

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120922.D
 Acq On : 17 Jul 2020 14:57
 Operator : JU/CG
 Sample : L3335-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:26:49 AM

Quant Time: Jul 17 15:21:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	220313	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	855135	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	432154	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	788726	20.00	ng	0.00
76) Chrysene-d12	13.98	240	473046	20.00	ng	0.00
86) Perylene-d12	15.42	264	495040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	882438	65.66	ng	0.02
7) Phenol-d6	6.45	99	1092895	62.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	674251	45.62	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	311376	65.83	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1273606	44.00	ng	0.00
79) Terphenyl-d14	12.92	244	1178784	54.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	237500	38.399	ng	100
3) Pyridine	3.36	79	663515	40.327	ng	98
4) n-Nitrosodimethylamine	3.32	42	302068	42.934	ng	96
6) Aniline	6.48	93	743670	32.818	ng	99
8) 2-Chlorophenol	6.60	128	646839	43.691	ng	97
9) Benzaldehyde	6.36	77	176559	17.642	ng	98
10) Phenol	6.47	94	795840	41.675	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	611234	41.765	ng	99
12) 1,3-Dichlorobenzene	6.76	146	649135	40.435	ng	99
13) 1,4-Dichlorobenzene	6.83	146	652011	40.845	ng	99
14) 1,2-Dichlorobenzene	6.99	146	628962	41.648	ng	99
15) Benzyl Alcohol	6.96	79	504015	41.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	850178	40.303	ng	99
17) 2-Methylphenol	7.07	107	507647	38.687	ng	99
18) Hexachloroethane	7.33	117	235398	40.742	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	391637	39.674	ng	99
20) 3+4-Methylphenols	7.23	107	545522	32.681	ng	93
22) Acetophenone	7.23	105	741451	38.634	ng	# 91
24) Nitrobenzene	7.40	77	643505	40.400	ng	97
25) Isophorone	7.65	82	1184902	40.173	ng	99
26) 2-Nitrophenol	7.72	139	344867	45.588	ng	96
27) 2,4-Dimethylphenol	7.76	122	537939	43.797	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	755014	41.935	ng	99
29) 2,4-Dichlorophenol	7.96	162	518778	41.334	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	563210	40.447	ng	98
31) Naphthalene	8.13	128	1710363	38.992	ng	100
32) Benzoic acid	7.90	122	452628	49.092	ng	97
33) 4-Chloroaniline	8.17	127	504679	25.792	ng	97
34) Hexachlorobutadiene	8.25	225	322858	39.331	ng	98
35) Caprolactam	8.55	113	166070m	41.261	ng	
36) 4-Chloro-3-methylphenol	8.66	107	533666	41.459	ng	100
37) 2-Methylnaphthalene	8.82	142	1138714	39.981	ng	99
38) 1-Methylnaphthalene	8.92	142	1087755	40.325	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	508248	40.366	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	404872	58.181	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	381588	43.043	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	402059	39.981	nq	98
46) 1,1'-Biphenyl	9.28	154	1318391	39.994	nq	99
47) 2-Chloronaphthalene	9.30	162	1060830	39.471	nq	99
48) 2-Nitroaniline	9.40	65	337771	41.586	nq	97
49) Acenaphthylene	9.72	152	1641156	39.306	nq	100
50) Dimethylphthalate	9.59	163	1448427	46.458	nq	98
51) 2,6-Dinitrotoluene	9.65	165	285303	42.594	nq	92
52) Acenaphthene	9.89	154	1112612m	41.914	nq	
53) 3-Nitroaniline	9.81	138	231118	27.512	nq	98
54) 2,4-Dinitrophenol	9.92	184	234404	62.438	nq	90
55) Dibenzofuran	10.06	168	1470145	38.298	nq	100
56) 4-Nitrophenol	9.98	139	509484	79.839	nq	97
57) 2,4-Dinitrotoluene	10.05	165	382841	43.524	nq	# 90
58) Fluorene	10.41	166	1040148	36.331	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	336418	43.938	nq	96
60) Diethylphthalate	10.28	149	1271512	40.321	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	511009	33.464	nq	99
62) 4-Nitroaniline	10.43	138	281065	34.347	nq	96
63) Azobenzene	10.56	77	1186902	39.535	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	164427	36.979	nq	91
66) n-Nitrosodiphenylamine	10.52	169	1045419	42.134	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	360047	40.944	nq	96
68) Hexachlorobenzene	10.95	284	396461	41.678	nq	96
69) Atrazine	11.05	200	302299	49.196	nq	98
70) Pentachlorophenol	11.15	266	445422	81.736	nq	99
71) Phenanthrene	11.37	178	1577186	38.881	nq	100
72) Anthracene	11.42	178	1609761	39.520	nq	99
73) Carbazole	11.57	167	1530474	37.861	nq	99
74) Di-n-butylphthalate	11.90	149	1920471	41.169	nq	99
75) Fluoranthene	12.55	202	1627481	36.196	nq	99
77) Benzidine	12.67	184	1083052	87.081	nq	99
78) Pyrene	12.78	202	1614851	48.284	nq	100
80) Butylbenzylphthalate	13.40	149	773208	51.861	nq	95
81) Benzo(a)anthracene	13.97	228	1103234	38.514	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	478552	44.281	nq	99
83) Chrysene	14.00	228	1234531	41.010	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	938786	51.064	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1705182	46.620	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1504629	43.703	nq	100
88) Benzo(b)fluoranthene	15.01	252	1279436	42.757	nq	99
89) Benzo(k)fluoranthene	15.04	252	1152498	42.232	nq	99
90) Benzo(a)pyrene	15.37	252	1132718	41.490	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1238664	44.045	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1229922	44.355	nq	99

