

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120579.D
 Acq On : 9 Jun 2020 14:05
 Operator : JU/CG
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:55 AM

Quant Time: Jun 09 15:06:21 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	174633	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	636514	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	329685	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	723566	20.00	ng	0.00
76) Chrysene-d12	13.96	240	529655	20.00	ng	0.00
86) Perylene-d12	15.40	264	602988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	718193	78.38	ng	0.00
7) Phenol-d6	6.44	99	992695	87.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	834857	85.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	287662	94.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1561096	80.34	ng	0.00
79) Terphenyl-d14	12.91	244	1844481	77.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	198364	43.700	ng	100
3) Pyridine	3.25	79	493692	39.271	ng	100
4) n-Nitrosodimethylamine	3.19	42	211101	39.679	ng	100
6) Aniline	6.47	93	672749	42.718	ng	100
8) 2-Chlorophenol	6.59	128	452376	43.782	ng	100
9) Benzaldehyde	6.35	77	238304	34.618	ng	100
10) Phenol	6.45	94	575327	46.580	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	447941	43.400	ng	100
12) 1,3-Dichlorobenzene	6.75	146	495734	43.671	ng	100
13) 1,4-Dichlorobenzene	6.82	146	491719	43.417	ng	100
14) 1,2-Dichlorobenzene	6.97	146	464363	44.391	ng	100
15) Benzyl Alcohol	6.95	79	374239	43.955	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	651153	40.018	ng	100
17) 2-Methylphenol	7.06	107	393753	42.617	ng	100
18) Hexachloroethane	7.32	117	168917	40.745	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	271867	37.866	ng	100
20) 3+4-Methylphenols	7.22	107	422624	36.208	ng	100
22) Acetophenone	7.22	105	538341	41.644	ng	100
24) Nitrobenzene	7.39	77	435577	41.555	ng	100
25) Isophorone	7.63	82	795726	40.687	ng	100
26) 2-Nitrophenol	7.70	139	230928	48.863	ng	100
27) 2,4-Dimethylphenol	7.74	122	339054	41.311	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	488430	41.471	ng	100
29) 2,4-Dichlorophenol	7.95	162	354763	42.795	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	398857	42.874	ng	100
31) Naphthalene	8.11	128	1193806	42.705	ng	100
32) Benzoic acid	7.86	122	276528	45.404	ng	100
33) 4-Chloroaniline	8.16	127	528378	42.648	ng	100
34) Hexachlorobutadiene	8.23	225	240110	43.543	ng	100
35) Caprolactam	8.53	113	116300m	43.319	ng	
36) 4-Chloro-3-methylphenol	8.64	107	356191	42.351	ng	100
37) 2-Methylnaphthalene	8.80	142	803456	43.392	ng	100
38) 1-Methylnaphthalene	8.90	142	751449	42.995	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	379672	44.907	ng	100

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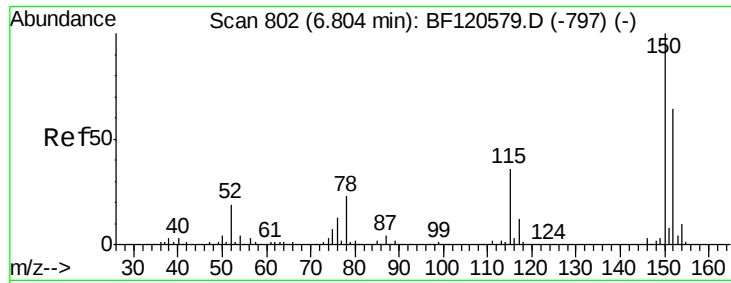
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	219835	46.589	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	266188	43.533	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	303213	43.746	nq	100
46) 1,1'-Biphenyl	9.26	154	956648	44.171	nq	100
47) 2-Chloronaphthalene	9.29	162	777128	43.576	nq	100
48) 2-Nitroaniline	9.38	65	240388	44.255	nq	100
49) Acenaphthylene	9.70	152	1213576	44.036	nq	100
50) Dimethylphthalate	9.56	163	905793	43.947	nq	100
51) 2,6-Dinitrotoluene	9.62	165	207032	45.199	nq	100
52) Acenaphthene	9.87	154	710004m	41.280	nq	
53) 3-Nitroaniline	9.79	138	241673	44.931	nq	100
54) 2,4-Dinitrophenol	9.90	184	112260	72.300	nq	100
55) Dibenzofuran	10.05	168	1083331	43.342	nq	100
56) 4-Nitrophenol	9.96	139	181008	43.956	nq	100
57) 2,4-Dinitrotoluene	10.03	165	273909	46.725	nq	100
58) Fluorene	10.39	166	829283	44.212	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	242666	44.929	nq	100
60) Diethylphthalate	10.26	149	888817	42.674	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	426546	41.945	nq	100
62) 4-Nitroaniline	10.40	138	243416	47.937	nq	100
63) Azobenzene	10.54	77	840559	42.905	nq	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	156961	59.474	nq	100
66) n-Nitrosodiphenylamine	10.50	169	791539	39.381	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	292904	40.103	nq	100
68) Hexachlorobenzene	10.93	284	313589	40.316	nq	100
69) Atrazine	11.03	200	228728	40.374	nq	100
70) Pentachlorophenol	11.13	266	179684	37.783	nq	100
71) Phenanthrene	11.35	178	1355889	42.528	nq	100
72) Anthracene	11.40	178	1384162	43.270	nq	100
73) Carbazole	11.56	167	1328286	42.930	nq	100
74) Di-n-butylphthalate	11.89	149	1550391	43.076	nq	100
75) Fluoranthene	12.53	202	1398878	40.776	nq	100
77) Benzidine	12.66	184	578982	41.604	nq	100
78) Pyrene	12.76	202	1423789	38.654	nq	100
80) Butylbenzylphthalate	13.38	149	629906	40.963	nq	100
81) Benzo(a)anthracene	13.95	228	1217976	42.907	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	457859	44.427	nq	100
83) Chrysene	13.99	228	1267760	42.600	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	804984	44.595	nq	100
85) Di-n-octyl phthalate	14.56	149	1481405	47.429	nq	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1586879	48.116	nq	100
88) Benzo(b)fluoranthene	14.99	252	1357708	40.539	nq	100
89) Benzo(k)fluoranthene	15.02	252	1194973	38.219	nq	100
90) Benzo(a)pyrene	15.34	252	1216632	41.530	nq	100
91) Dibenzo(a,h)anthracene	16.85	278	1289392	47.954	nq	100
92) Benzo(g,h,i)perylene	17.27	276	1131452	42.665	nq	100

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



#1

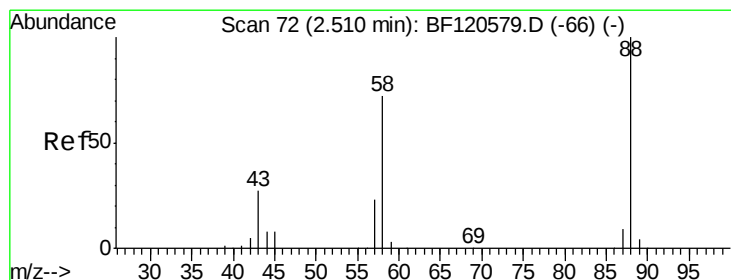
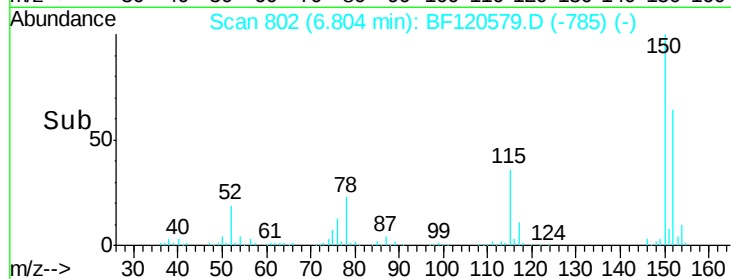
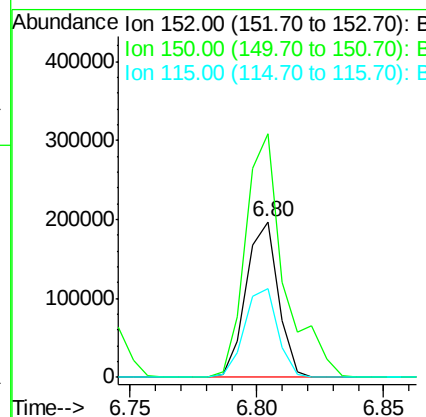
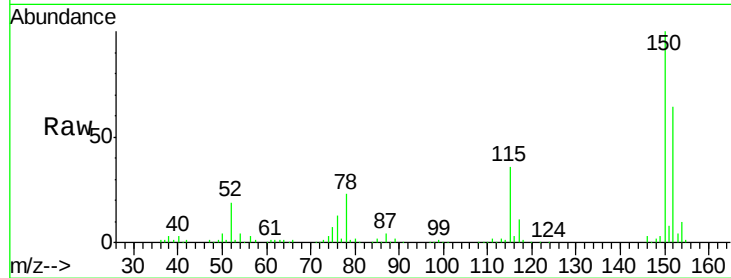
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.4	188.0
115	56.9	45.5	68.3

Manual Integrations
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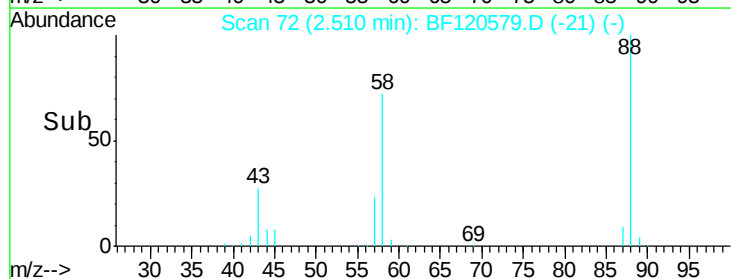
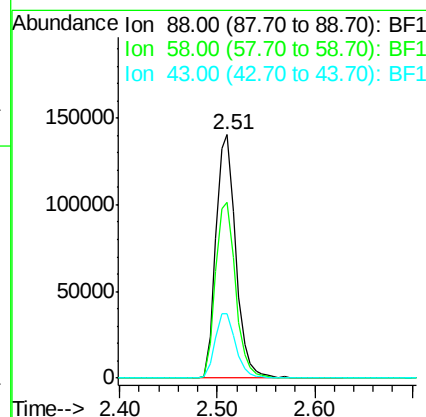
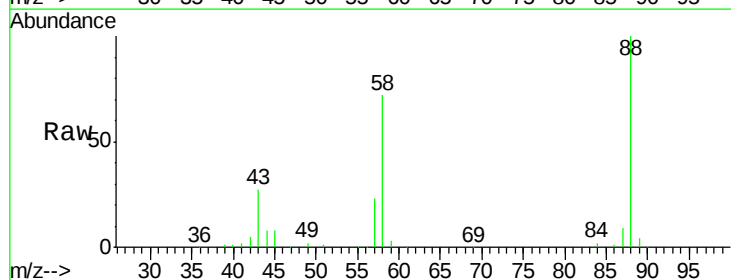
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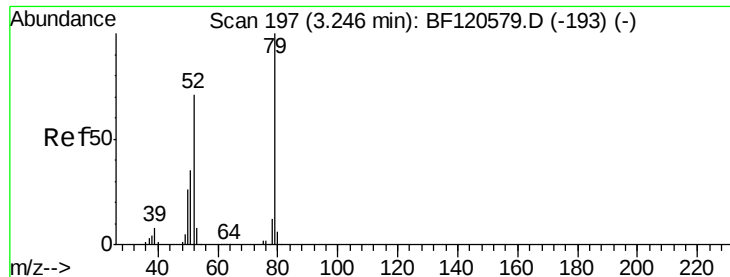


#2

1,4-Dioxane
Concen: 43.700 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.2
43	27.7	22.2	33.2





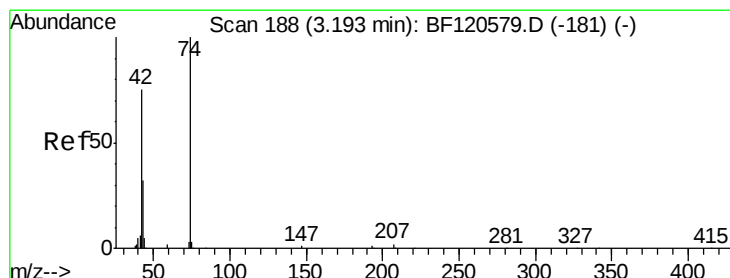
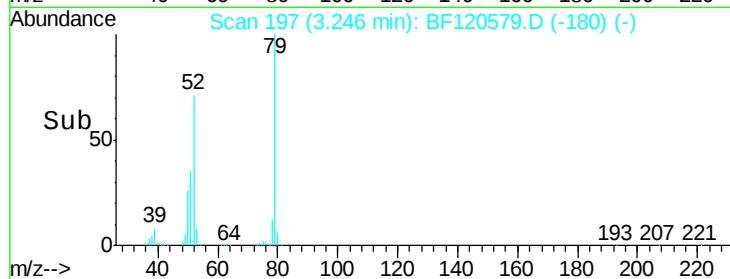
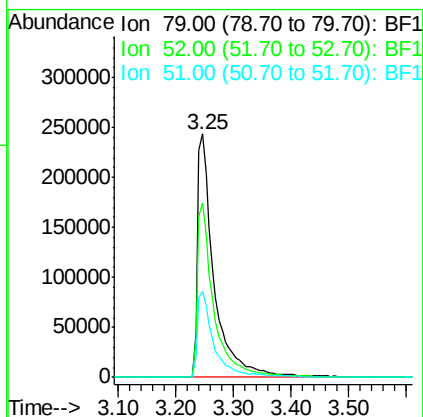
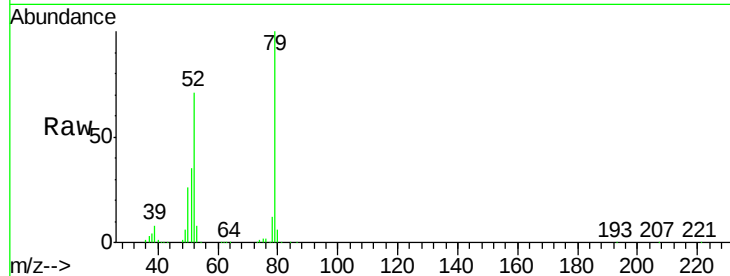
#3
 Pvridine
 Concen: 39.271 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	57.2	85.8
51	35.3	28.2	42.4

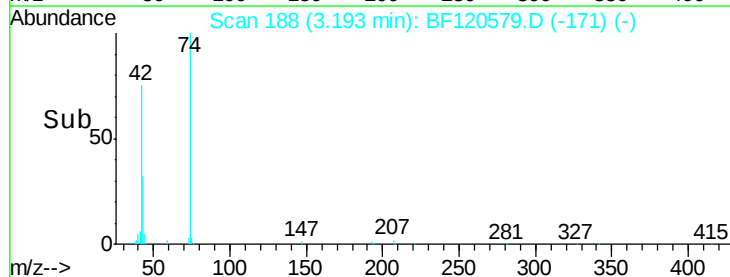
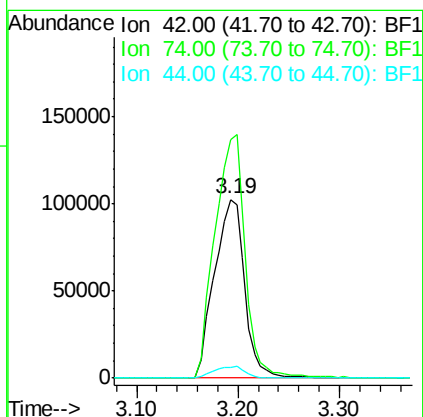
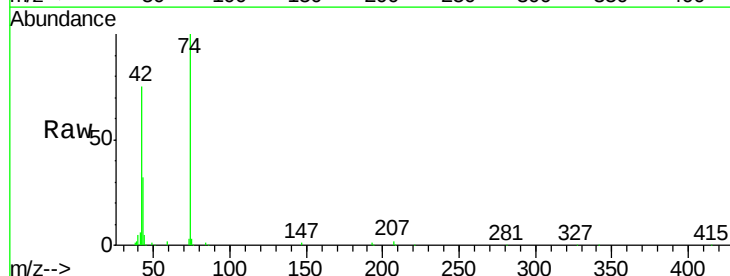
Manual Integrations
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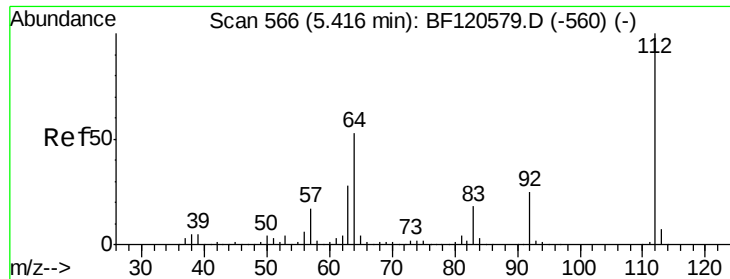
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#4
 n-Nitrosodimethylamine
 Concen: 39.679 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.6	106.9	160.3
44	6.1	4.9	7.3





#5

2-Fluorophenol

Concen: 78.375 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

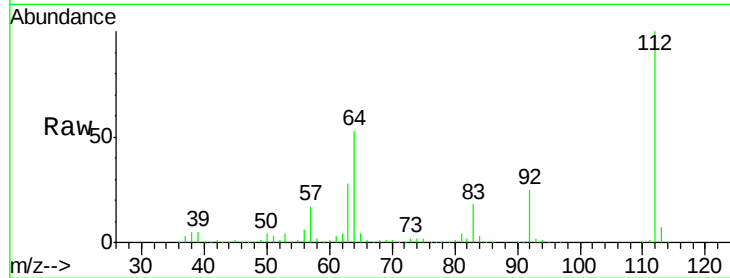
ClientSampleId :

SSTDICCC040

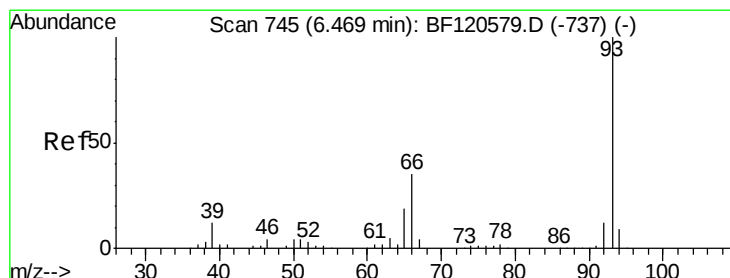
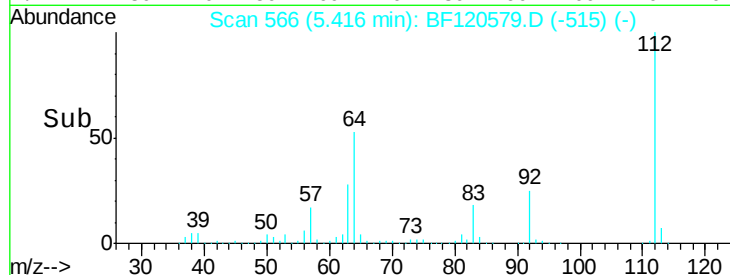
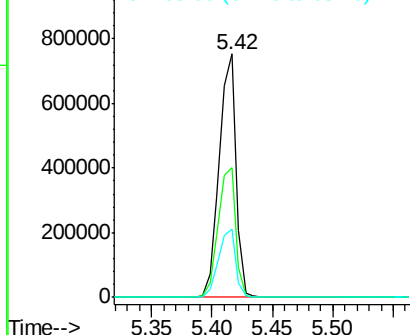
Tot Ion:	112	Resp:	718193
Ion Ratio	Lower	Upper	
112	100		
64	53.4	42.7	64.1
63	27.9	22.3	33.5

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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: 42.718 ng

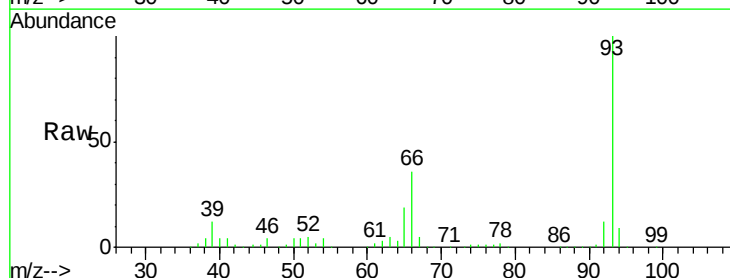
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

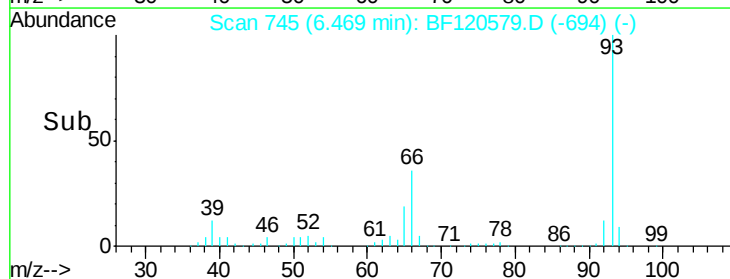
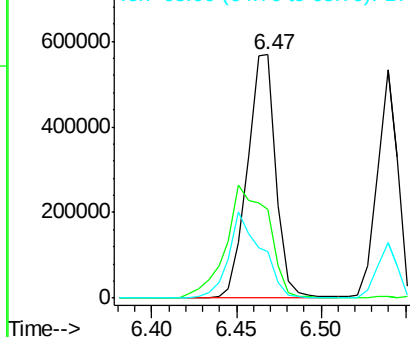
Lab File: BF120579.D

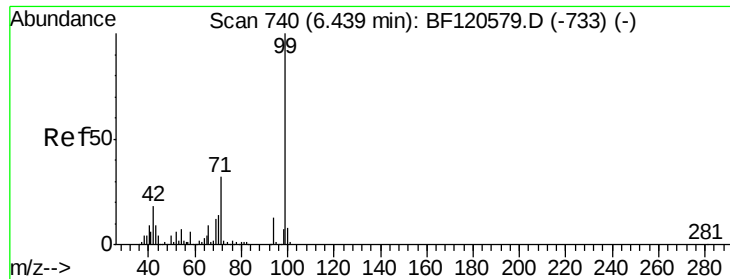
Acq: 9 Jun 2020 14:05

Tgt Ion:	93	Resp:	672749
Ion Ratio	Lower	Upper	
93	100		
66	36.4	29.1	43.7
65	19.0	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: 87.891 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

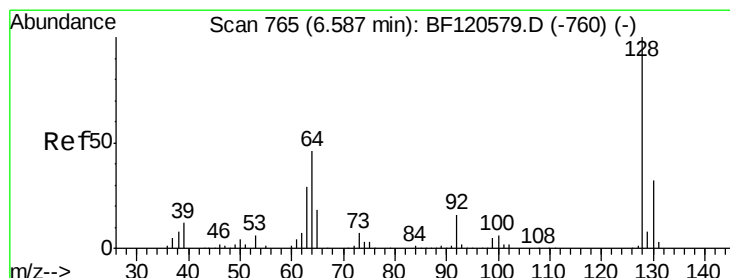
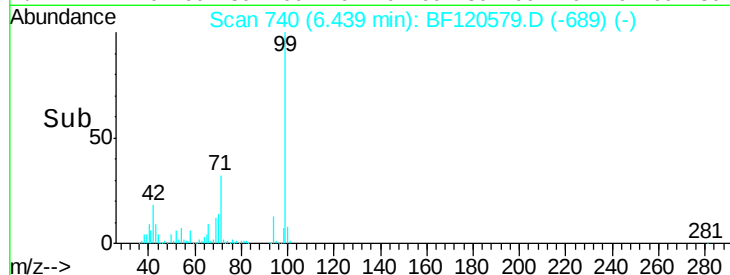
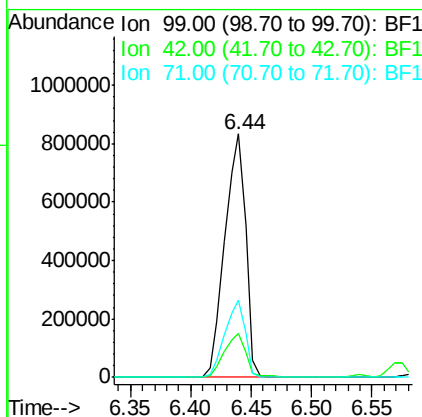
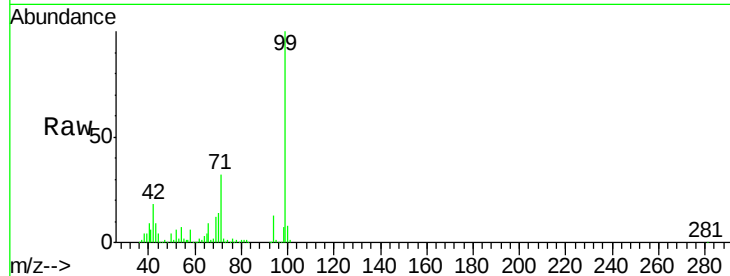
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	992695
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.6	22.0
71	31.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.782 ng

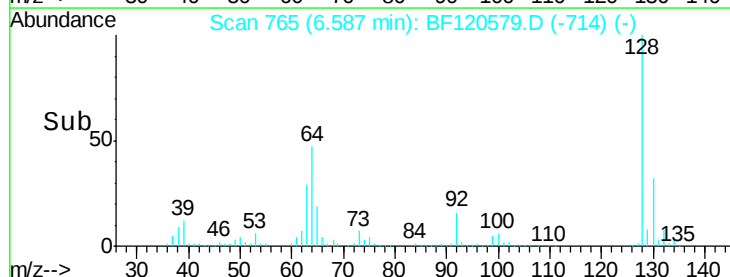
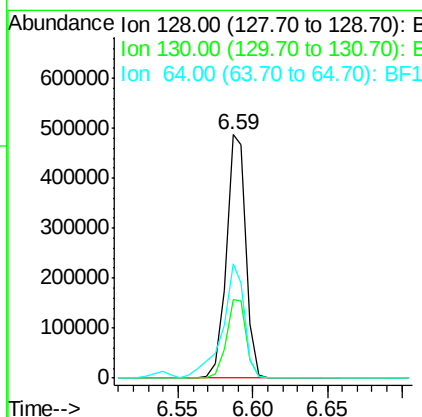
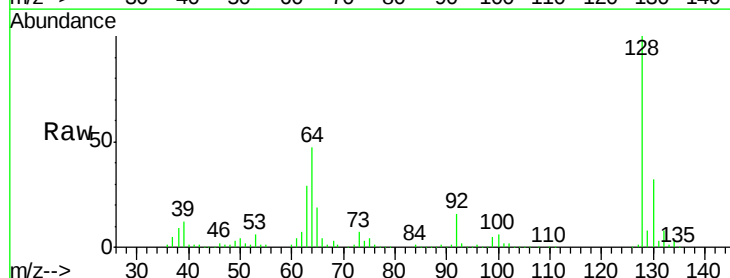
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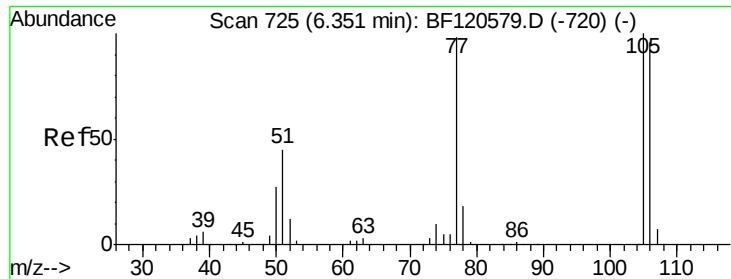
Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Tgt Ion:	128	Resp:	452376
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.4	52.4
64	46.9	26.9	66.9





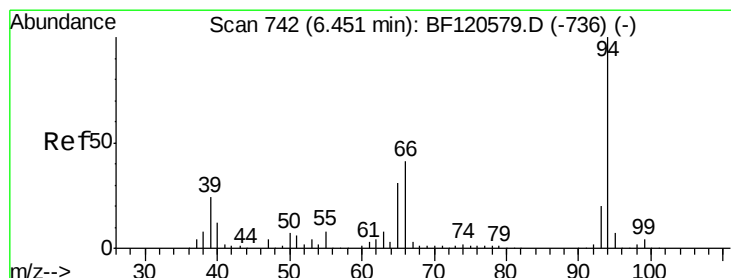
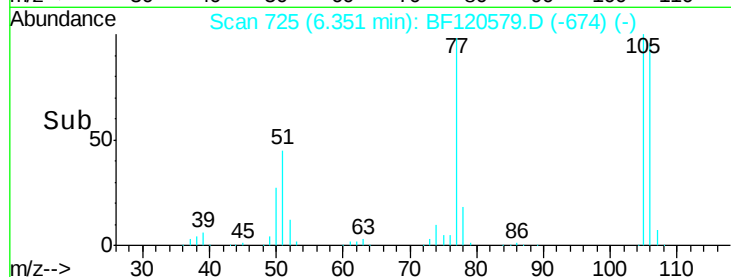
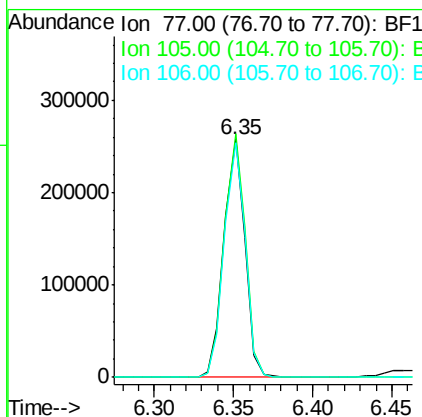
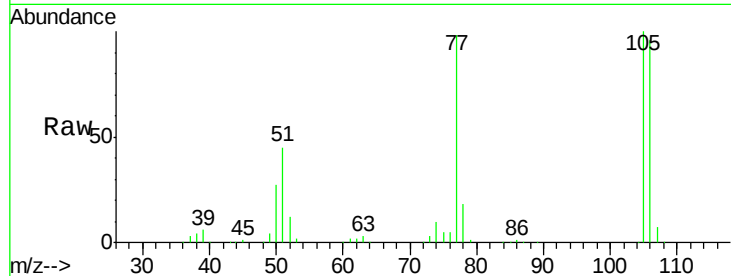
#9
Benzaldehyde
Concen: 34.618 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.2	122.2
106	98.5	78.5	118.5

