

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120581.D
 Acq On : 9 Jun 2020 15:38
 Operator : JU/CG
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:58 AM

Quant Time: Jun 09 16:20:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	180070	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	667285	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	365318	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	712967	20.00	ng	0.00
76) Chrysene-d12	13.97	240	596038	20.00	ng	0.00
86) Perylene-d12	15.41	264	660094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1075665	113.84	ng	0.00
7) Phenol-d6	6.45	99	1286364	110.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	1295724	127.02	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	422685	124.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2103306	97.69	ng	0.00
79) Terphenyl-d14	12.92	244	2573095	96.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	302330	64.593	ng	100
3) Pyridine	3.25	79	795161	61.341	ng	100
4) n-Nitrosodimethylamine	3.21	42	336925	61.418	ng	95
6) Aniline	6.47	93	860282	52.976	ng	95
8) 2-Chlorophenol	6.59	128	588682	55.253	ng	98
9) Benzaldehyde	6.35	77	315490	44.447	ng	99
10) Phenol	6.46	94	737590	57.915	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	592135	55.638	ng	100
12) 1,3-Dichlorobenzene	6.75	146	641655	54.819	ng	99
13) 1,4-Dichlorobenzene	6.82	146	645233	55.251	ng	99
14) 1,2-Dichlorobenzene	6.97	146	570274	52.869	ng	99
15) Benzyl Alcohol	6.95	79	481711	54.870	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	929653	55.409	ng	98
17) 2-Methylphenol	7.06	107	492404	51.685	ng	99
18) Hexachloroethane	7.32	117	256320	59.961	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	409471	55.310	ng	97
20) 3+4-Methylphenols	7.22	107	591363	49.135	ng	97
22) Acetophenone	7.22	105	771063	56.896	ng	# 97
24) Nitrobenzene	7.39	77	682148	62.077	ng	99
25) Isophorone	7.63	82	1316871	64.229	ng	100
26) 2-Nitrophenol	7.70	139	352479	71.144	ng	93
27) 2,4-Dimethylphenol	7.75	122	523576	60.852	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	770274	62.385	ng	99
29) 2,4-Dichlorophenol	7.95	162	532405	61.262	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	593599	60.865	ng	99
31) Naphthalene	8.11	128	1671065	57.021	ng	99
32) Benzoic acid	7.89	122	466962	73.136	ng	97
33) 4-Chloroaniline	8.16	127	745863	57.426	ng	99
34) Hexachlorobutadiene	8.23	225	329083	56.926	ng	99
35) Caprolactam	8.55	113	175806m	62.464	ng	
36) 4-Chloro-3-methylphenol	8.65	107	523073	59.325	ng	99
37) 2-Methylnaphthalene	8.80	142	1128527	58.138	ng	99
38) 1-Methylnaphthalene	8.90	142	1062574	57.993	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	539264	57.562	ng	100

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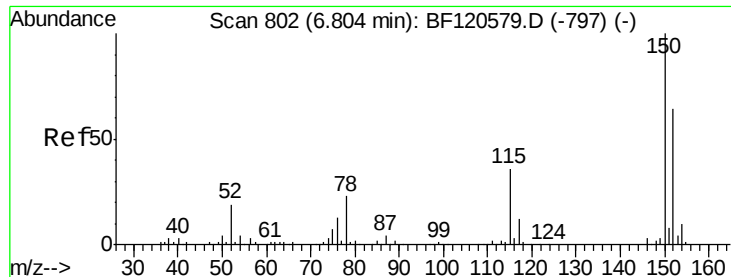
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	327227	62.584	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	387398	57.176	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	436434	56.825	nq	99
46) 1,1'-Biphenyl	9.26	154	1338772	55.786	nq	99
47) 2-Chloronaphthalene	9.29	162	1094575	55.390	nq	99
48) 2-Nitroaniline	9.39	65	349244	58.024	nq	98
49) Acenaphthylene	9.70	152	1693471	55.456	nq	99
50) Dimethylphthalate	9.57	163	1324248	57.983	nq	99
51) 2,6-Dinitrotoluene	9.63	165	305417	60.175	nq	97
52) Acenaphthene	9.87	154	1001052	52.524	nq	100
53) 3-Nitroaniline	9.80	138	358386	60.131	nq	91
54) 2,4-Dinitrophenol	9.90	184	182020	105.793	nq	100
55) Dibenzofuran	10.05	168	1509104	54.488	nq	100
56) 4-Nitrophenol	9.96	139	268333	58.806	nq	91
57) 2,4-Dinitrotoluene	10.03	165	397502	61.194	nq	95
58) Fluorene	10.39	166	1104294	53.132	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	339915	56.796	nq	98
60) Diethylphthalate	10.27	149	1285263	55.689	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	576836	51.191	nq	97
62) 4-Nitroaniline	10.42	138	360822	64.127	nq	98
63) Azobenzene	10.55	77	1179830	54.348	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	236077	90.781	nq	88
66) n-Nitrosodiphenylamine	10.50	169	1071621	54.109	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	405015	56.277	nq	97
68) Hexachlorobenzene	10.94	284	430781	56.207	nq	97
69) Atrazine	11.03	200	291475	52.215	nq	98
70) Pentachlorophenol	11.13	266	255816	54.592	nq	99
71) Phenanthrene	11.35	178	1734605	55.215	nq	99
72) Anthracene	11.40	178	1759265	55.813	nq	99
73) Carbazole	11.56	167	1824105	59.831	nq	99
74) Di-n-butylphthalate	11.89	149	1883964	53.122	nq	99
75) Fluoranthene	12.54	202	2020420	59.770	nq	99
77) Benzidine	12.66	184	777392	49.640	nq	96
78) Pyrene	12.77	202	2101615	50.701	nq	99
80) Butylbenzylphthalate	13.39	149	933216	53.928	nq	98
81) Benzo(a)anthracene	13.96	228	1767670	55.336	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	648567	55.923	nq	100
83) Chrysene	14.00	228	1796809	53.653	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1143092	56.272	nq	100
85) Di-n-octyl phthalate	14.56	149	1940312	55.202	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1997718	55.333	nq	99
88) Benzo(b)fluoranthene	14.99	252	1928616	52.603	nq	98
89) Benzo(k)fluoranthene	15.03	252	1556104	45.464	nq	100
90) Benzo(a)pyrene	15.35	252	1752574	54.649	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	1584148	53.819	nq	99
92) Benzo(g,h,i)perylene	17.28	276	1607433	55.370	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

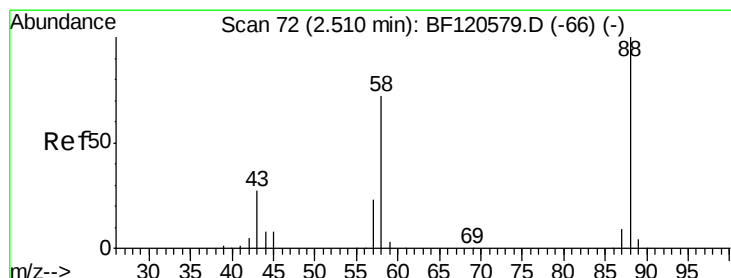
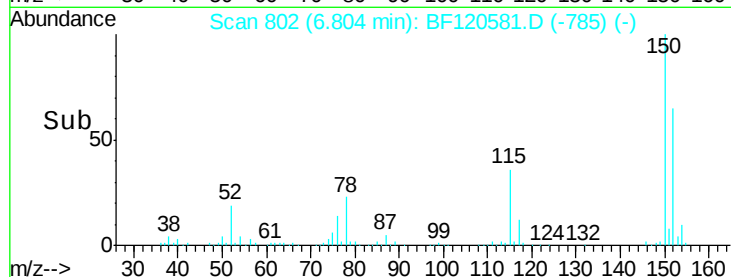
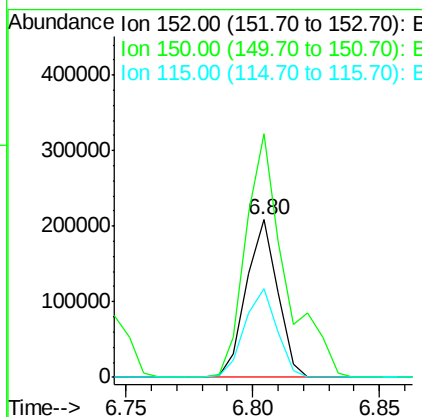
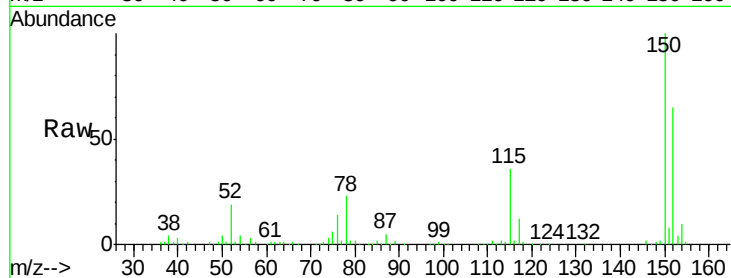
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.4	188.0
115	56.4	45.5	68.3

Manual Integrations
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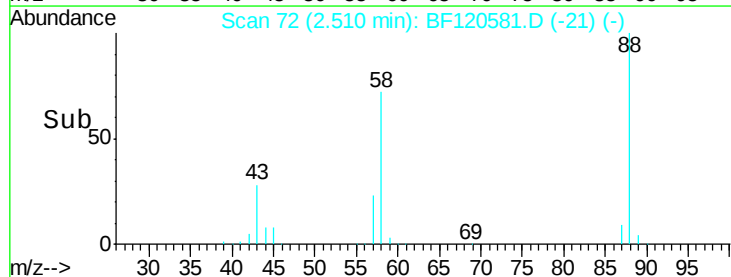
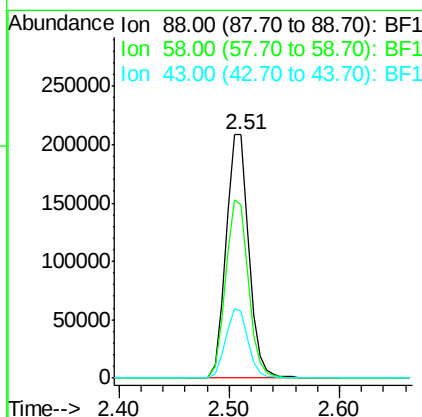
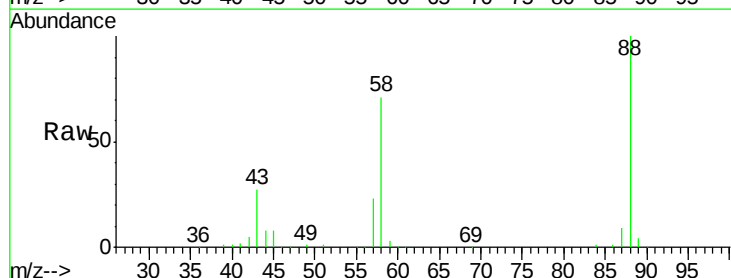
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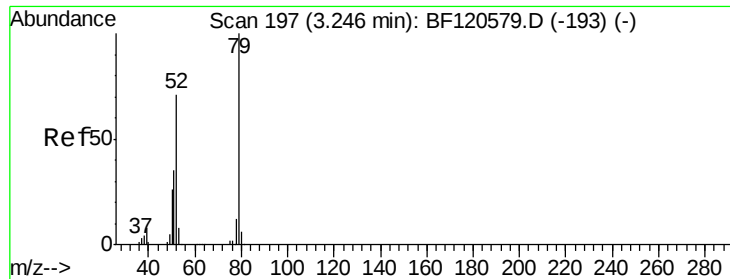


#2

1,4-Dioxane
Concen: 64.593 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.2	87.2
43	28.0	22.2	33.2





#3

Pvridine

Concen: 61.341 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

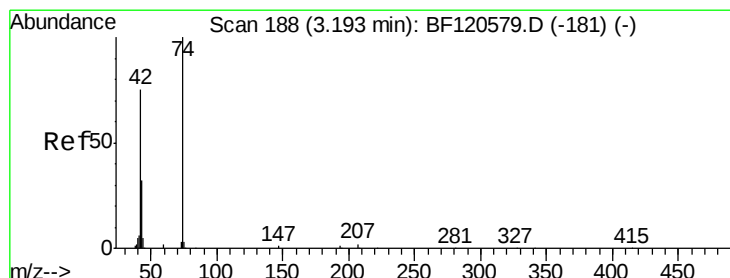
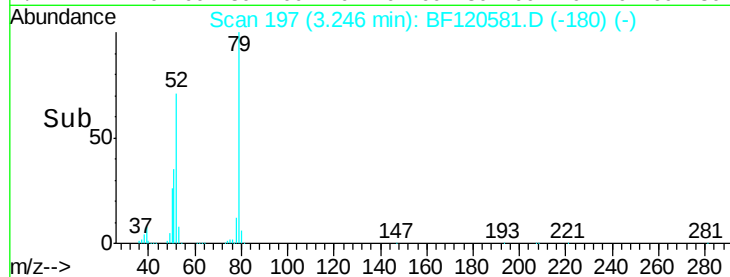
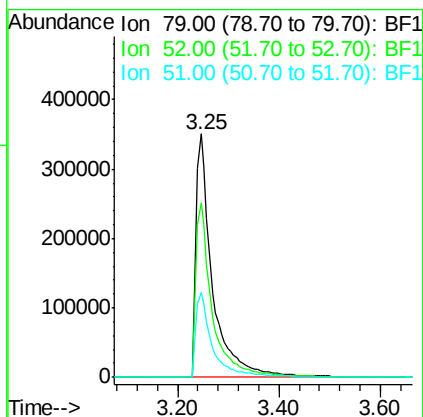
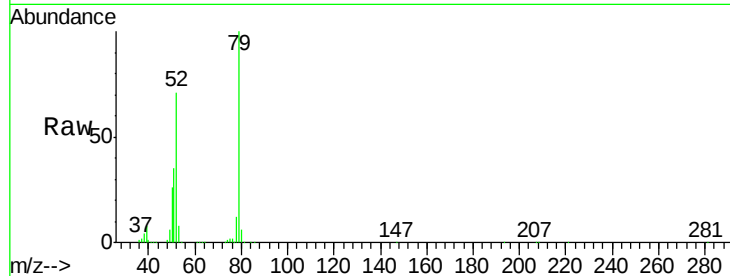
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	795161
Ion Ratio	Lower	Upper	
79	100		
52	71.5	57.2	85.8
51	34.8	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 61.418 ng

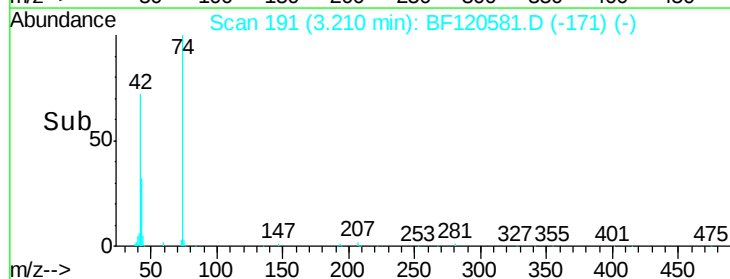
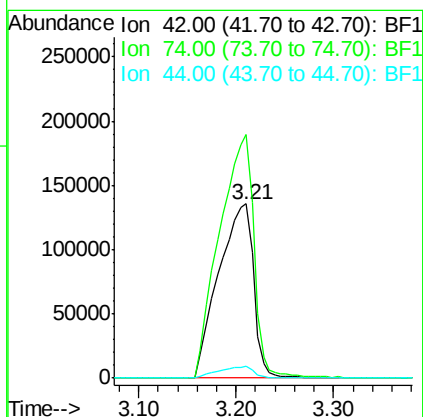
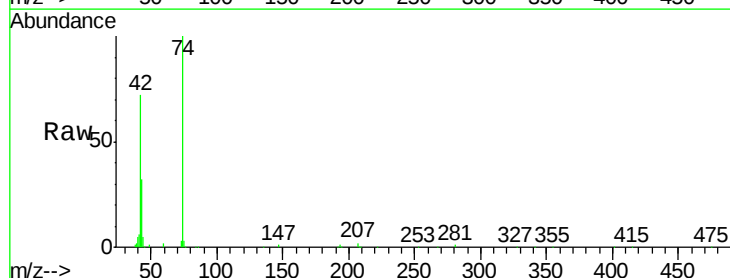
RT: 3.21 min Scan# 191

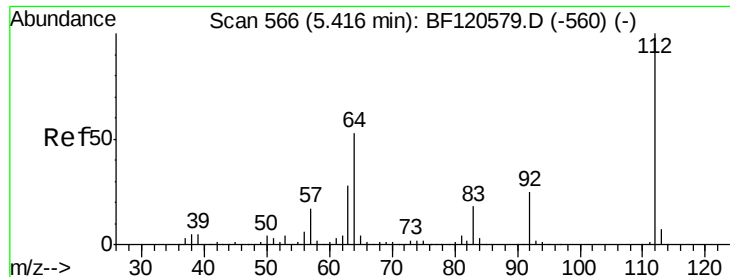
Delta R.T. 0.02 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:	42	Resp:	336925
Ion Ratio	Lower	Upper	
42	100		
74	139.8	106.9	160.3
44	6.6	4.9	7.3





#5

2-Fluorophenol

Concen: 113.842 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:112 Resp: 1075665

Ion Ratio Lower Upper

112 100

64 58.3 42.7 64.1

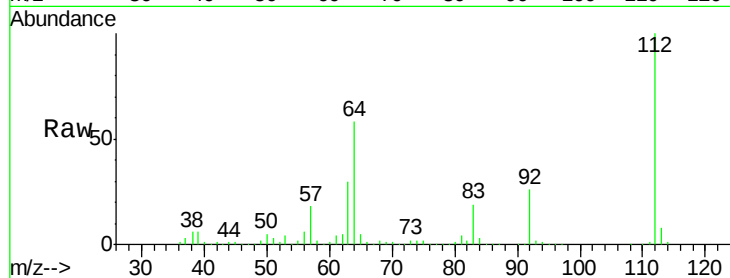
63 30.0 22.3 33.5

Manual Integrations

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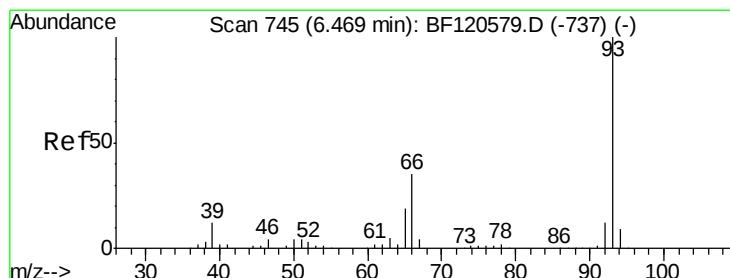
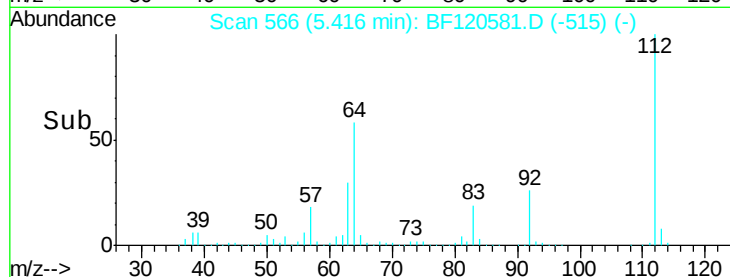
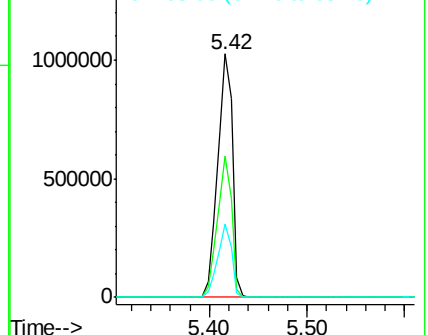
6/10/2020 11:50:58 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 52.976 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

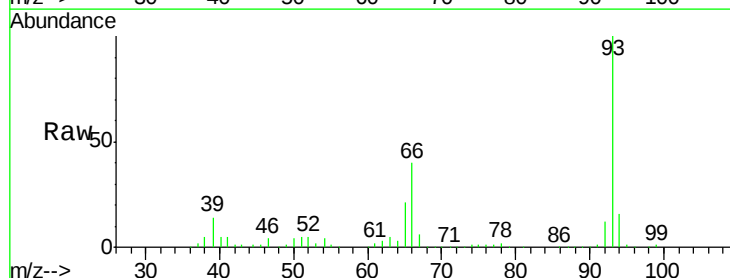
Tgt Ion: 93 Resp: 860282

Ion Ratio Lower Upper

93 100

66 39.7 29.1 43.7

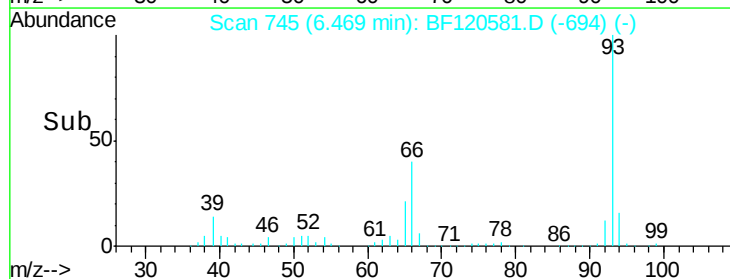
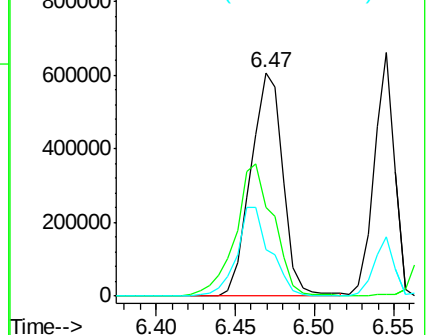
65 20.7 15.2 22.8

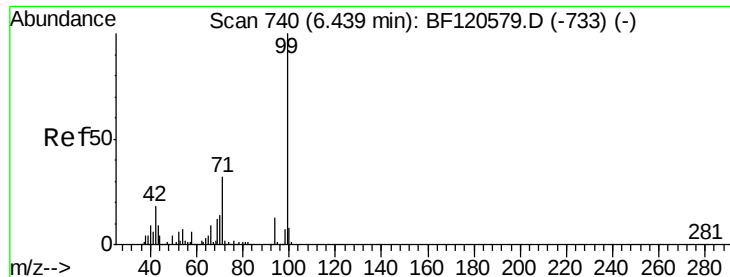


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.453 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1286364

Ion Ratio Lower Upper

99 100

42 18.8 14.6 22.0

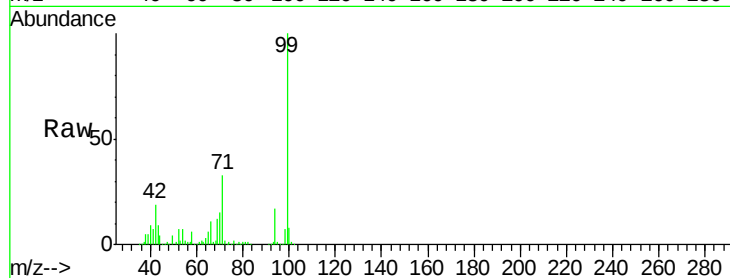
71 33.3 25.4 38.0

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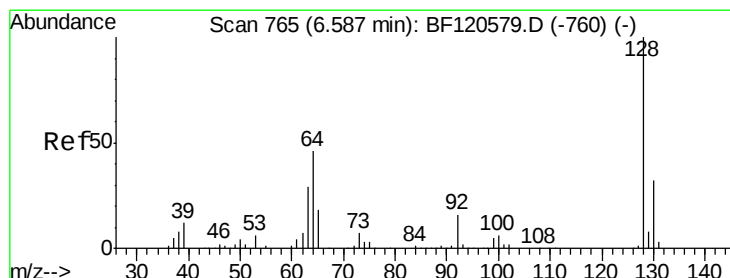
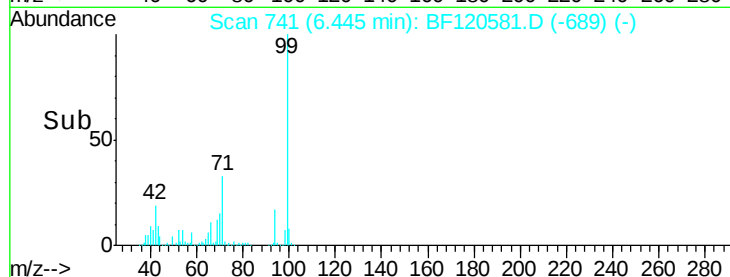
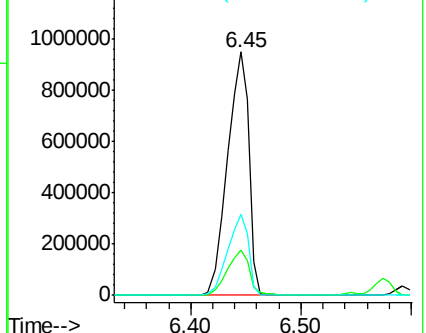
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.253 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

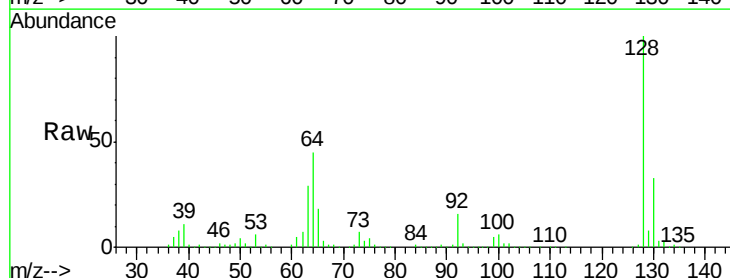
Tgt Ion: 128 Resp: 588682

Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

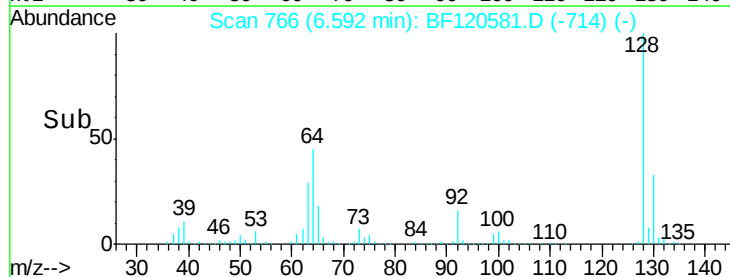
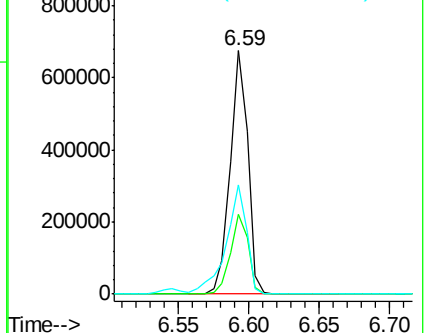
64 45.1 26.9 66.9

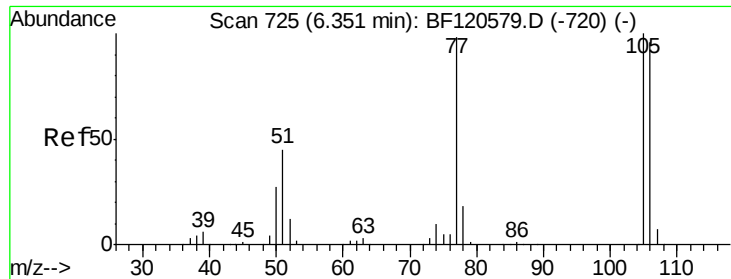


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





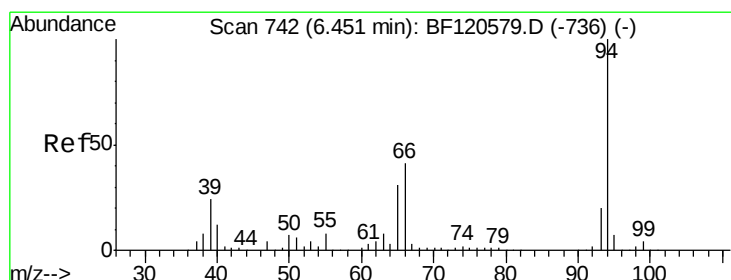
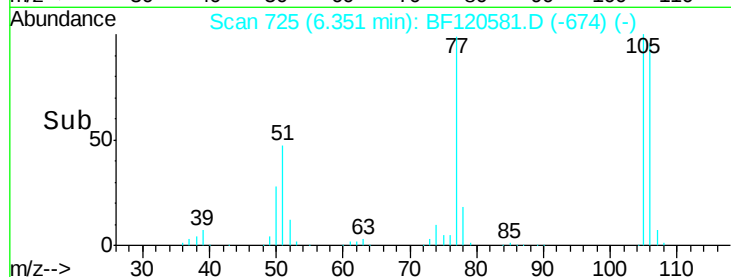
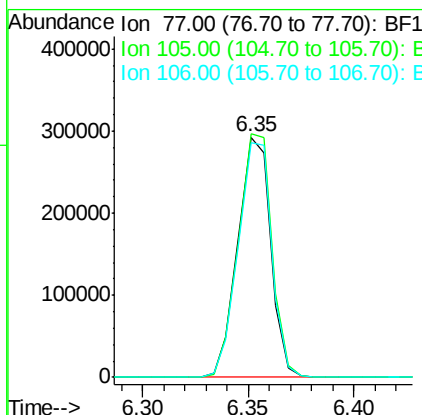
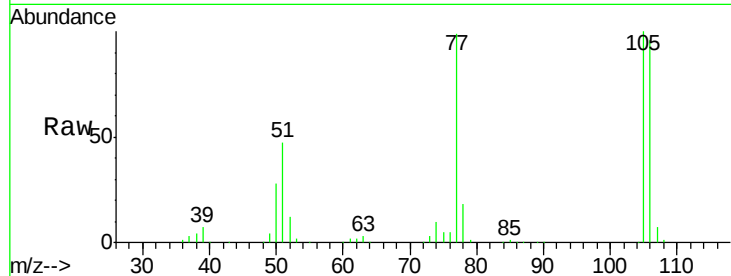
#9
Benzaldehyde
Concen: 44.447 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	82.2	122.2
106	97.6	78.5	118.5

