

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120582.D
 Acq On : 9 Jun 2020 16:27
 Operator : JU/CG
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:51:00 AM

Quant Time: Jun 09 18:11:45 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	170620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590902	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	331009	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	675244	20.00	ng	0.00
76) Chrysene-d12	13.97	240	519768	20.00	ng	0.00
86) Perylene-d12	15.41	264	601338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1358644	151.75	ng	0.00
7) Phenol-d6	6.45	99	1632219	147.91	ng	0.01
23) Nitrobenzene-d5	7.38	82	1440008	159.41	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	487620	158.99	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.92	244	2886263	123.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	373387	84.193	ng	98
3) Pyridine	3.25	79	1044268	85.020	ng	99
4) n-Nitrosodimethylamine	3.22	42	448730	86.329	ng	96
6) Aniline	6.47	93	1049342	68.198	ng	# 41
8) 2-Chlorophenol	6.60	128	673548	66.720	ng	96
9) Benzaldehyde	6.35	77	374458	55.677	ng	99
10) Phenol	6.46	94	920726	76.298	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	669968	66.438	ng	99
12) 1,3-Dichlorobenzene	6.75	146	719021	64.831	ng	98
13) 1,4-Dichlorobenzene	6.82	146	768095	69.415	ng	98
14) 1,2-Dichlorobenzene	6.98	146	726013	71.035	ng	98
15) Benzyl Alcohol	6.96	79	538510	64.737	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	926260	58.264	ng	98
17) 2-Methylphenol	7.07	107	587490	65.081	ng	97
18) Hexachloroethane	7.32	117	280692	69.299	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	484182	69.024	ng	98
22) Acetophenone	7.23	105	861575	71.792	ng	100
24) Nitrobenzene	7.40	77	750460	77.121	ng	98
25) Isophorone	7.63	82	1268679	69.877	ng	99
26) 2-Nitrophenol	7.70	139	376285	85.766	ng	90
27) 2,4-Dimethylphenol	7.75	122	542067	71.145	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	776582	71.027	ng	99
29) 2,4-Dichlorophenol	7.95	162	558788	72.609	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	633355	73.336	ng	99
31) Naphthalene	8.11	128	2054090	79.152	ng	99
32) Benzoic acid	7.90	122	501042	88.617	ng	98
33) 4-Chloroaniline	8.16	127	885480	76.988	ng	99
34) Hexachlorobutadiene	8.23	225	380558	74.340	ng	99
35) Caprolactam	8.56	113	230378m	92.435	ng	
36) 4-Chloro-3-methylphenol	8.65	107	660627	84.611	ng	100
37) 2-Methylnaphthalene	8.80	142	1350793	78.583	ng	99
38) 1-Methylnaphthalene	8.90	142	1180904	72.782	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	578720	68.176	ng	99
41) Hexachlorocyclopentadiene	8.95	237	369648	78.026	ng	99

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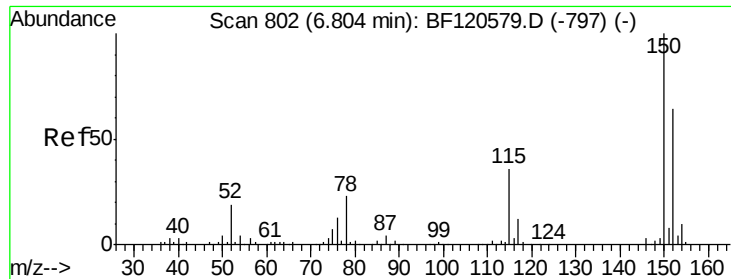
Manual Integrations
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mohammad
 6/10/2020 11:51:00 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	439914	71.657	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	490301	70.455	nq	96
46) 1,1'-Biphenyl	9.27	154	1641547	75.492	nq	99
47) 2-Chloronaphthalene	9.29	162	1388808	77.563	nq	98
48) 2-Nitroaniline	9.39	65	461776	84.672	nq	92
49) Acenaphthylene	9.71	152	1840644	66.523	nq	99
50) Dimethylphthalate	9.57	163	1645634	79.523	nq	100
51) 2,6-Dinitrotoluene	9.63	165	347441	75.550	nq	97
52) Acenaphthene	9.88	154	1144319m	66.265	nq	
53) 3-Nitroaniline	9.80	138	405358	75.062	nq	99
54) 2,4-Dinitrophenol	9.91	184	221572	142.130	nq	93
55) Dibenzofuran	10.05	168	1783137	71.055	nq	97
56) 4-Nitrophenol	9.97	139	321757	77.823	nq	93
57) 2,4-Dinitrotoluene	10.04	165	463543	78.757	nq	93
58) Fluorene	10.39	166	1275741	67.743	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	383350	70.693	nq	99
60) Diethylphthalate	10.27	149	1460982	69.864	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	655897	64.241	nq	99
62) 4-Nitroaniline	10.42	138	418627	82.112	nq	98
63) Azobenzene	10.55	77	1409793	71.673	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	292727	118.854	nq	94
66) n-Nitrosodiphenylamine	10.50	169	1246385	66.449	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	476772	69.949	nq	98
68) Hexachlorobenzene	10.94	284	522337	71.960	nq	98
69) Atrazine	11.03	200	303171	57.344	nq	98
70) Pentachlorophenol	11.13	266	300094	67.619	nq	98
71) Phenanthrene	11.36	178	2012883	67.653	nq	99
72) Anthracene	11.41	178	2038337	68.280	nq	99
73) Carbazole	11.56	167	2016431	69.835	nq	99
74) Di-n-butylphthalate	11.89	149	2245684	66.859	nq	100
75) Fluoranthene	12.54	202	2303031	71.936	nq	99
77) Benzidine	12.66	184	856141	62.690	nq	# 95
78) Pyrene	12.77	202	2353141	65.099	nq	99
80) Butylbenzylphthalate	13.39	149	1083878	71.825	nq	99
81) Benzo(a)anthracene	13.96	228	1992763	71.536	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	703746	69.585	nq	98
83) Chrysene	14.00	228	2047907	70.124	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1245035	70.285	nq	100
85) Di-n-octyl phthalate	14.56	149	2339847	76.337	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	2339996	71.147	nq	99
88) Benzo(b)fluoranthene	15.00	252	2290453	68.576	nq	98
89) Benzo(k)fluoranthene	15.03	252	2036486	65.312	nq	99
90) Benzo(a)pyrene	15.36	252	2076337	71.071	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1853139	69.110	nq	97
92) Benzo(g,h,i)perylene	17.29	276	1863449	70.460	nq	100

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



#1

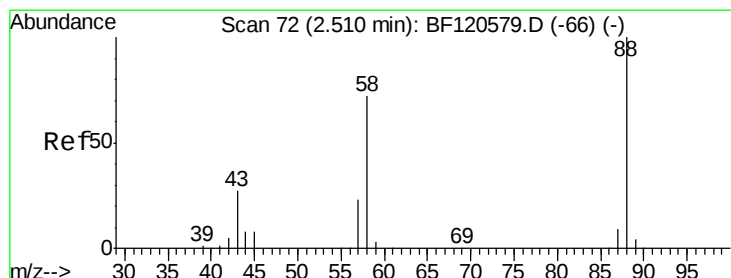
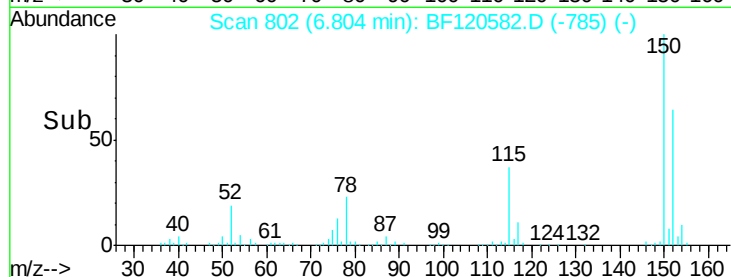
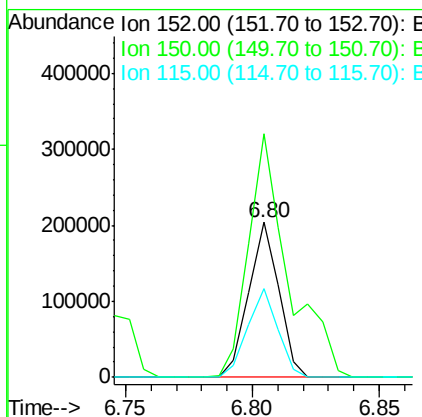
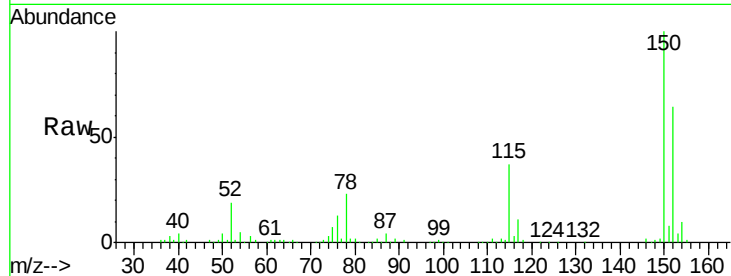
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.4	188.0
115	57.4	45.5	68.3

Manual Integrations
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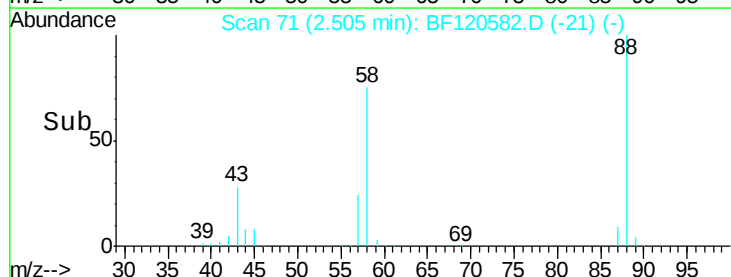
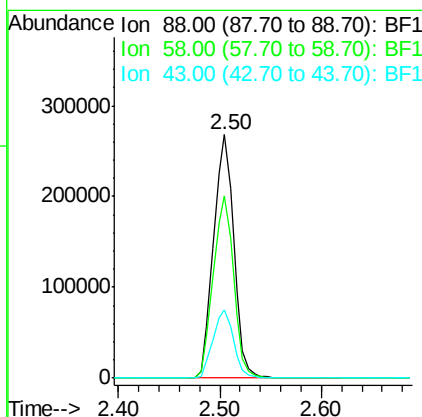
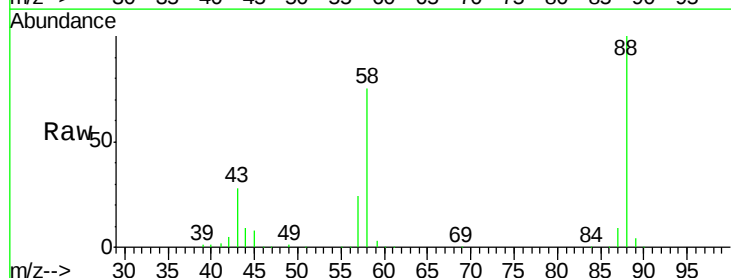
mohammad
6/10/2020 11:51:00 AM

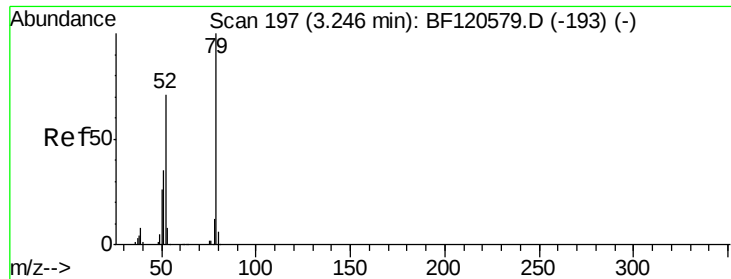


#2

1,4-Dioxane
Concen: 84.193 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	58.2	87.2
43	28.4	22.2	33.2





#3

Pvridine

Concen: 85.020 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.00 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1044268

Ion Ratio Lower Upper

79 100

52 70.8 57.2 85.8

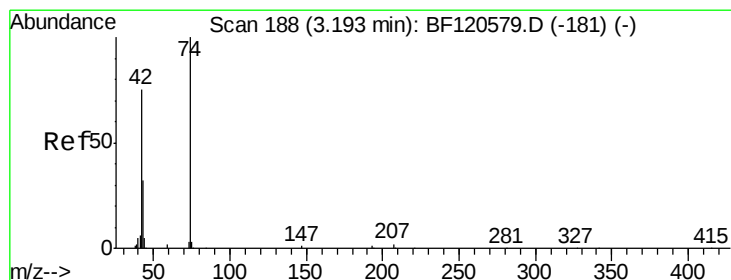
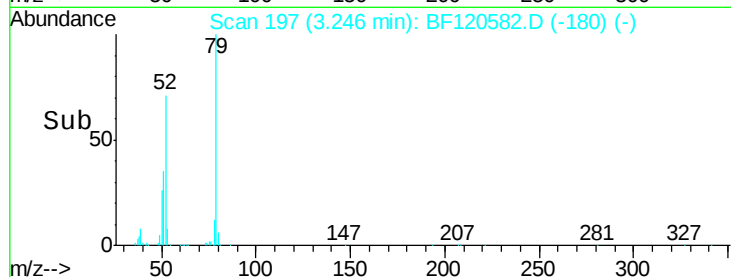
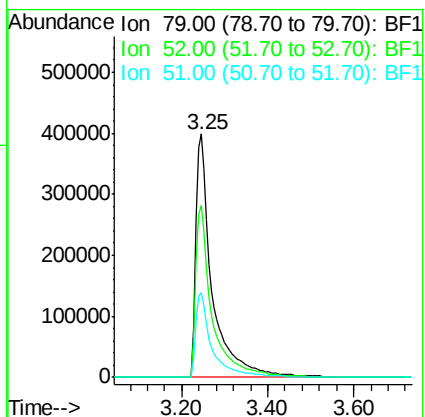
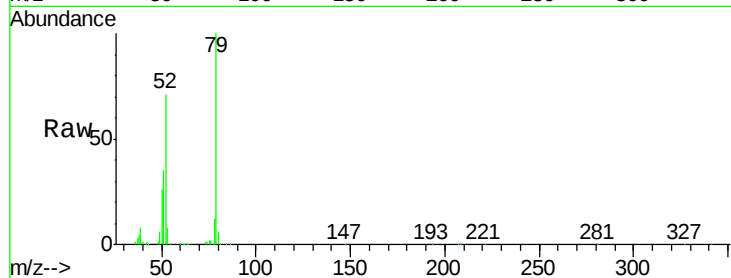
51 35.0 28.2 42.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 86.329 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.02 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

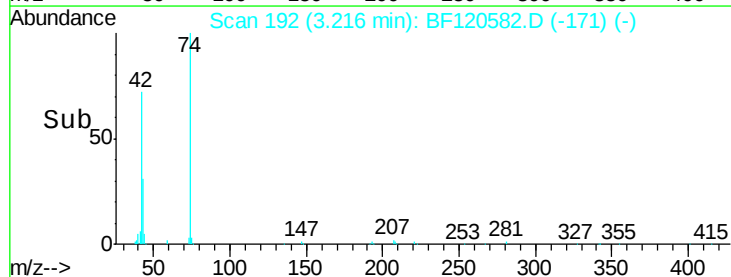
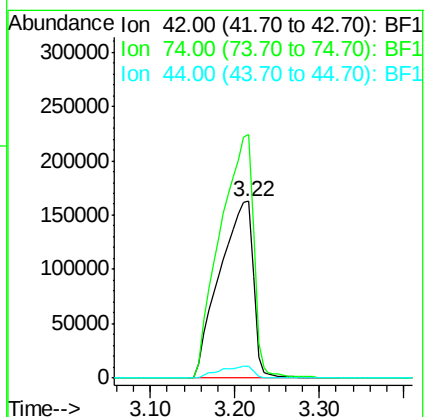
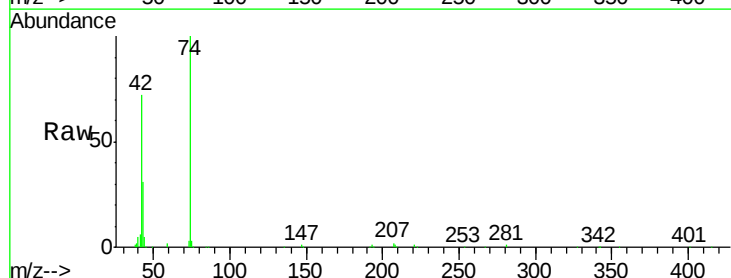
Tgt Ion: 42 Resp: 448730

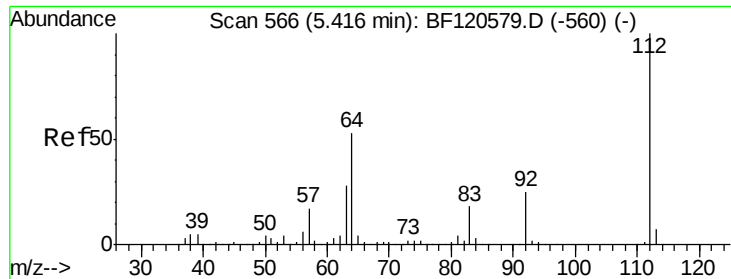
Ion Ratio Lower Upper

42 100

74 137.9 106.9 160.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 151.754 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1358644

Ion Ratio Lower Upper

112 100

64 55.0 42.7 64.1

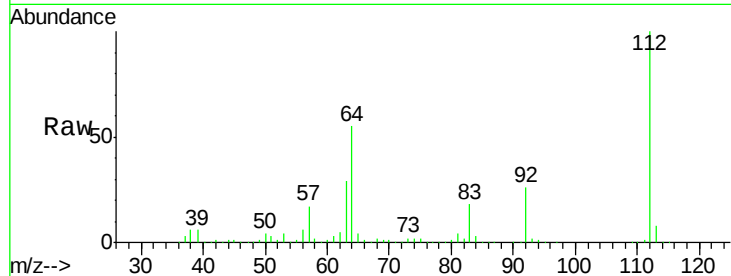
63 28.7 22.3 33.5

Manual Integrations

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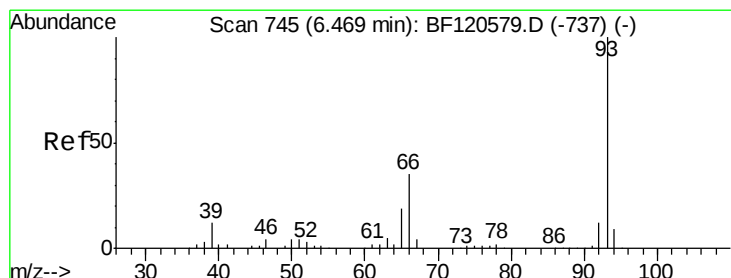
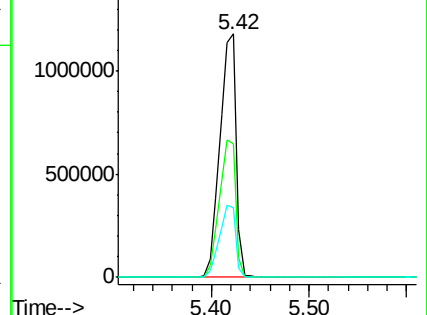
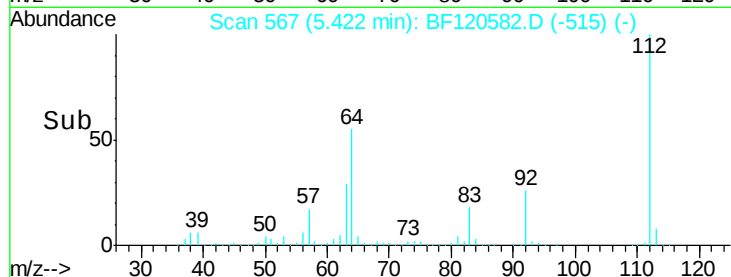
6/10/2020 11:51:00 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 68.198 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

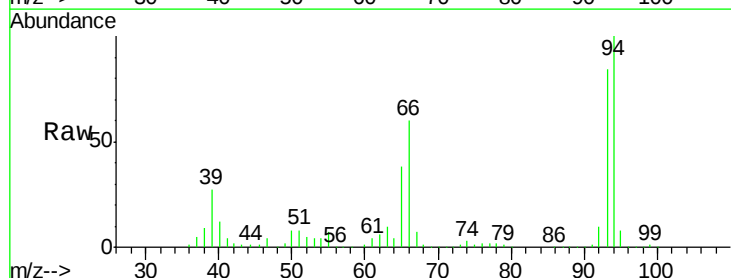
Tgt Ion: 93 Resp: 1049342

Ion Ratio Lower Upper

93 100

66 71.4 29.1 43.7#

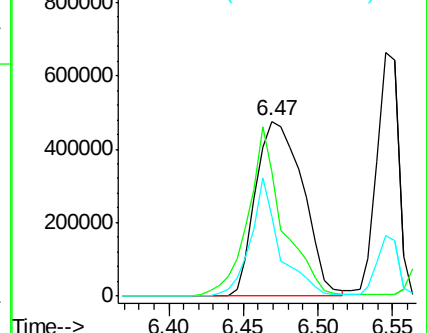
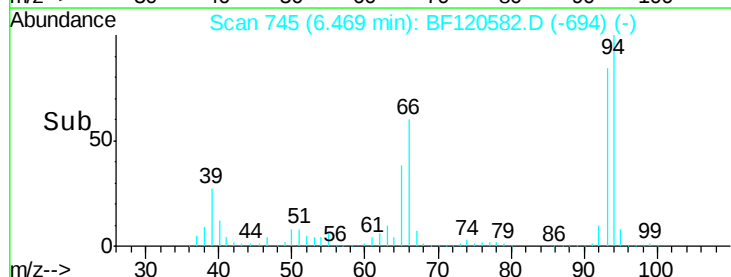
65 45.5 15.2 22.8#

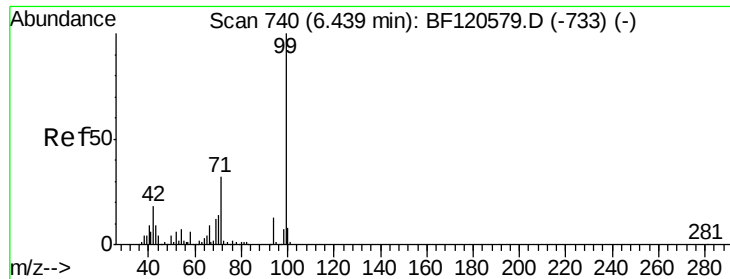


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.911 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion: 99 Resp: 1632219

Ion Ratio Lower Upper

99 100

42 18.7 14.6 22.0

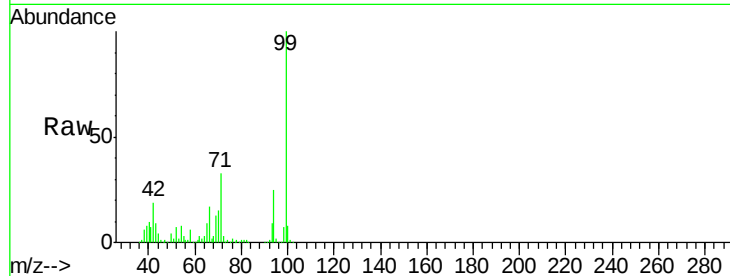
71 33.1 25.4 38.0

Manual Integrations

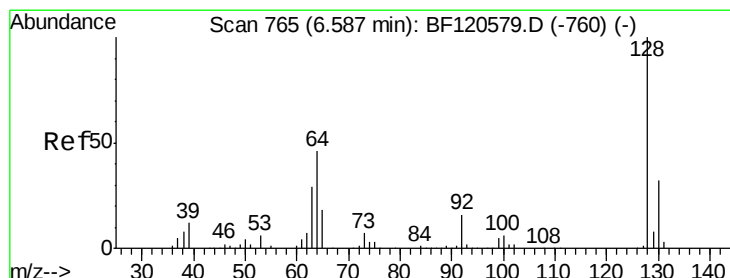
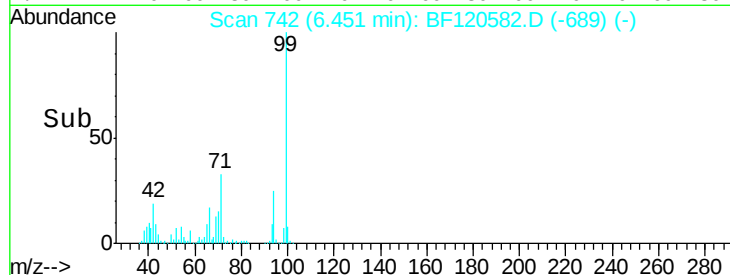
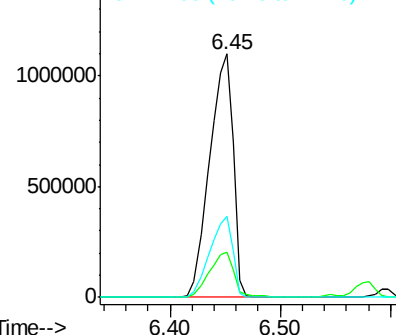
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 66.720 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

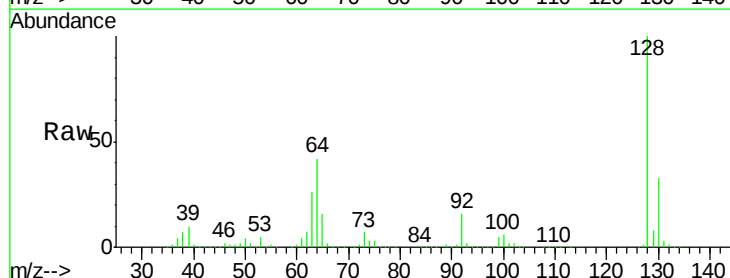
Tgt Ion: 128 Resp: 673548

Ion Ratio Lower Upper

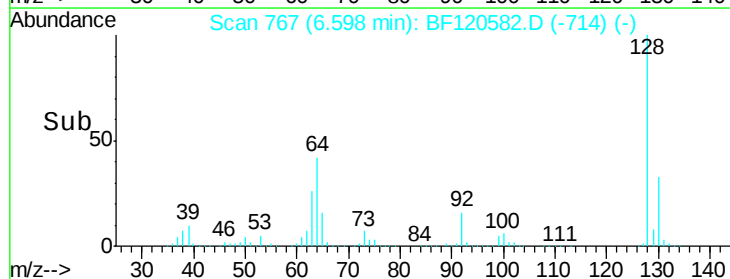
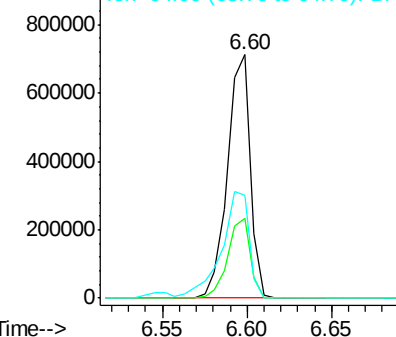
128 100

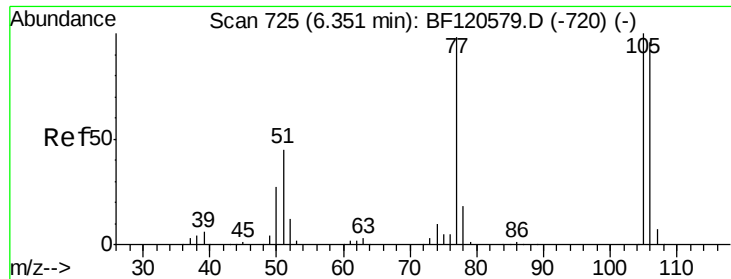
130 32.6 12.4 52.4

64 42.0 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.677 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 374458

Ion Ratio Lower Upper

77 100

105 103.7 82.2 122.2

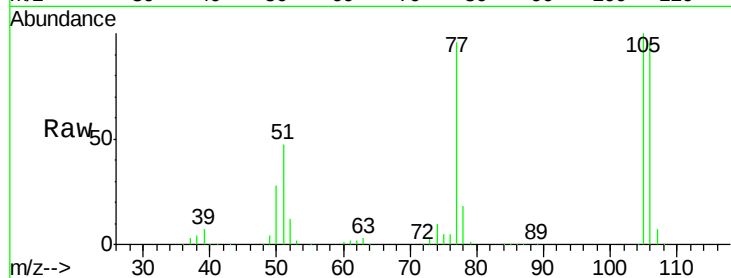
106 98.2 78.5 118.5

Manual Integrations

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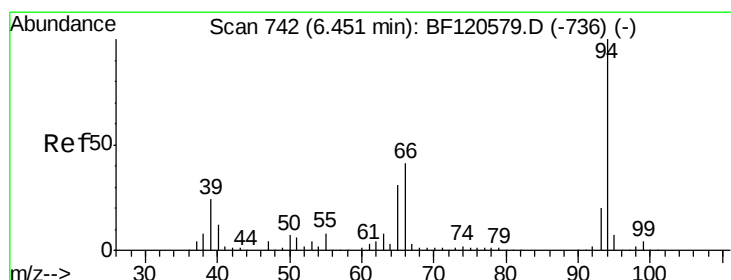
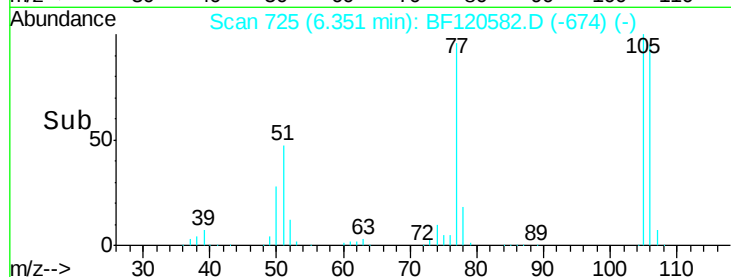
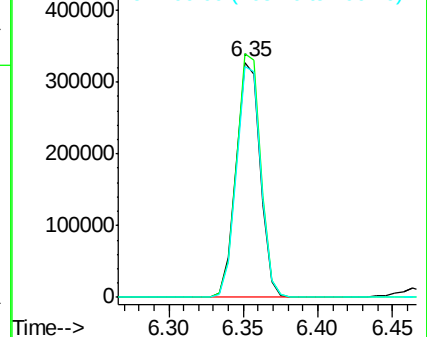
6/10/2020 11:51:00 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 76.298 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