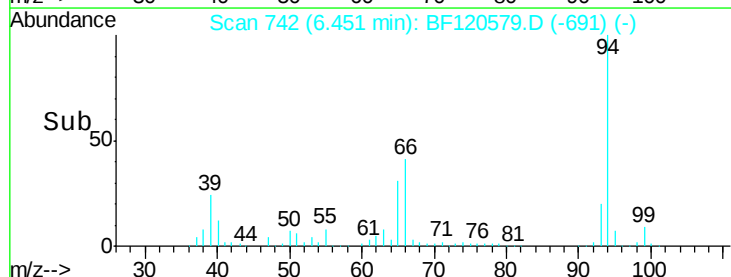
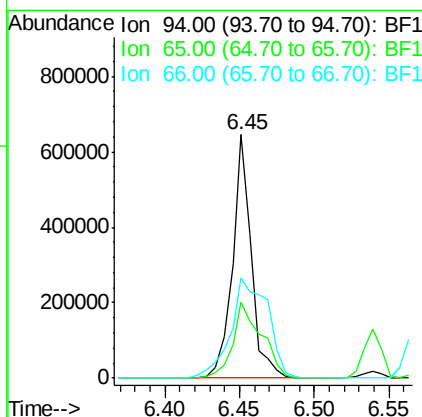
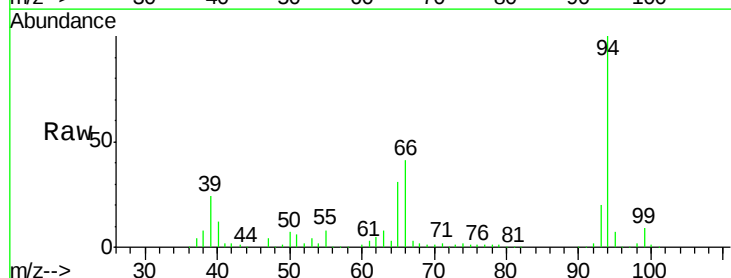
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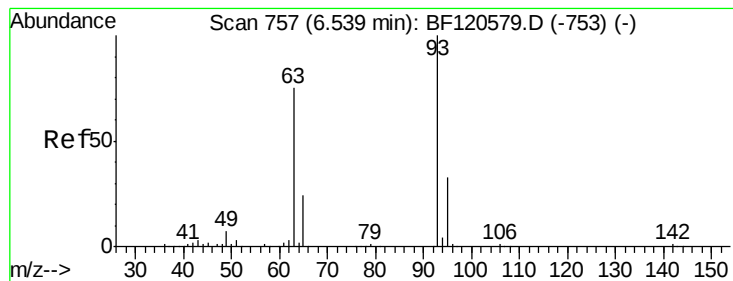
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#10
Phenol
Concen: 46.580 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.1	51.1
66	41.0	21.0	61.0





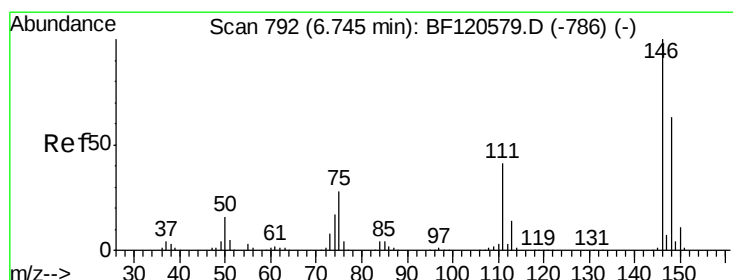
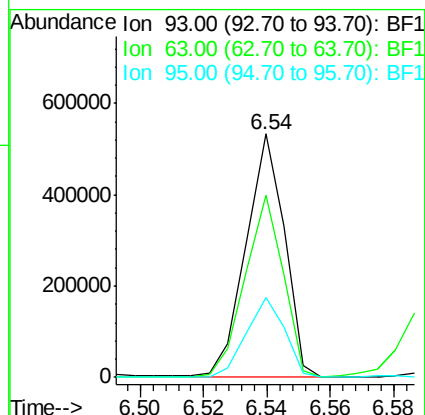
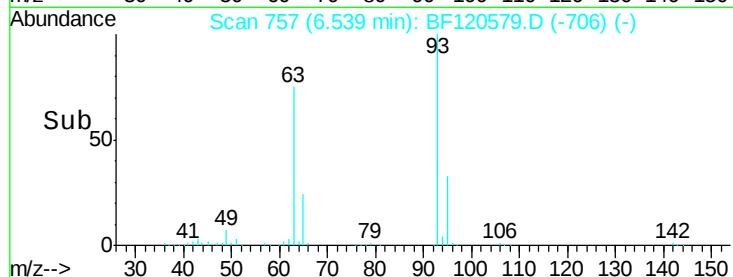
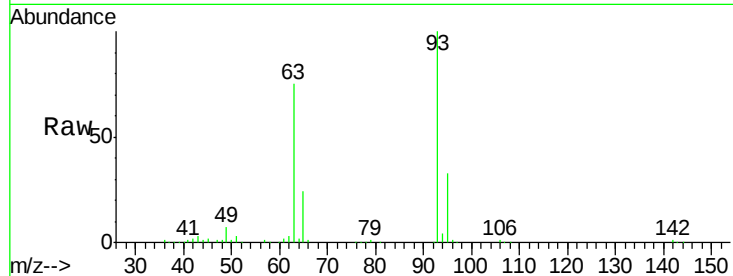
#11
bis(2-Chloroethyl)ether
Concen: 43.400 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.6	94.6
95	32.8	12.8	52.8

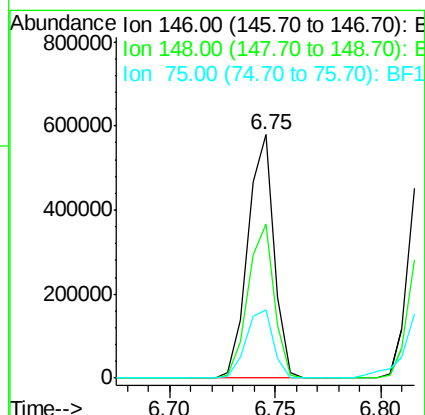
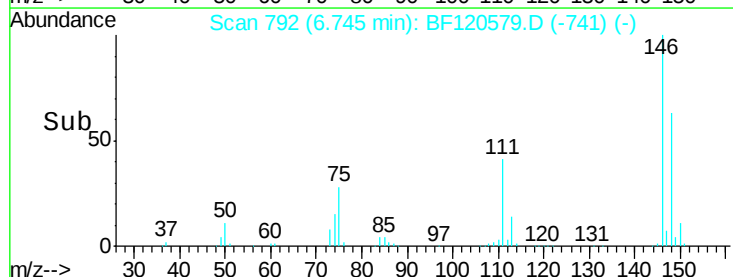
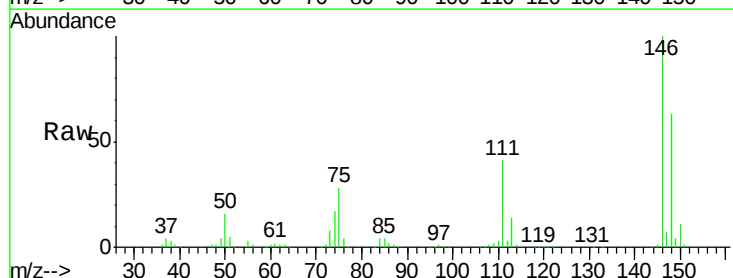
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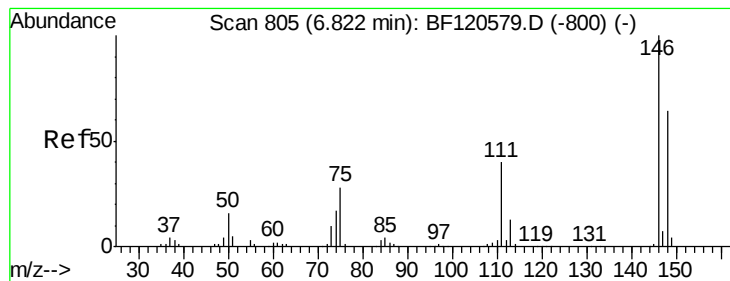
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.671 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	28.2	22.6	33.8





#13

1,4-Dichlorobenzene

Concen: 43.417 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

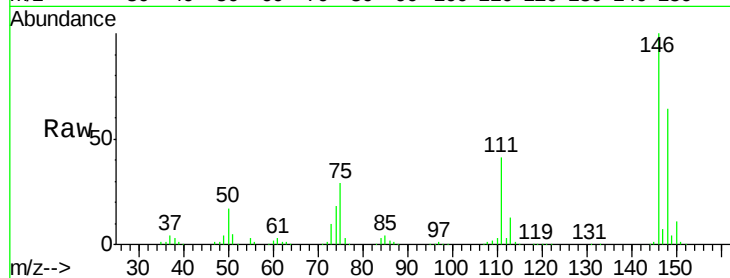
ClientSampleId :

SSTDICCC040

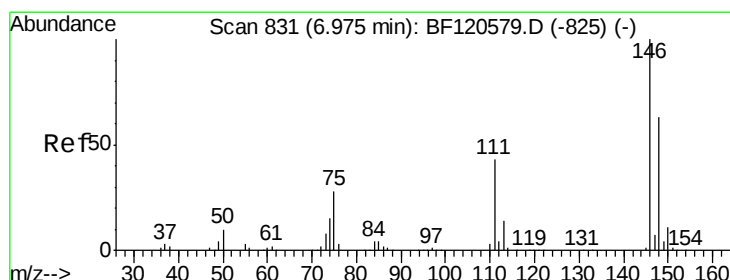
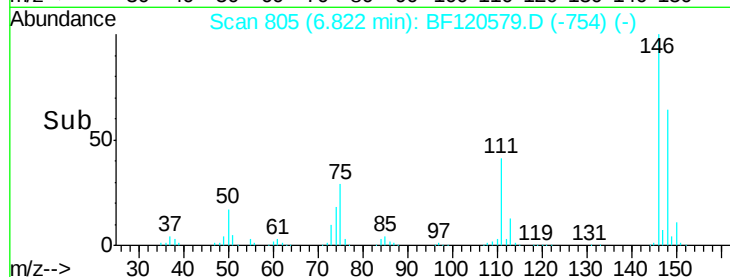
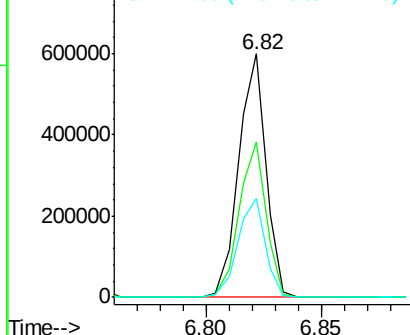
Tot Ion:	146	Resp:	491719
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.9	76.3
111	40.6	32.5	48.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.391 ng

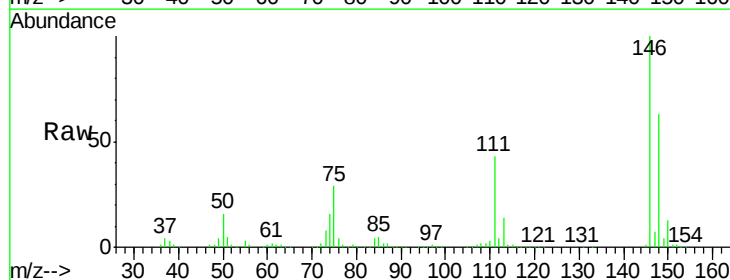
RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

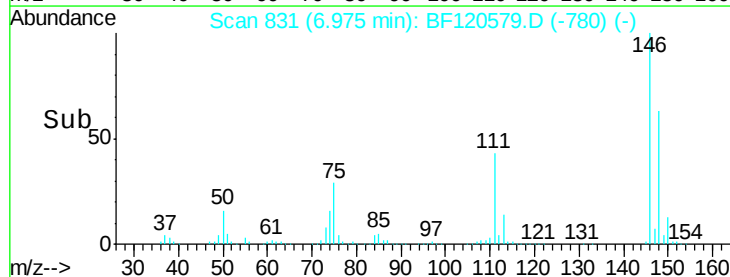
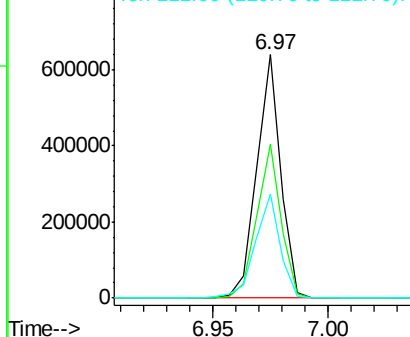
Lab File: BF120579.D

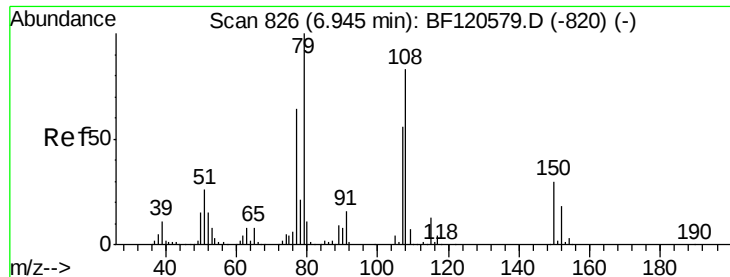
Acq: 9 Jun 2020 14:05

Tgt Ion:	146	Resp:	464363
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	43.0	34.4	51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.955 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 79 Resp: 374239

Ion Ratio Lower Upper

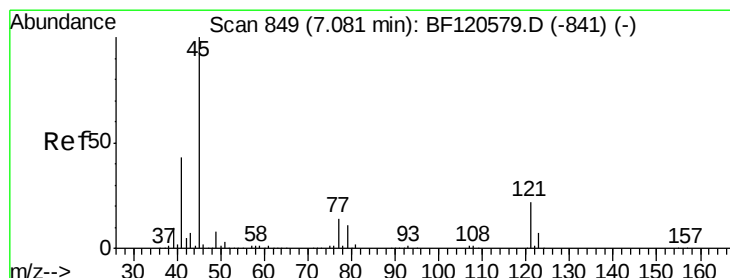
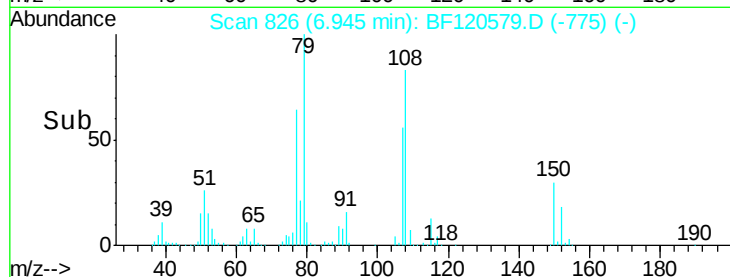
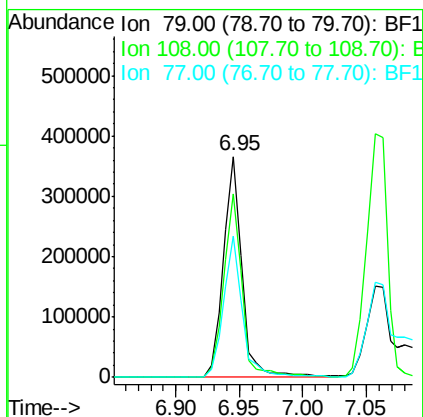
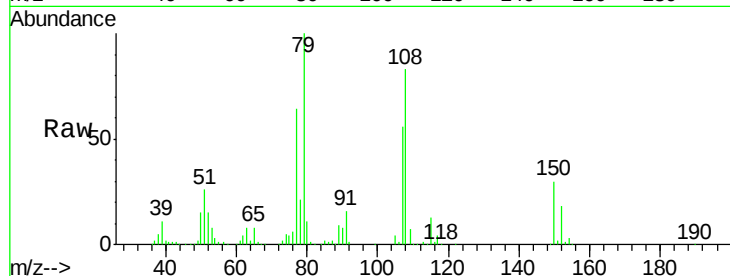
79 100

108 82.8 66.2 99.4

77 63.6 50.9 76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.018 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

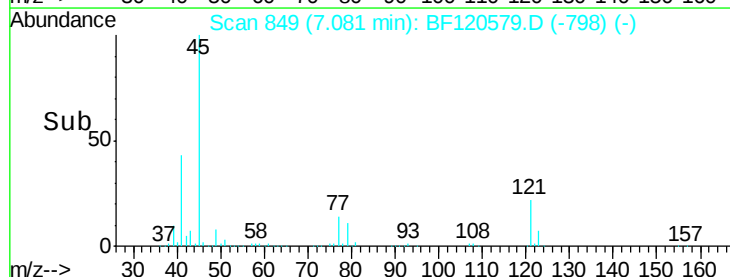
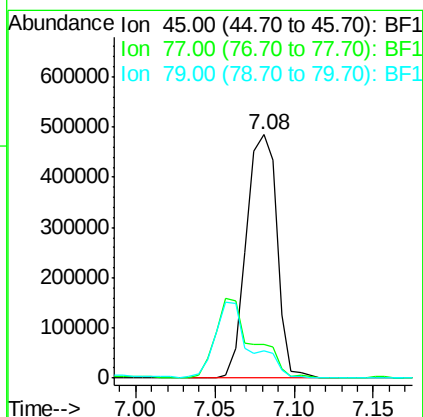
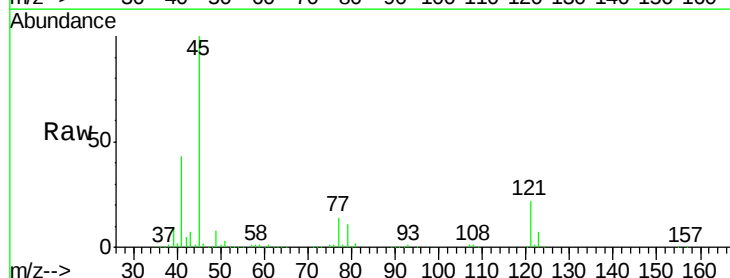
Tgt Ion: 45 Resp: 651153

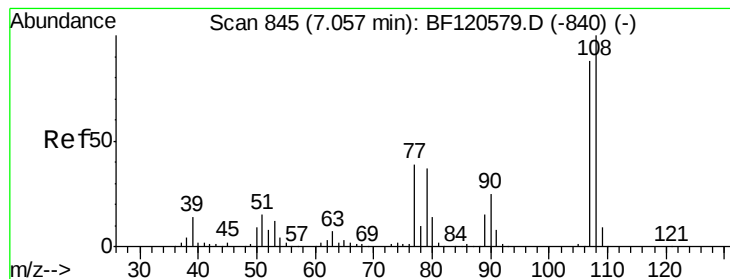
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.9

79 11.0 0.0 31.0





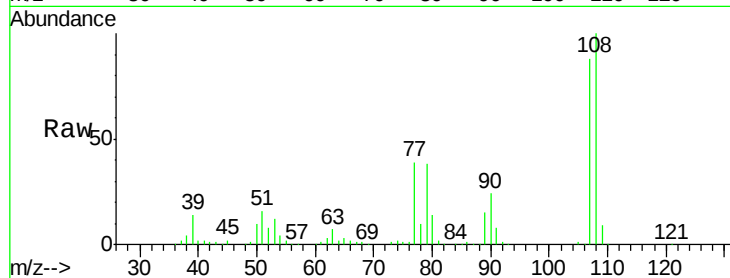
#17
2-Methylphenol
Concen: 42.617 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

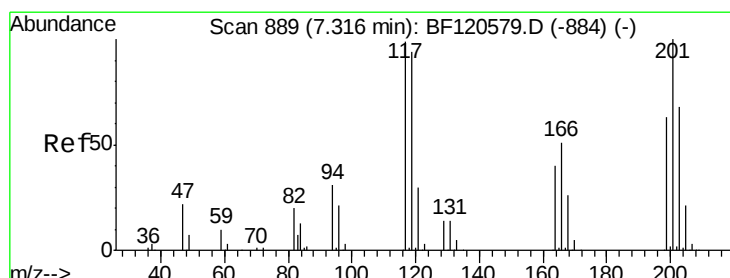
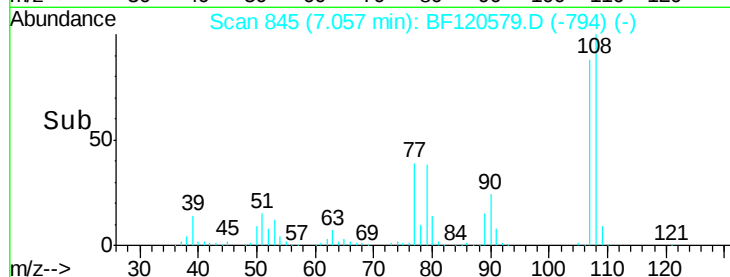
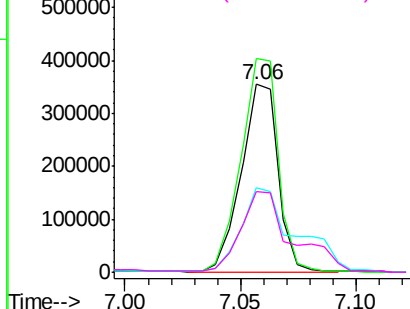
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.0	136.6
77	44.7	35.8	53.6
79	42.9	34.3	51.5

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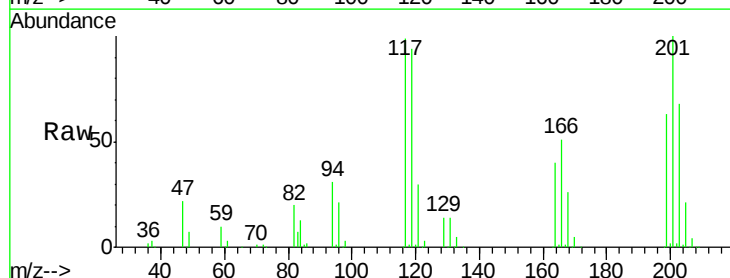


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

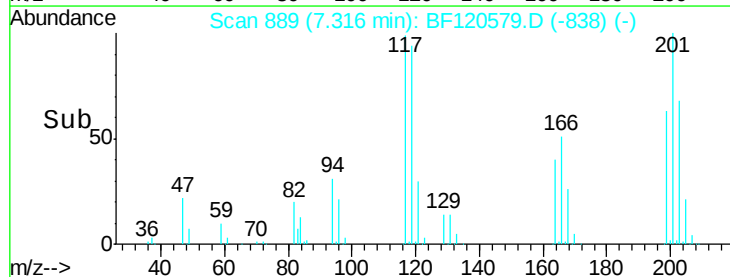
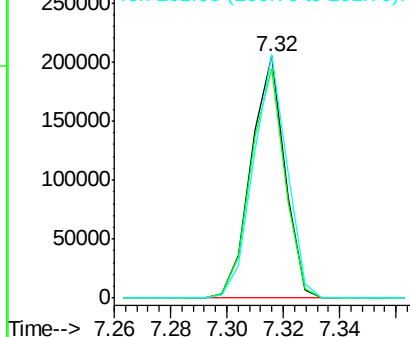


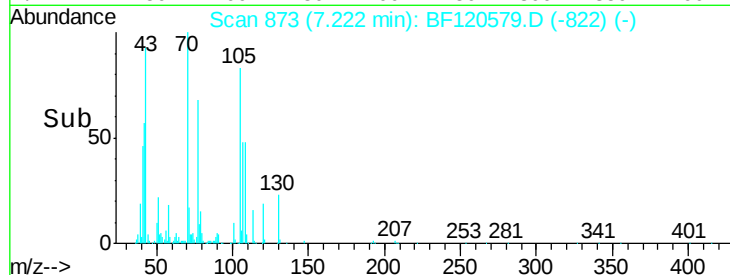
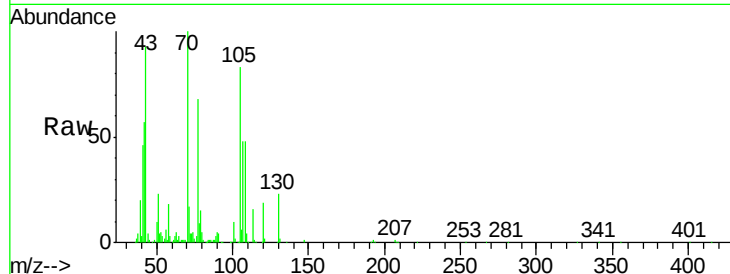
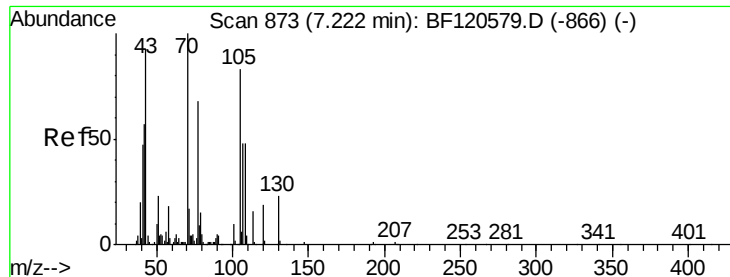
#18
Hexachloroethane
Concen: 40.745 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	100.7	80.6	120.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





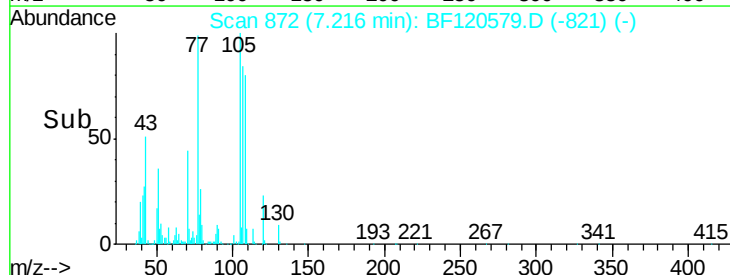
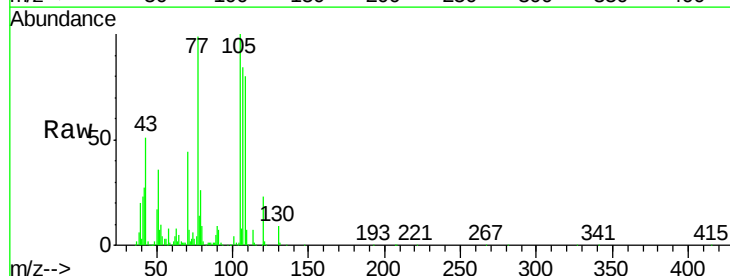
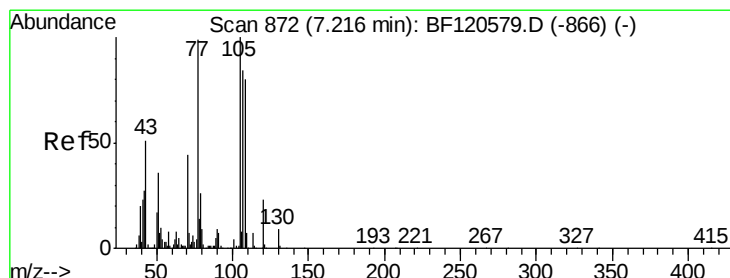
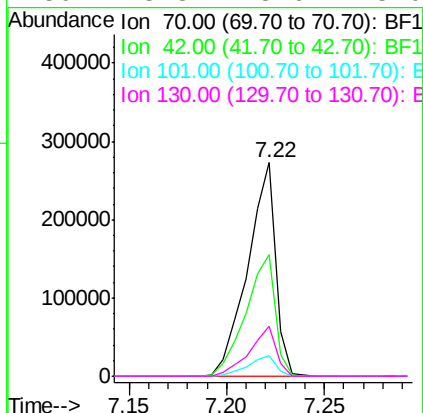
#19
n-Nitroso-di-n-propylamine
Concen: 37.866 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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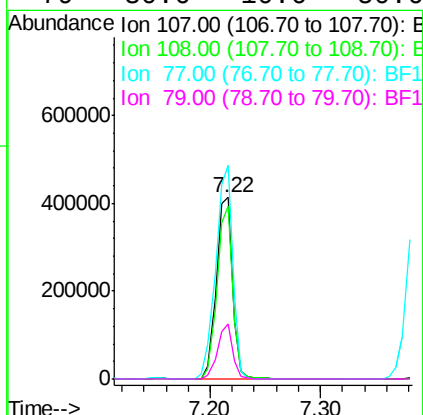
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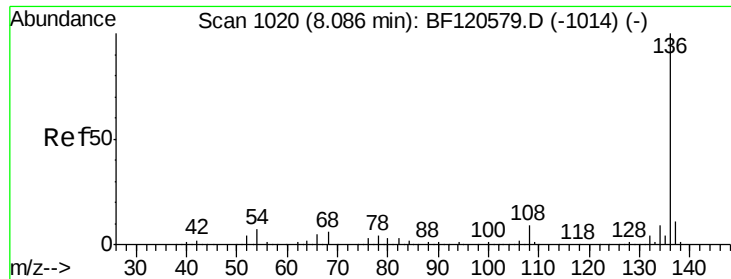
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	45.8	68.6	
101	9.7	7.8	11.6	
130	23.3	18.6	28.0	



#20
3+4-Methylphenols
Concen: 36.208 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.9	74.9	114.9	
77	117.6	97.6	137.6	
79	30.6	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: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

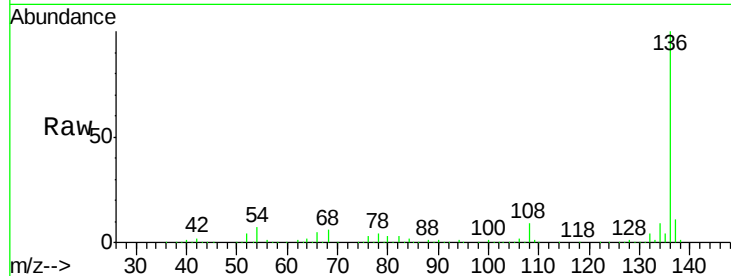
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		636514		
137	10.8	8.6	13.0		
54	7.2	5.8	8.6		
68	5.6	4.5	6.7		

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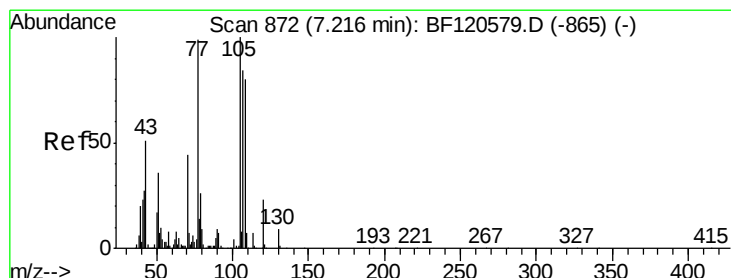
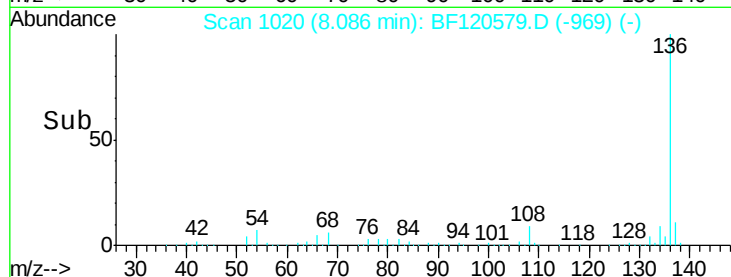
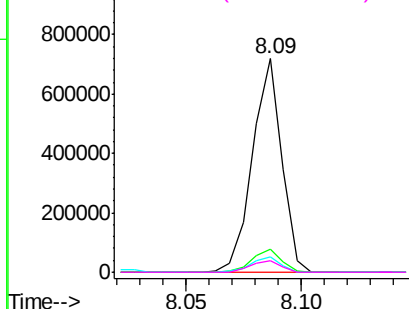


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.644 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