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



#1

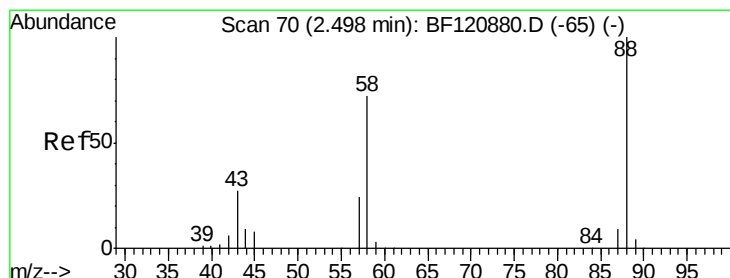
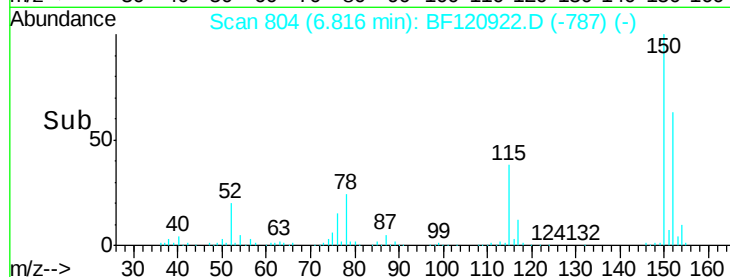
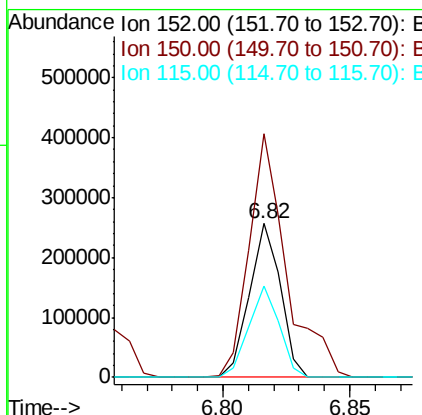
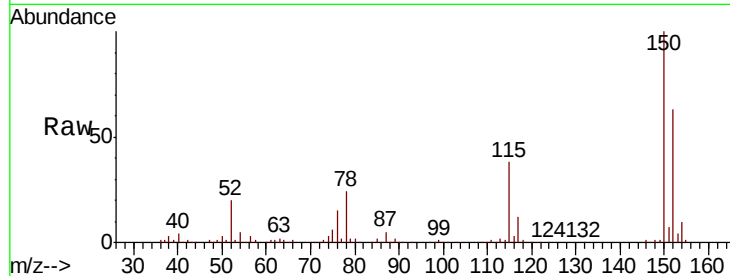
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.0	187.6
115	59.5	47.0	70.4

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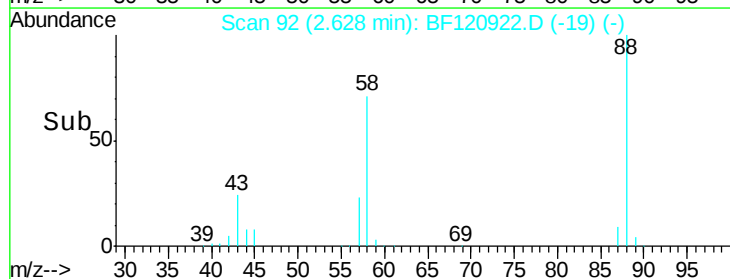
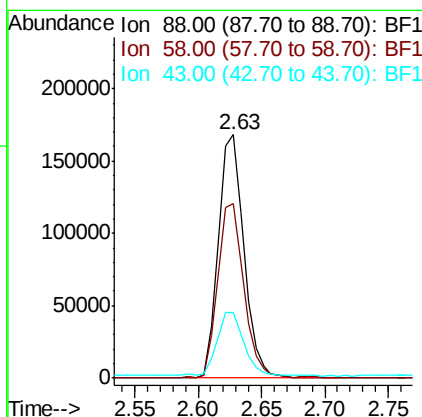
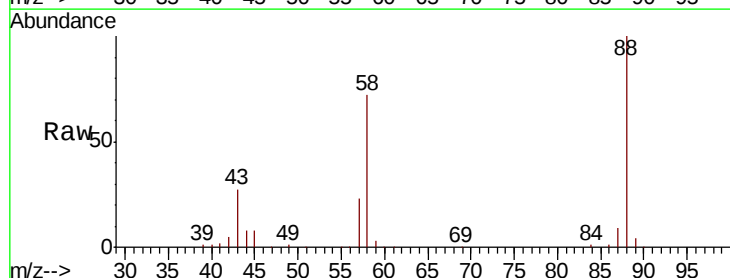
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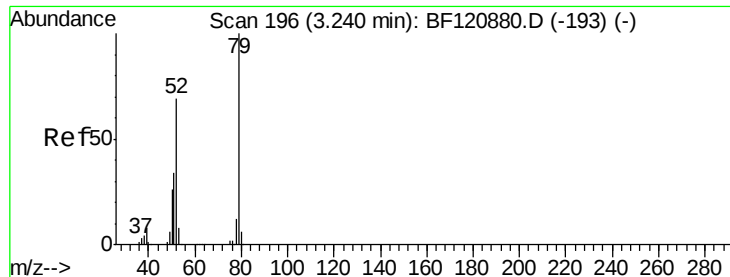


#2

1,4-Dioxane
Concen: 38.399 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.2	87.2
43	27.3	22.1	33.1