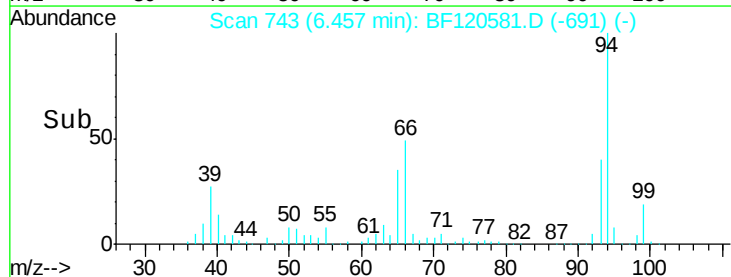
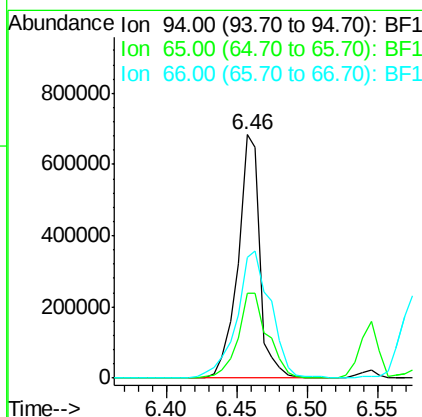
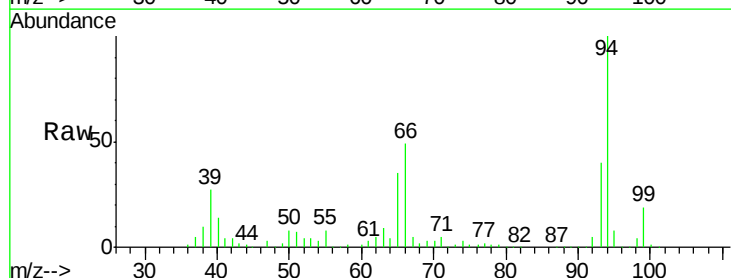
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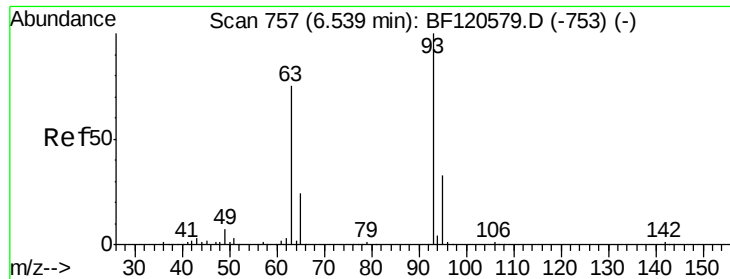
mohammad
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#10
Phenol
Concen: 57.915 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.1	51.1
66	49.4	21.0	61.0





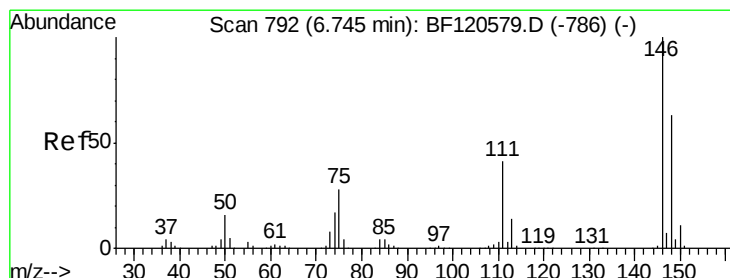
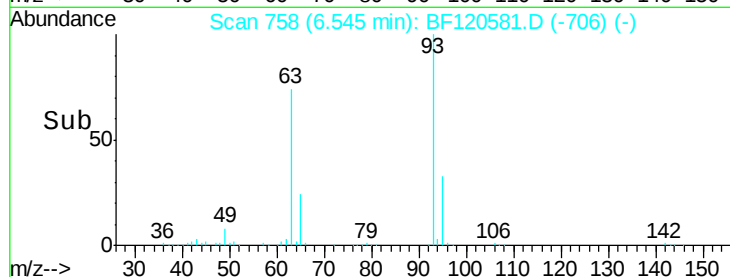
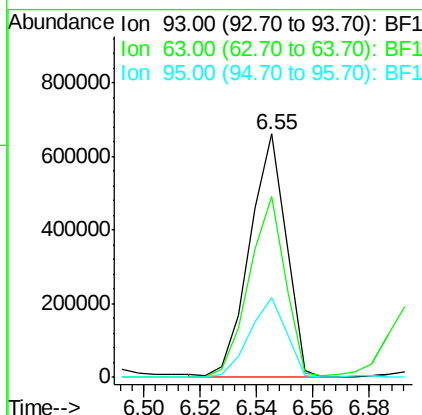
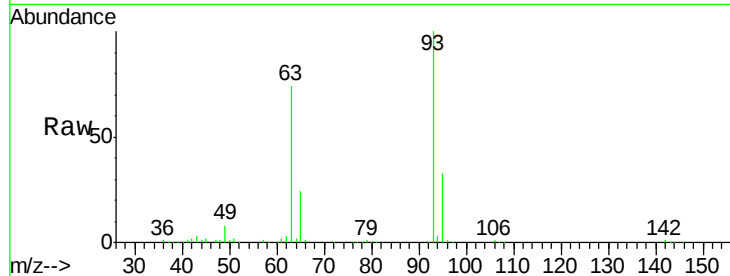
#11
bis(2-Chloroethyl)ether
Concen: 55.638 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:	93	Resp:	592135
Ion Ratio	Lower	Upper	
93	100		
63	74.2	54.6	94.6
95	32.7	12.8	52.8

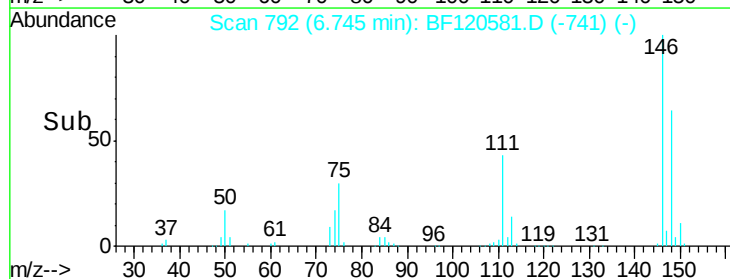
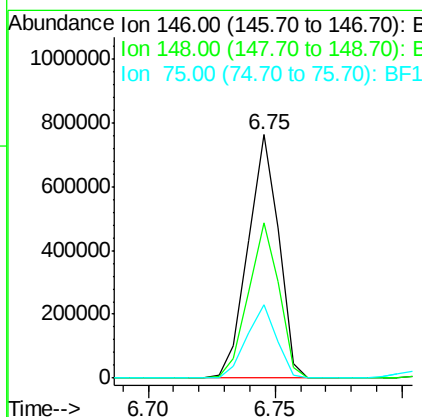
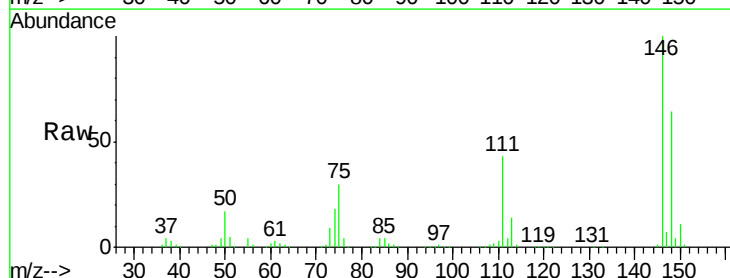
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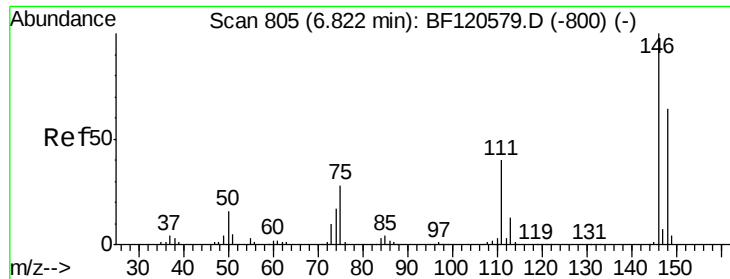
mohammad
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#12
1,3-Dichlorobenzene
Concen: 54.819 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion:	146	Resp:	641655
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	76.0
75	30.0	22.6	33.8





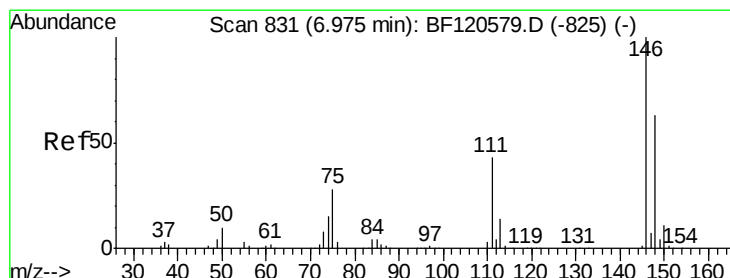
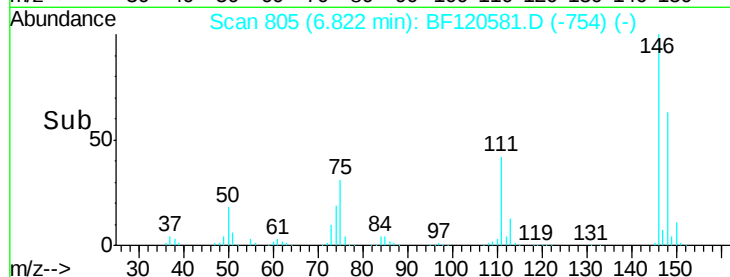
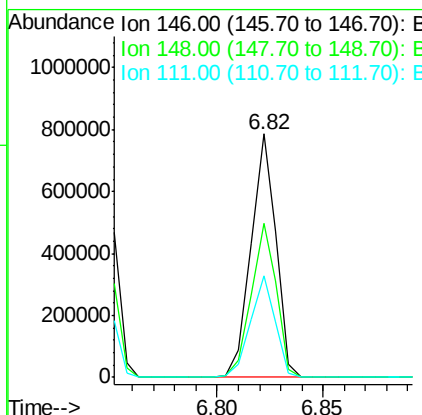
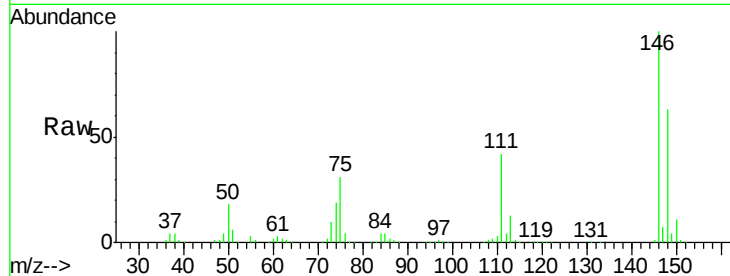
#13
1,4-Dichlorobenzene
Concen: 55.251 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.9	76.3
111	41.6	32.5	48.7

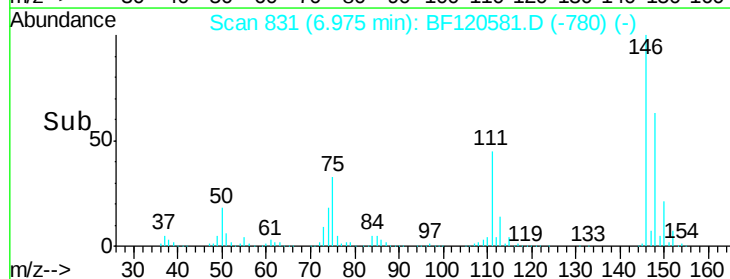
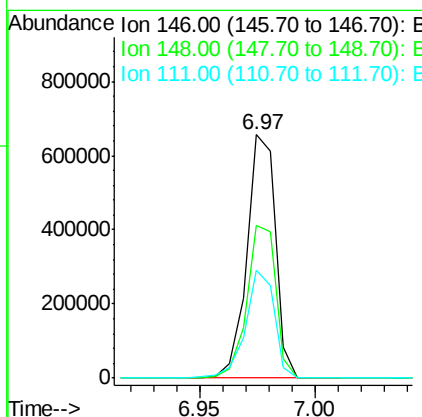
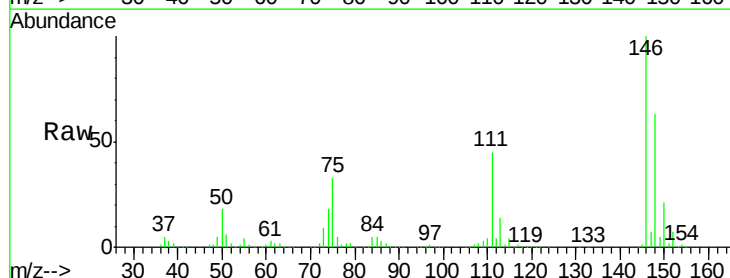
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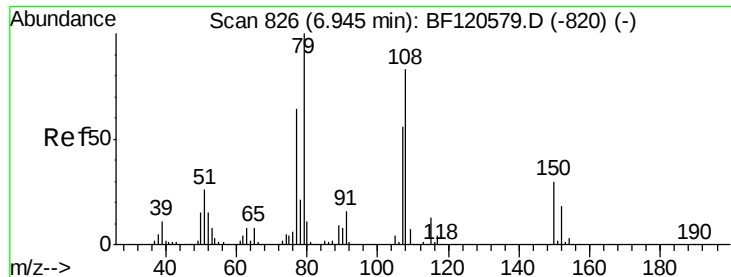
mohammad
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#14
1,2-Dichlorobenzene
Concen: 52.869 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	44.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 54.870 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

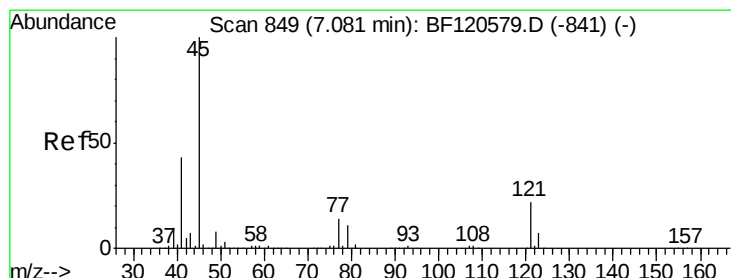
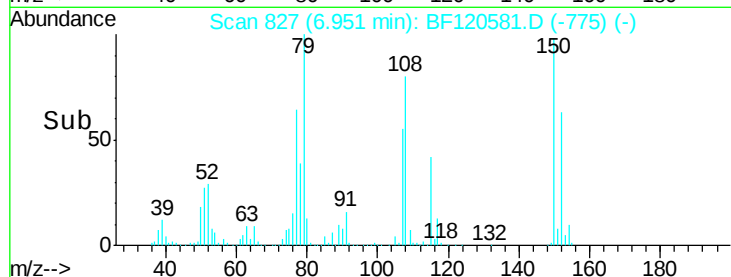
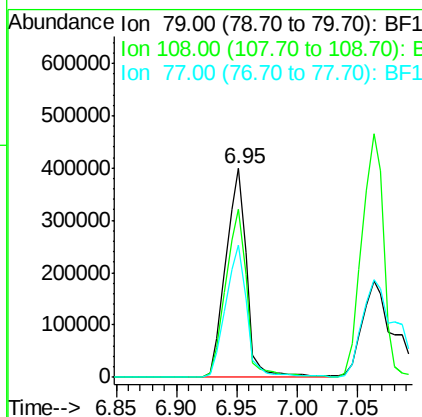
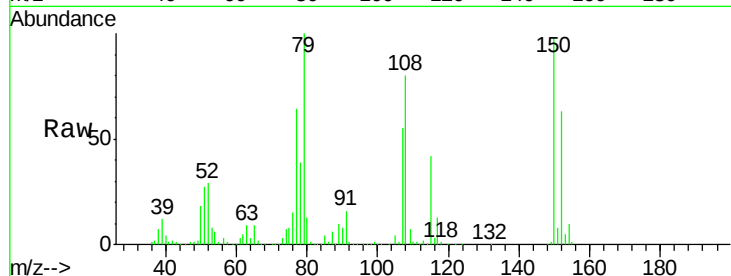
ClientSampleID :

SSTDIC060

Tot Ion:	79	Resp:	481711
Ion Ratio	Lower	Upper	
79	100		
108	80.3	66.2	99.4
77	63.5	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.409 ng

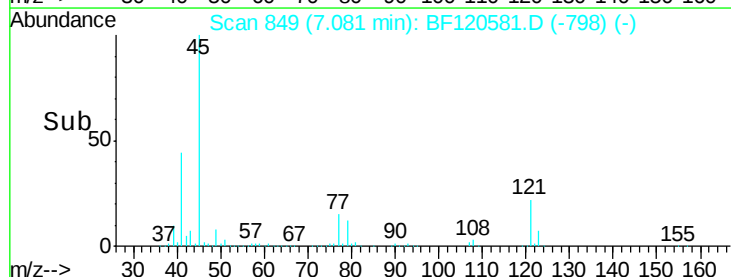
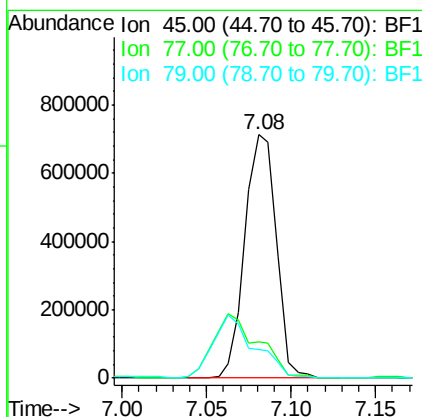
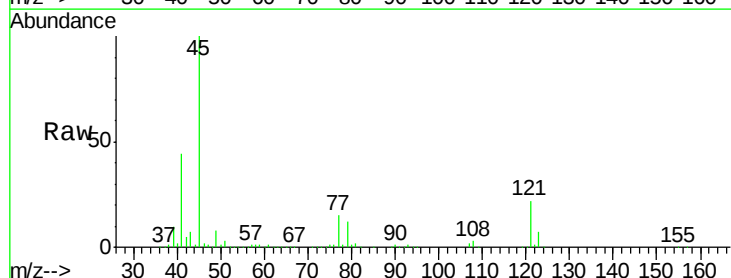
RT: 7.08 min Scan# 849

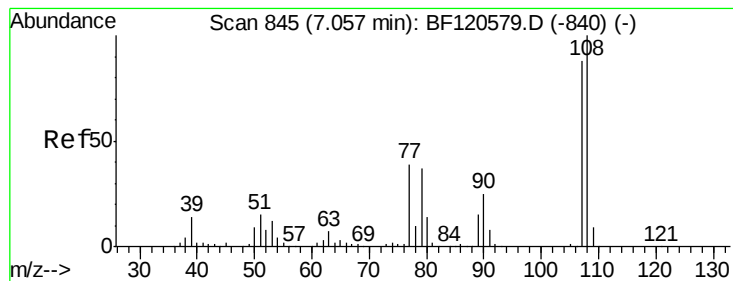
Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:	45	Resp:	929653
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.9
79	11.5	0.0	31.0





#17

2-Methylphenol

Concen: 51.685 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

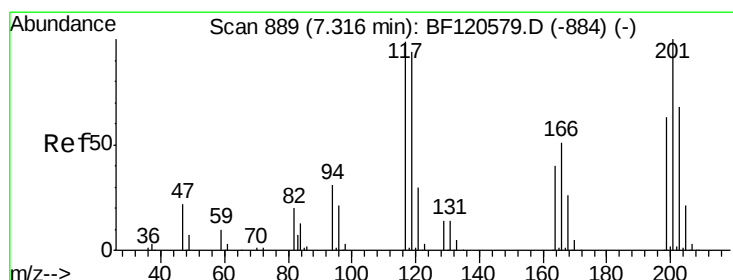
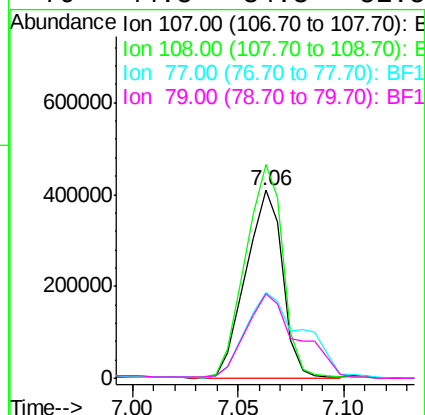
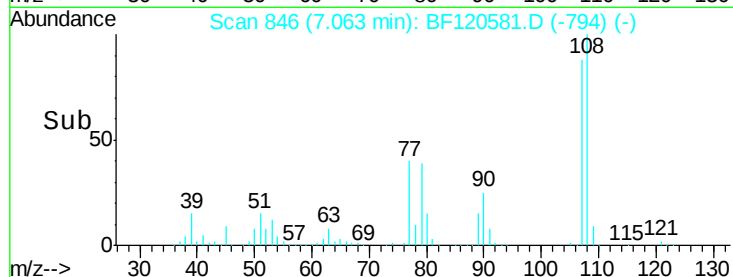
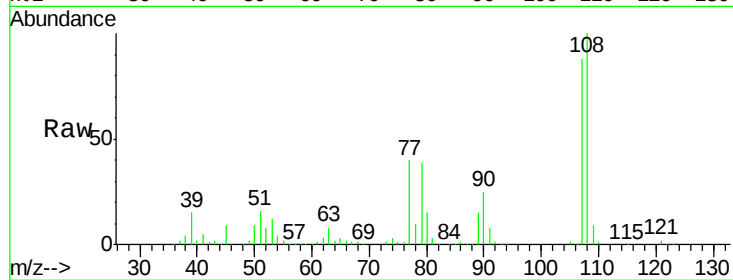
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.0	136.6
77	45.7	35.8	53.6
79	44.8	34.3	51.5

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#18

Hexachloroethane

Concen: 59.961 ng

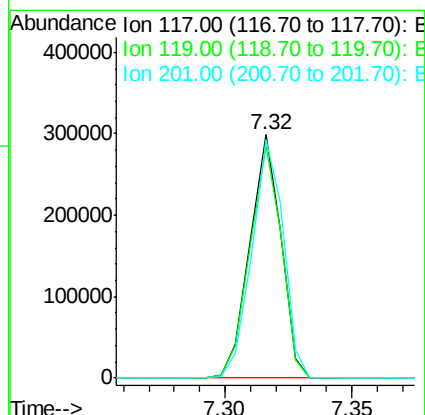
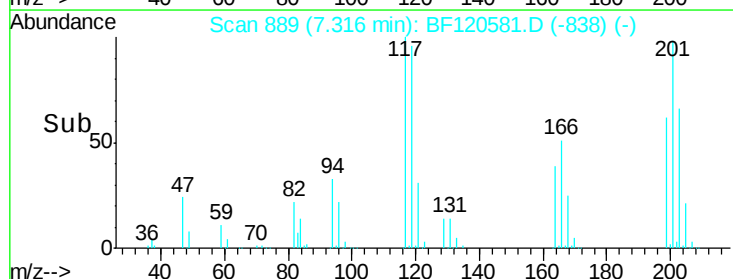
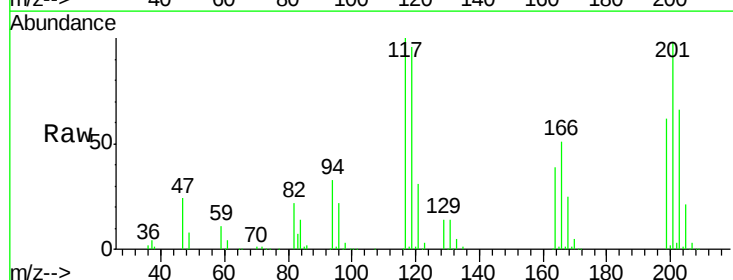
RT: 7.32 min Scan# 889

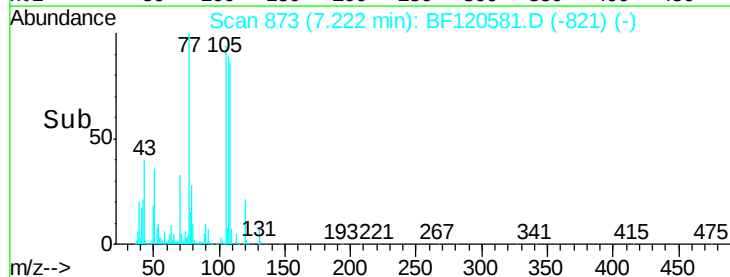
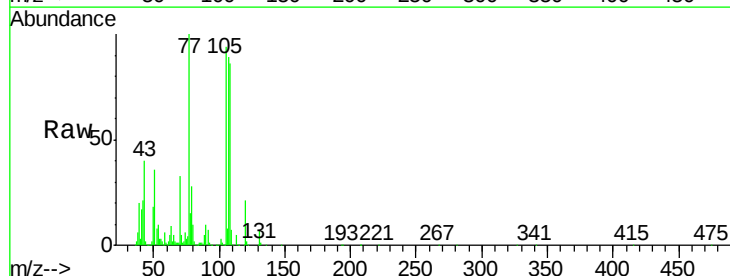
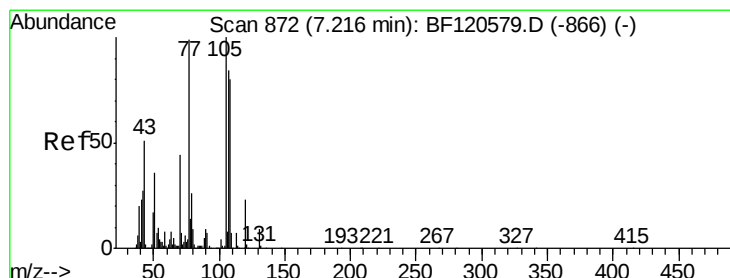
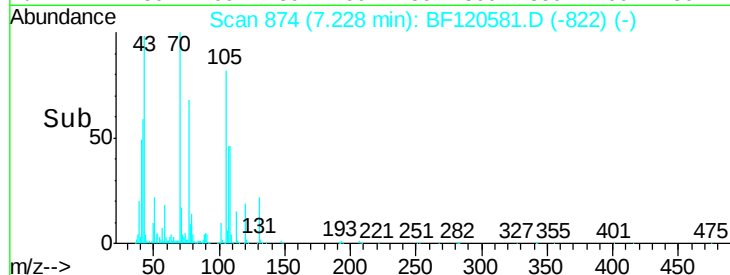
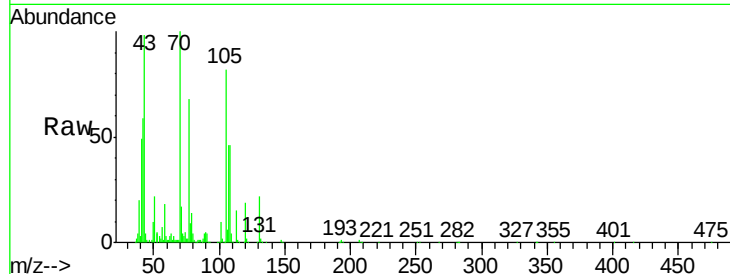
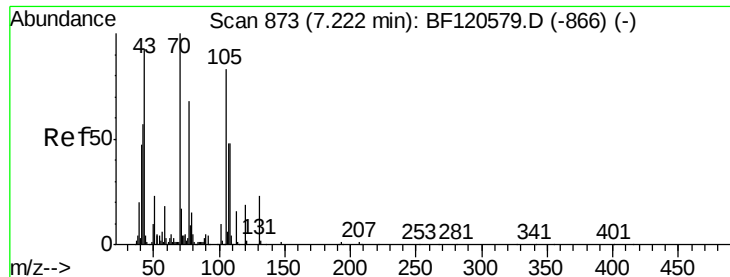
Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

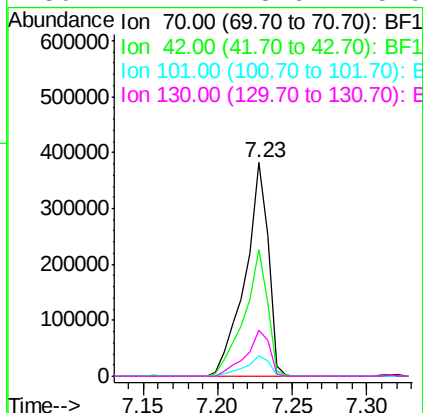
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.2	80.6	120.8





#19
n-Nitroso-di-n-propylamine
Concen: 55.310 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	45.8	68.6
101	9.8	7.8	11.6
130	21.7	18.6	28.0



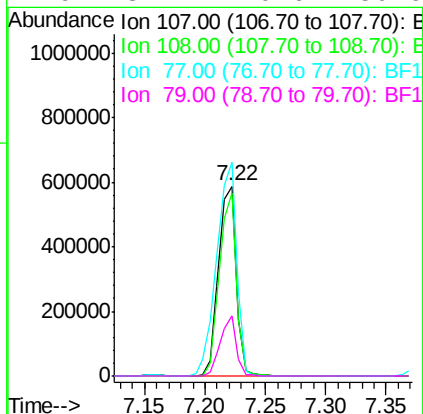
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

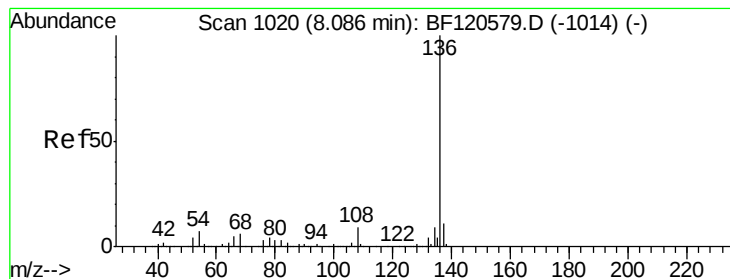
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#20
3+4-Methylphenols
Concen: 49.135 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.4	74.9	114.9
77	112.6	97.6	137.6
79	31.7	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

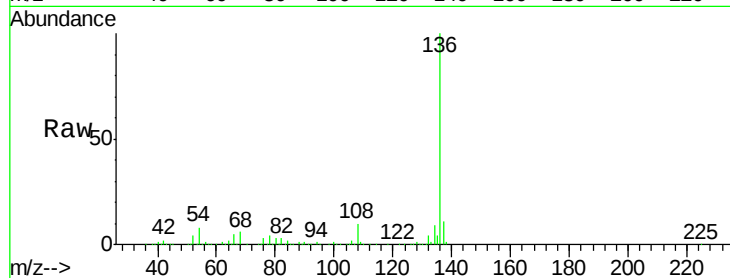
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	667285		
137	11.1	8.6	13.0	
54	7.7	5.8	8.6	
68	5.6	4.5	6.7	

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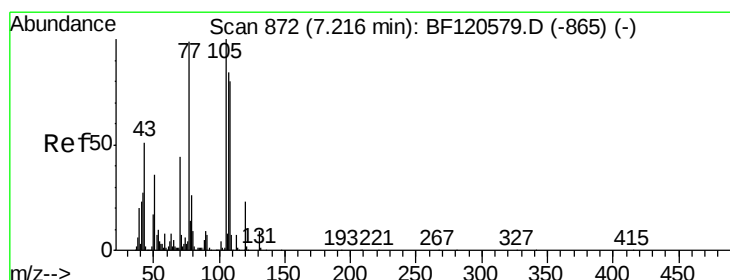
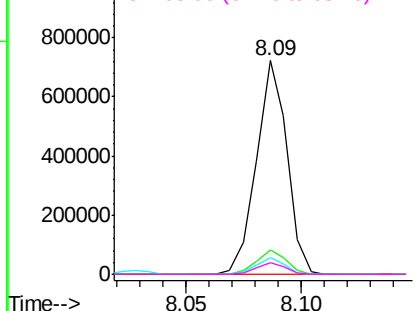
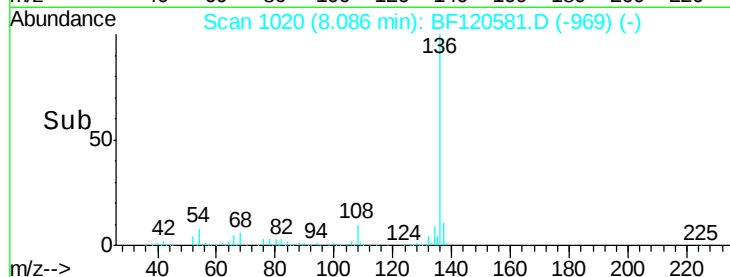