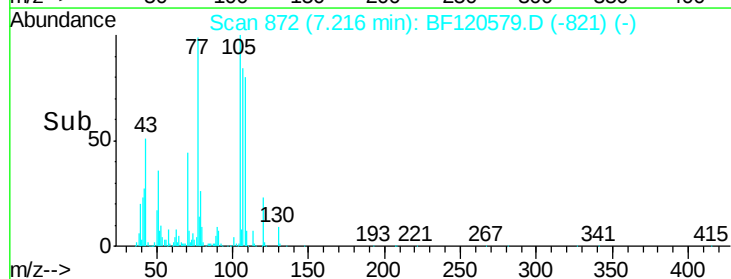
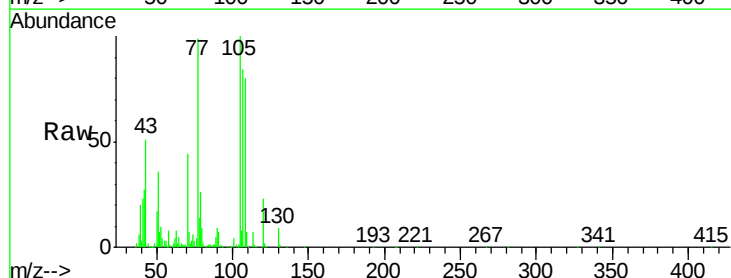
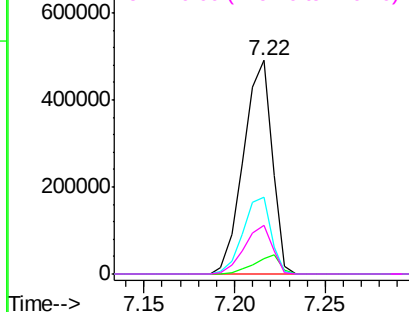
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		538341		
71	7.3	5.8	8.8		
51	35.9	28.7	43.1		
120	22.7	18.2	27.2		

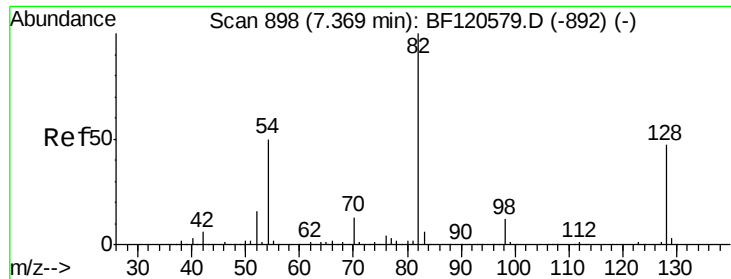
Abundance Ion 105.00 (104.70 to 105.70): E

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





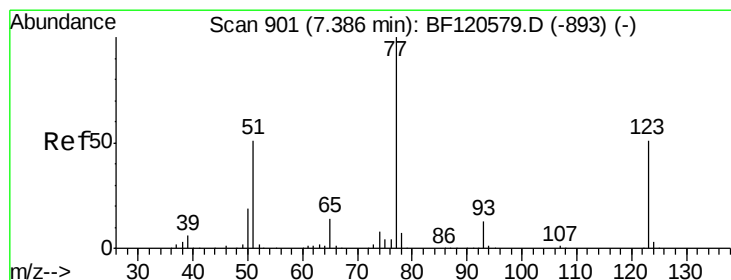
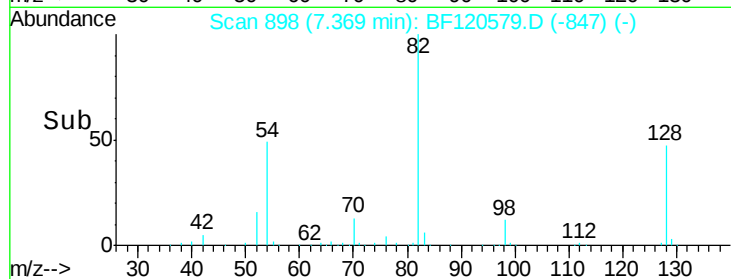
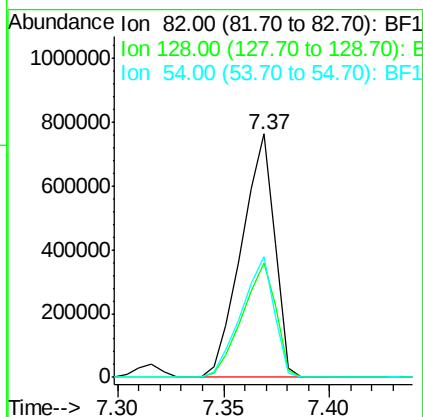
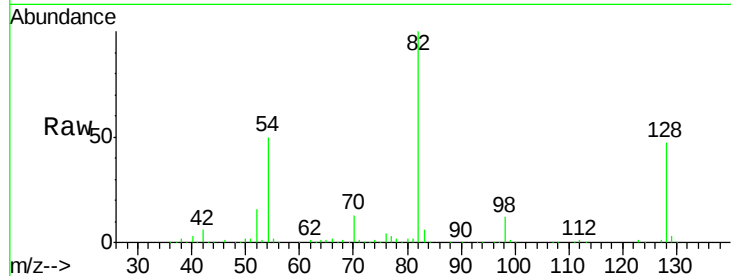
#23
Nitrobenzene-d5
Concen: 85.796 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.5	56.3
54	49.7	39.8	59.6

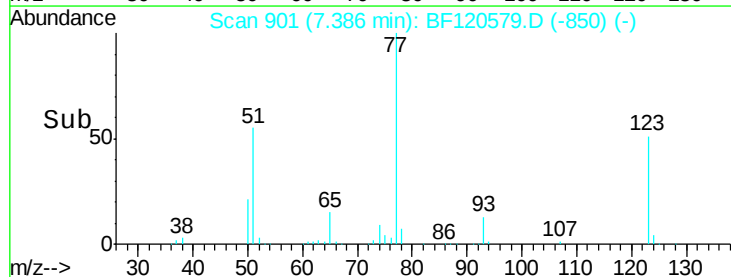
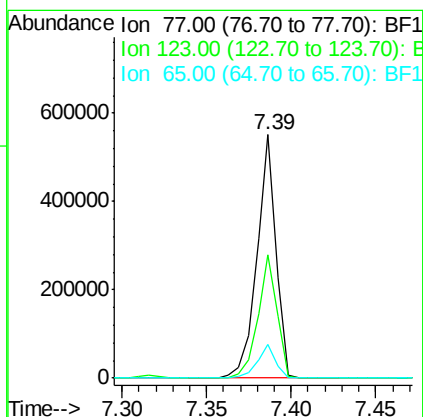
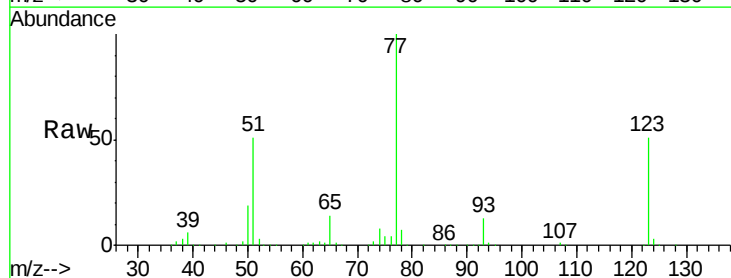
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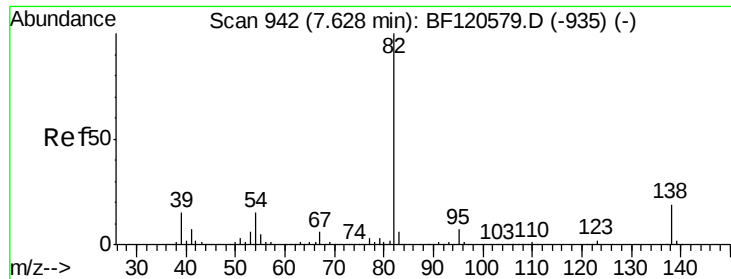
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#24
Nitrobenzene
Concen: 41.555 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.5	60.7
65	13.6	10.9	16.3





#25

Isophorone

Concen: 40.687 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

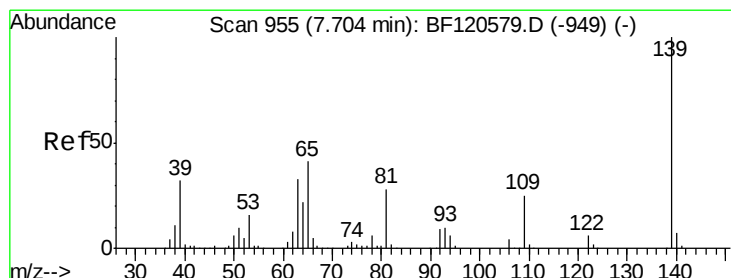
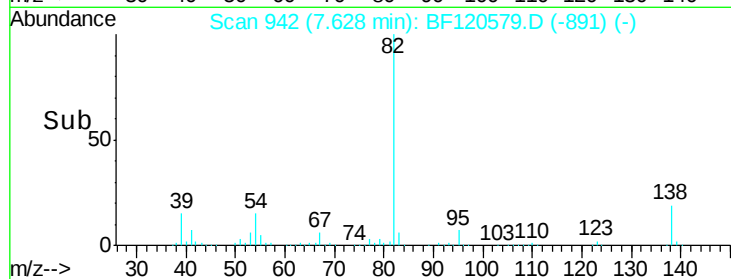
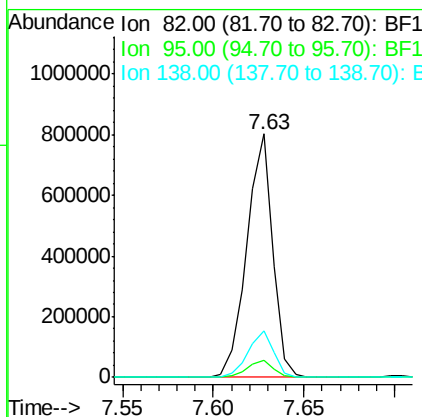
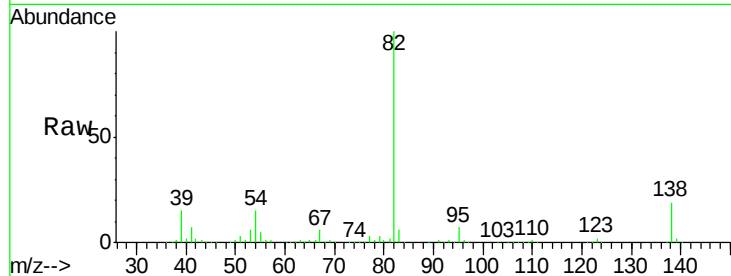
ClientSampled :

SSTDICCC040

Tot Ion:	82	Resp:	795726
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.3	15.4	23.2

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#26

2-Nitrophenol

Concen: 48.863 ng

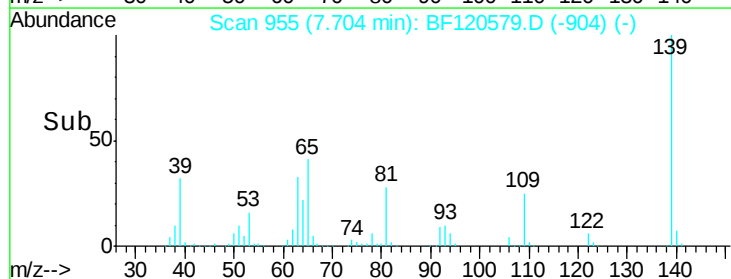
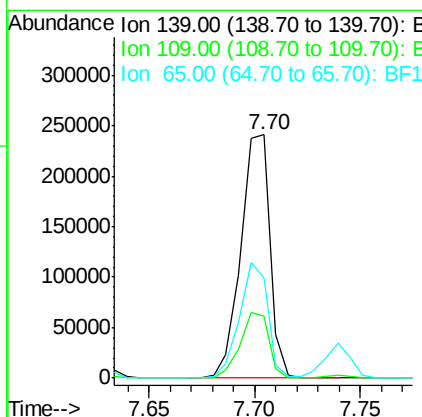
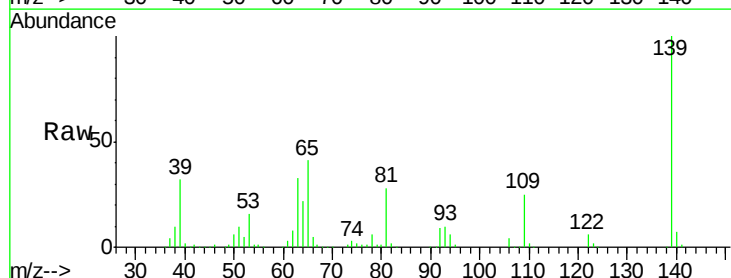
RT: 7.70 min Scan# 955

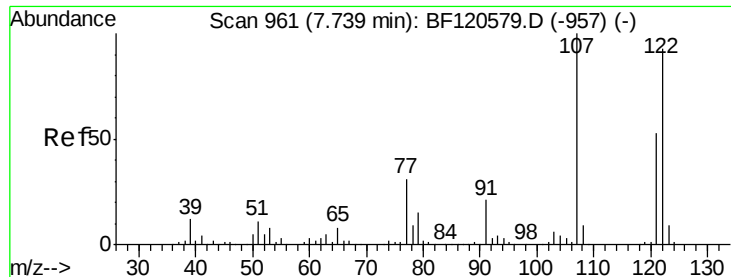
Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Tgt Ion:	139	Resp:	230928
Ion Ratio	Lower	Upper	
139	100		
109	25.2	20.2	30.2
65	41.1	32.9	49.3





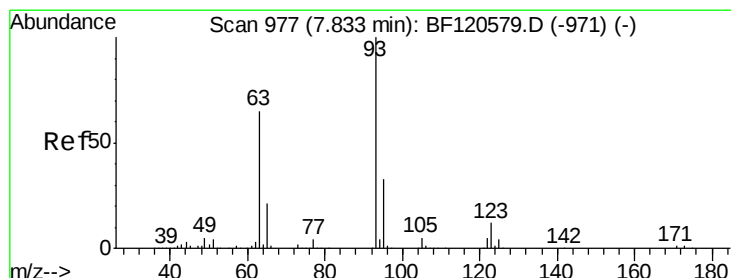
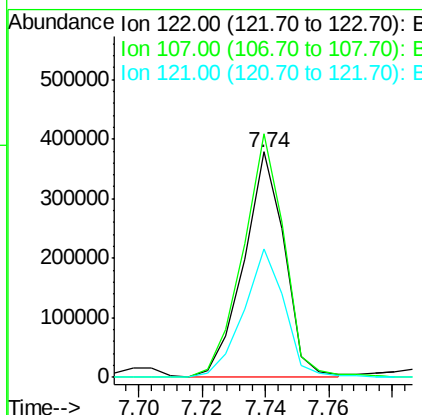
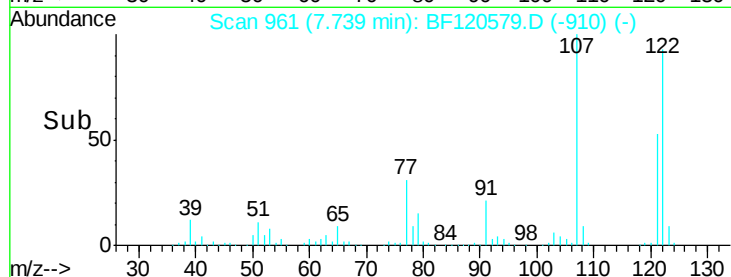
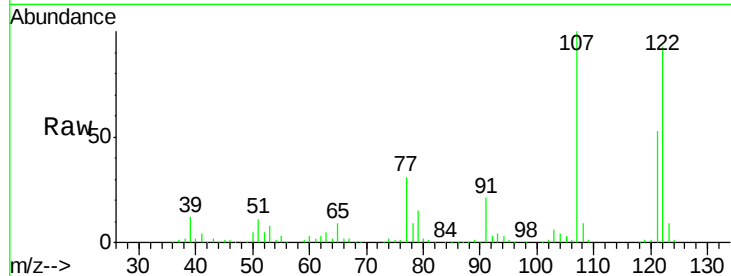
#27
2,4-Dimethylphenol
Concen: 41.311 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.3	129.5
121	56.8	45.4	68.2

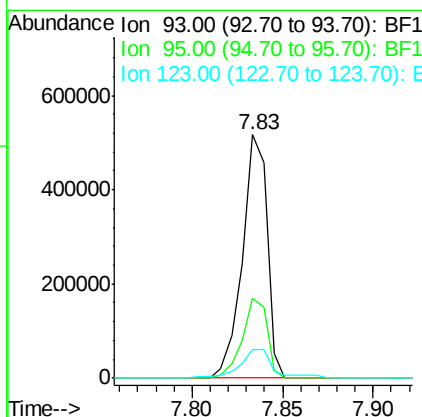
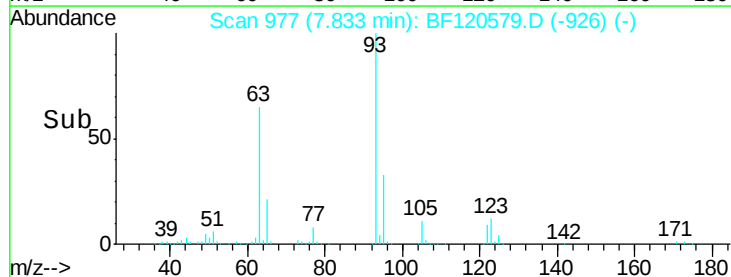
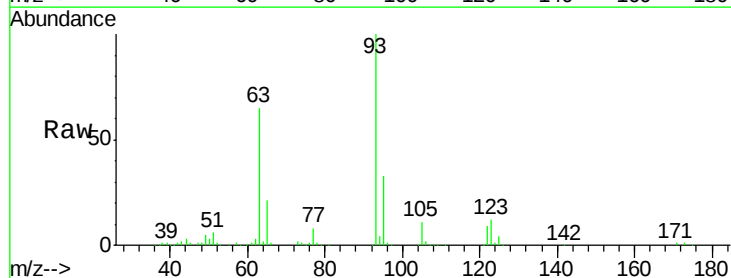
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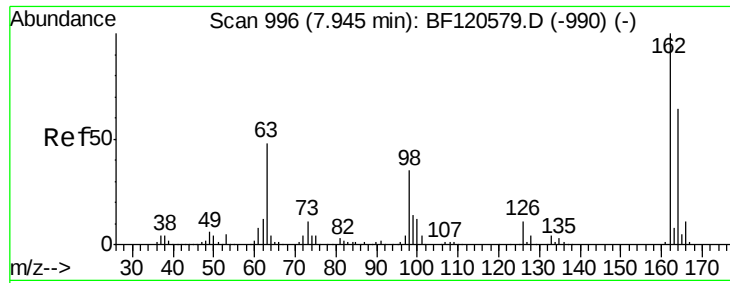
mohammad
6/10/2020 11:50:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.471 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.5	14.3





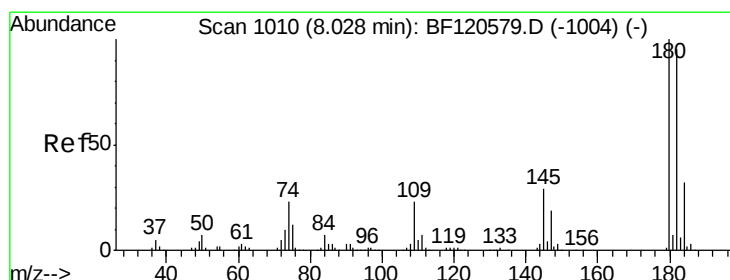
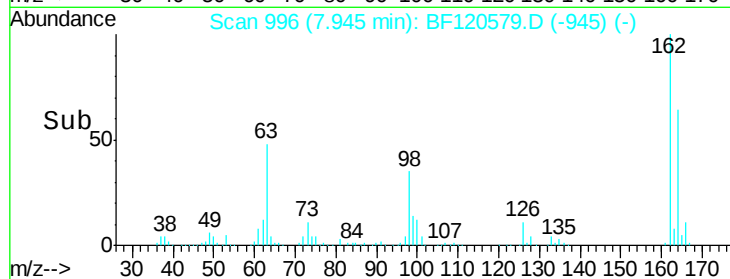
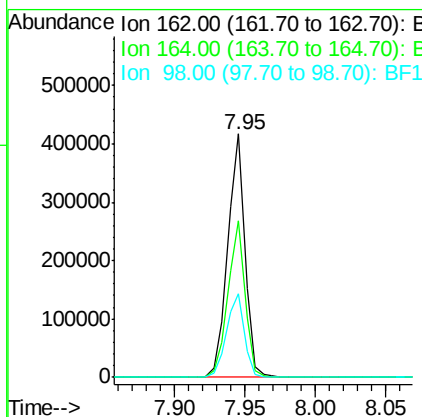
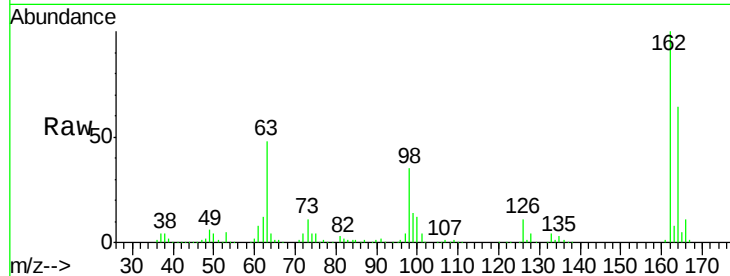
#29
2,4-Dichlorophenol
Concen: 42.795 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	44.1	84.1
98	34.6	14.6	54.6

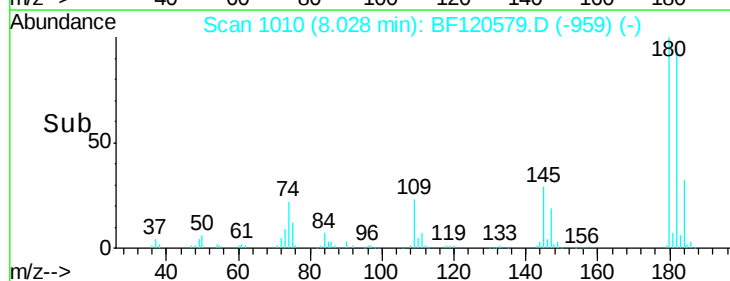
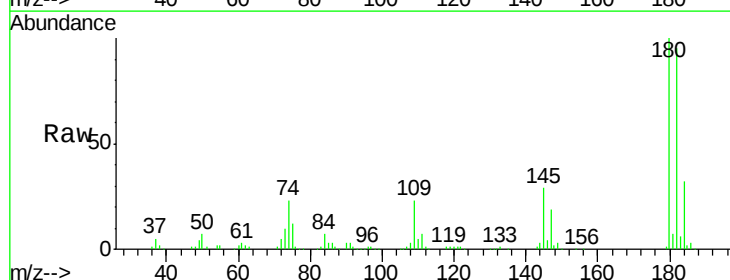
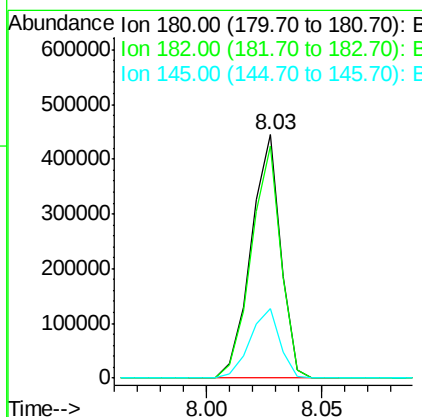
Manual Integrations
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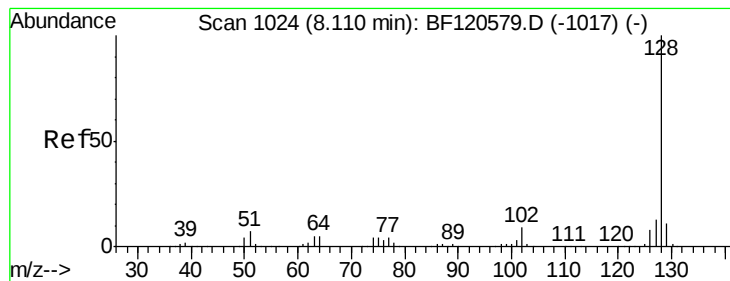
mohammad
6/10/2020 11:50:55 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.874 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	76.2	114.4
145	28.8	23.0	34.6





#31

Naphthalene

Concen: 42.705 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1193806

Ion Ratio Lower Upper

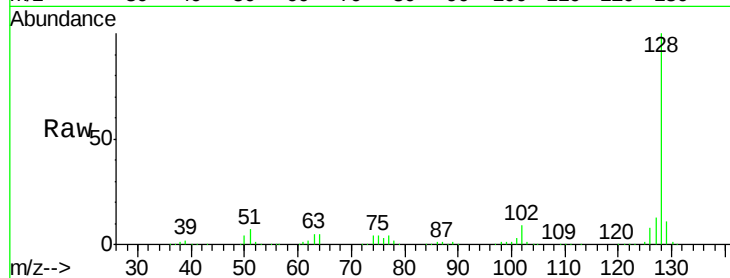
128 100

129 11.3 9.0 13.6

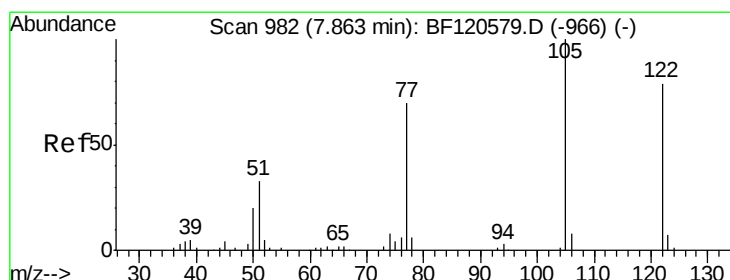
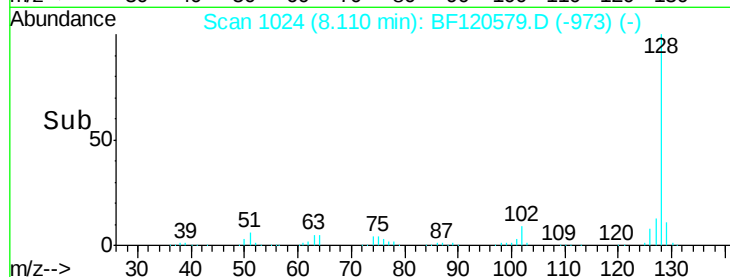
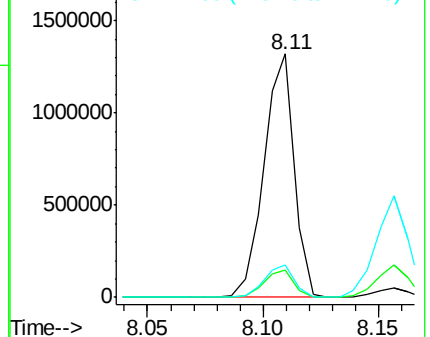
127 13.4 10.7 16.1

Manual Integrations
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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: 45.404 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

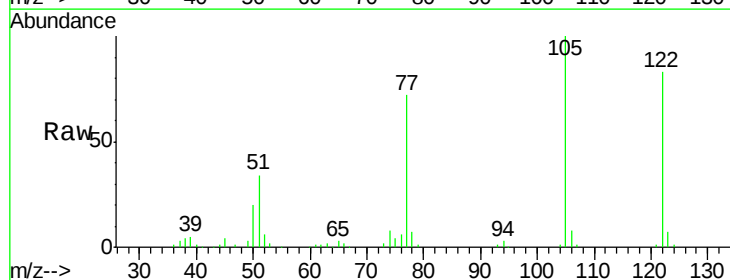
Tgt Ion:122 Resp: 276528

Ion Ratio Lower Upper

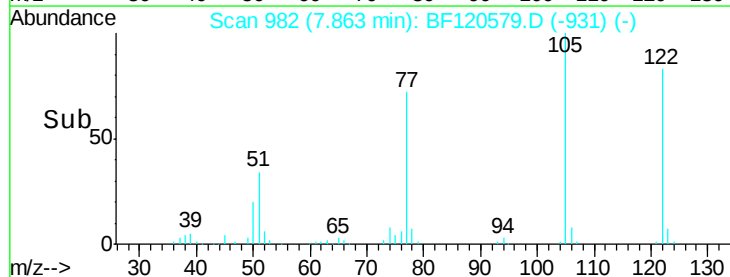
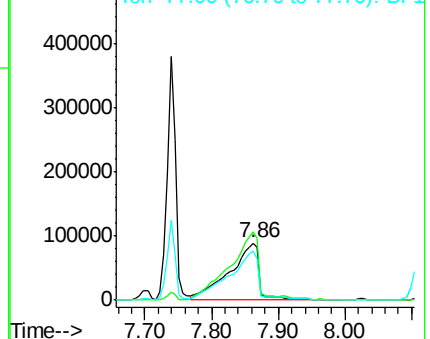
122 100

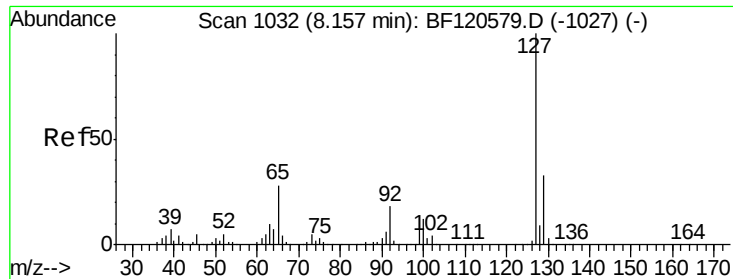
105 121.1 101.1 141.1

77 86.8 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





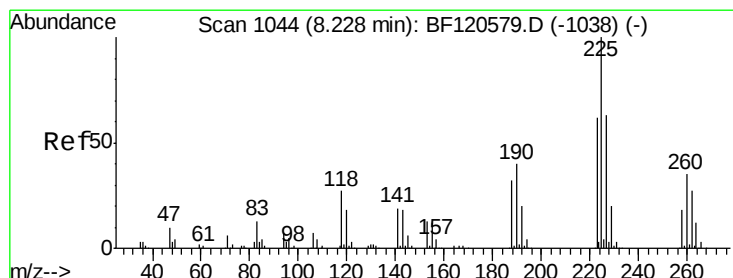
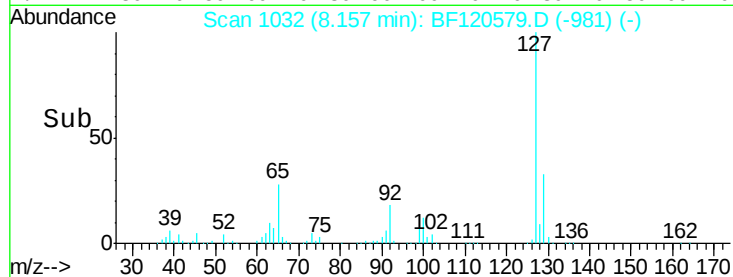
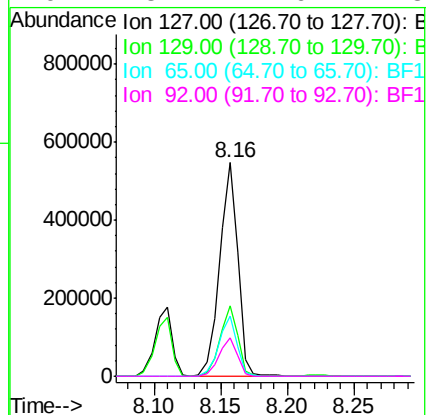
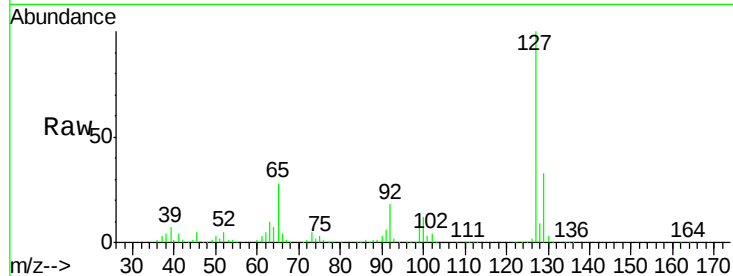
#33
4-Chloroaniline
Concen: 42.648 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.2		
65	28.2	22.6	33.8		
92	18.2	14.6	21.8		