#3

Pvridine

Concen: 40.327 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

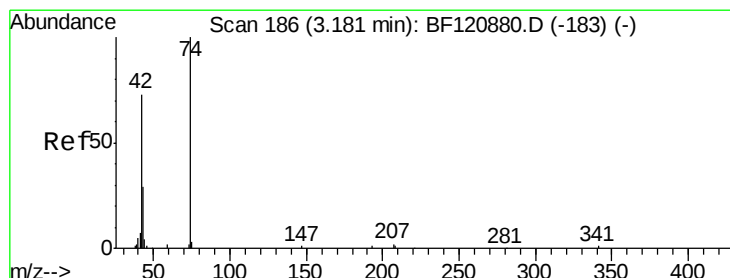
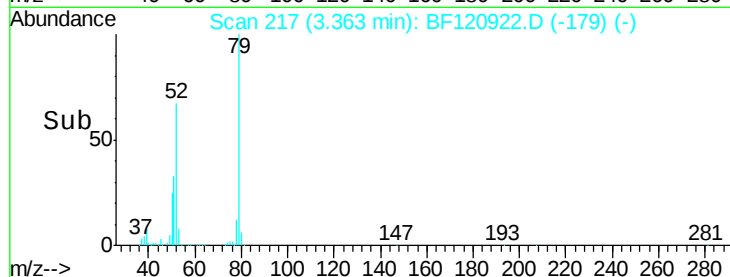
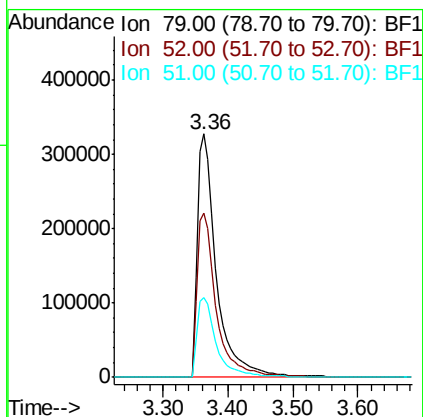
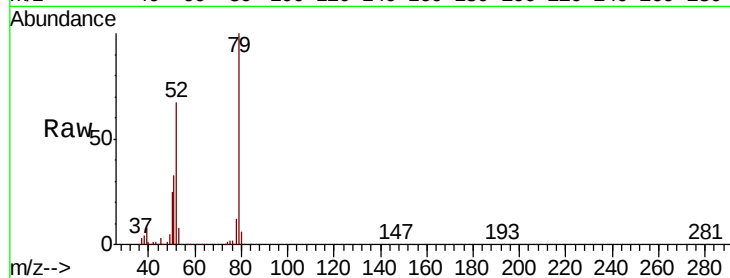
ClientSampleId :

TP-11-SMSD

Tot Ion:	79	Resp:	663515
Ion Ratio	Lower	Upper	
79	100		
52	67.2	55.0	82.6
51	33.0	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 42.934 ng

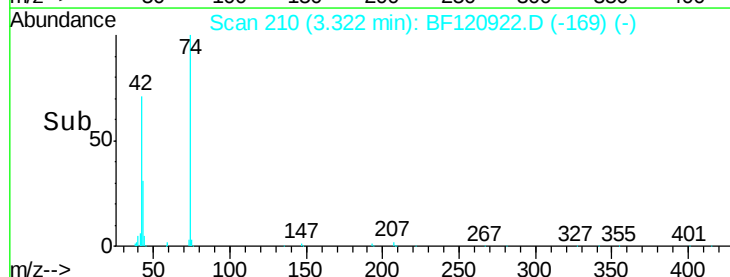
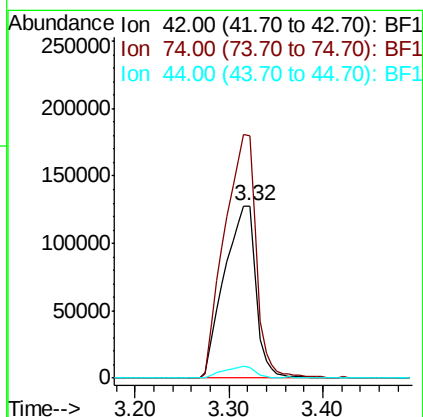
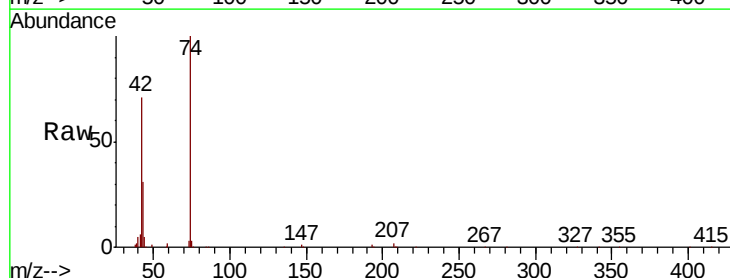
RT: 3.32 min Scan# 210

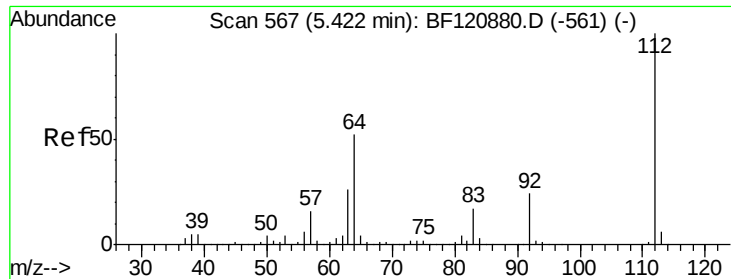
Delta R.T. 0.14 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	42	Resp:	302068
Ion Ratio	Lower	Upper	
42	100		
74	140.5	108.7	163.1
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 65.663 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