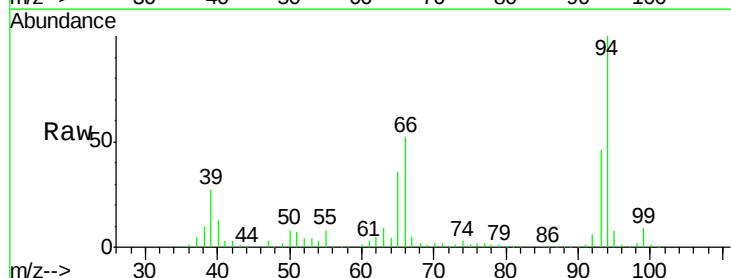
Tgt Ion: 94 Resp: 920726

Ion Ratio Lower Upper

94 100

65 36.1 11.1 51.1

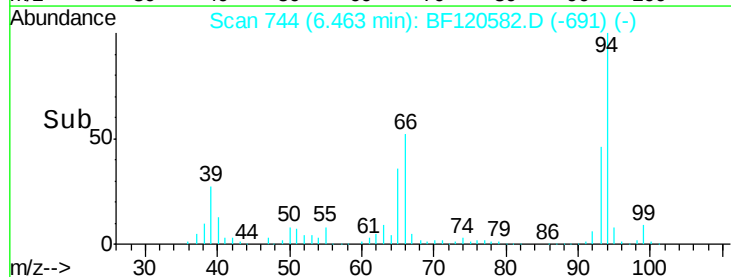
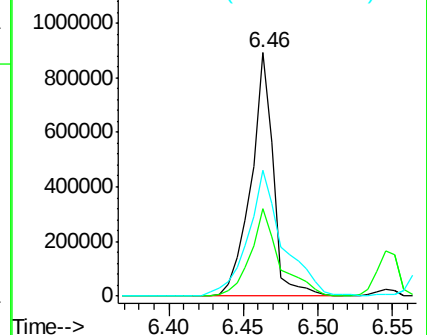
66 51.8 21.0 61.0

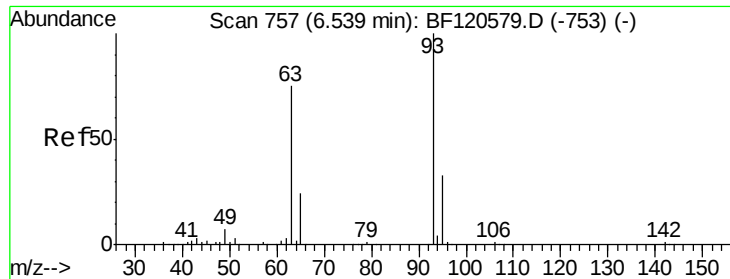


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





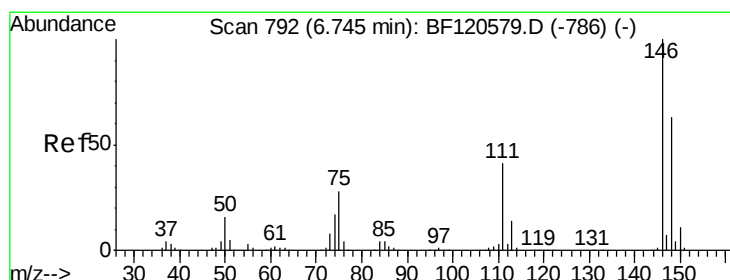
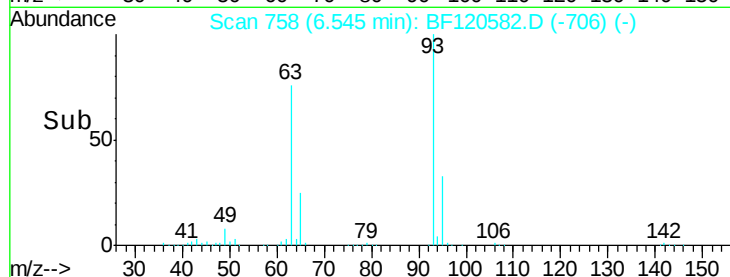
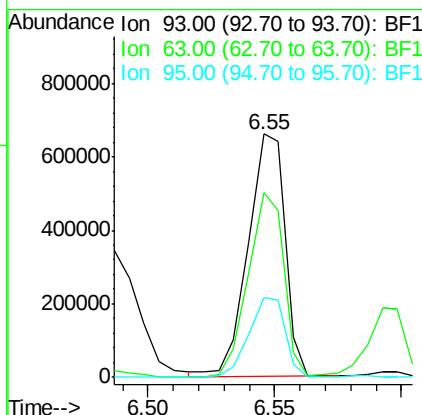
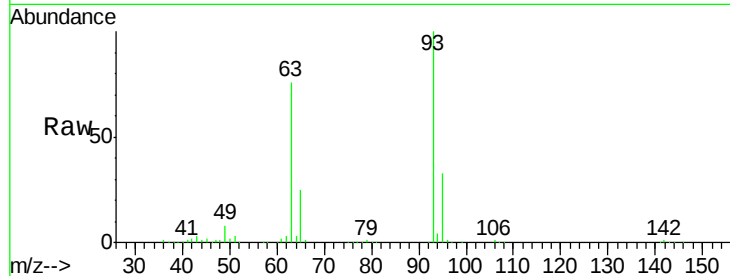
#11
bis(2-Chloroethyl)ether
Concen: 66.438 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.6	94.6
95	32.9	12.8	52.8

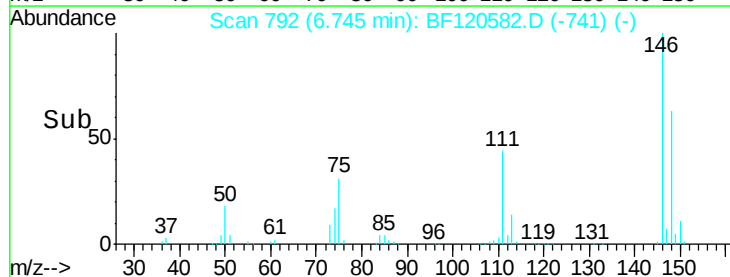
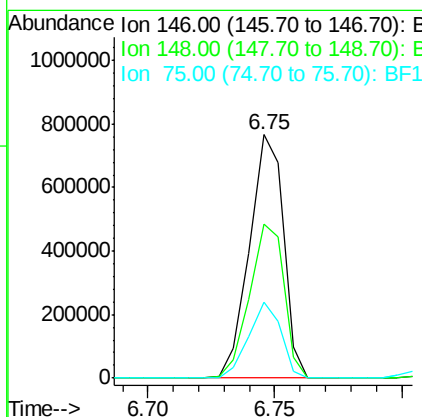
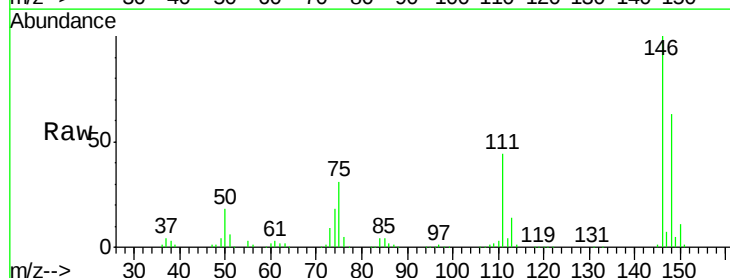
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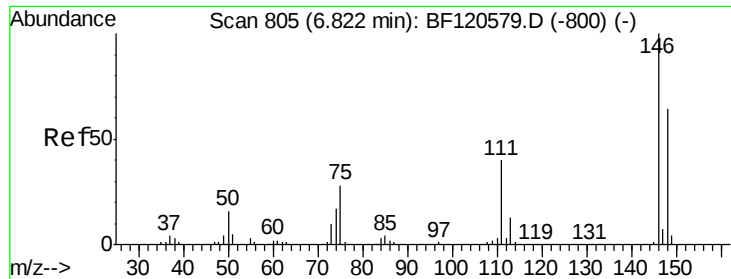
mohammad
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#12
1,3-Dichlorobenzene
Concen: 64.831 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	31.4	22.6	33.8





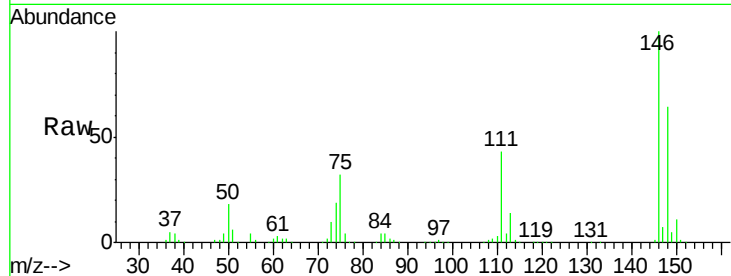
#13
 1,4-Dichlorobenzene
 Concen: 69.415 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

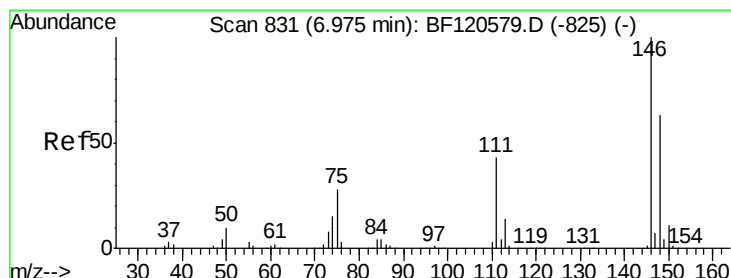
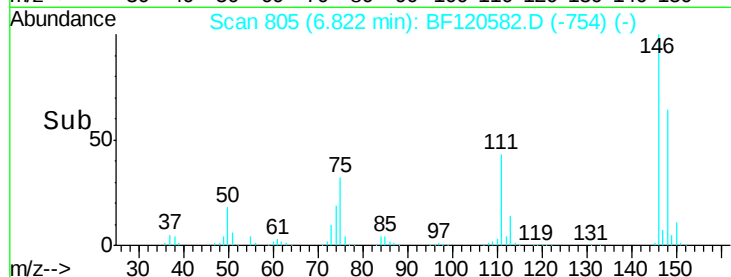
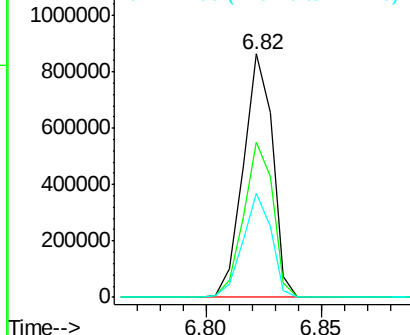
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
111	42.6	32.5	48.7

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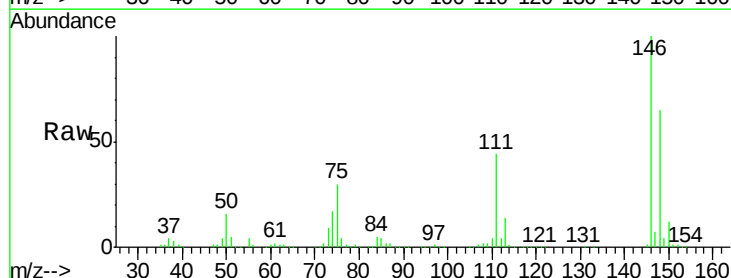


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

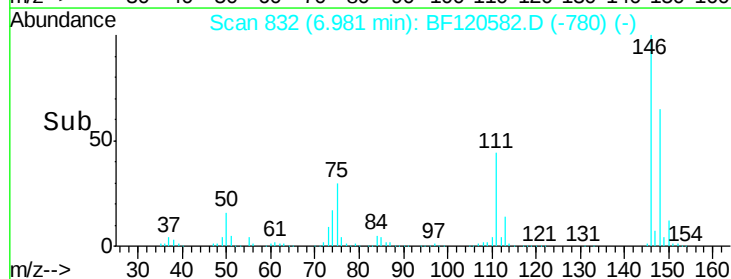
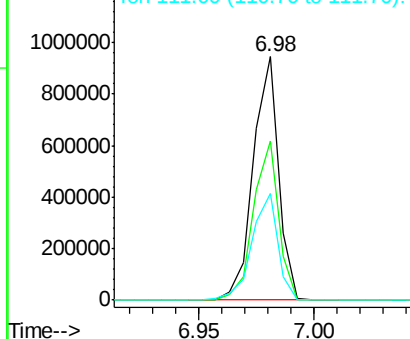


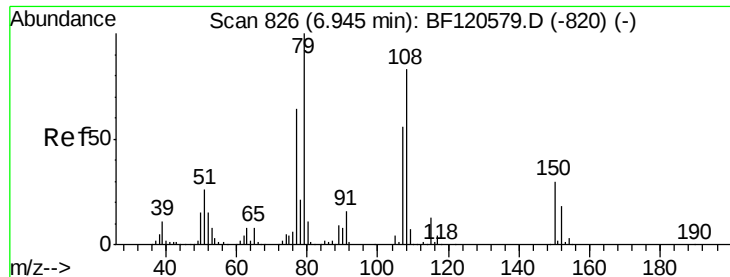
#14
 1,2-Dichlorobenzene
 Concen: 71.035 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	43.8	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: 64.737 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

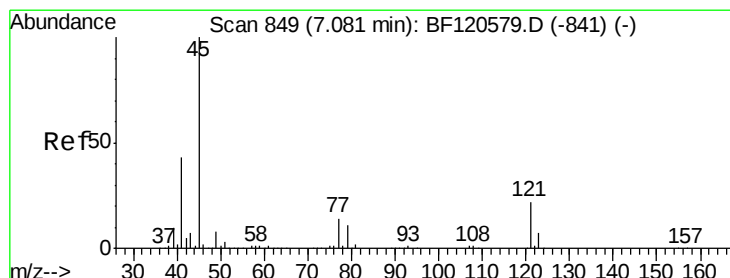
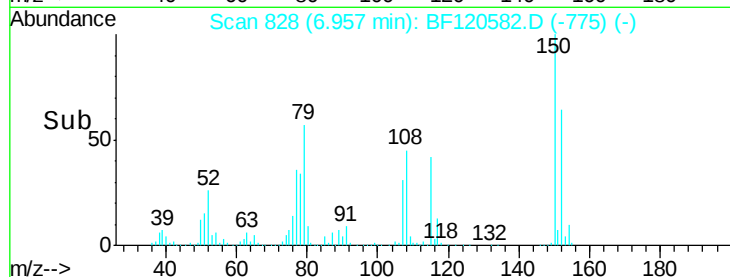
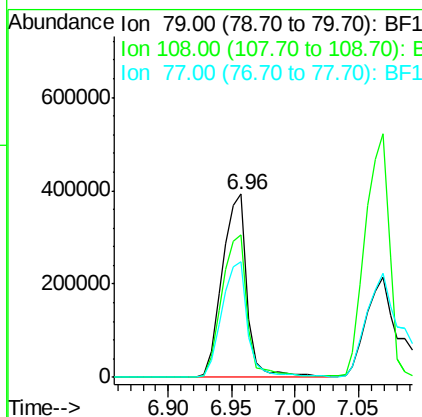
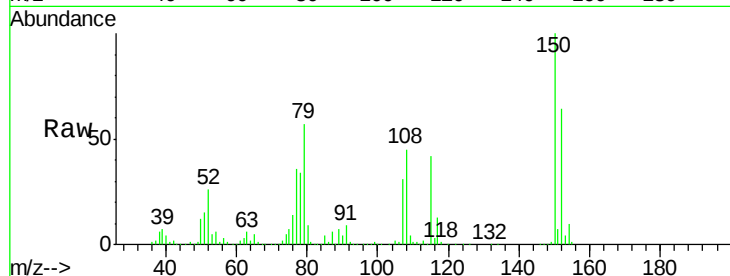
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	538510
Ion Ratio	Lower	Upper	
79	100		
108	78.1	66.2	99.4
77	63.0	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.264 ng

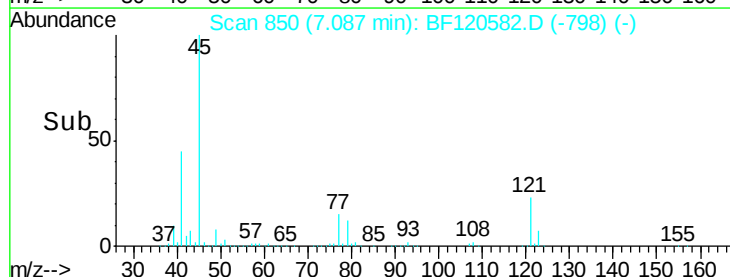
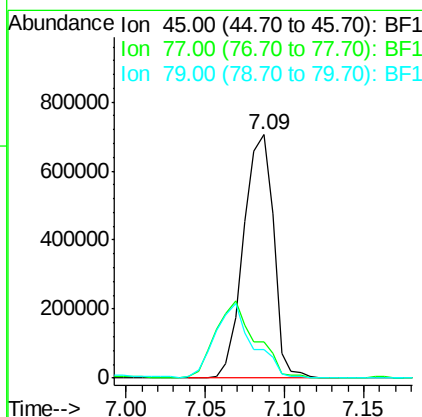
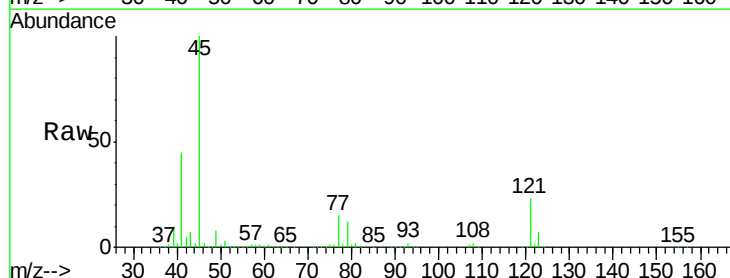
RT: 7.09 min Scan# 850

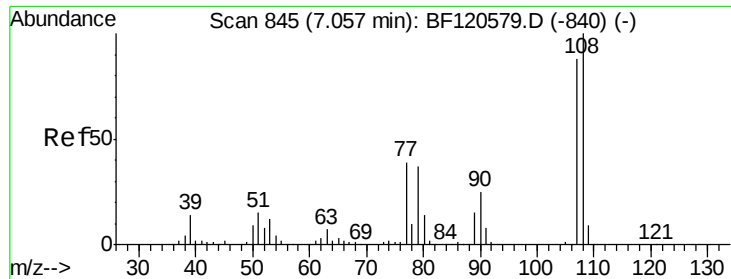
Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion:	45	Resp:	926260
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	33.9
79	11.7	0.0	31.0





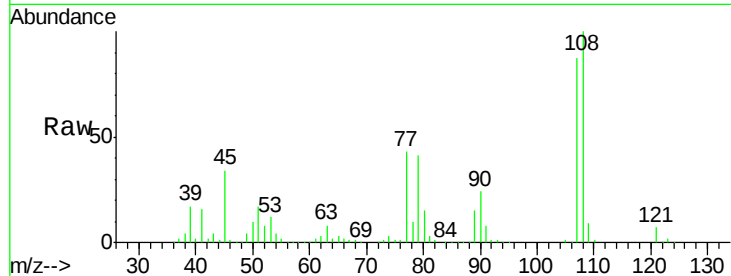
#17
2-Methylphenol
Concen: 65.081 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

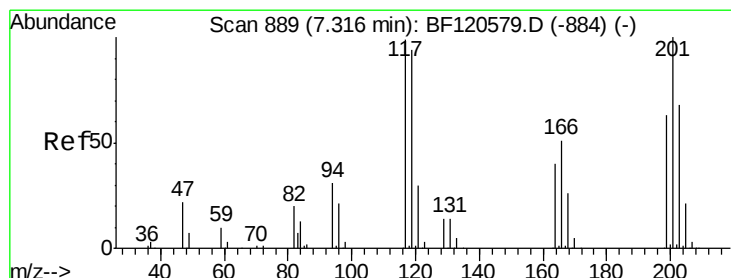
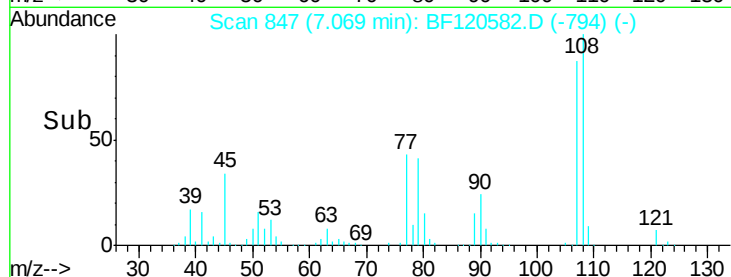
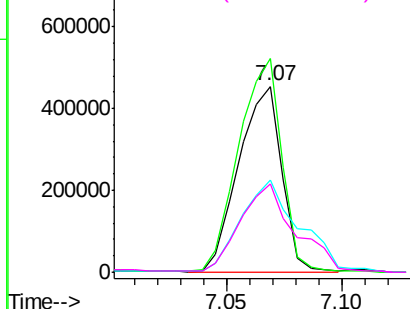
Tot Ion:	107	Resp:	587490
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.0	136.6
77	49.3	35.8	53.6
79	47.2	34.3	51.5

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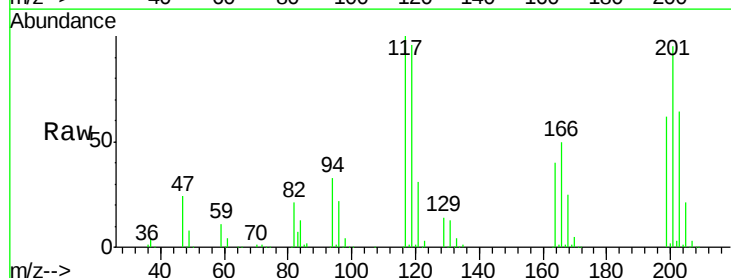


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

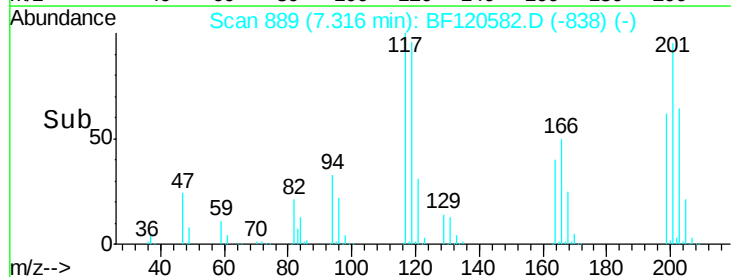
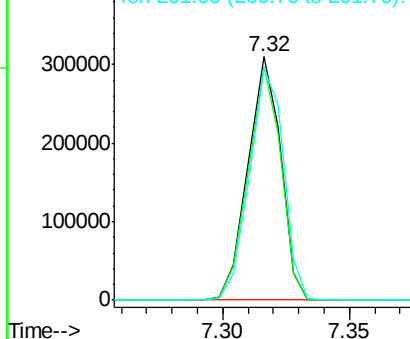


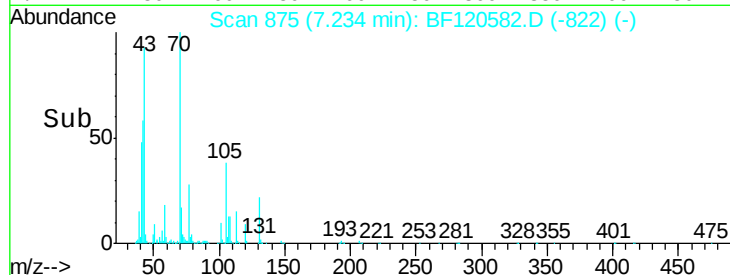
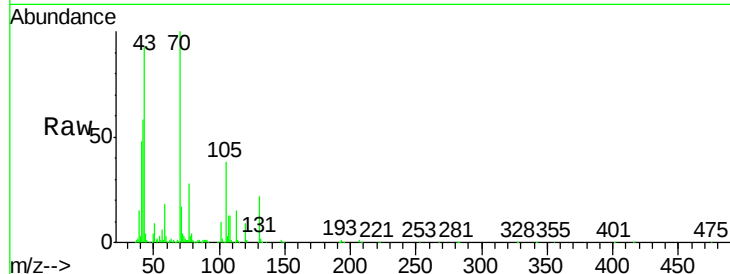
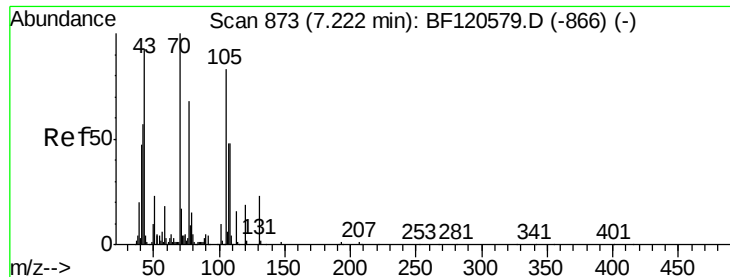
#18
Hexachloroethane
Concen: 69.299 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:	117	Resp:	280692
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.8
201	95.3	80.6	120.8



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0





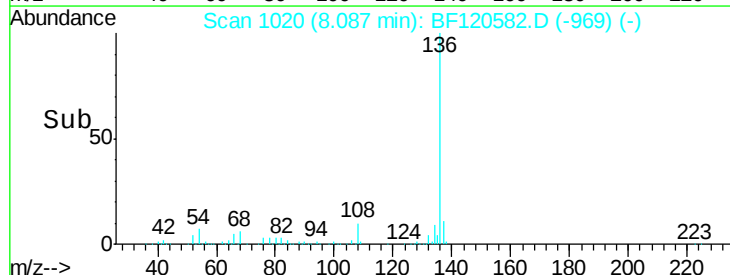
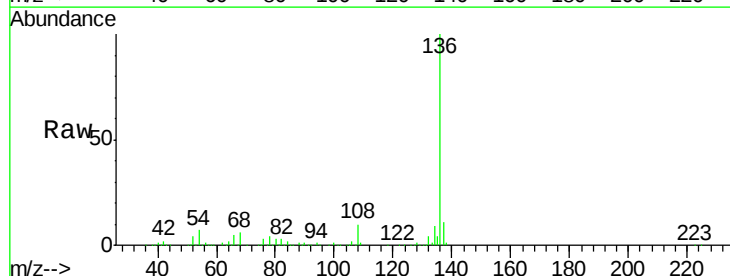
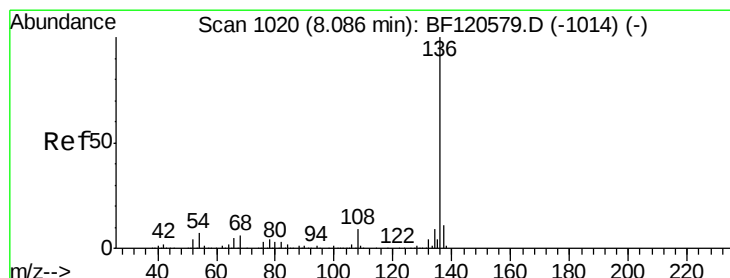
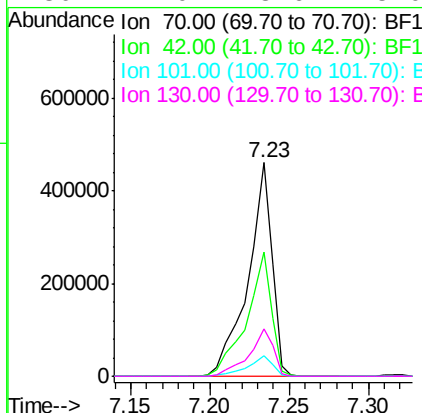
#19
n-Nitroso-di-n-propylamine
Concen: 69.024 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	70	Resp	484182
Ion Ratio	Lower	Upper	
70	100		
42	58.3	45.8	68.6
101	9.8	7.8	11.6
130	22.0	18.6	28.0

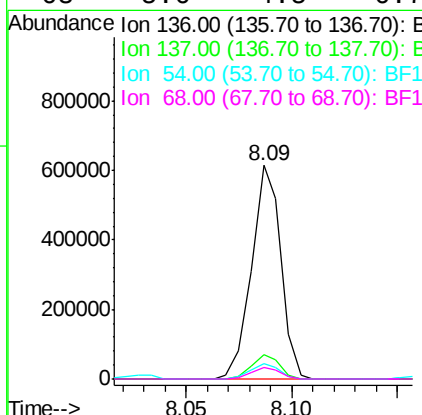
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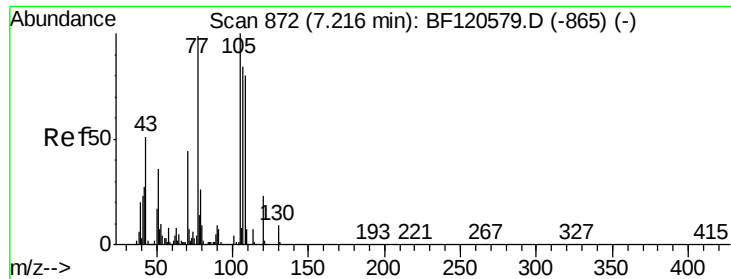
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	136	Resp	590902
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	7.3	5.8	8.6
68	5.6	4.5	6.7





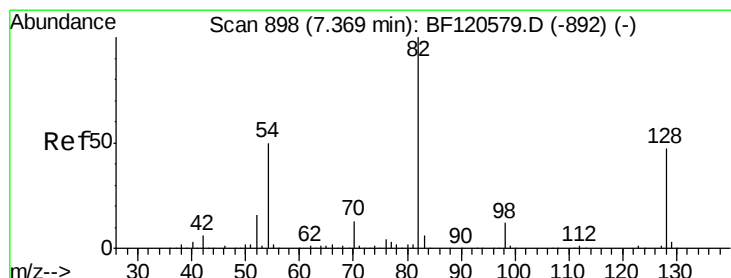
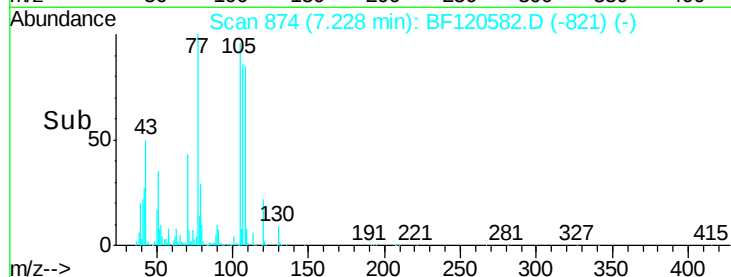
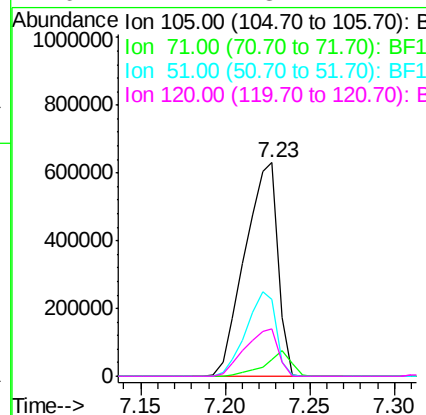
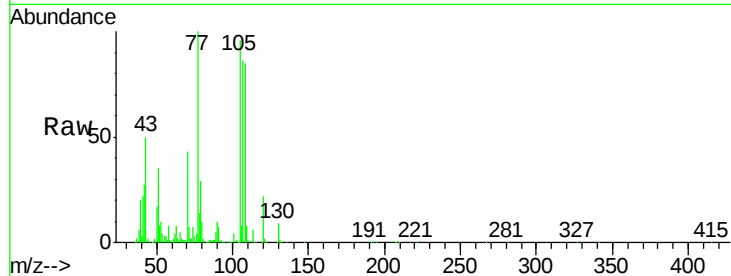
#22
Acetophenone
Concen: 71.792 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	861575		
71	71	7.5		5.8	8.8
51	51	35.9		28.7	43.1
120	120	22.4		18.2	27.2