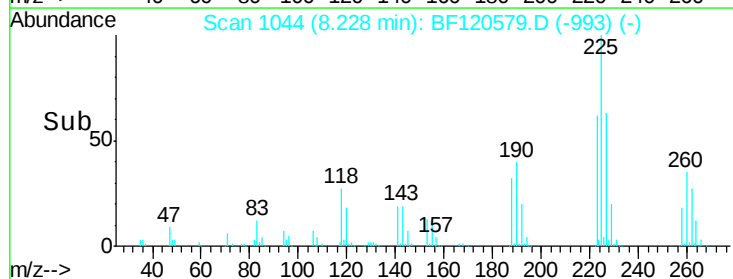
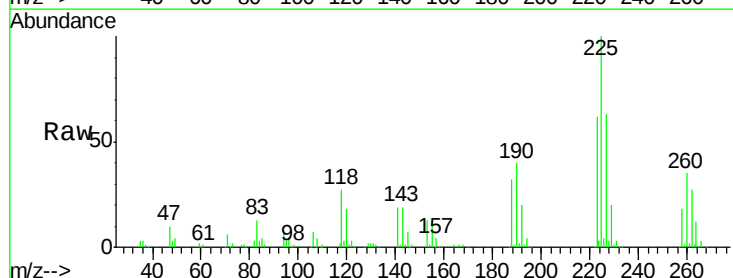
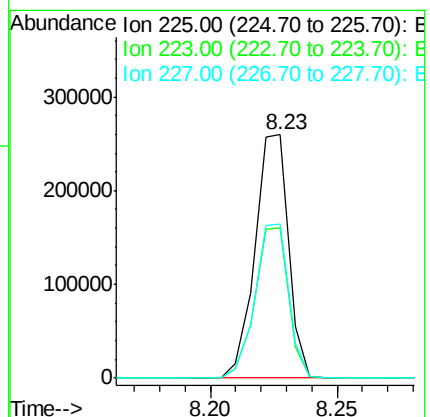
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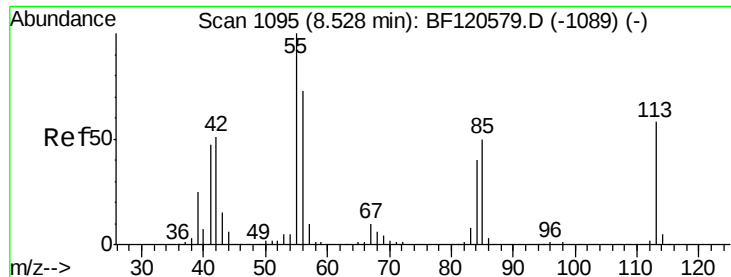
mohammad
6/10/2020 11:50:55 AM



#34
Hexachlorobutadiene
Concen: 43.543 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.5	74.3		
227	63.3	50.6	76.0		





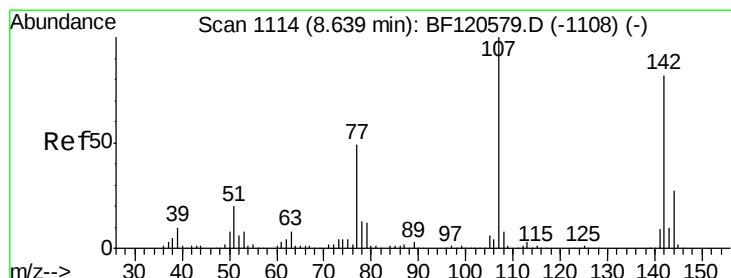
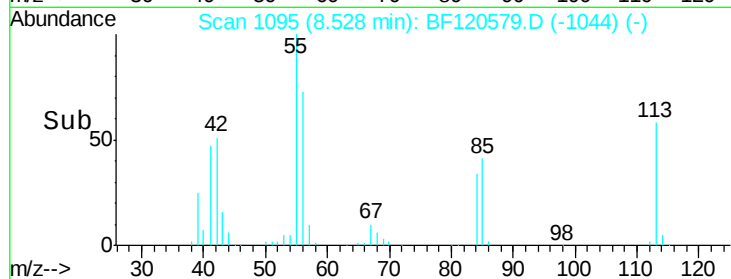
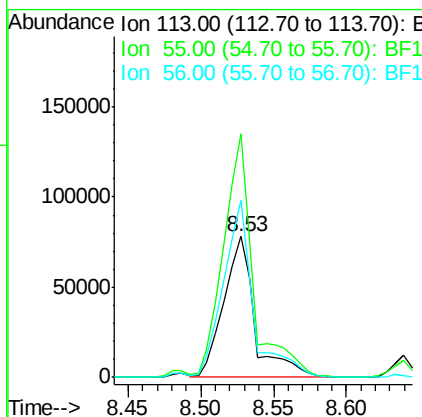
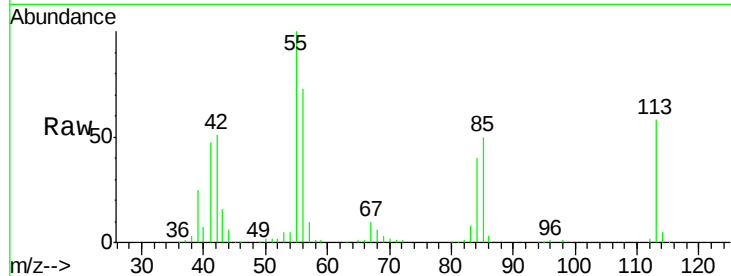
#35
 Caprolactam
 Concen: 43.319 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.8	152.8	192.8
56	125.9	105.9	145.9

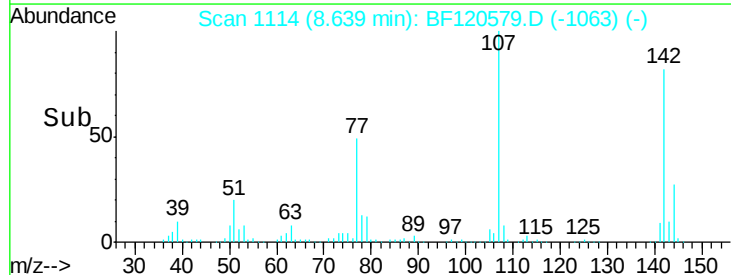
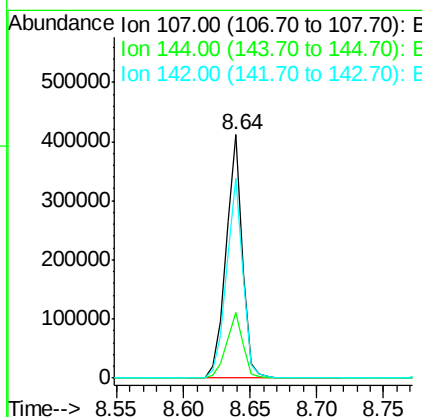
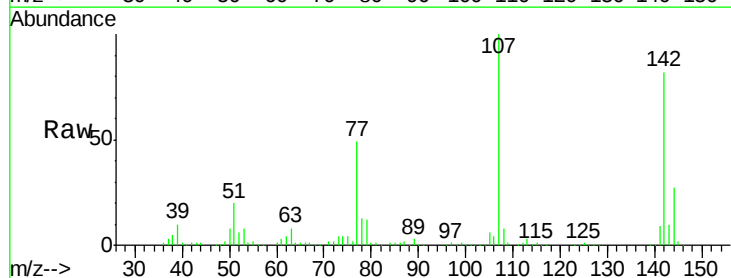
Manual Integrations
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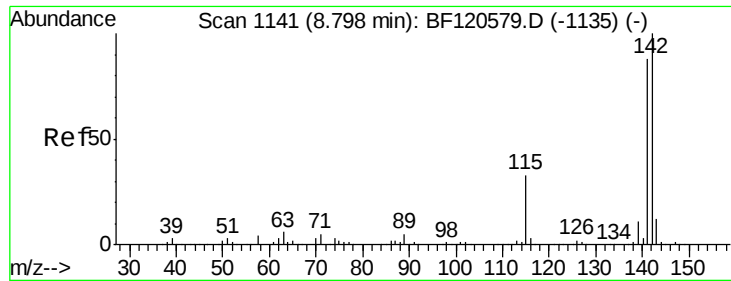
mohammad
 6/10/2020 11:50:55 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.351 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.6	32.4
142	82.3	65.8	98.8





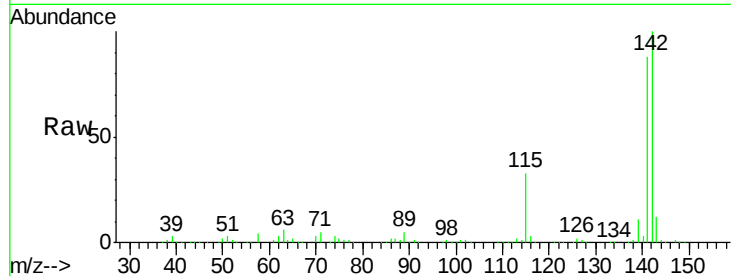
#37
2-Methylnaphthalene
Concen: 43.392 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.2
115	33.2	26.6	39.8

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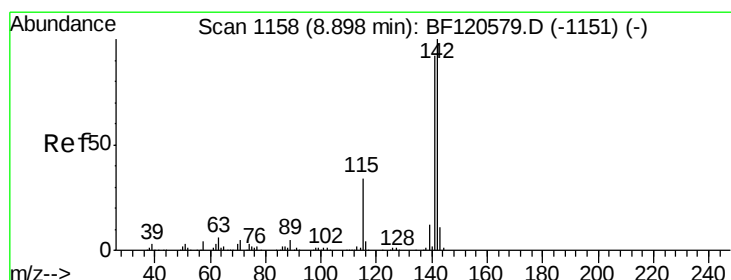
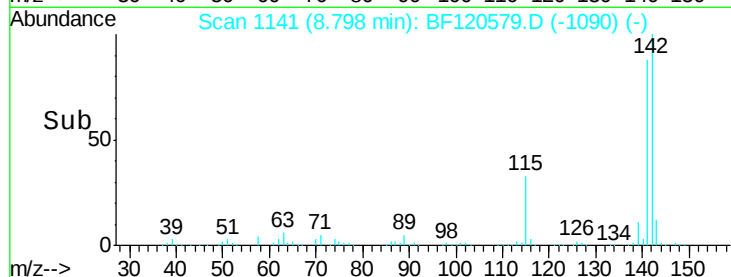
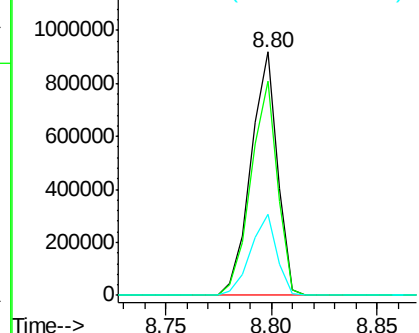


Abundance

Ion 142.00 (141.70 to 142.70): E

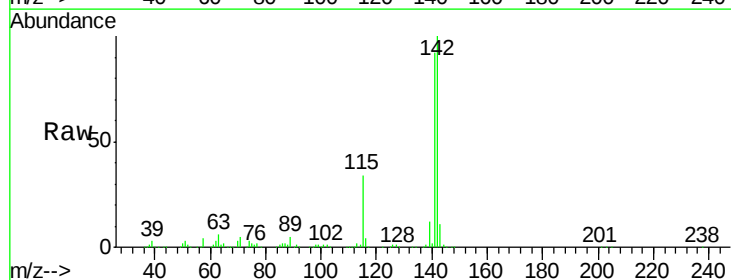
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.995 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9
116	3.6	2.9	4.3

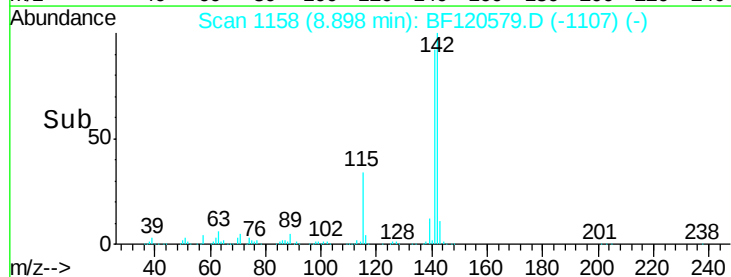
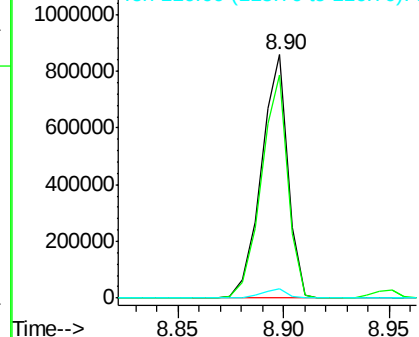


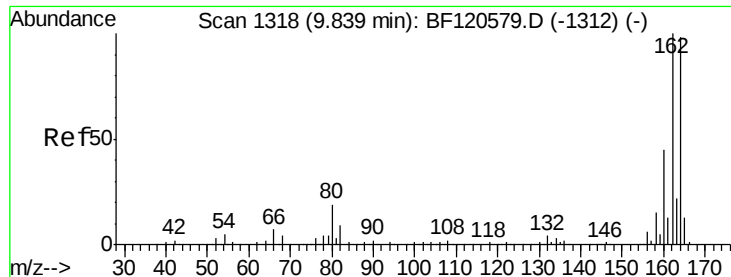
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:164 Resp: 329685

Ion Ratio Lower Upper

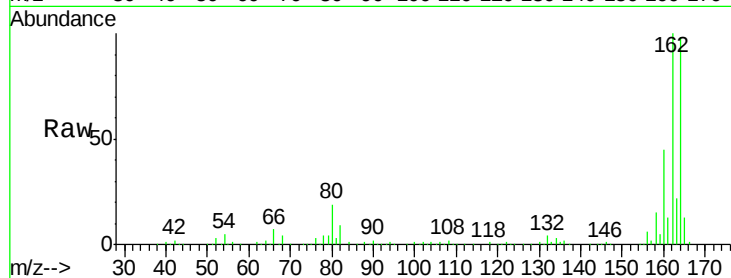
164 100

162 101.8 81.4 122.2

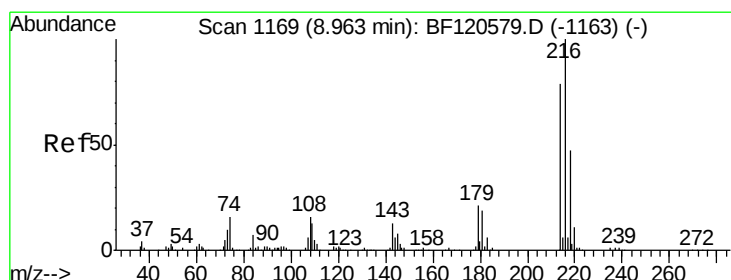
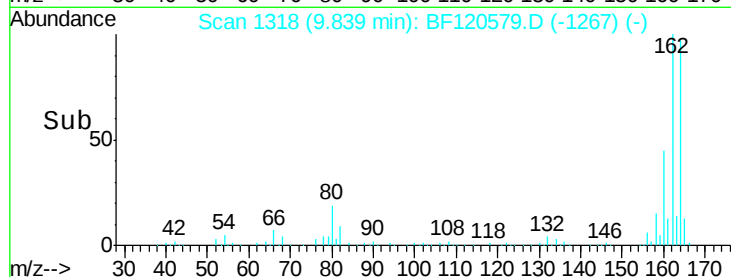
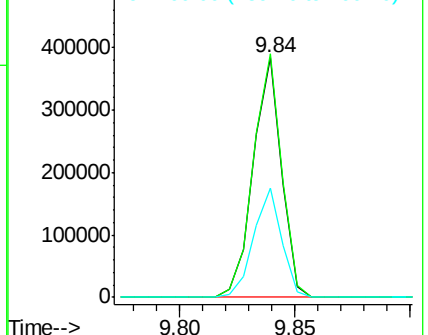
160 45.7 36.6 54.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.907 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Tgt Ion:216 Resp: 379672

Ion Ratio Lower Upper

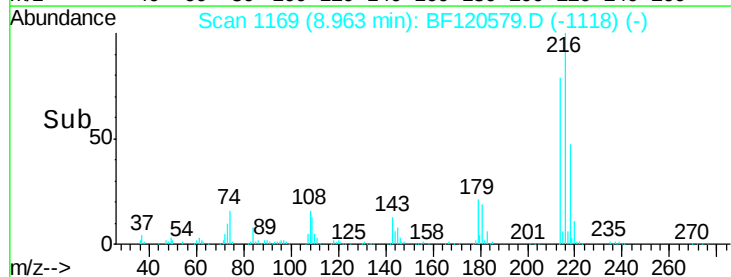
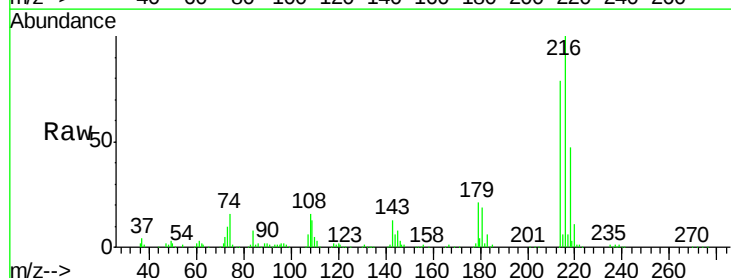
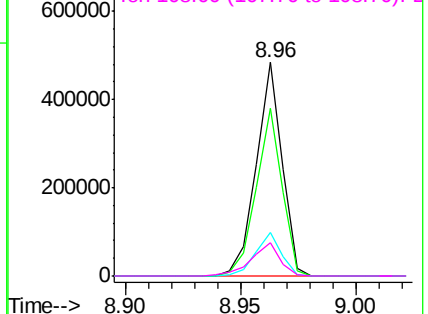
216 100

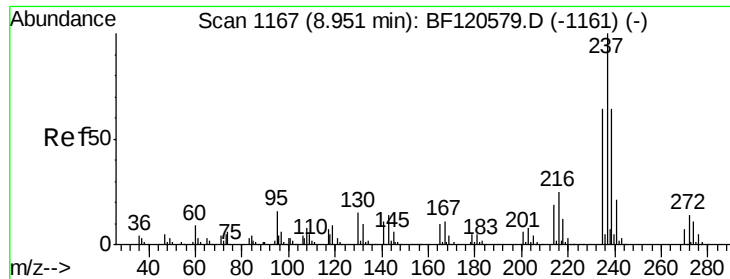
214 78.5 62.8 94.2

179 20.2 16.2 24.2

108 17.5 14.0 21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





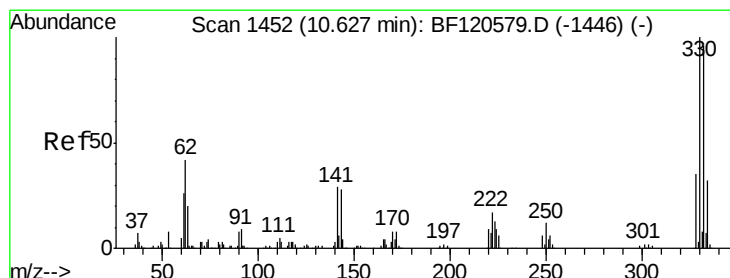
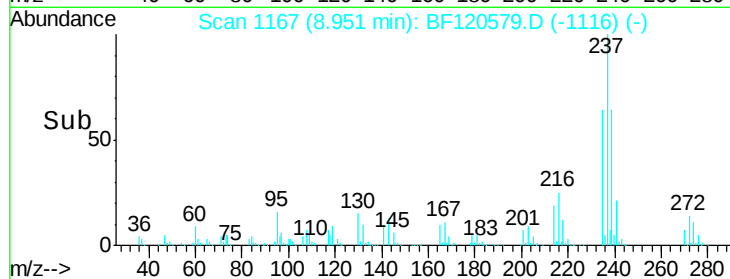
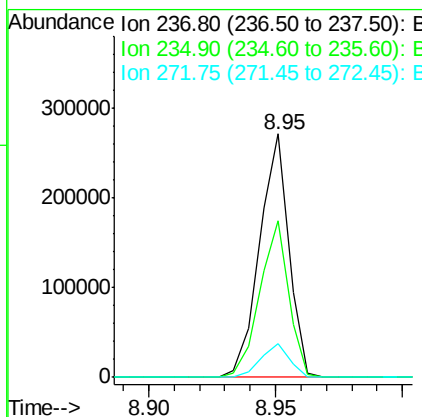
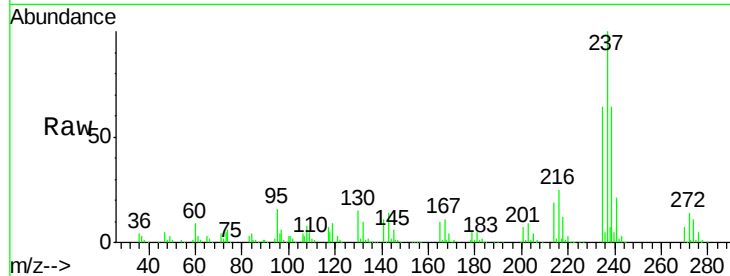
#41
Hexachlorocyclopentadiene
Concen: 46.589 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.2	84.2
272	14.0	0.0	34.0

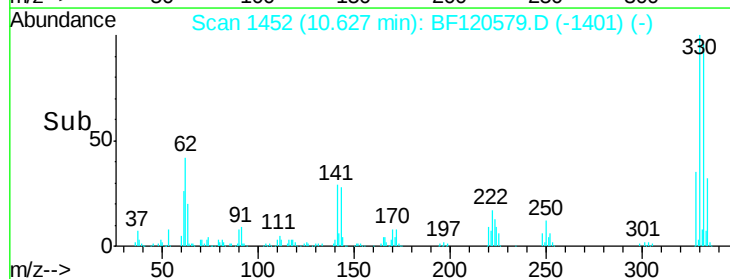
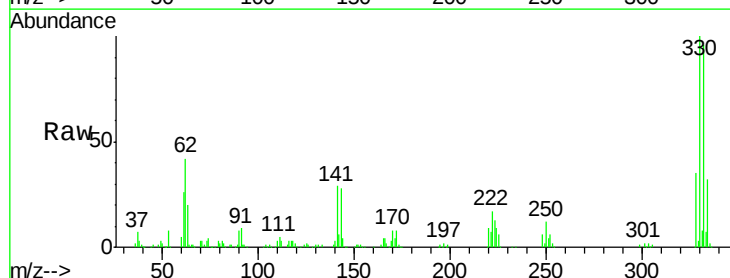
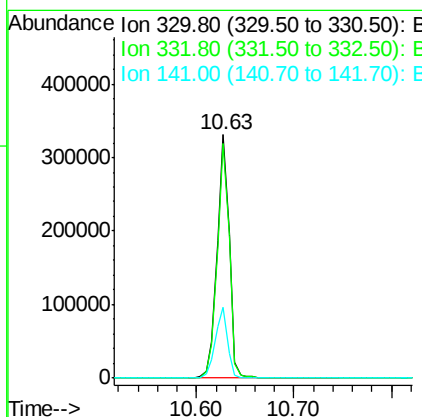
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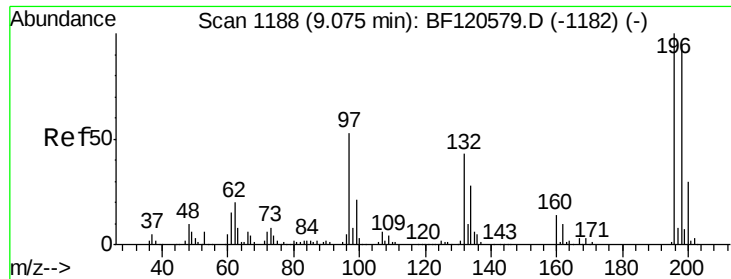
mohammad
6/10/2020 11:50:55 AM



#42
2,4,6-Tribromophenol
Concen: 94.171 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.0	115.4
141	29.4	23.5	35.3





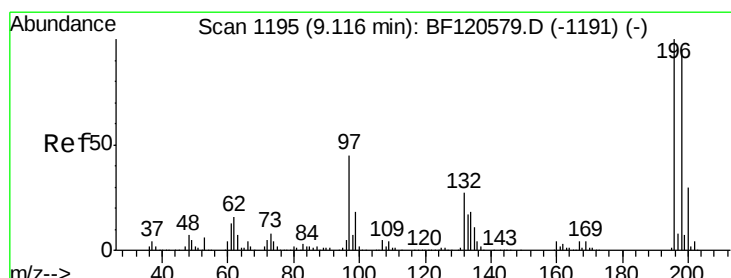
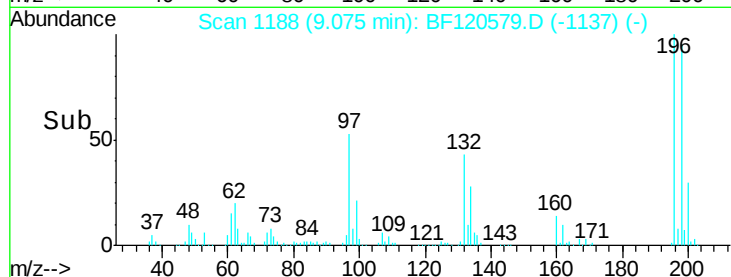
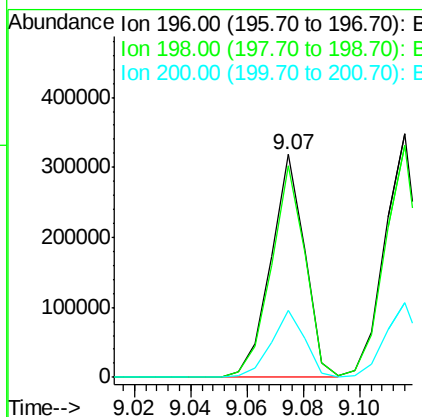
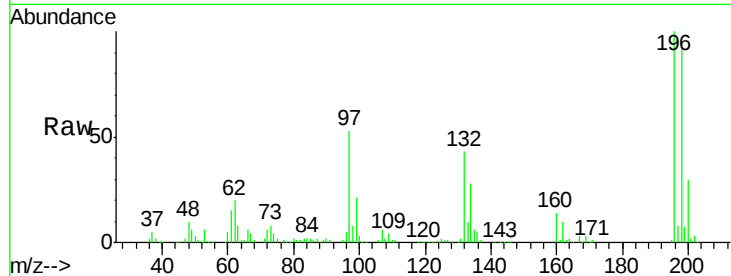
#43
 2,4,6-Trichlorophenol
 Concen: 43.533 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	266188
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
200	30.3	24.2	36.4

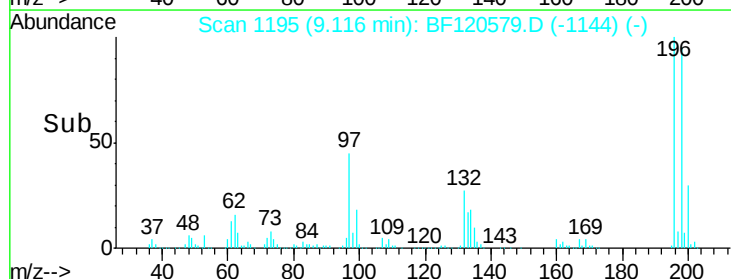
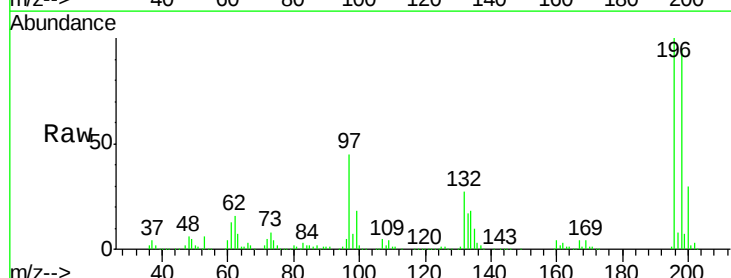
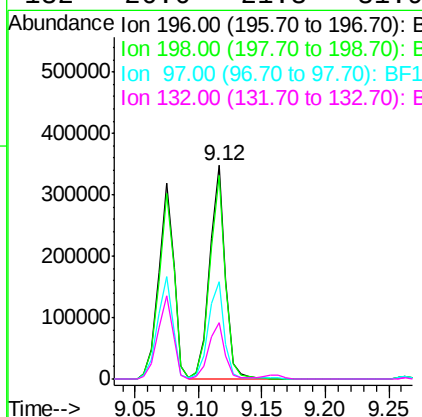
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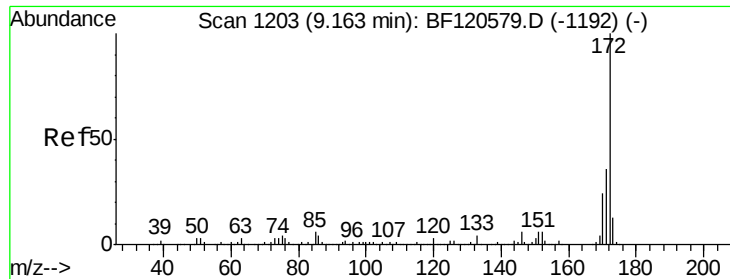
mohammad
 6/10/2020 11:50:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.746 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion:	196	Resp:	303213
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.2	114.4
97	45.3	36.2	54.4
132	26.6	21.3	31.9