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 56.896 ng

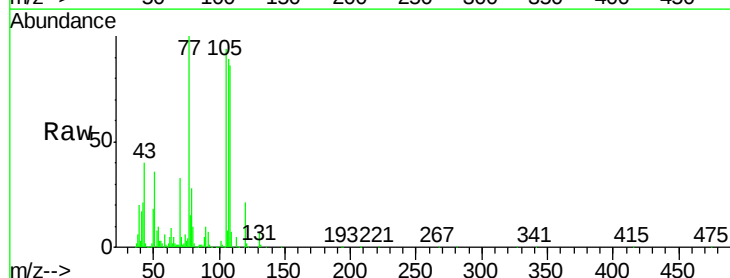
RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	771063		
71	5.8	5.8	8.8#	
51	38.5	28.7	43.1	
120	22.1	18.2	27.2	

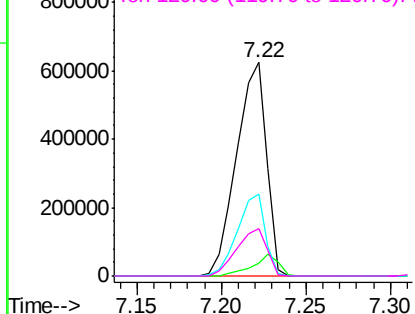
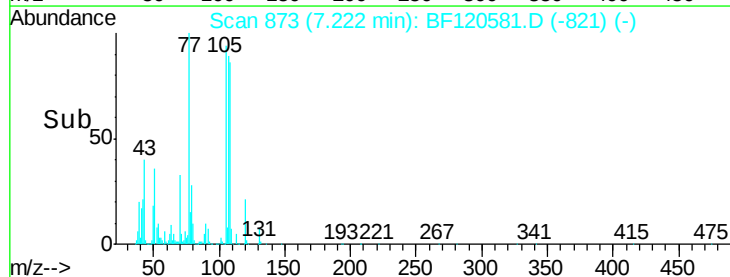


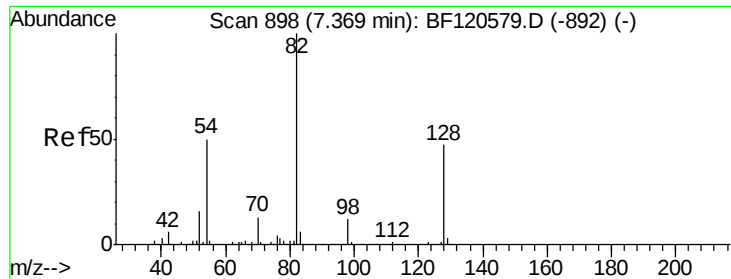
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





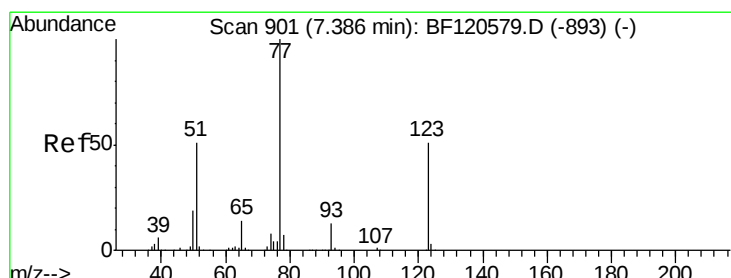
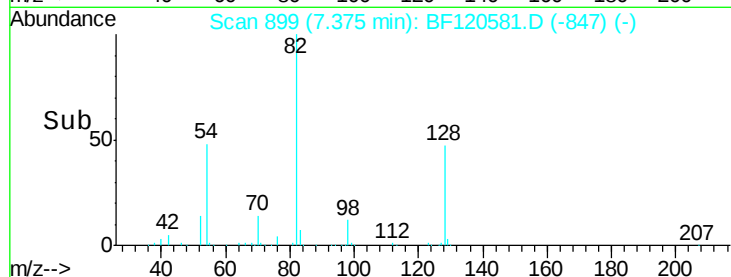
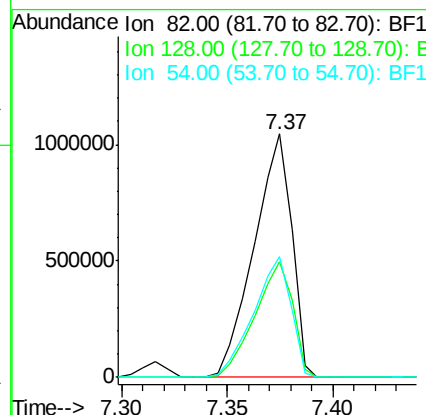
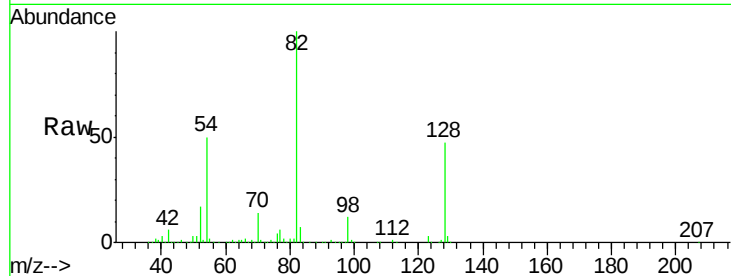
#23
 Nitrobenzene-d5
 Concen: 127.018 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	1295724
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	49.7	39.8	59.6

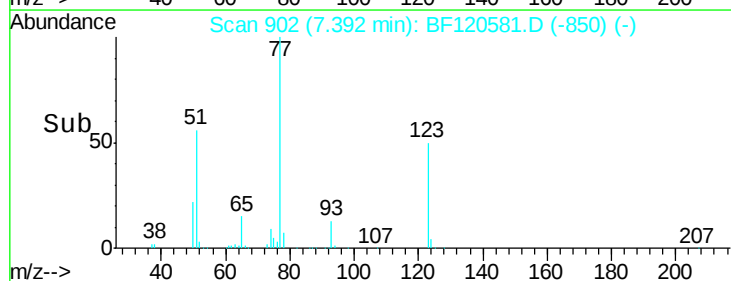
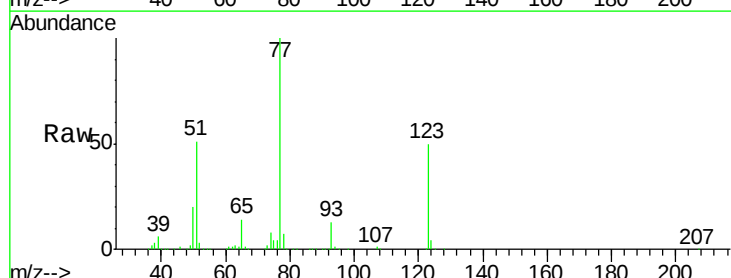
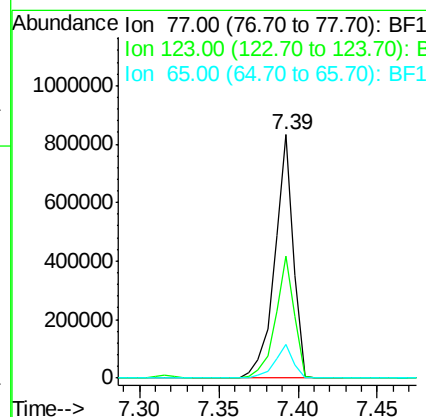
Manual Integrations
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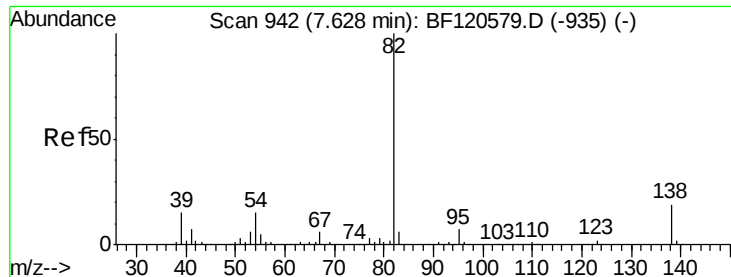
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#24
 Nitrobenzene
 Concen: 62.077 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	77	Resp	682148
Ion	Ratio	Lower	Upper
77	100		
123	50.1	40.5	60.7
65	13.6	10.9	16.3





#25

Isophorone

Concen: 64.229 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1316871

Ion Ratio Lower Upper

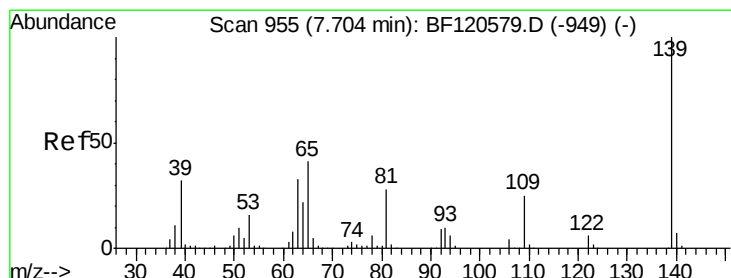
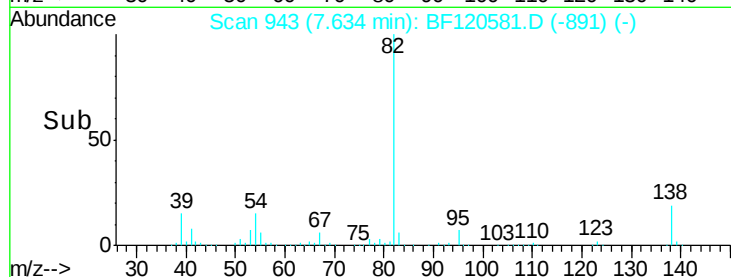
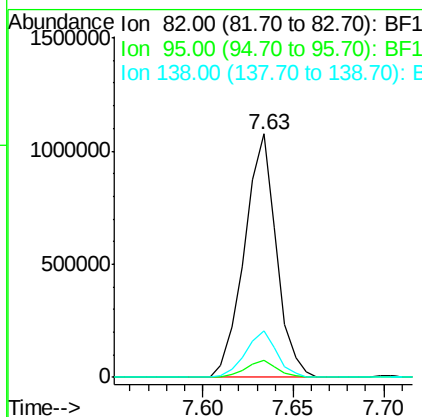
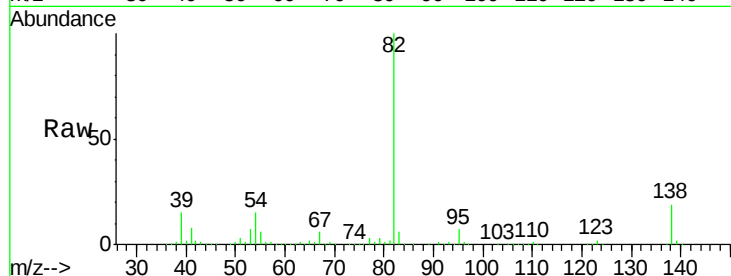
82 100

95 7.0 5.6 8.4

138 19.3 15.4 23.2

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6/10/2020 11:50:58 AM



#26

2-Nitrophenol

Concen: 71.144 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

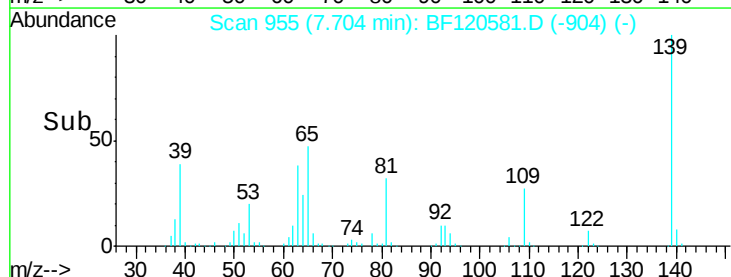
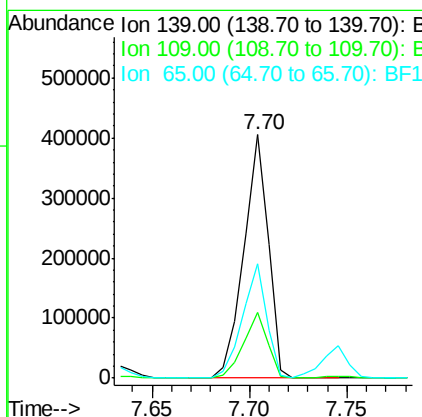
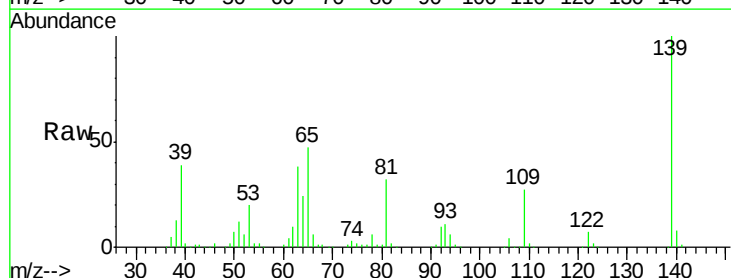
Tgt Ion: 139 Resp: 352479

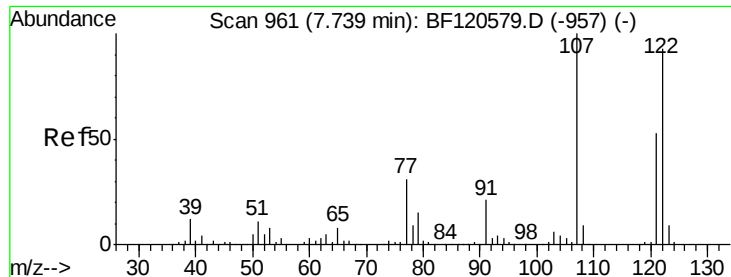
Ion Ratio Lower Upper

139 100

109 27.1 20.2 30.2

65 46.8 32.9 49.3





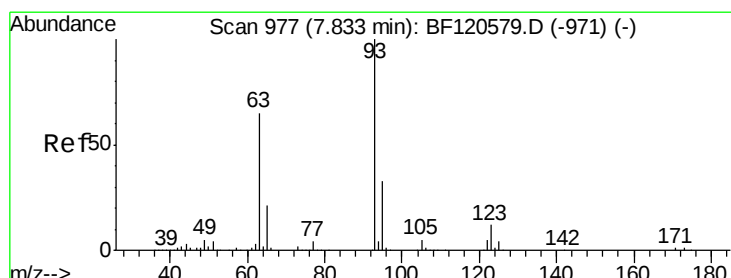
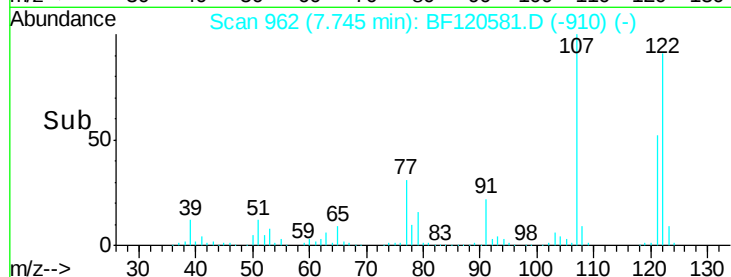
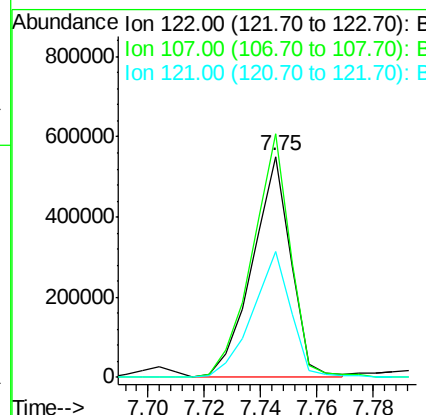
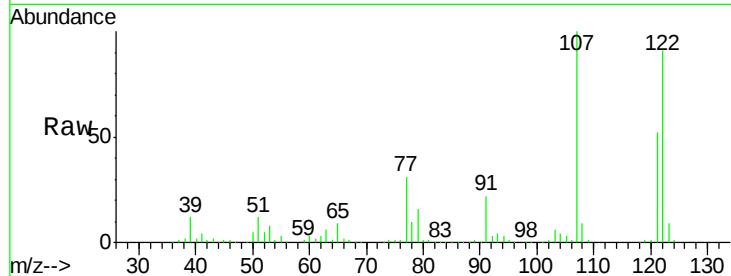
#27
2,4-Dimethylphenol
Concen: 60.852 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	86.3	129.5
121	57.1	45.4	68.2

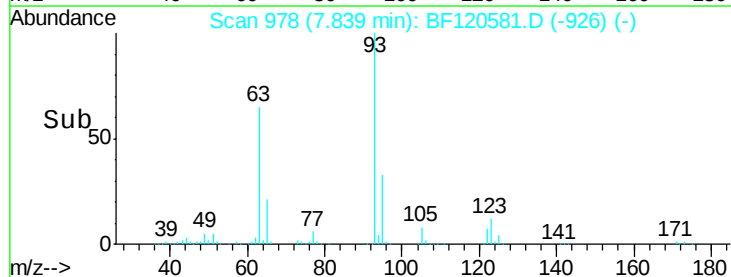
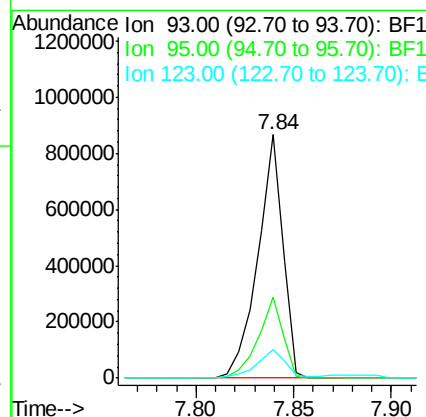
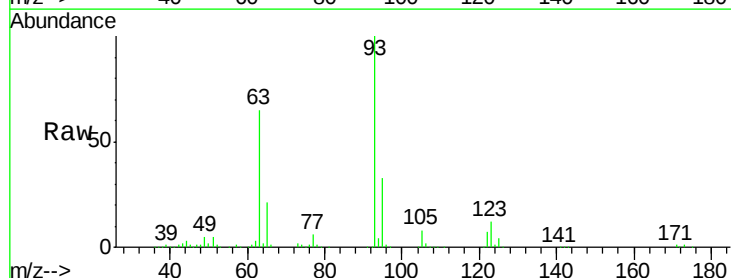
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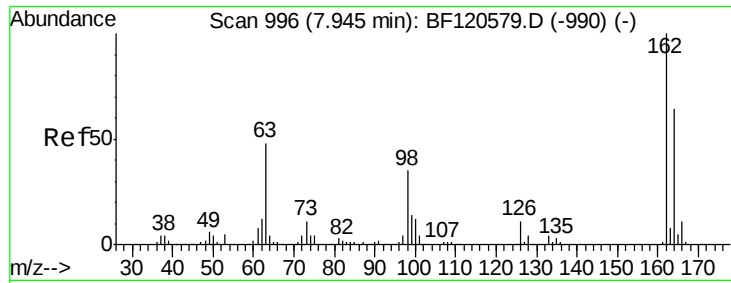
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 62.385 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	12.0	9.5	14.3





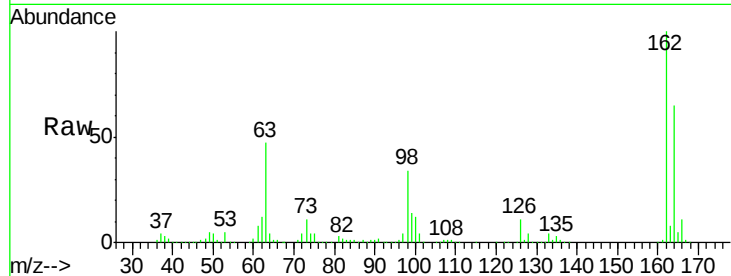
#29
2,4-Dichlorophenol
Concen: 61.262 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

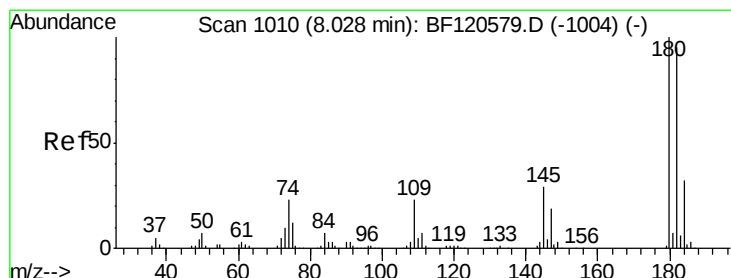
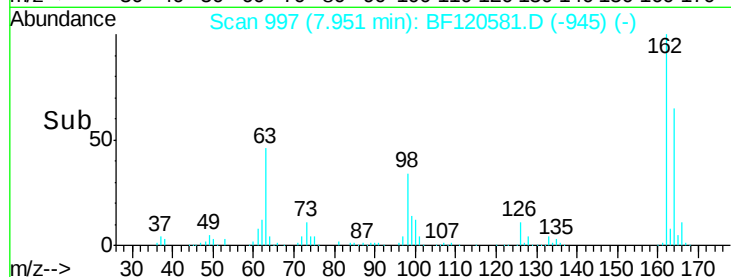
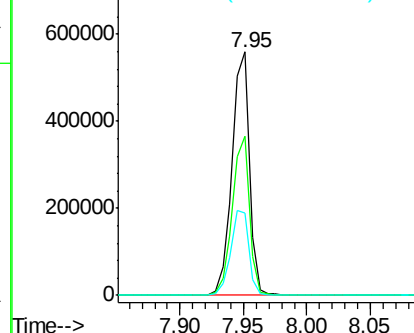
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.8	14.6	54.6

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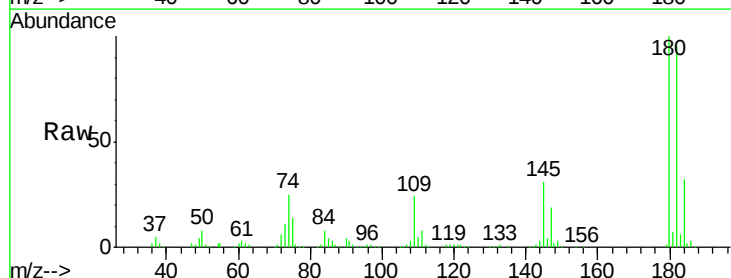


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

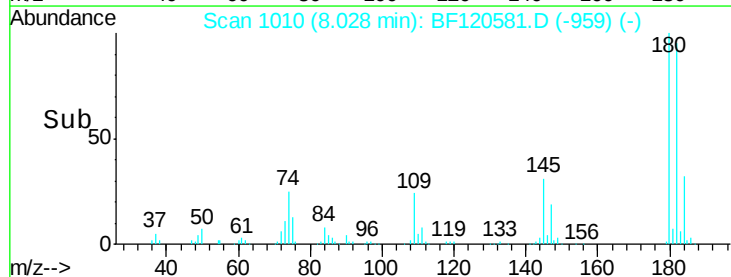
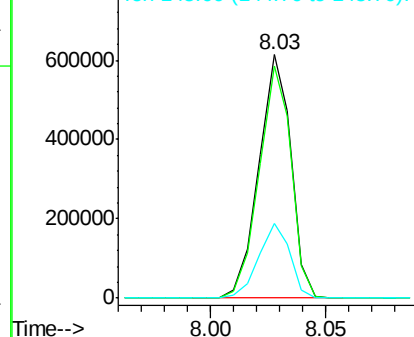


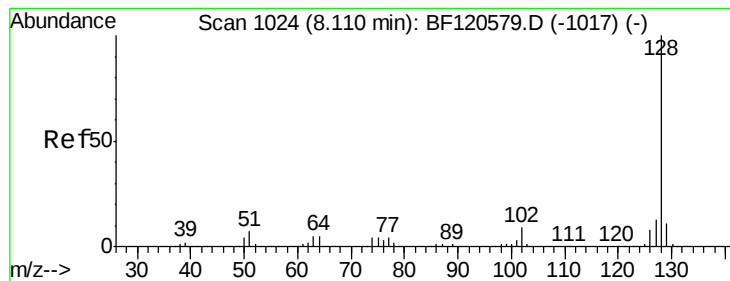
#30
1,2,4-Trichlorobenzene
Concen: 60.865 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	76.2	114.4
145	30.8	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.021 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 1671065

Ion Ratio Lower Upper

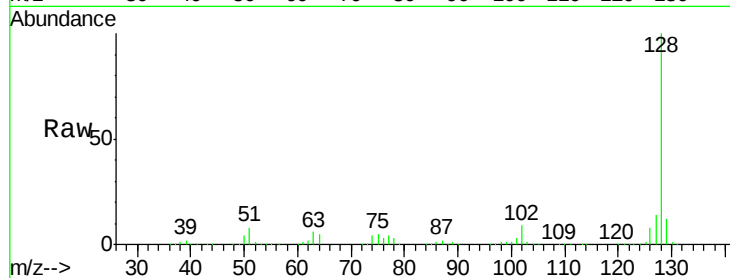
128 100

129 11.7 9.0 13.6

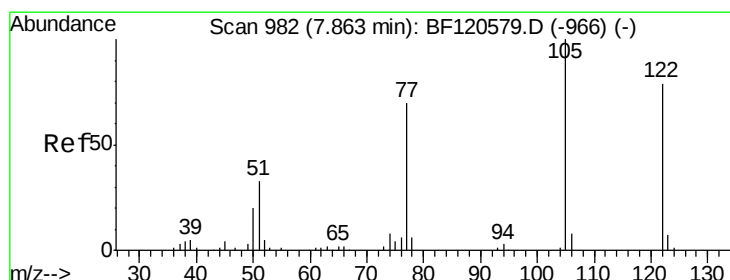
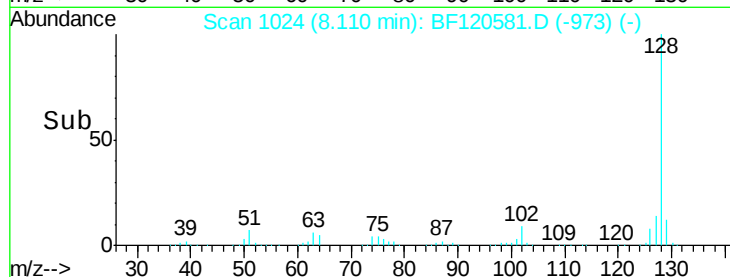
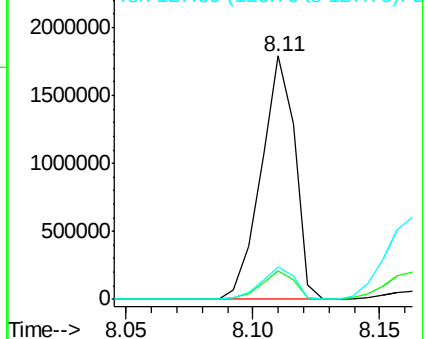
127 13.6 10.7 16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.136 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

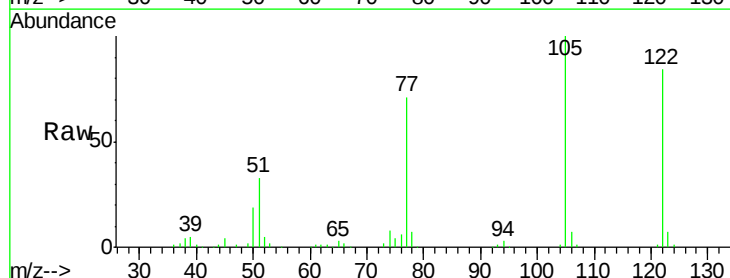
Tgt Ion:122 Resp: 466962

Ion Ratio Lower Upper

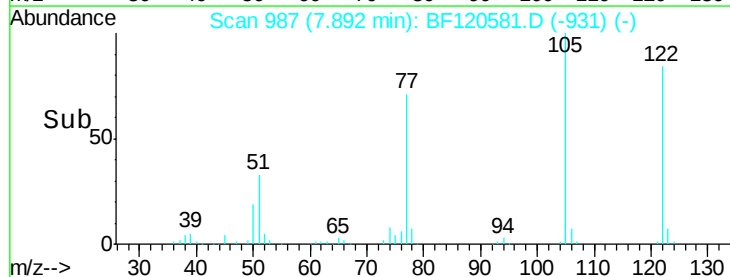
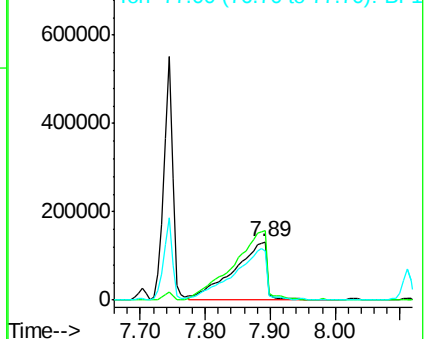
122 100

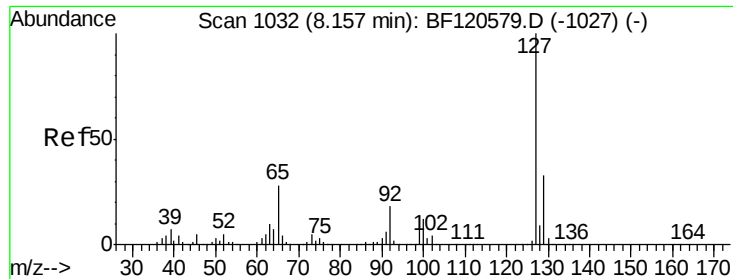
105 118.6 101.1 141.1

77 83.8 66.8 106.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





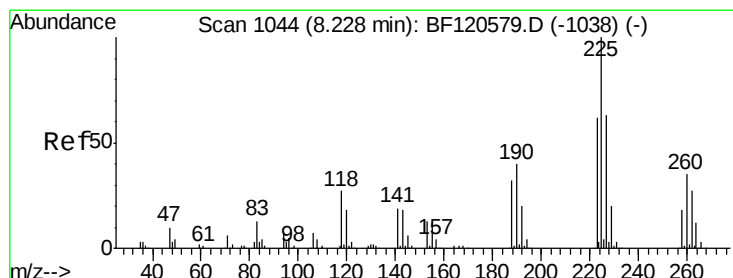
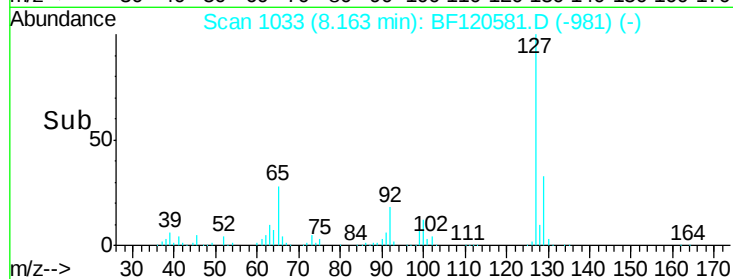
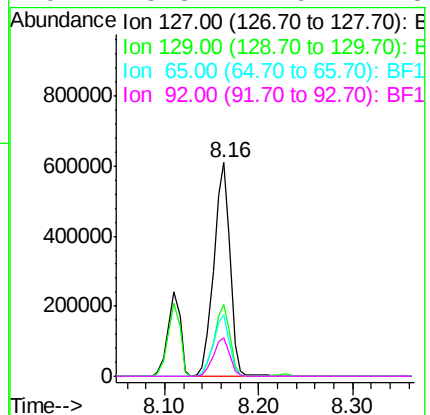
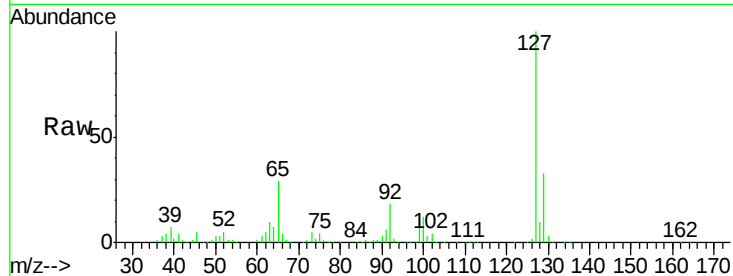
#33
4-Chloroaniline
Concen: 57.426 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.2		
65	28.7	22.6	33.8		
92	18.3	14.6	21.8		