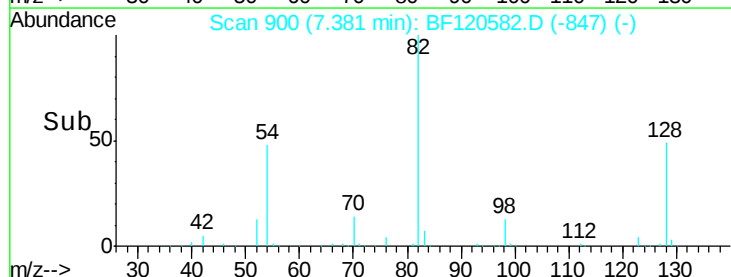
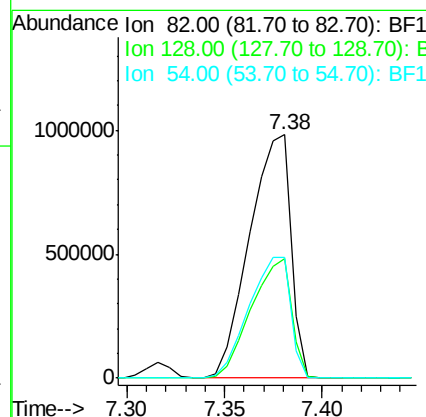
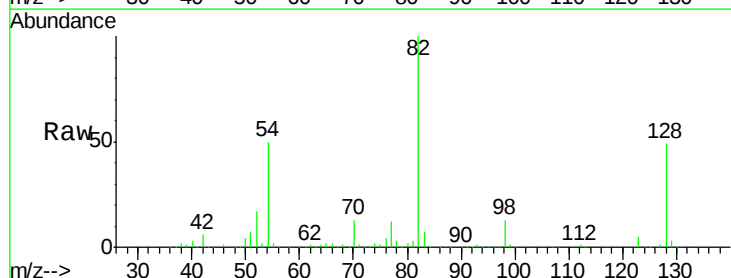
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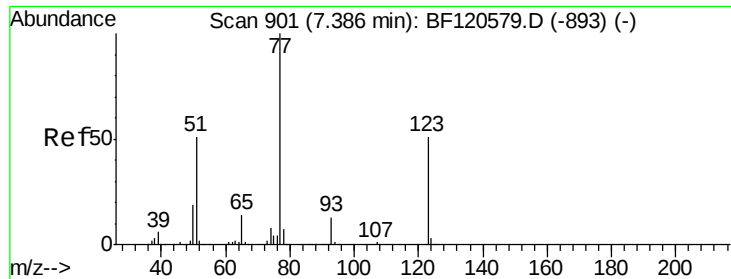
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#23
Nitrobenzene-d5
Concen: 159.410 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	1440008		
128	128	49.0		37.5	56.3
54	54	49.6		39.8	59.6





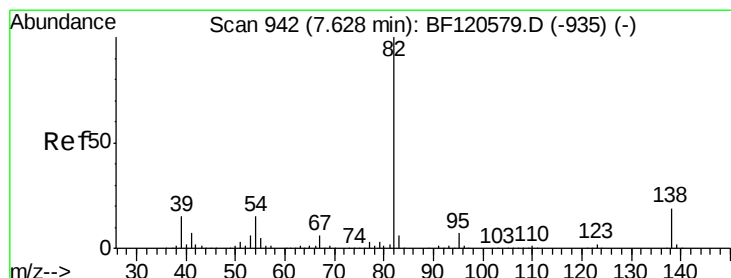
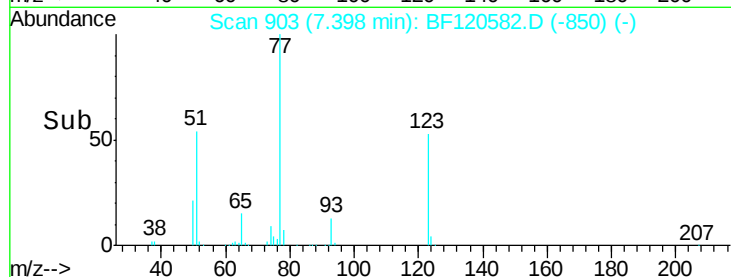
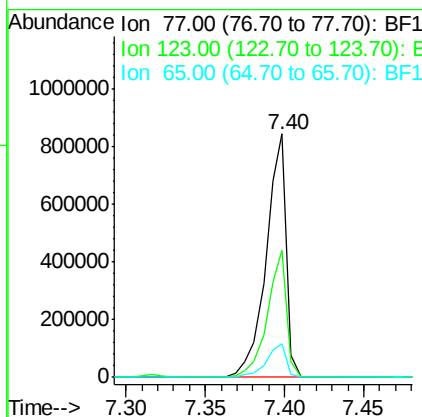
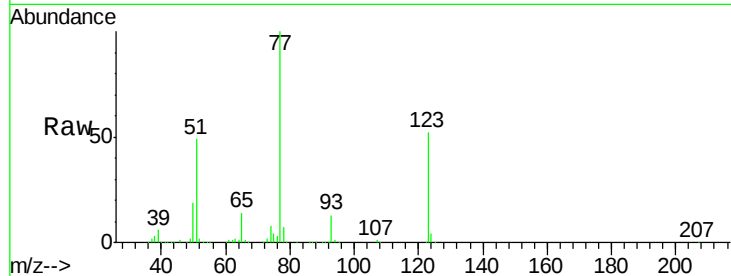
#24
Nitrobenzene
Concen: 77.121 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	52.3	40.5	60.7
65	13.6	10.9	16.3

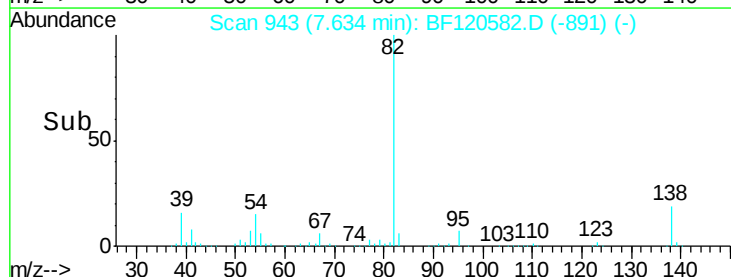
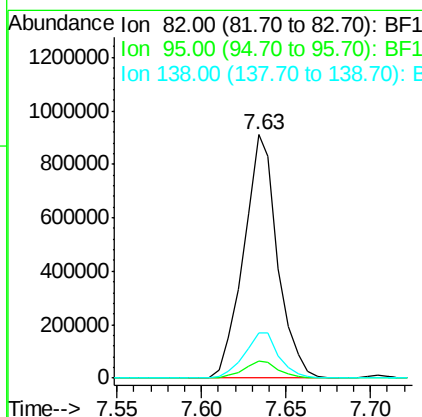
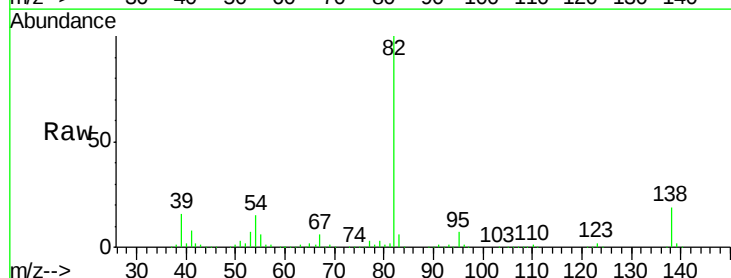
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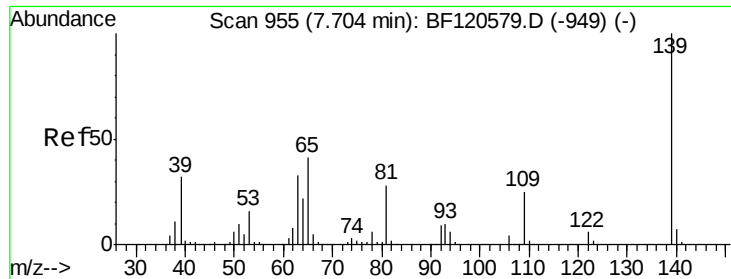
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#25
Isophorone
Concen: 69.877 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.8	15.4	23.2





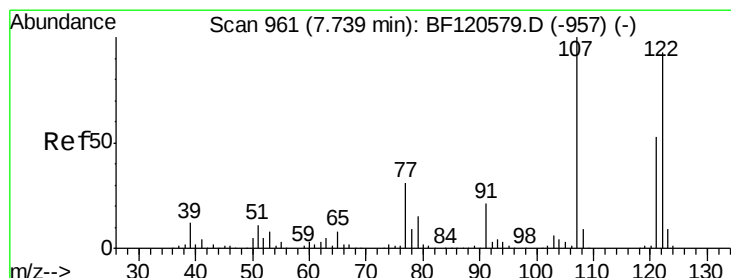
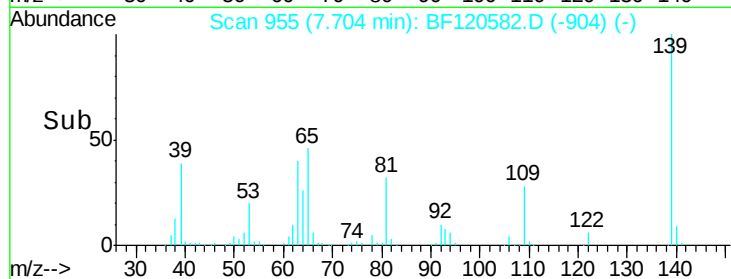
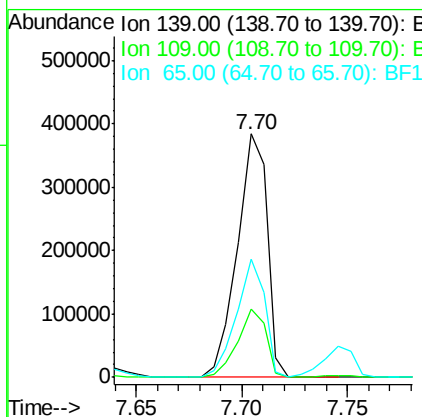
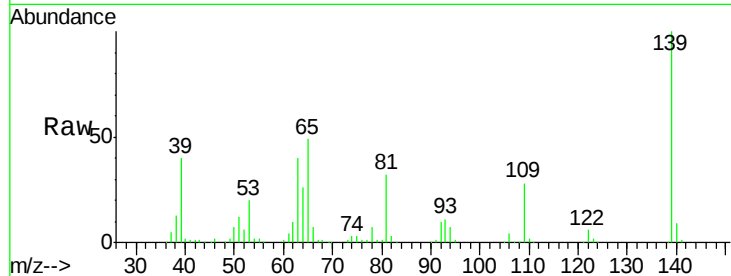
#26
2-Nitrophenol
Concen: 85.766 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	376285		
109	27.9	20.2	30.2	
65	48.7	32.9	49.3	

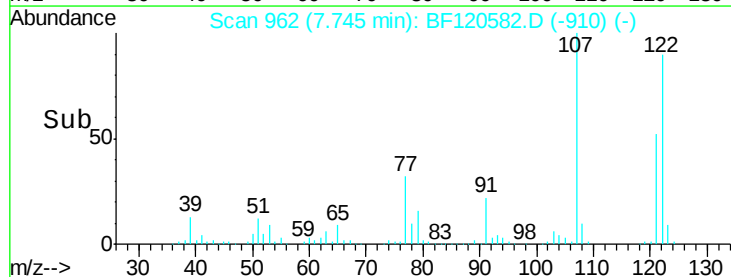
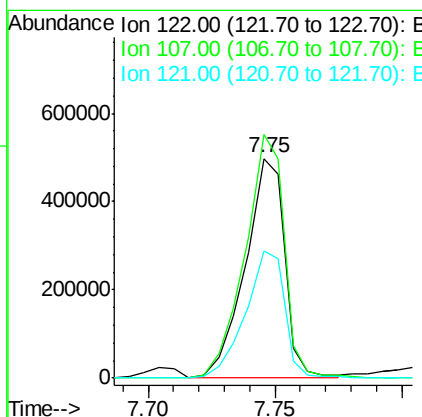
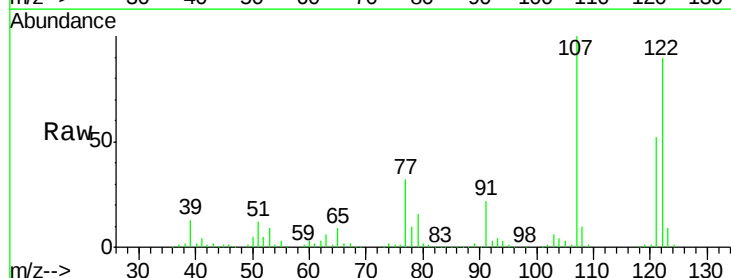
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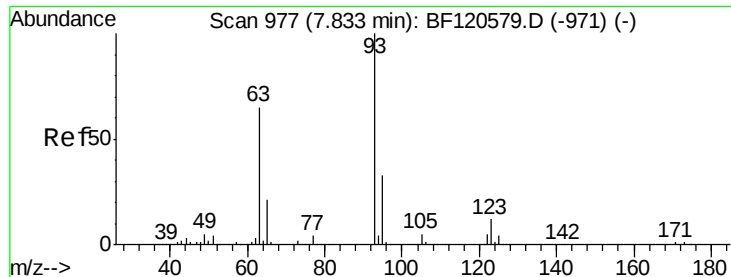
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#27
2,4-Dimethylphenol
Concen: 71.145 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	542067		
107	110.8	86.3	129.5	
121	57.6	45.4	68.2	





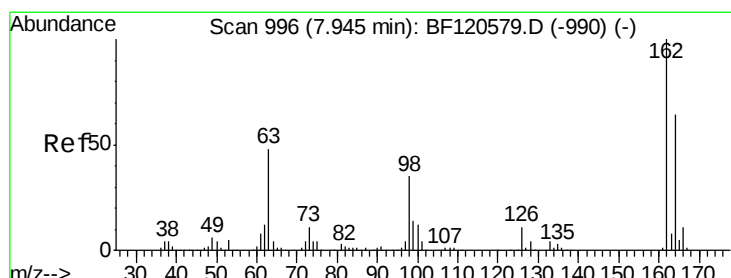
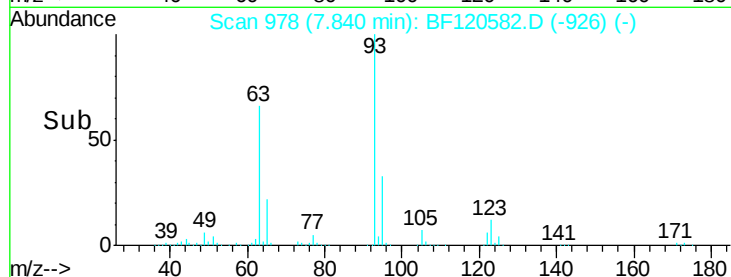
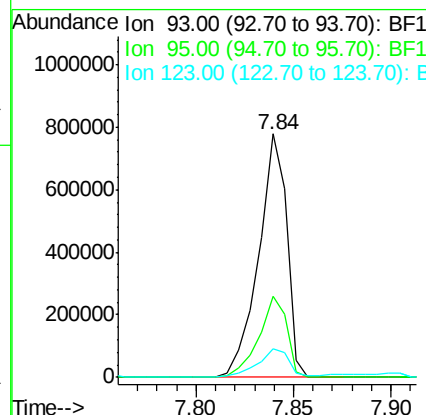
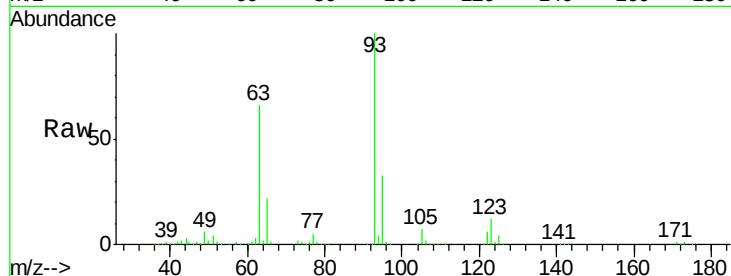
#28
bis(2-Chloroethoxy)methane
Concen: 71.027 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	93	Resp:	776582
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.1	39.1
123	12.0	9.5	14.3

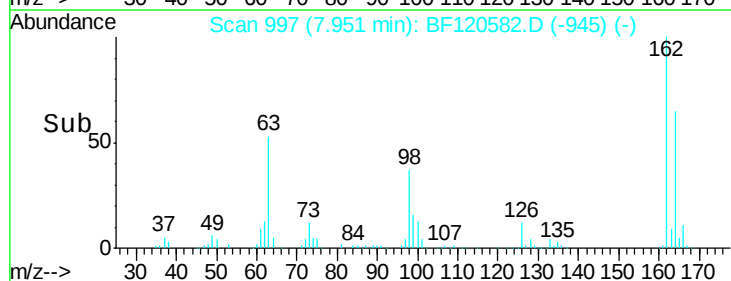
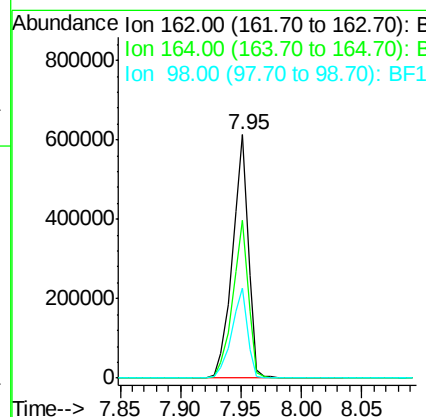
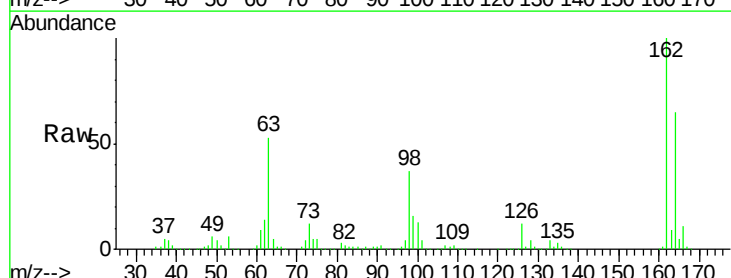
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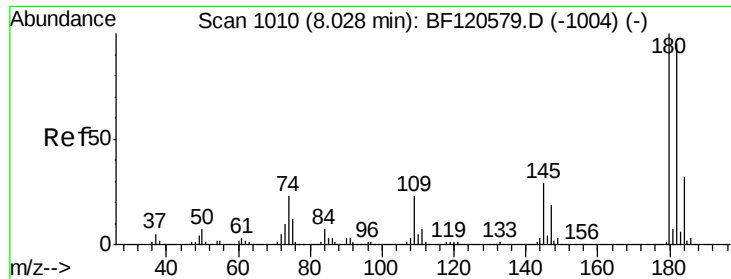
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#29
2,4-Dichlorophenol
Concen: 72.609 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:	162	Resp:	558788
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.1	84.1
98	36.9	14.6	54.6





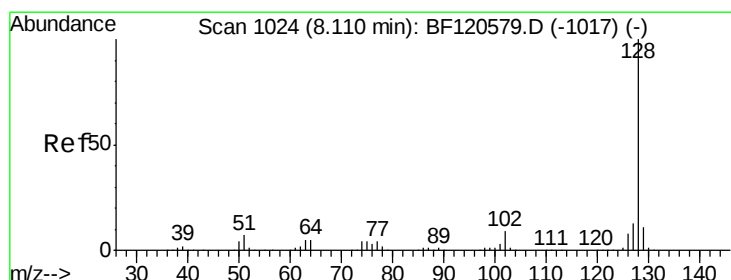
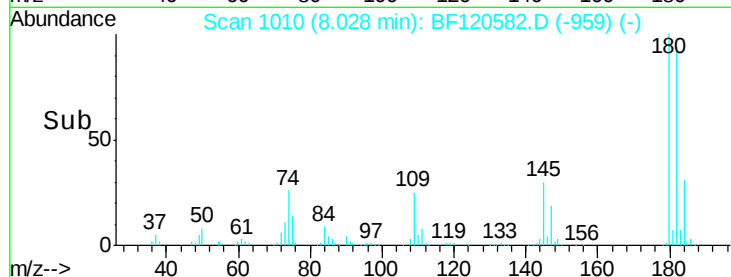
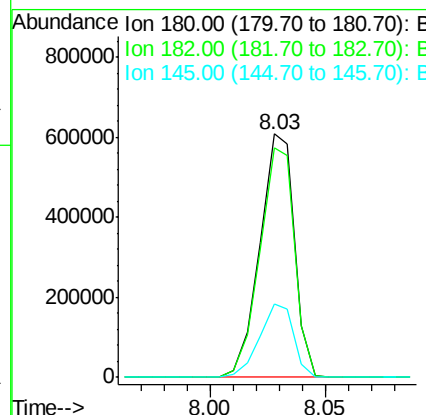
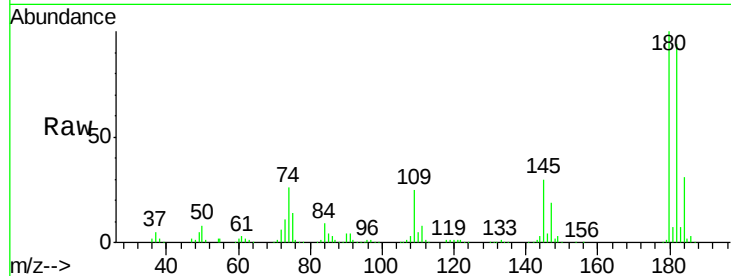
#30
1,2,4-Trichlorobenzene
Concen: 73.336 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.4
145	30.2	23.0	34.6

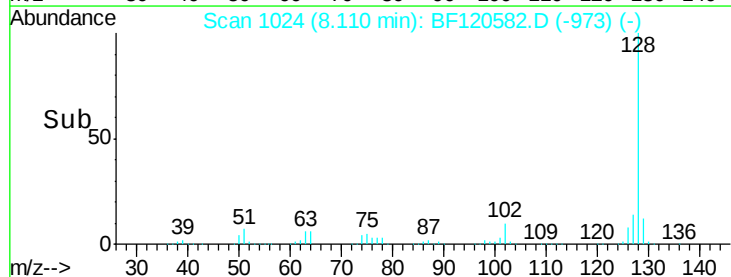
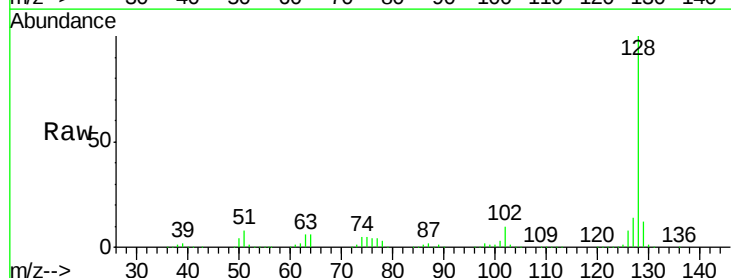
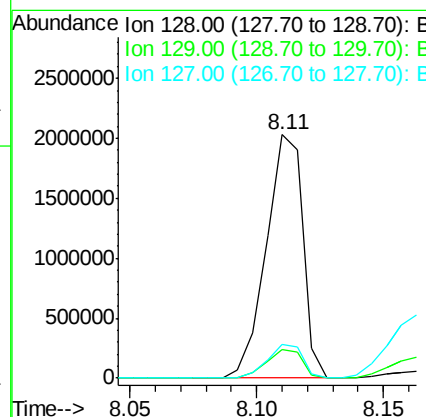
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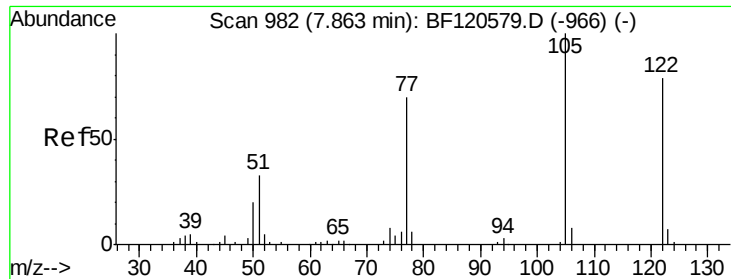
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#31
Naphthalene
Concen: 79.152 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.8	10.7	16.1





#32

Benzoic acid

Concen: 88.617 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.04 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

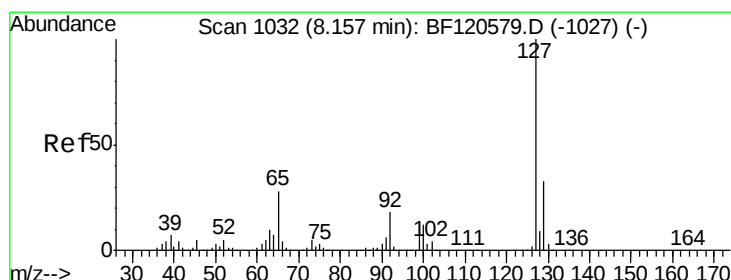
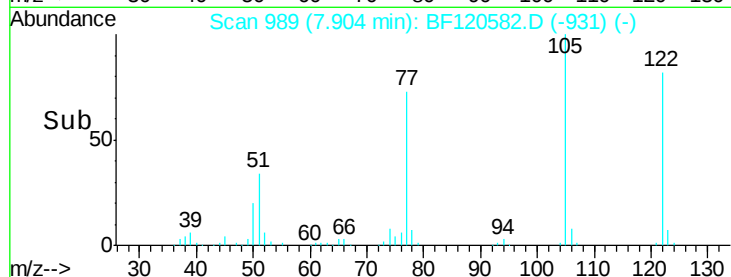
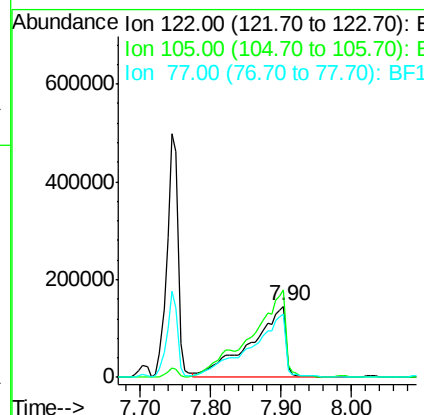
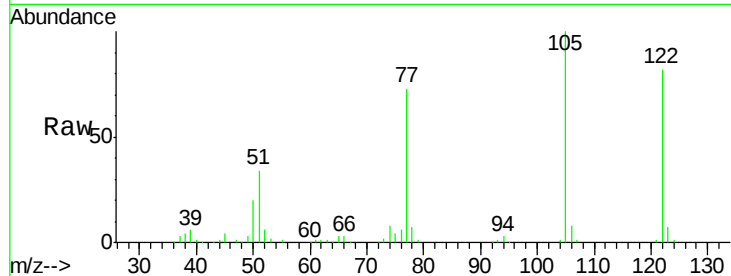
ClientSampleId :

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Tot Ion:	122	Resp:	501042
Ion Ratio	Lower	Upper	
122	100		
105	122.1	101.1	141.1
77	89.1	66.8	106.8

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#33

4-Chloroaniline

Concen: 76.988 ng

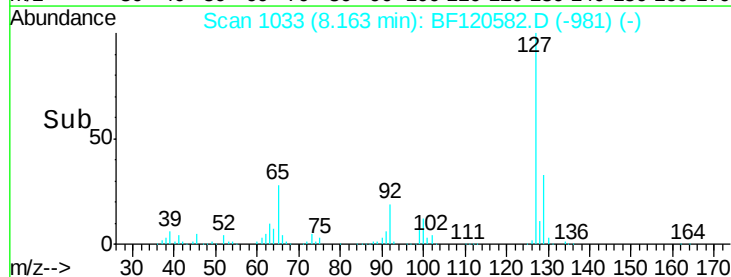
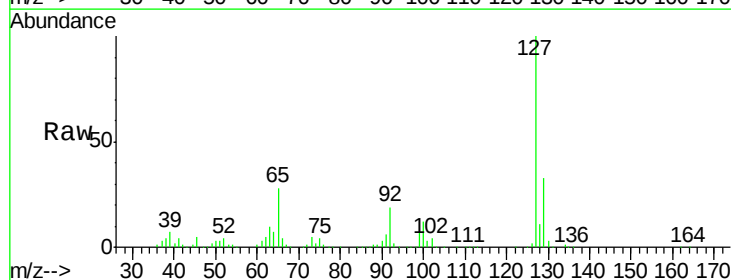
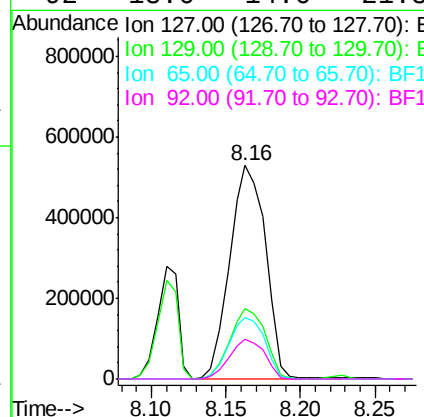
RT: 8.16 min Scan# 1033

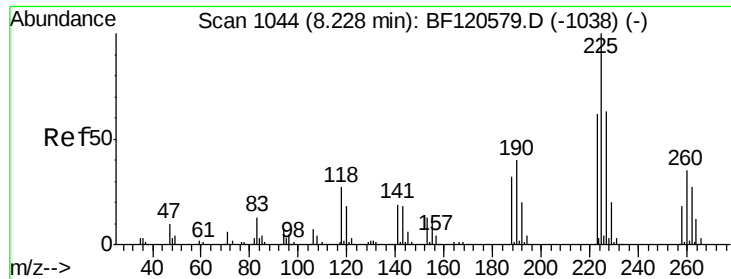
Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion:	127	Resp:	885480
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.2	39.2
65	28.5	22.6	33.8
92	18.6	14.6	21.8