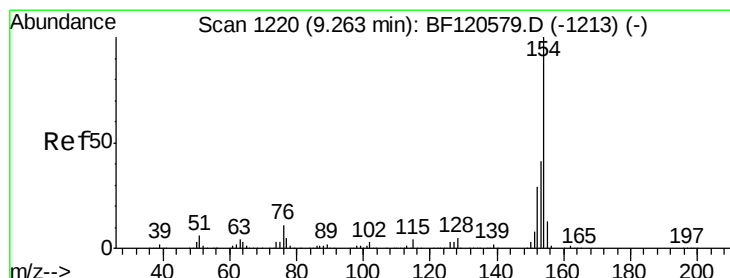
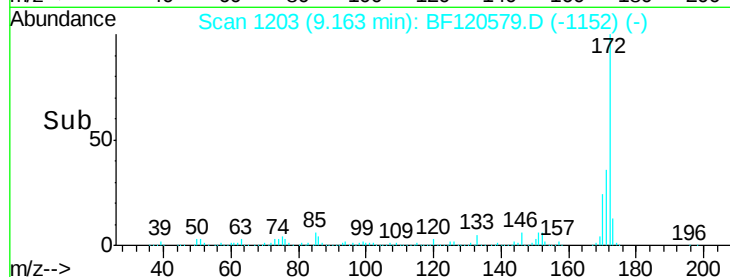
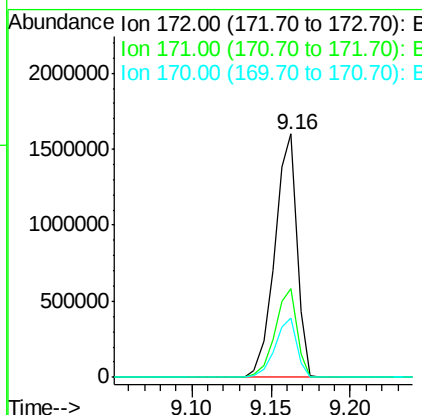
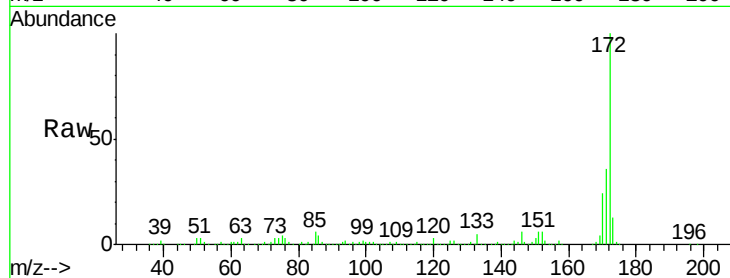
#45
2-Fluorobiphenyl
Concen: 80.340 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	19.5	29.3

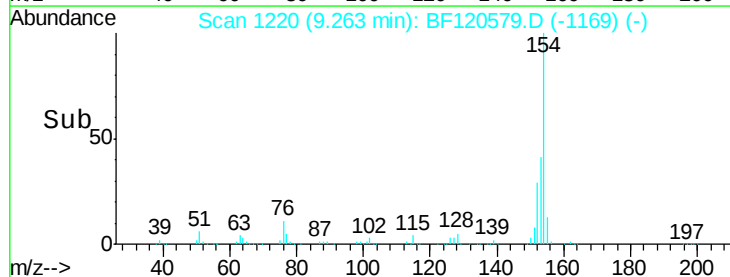
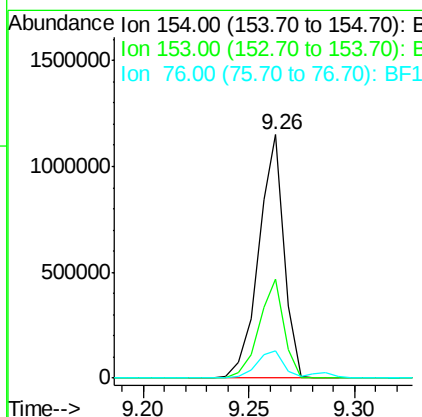
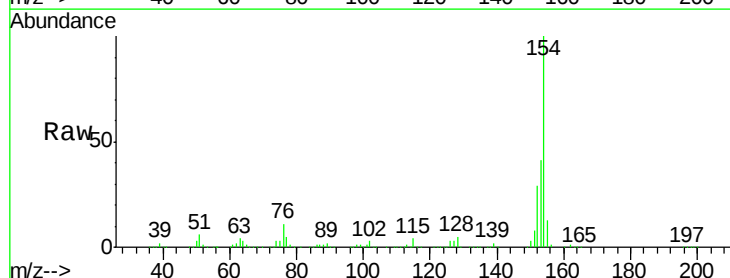
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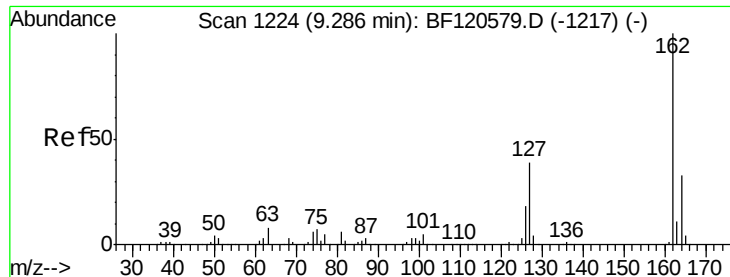
mohammad
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#46
1,1'-Biphenyl
Concen: 44.171 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	11.4	0.0	31.4





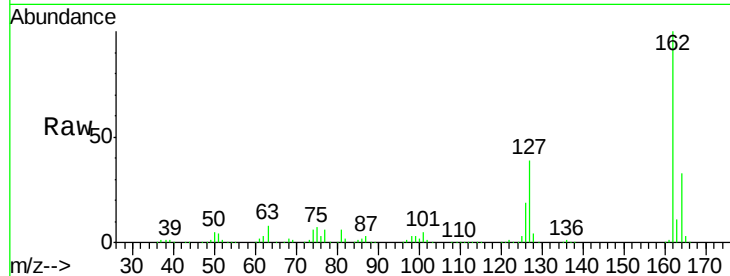
#47
 2-Chloronaphthalene
 Concen: 43.576 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

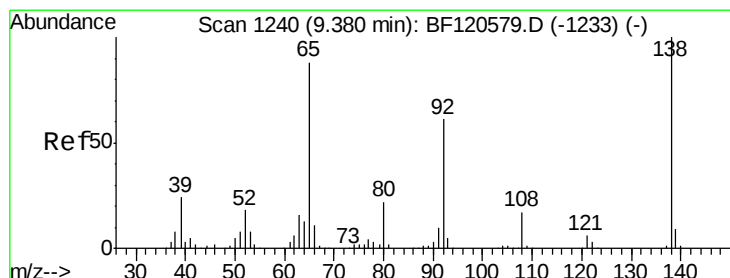
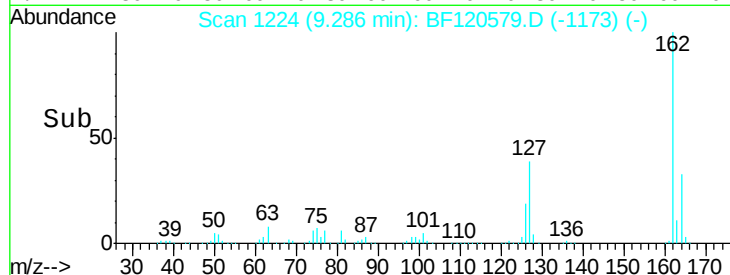
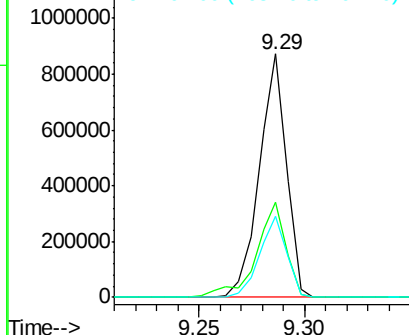
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.2	46.8
164	33.2	26.6	39.8

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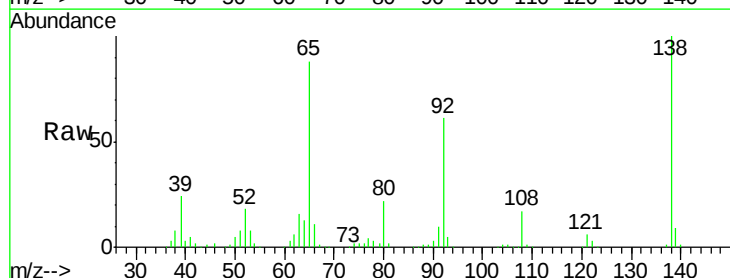


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

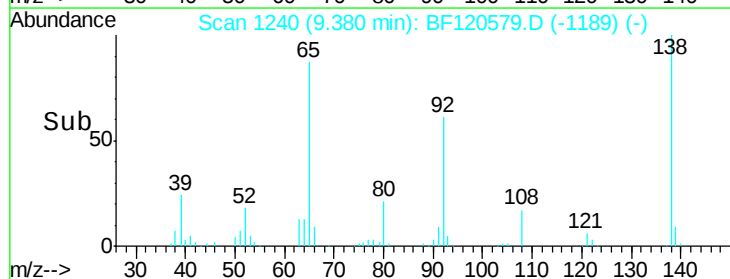
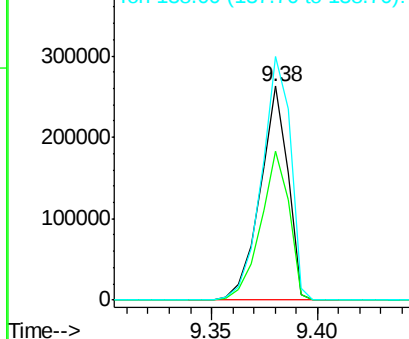


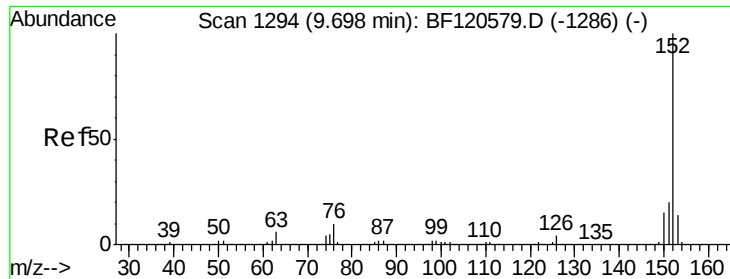
#48
 2-Nitroaniline
 Concen: 44.255 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.6	83.4
138	114.0	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: 44.036 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1213576

Ion Ratio Lower Upper

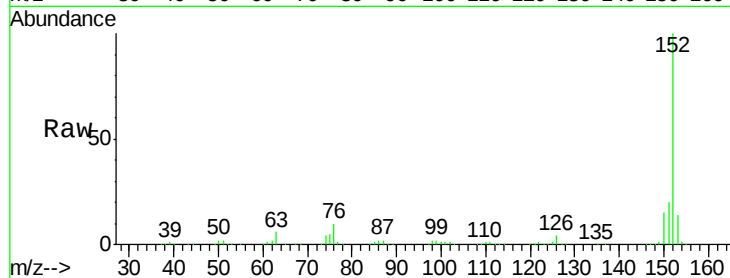
152 100

151 20.4 16.3 24.5

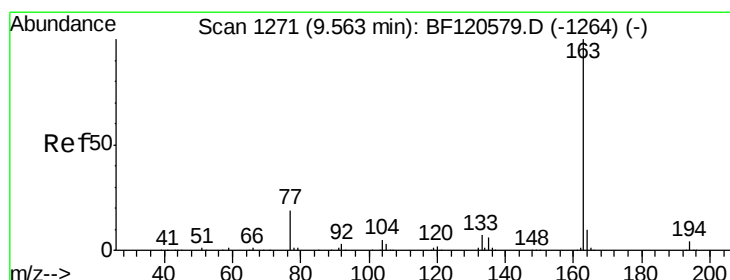
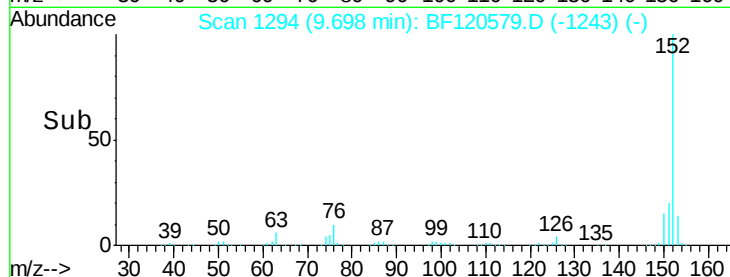
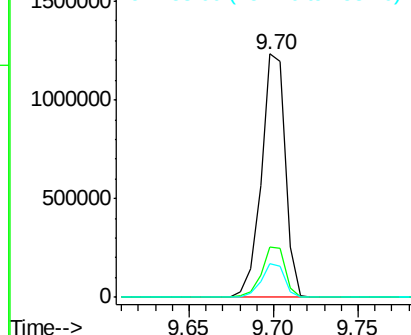
153 13.8 11.0 16.6

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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: 43.947 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

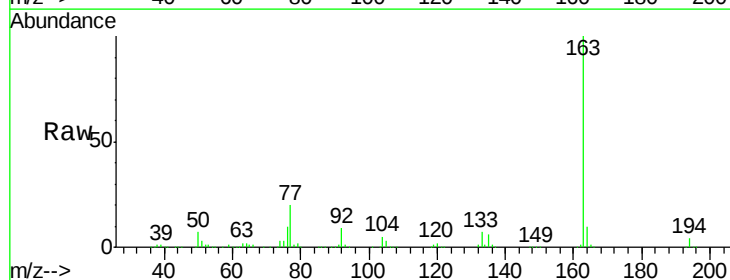
Tgt Ion:163 Resp: 905793

Ion Ratio Lower Upper

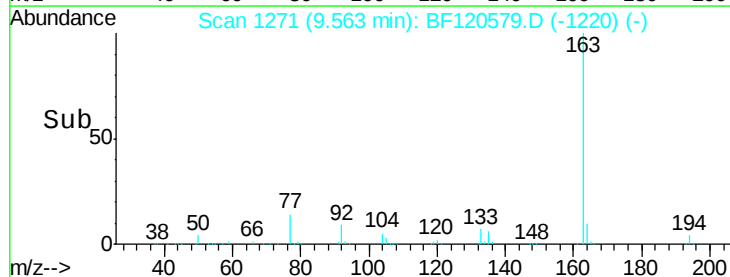
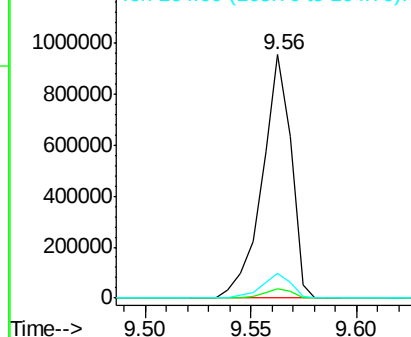
163 100

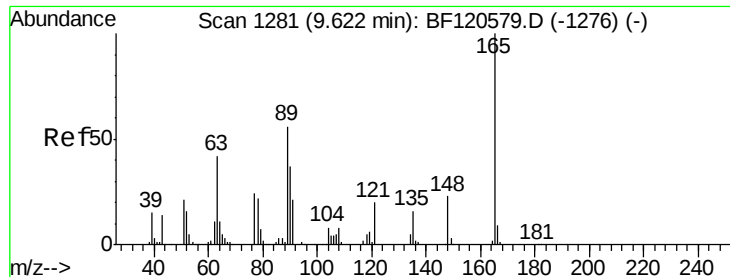
194 3.9 3.1 4.7

164 10.2 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: 45.199 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:165 Resp: 207032
Ion Ratio Lower Upper

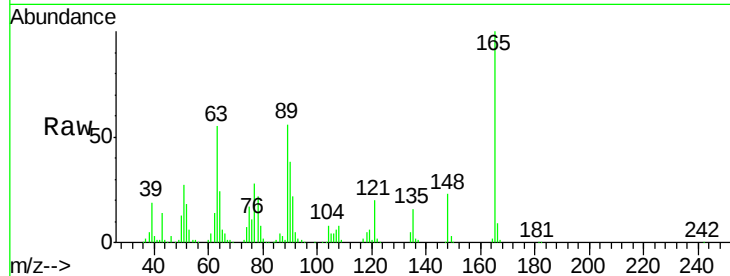
165 100

63 54.8 43.8 65.8

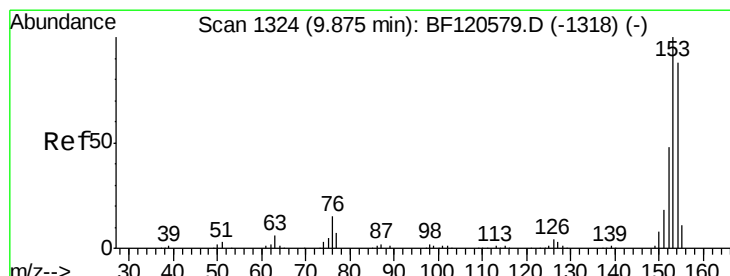
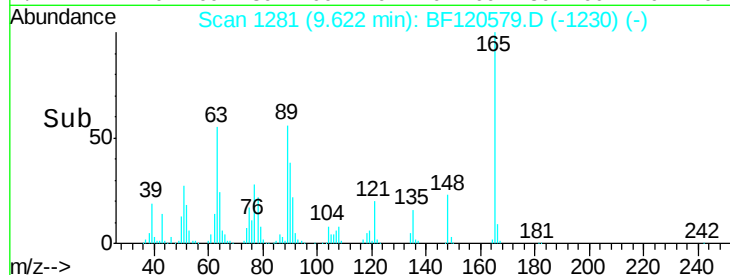
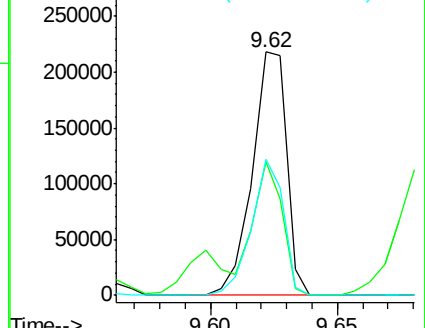
89 56.1 44.9 67.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.280 ng m

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF120579.D

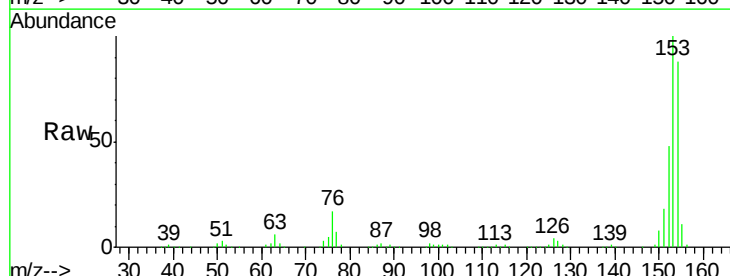
Acq: 9 Jun 2020 14:05

Tgt Ion:154 Resp: 710004
Ion Ratio Lower Upper

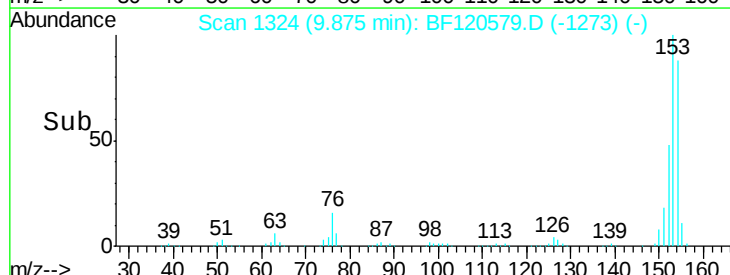
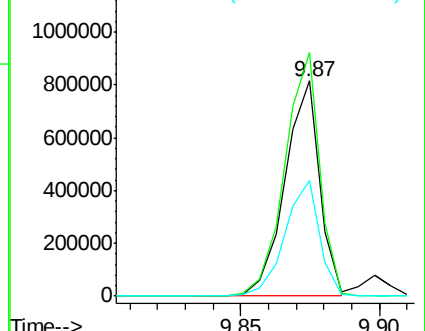
154 100

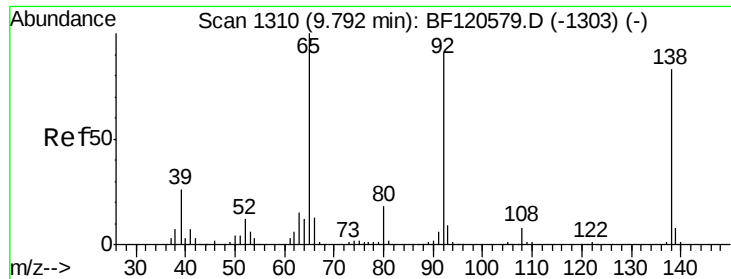
153 113.0 90.4 135.6

152 53.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





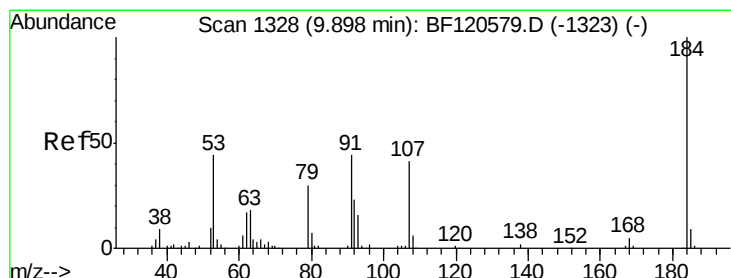
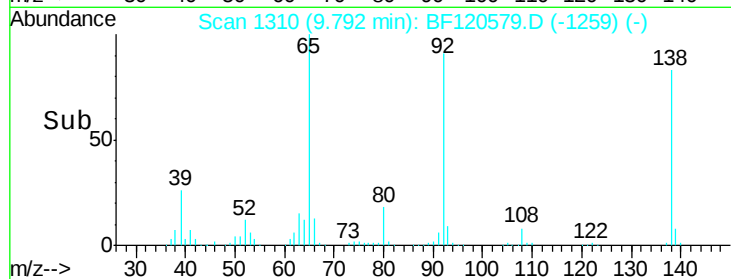
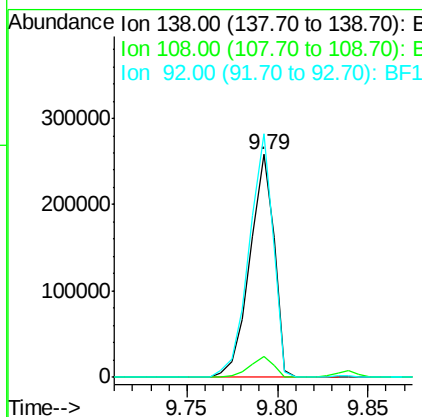
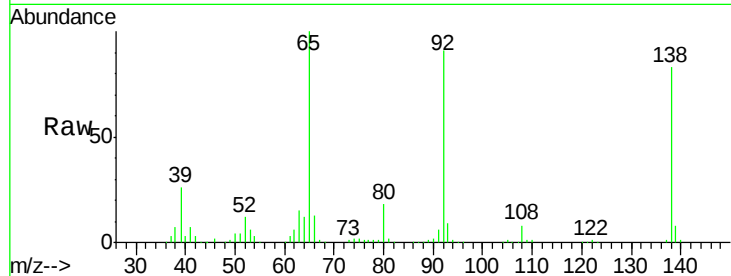
#53
 3-Nitroaniline
 Concen: 44.931 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.7	11.5
92	109.2	87.4	131.0

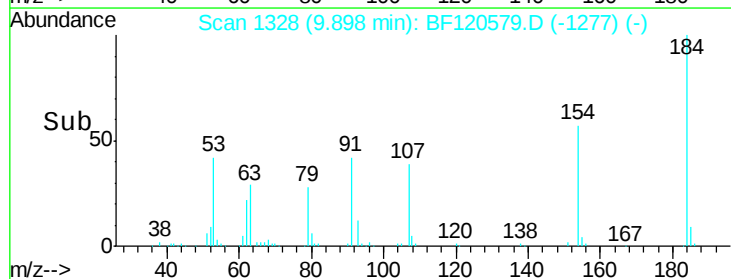
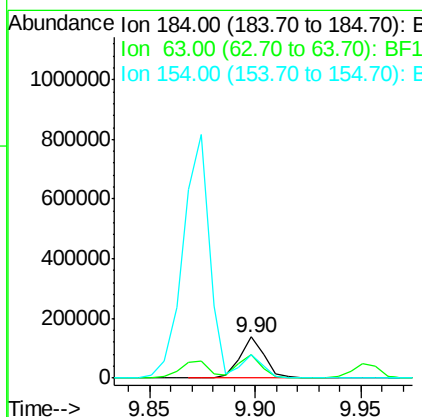
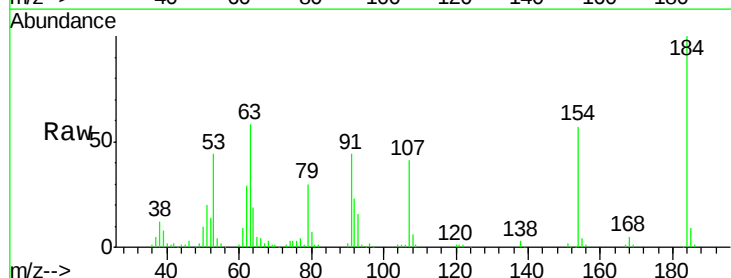
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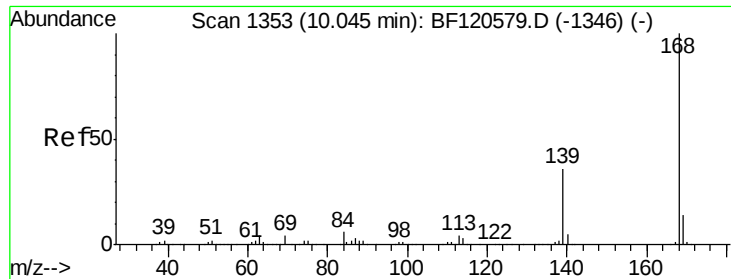
mohammad
 6/10/2020 11:50:55 AM



#54
 2,4-Dinitrophenol
 Concen: 72.300 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	46.2	69.4
154	57.4	45.9	68.9





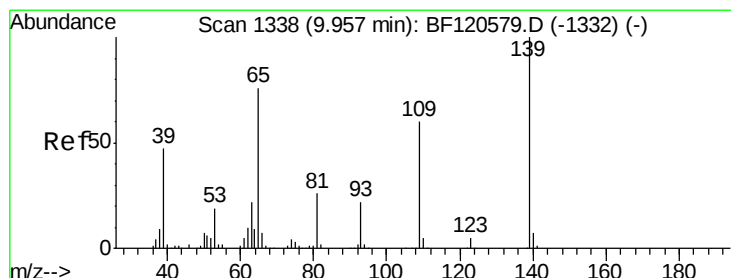
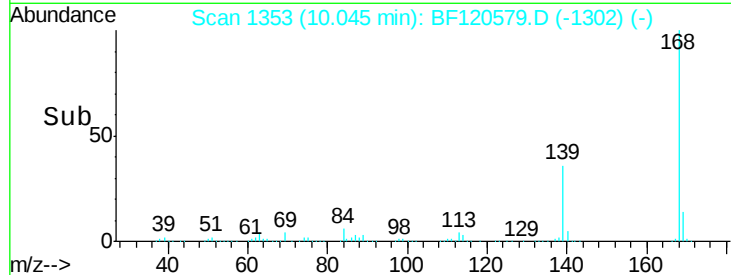
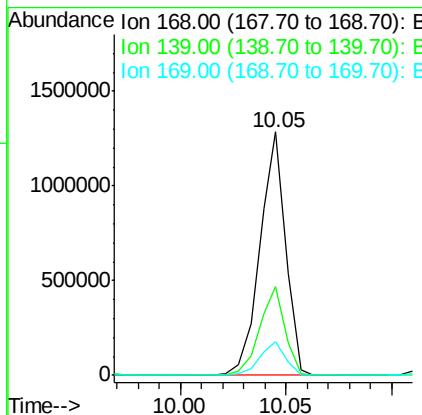
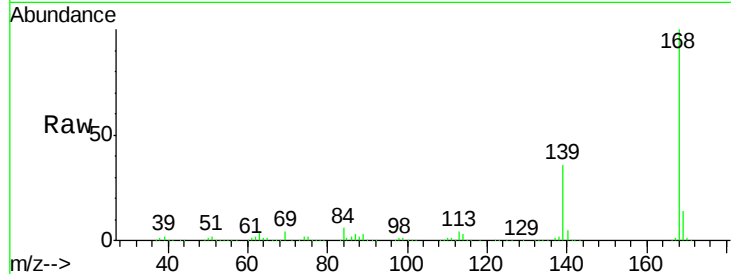
#55
Dibenzenofuran
Concen: 43.342 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:168 Resp: 1083331
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.8 11.0 16.6

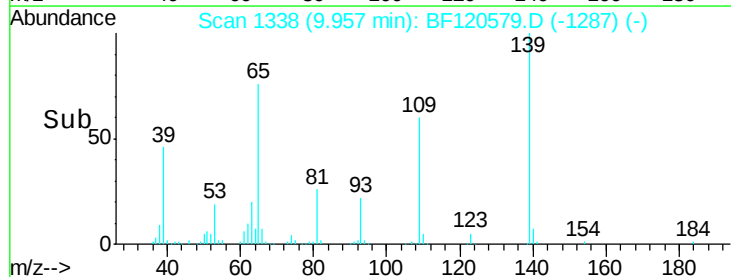
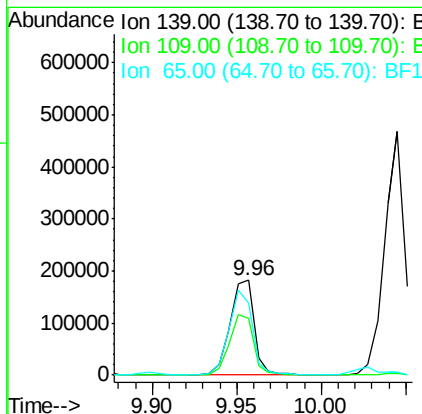
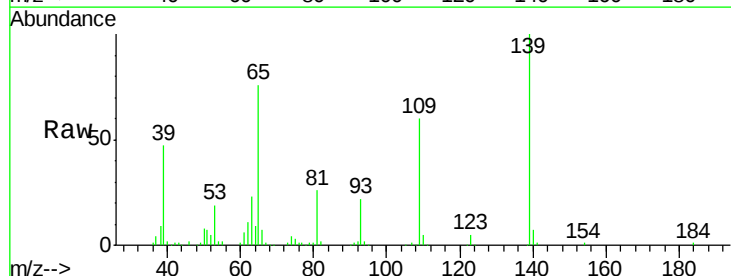
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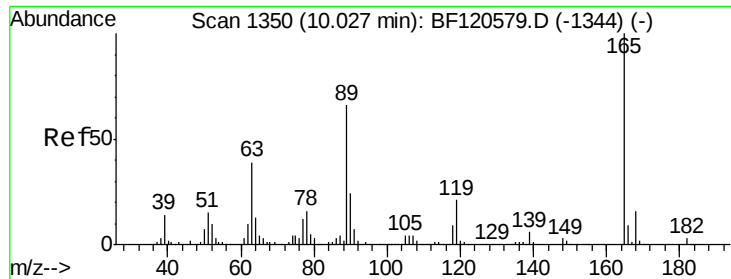
mohammad
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#56
4-Nitrophenol
Concen: 43.956 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion:139 Resp: 181008
Ion Ratio Lower Upper
139 100
109 59.8 39.8 79.8
65 76.2 56.2 96.2