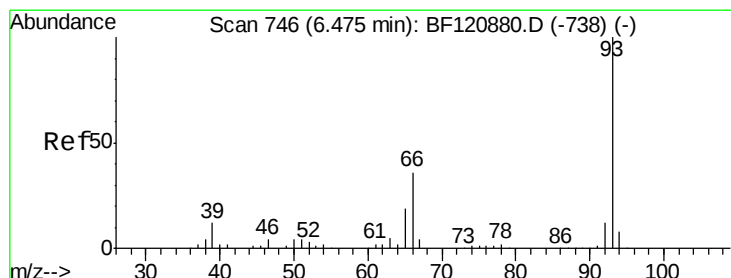
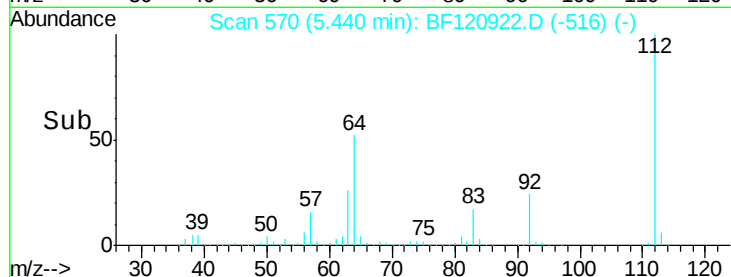
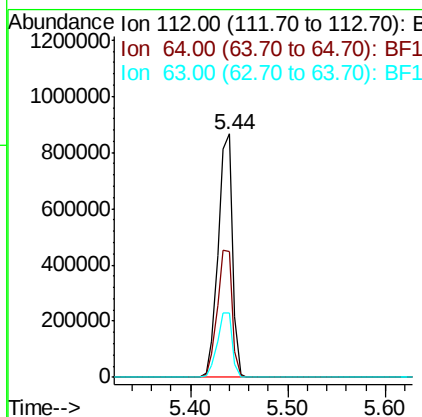
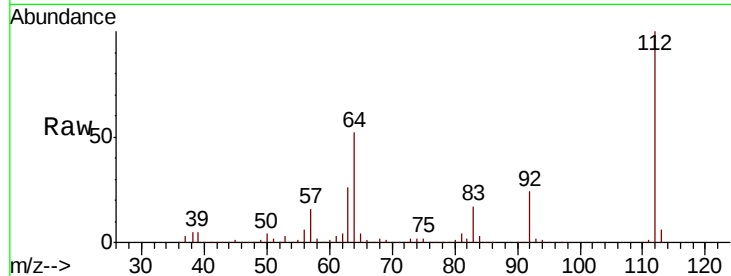
ClientSampleId :

TP-11-SMSD

Tot Ion:	112	Resp:	882438
Ion Ratio	Lower	Upper	
112	100		
64	51.7	41.3	61.9
63	26.5	21.1	31.7

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#6

Aniline

Concen: 32.818 ng

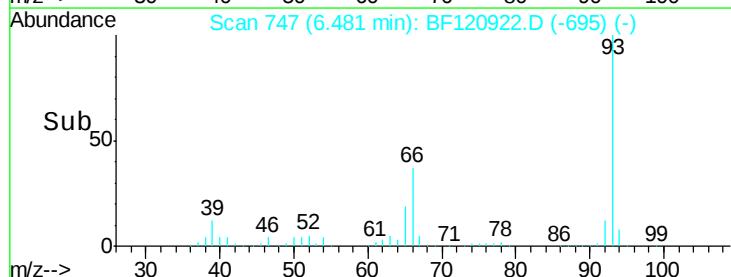
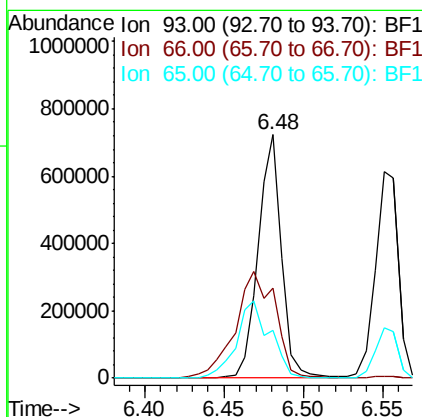
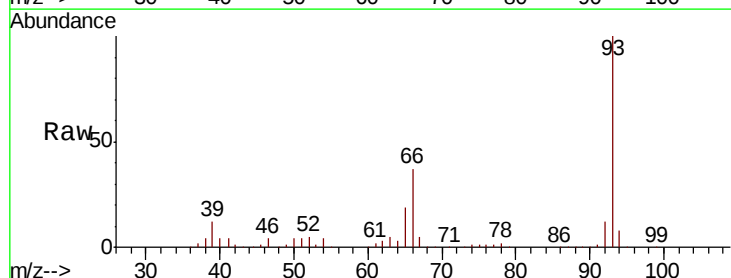
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	93	Resp:	743670
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.2	45.4
65	19.4	15.8	23.6





#7

Phenol-d6

Concen: 62.956 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion: 99 Resp: 1092895

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

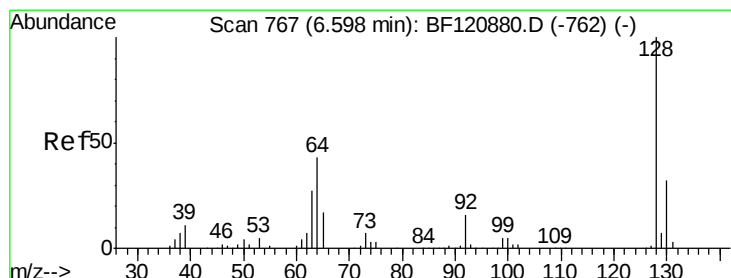
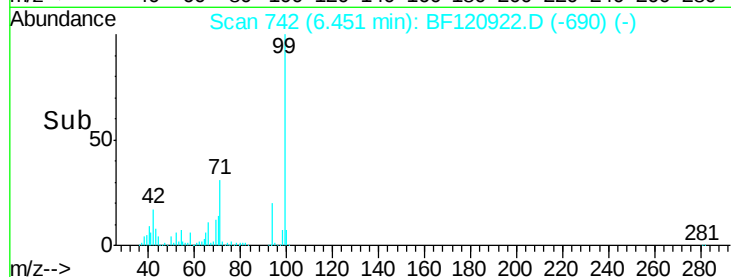
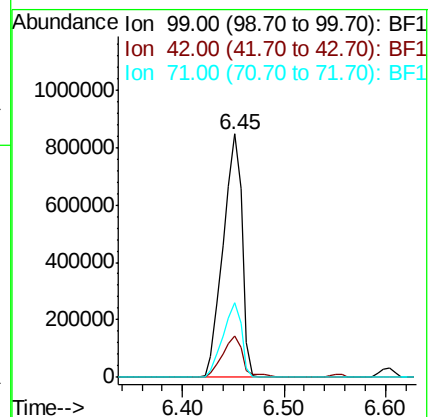
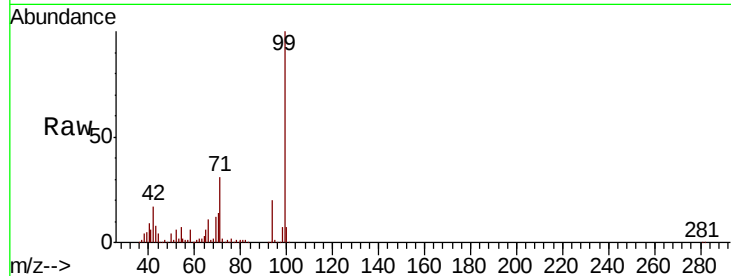
71 30.6 24.2 36.4