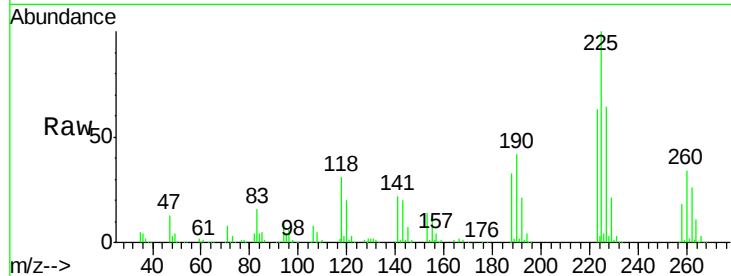
#34
Hexachlorobutadiene
Concen: 74.340 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

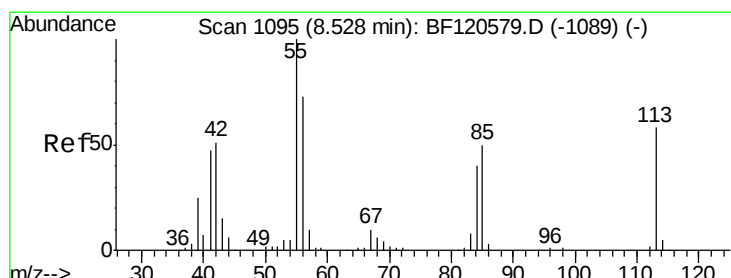
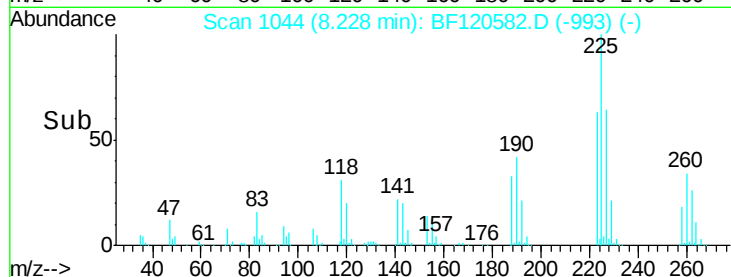
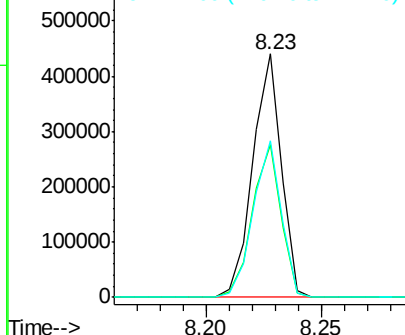
Tot Ion:	225	Resp:	380558
Ion Ratio		Lower	Upper
225	100		
223	62.8	49.5	74.3
227	64.3	50.6	76.0

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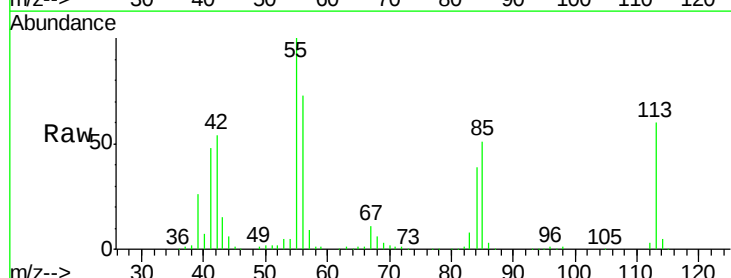


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

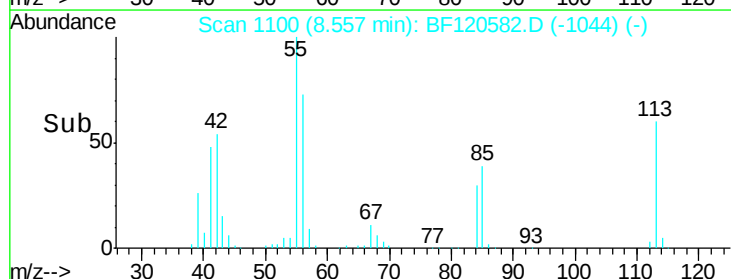
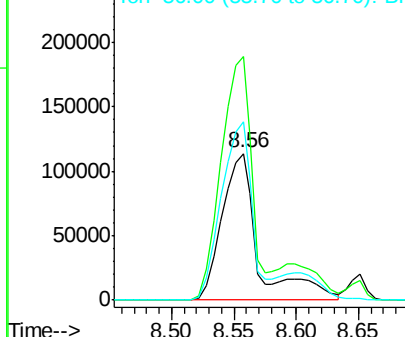


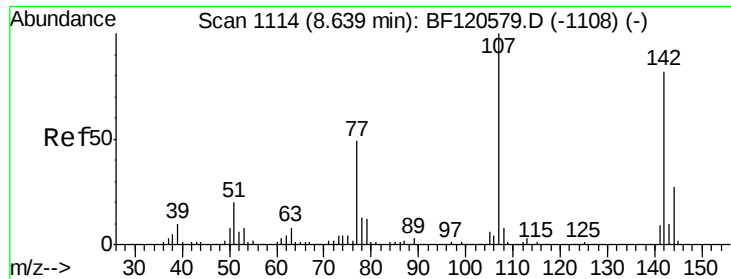
#35
Caprolactam
Concen: 92.435 ng m
RT: 8.56 min Scan# 1100
Delta R.T. 0.03 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:	113	Resp:	230378
Ion Ratio		Lower	Upper
113	100		
55	165.6	152.8	192.8
56	121.4	105.9	145.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





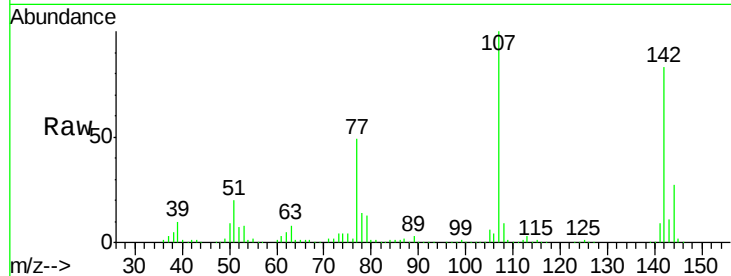
#36
 4-Chloro-3-methylphenol
 Concen: 84.611 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

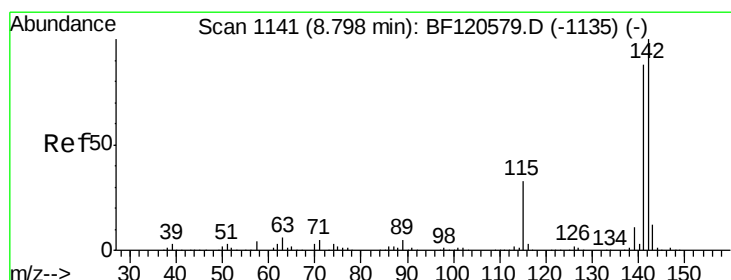
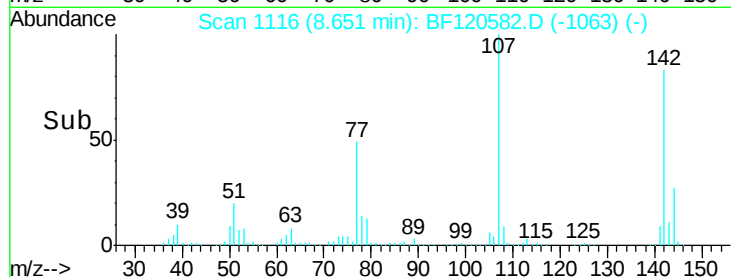
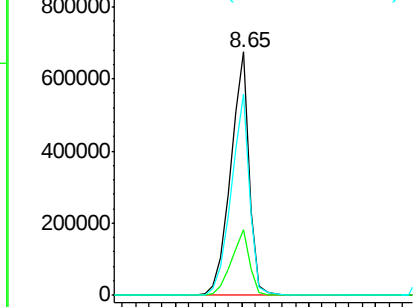
Tot Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.6	32.4
142	82.7	65.8	98.8

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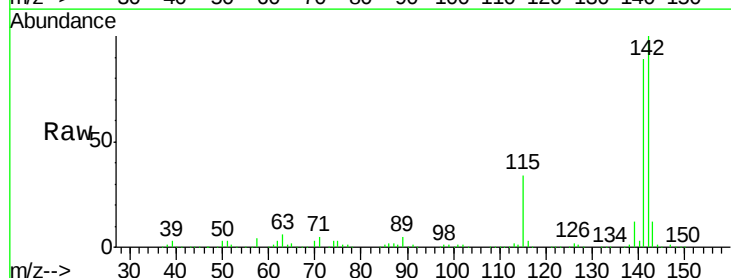


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

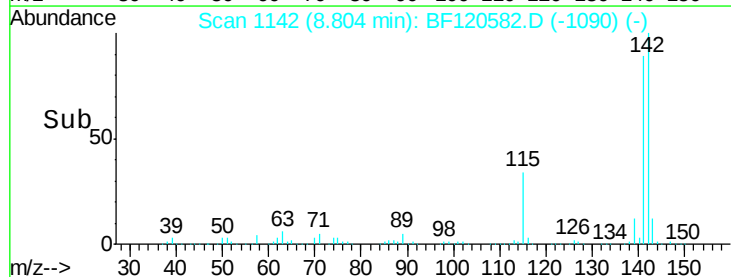
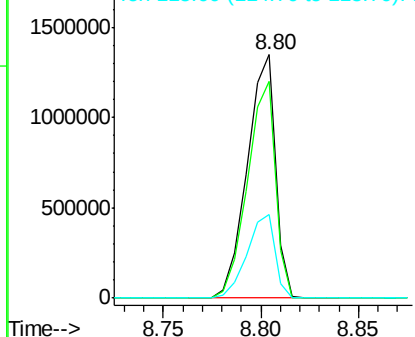


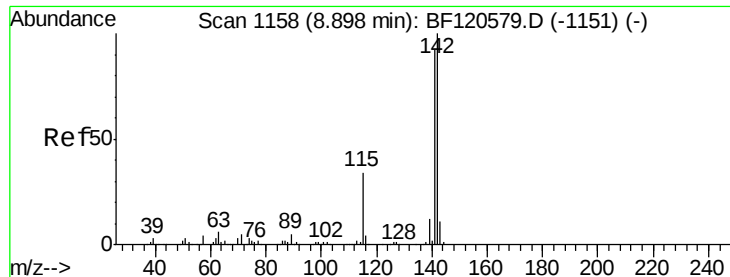
#37
 2-Methylnaphthalene
 Concen: 78.583 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.2
115	34.2	26.6	39.8



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





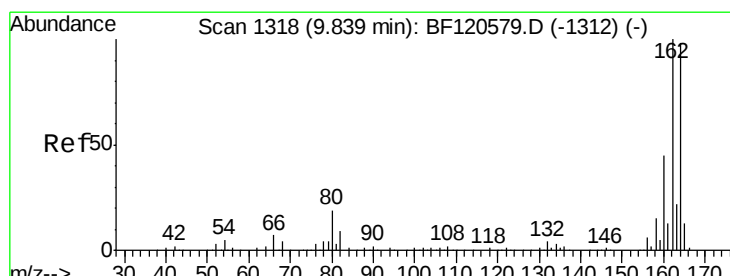
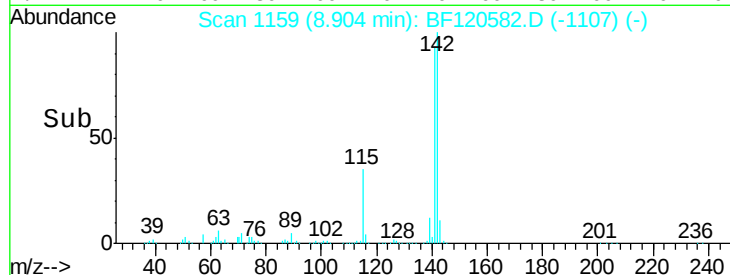
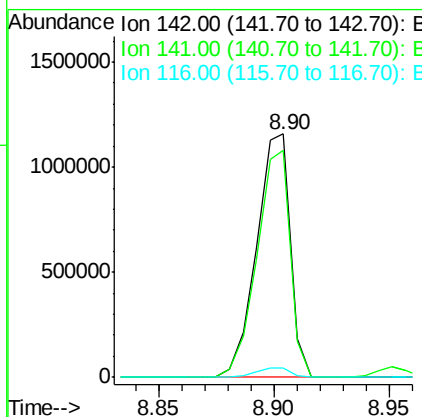
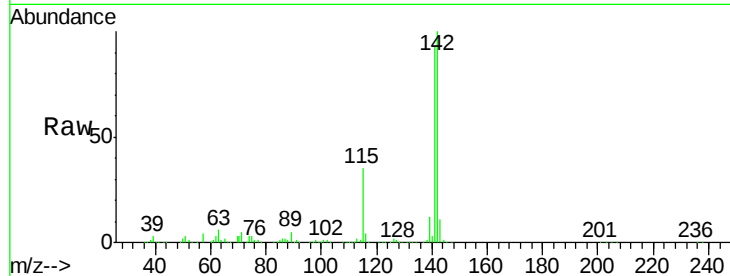
#38
1-Methylnaphthalene
Concen: 72.782 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:142 Resp: 1180904
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 3.6 2.9 4.3

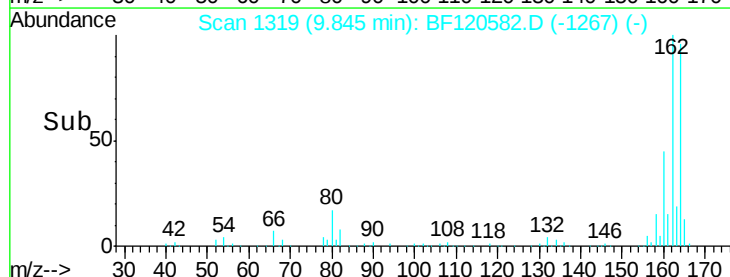
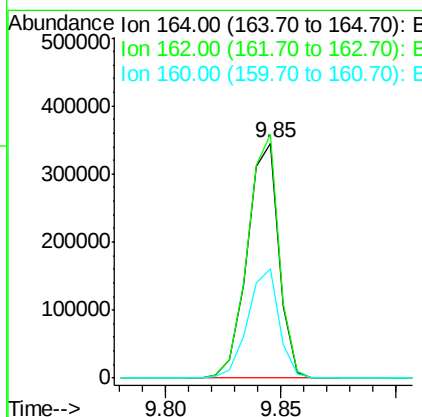
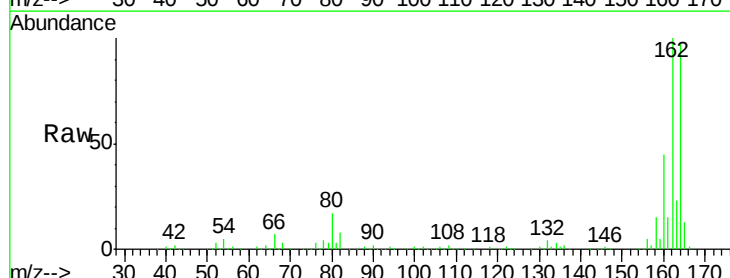
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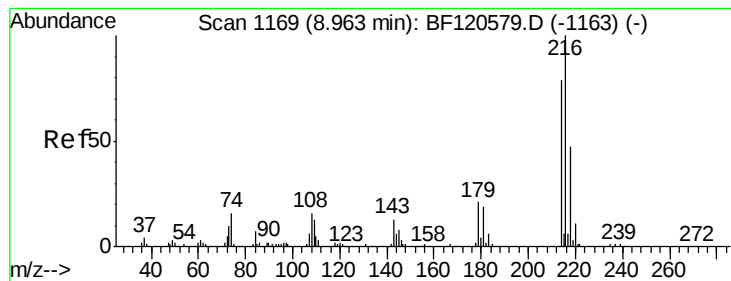
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:164 Resp: 331009
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 46.7 36.6 54.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 68.176 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

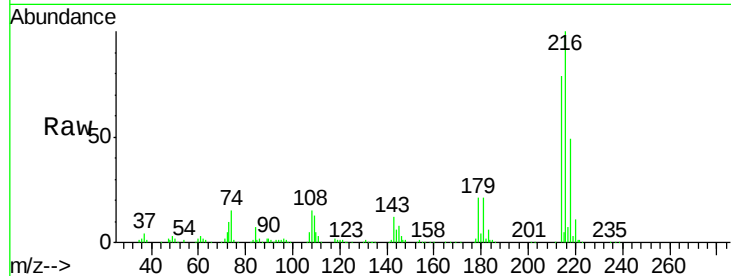
ClientSampleId :

SSTDICC080

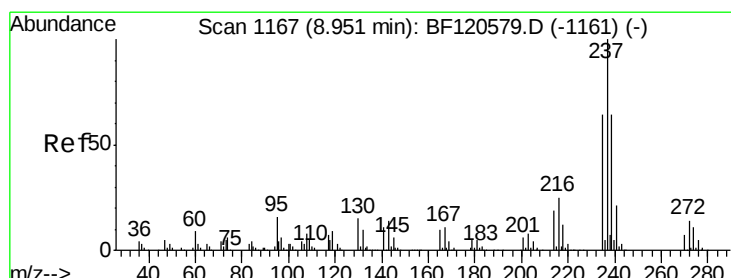
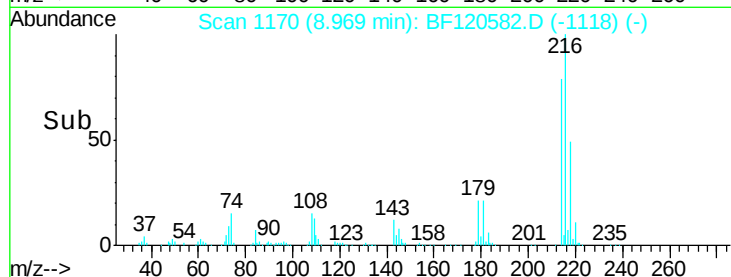
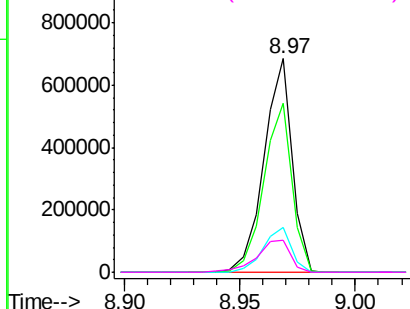
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	20.8	16.2	24.2
108	18.1	14.0	21.0

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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: 78.026 ng

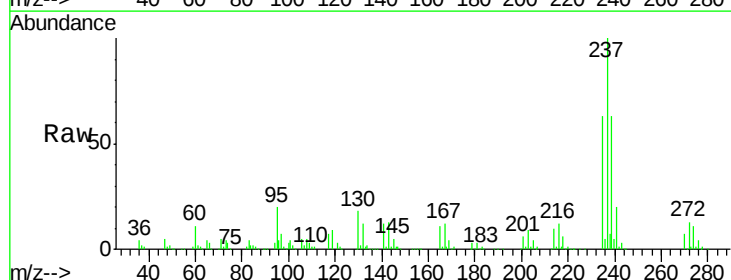
RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

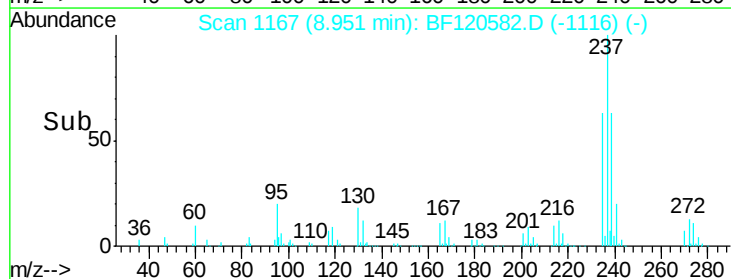
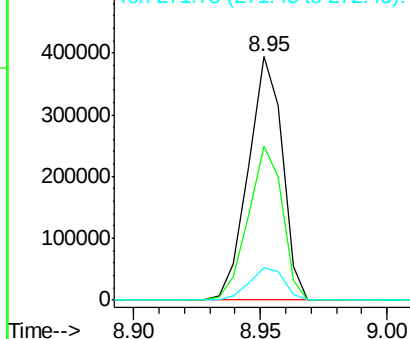
Lab File: BF120582.D

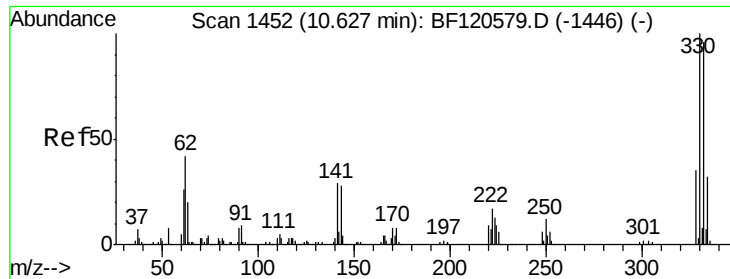
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.2	84.2
272	13.3	0.0	34.0



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





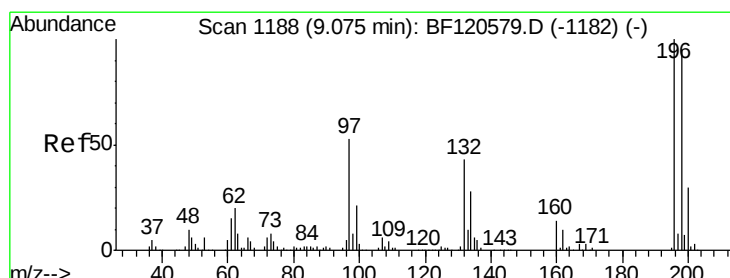
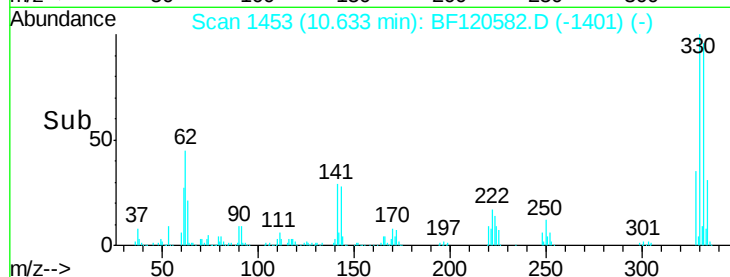
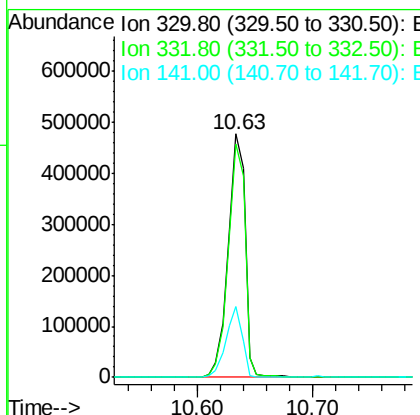
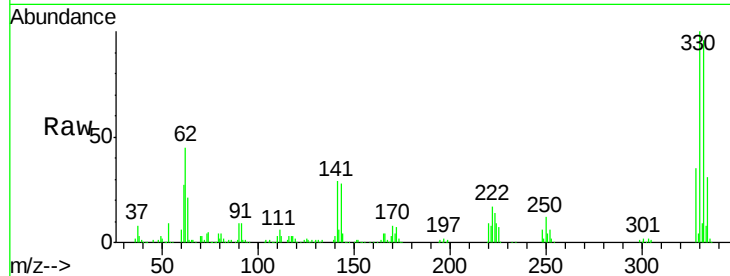
#42
 2,4,6-Tribromophenol
 Concen: 158.992 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	28.2	23.5	35.3

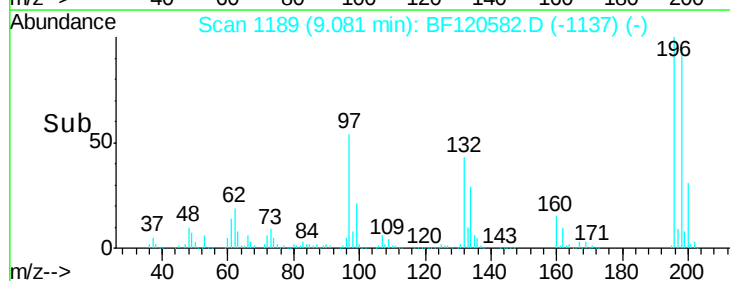
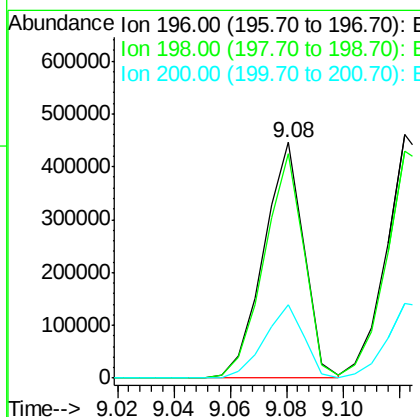
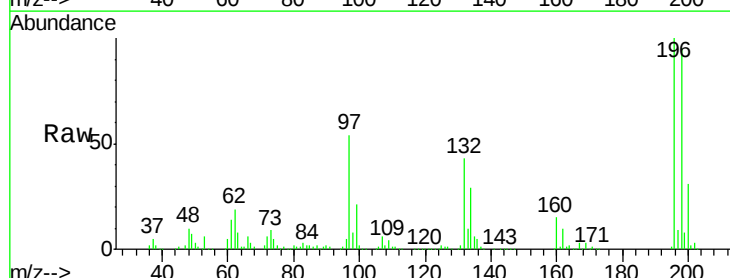
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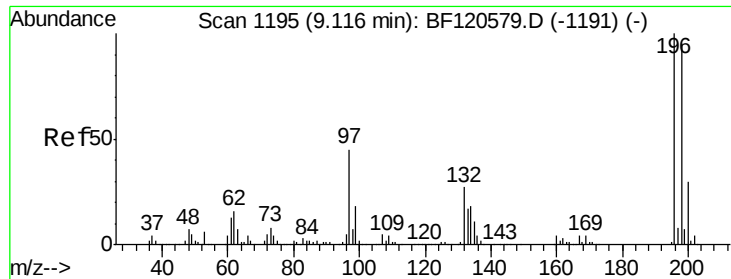
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#43
 2,4,6-Trichlorophenol
 Concen: 71.657 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
200	31.0	24.2	36.4





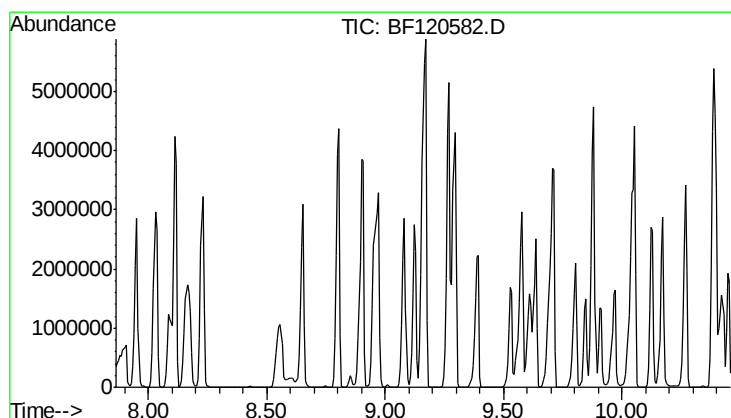
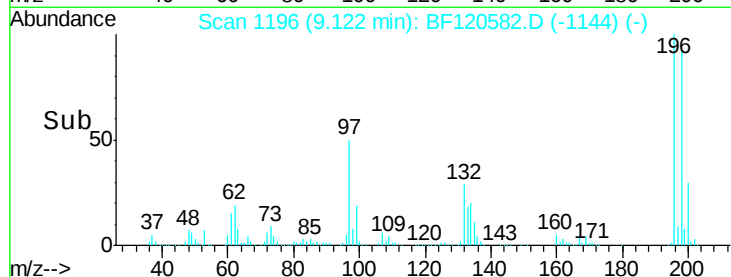
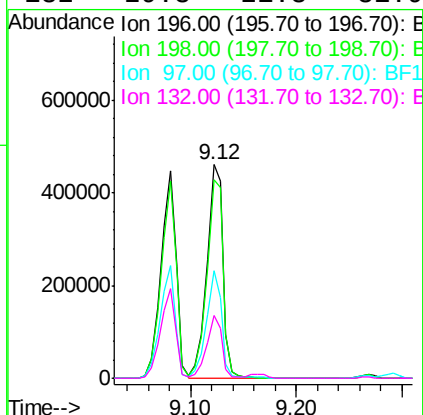
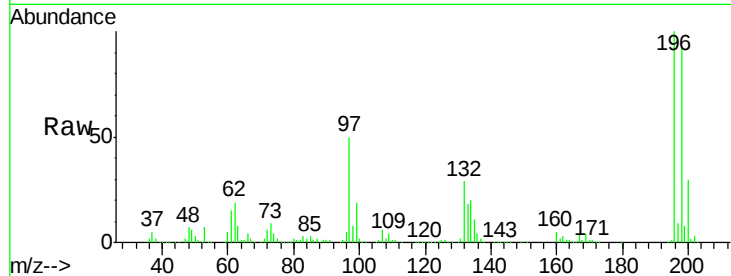
#44
2,4,5-Trichlorophenol
Concen: 70.455 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
490301	196	100			
	198	93.2		76.2	114.4
	97	50.2		36.2	54.4
	132	29.3		21.3	31.9

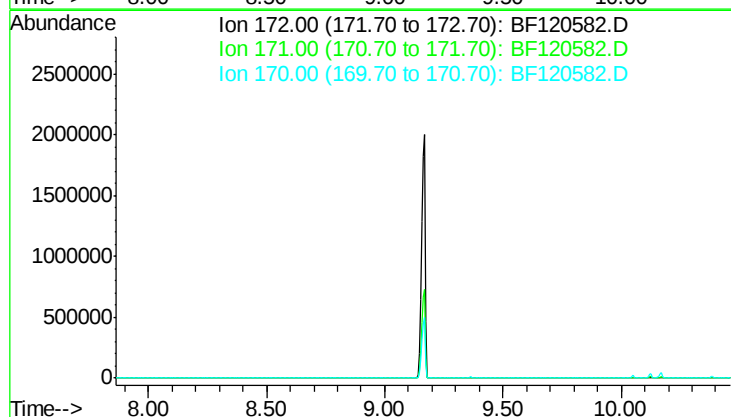
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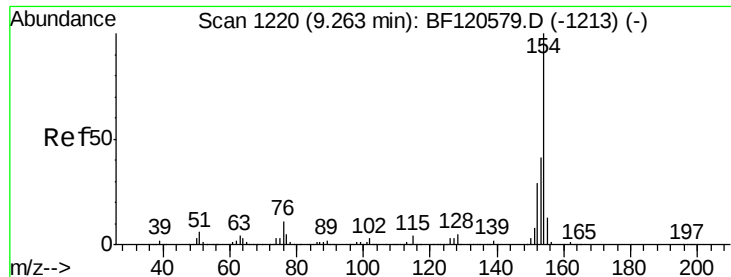
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#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.16 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Exp Ratio
172	100
171	36.2
170	24.4