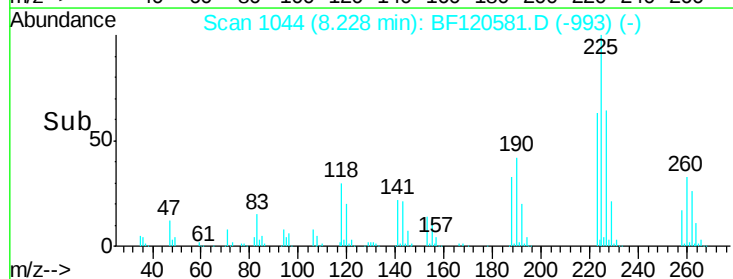
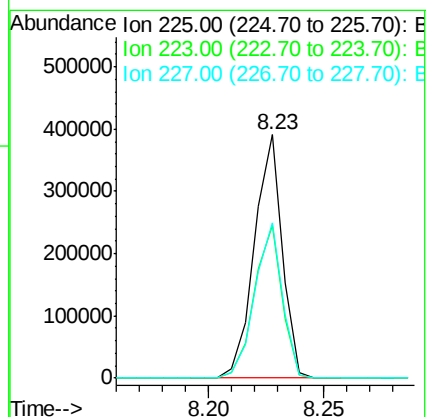
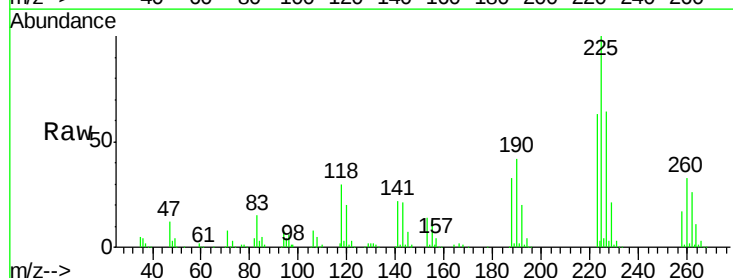
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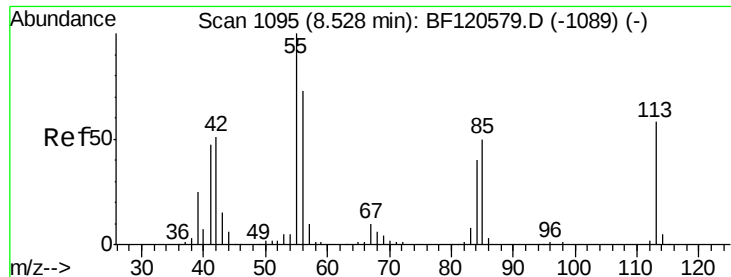
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#34
Hexachlorobutadiene
Concen: 56.926 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.5	74.3		
227	63.6	50.6	76.0		





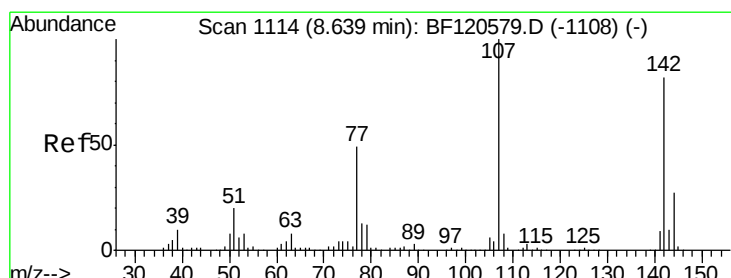
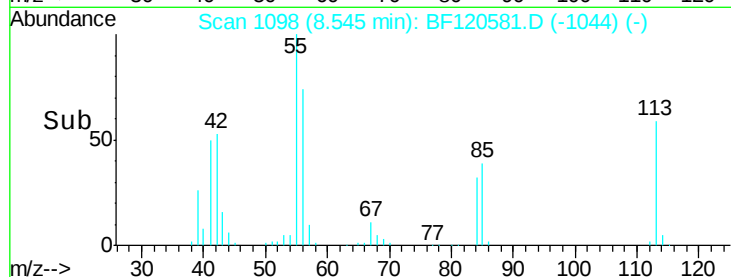
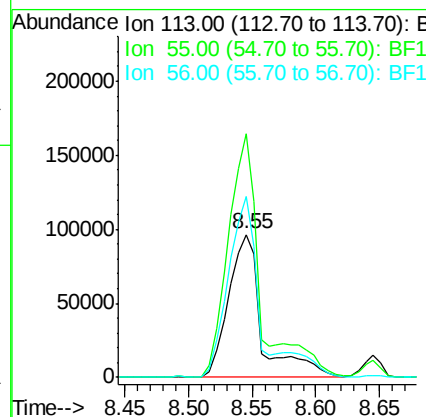
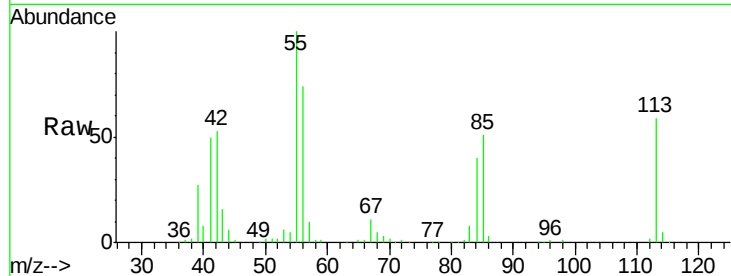
#35
Caprolactam
Concen: 62.464 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.4	152.8	192.8
56	126.9	105.9	145.9

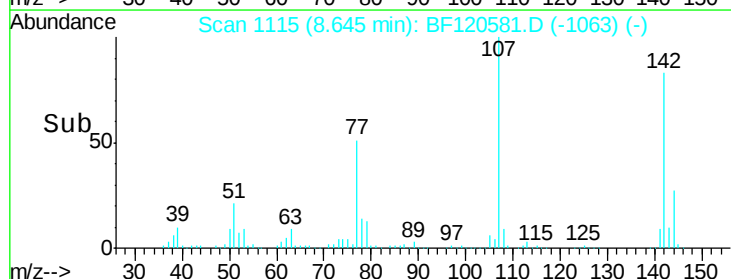
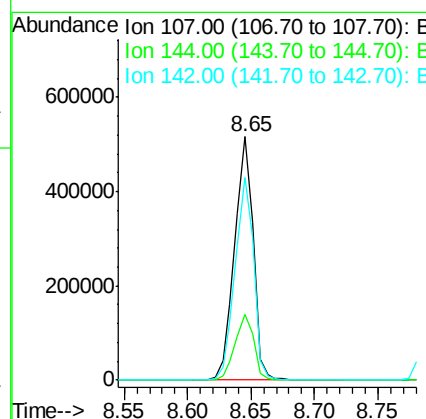
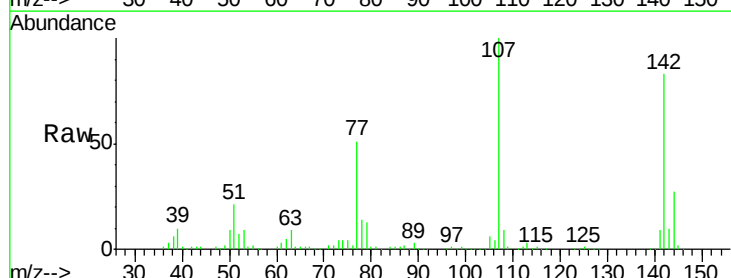
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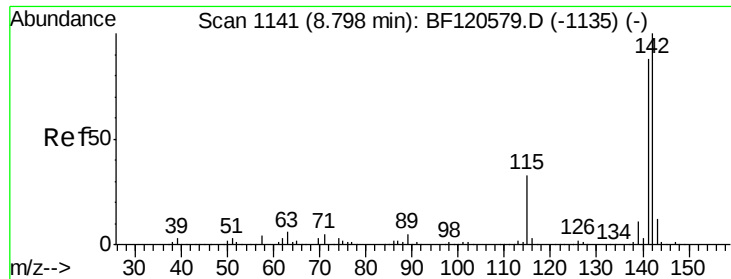
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#36
4-Chloro-3-methylphenol
Concen: 59.325 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.6	32.4
142	83.3	65.8	98.8





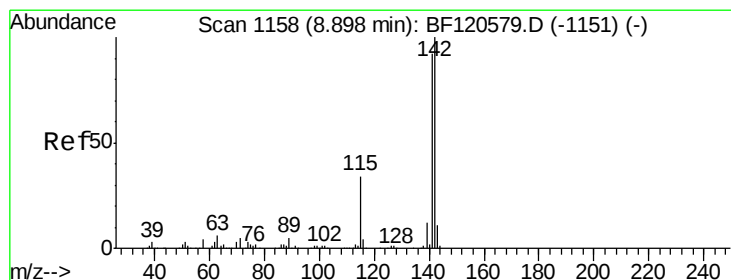
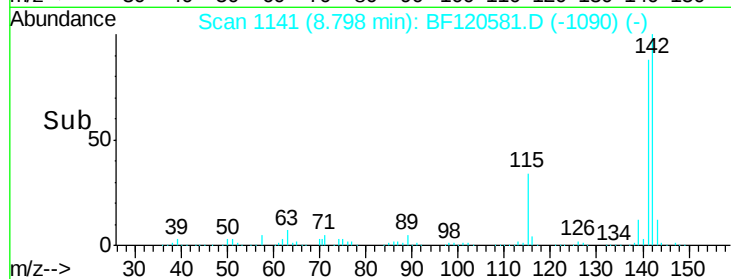
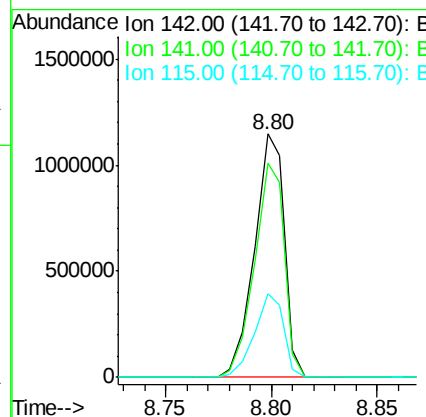
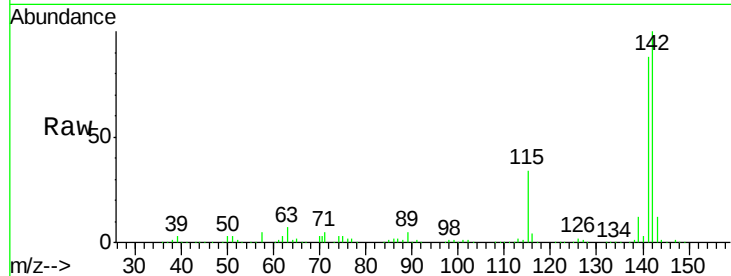
#37
2-Methylnaphthalene
Concen: 58.138 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.2
115	34.3	26.6	39.8

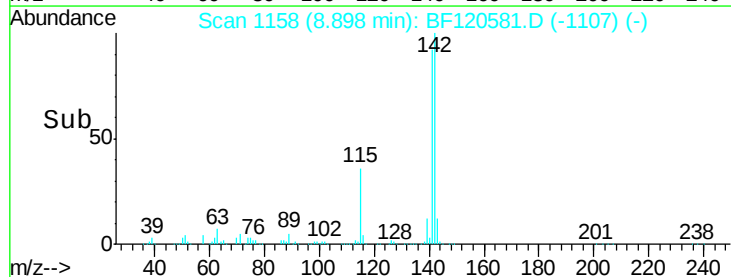
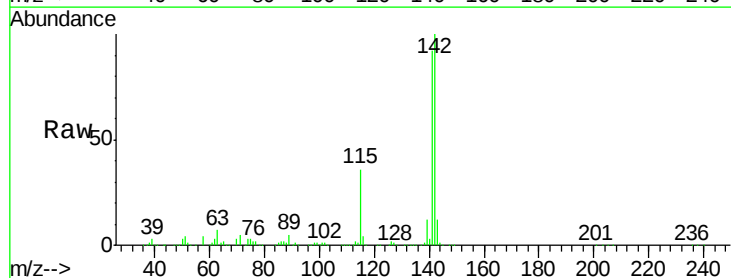
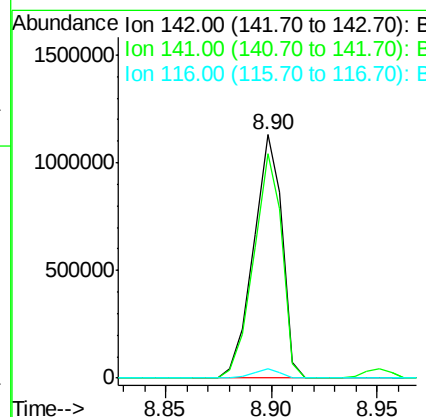
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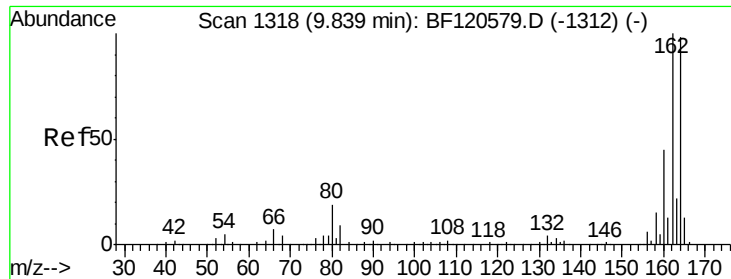
mohammad
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#38
1-Methylnaphthalene
Concen: 57.993 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9
116	4.0	2.9	4.3





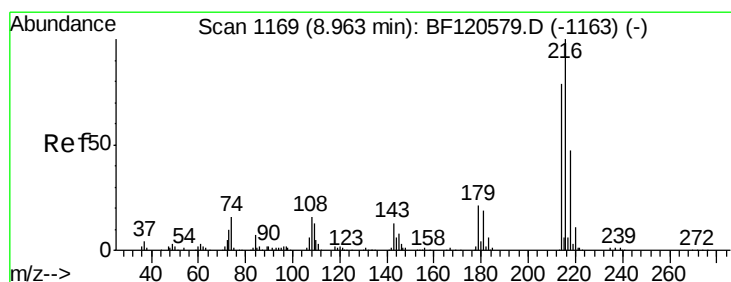
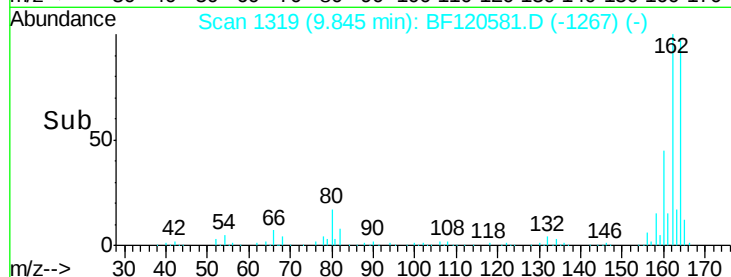
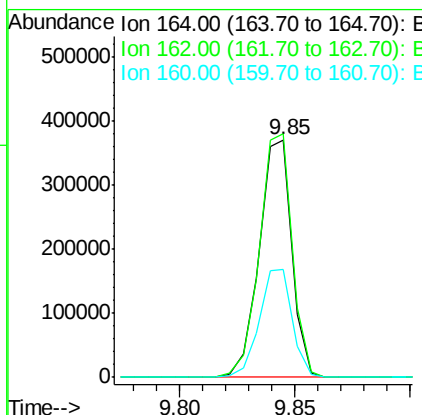
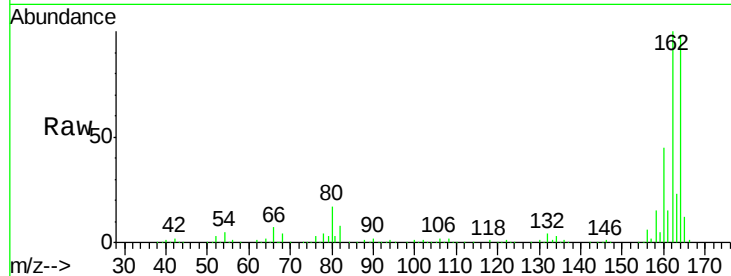
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.2
160	45.7	36.6	54.8

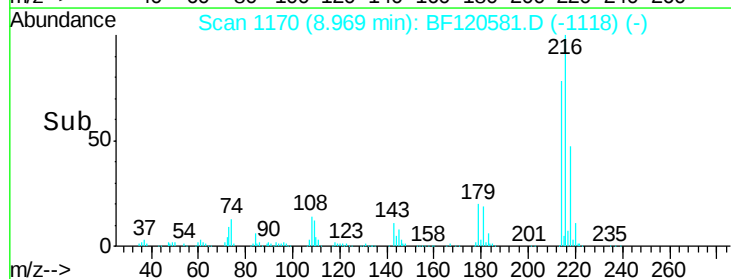
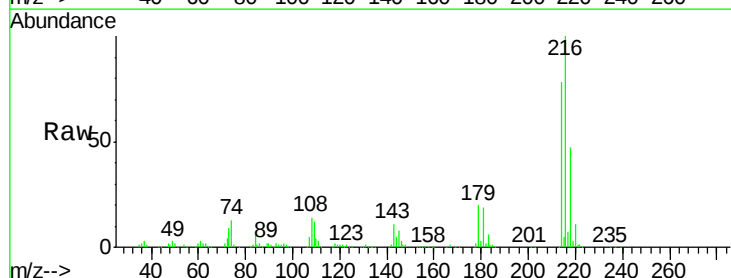
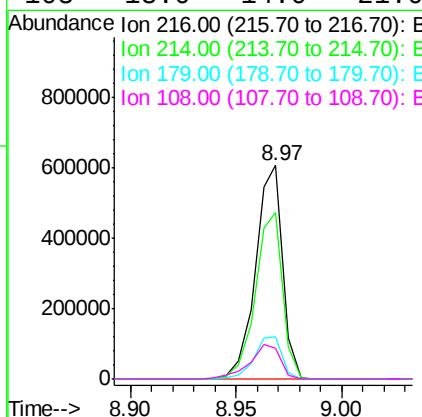
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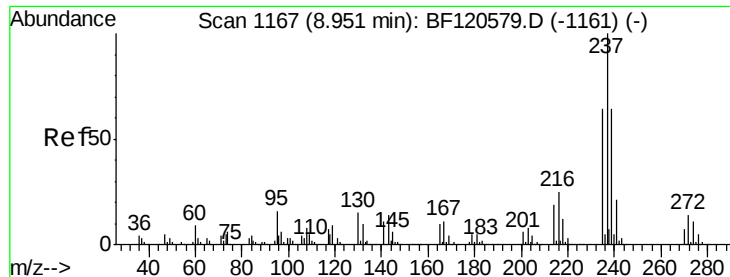
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.562 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	20.6	16.2	24.2
108	18.0	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 62.584 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

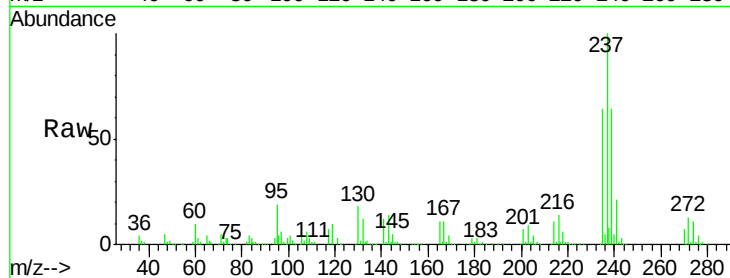
ClientSampleId :

SSTDICC060

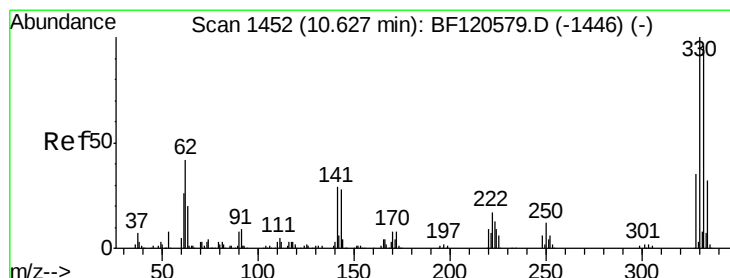
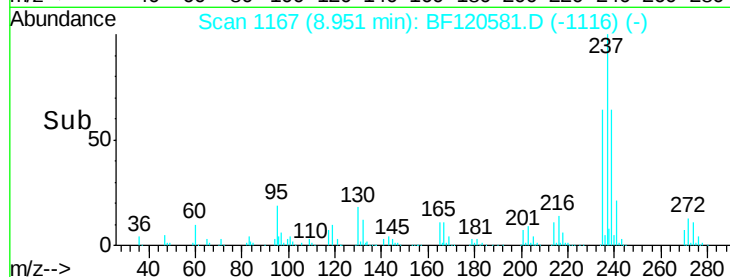
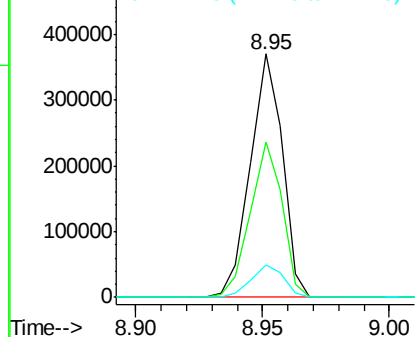
Tot Ion:	237	Resp:	327227
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.2	84.2
272	13.3	0.0	34.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.876 ng

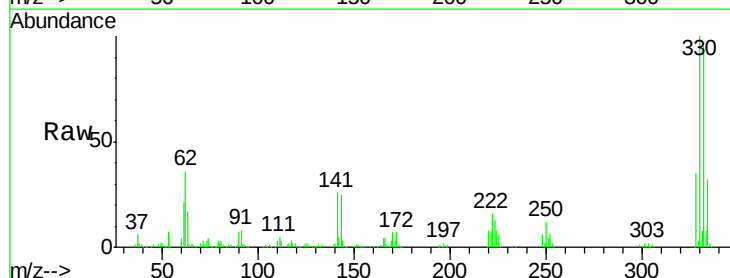
RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

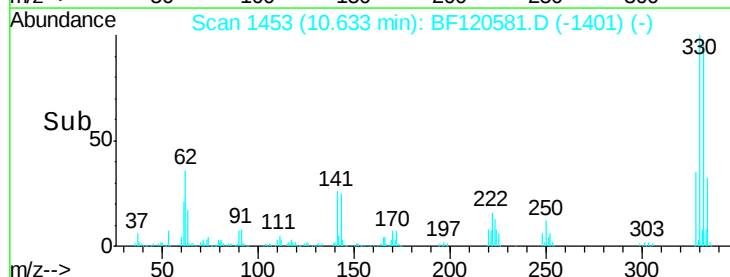
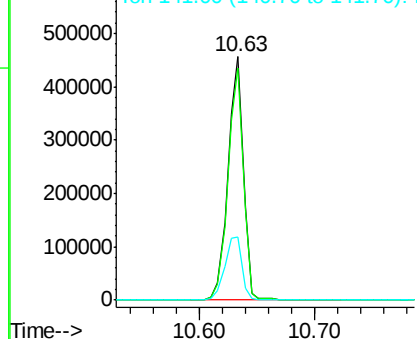
Lab File: BF120581.D

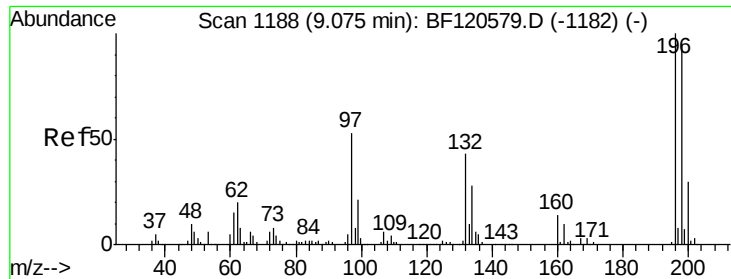
Acq: 9 Jun 2020 15:38

Tgt Ion:	330	Resp:	422685
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.4
141	29.1	23.5	35.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





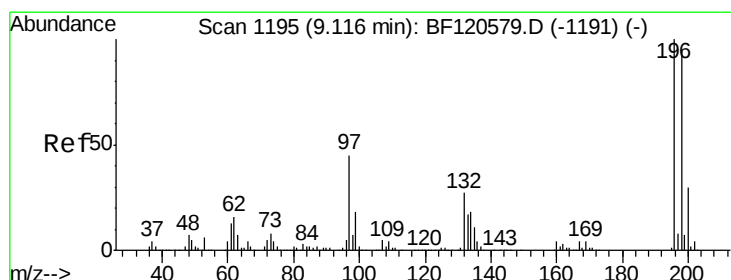
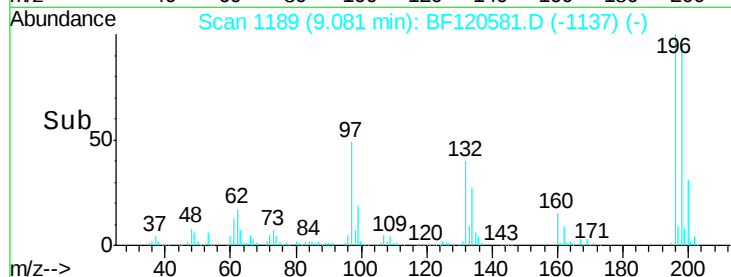
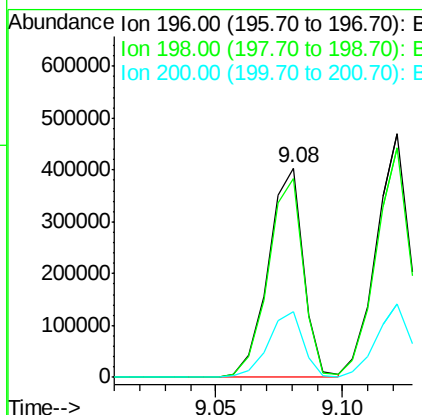
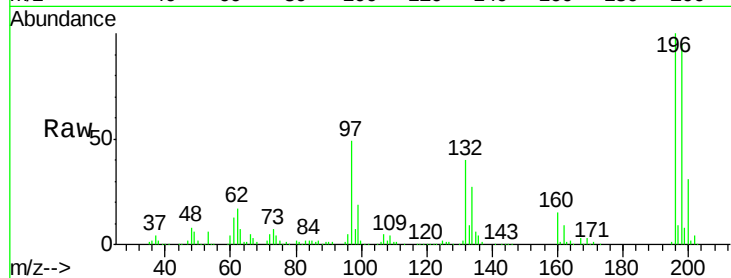
#43
 2,4,6-Trichlorophenol
 Concen: 57.176 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	387398		
198	95.1	76.2	114.2	
200	31.3	24.2	36.4	

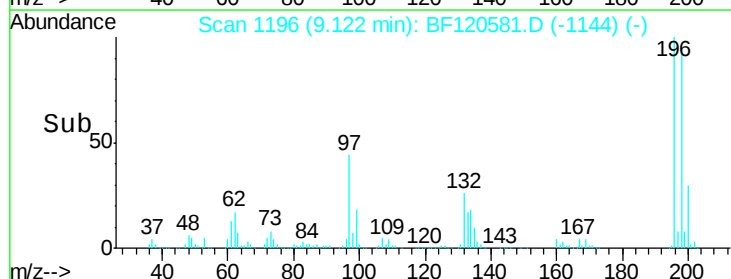
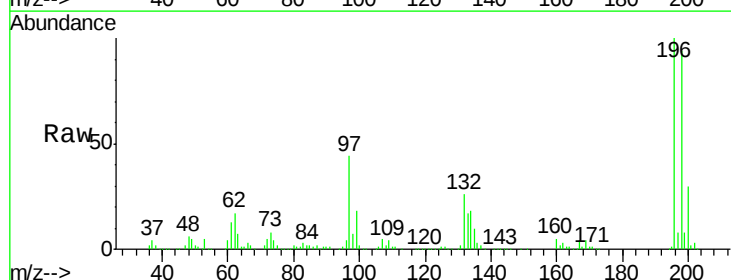
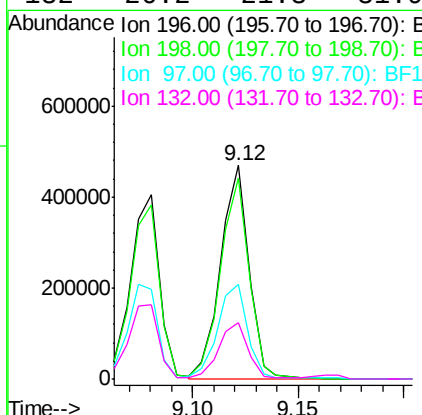
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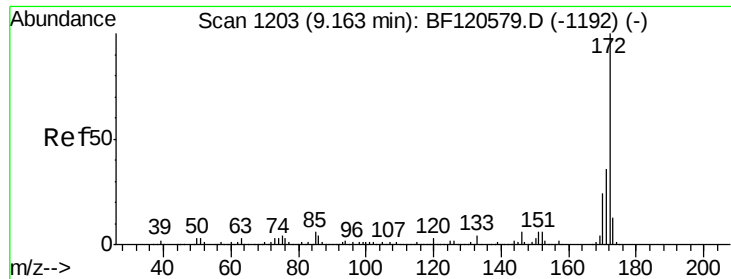
mohammad
 6/10/2020 11:50:58 AM



#44
 2,4,5-Trichlorophenol
 Concen: 56.825 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	436434		
198	94.0	76.2	114.4	
97	44.2	36.2	54.4	
132	26.2	21.3	31.9	