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#8

2-Chlorophenol

Concen: 43.691 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

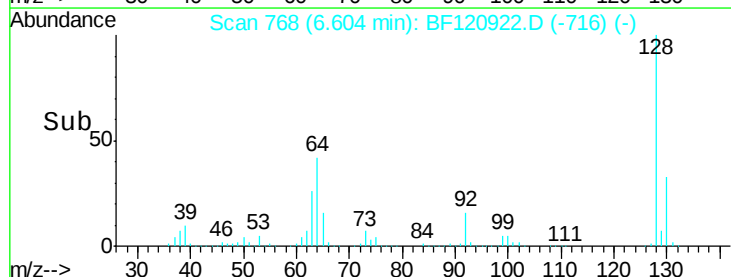
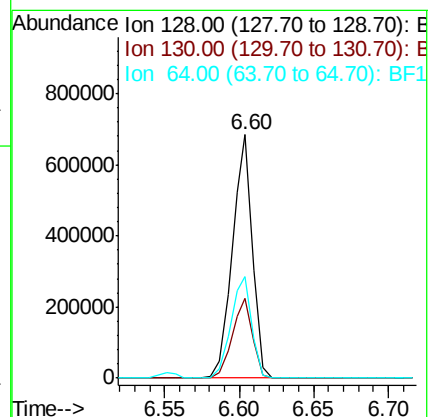
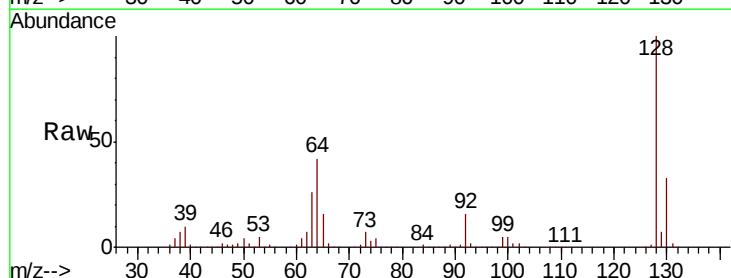
Tgt Ion: 128 Resp: 646839

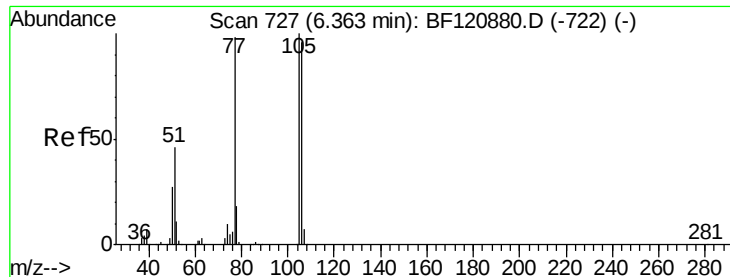
Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

64 41.6 24.0 64.0





#9

Benzaldehyde

Concen: 17.642 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

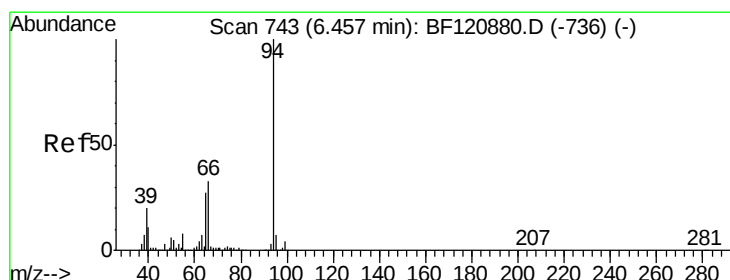
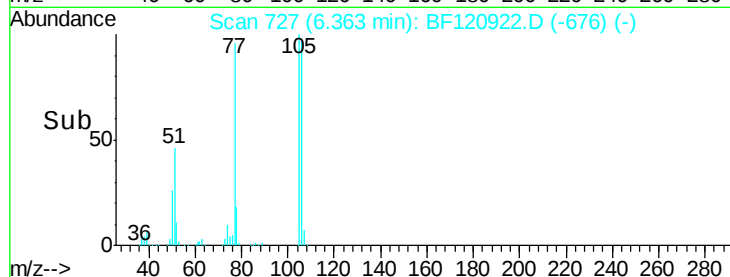
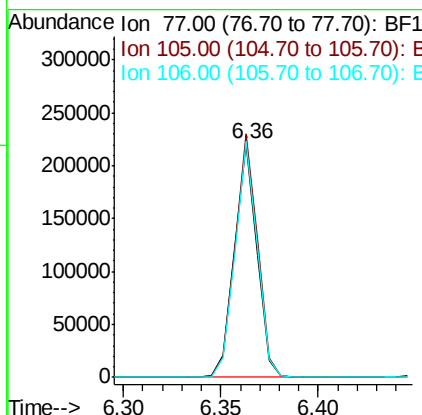
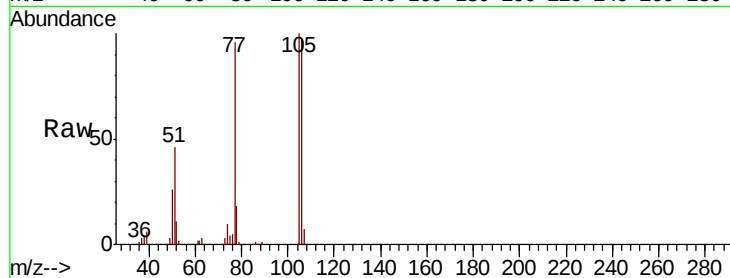
ClientSampleId :