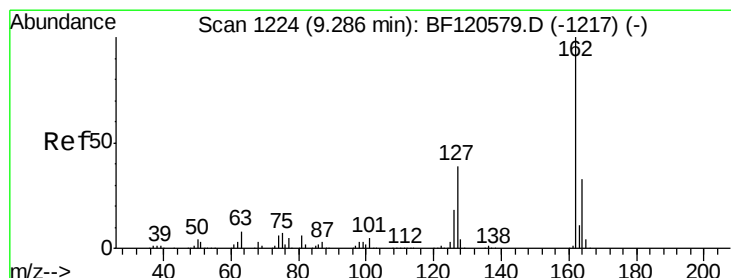
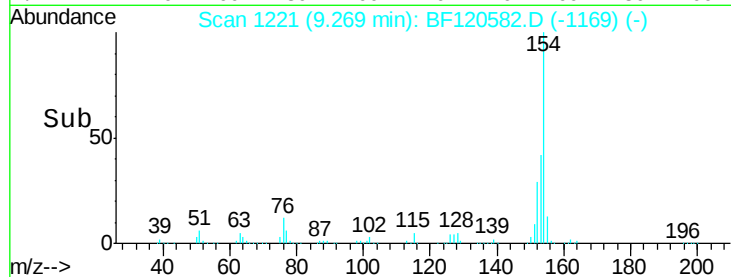
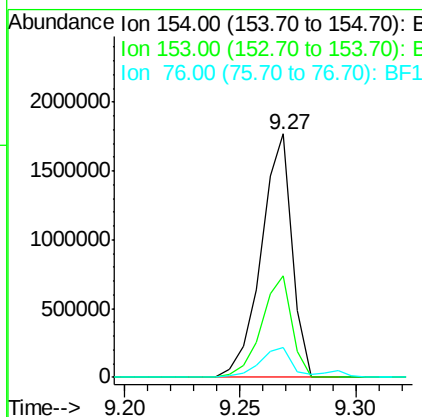
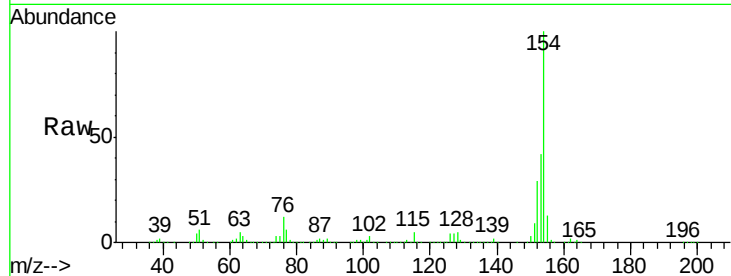
#46
 1,1'-Biphenyl
 Concen: 75.492 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	12.0	0.0	31.4

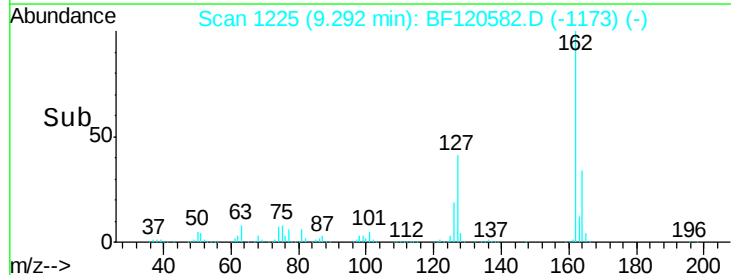
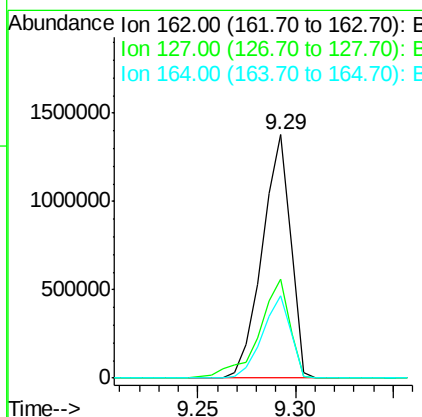
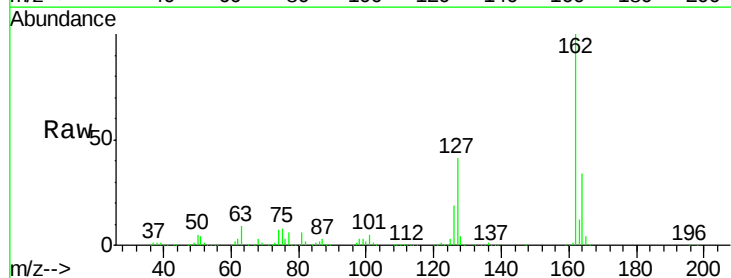
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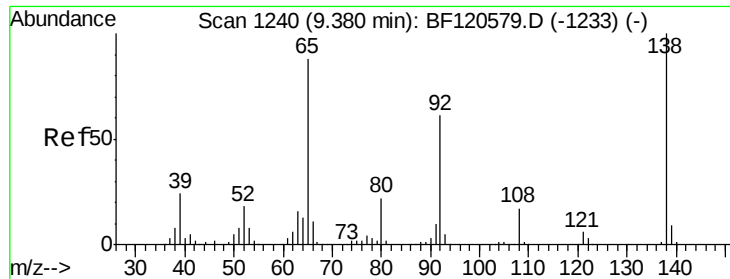
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#47
 2-Chloronaphthalene
 Concen: 77.563 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	34.0	26.6	39.8





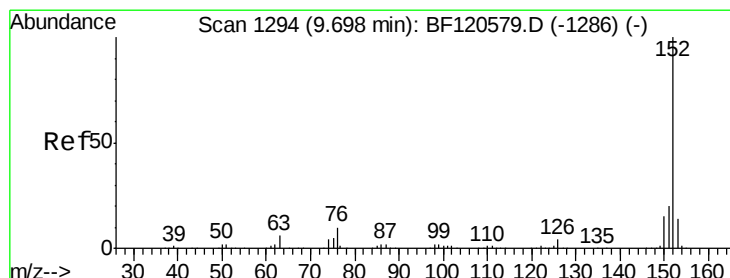
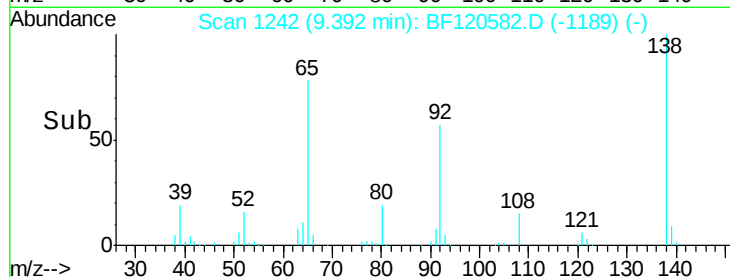
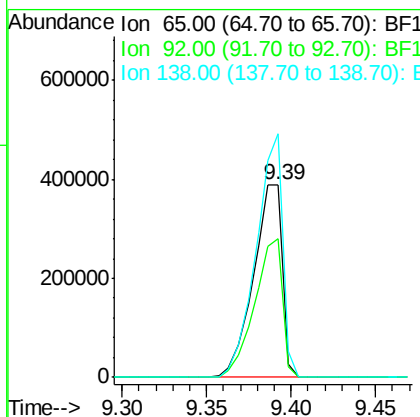
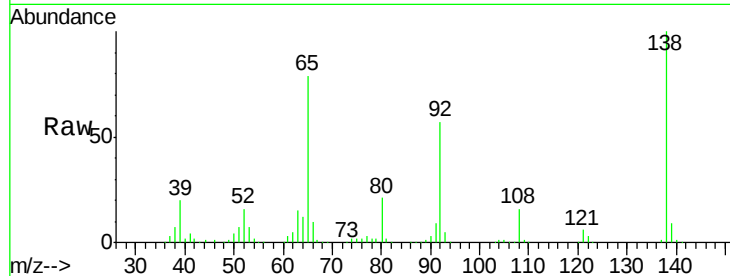
#48
 2-Nitroaniline
 Concen: 84.672 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		461776		
92	72.3	55.6	83.4		
138	126.5	91.2	136.8		

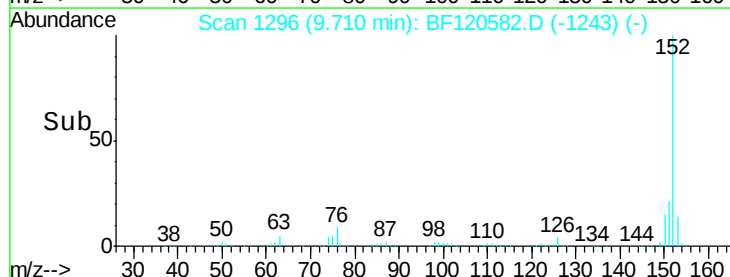
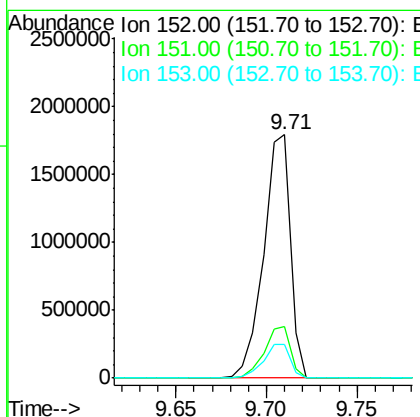
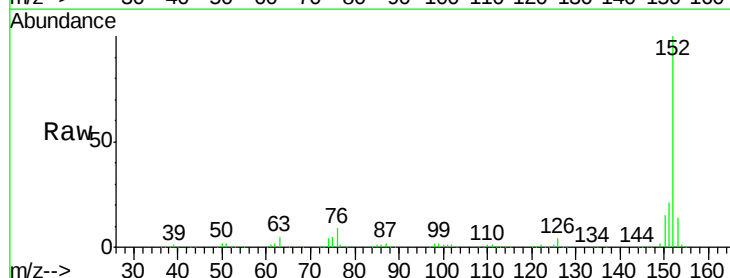
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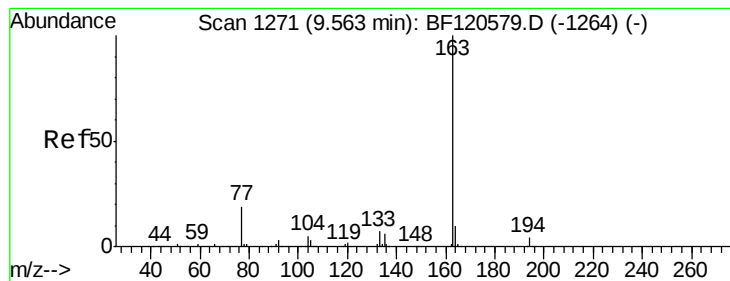
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#49
 Acenaphthylene
 Concen: 66.523 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		1840644		
151	21.0	16.3	24.5		
153	13.6	11.0	16.6		





#50

Dimethylphthalate

Concen: 79.523 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:163 Resp: 1645634

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

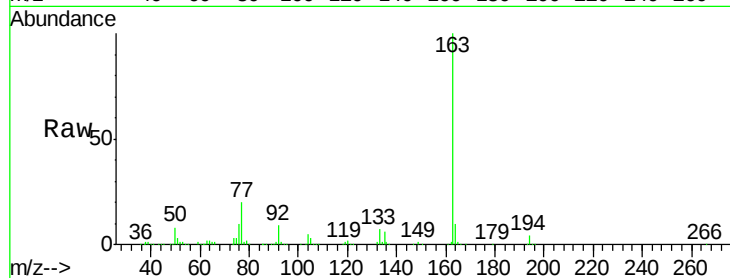
164 10.4 8.2 12.2

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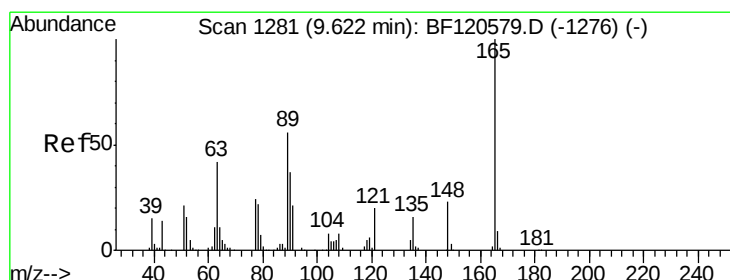
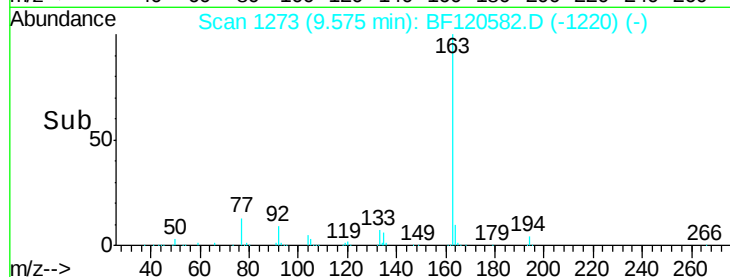
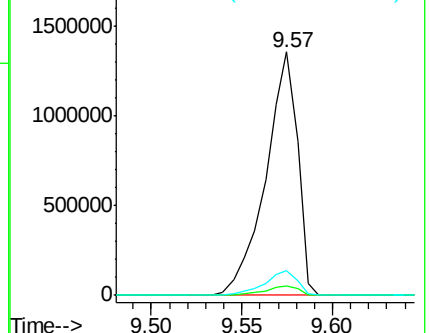
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 75.550 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

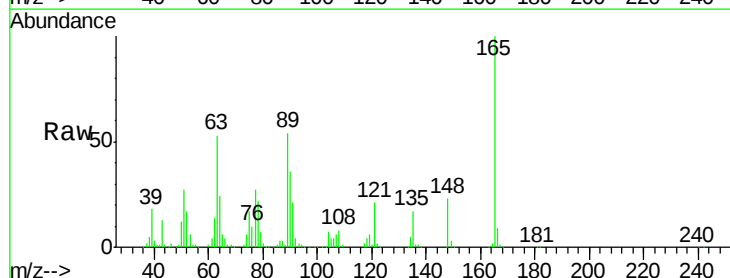
Tgt Ion:165 Resp: 347441

Ion Ratio Lower Upper

165 100

63 53.0 43.8 65.8

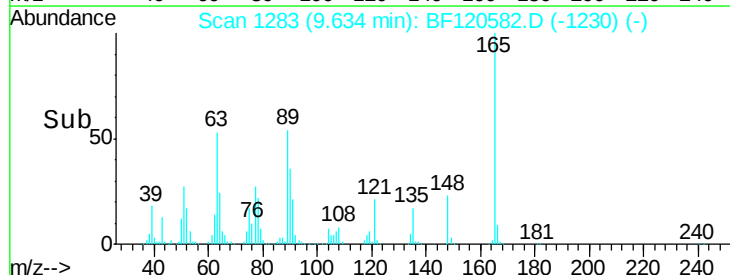
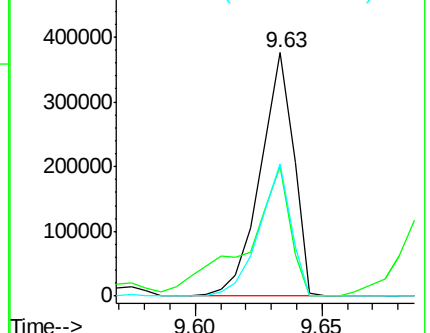
89 54.2 44.9 67.3

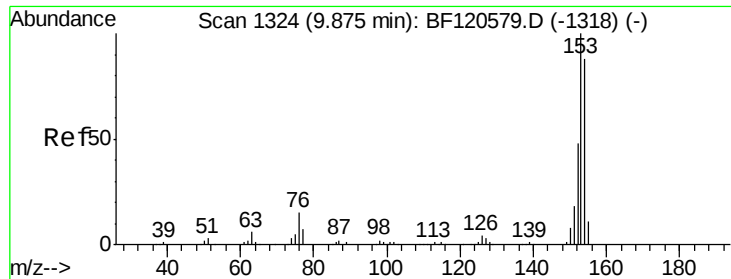


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 66.265 ng/mL

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1144319

Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

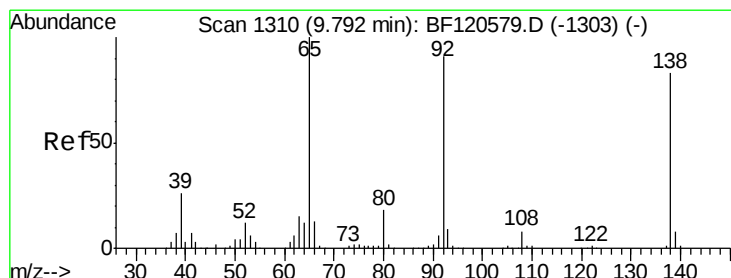
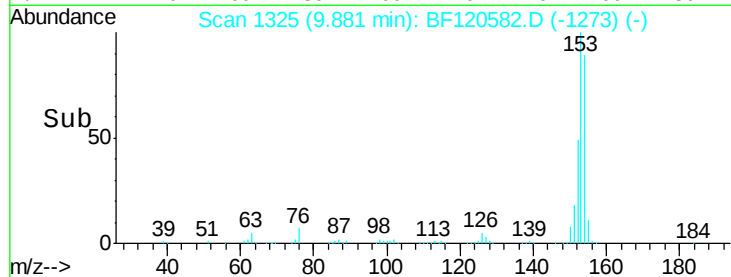
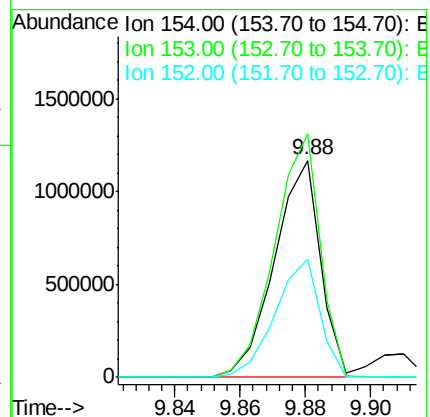
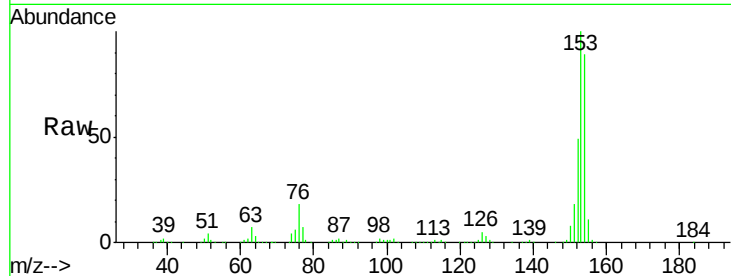
152 54.5 43.0 64.6

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#53

3-Nitroaniline

Concen: 75.062 ng/mL

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

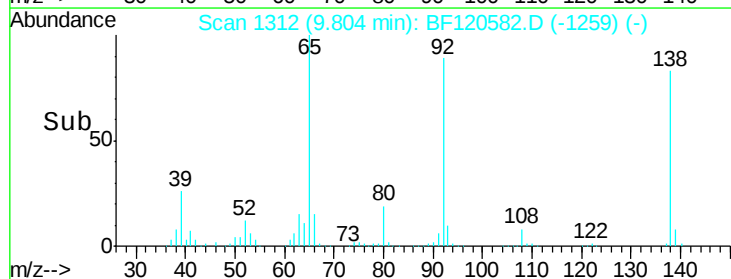
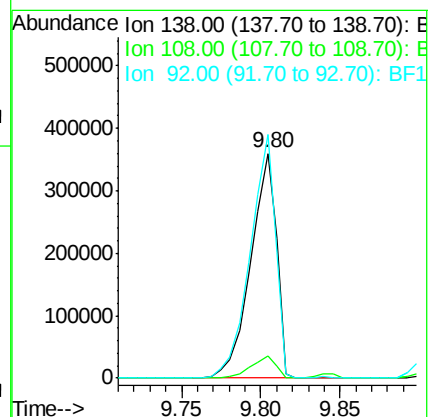
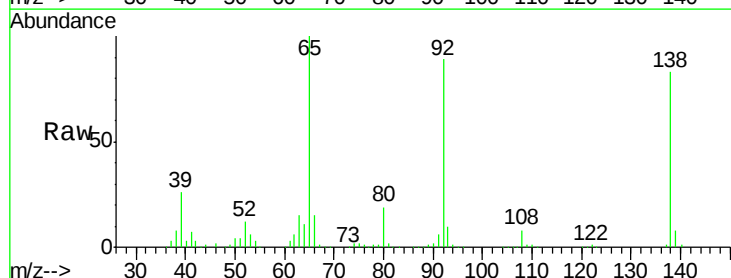
Tgt Ion:138 Resp: 405358

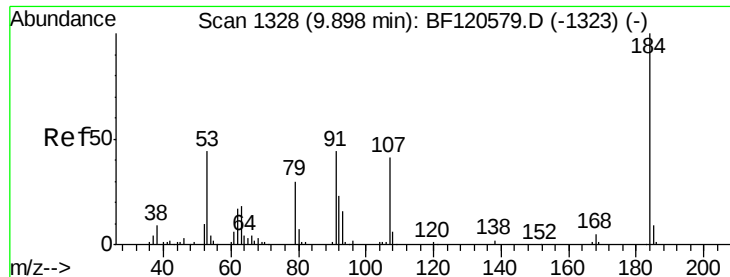
Ion Ratio Lower Upper

138 100

108 9.9 7.7 11.5

92 108.2 87.4 131.0





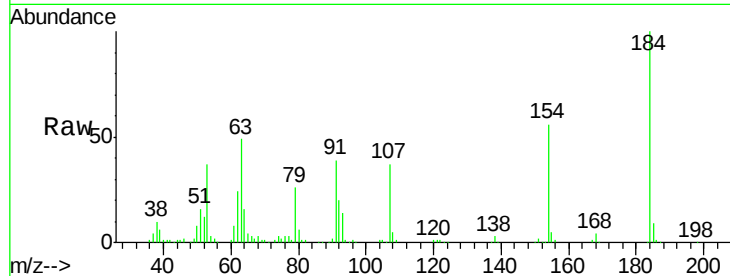
#54
2,4-Dinitrophenol
Concen: 142.130 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

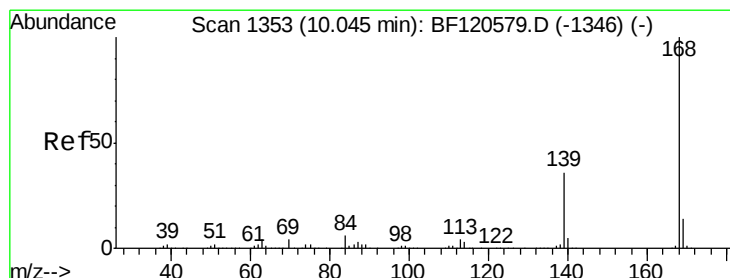
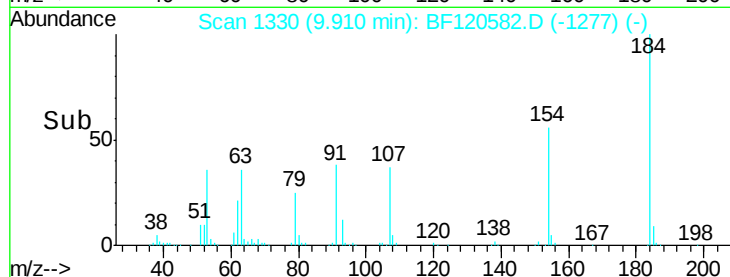
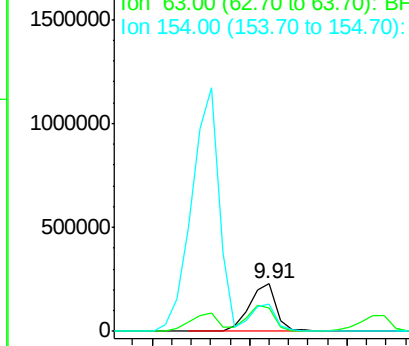
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.8	46.2	69.4	
154	56.3	45.9	68.9	

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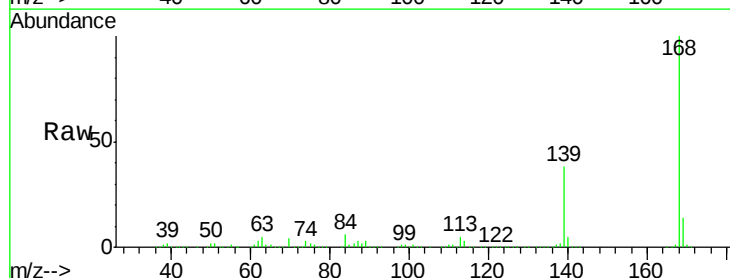


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

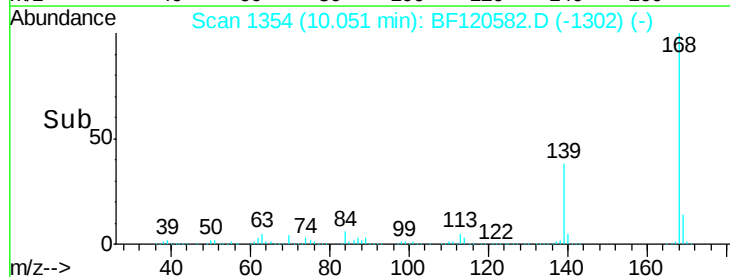
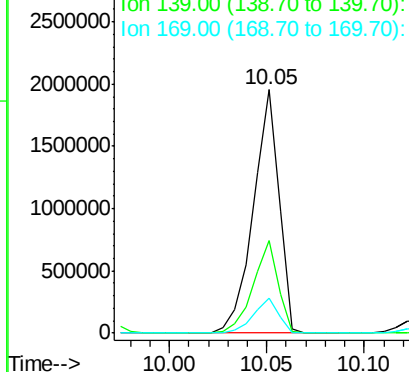


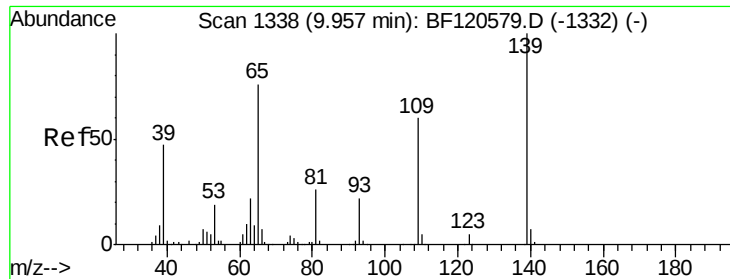
#55
Dibenzofuran
Concen: 71.055 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	29.1	43.7	
169	14.2	11.0	16.6	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





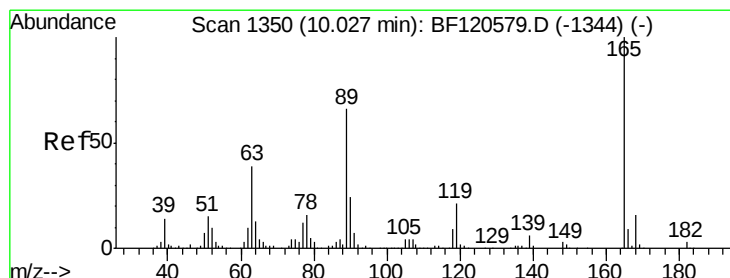
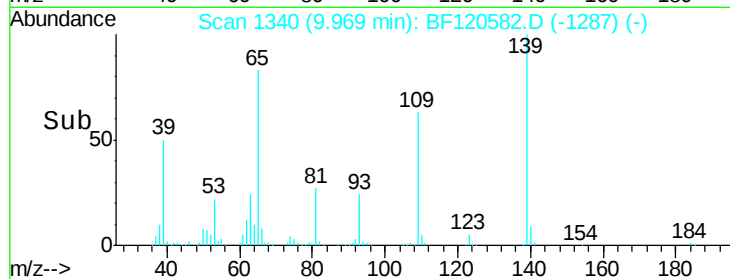
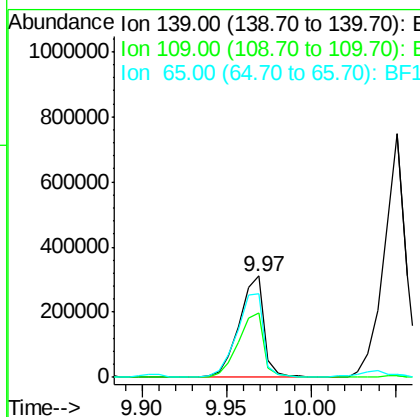
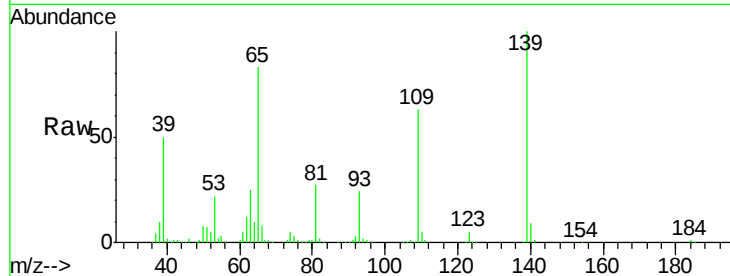
#56
4-Nitrophenol
Concen: 77.823 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.5	39.8	79.8	
65	83.0	56.2	96.2	

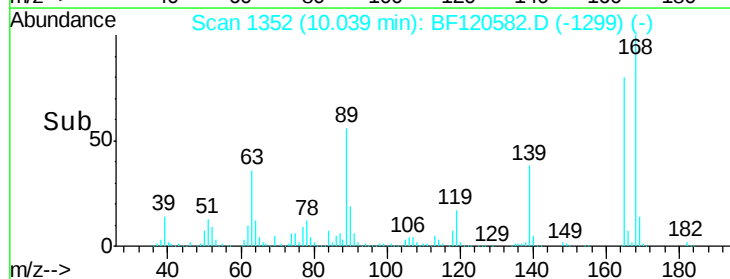
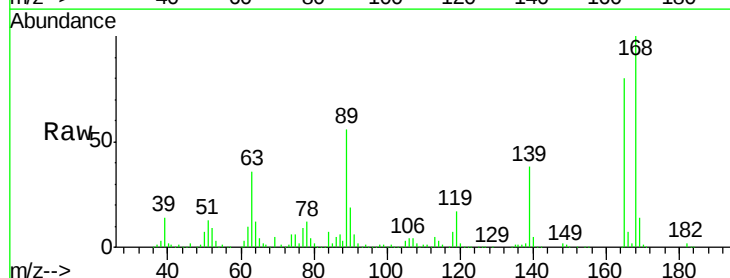
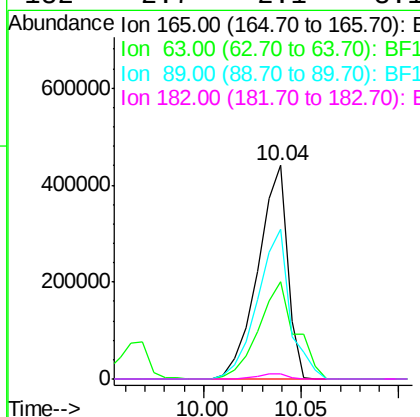
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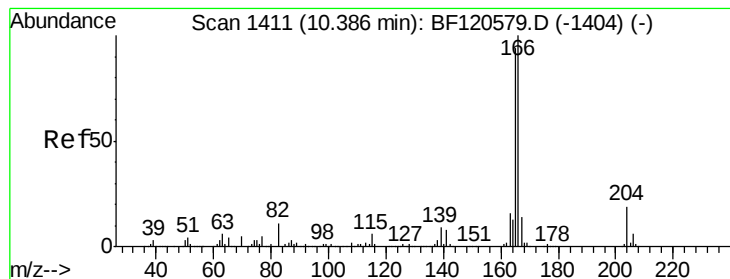
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#57
2,4-Dinitrotoluene
Concen: 78.757 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.3	31.1	46.7	
89	69.8	52.6	79.0	
182	2.7	2.1	3.1	