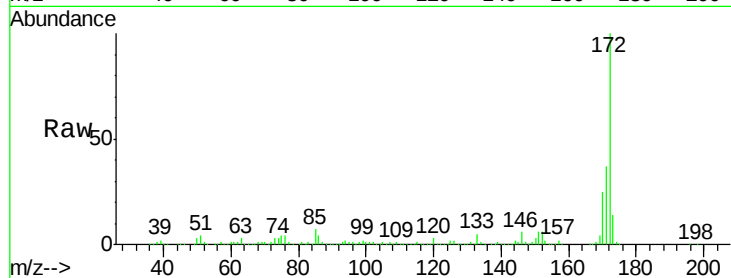
#45
2-Fluorobiphenyl
Concen: 97.687 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

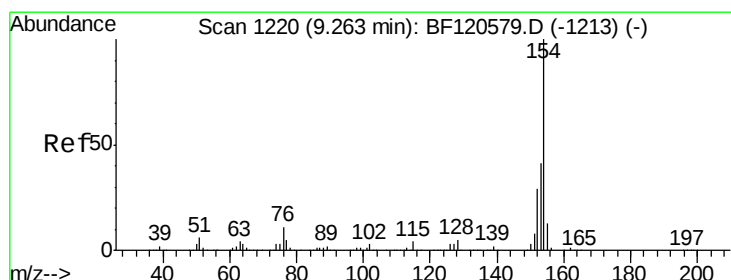
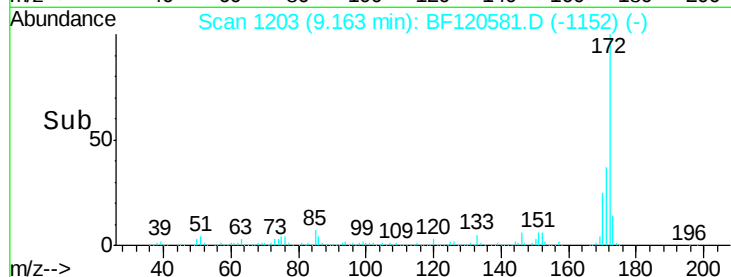
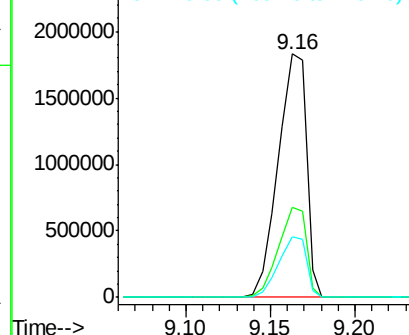
Tot Ion	Ion	Ratio	Lower	Upper
2103306	172	100		
	171	36.7	29.0	43.4
	170	24.8	19.5	29.3

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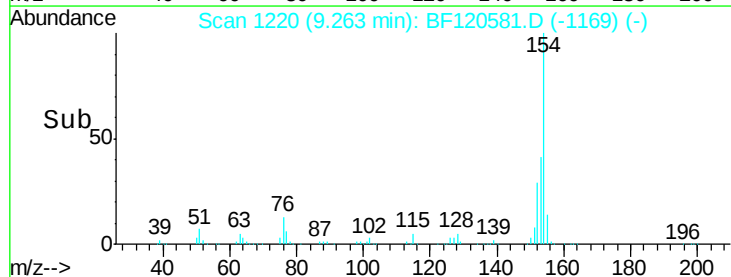
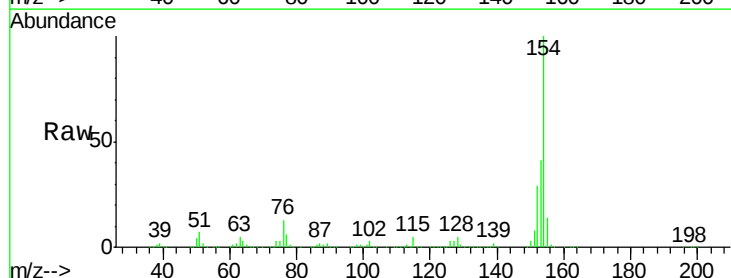
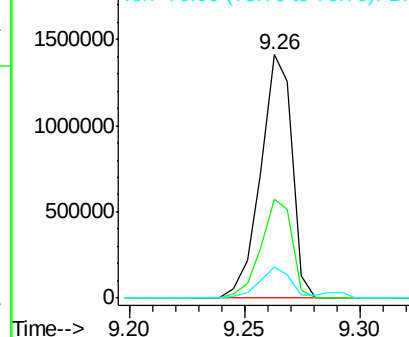
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

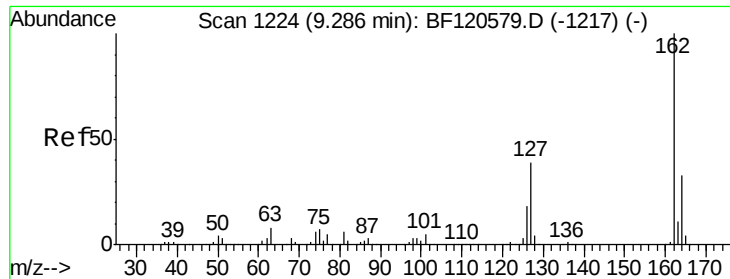


#46
1,1'-Biphenyl
Concen: 55.786 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
1338772	154	100		
	153	40.8	20.7	60.7
	76	12.9	0.0	31.4

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





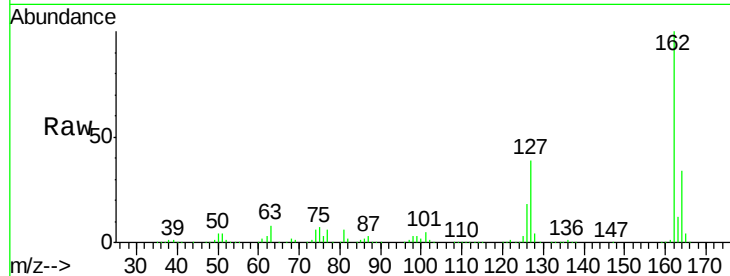
#47
2-Chloronaphthalene
Concen: 55.390 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

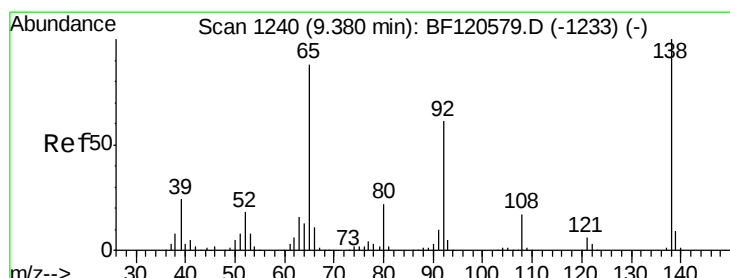
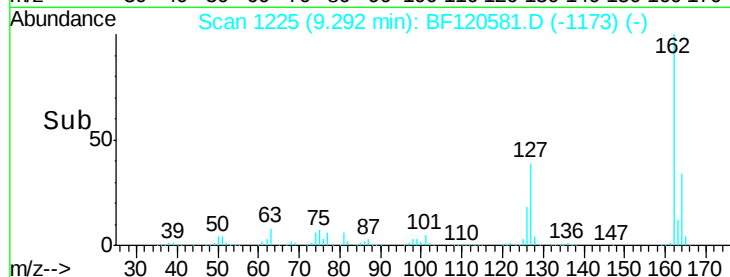
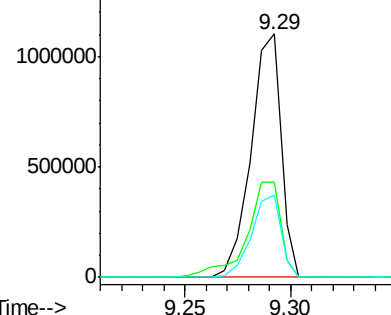
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	38.9	31.2	46.8	
164	34.0	26.6	39.8	

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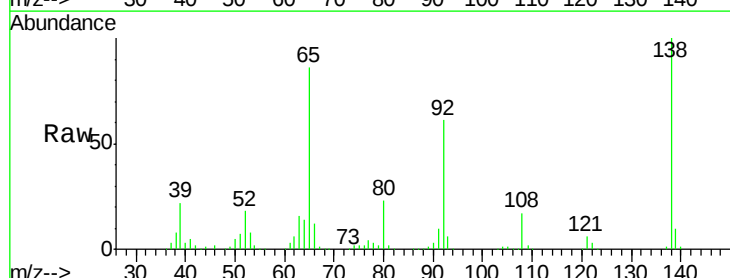


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

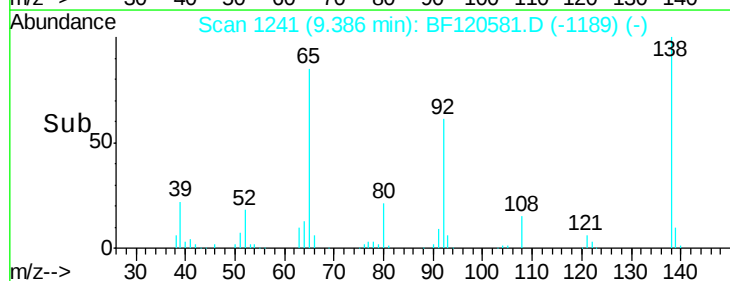
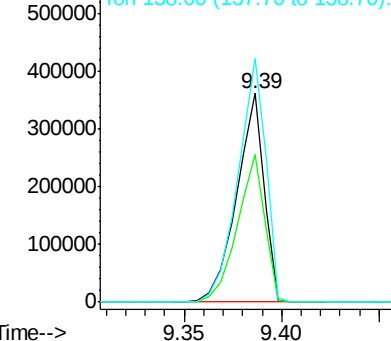


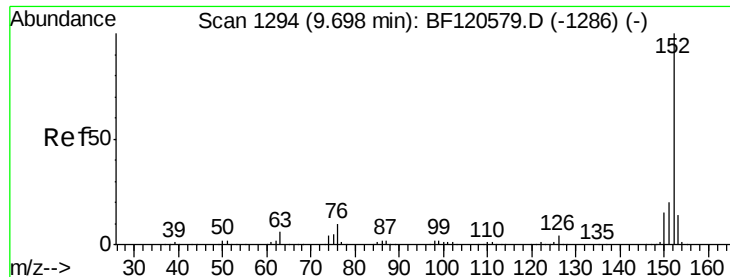
#48
2-Nitroaniline
Concen: 58.024 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	70.8	55.6	83.4	
138	116.7	91.2	136.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.456 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1693471

Ion Ratio Lower Upper

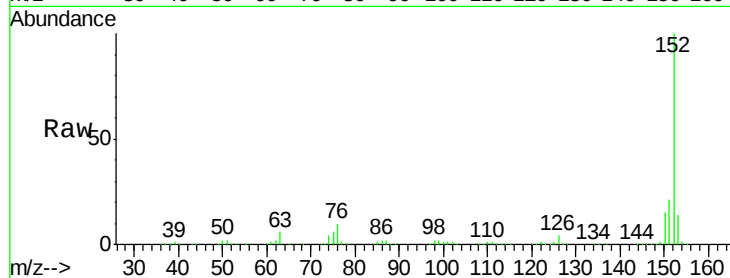
152 100

151 21.0 16.3 24.5

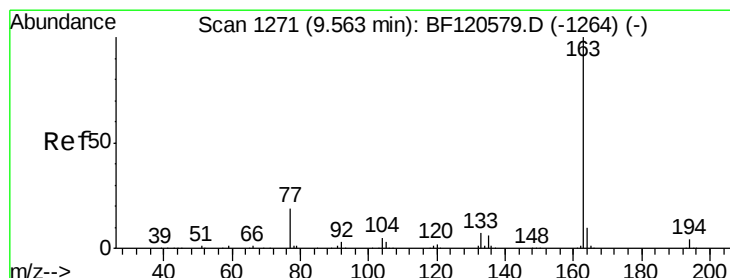
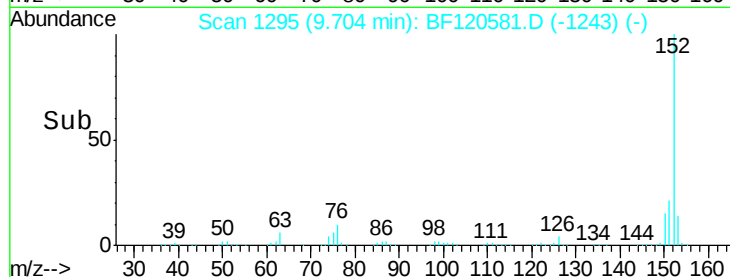
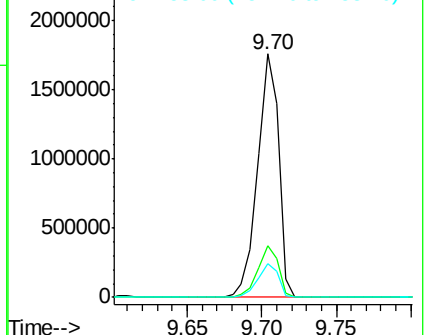
153 14.0 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.983 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

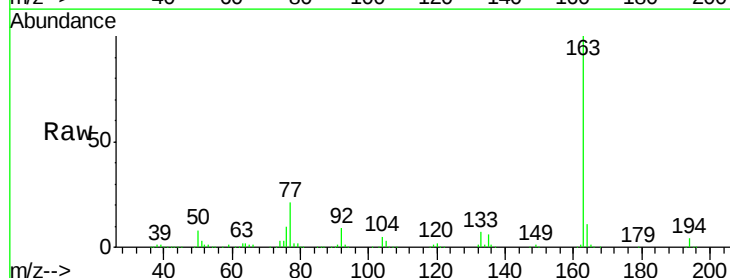
Tgt Ion:163 Resp: 1324248

Ion Ratio Lower Upper

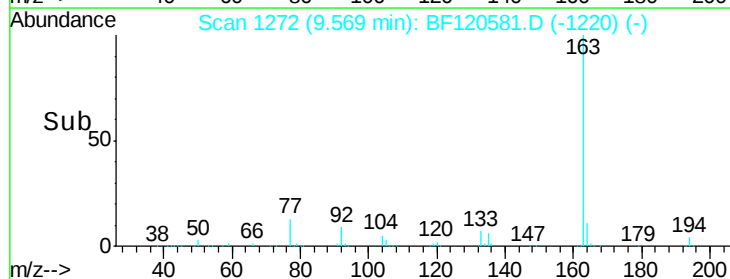
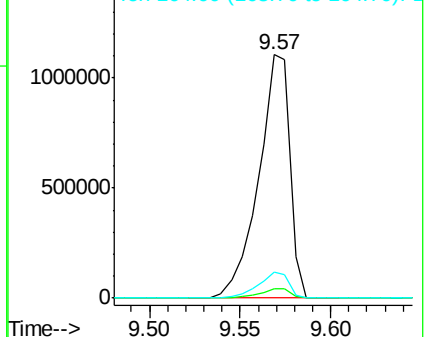
163 100

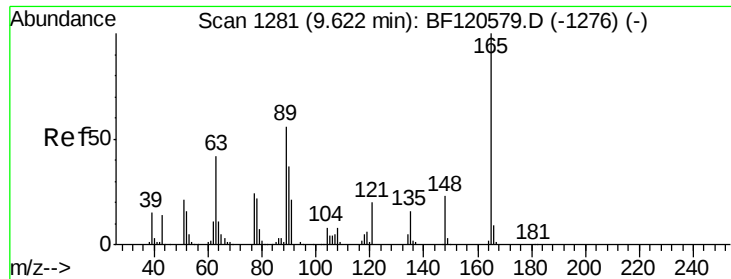
194 4.0 3.1 4.7

164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





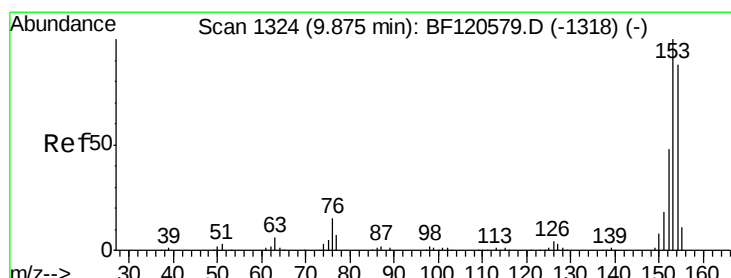
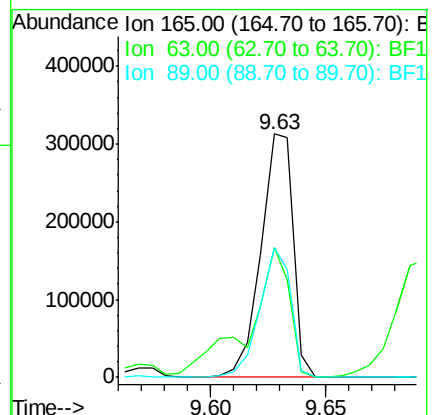
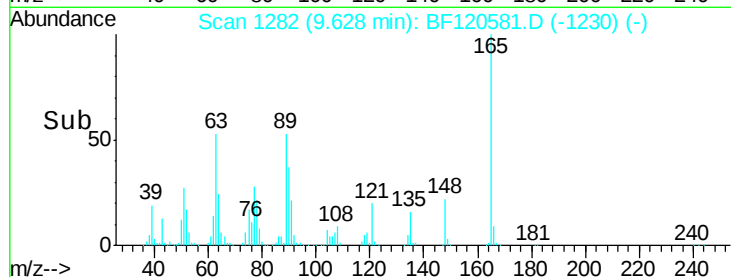
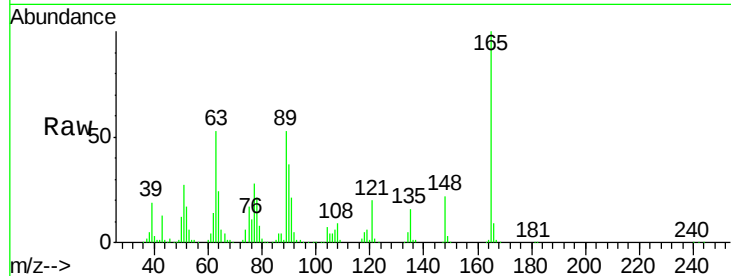
#51
 2,6-Dinitrotoluene
 Concen: 60.175 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	165	Resp:	305417
Ion Ratio	Lower	Upper	
165	100		
63	53.2	43.8	65.8
89	53.4	44.9	67.3

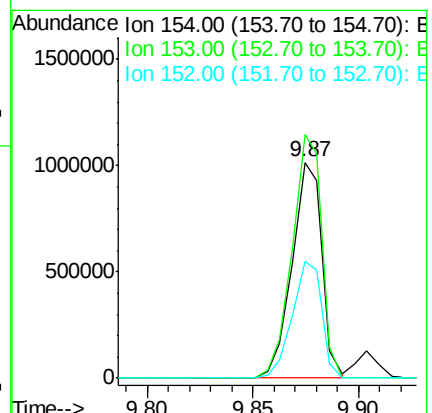
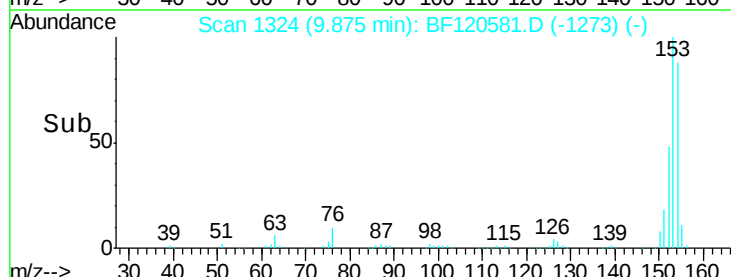
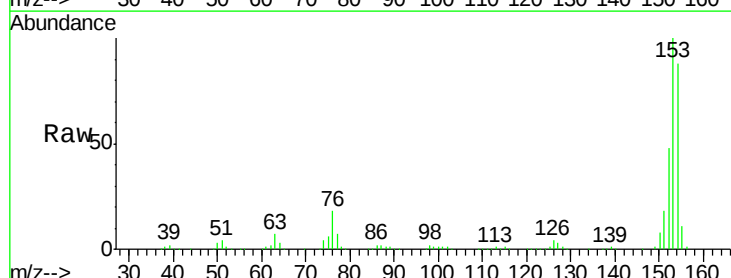
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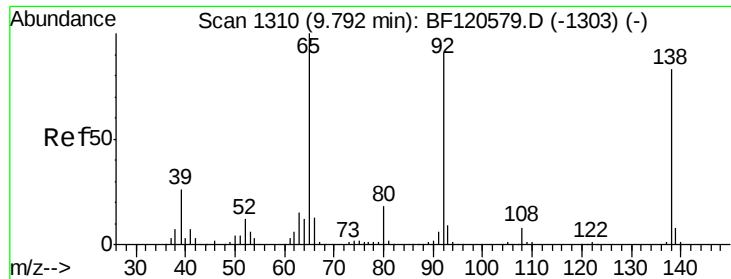
mohammad
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#52
 Acenaphthene
 Concen: 52.524 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion:	154	Resp:	1001052
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.4	135.6
152	54.0	43.0	64.6





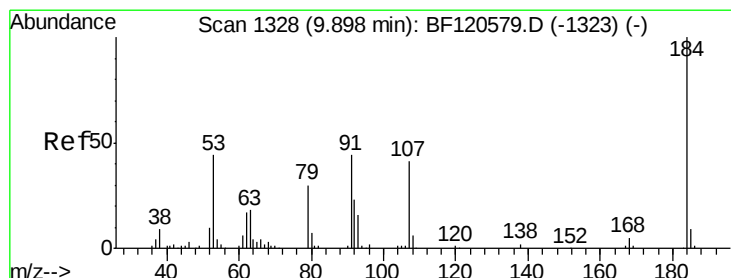
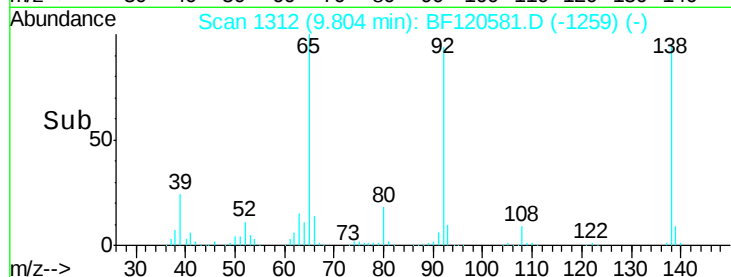
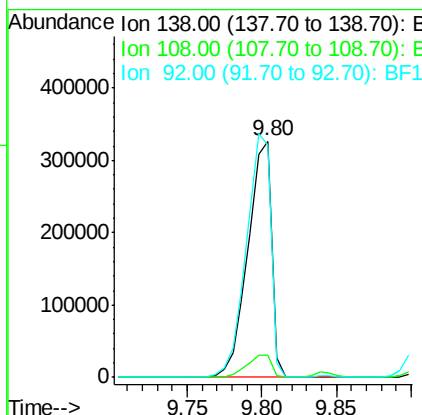
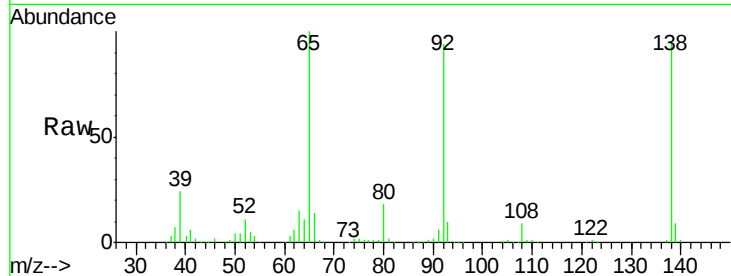
#53
3-Nitroaniline
Concen: 60.131 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.7	11.5
92	98.5	87.4	131.0

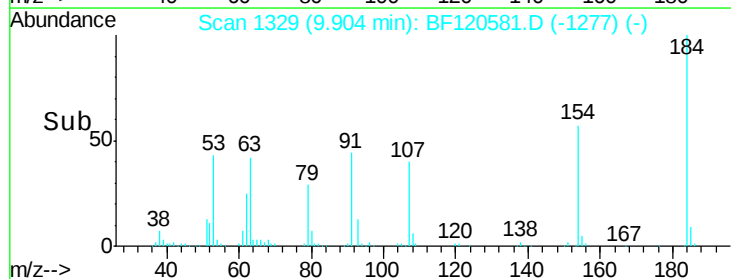
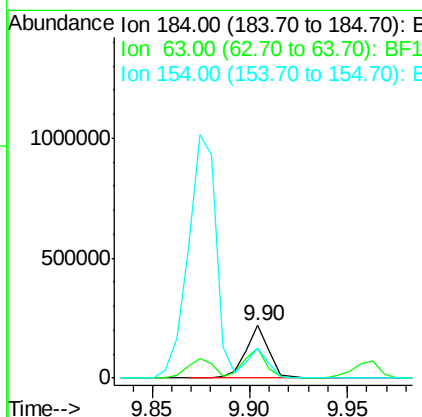
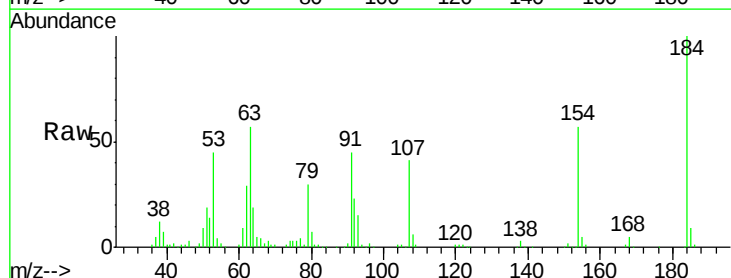
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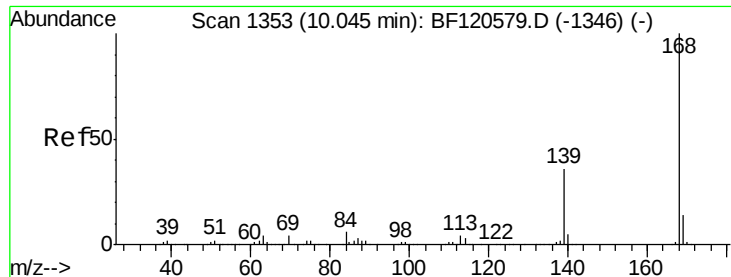
mohammad
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#54
2,4-Dinitrophenol
Concen: 105.793 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	46.2	69.4
154	57.4	45.9	68.9





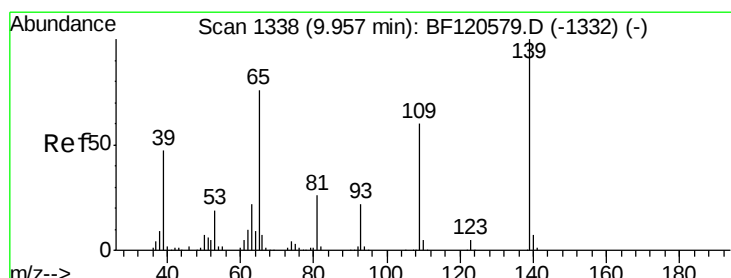
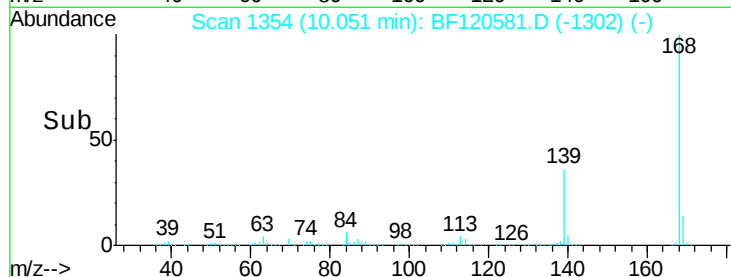
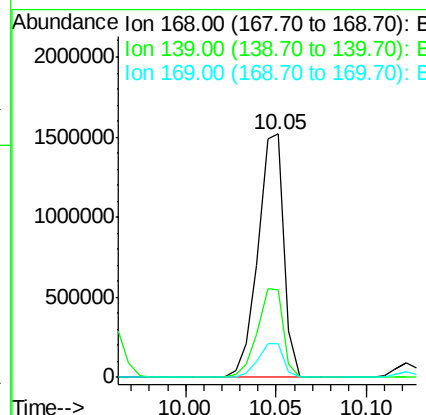
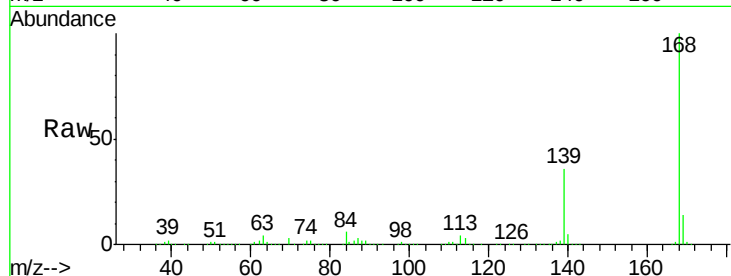
#55
Dibenzofuran
Concen: 54.488 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.1	43.7
169	13.7	11.0	16.6

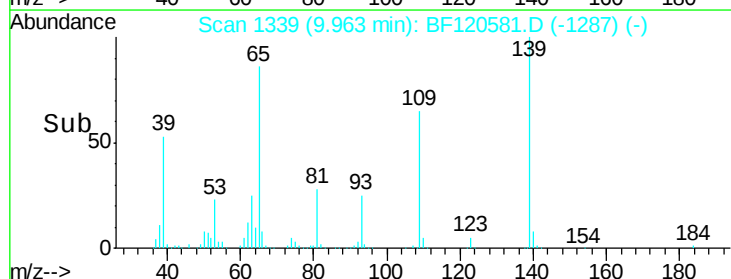
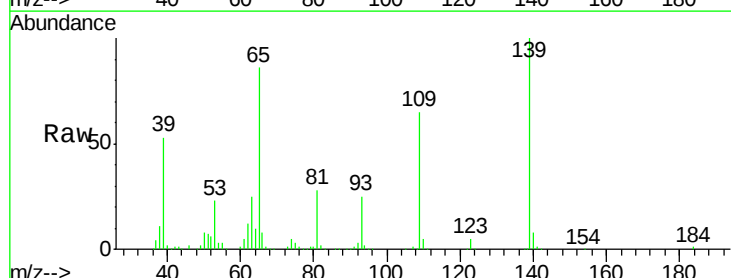
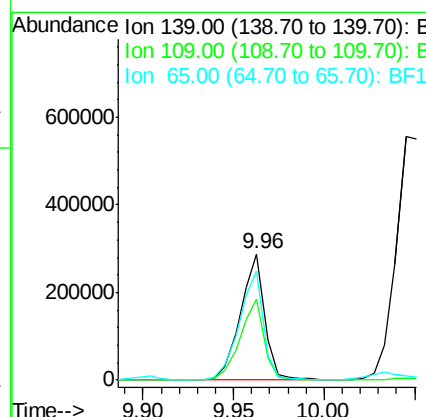
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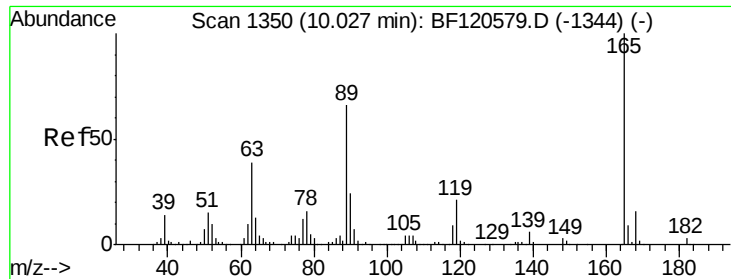
mohammad
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#56
4-Nitrophenol
Concen: 58.806 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	39.8	79.8
65	86.2	56.2	96.2