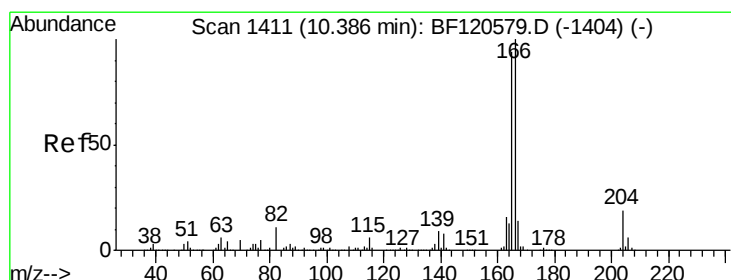
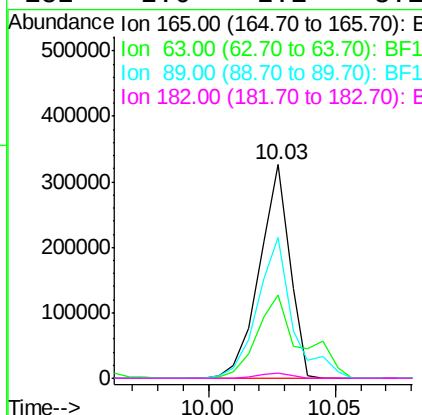
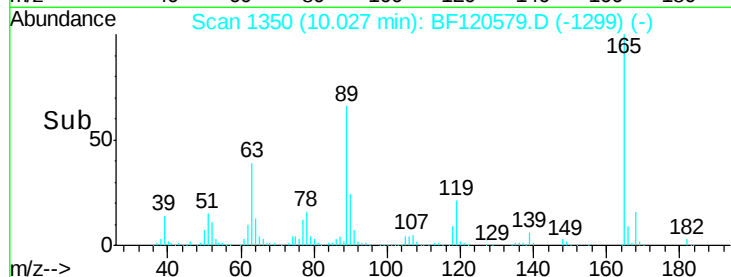
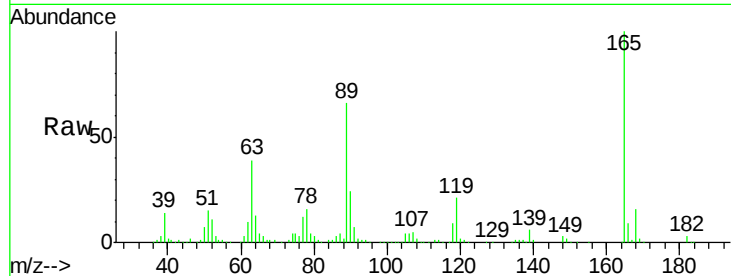
#57
2,4-Dinitrotoluene
Concen: 46.725 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	273909		
63	38.9	31.1	46.7	
89	65.8	52.6	79.0	
182	2.6	2.1	3.1	

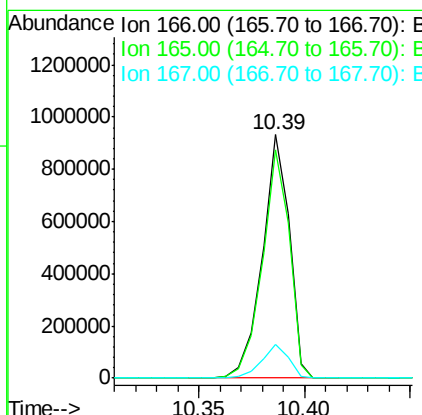
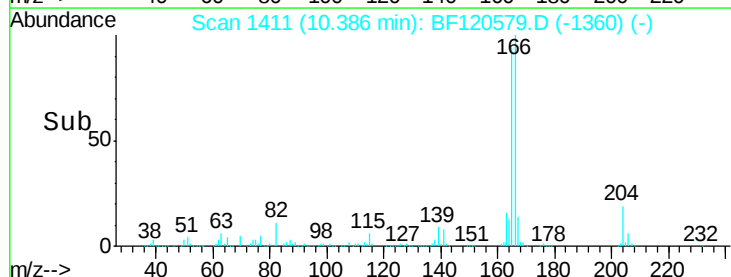
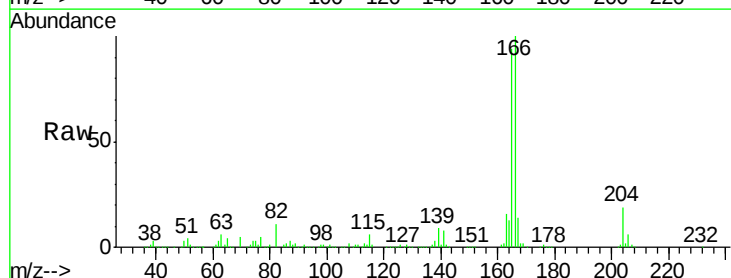
Manual Integrations
APPROVED

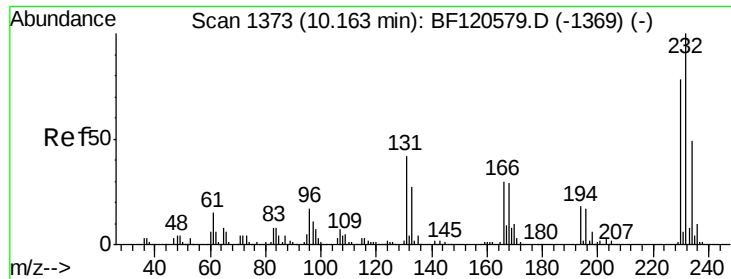
mohammad
6/10/2020 11:50:55 AM



#58
Fluorene
Concen: 44.212 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	829283		
165	93.5	74.8	112.2	
167	14.0	11.2	16.8	





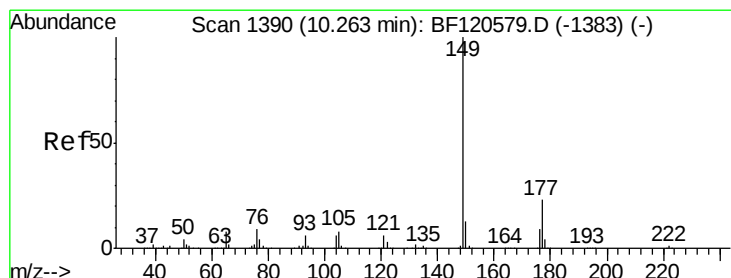
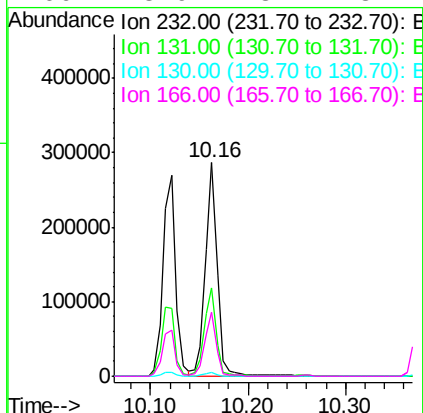
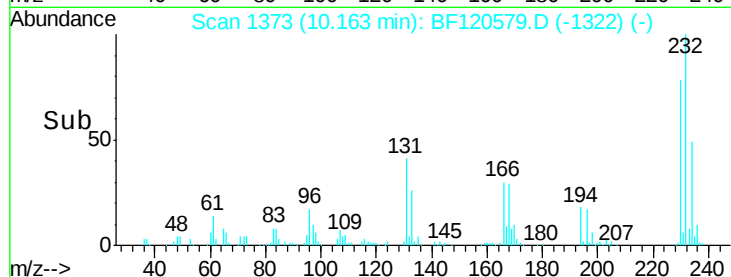
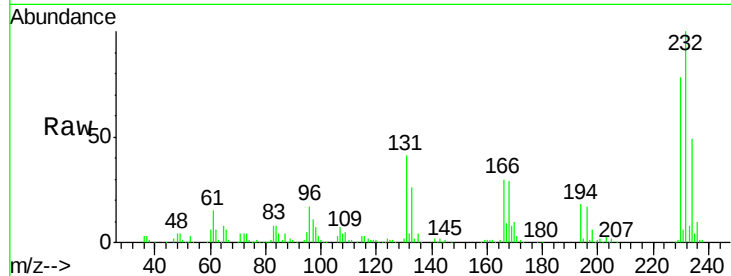
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.929 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242666		
131	41.4		33.1	49.7
130	2.0		1.6	2.4
166	28.9		23.1	34.7

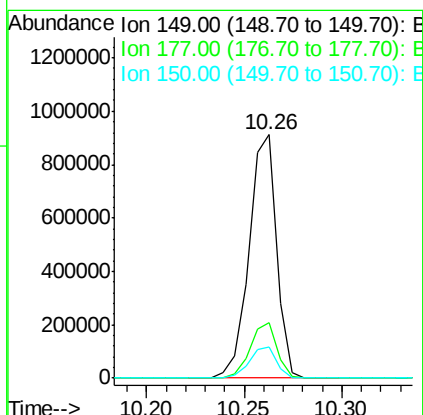
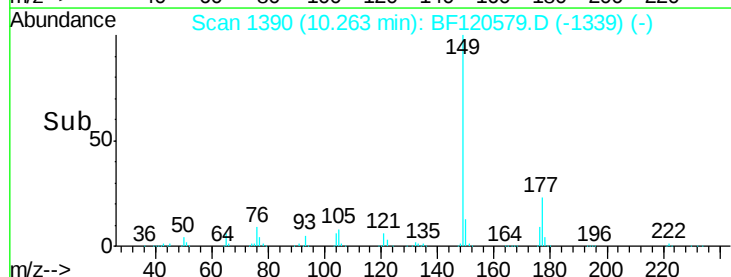
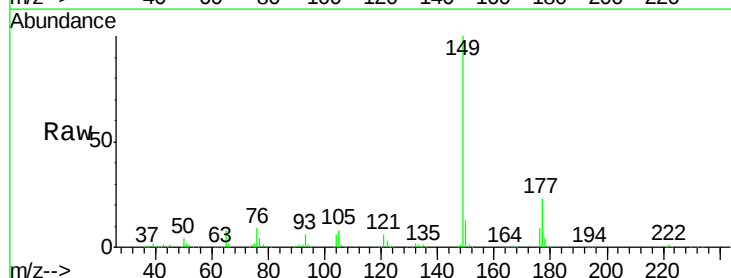
Manual Integrations
 APPROVED

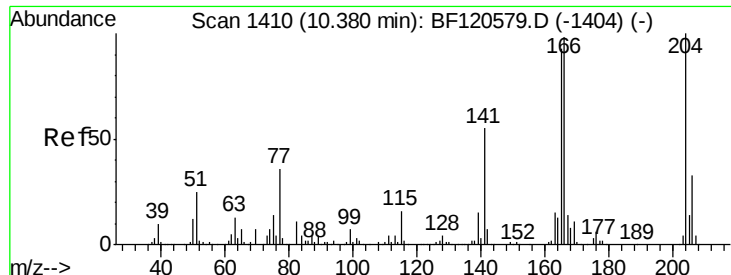
mohammad
 6/10/2020 11:50:55 AM



#60
 Diethylphthalate
 Concen: 42.674 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	888817		
177	22.7		18.2	27.2
150	12.6		10.1	15.1





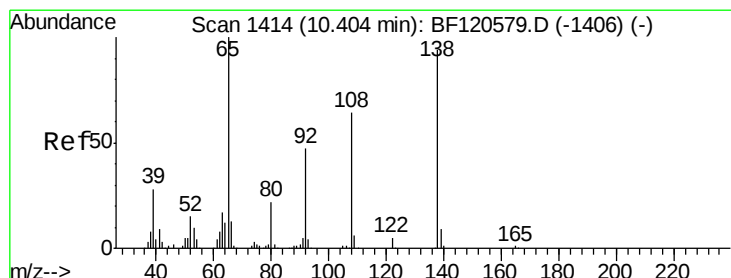
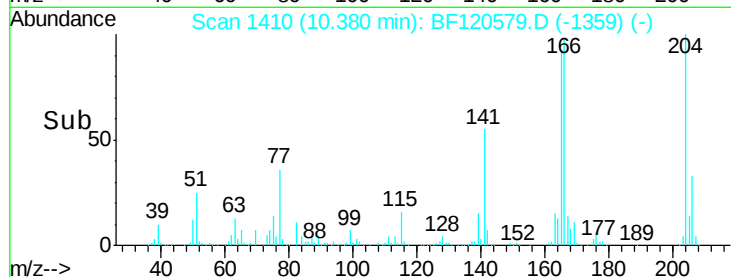
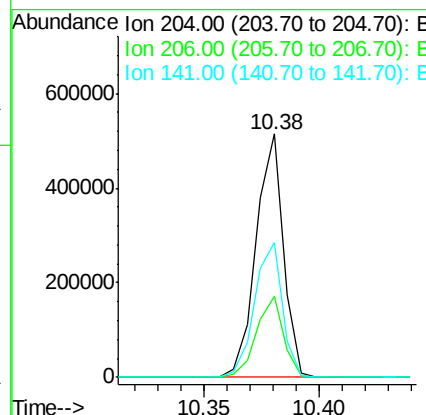
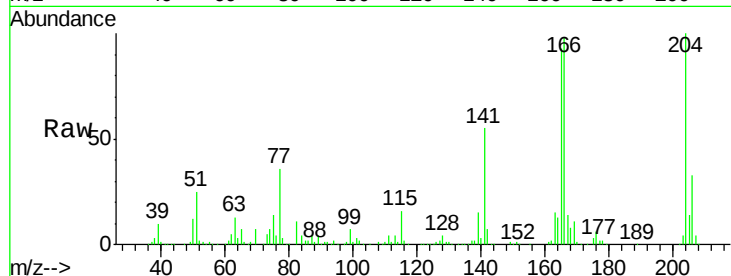
#61
 4-Chlorophenyl-phenylether
 Concen: 41.945 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	55.2	44.2	66.2

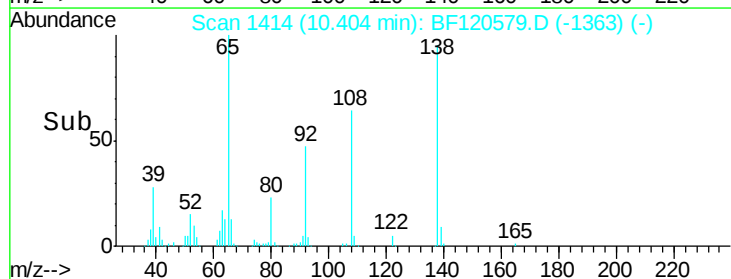
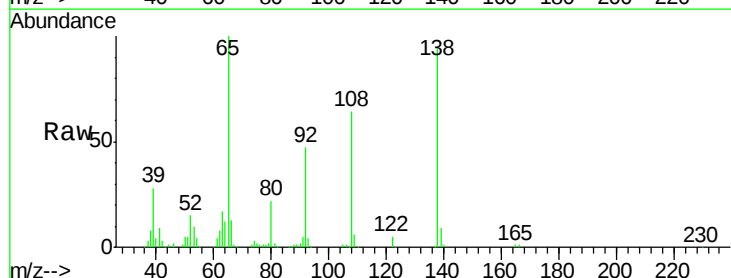
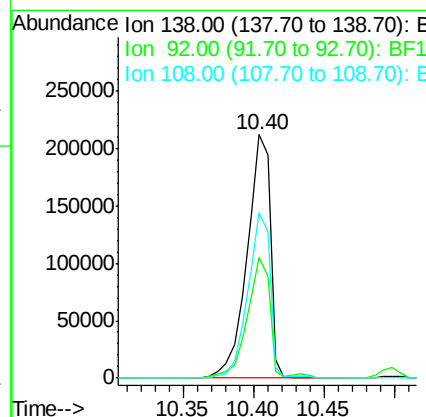
Manual Integrations
 APPROVED

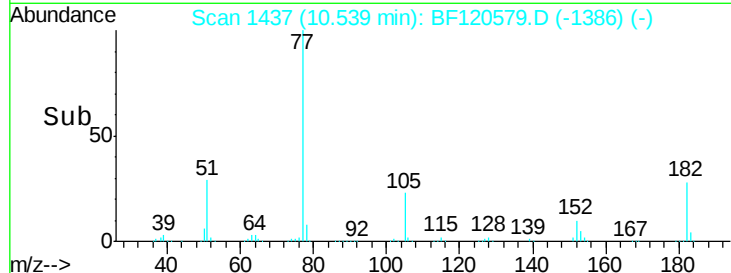
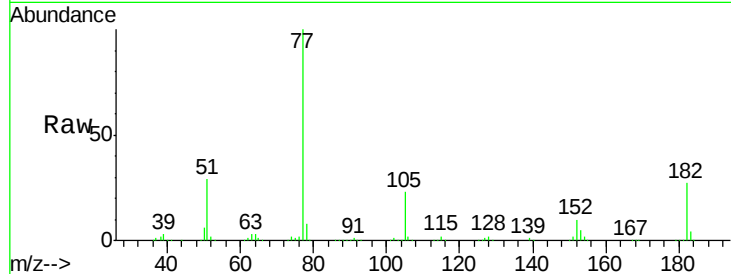
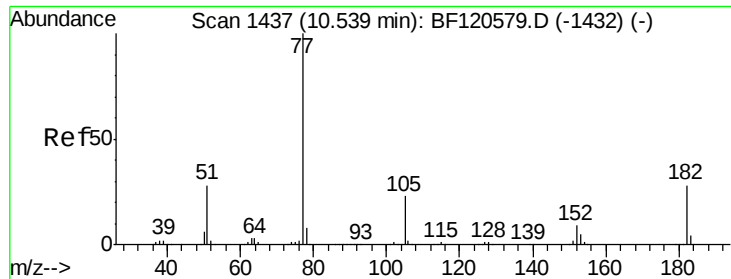
mohammad
 6/10/2020 11:50:55 AM



#62
 4-Nitroaniline
 Concen: 47.937 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.6	69.6
108	67.9	47.9	87.9





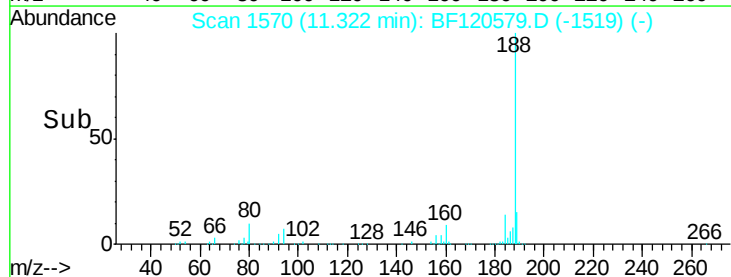
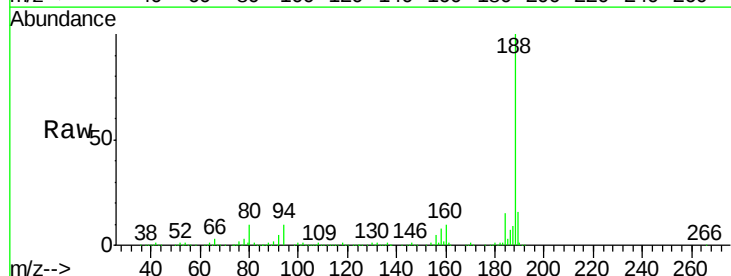
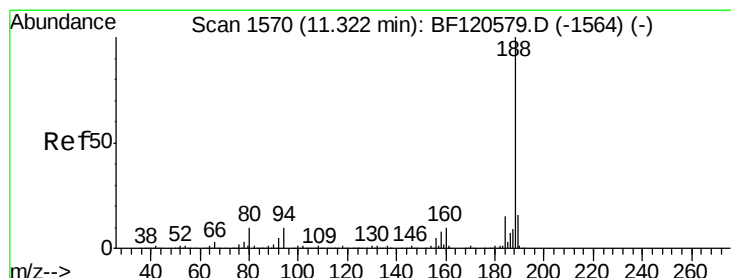
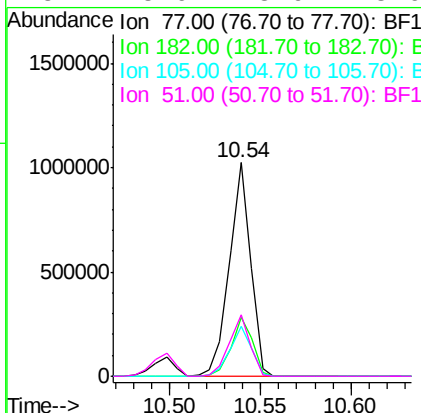
#63
Azobenzene
Concen: 42.905 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	7.5	47.5	
105	23.3	3.3	43.3	
51	28.6	8.6	48.6	

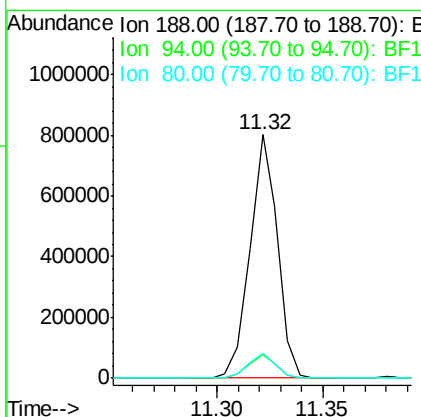
Manual Integrations
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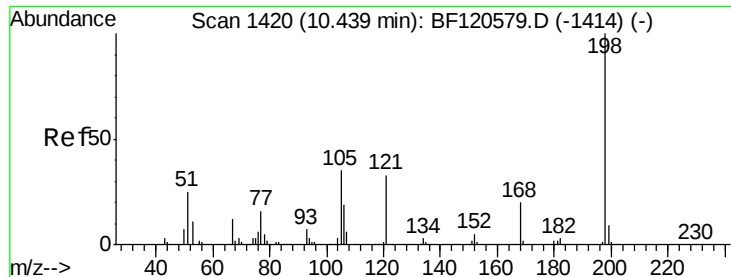
mohammad
6/10/2020 11:50:55 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.7	11.5	
80	10.1	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 59.474 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

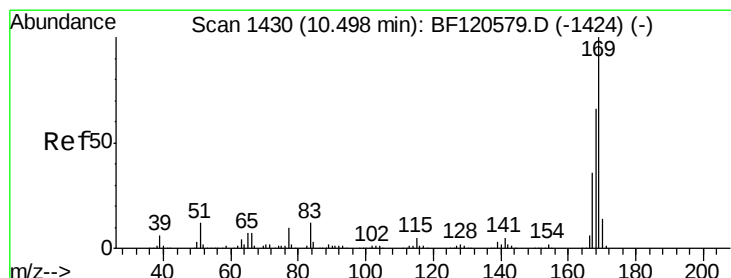
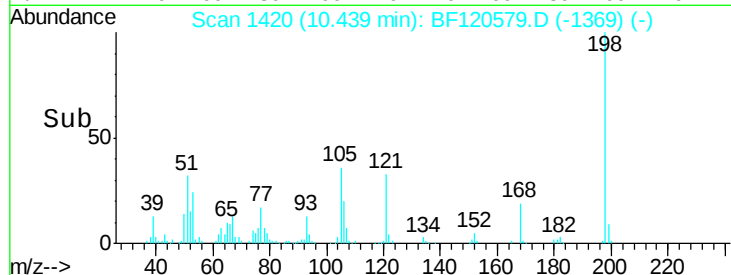
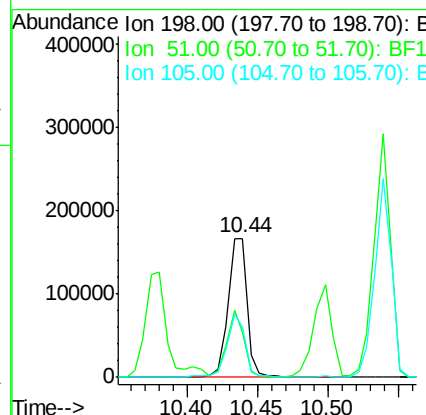
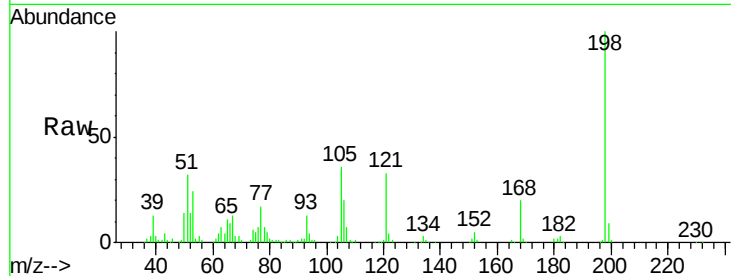
ClientSampleId :

SSTDICCC040

Tot Ion:	198	Resp:	156961
Ion Ratio	Lower	Upper	
198	100		
51	32.3	12.3	52.3
105	35.8	15.8	55.8

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.381 ng

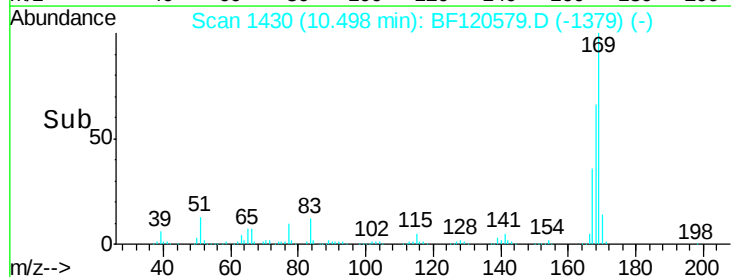
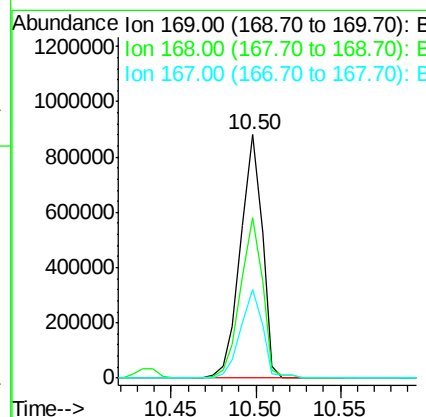
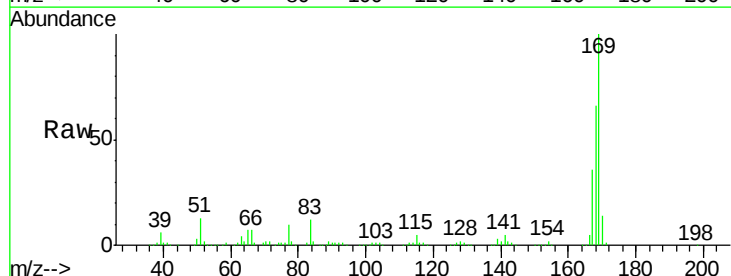
RT: 10.50 min Scan# 1430

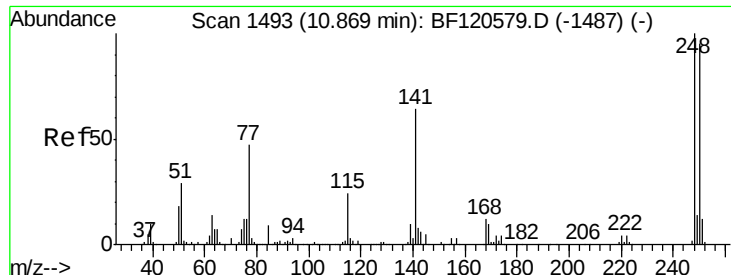
Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Tgt Ion:	169	Resp:	791539
Ion Ratio	Lower	Upper	
169	100		
168	66.1	52.9	79.3
167	36.5	29.2	43.8





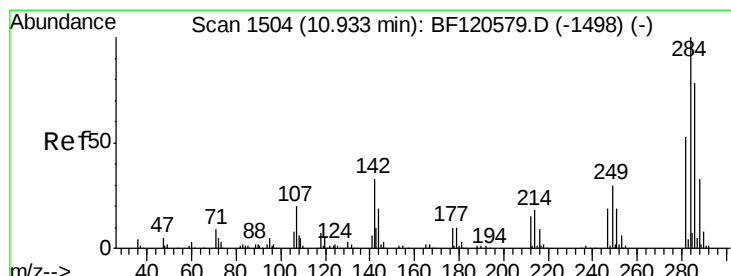
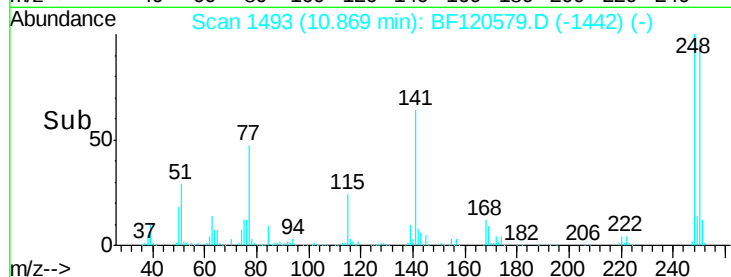
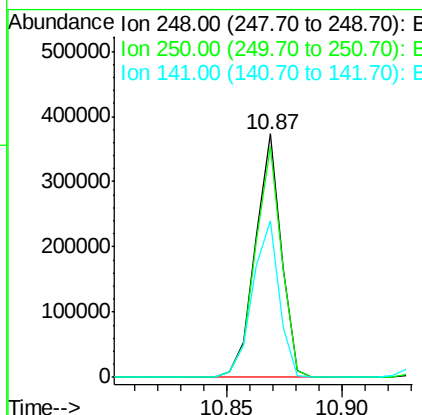
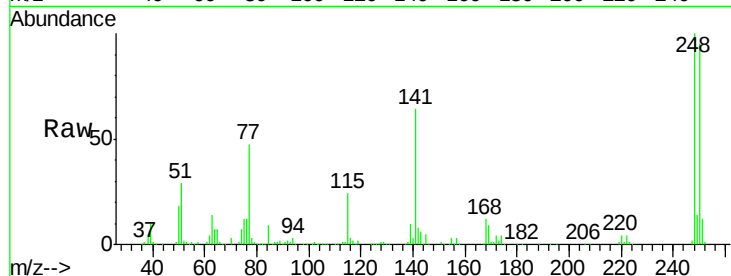
#67
 4-Bromophenyl-phenylether
 Concen: 40.103 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion:	248	Resp:	292904
Ion Ratio	Lower	Upper	
248	100		
250	94.8	75.8	113.8
141	64.1	51.3	76.9

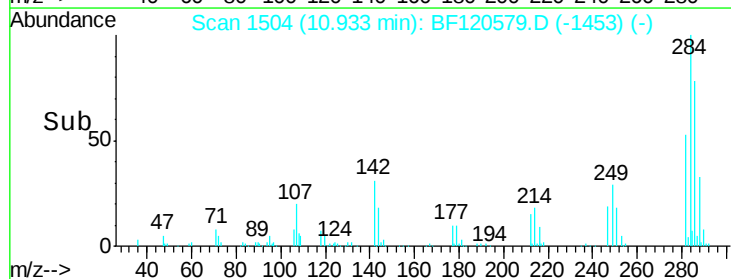
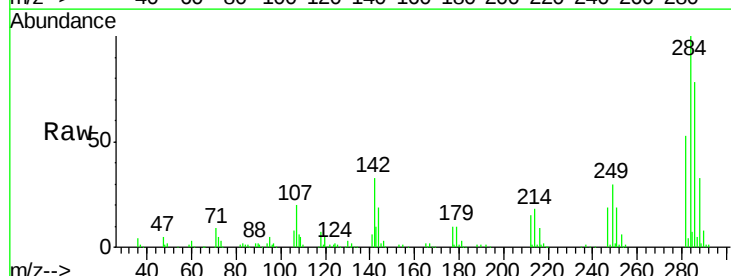
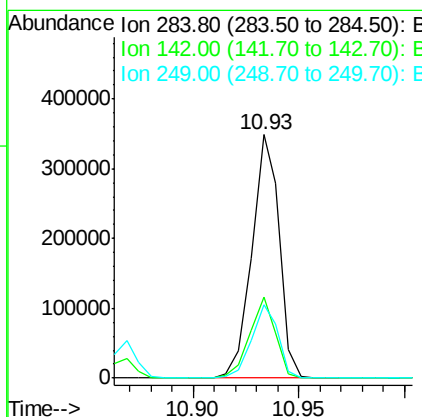
Manual Integrations
 APPROVED