#58

Fluorene

Concen: 67.743 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 1275741

Ion Ratio Lower Upper

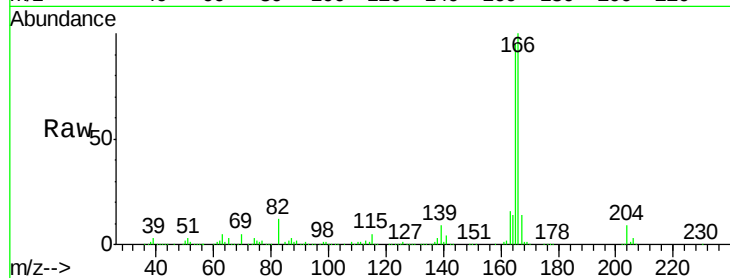
166 100

165 94.7 74.8 112.2

167 13.9 11.2 16.8

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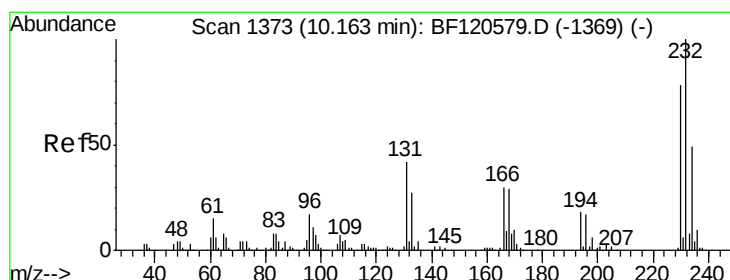
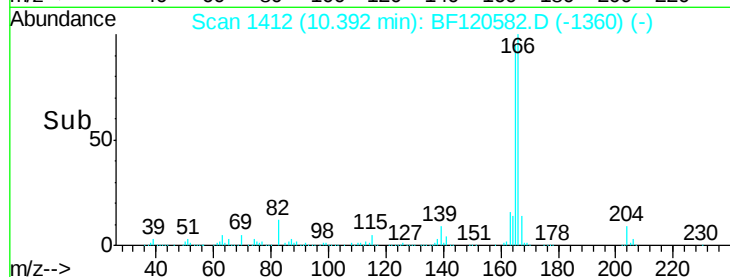
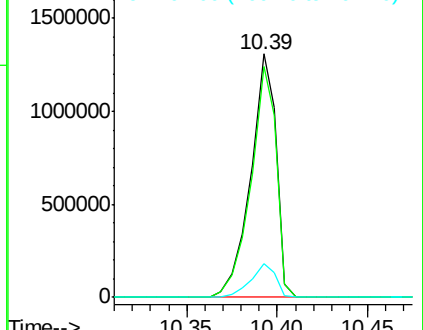
mohammad
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 70.693 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion:232 Resp: 383350

Ion Ratio Lower Upper

232 100

131 42.1 33.1 49.7

130 2.1 1.6 2.4

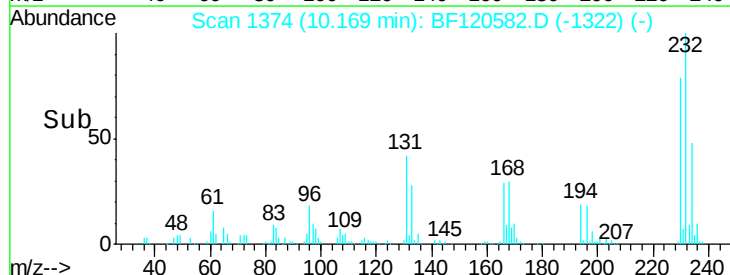
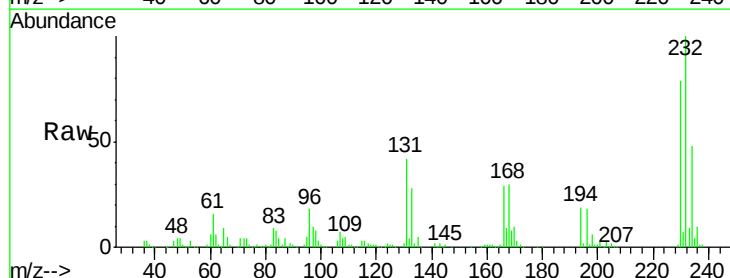
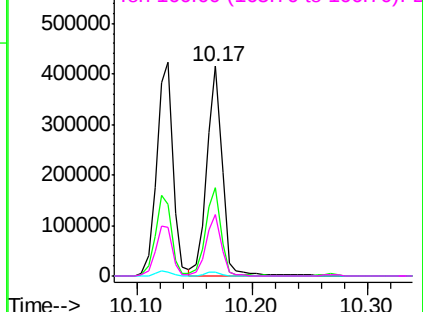
166 28.8 23.1 34.7

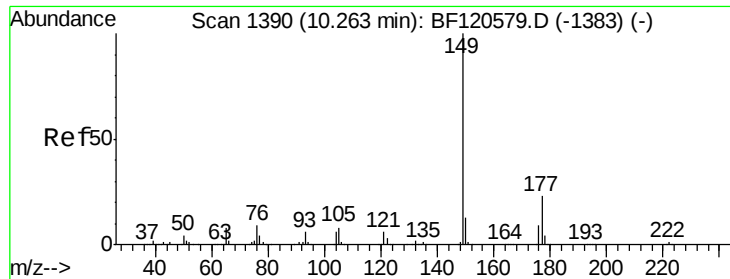
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





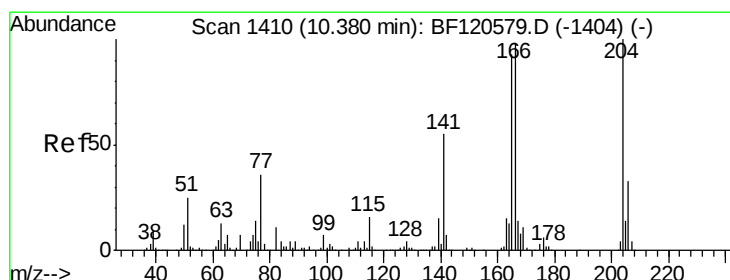
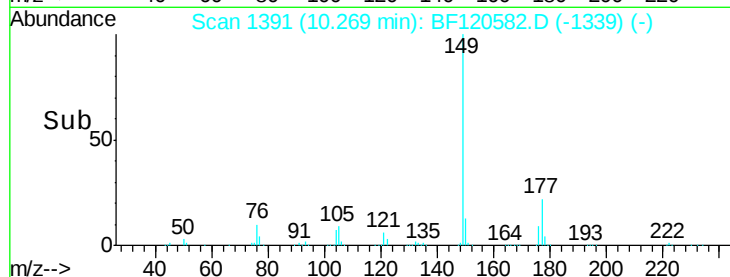
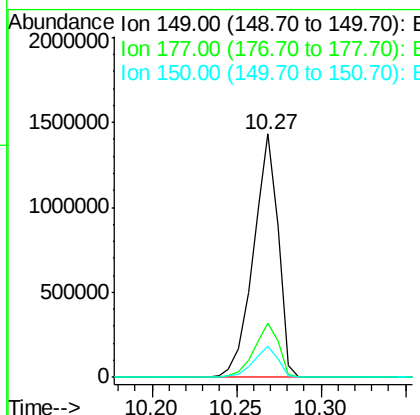
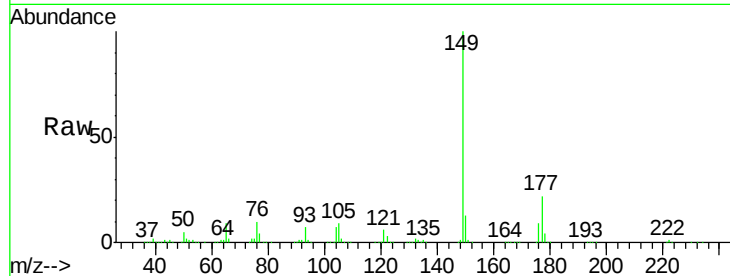
#60
Diethylphthalate
Concen: 69.864 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.2
150	12.8	10.1	15.1

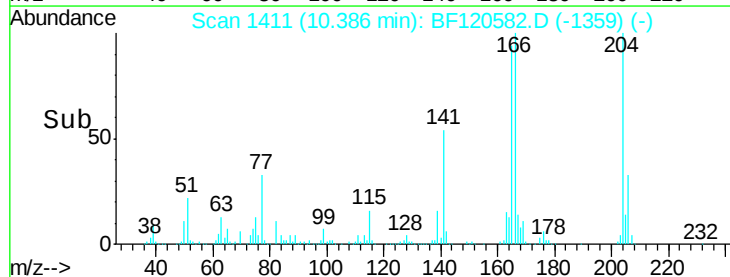
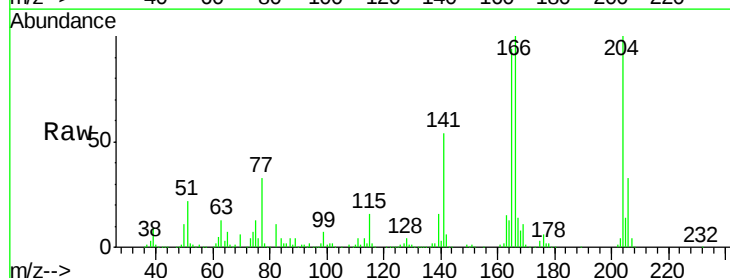
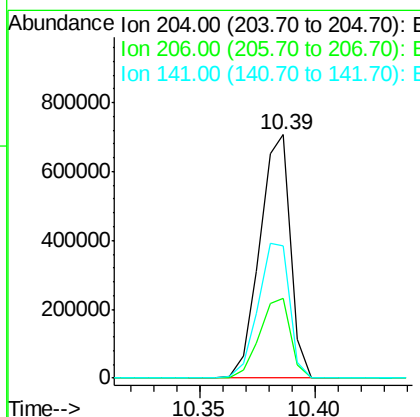
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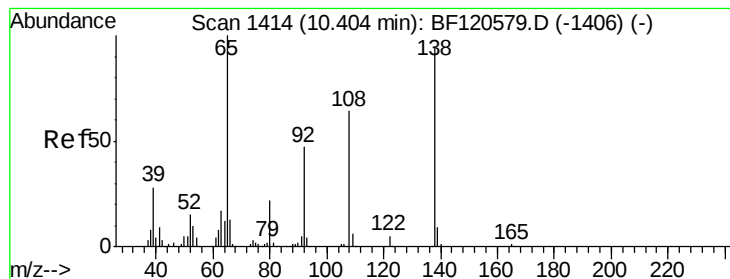
mohammad
6/10/2020 11:51:00 AM



#61
4-Chlorophenyl-phenylether
Concen: 64.241 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	54.4	44.2	66.2





#62

4-Nitroaniline

Concen: 82.112 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:138 Resp: 418627

Ion Ratio Lower Upper

138 100

92 46.4 29.6 69.6

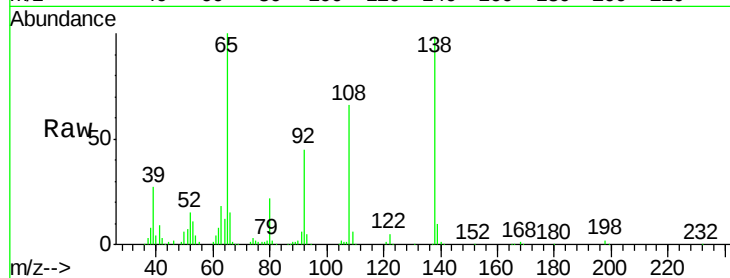
108 67.8 47.9 87.9

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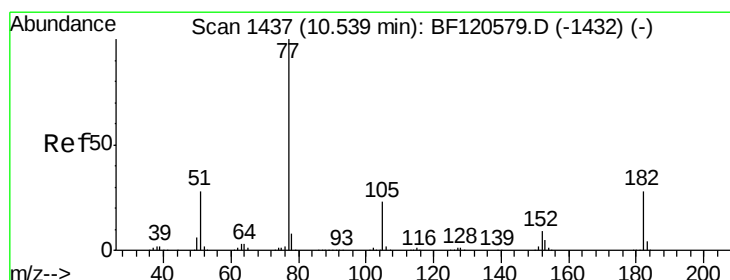
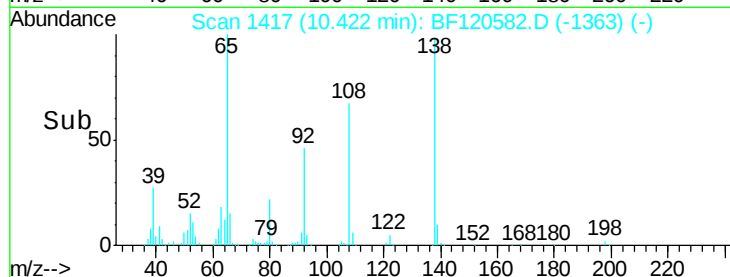
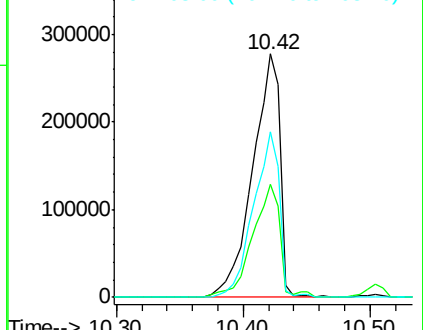
6/10/2020 11:51:00 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 71.673 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion: 77 Resp: 1409793

Ion Ratio Lower Upper

77 100

182 27.5 7.5 47.5

105 23.9 3.3 43.3

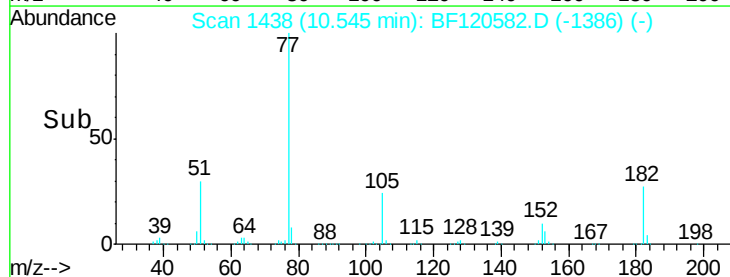
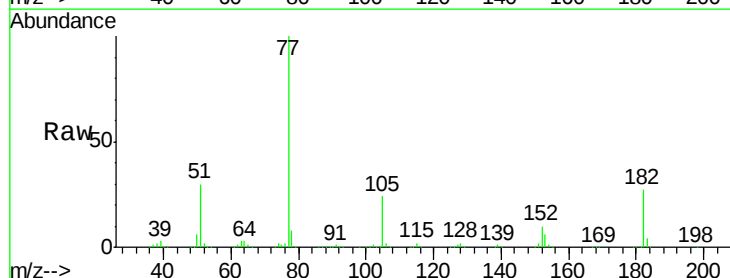
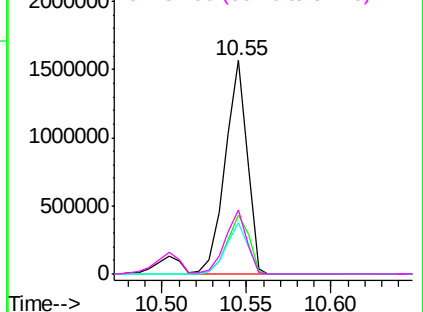
51 30.0 8.6 48.6

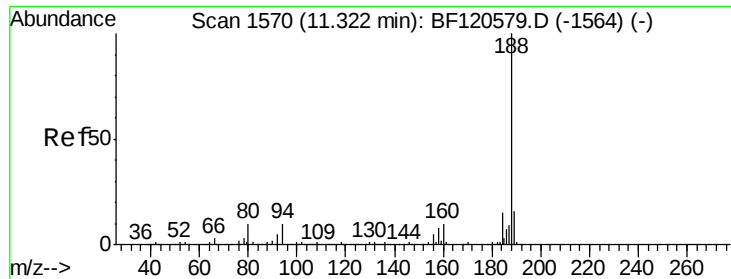
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





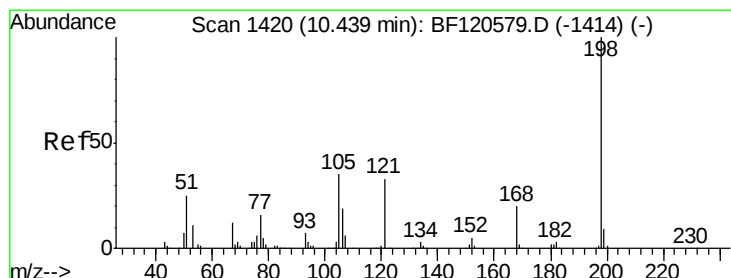
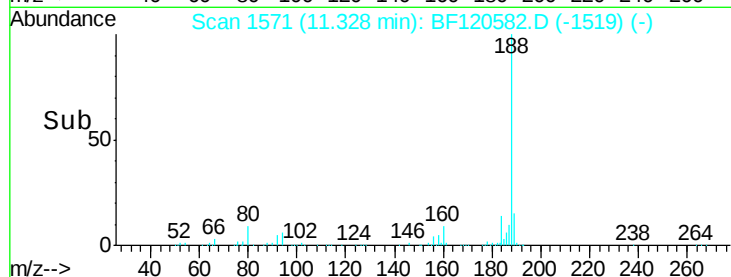
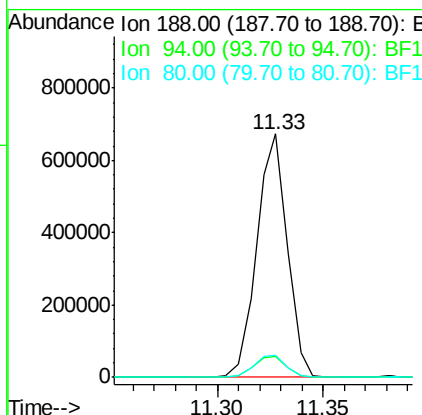
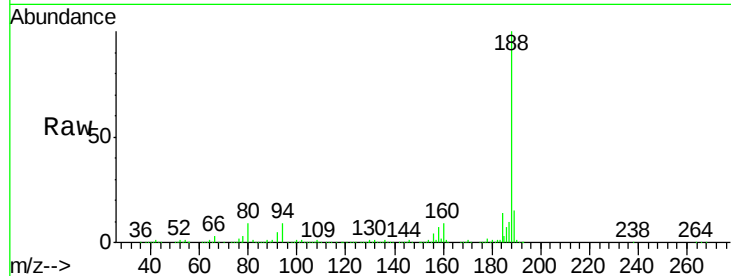
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	675244		
94	8.7		7.7	11.5
80	9.1		8.1	12.1

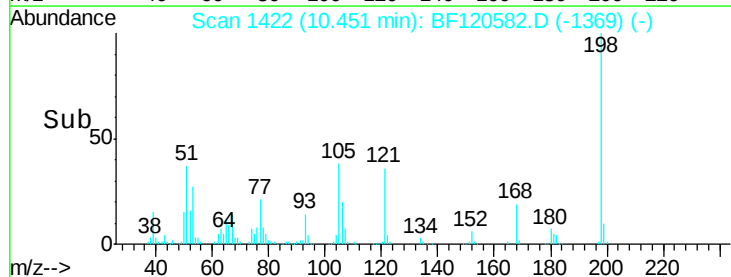
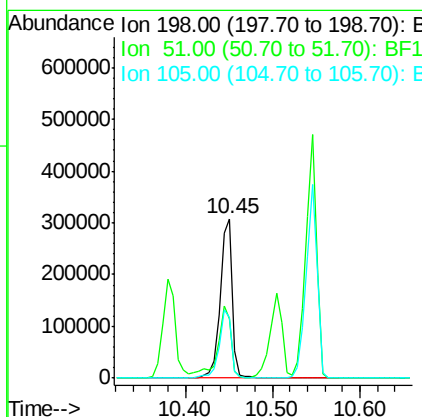
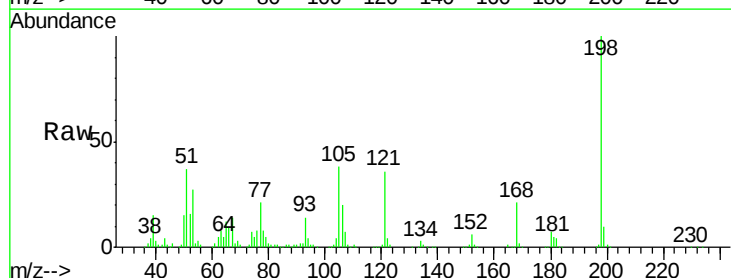
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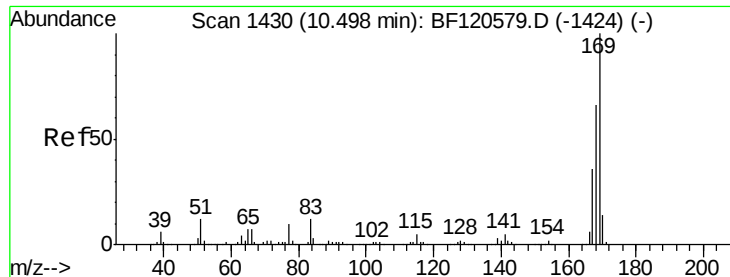
mohammad
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#65
4,6-Dinitro-2-methylphenol
Concen: 118.854 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	292727		
51	36.9		12.3	52.3
105	38.0		15.8	55.8





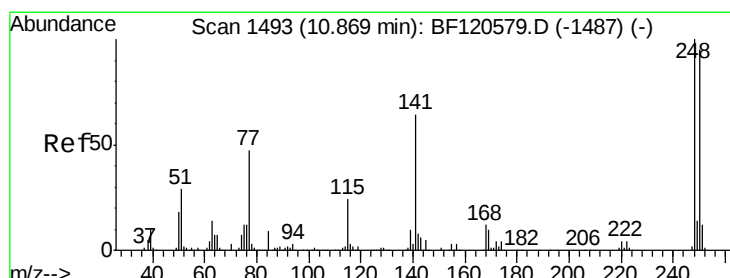
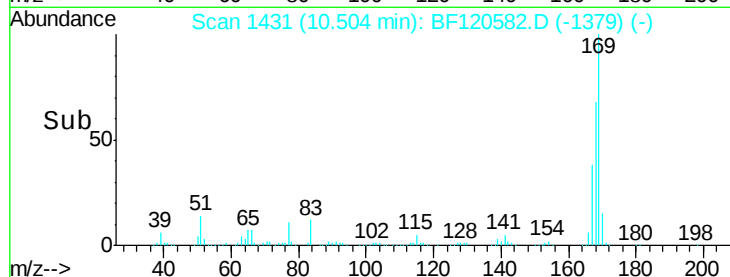
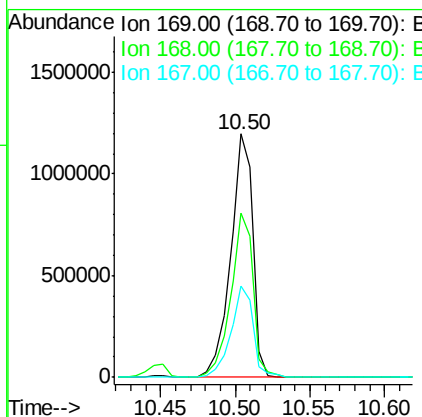
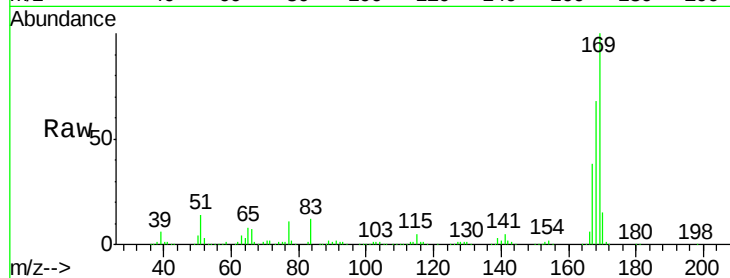
#66
n-Nitrosodiphenylamine
Concen: 66.449 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:169 Resp: 1246385
Ion Ratio Lower Upper
169 100
168 67.6 52.9 79.3
167 37.7 29.2 43.8

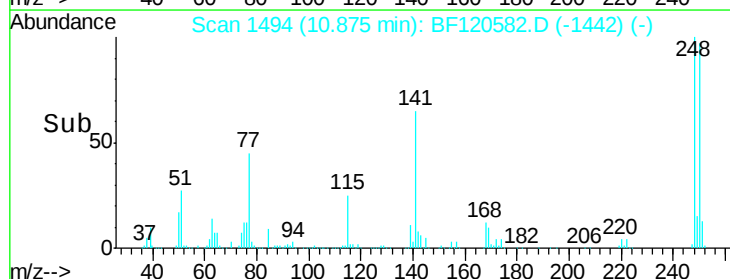
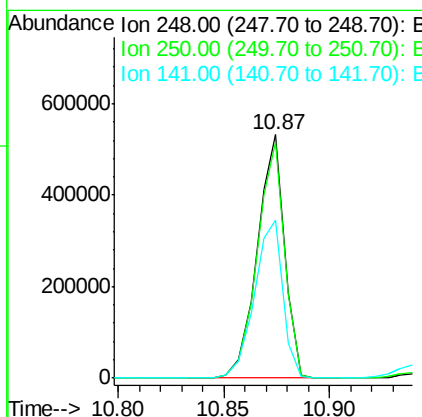
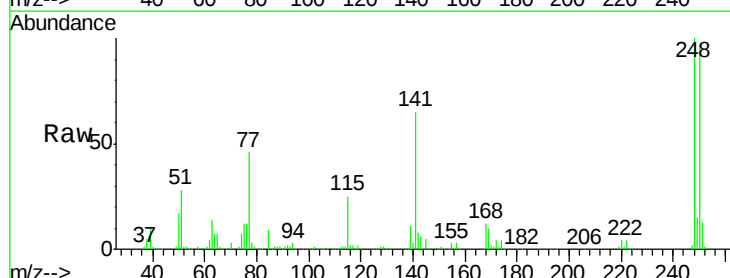
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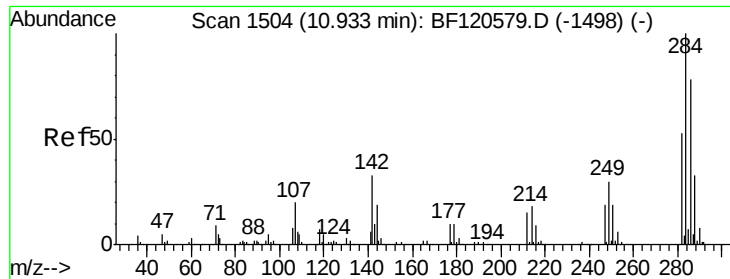
mohammad
6/10/2020 11:51:00 AM



#67
4-Bromophenyl-phenylether
Concen: 69.949 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:248 Resp: 476772
Ion Ratio Lower Upper
248 100
250 96.9 75.8 113.8
141 65.0 51.3 76.9





#68

Hexachlorobenzene

Concen: 71.960 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

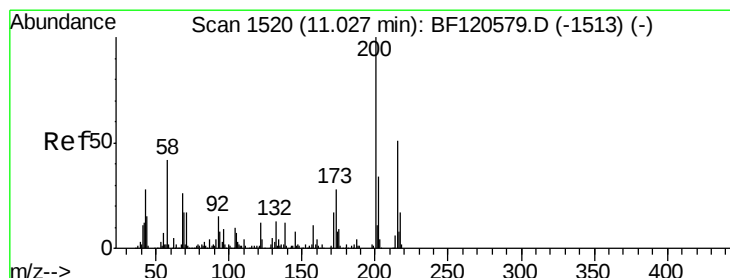
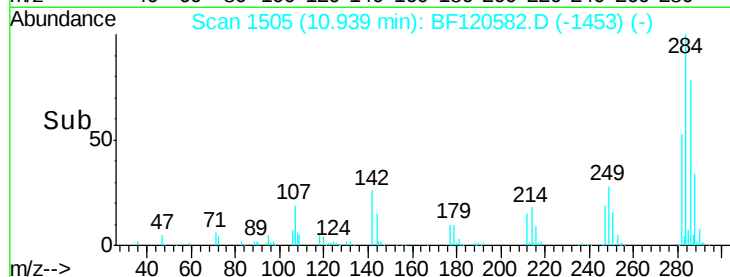
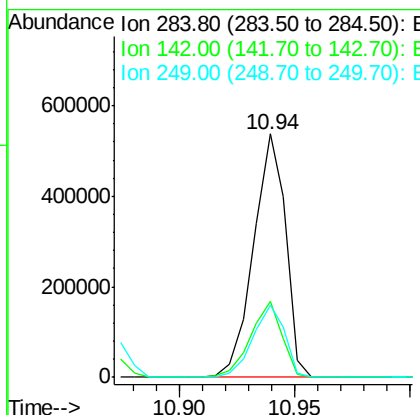
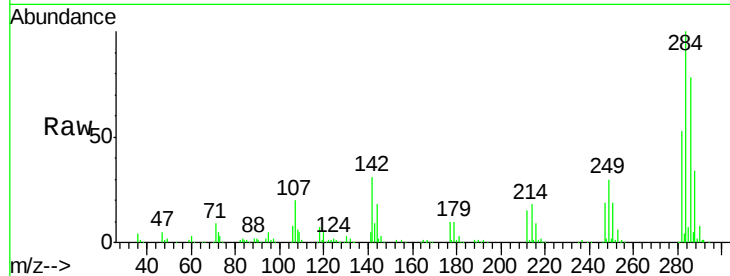
ClientSampleId :

SSTDIC080

Tot Ion:	284	Resp:	522337
Ion Ratio	Lower	Upper	
284	100		
142	30.9	26.5	39.7
249	29.6	24.1	36.1