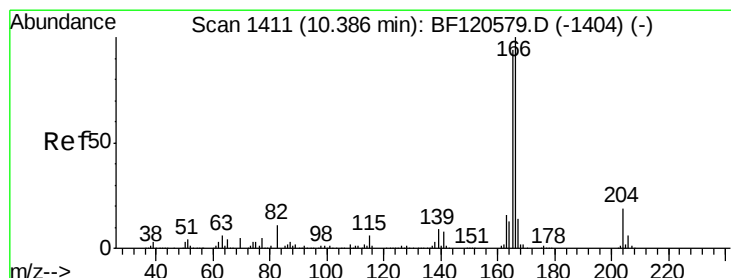
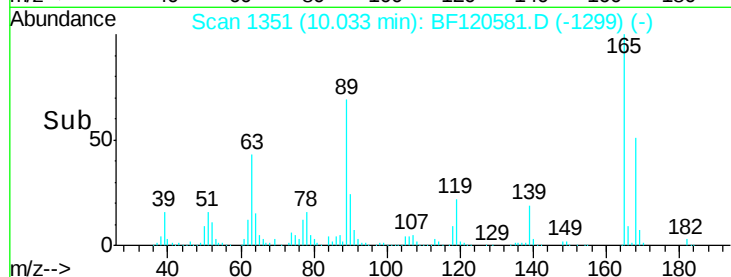
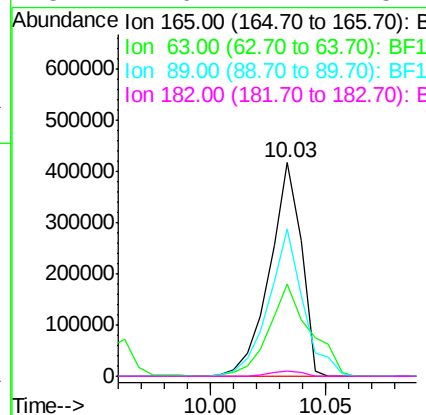
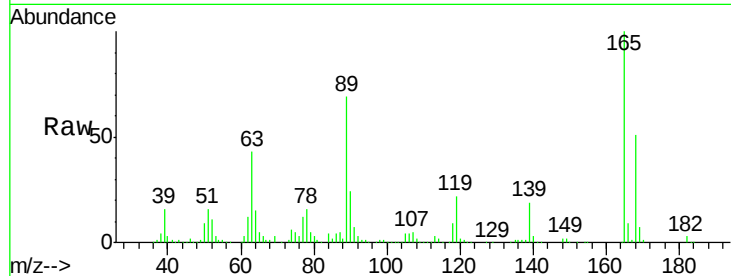
#57
2,4-Dinitrotoluene
Concen: 61.194 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	397502		
63	43.3		31.1	46.7
89	69.0		52.6	79.0
182	2.6		2.1	3.1

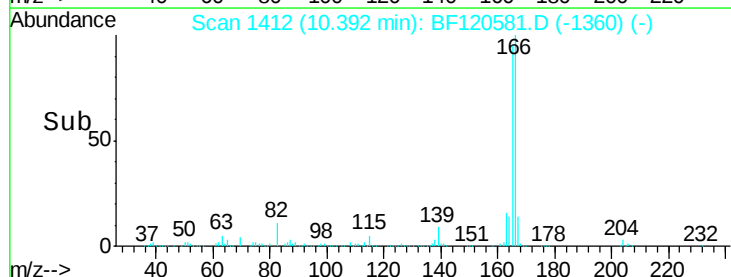
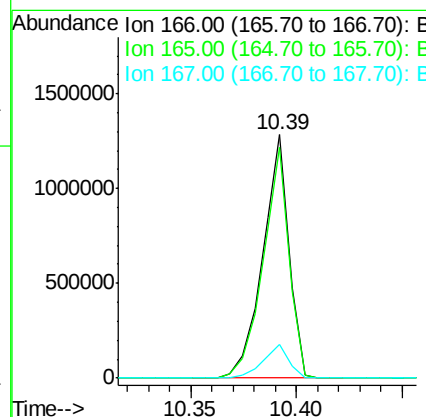
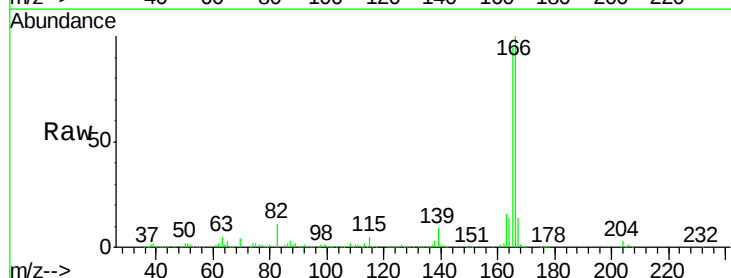
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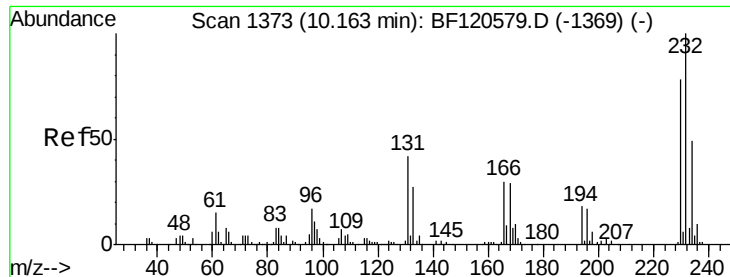
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#58
Fluorene
Concen: 53.132 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1104294		
165	94.7		74.8	112.2
167	13.8		11.2	16.8





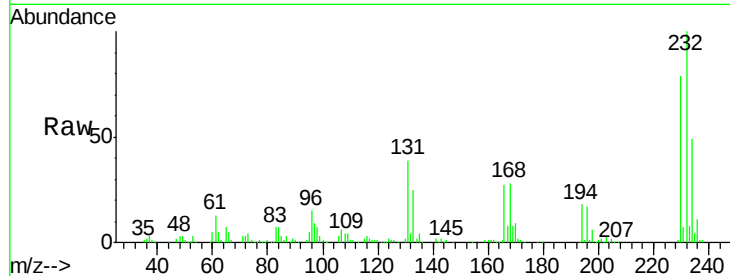
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.796 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

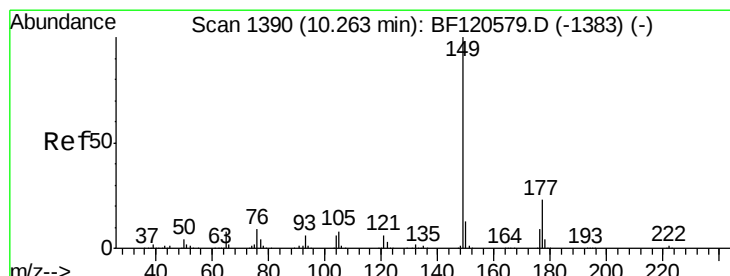
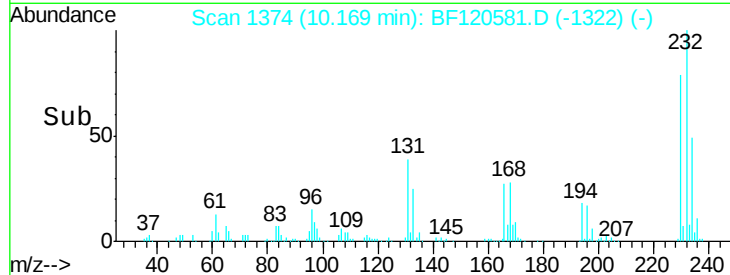
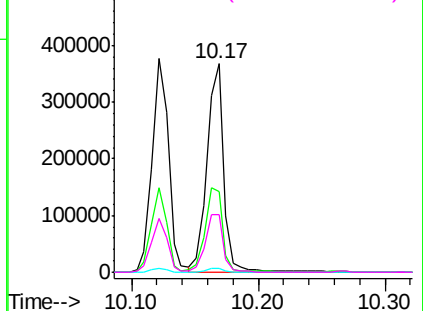
Tot Ion	Ratio	Resp	Lower	Upper
232	100	339915		
131	43.5	33.1	49.7	
130	2.0	1.6	2.4	
166	29.6	23.1	34.7	

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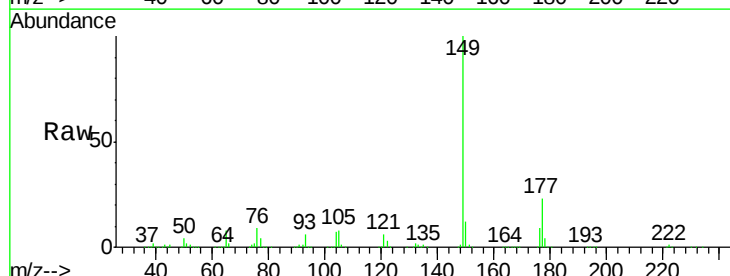


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

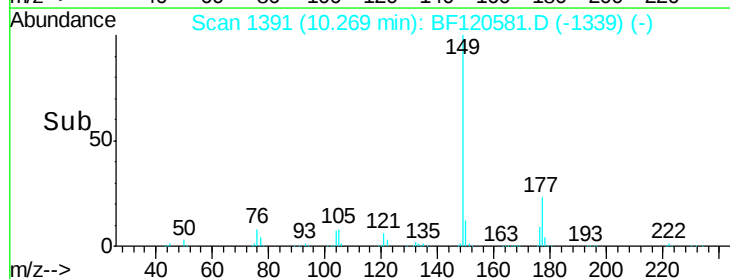
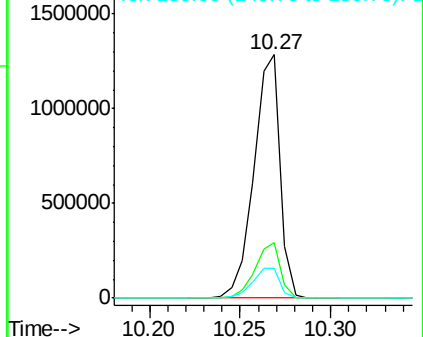


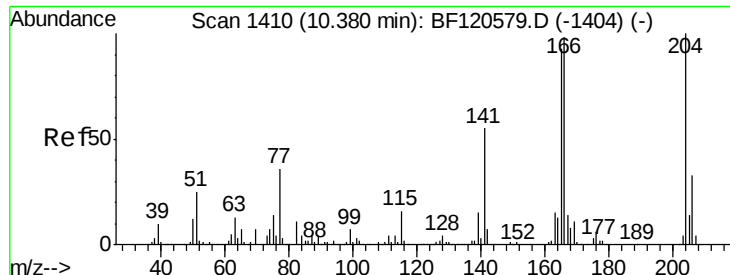
#60
Diethylphthalate
Concen: 55.689 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1285263		
177	22.8	18.2	27.2	
150	12.5	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





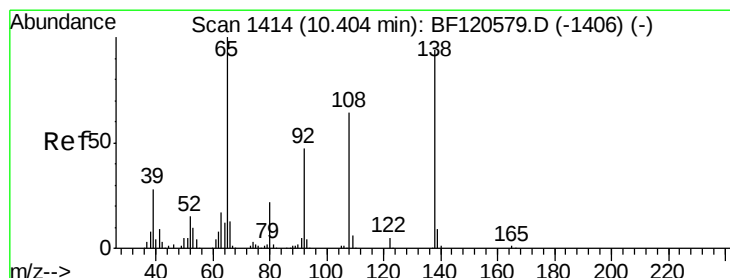
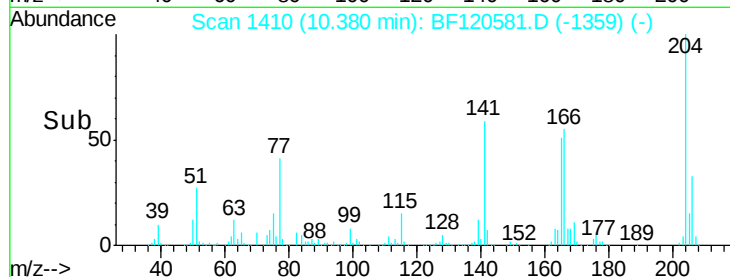
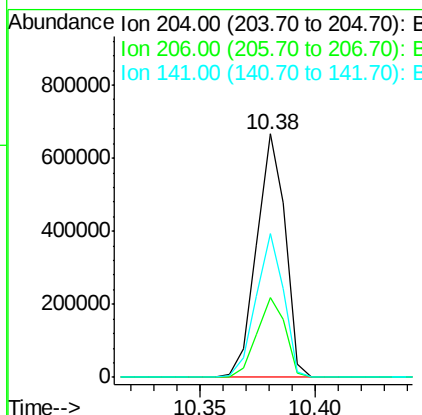
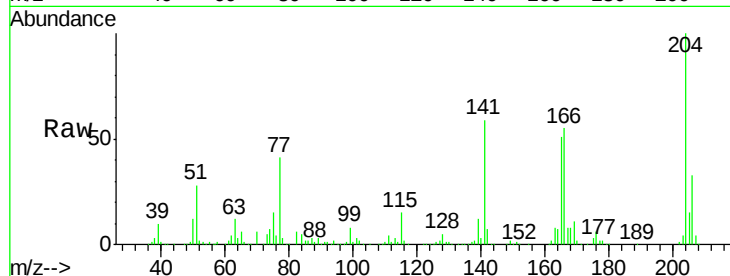
#61
4-Chlorophenyl-phenylether
Concen: 51.191 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	58.9	44.2	66.2

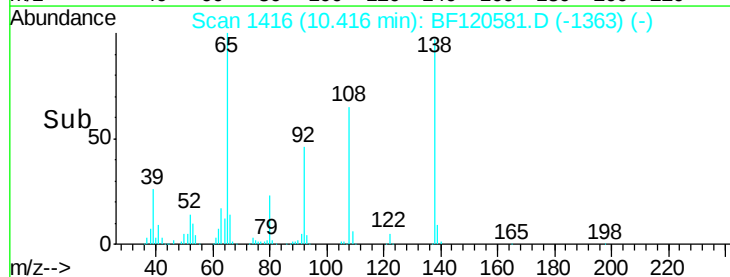
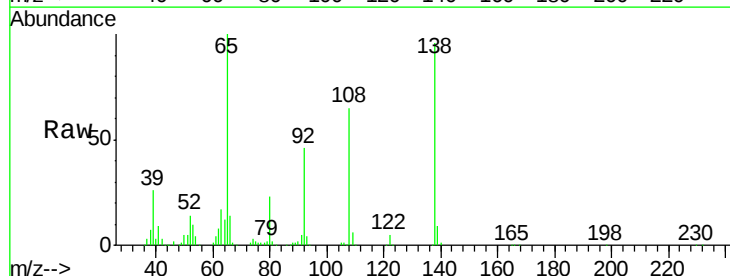
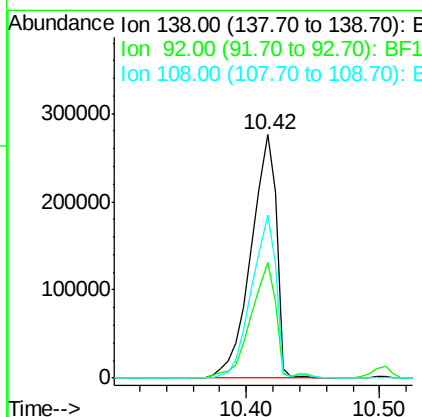
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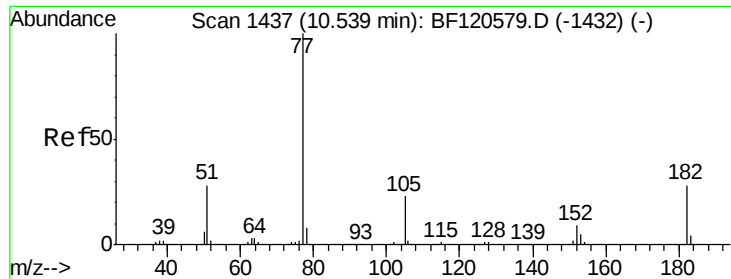
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#62
4-Nitroaniline
Concen: 64.127 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.6	69.6
108	67.1	47.9	87.9





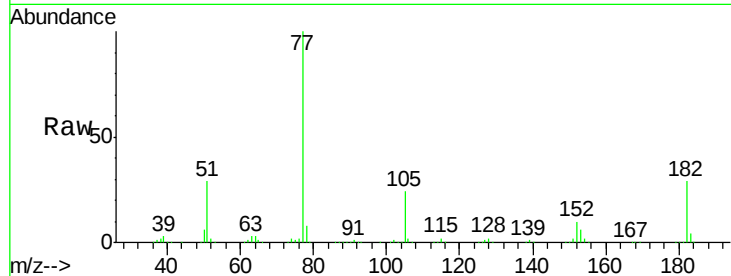
#63
Azobenzene
Concen: 54.348 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

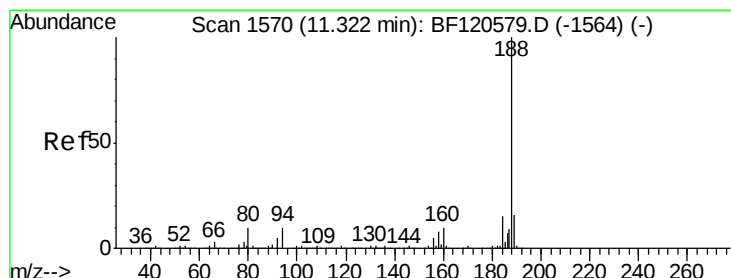
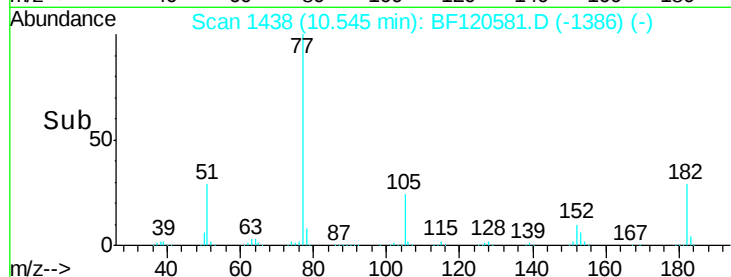
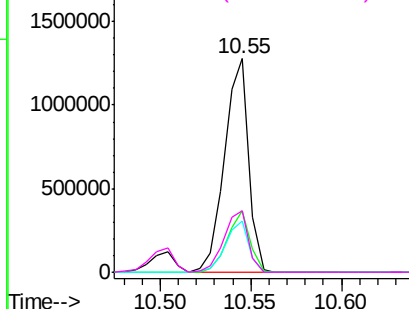
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.9	7.5	47.5	
105	24.2	3.3	43.3	
51	28.8	8.6	48.6	

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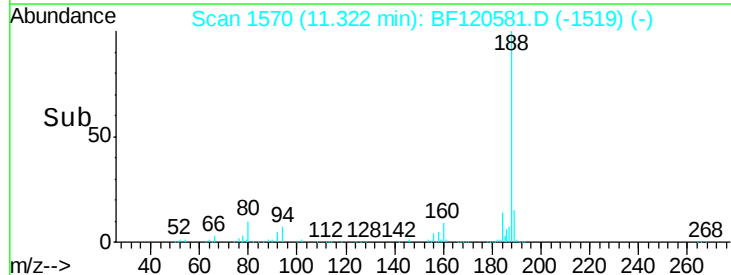
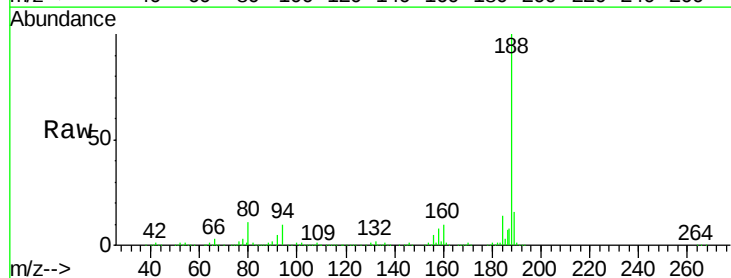
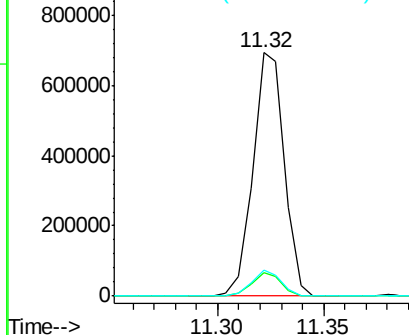
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

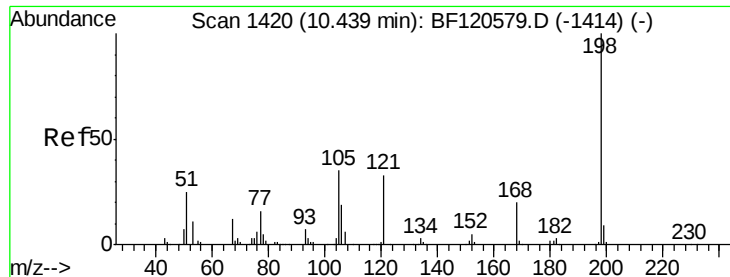


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	7.7	11.5	
80	10.6	8.1	12.1	

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





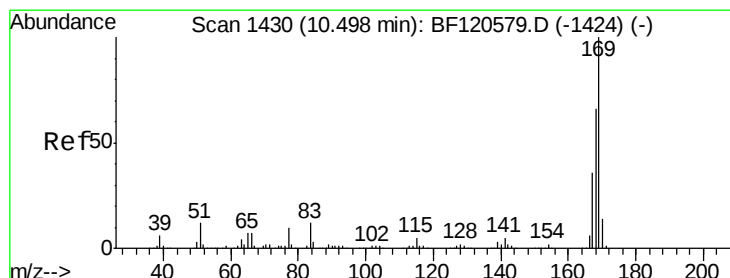
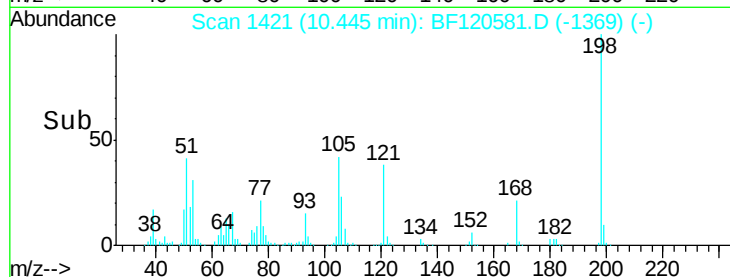
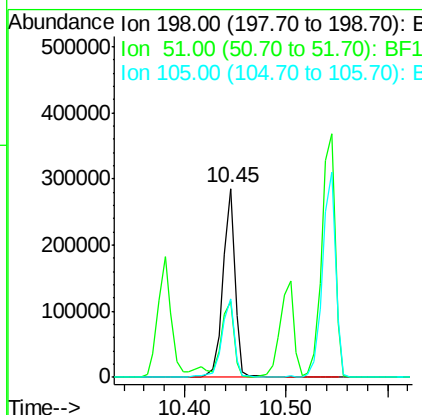
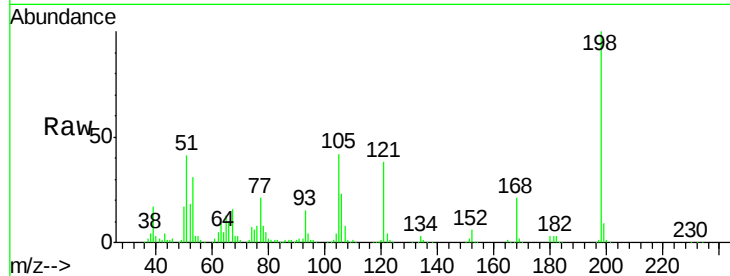
#65
4,6-Dinitro-2-methylphenol
Concen: 90.781 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.5	12.3	52.3
105	41.6	15.8	55.8

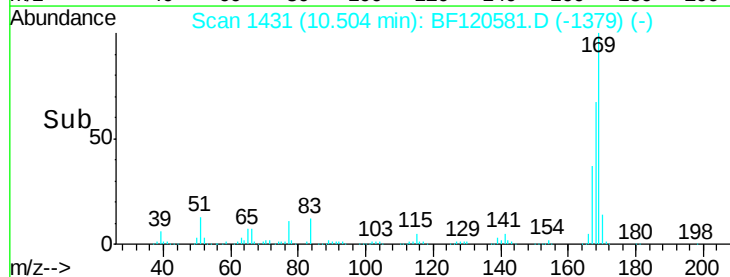
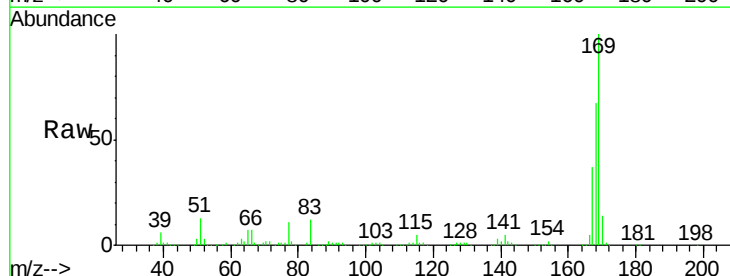
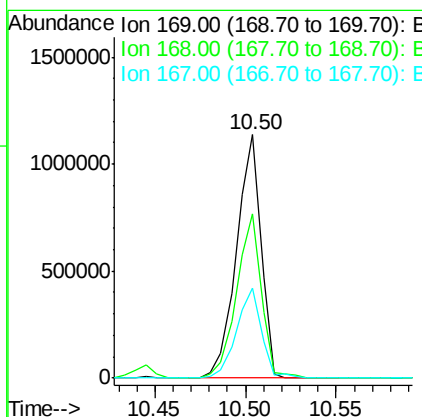
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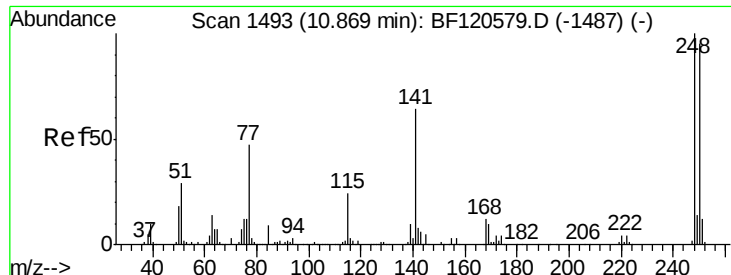
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#66
n-Nitrosodiphenylamine
Concen: 54.109 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.9	79.3
167	37.1	29.2	43.8





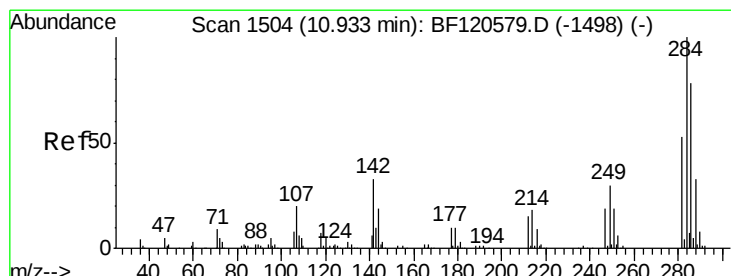
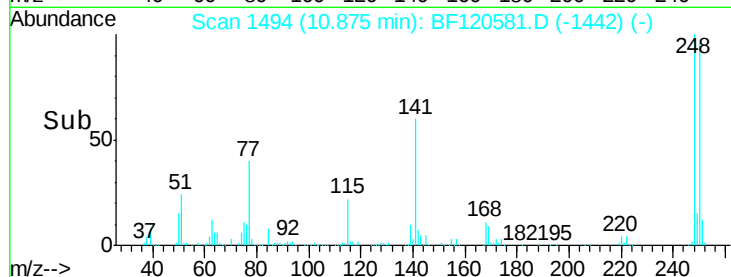
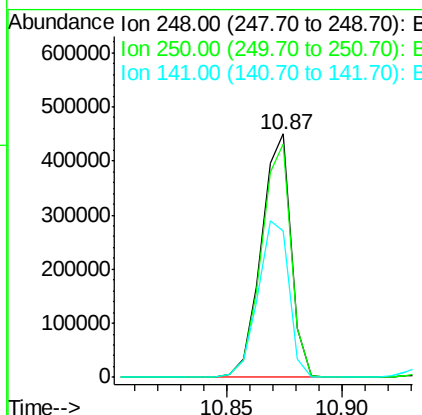
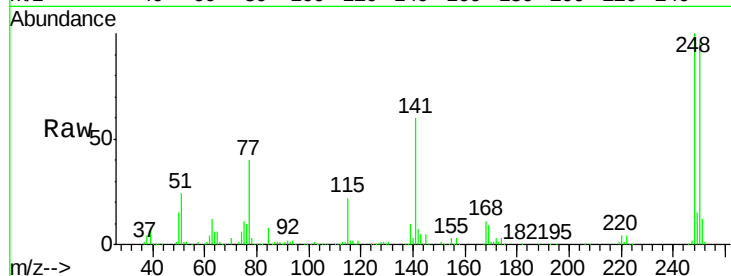
#67
 4-Bromophenyl-phenylether
 Concen: 56.277 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	75.8	113.8
141	59.9	51.3	76.9

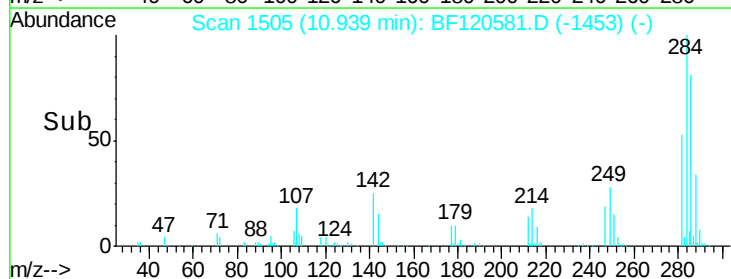
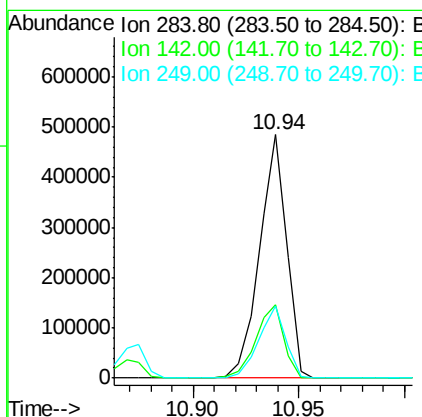
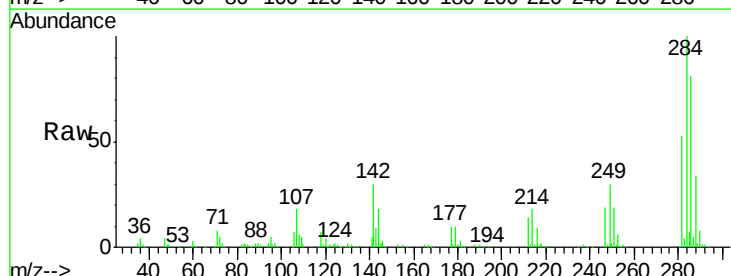
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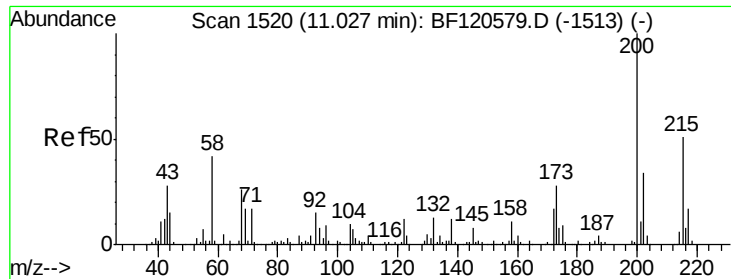
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#68
 Hexachlorobenzene
 Concen: 56.207 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.5	39.7
249	29.6	24.1	36.1