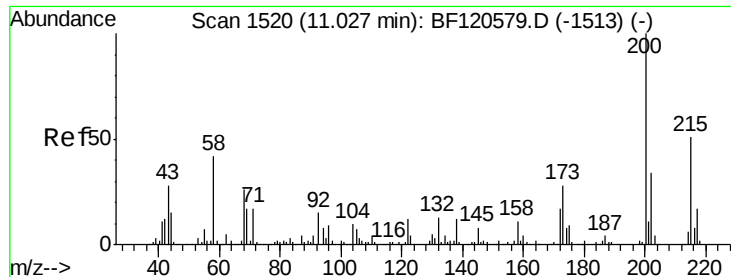
mohammad
 6/10/2020 11:50:55 AM



#68
 Hexachlorobenzene
 Concen: 40.316 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion:	284	Resp:	313589
Ion Ratio	Lower	Upper	
284	100		
142	33.1	26.5	39.7
249	30.1	24.1	36.1





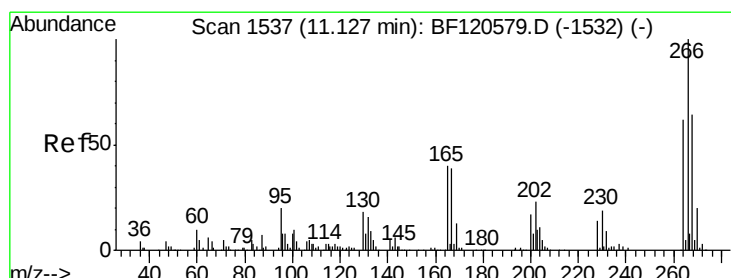
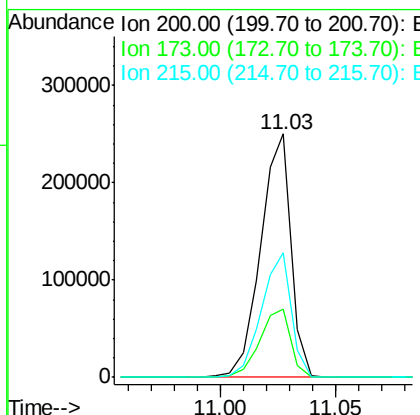
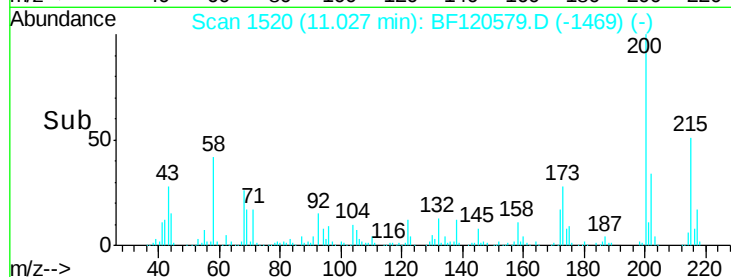
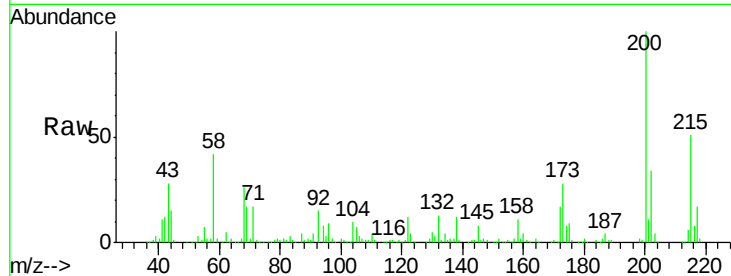
#69
Atrazine
Concen: 40.374 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	51.2	31.2	71.2

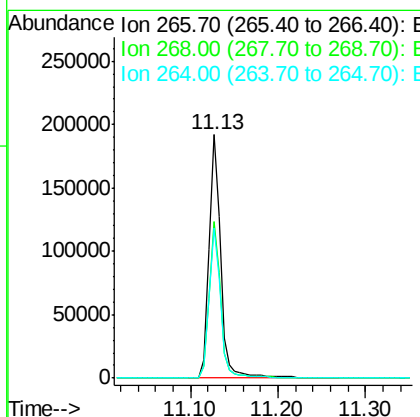
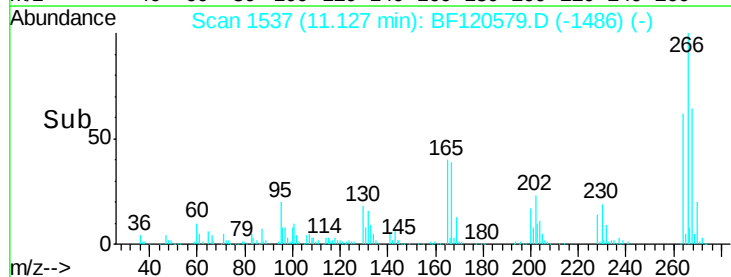
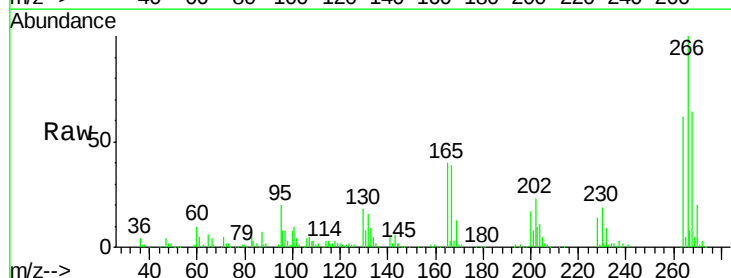
Manual Integrations
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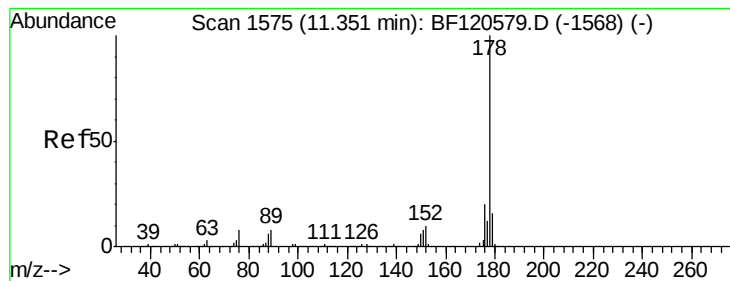
mohammad
6/10/2020 11:50:55 AM



#70
Pentachlorophenol
Concen: 37.783 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	61.8	49.4	74.2





#71

Phenanthrene

Concen: 42.528 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1355889

Ion Ratio Lower Upper

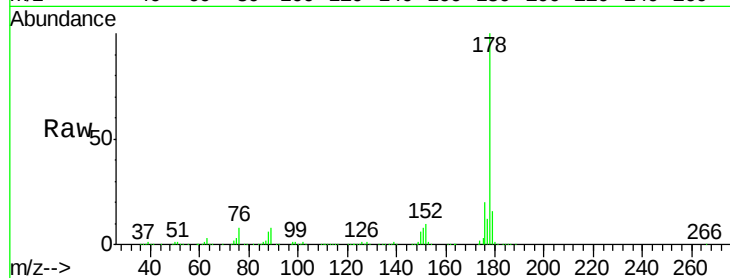
178 100

176 20.3 16.2 24.4

179 15.7 12.6 18.8

Manual Integrations
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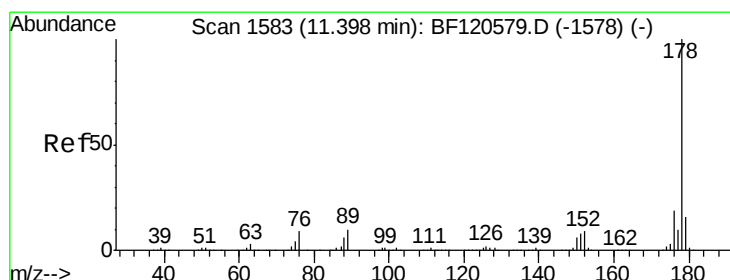
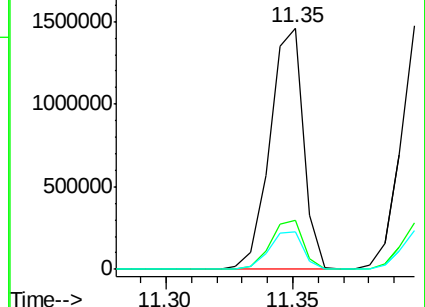
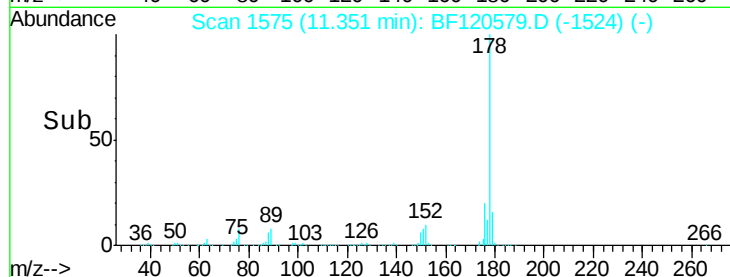
mohammad
6/10/2020 11:50:55 AM



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.270 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

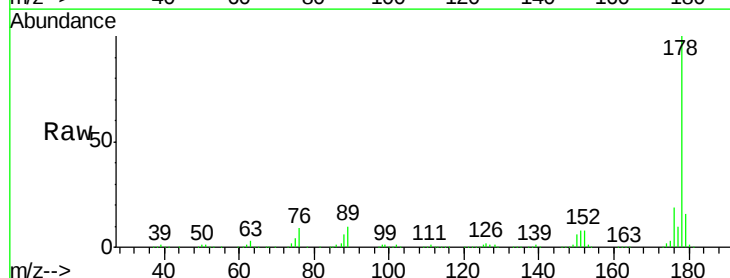
Tgt Ion:178 Resp: 1384162

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

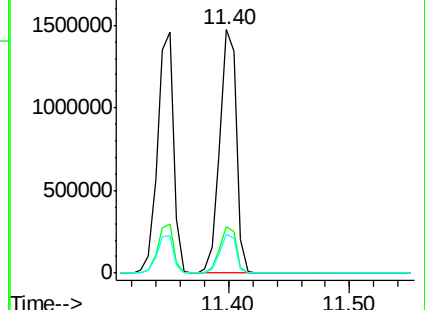
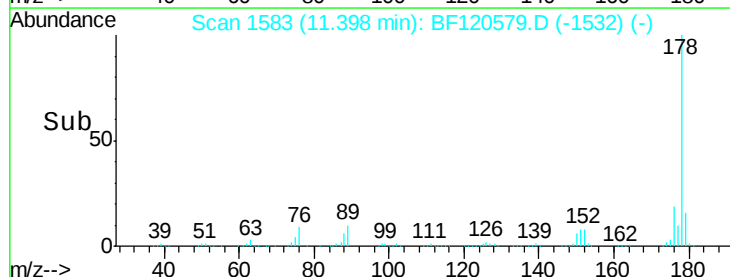
179 15.9 12.7 19.1

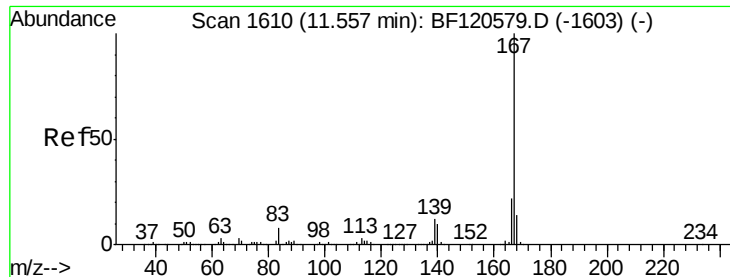


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





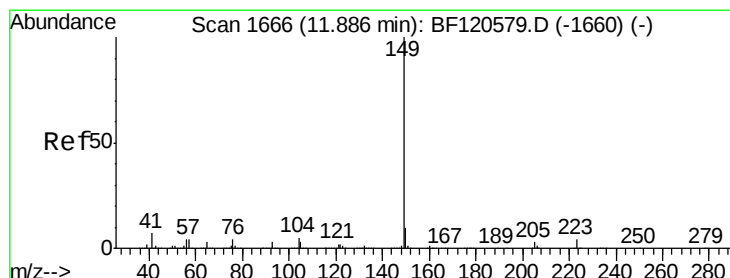
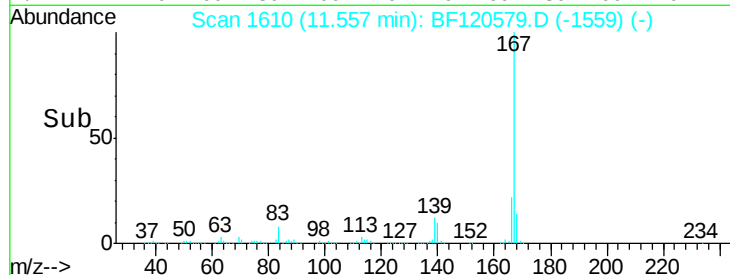
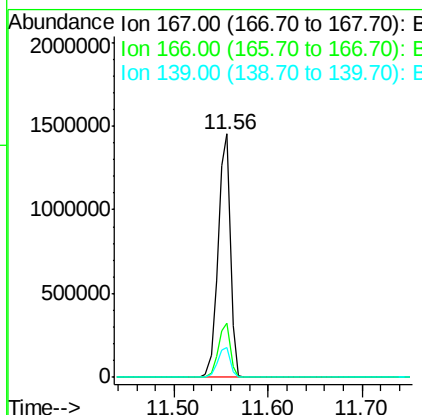
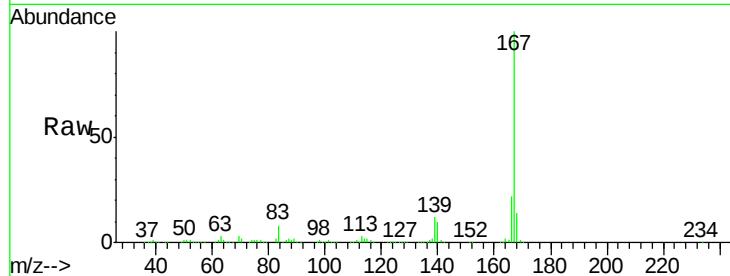
#73
 Carbazole
 Concen: 42.930 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	12.5	10.0	15.0

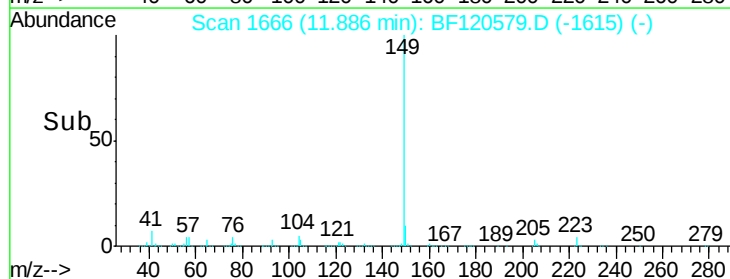
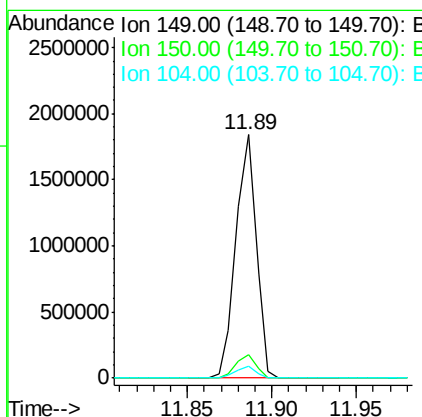
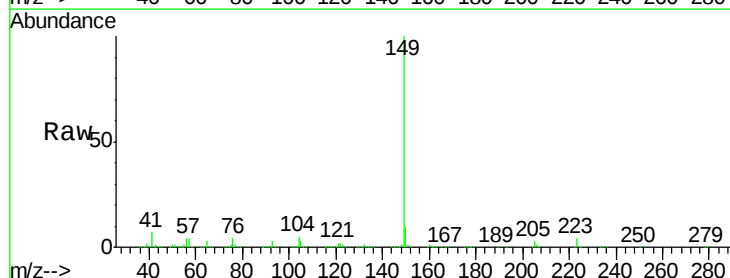
Manual Integrations
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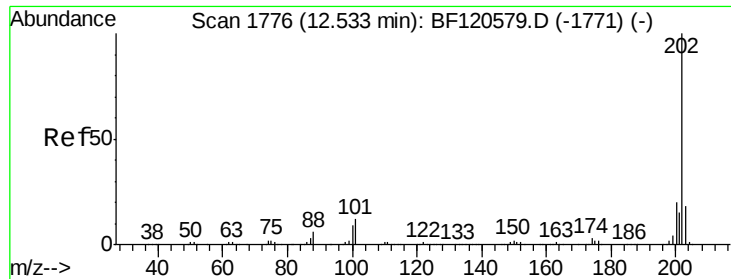
mohammad
 6/10/2020 11:50:55 AM



#74
 Di-n-butylphthalate
 Concen: 43.076 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.7	3.8	5.6





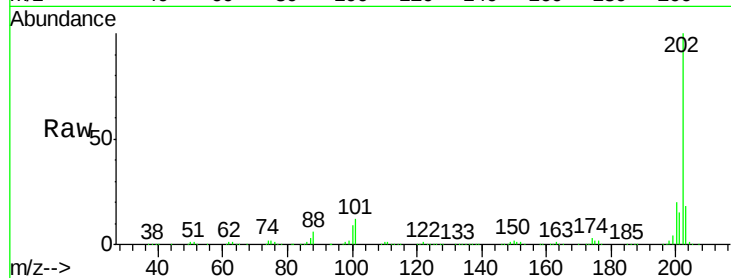
#75
 Fluoranthene
 Concen: 40.776 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

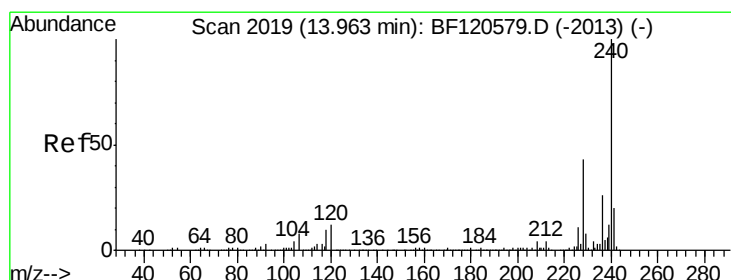
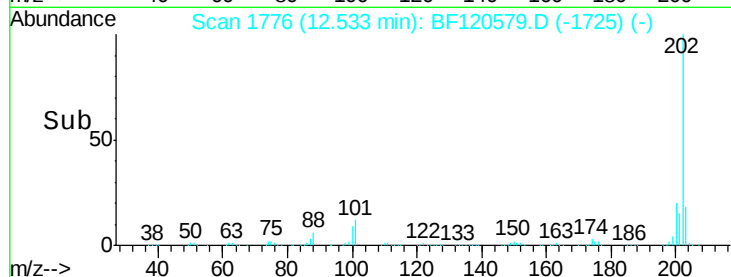
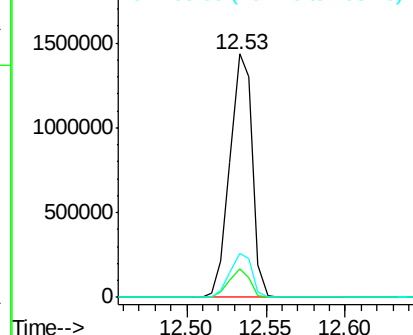
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	18.0	0.0	38.0

Manual Integrations
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 6/10/2020 11:50:55 AM

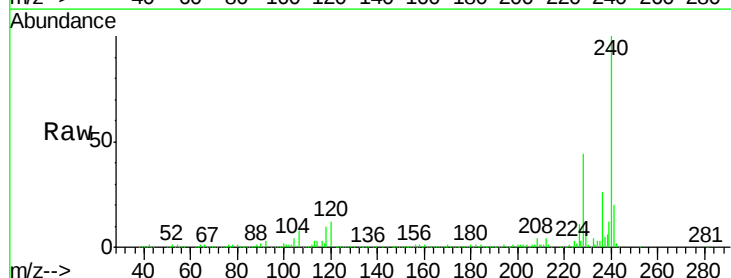


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

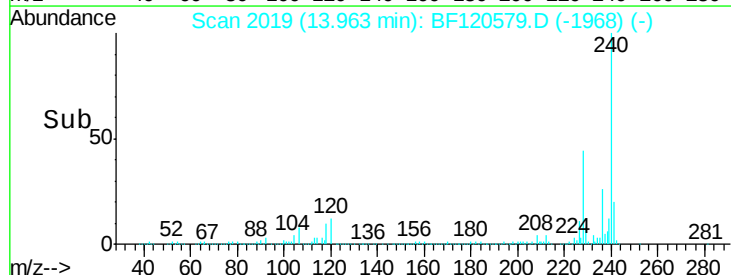
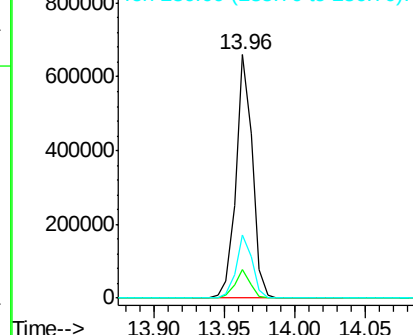


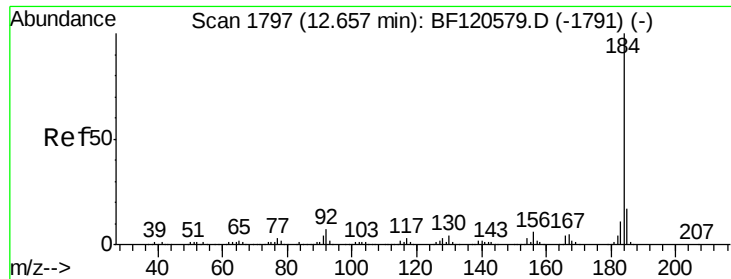
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.3	13.9
236	26.0	20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





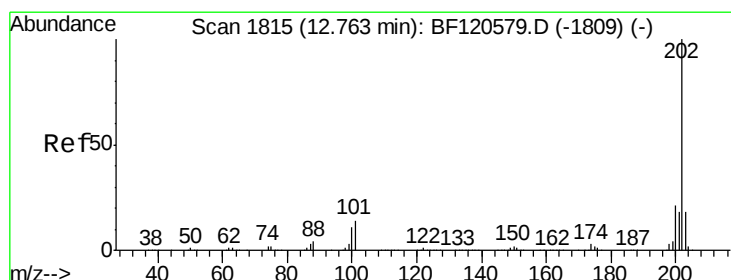
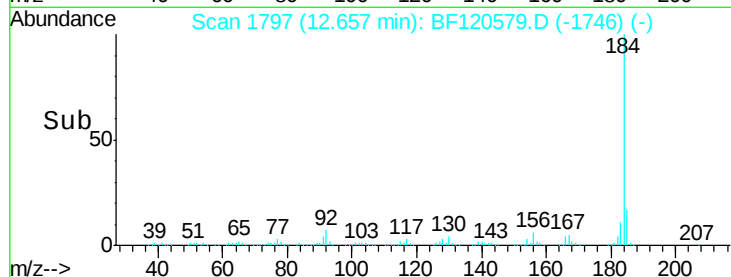
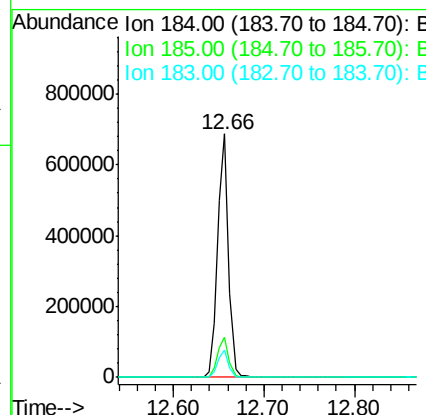
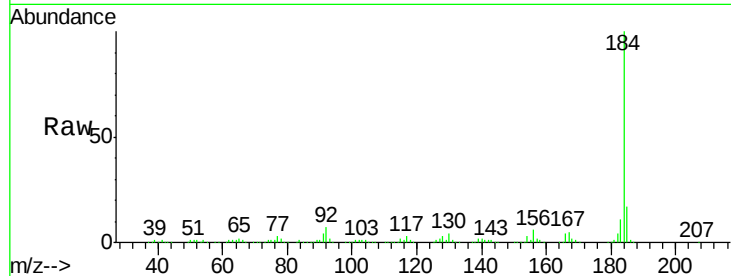
#77
Benzidine
Concen: 41.604 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.2	19.8
183	11.3	9.0	13.6

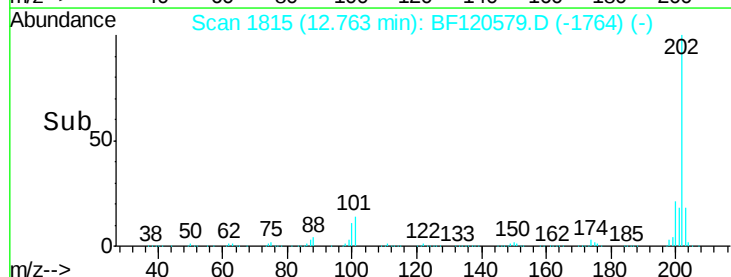
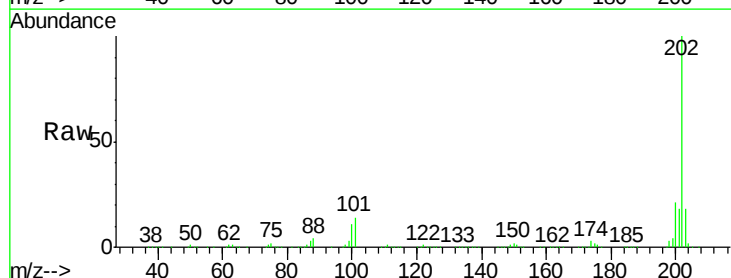
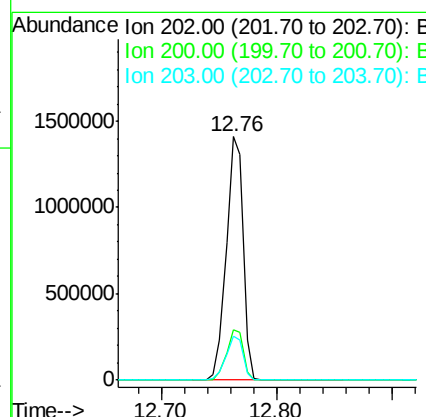
Manual Integrations
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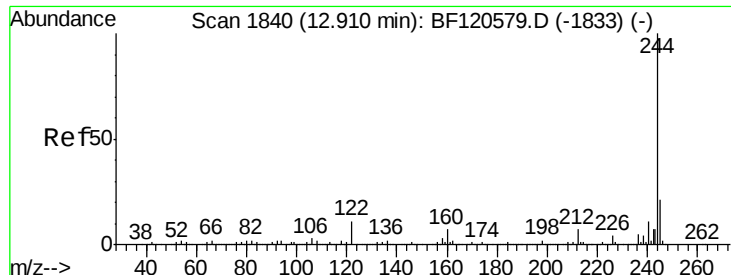
mohammad
6/10/2020 11:50:55 AM



#78
Pyrene
Concen: 38.654 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.3	14.6	22.0





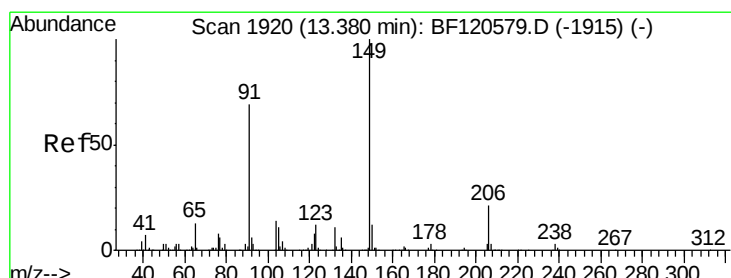
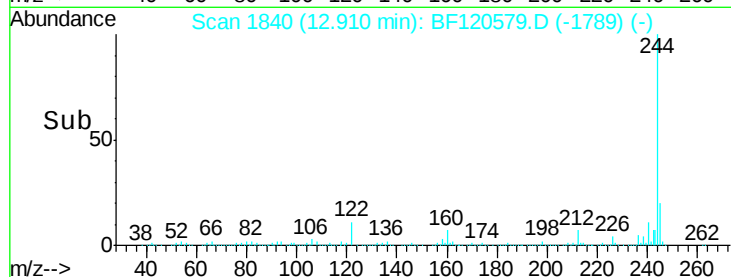
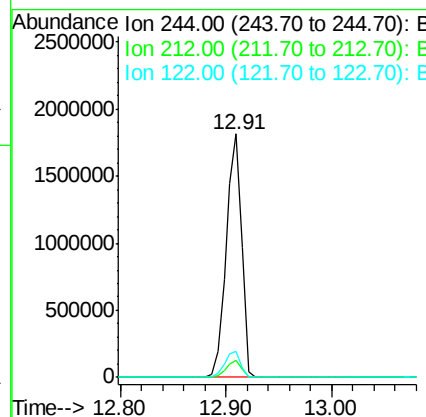
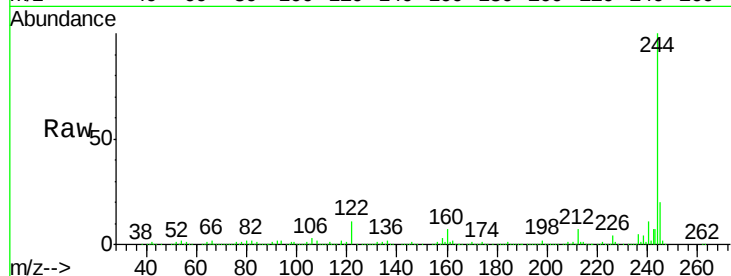
#79
 Terphenyl-d14
 Concen: 77.492 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.6	8.5	12.7