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#69

Atrazine

Concen: 57.344 ng

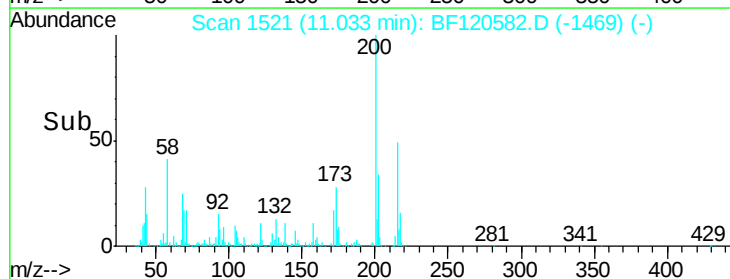
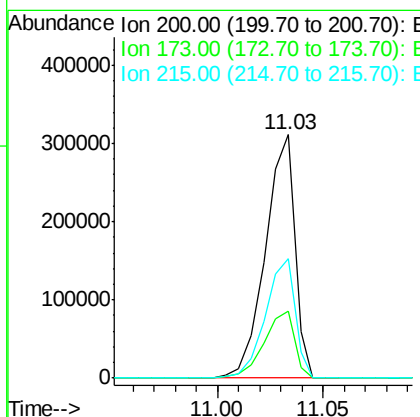
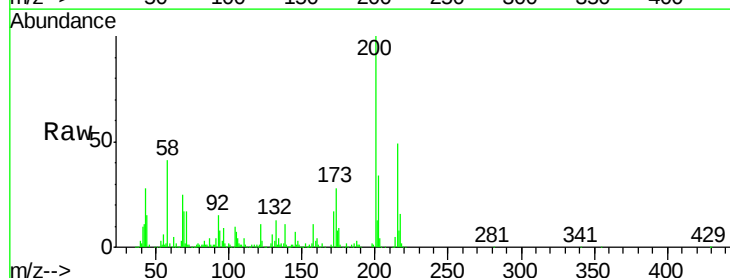
RT: 11.03 min Scan# 1521

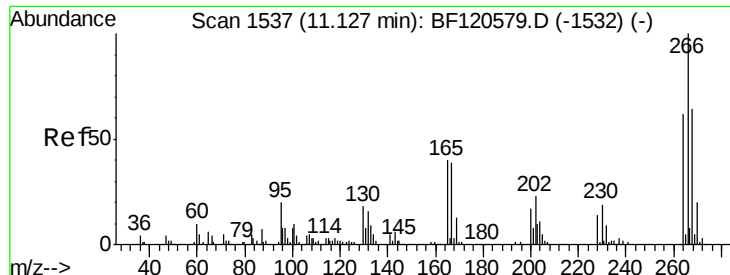
Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion:	200	Resp:	303171
Ion Ratio	Lower	Upper	
200	100		
173	27.6	7.9	47.9
215	48.9	31.2	71.2





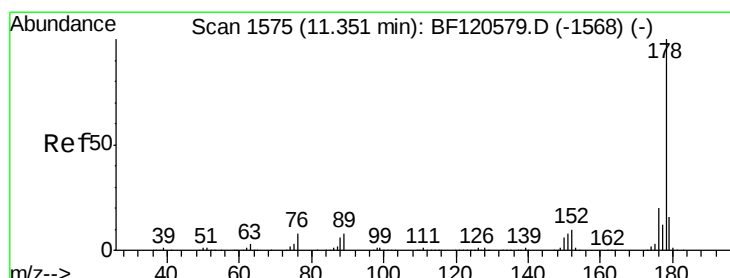
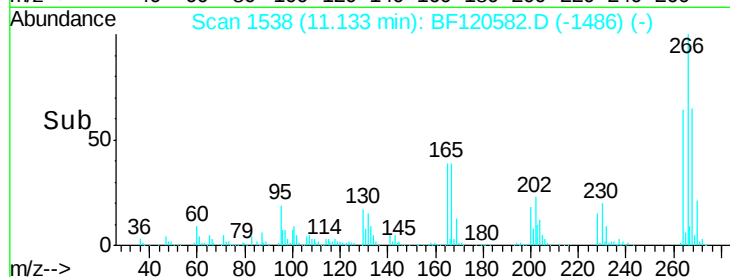
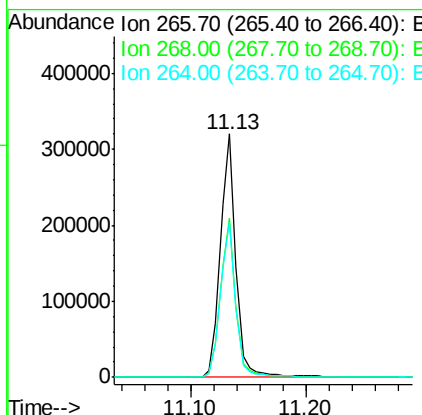
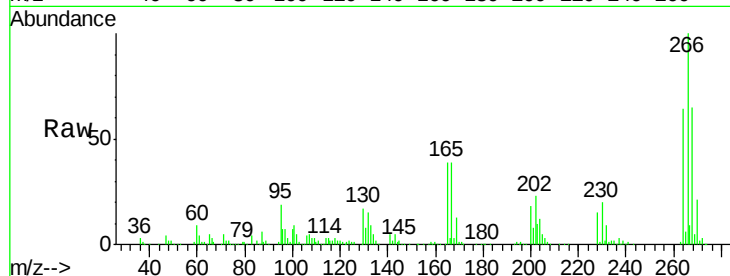
#70
 Pentachlorophenol
 Concen: 67.619 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.3	76.9
264	63.8	49.4	74.2

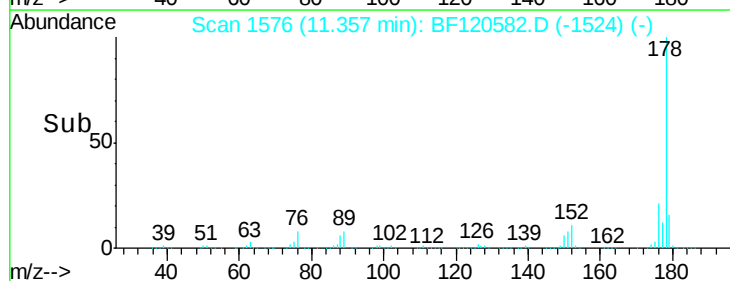
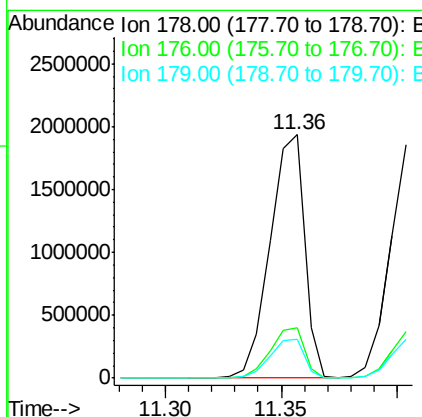
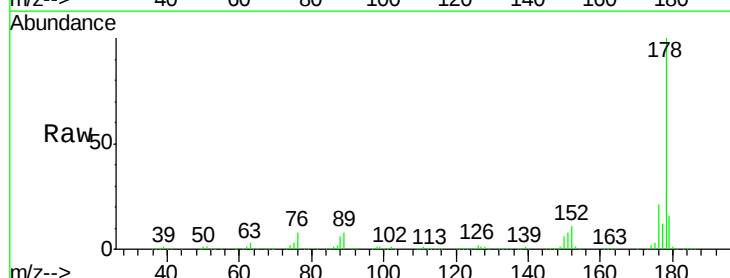
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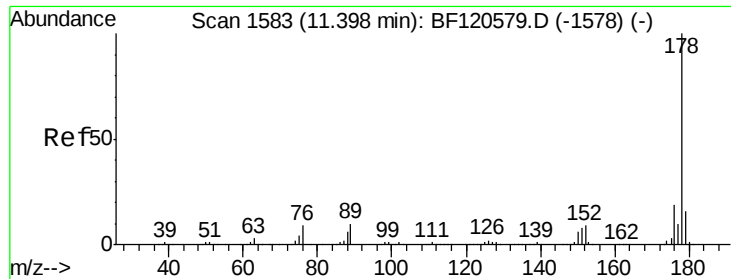
mohammad
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#71
 Phenanthrene
 Concen: 67.653 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	15.9	12.6	18.8





#72

Anthracene

Concen: 68.280 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 2038337

Ion Ratio Lower Upper

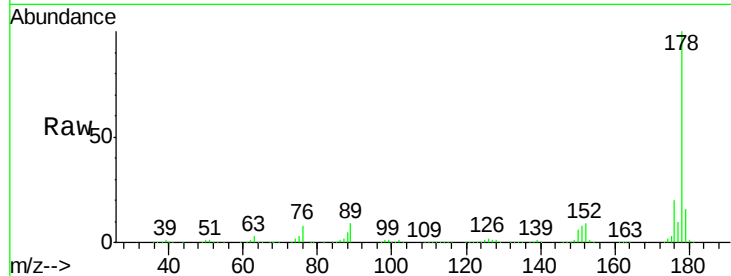
178 100

176 20.1 15.3 22.9

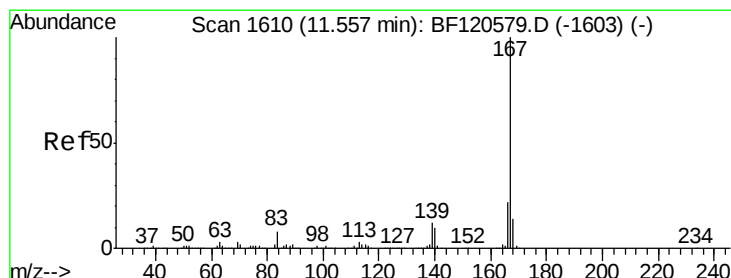
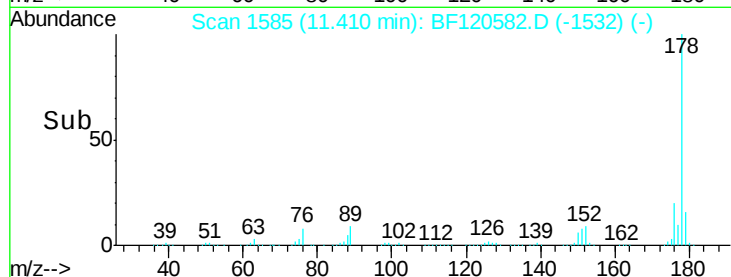
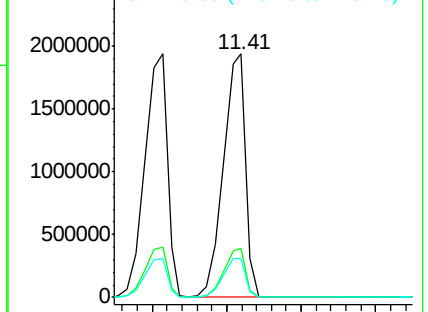
179 16.1 12.7 19.1

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



#73

Carbazole

Concen: 69.835 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

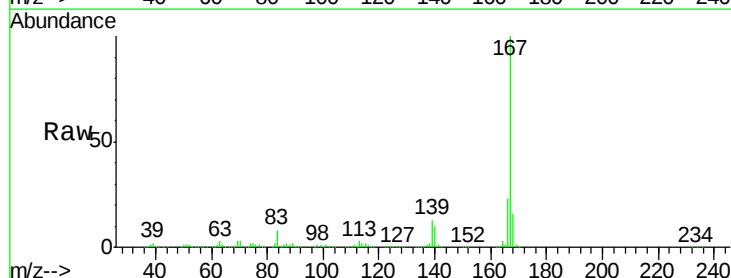
Tgt Ion:167 Resp: 2016431

Ion Ratio Lower Upper

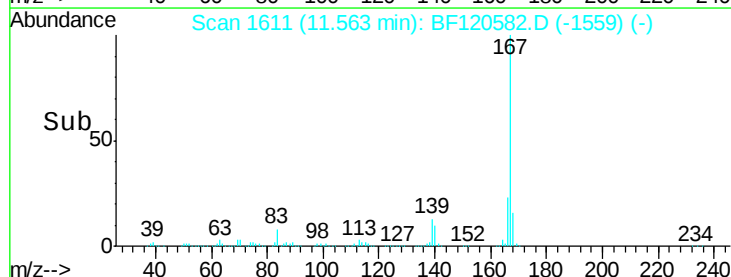
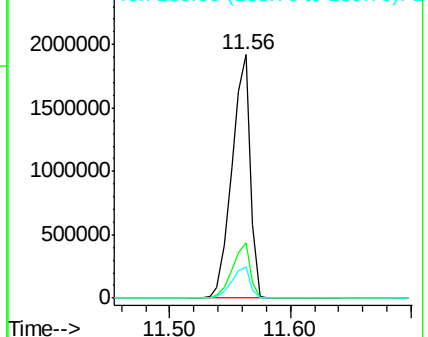
167 100

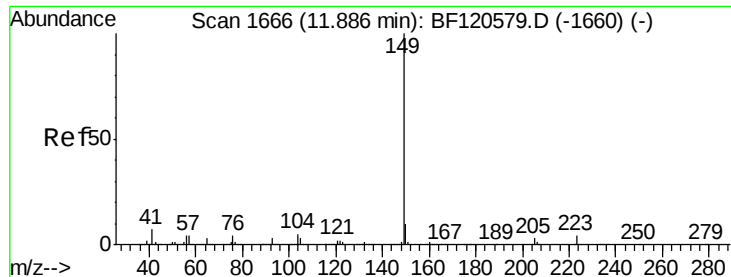
166 22.7 17.8 26.8

139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 66.859 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2245684

Ion Ratio Lower Upper

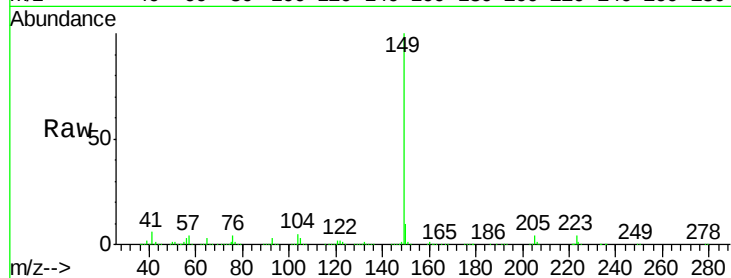
149 100

150 9.9 7.8 11.8

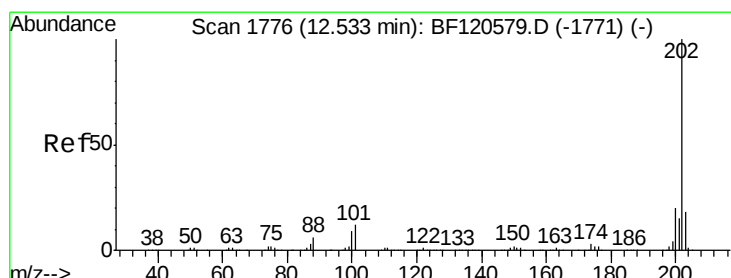
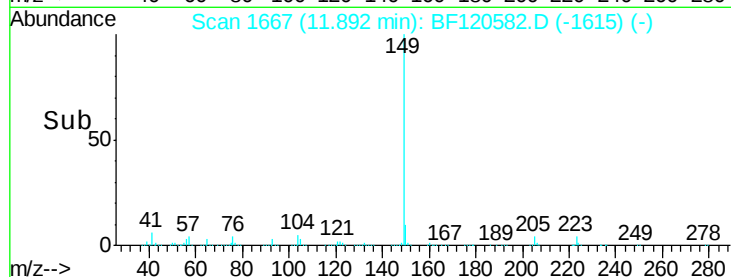
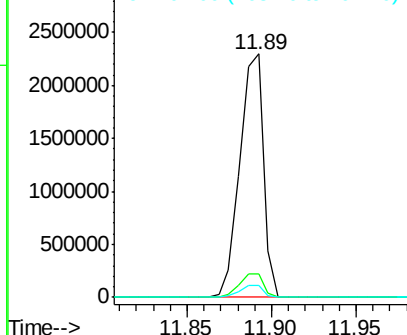
104 4.7 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 71.936 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

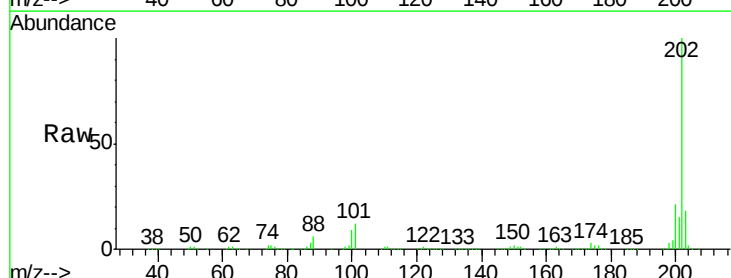
Tgt Ion:202 Resp: 2303031

Ion Ratio Lower Upper

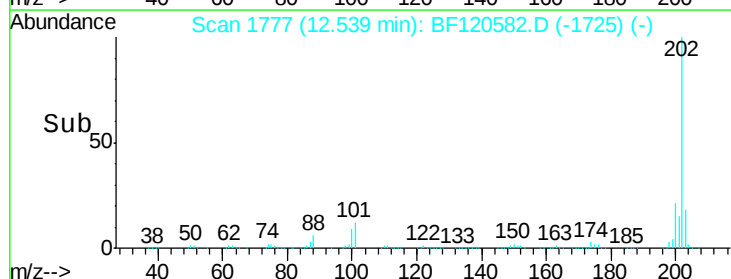
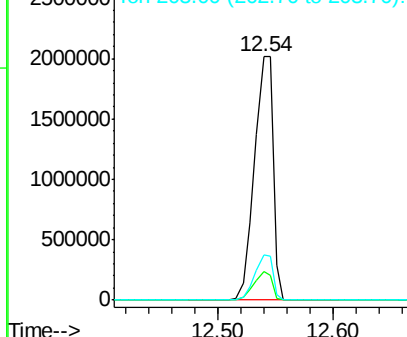
202 100

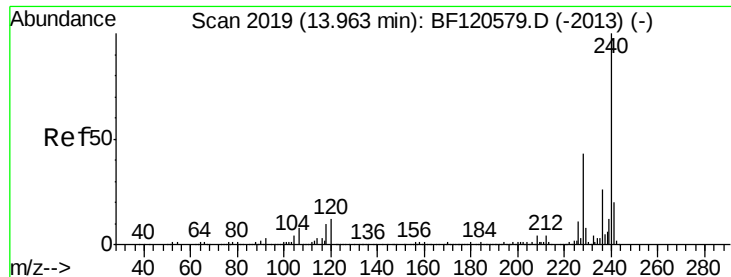
101 11.6 0.0 31.7

203 18.5 0.0 38.0



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: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

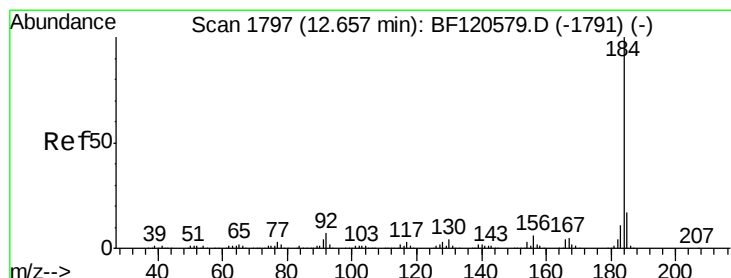
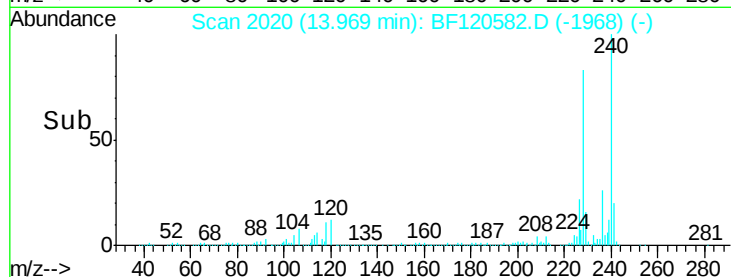
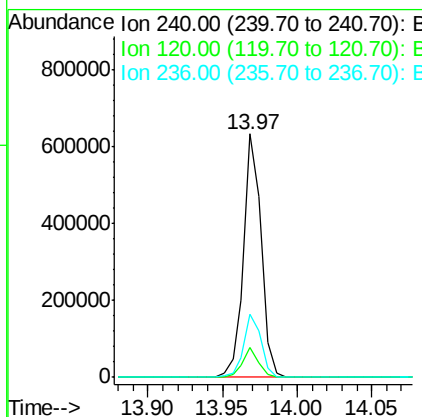
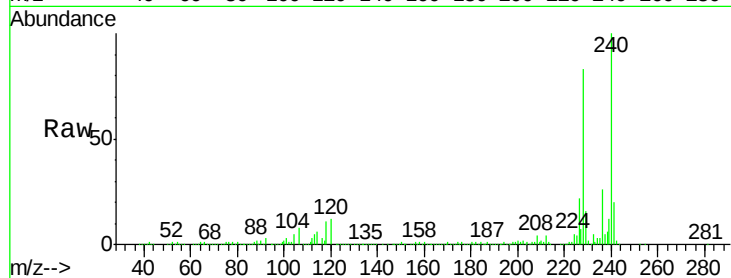
ClientSampleId :

SSTDICC080

Tot Ion:	240	Resp:	519768
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.3	13.9
236	25.9	20.8	31.2

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#77

Benzidine

Concen: 62.690 ng

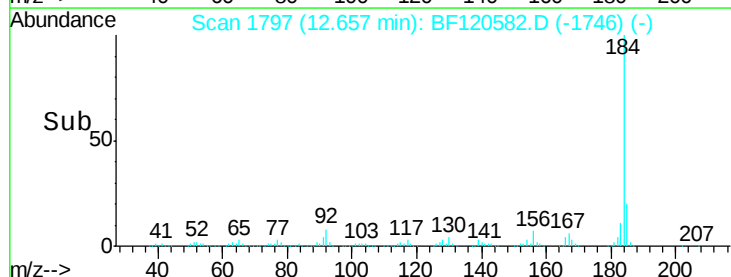
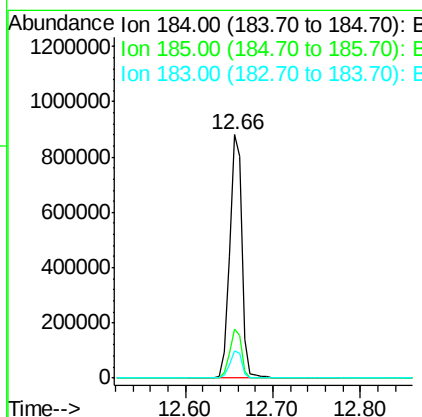
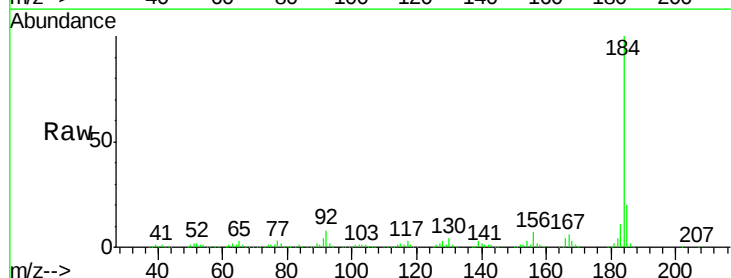
RT: 12.66 min Scan# 1797

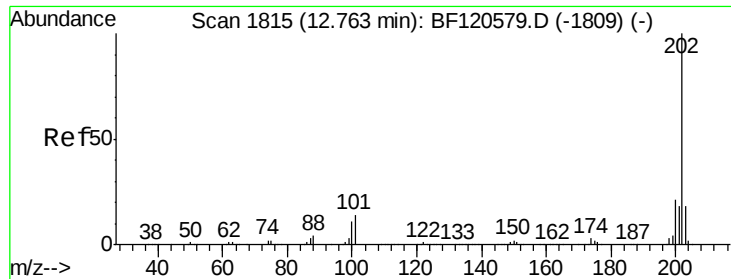
Delta R.T. 0.00 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Tgt Ion:	184	Resp:	856141
Ion Ratio	Lower	Upper	
184	100		
185	19.9	13.2	19.8#
183	11.4	9.0	13.6





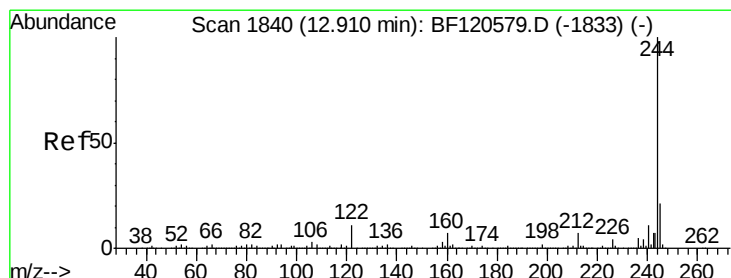
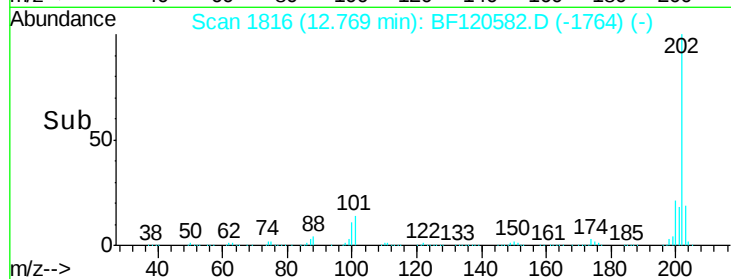
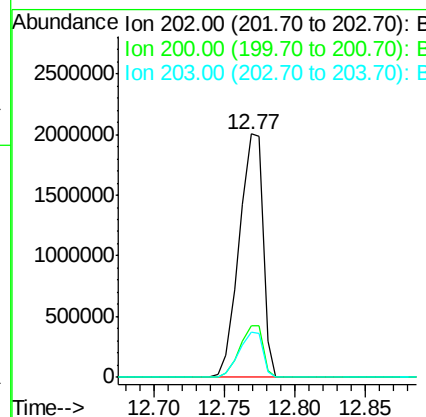
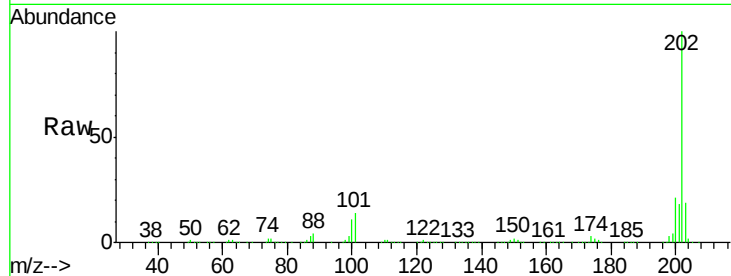
#78
Pvrene
Concen: 65.099 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	18.6	14.6	22.0

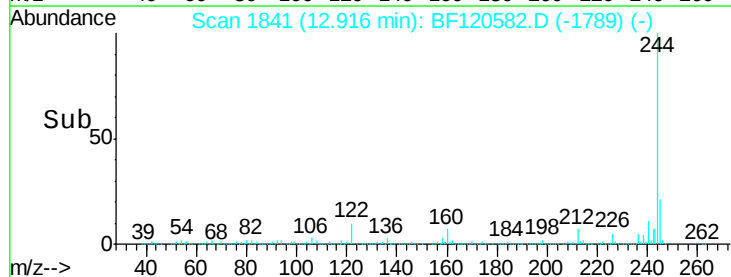
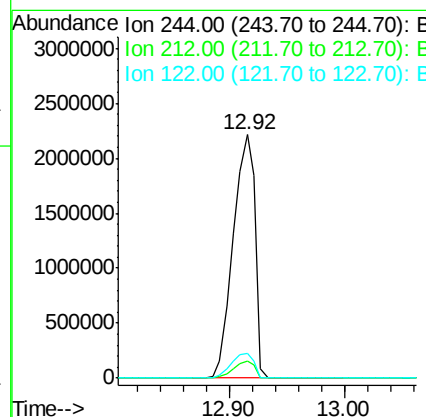
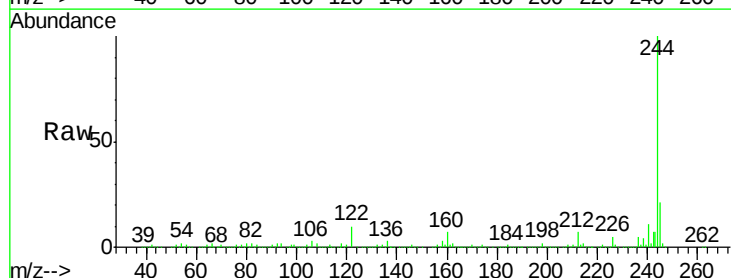
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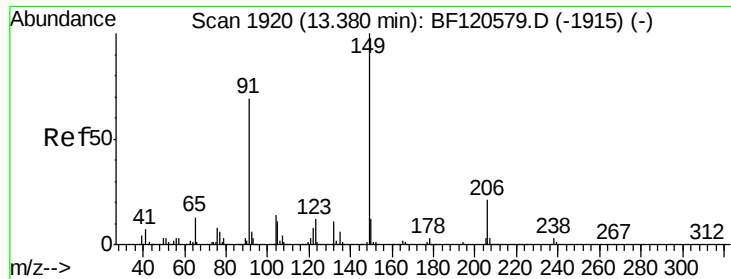
mohammad
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#79
Terphenyl-d14
Concen: 123.567 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.2	8.5	12.7