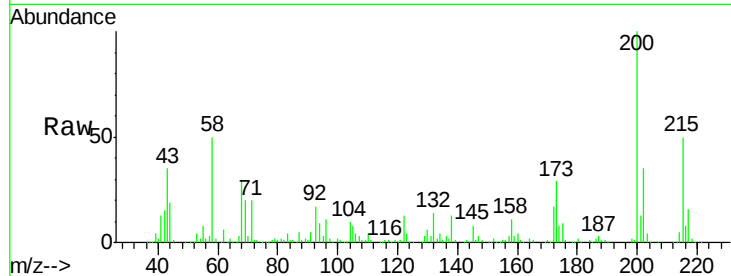
#69
Atrazine
Concen: 52.215 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
200	100	291475		
173	28.9	7.9	47.9	
215	50.0	31.2	71.2	

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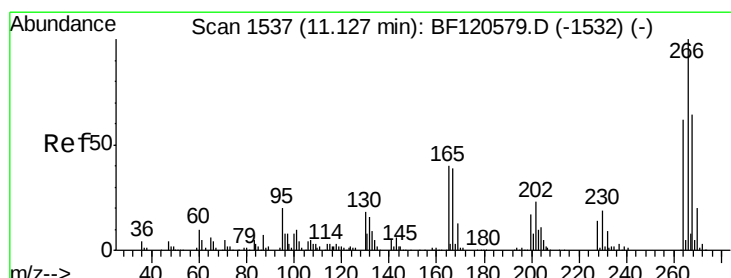
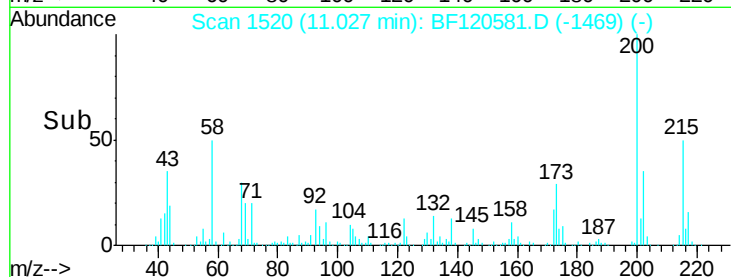
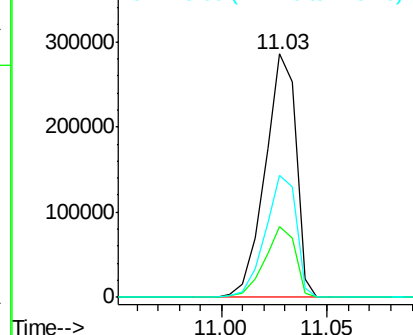


Abundance

Ion 200.00 (199.70 to 200.70): E

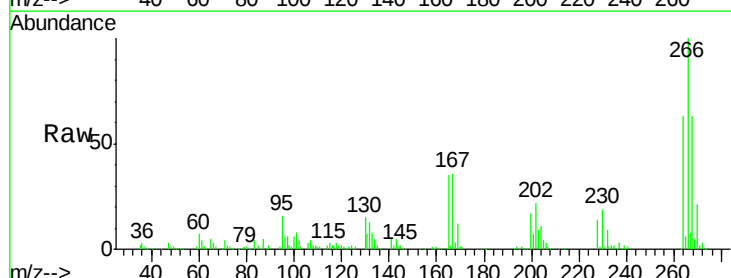
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 54.592 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	255816		
268	63.3	51.3	76.9	
264	63.0	49.4	74.2	

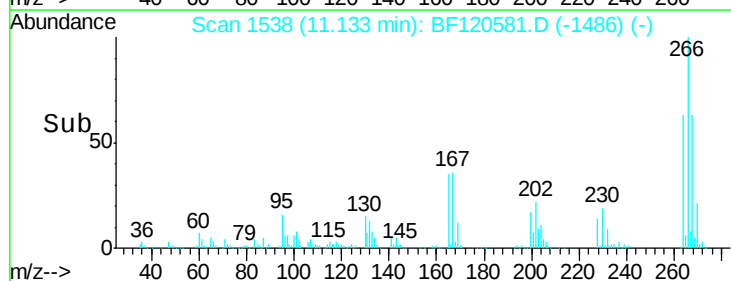
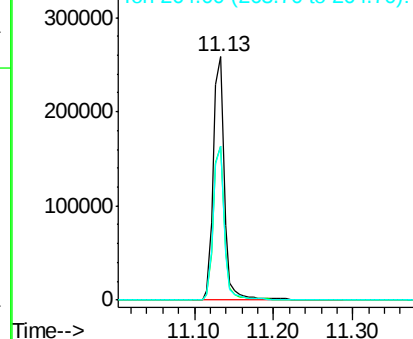


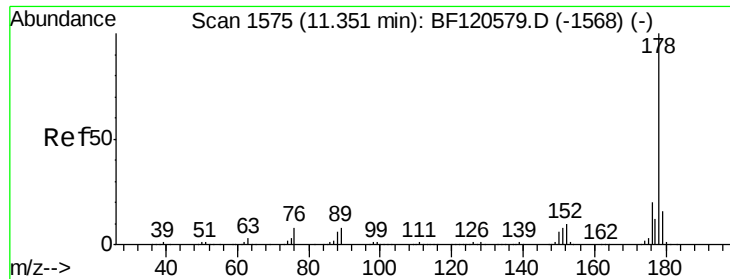
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





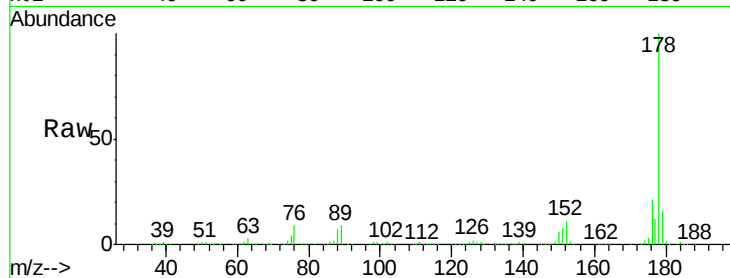
#71
Phenanthrene
Concen: 55.215 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

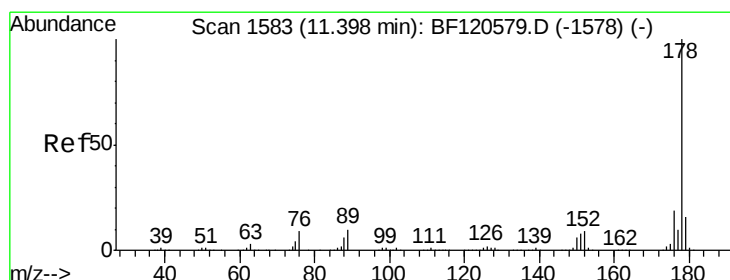
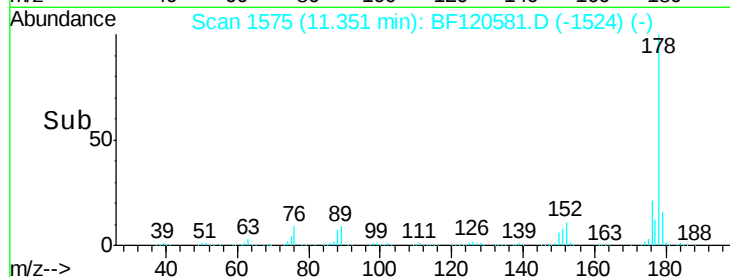
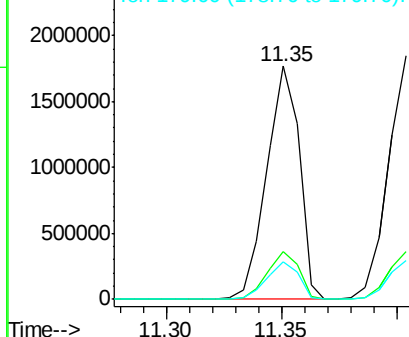
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.3	12.6	18.8

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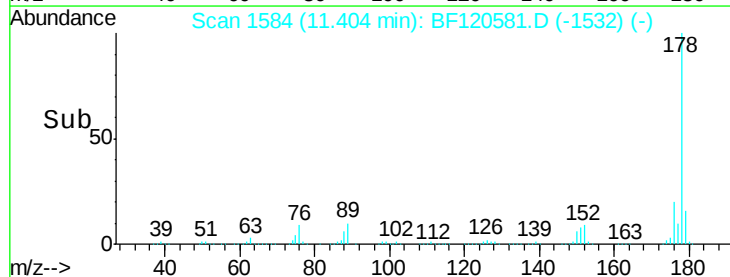
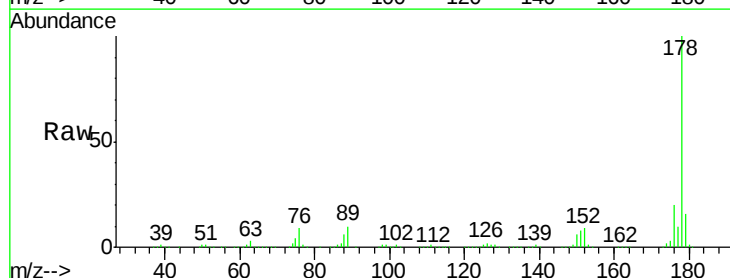
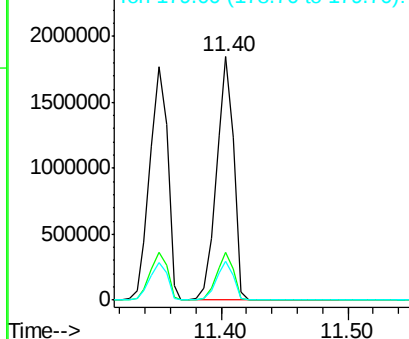
Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

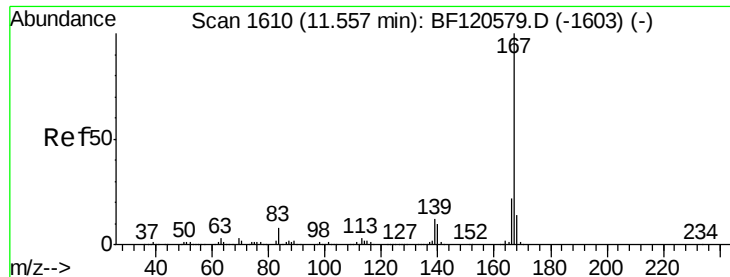


#72
Anthracene
Concen: 55.813 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	16.1	12.7	19.1

Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





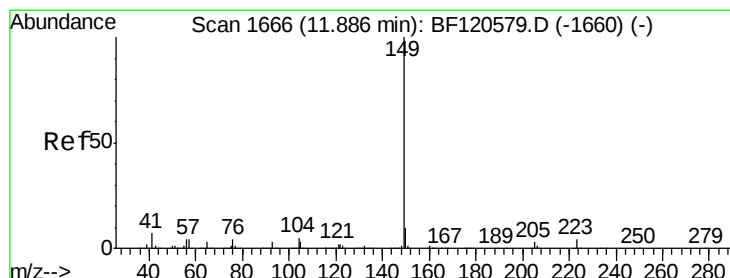
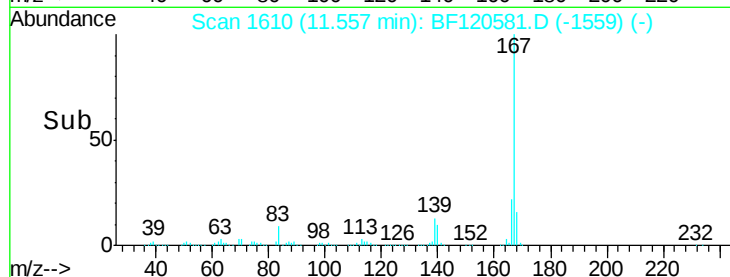
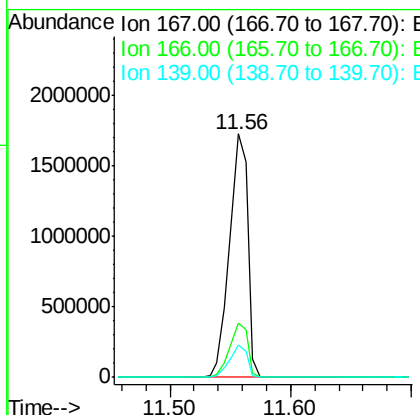
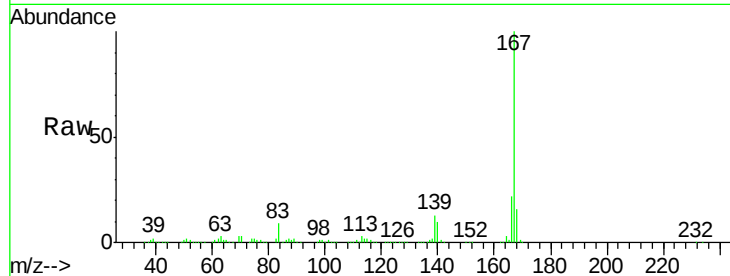
#73
 Carbazole
 Concen: 59.831 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.4	17.8	26.8	
139	13.1	10.0	15.0	

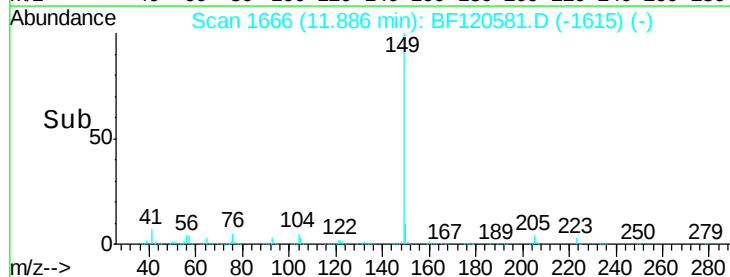
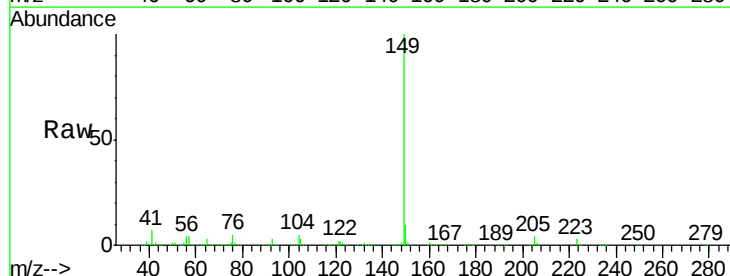
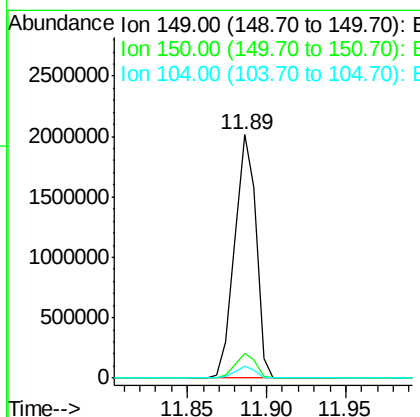
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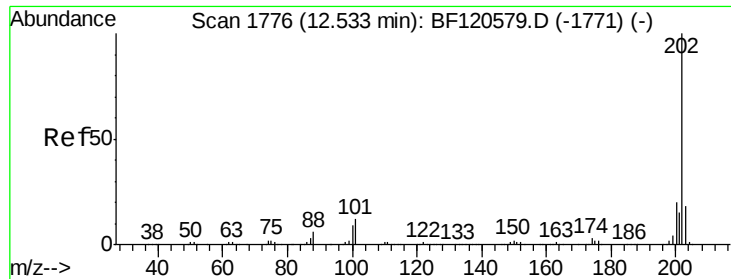
mohammad
 6/10/2020 11:50:58 AM



#74
 Di-n-butylphthalate
 Concen: 53.122 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.8	11.8	
104	5.0	3.8	5.6	





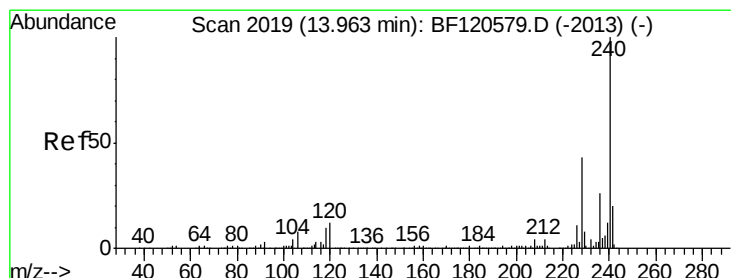
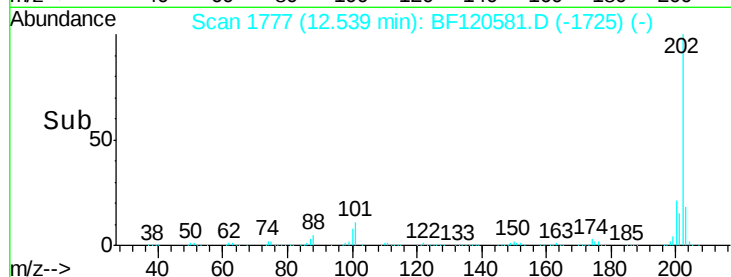
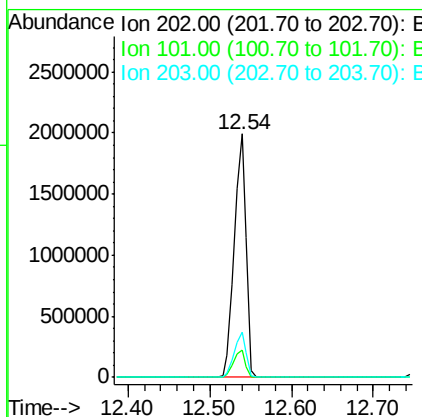
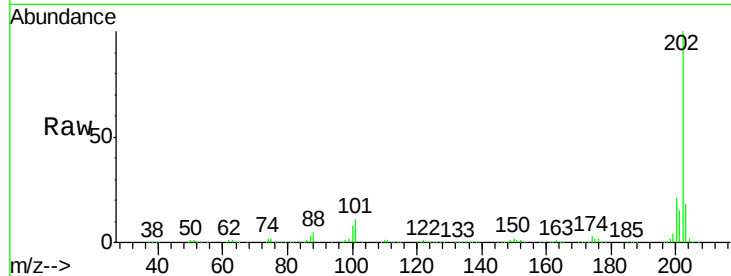
#75
Fluoranthene
Concen: 59.770 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.7
203	18.4	0.0	38.0

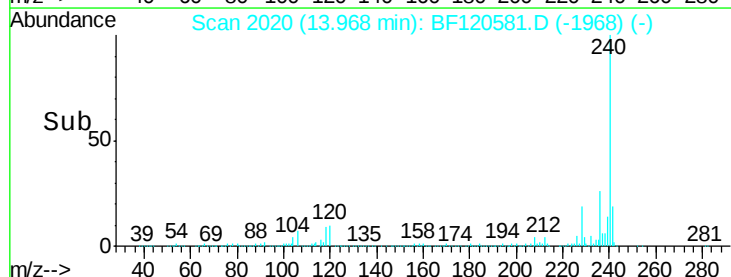
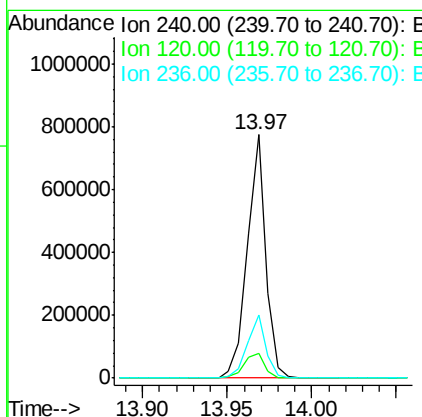
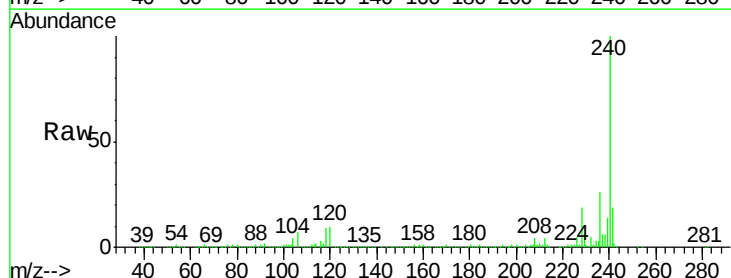
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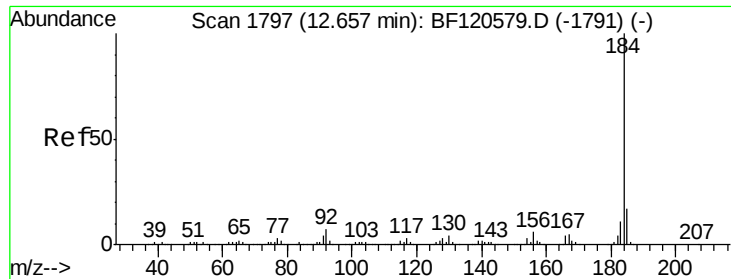
mohammad
6/10/2020 11:50:58 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.3	13.9
236	25.9	20.8	31.2





#77

Benzidine

Concen: 49.640 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

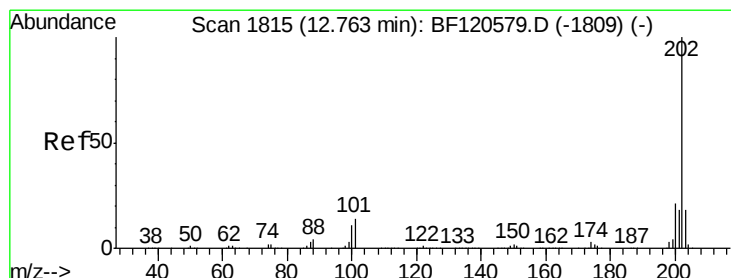
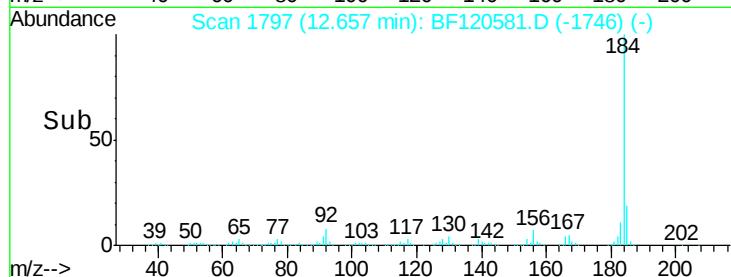
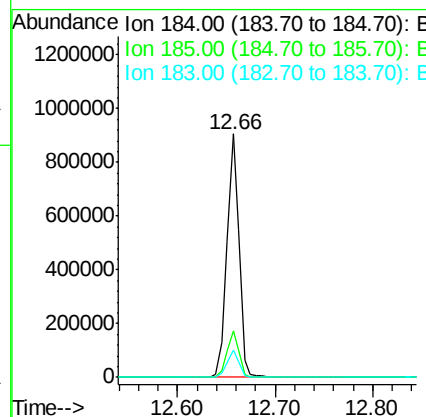
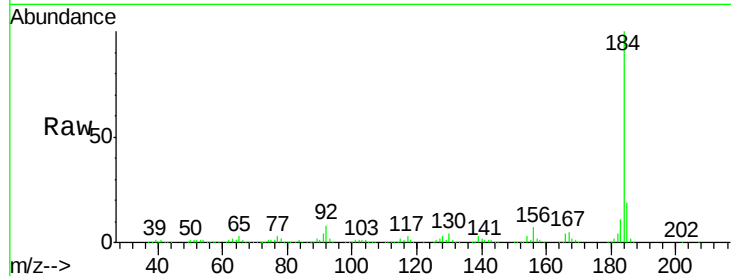
ClientSampleId :

SSTDICC060

Tot Ion:	184	Resp:	777392
Ion Ratio	Lower	Upper	
184	100		
185	18.9	13.2	19.8
183	11.1	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 50.701 ng

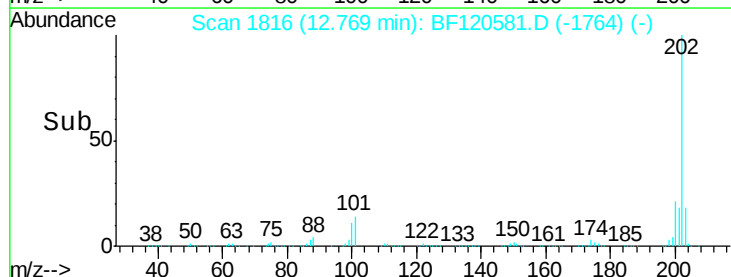
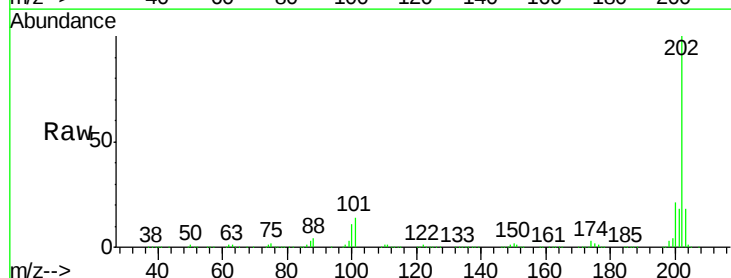
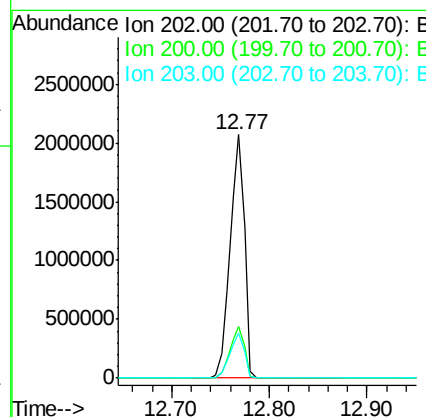
RT: 12.77 min Scan# 1816

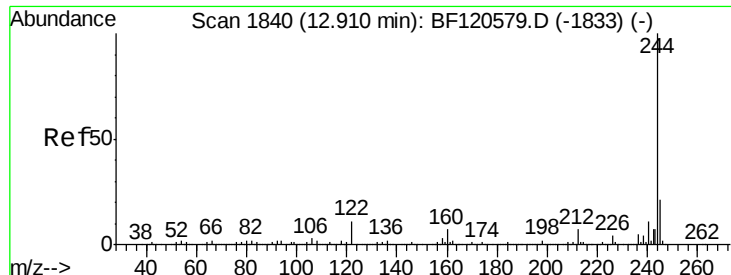
Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:	202	Resp:	2101615
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.5	24.7
203	18.5	14.6	22.0





#79
 Terphenyl-d14
 Concen: 96.063 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

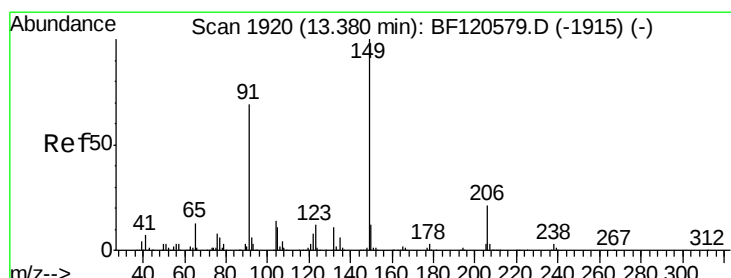
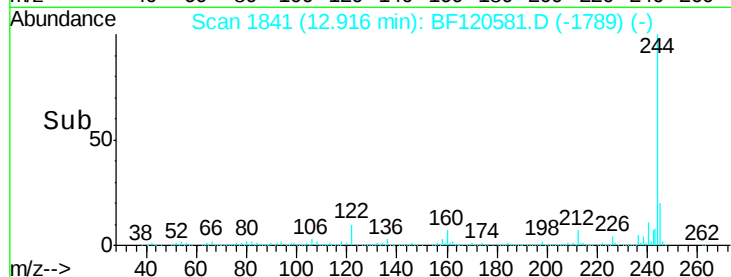
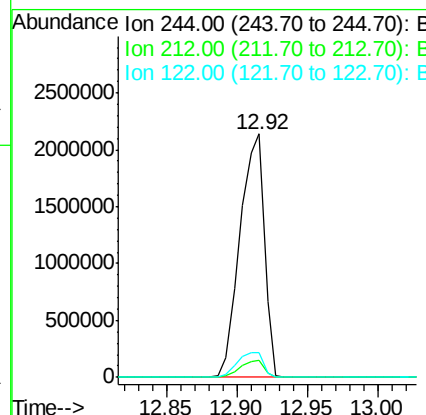
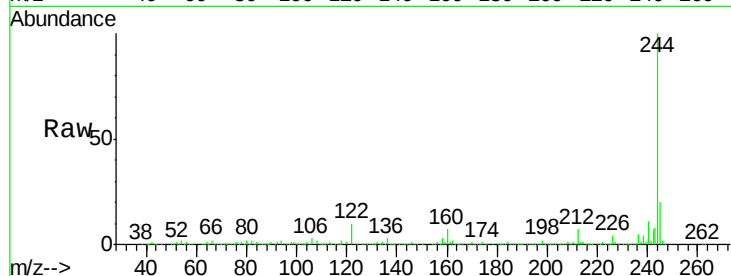
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:244 Resp: 2573095