TP-11-SMSD

Tot Ion:	77	Resp:	176559
Ion	Ratio	Lower	Upper
77	100		
105	104.0	82.5	122.5
106	100.9	78.7	118.7

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#10

Phenol

Concen: 41.675 ng

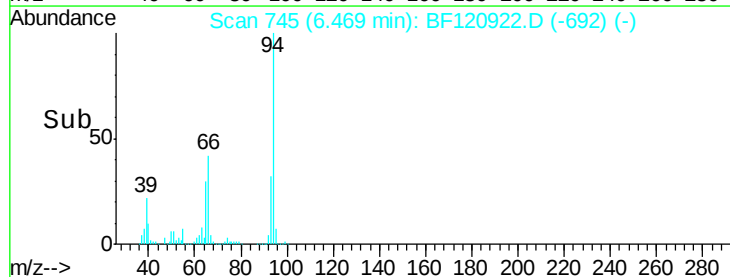
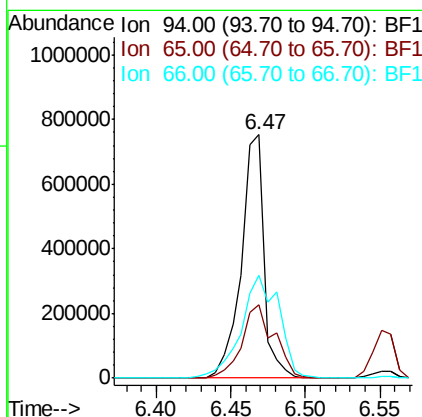
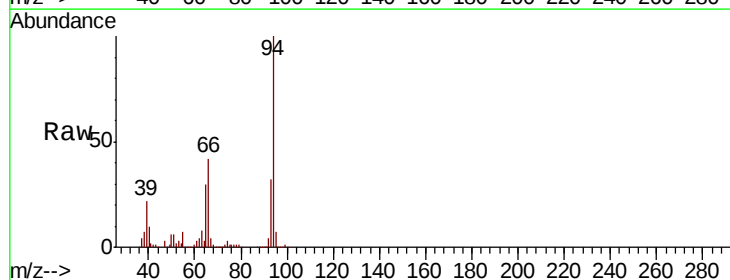
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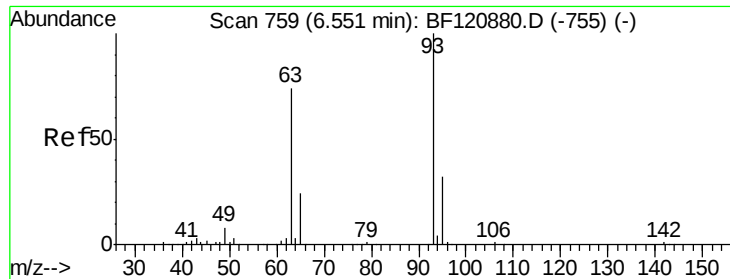
Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	94	Resp:	795840
Ion	Ratio	Lower	Upper
94	100		
65	30.4	6.6	46.6
66	42.2	13.2	53.2





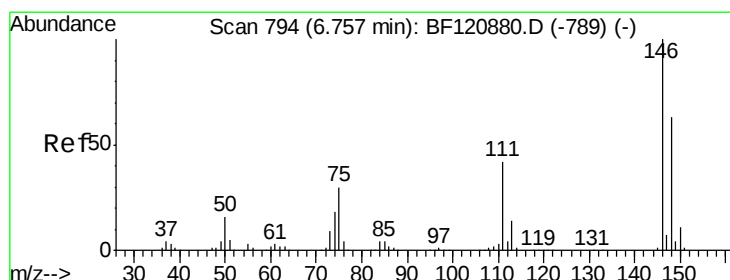
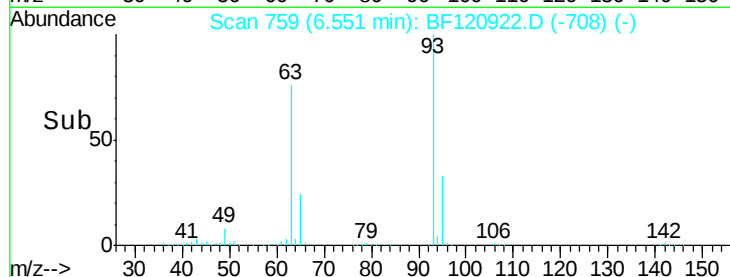
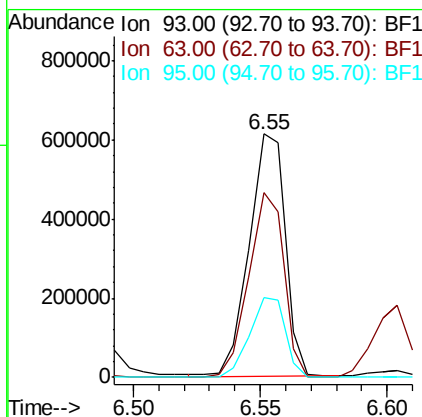
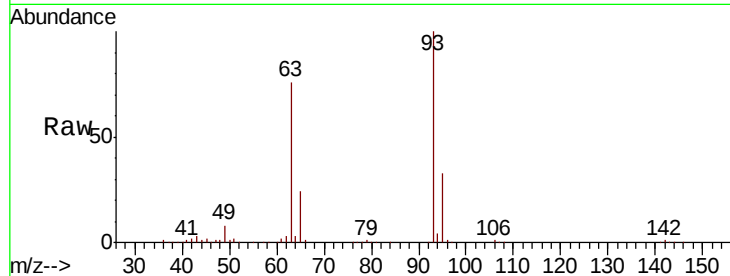
#11
bis(2-Chloroethyl)ether
Concen: 41.765 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	54.2	94.2
95	32.7	12.2	52.2