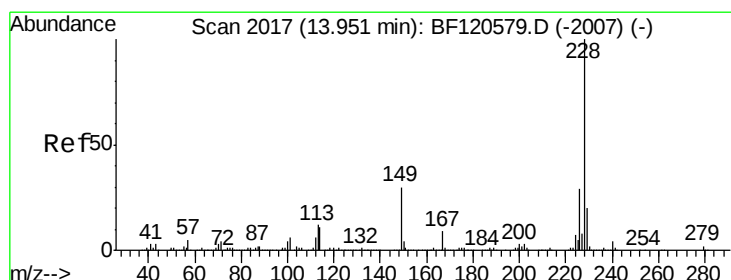
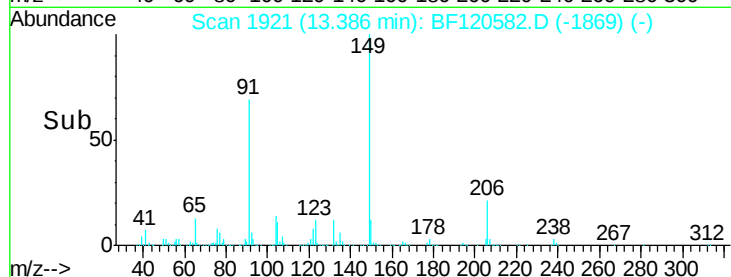
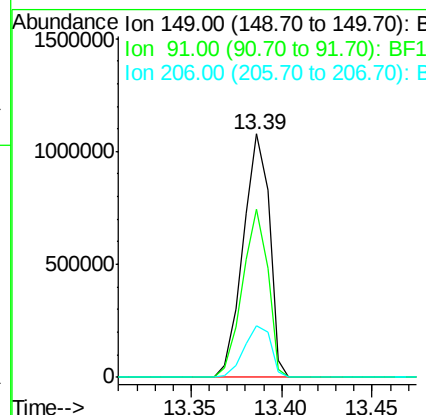
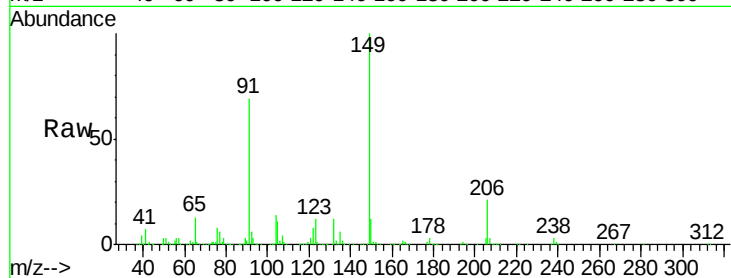
#80
Butylbenzylphthalate
Concen: 71.825 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.4	83.2
206	21.2	16.5	24.7

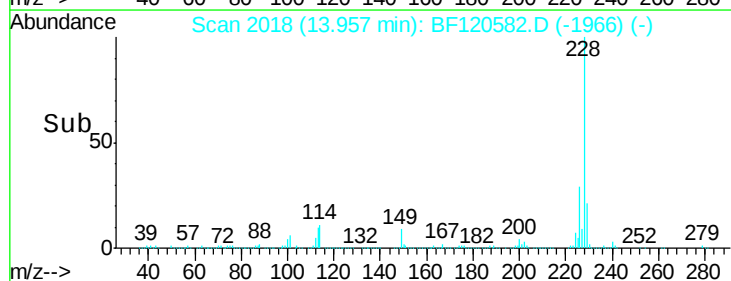
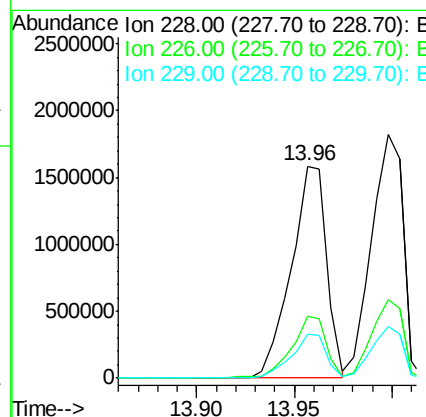
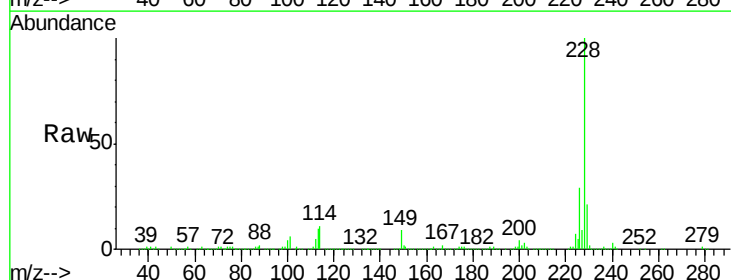
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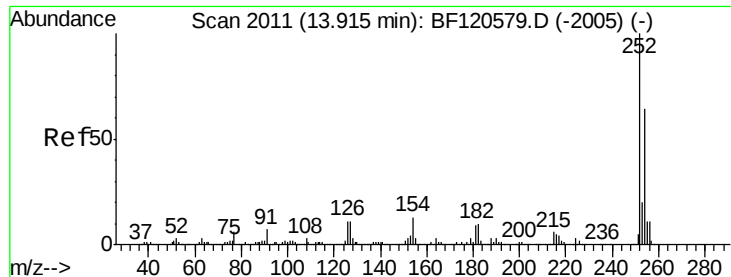
mohammad
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#81
Benzo(a)anthracene
Concen: 71.536 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.8	16.2	24.4





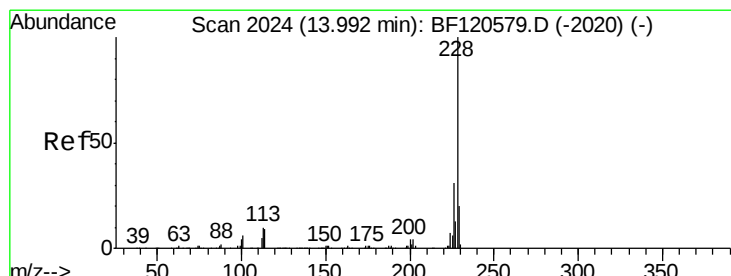
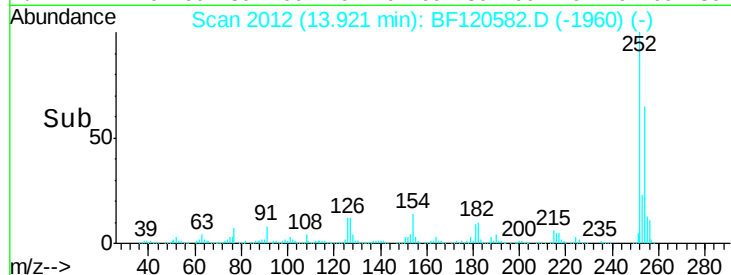
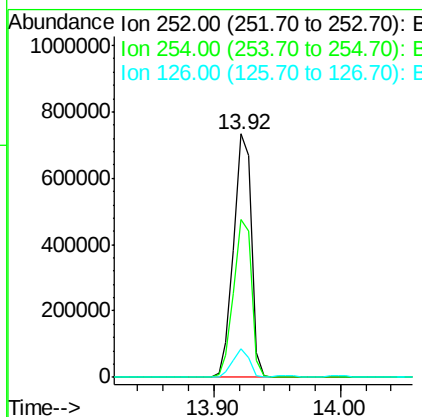
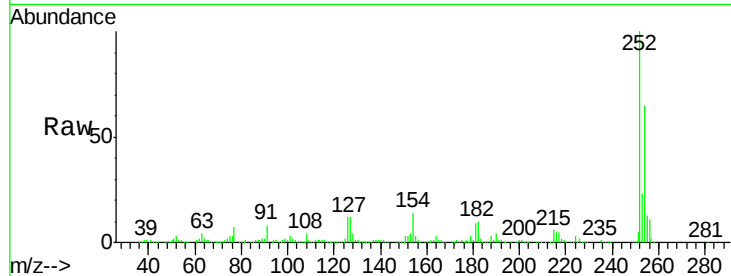
#82
3,3'-Dichlorobenzidine
Concen: 69.585 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	11.8	8.4	12.6

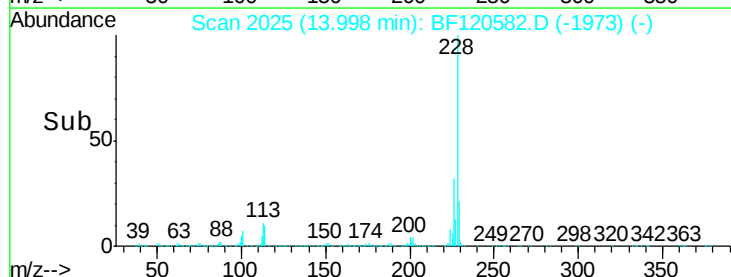
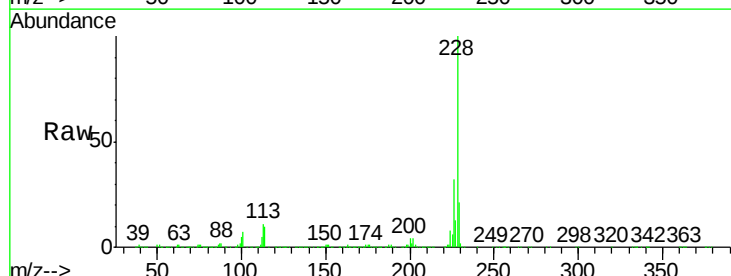
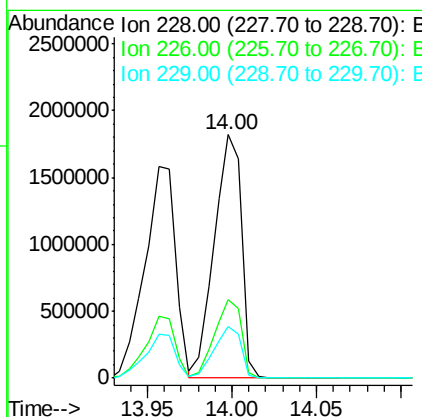
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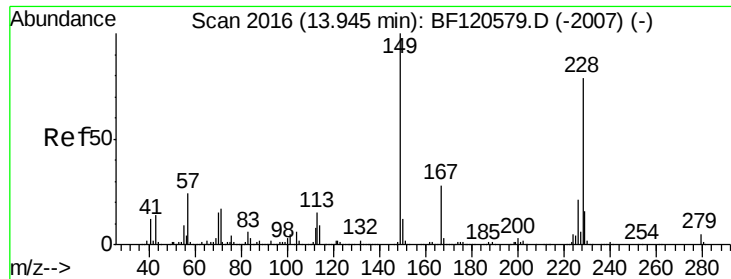
mohammad
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#83
Chrysene
Concen: 70.124 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.0	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 70.285 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1245035

Ion Ratio Lower Upper

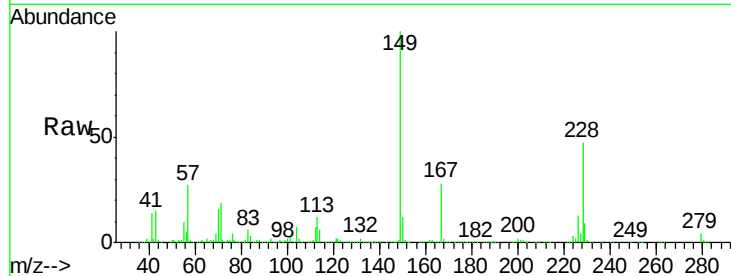
149 100

167 28.1 22.6 33.8

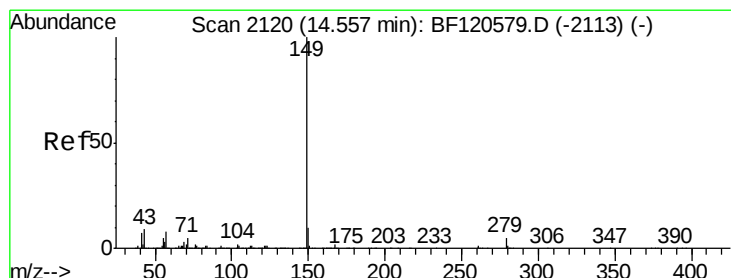
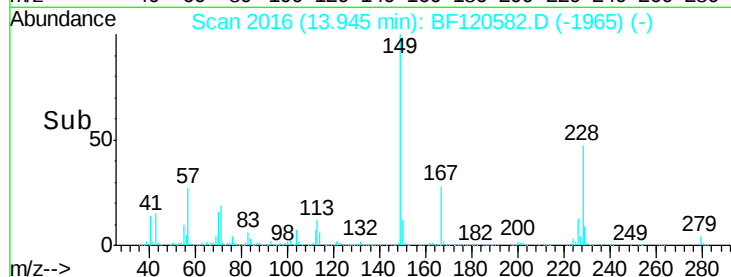
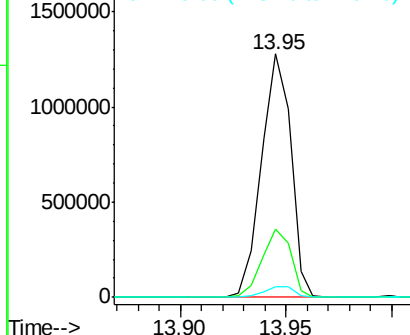
279 4.4 3.6 5.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 76.337 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF120582.D

Acq: 9 Jun 2020 16:27

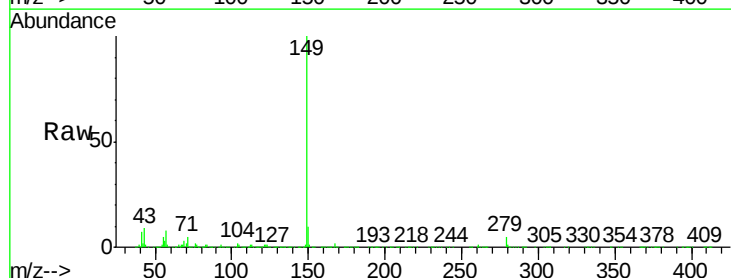
Tgt Ion:149 Resp: 2339847

Ion Ratio Lower Upper

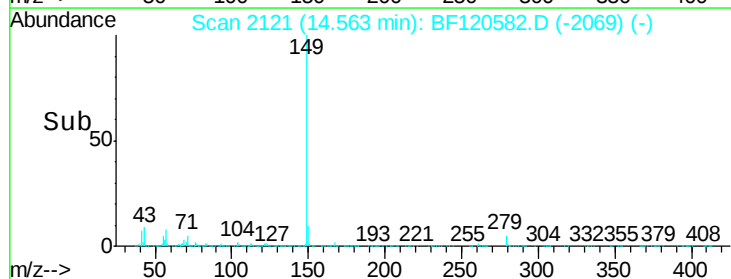
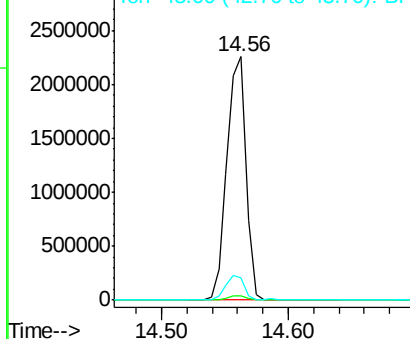
149 100

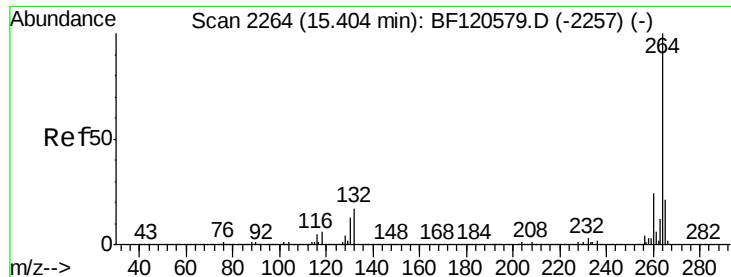
167 1.6 1.3 1.9

43 10.0 7.6 11.4



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





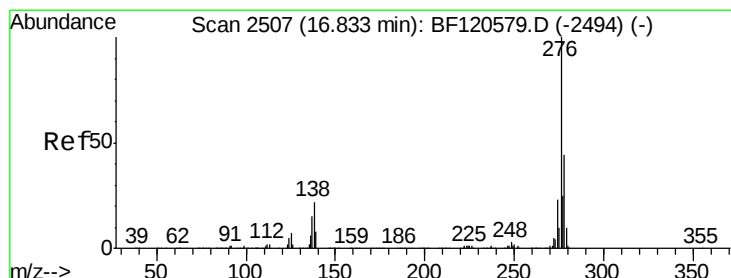
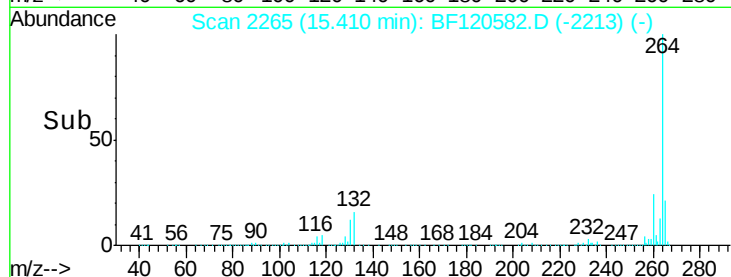
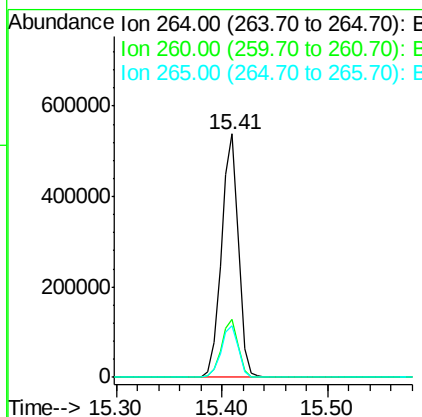
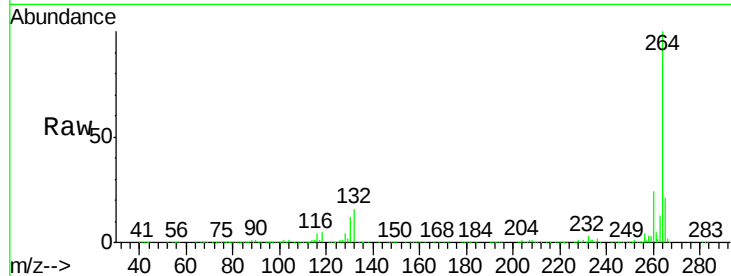
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.0	17.1	25.7

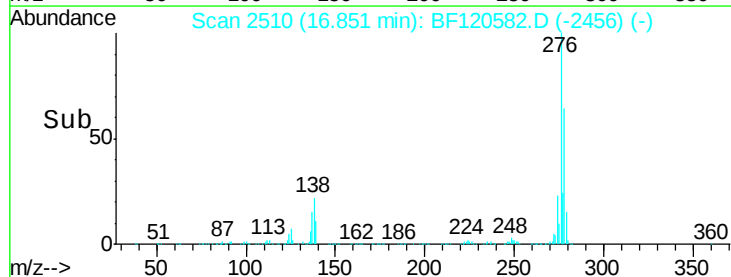
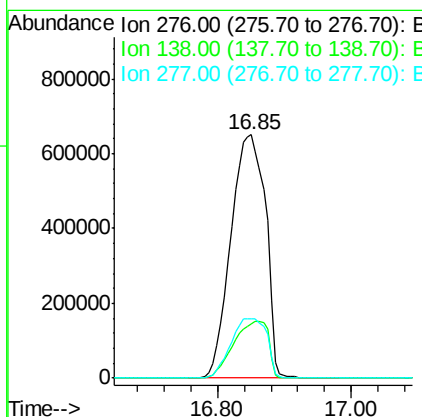
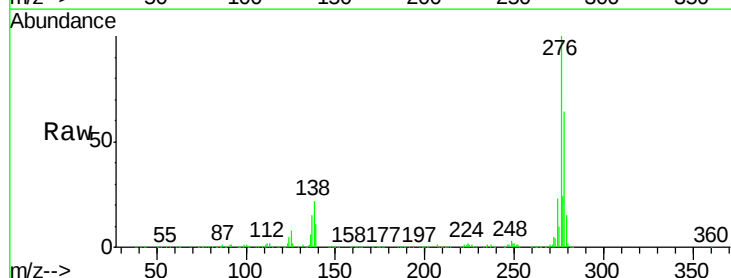
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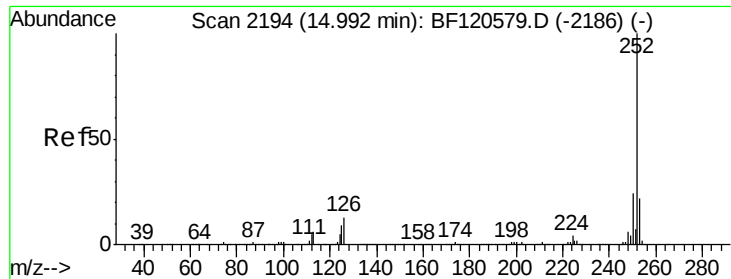
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 71.147 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.02 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.4	29.0
277	25.4	20.3	30.5





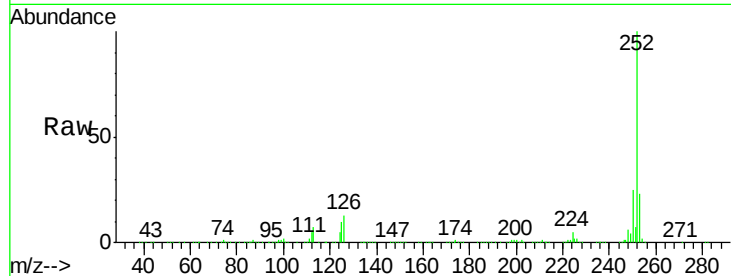
#88
Benzo(b)fluoranthene
Concen: 68.576 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

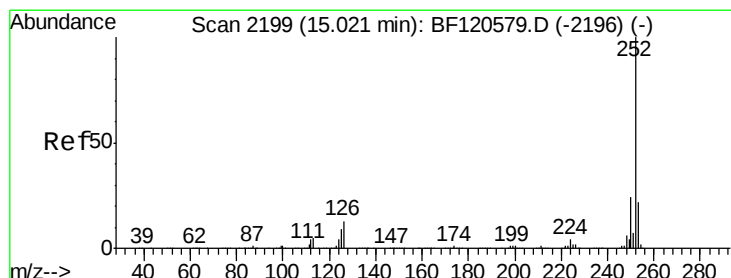
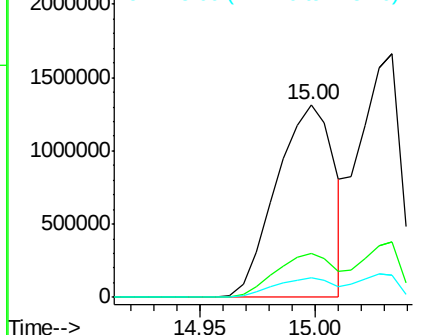
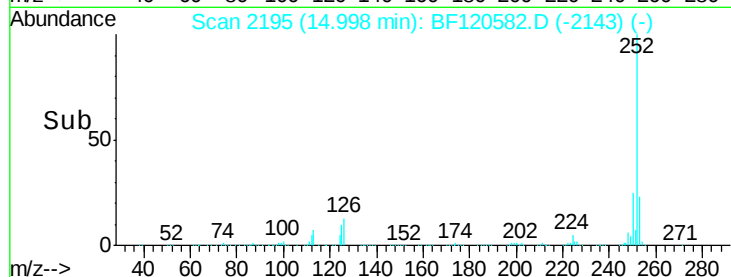
Tot Ion:252 Resp: 2290453
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.2 7.6 11.4

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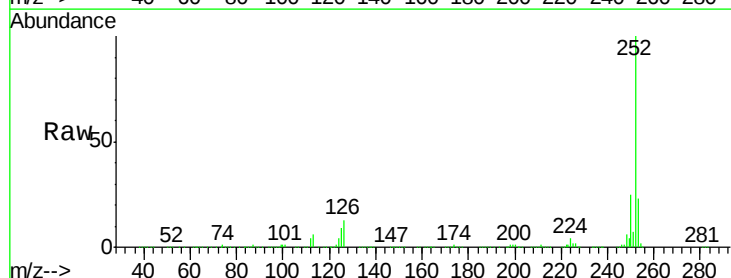


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

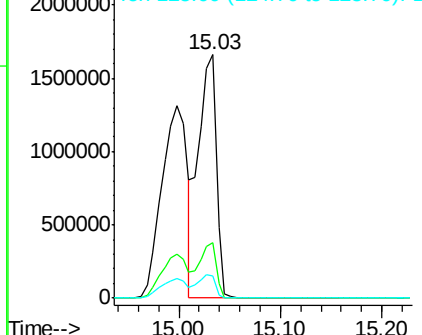
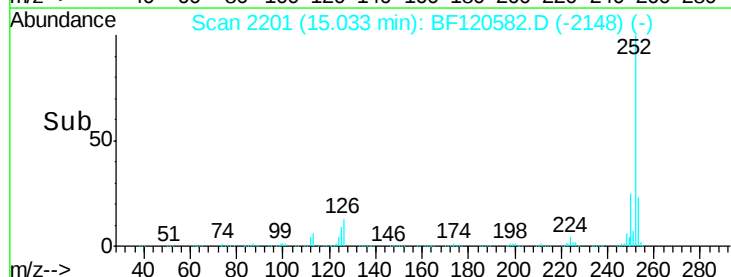


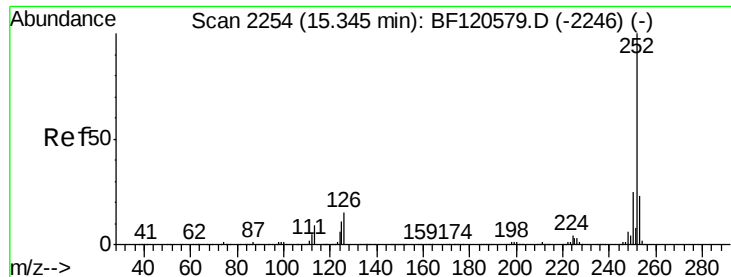
#89
Benzo(k)fluoranthene
Concen: 65.312 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:252 Resp: 2036486
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 9.0 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





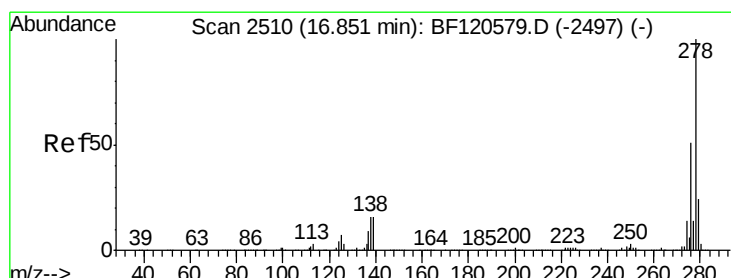
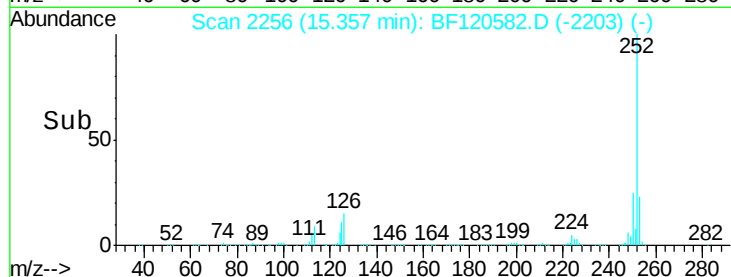
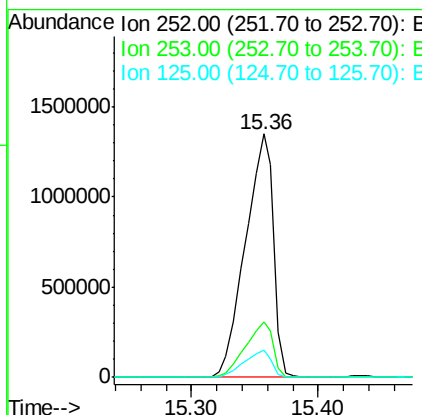
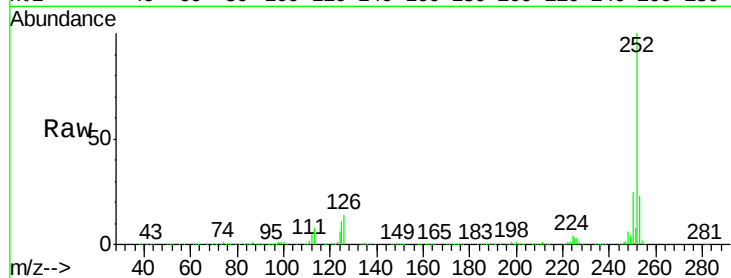
#90
Benzo(a)pyrene
Concen: 71.071 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:252 Resp: 2076337
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.3 9.0 13.6

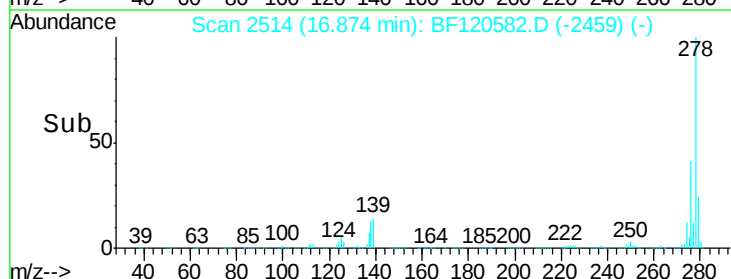
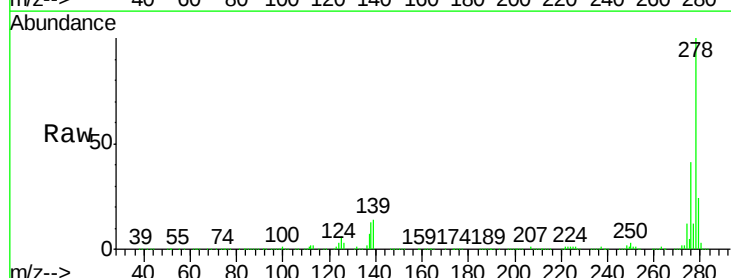
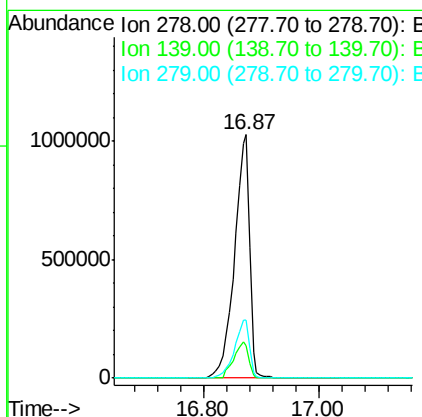
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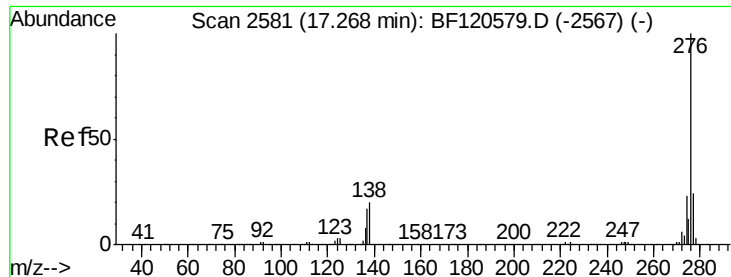
mohammad
6/10/2020 11:51:00 AM



#91
Dibenzo(a,h)anthracene
Concen: 69.110 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF120582.D
Acq: 9 Jun 2020 16:27

Tgt Ion:278 Resp: 1853139
Ion Ratio Lower Upper
278 100
139 13.6 13.0 19.6
279 23.9 19.4 29.2





#92
 Benzo(a,h,i)perylene
 Concen: 70.460 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.02 min
 Lab File: BF120582.D
 Acq: 9 Jun 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	20.6	16.3	24.5

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:51:00 AM