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.0	8.5	12.7

Manual Integrations
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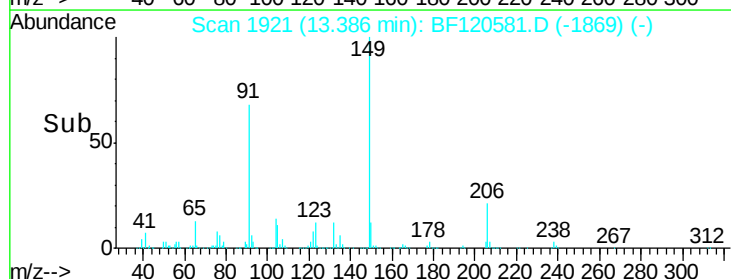
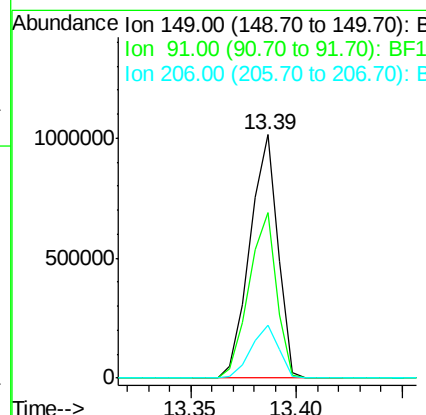
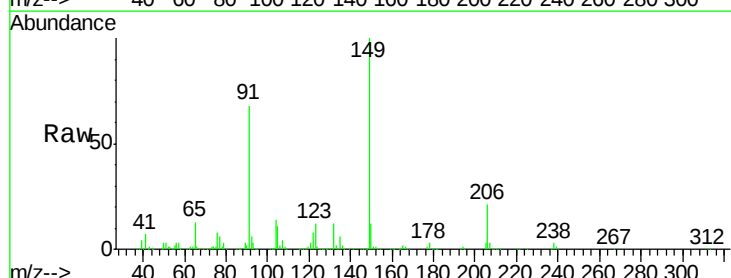
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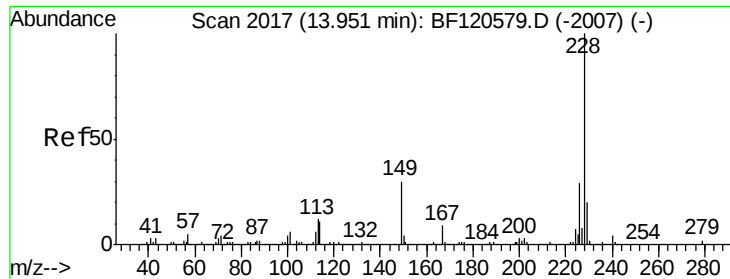


#80
 Butylbenzylphthalate
 Concen: 53.928 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion:149 Resp: 933216

Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.4	83.2
206	21.5	16.5	24.7





#81

Benzo(a)anthracene

Concen: 55.336 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 1767670

Ion Ratio Lower Upper

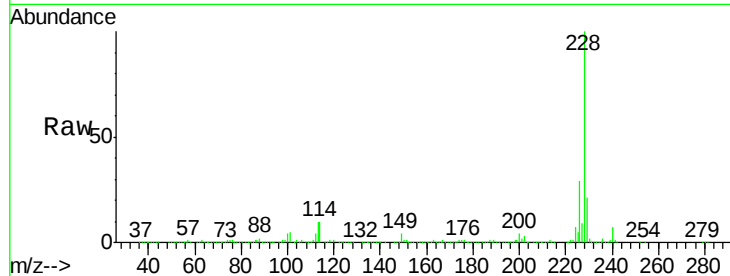
228 100

226 28.7 23.0 34.4

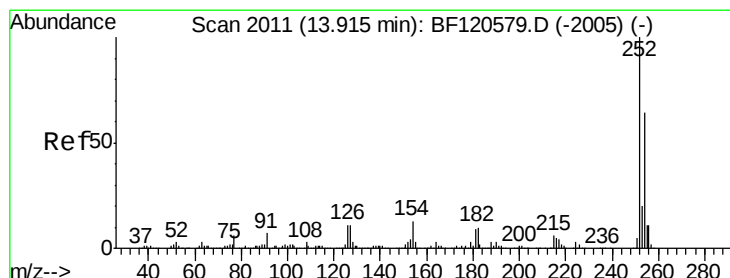
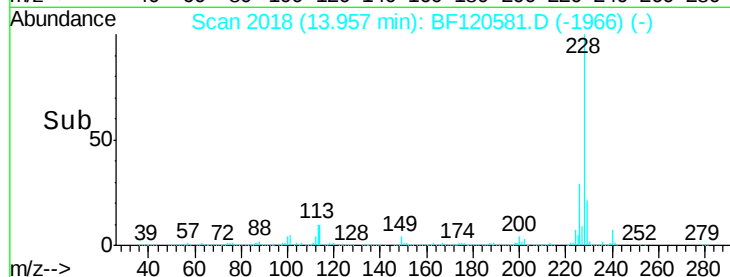
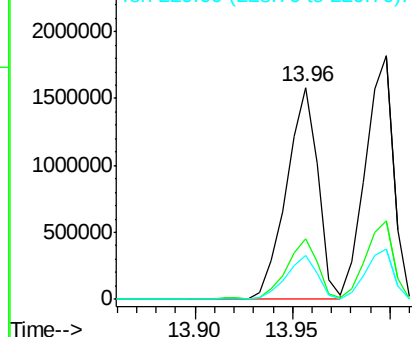
229 20.7 16.2 24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
2500000 Ion 226.00 (225.70 to 226.70): E
2000000 Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 55.923 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

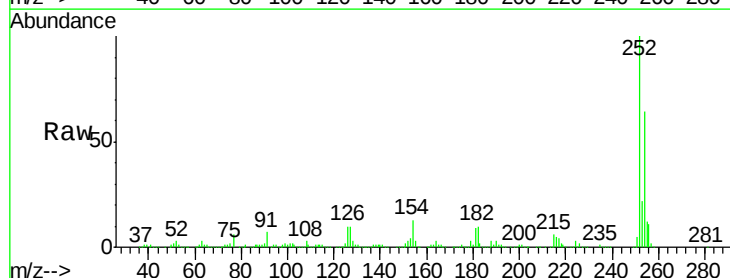
Tgt Ion:252 Resp: 648567

Ion Ratio Lower Upper

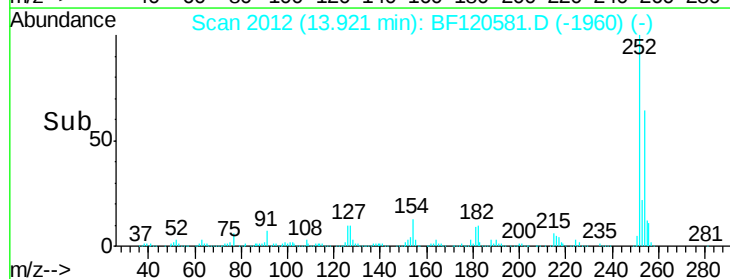
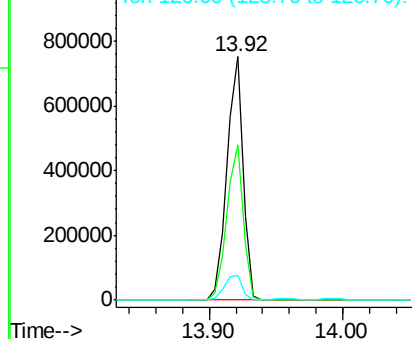
252 100

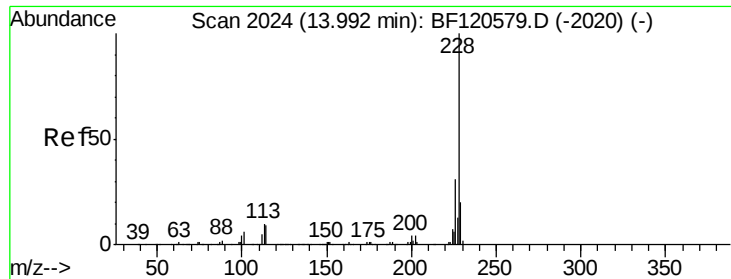
254 64.0 51.1 76.7

126 10.3 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 254.00 (253.70 to 254.70): E
800000 Ion 126.00 (125.70 to 126.70): E





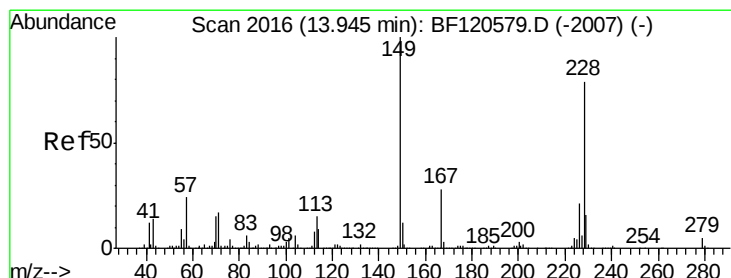
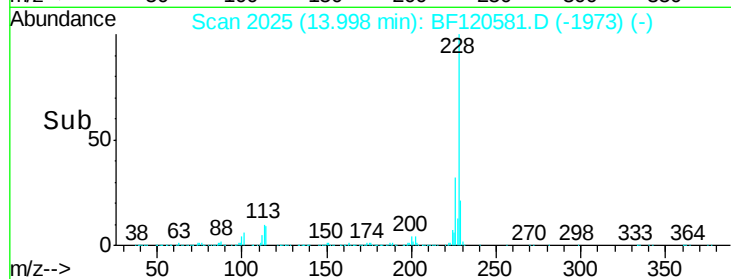
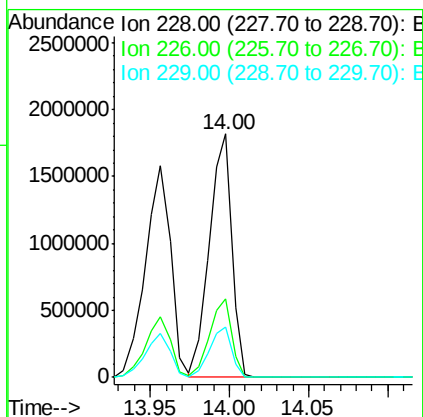
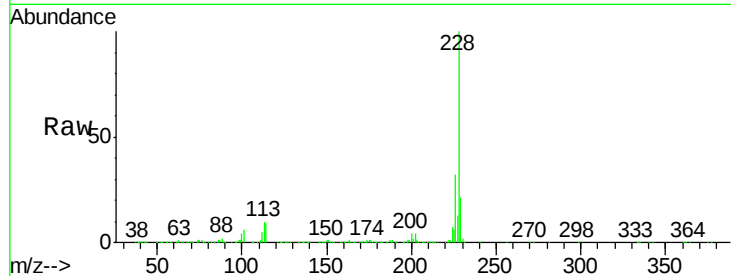
#83
 Chrvsene
 Concen: 53.653 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	20.6	16.2	24.2

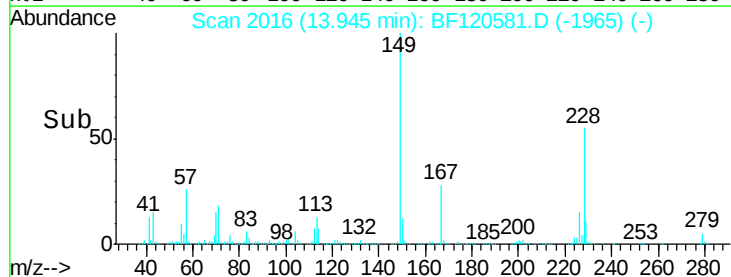
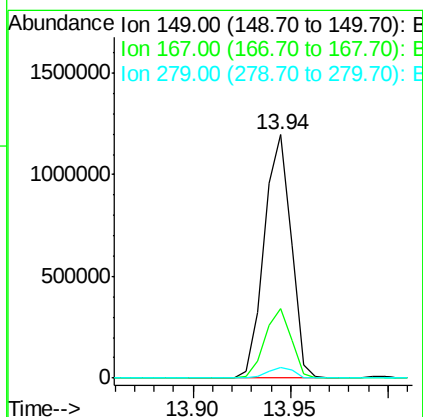
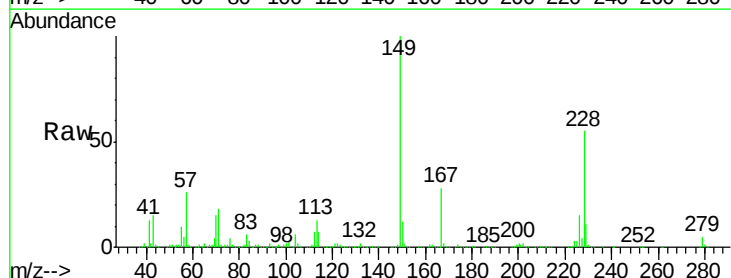
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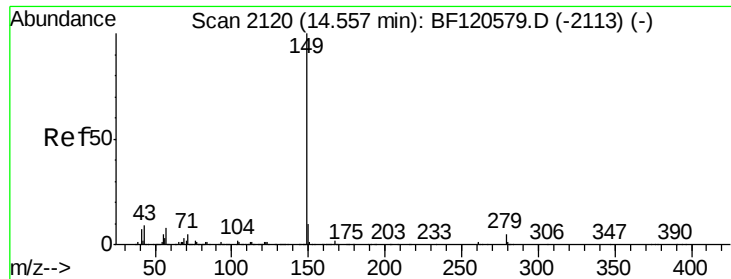
mohammad
 6/10/2020 11:50:58 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.272 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.6	3.6	5.4





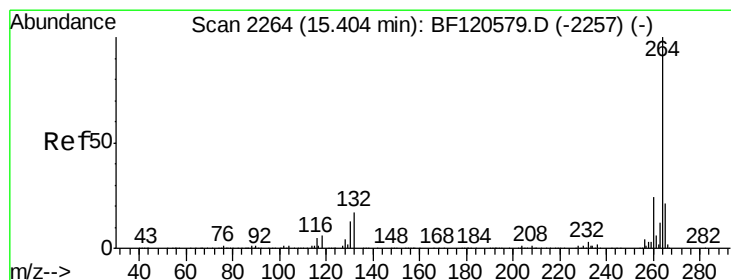
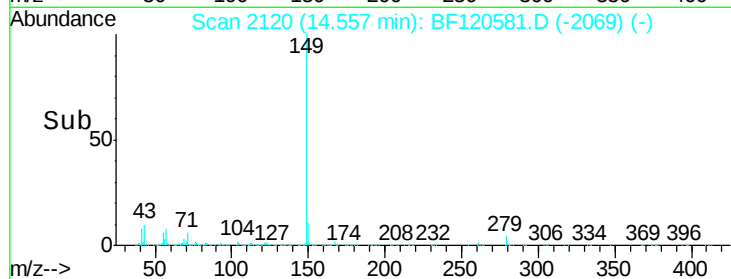
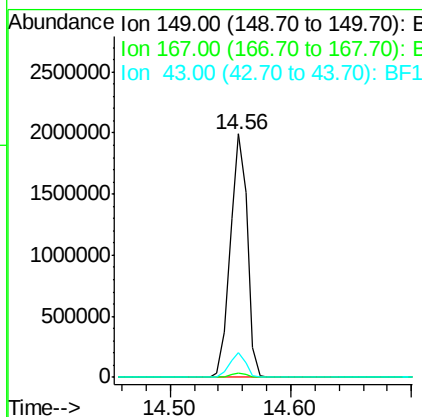
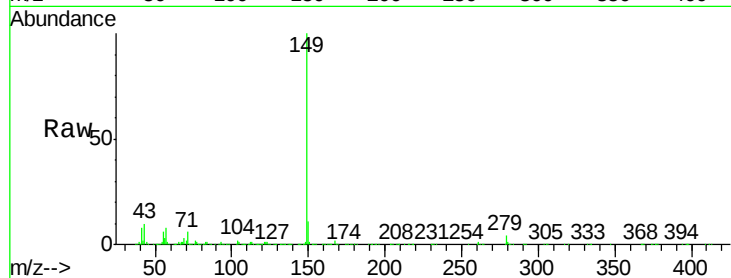
#85
Di-n-octyl phthalate
Concen: 55.202 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.6	11.4

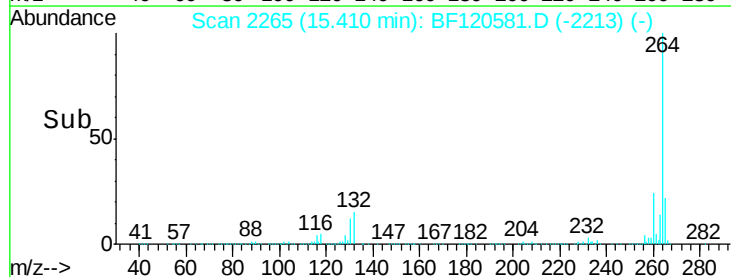
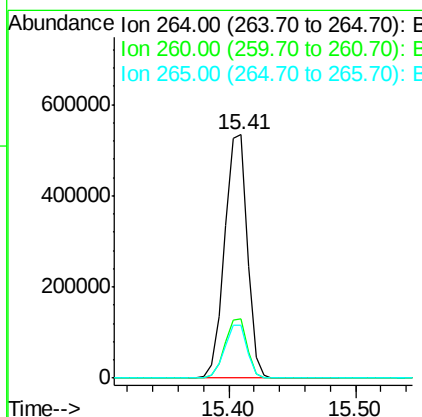
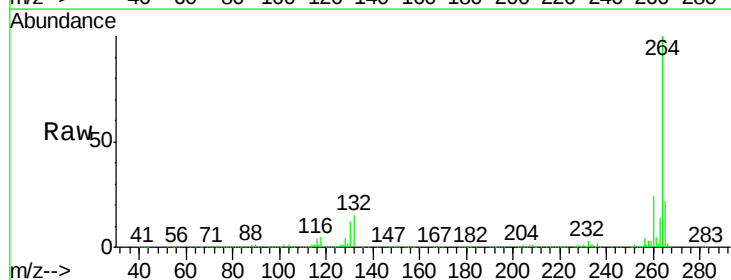
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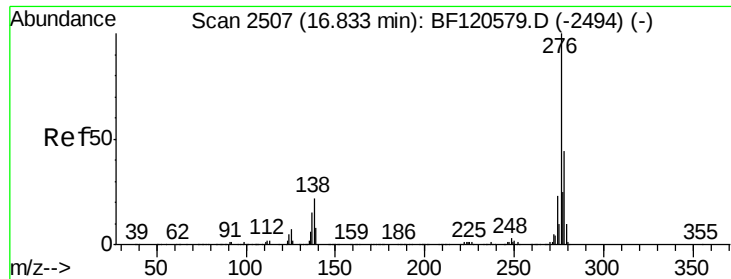
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.7	17.1	25.7





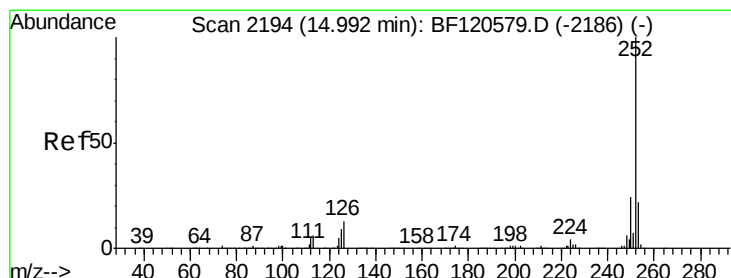
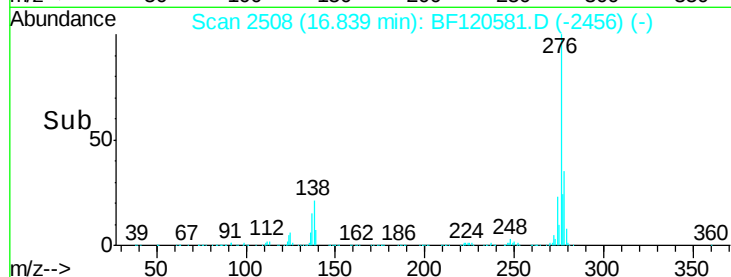
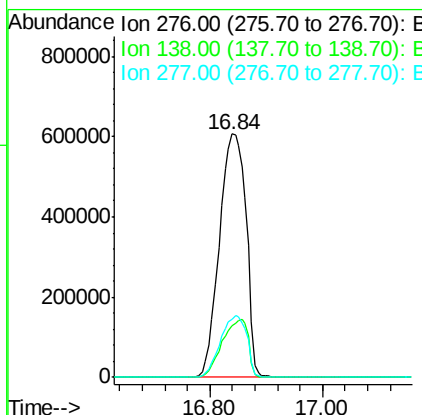
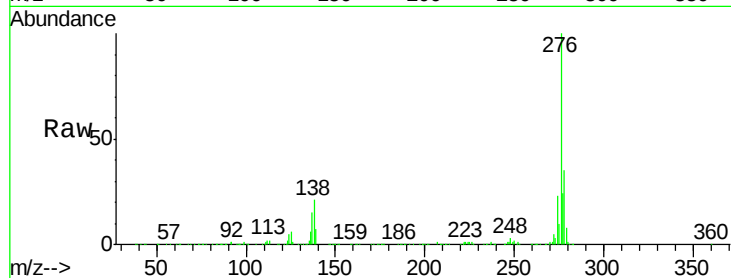
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.333 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	25.2	20.3	30.5

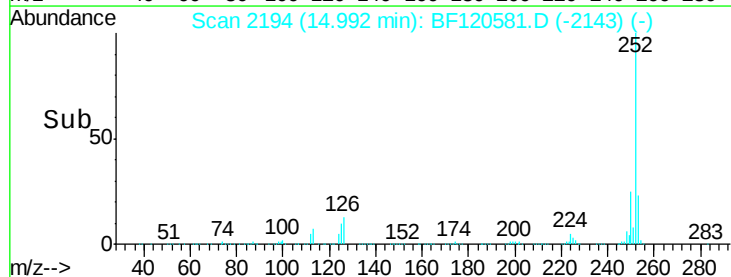
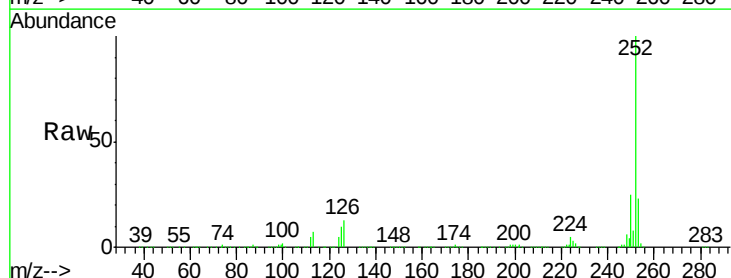
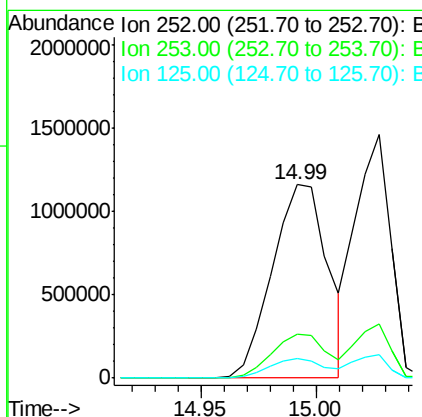
Manual Integrations
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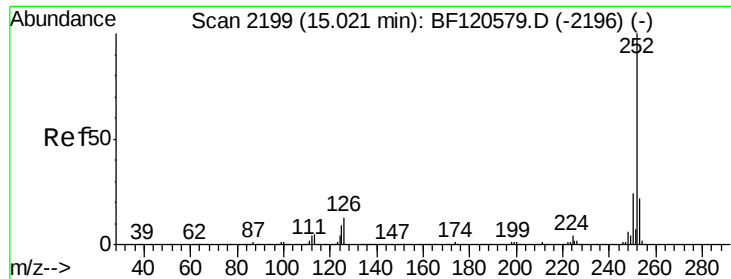
mohammad
 6/10/2020 11:50:58 AM



#88
 Benzo(b)fluoranthene
 Concen: 52.603 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF120581.D
 Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.0	7.6	11.4





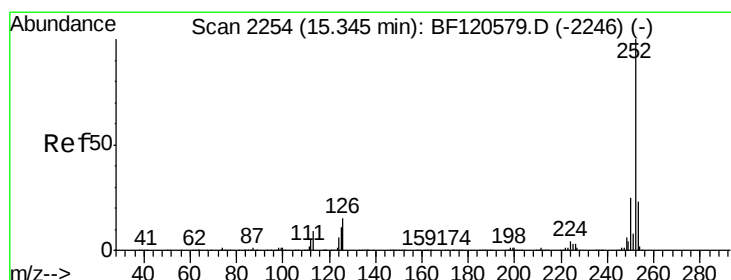
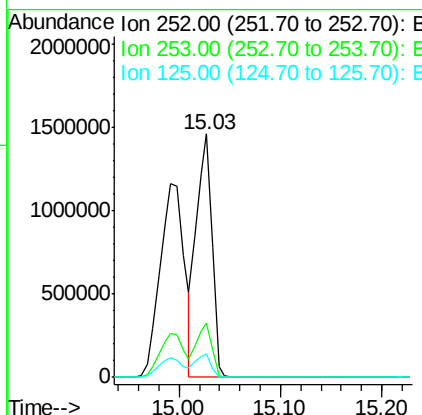
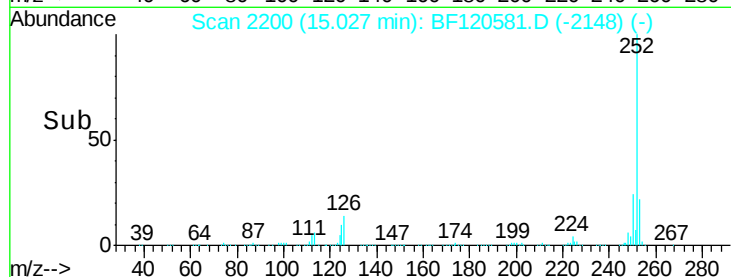
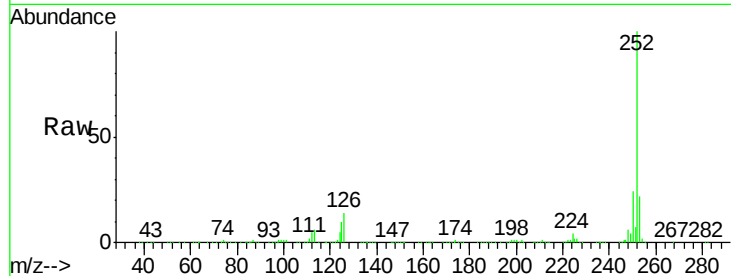
#89
Benzo(k)fluoranthene
Concen: 45.464 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.5	7.6	11.4

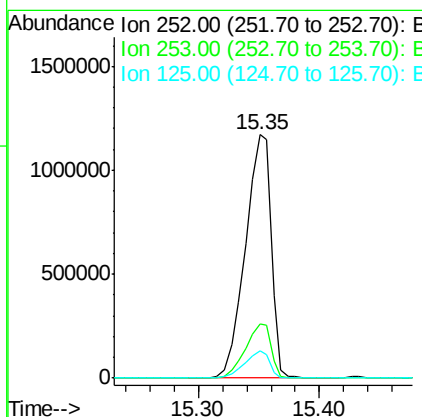
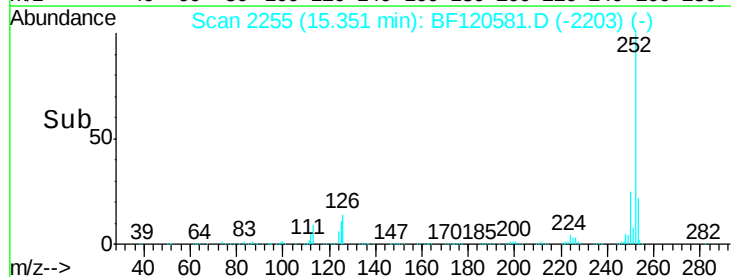
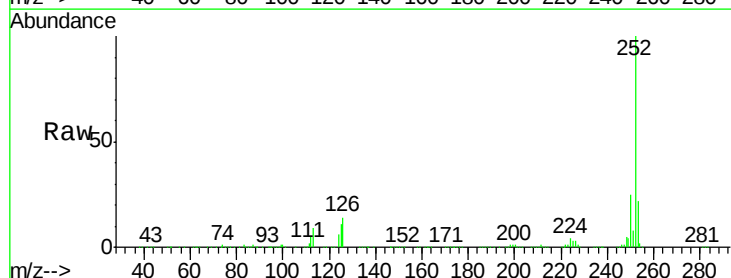
Manual Integrations
APPROVED

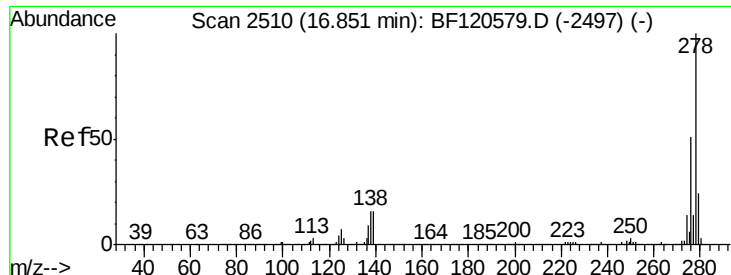
mohammad
6/10/2020 11:50:58 AM



#90
Benzo(a)pyrene
Concen: 54.649 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.2	9.0	13.6





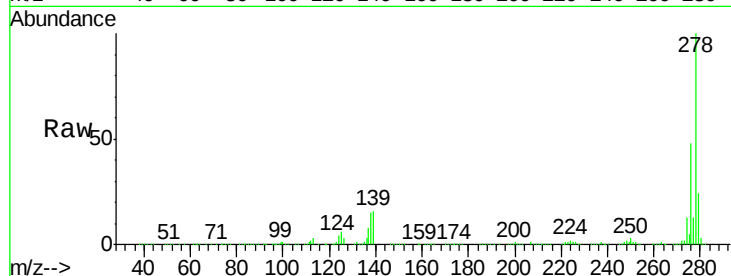
#91
Dibenzo(a,h)anthracene
Concen: 53.819 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.6
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:58 AM

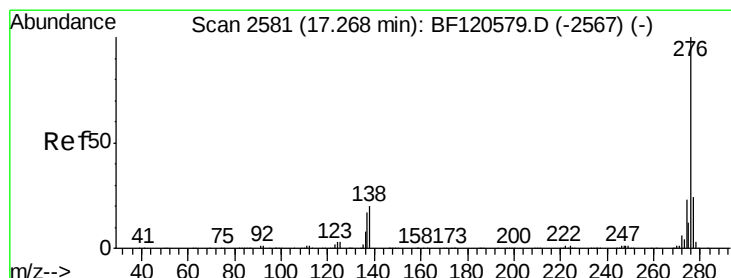
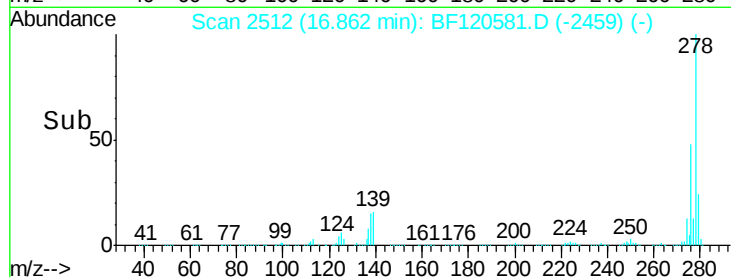
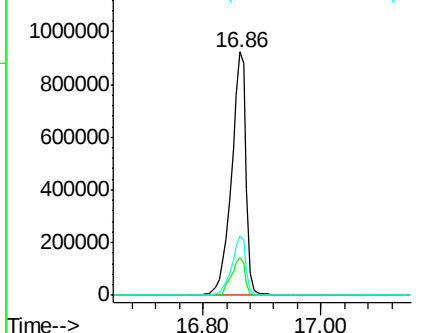


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.370 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF120581.D
Acq: 9 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	20.2	16.3	24.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