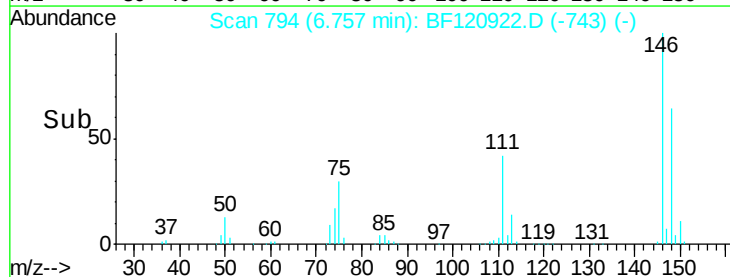
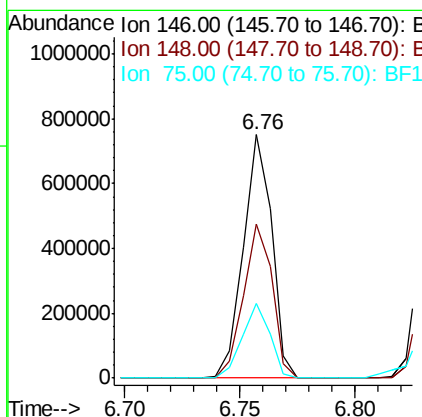
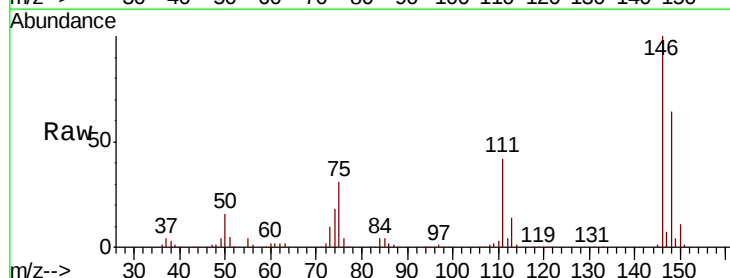
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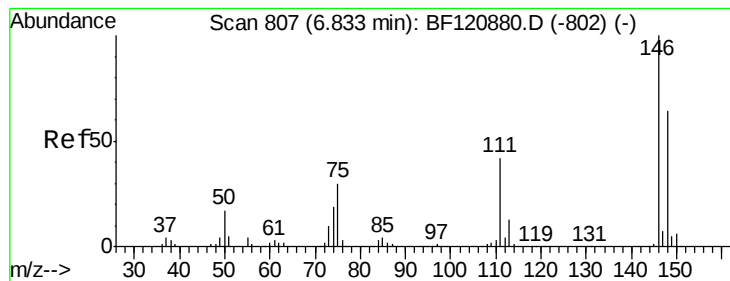
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.435 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	30.6	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.845 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

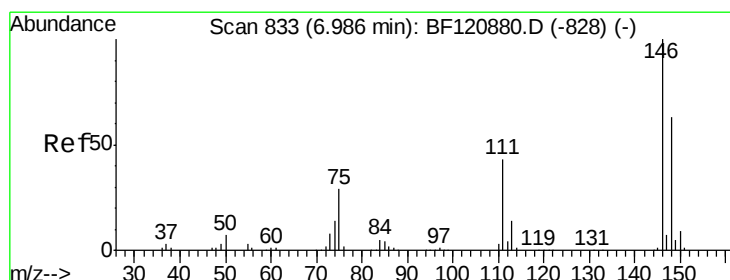
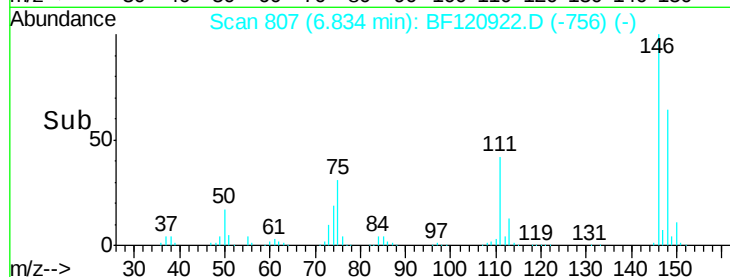
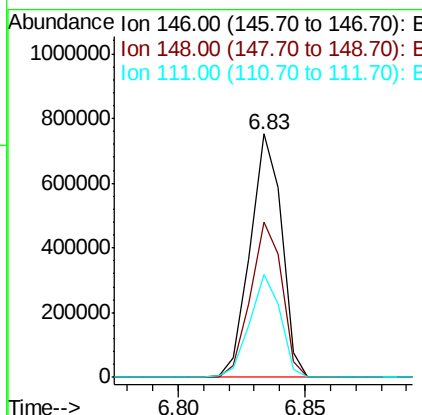
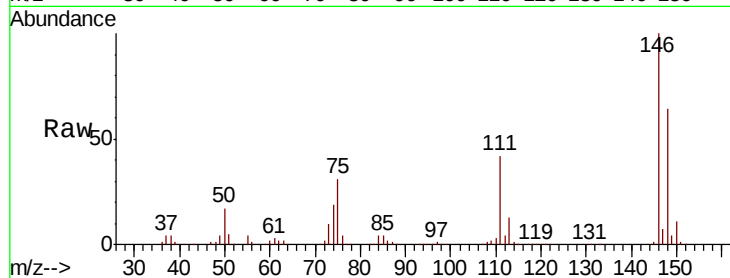
ClientSampleId :