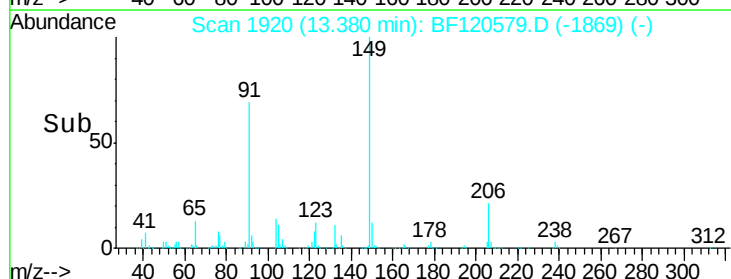
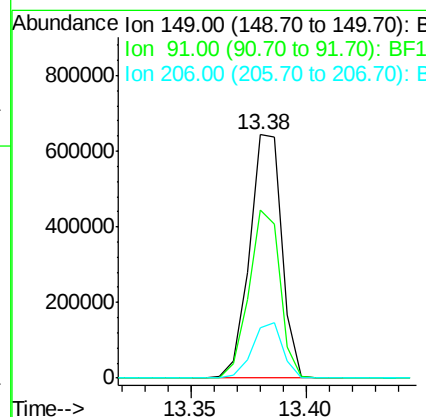
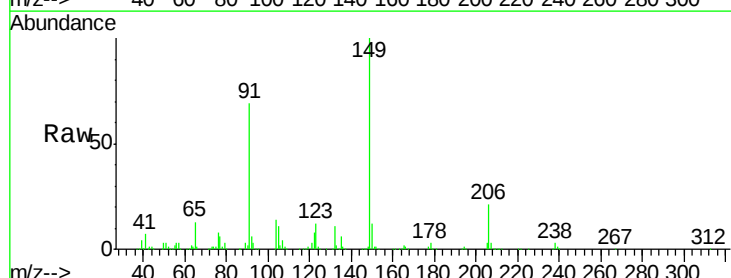
Manual Integrations
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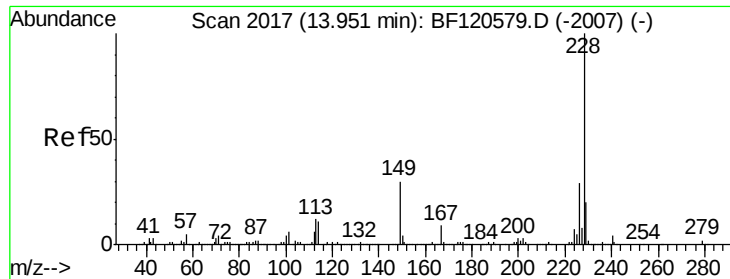
mohammad
 6/10/2020 11:50:55 AM



#80
 Butylbenzylphthalate
 Concen: 40.963 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.4	83.2
206	20.6	16.5	24.7





#81

Benzo(a)anthracene

Concen: 42.907 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1217976

Ion Ratio Lower Upper

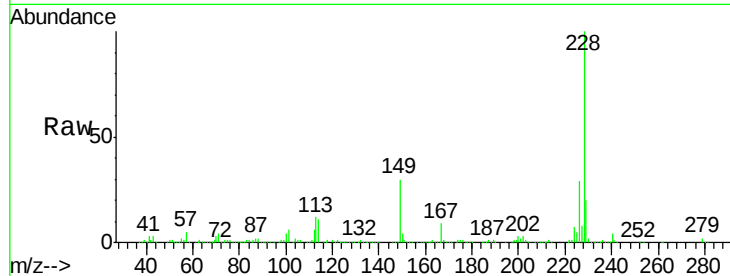
228 100

226 28.7 23.0 34.4

229 20.3 16.2 24.4

Manual Integrations
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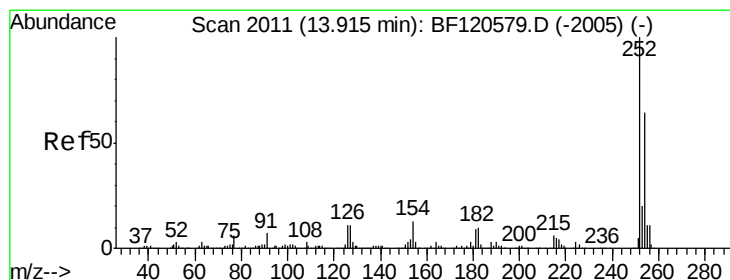
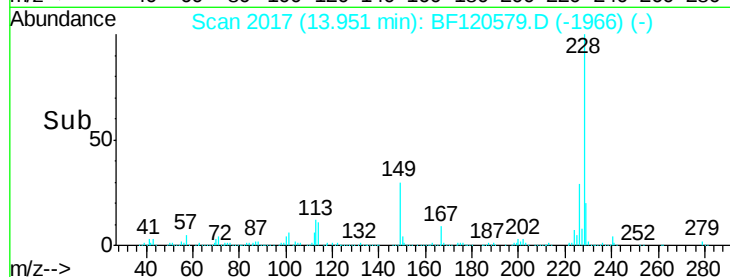
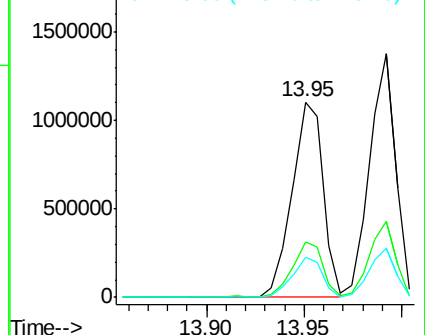
mohammad
6/10/2020 11:50:55 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.427 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

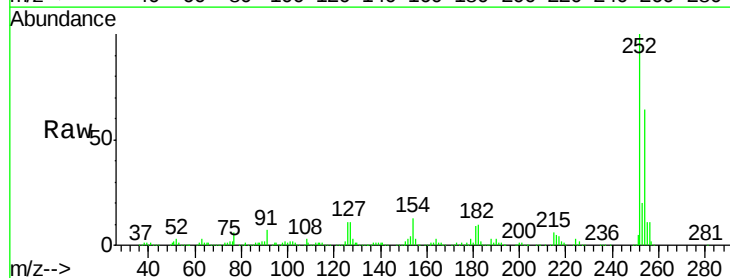
Tgt Ion:252 Resp: 457859

Ion Ratio Lower Upper

252 100

254 63.9 51.1 76.7

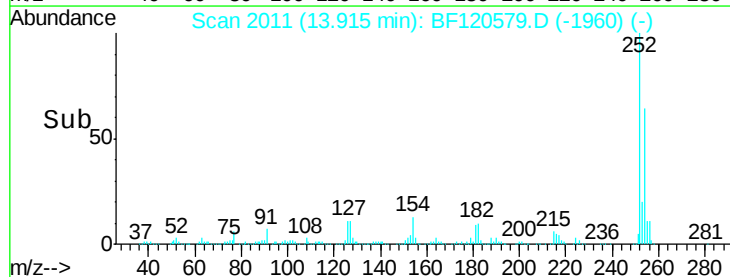
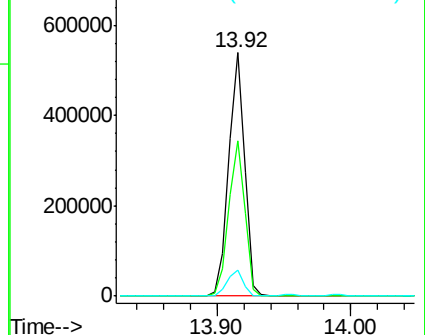
126 10.5 8.4 12.6

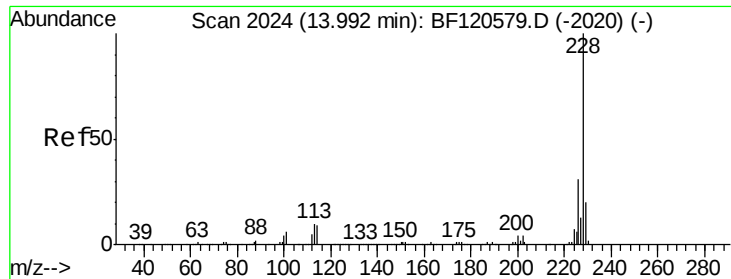


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





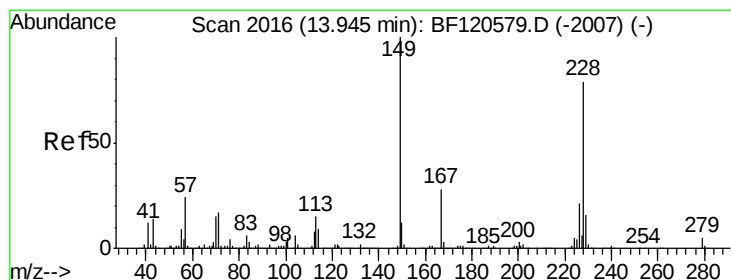
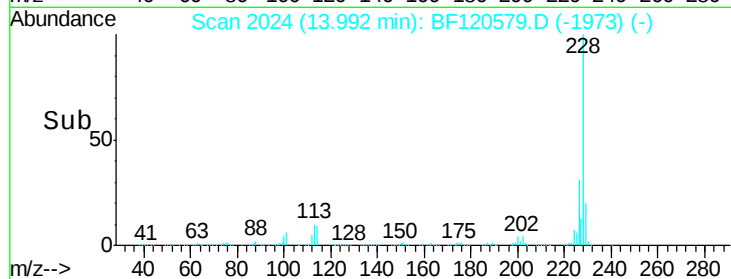
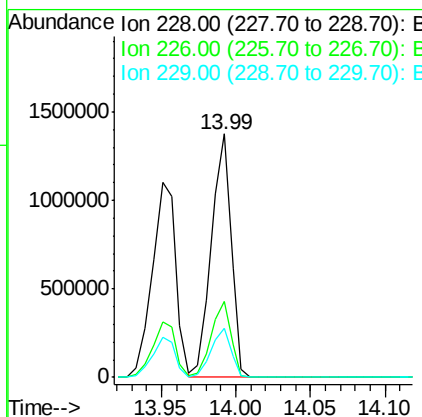
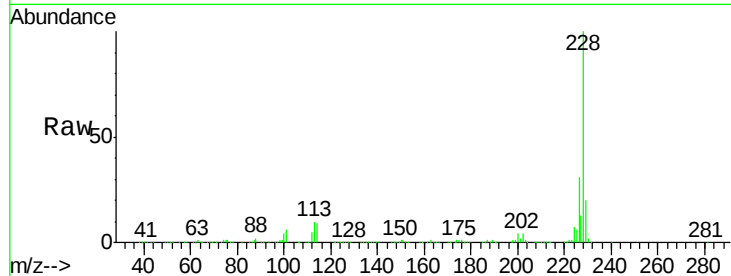
#83
Chrysene
Concen: 42.600 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.2	16.2	24.2

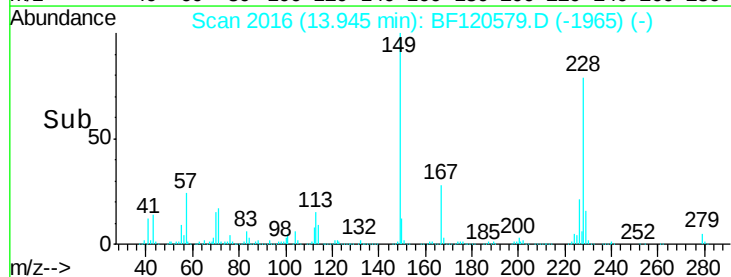
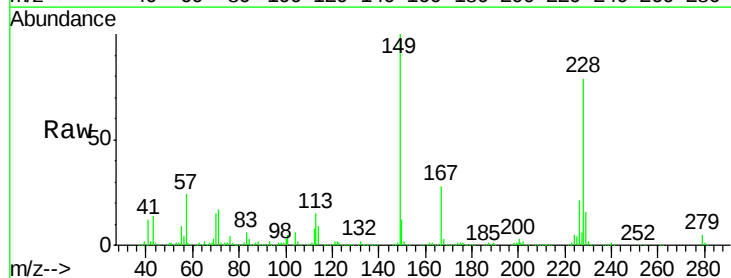
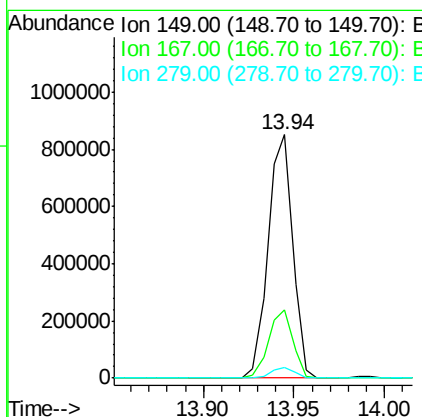
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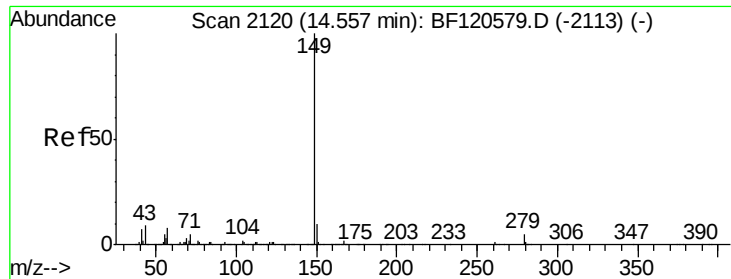
mohammad
6/10/2020 11:50:55 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.595 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.429 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1481405

Ion Ratio Lower Upper

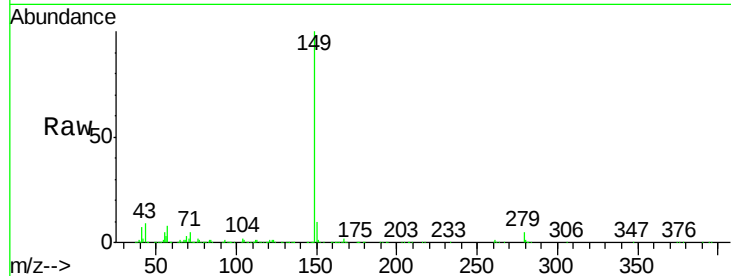
149 100

167 1.6 1.3 1.9

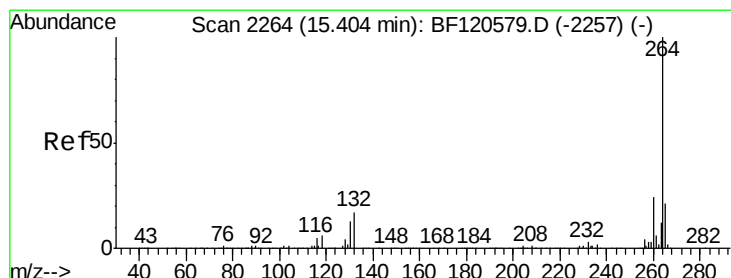
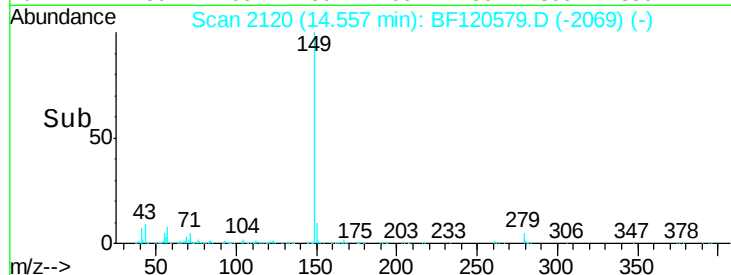
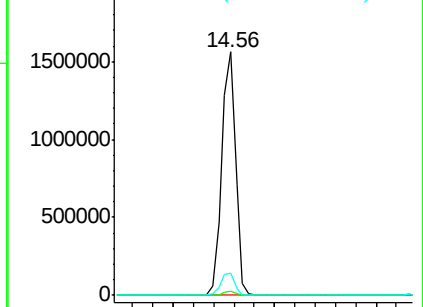
43 9.5 7.6 11.4

Manual Integrations
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mohammad
6/10/2020 11:50:55 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF120579.D

Acq: 9 Jun 2020 14:05

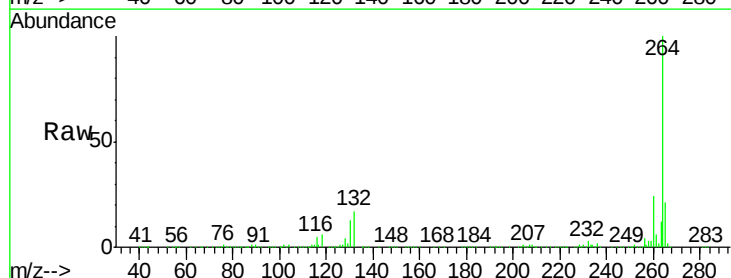
Tgt Ion:264 Resp: 602988

Ion Ratio Lower Upper

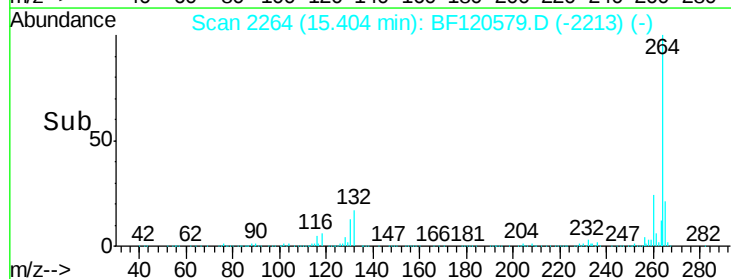
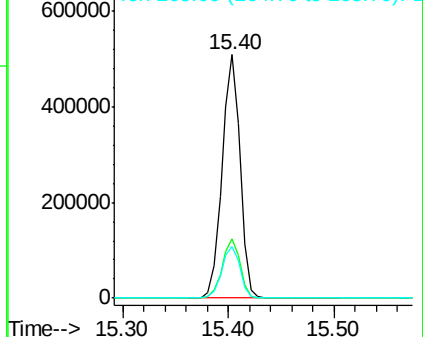
264 100

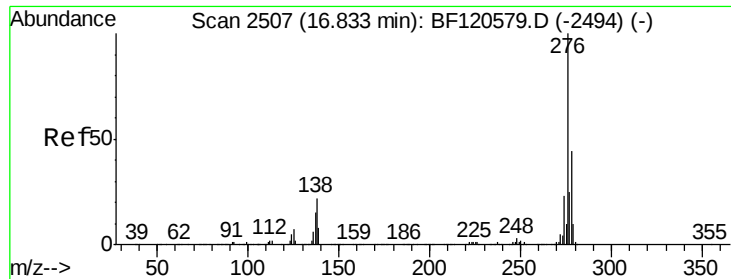
260 24.1 19.3 28.9

265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





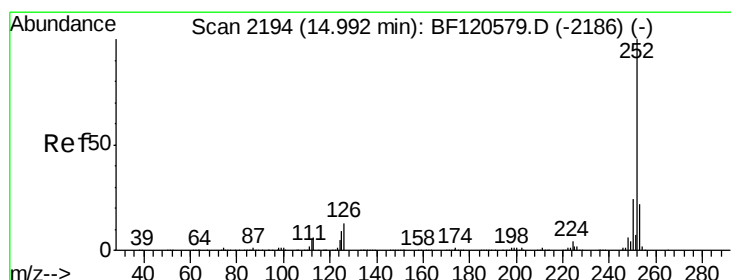
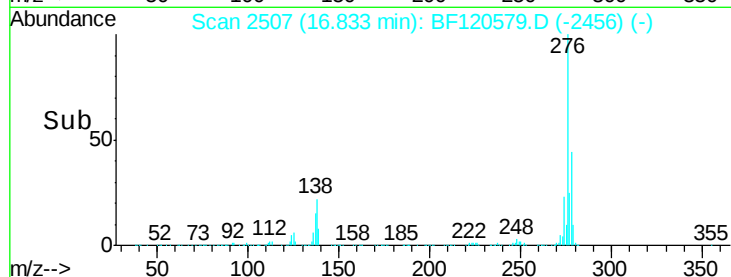
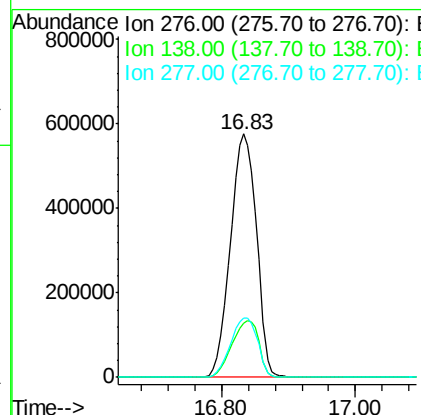
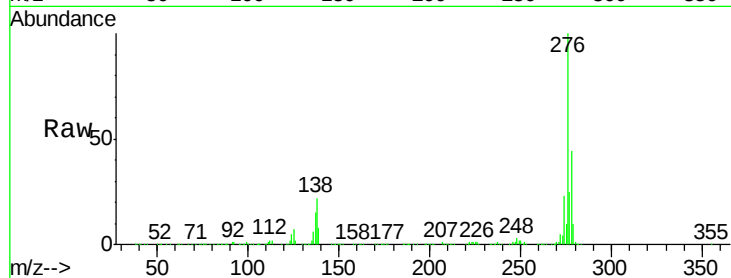
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.116 ng
 RT: 16.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.0
277	25.4	20.3	30.5

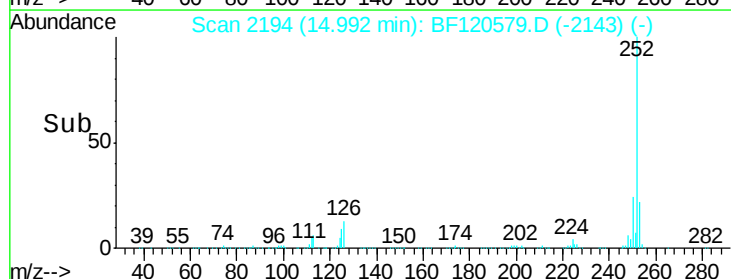
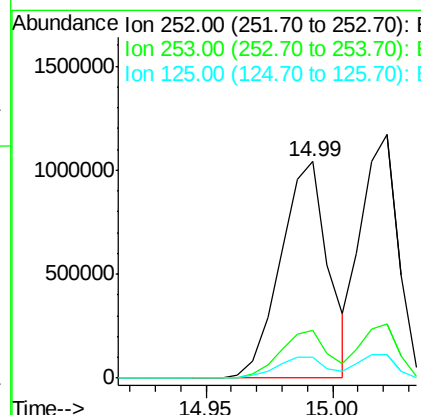
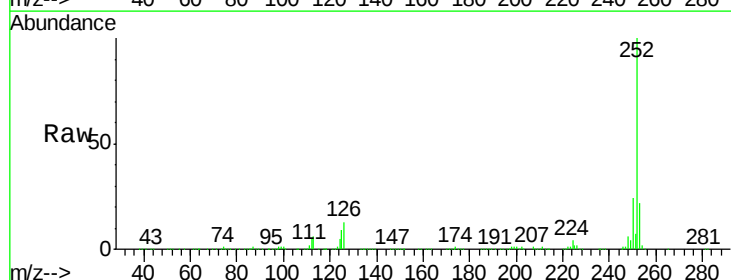
Manual Integrations
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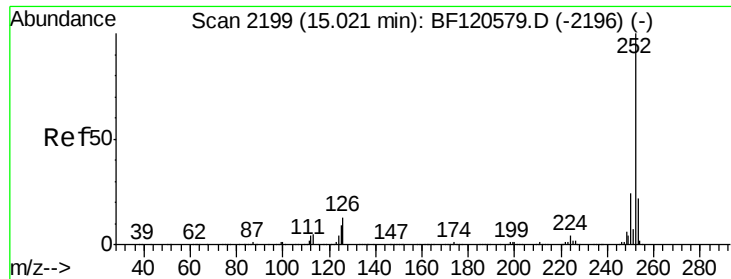
mohammad
 6/10/2020 11:50:55 AM



#88
 Benzo(b)fluoranthene
 Concen: 40.539 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF120579.D
 Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.5	7.6	11.4





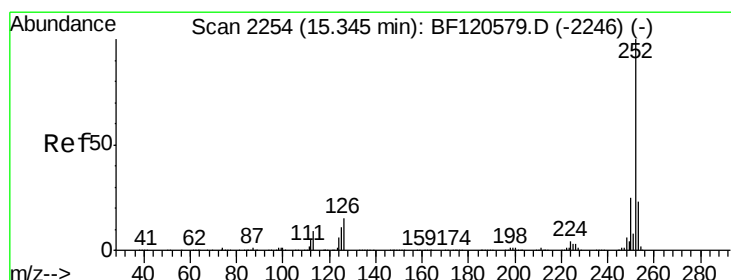
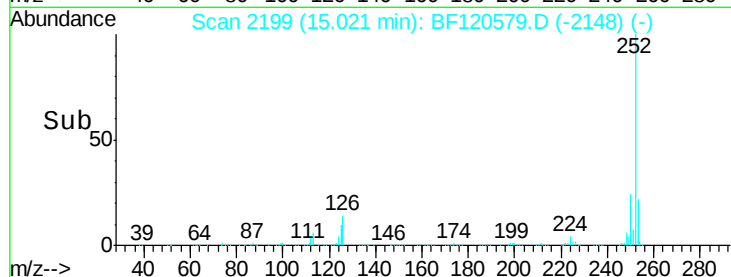
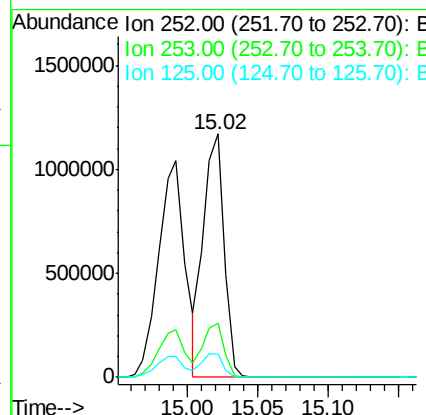
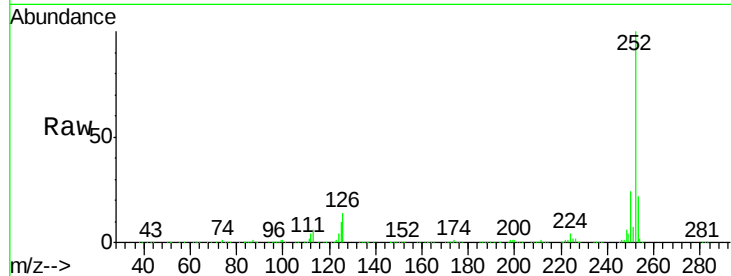
#89
Benzo(k)fluoranthene
Concen: 38.219 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1194973
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.5 7.6 11.4

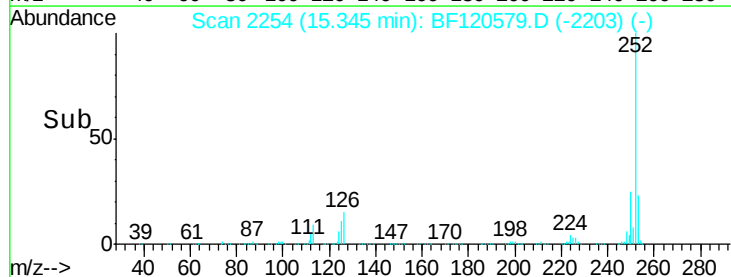
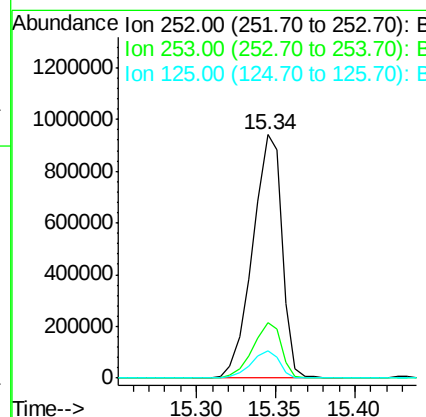
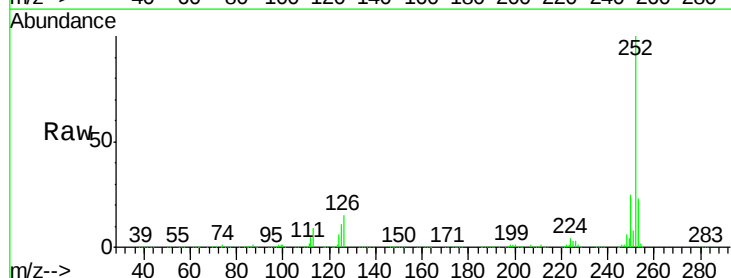
Manual Integrations
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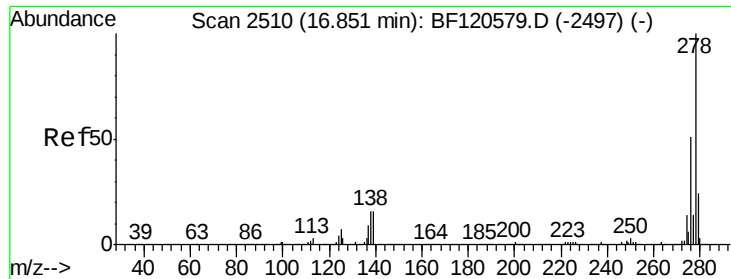
mohammad
6/10/2020 11:50:55 AM



#90
Benzo(a)pyrene
Concen: 41.530 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion:252 Resp: 1216632
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.3 9.0 13.6





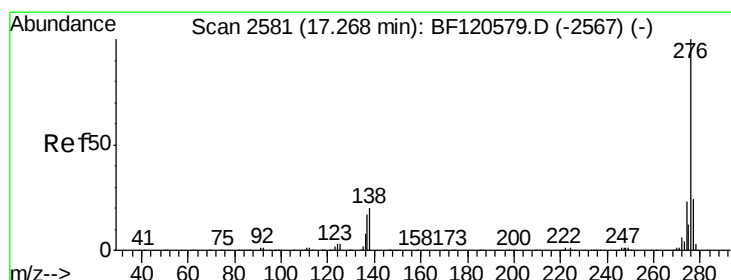
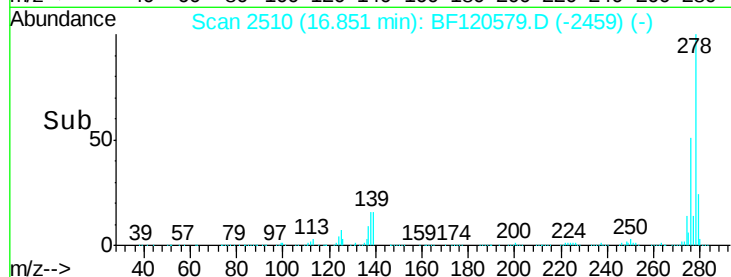
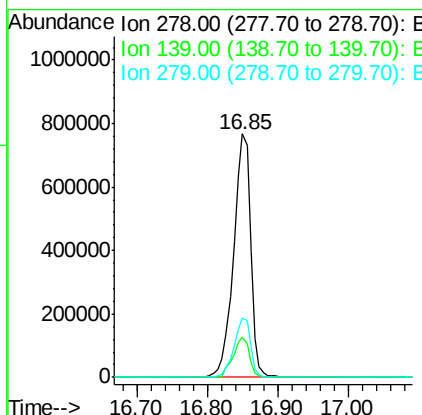
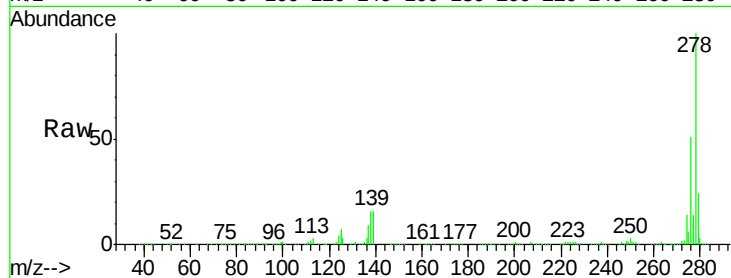
#91
Dibenzo(a,h)anthracene
Concen: 47.954 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	24.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:55 AM



#92
Benzo(g,h,i)perylene
Concen: 42.665 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF120579.D
Acq: 9 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	20.4	16.3	24.5