TP-11-SMSD

Tot Ion:	146	Resp:	652011
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.6	77.4
111	42.2	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 41.648 ng

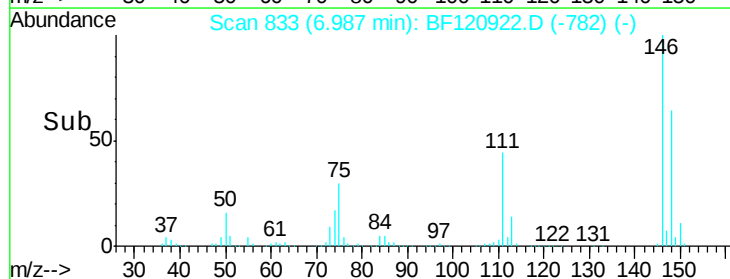
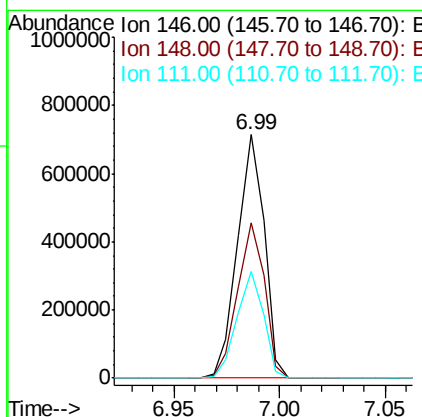
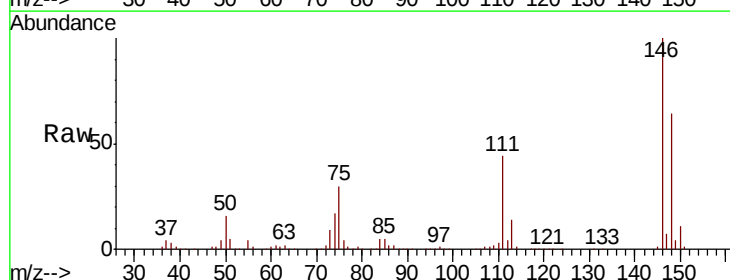
RT: 6.99 min Scan# 833

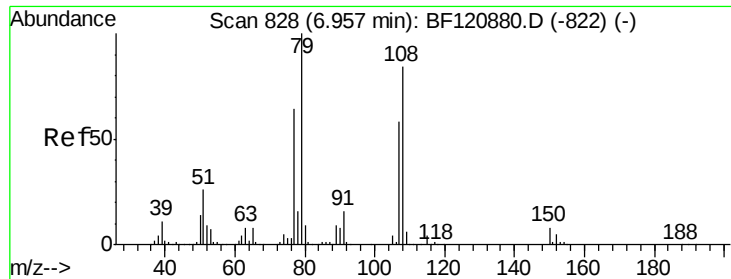
Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	146	Resp:	628962
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	43.7	34.2	51.2





#15

Benzyl Alcohol

Concen: 41.055 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

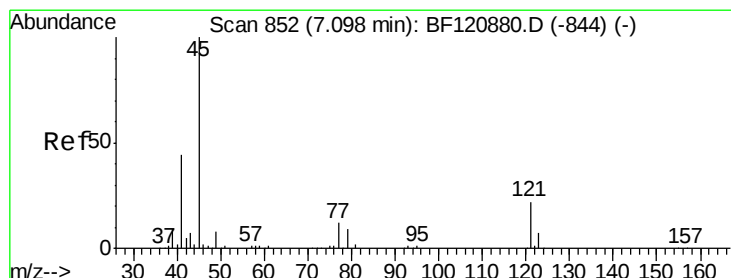
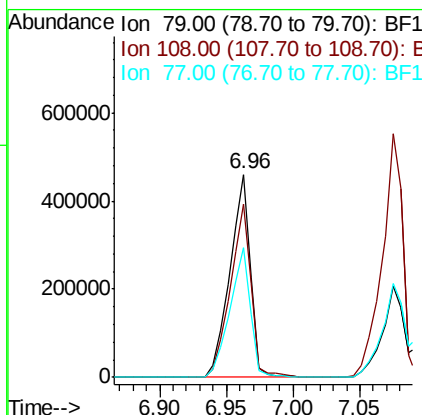
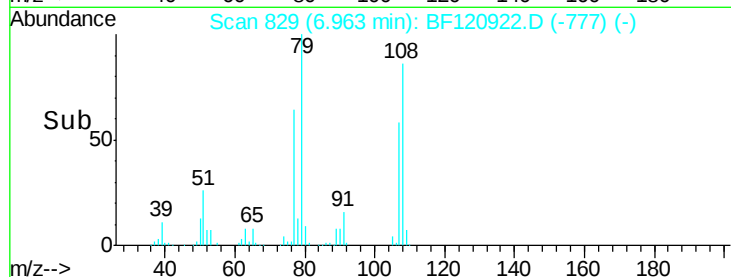
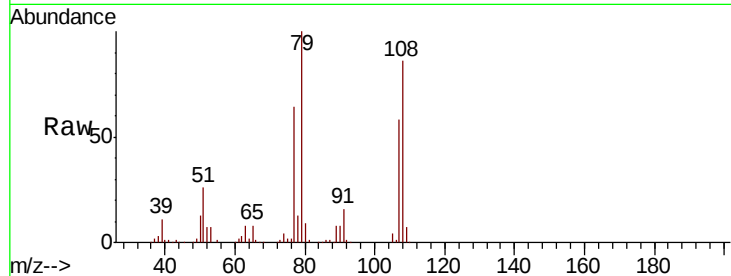
ClientSampleId :

TP-11-SMSD

Tot Ion:	79	Resp:	504015
Ion Ratio	Lower	Upper	
79	100		
108	85.5	67.0	100.6
77	63.9	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.303 ng

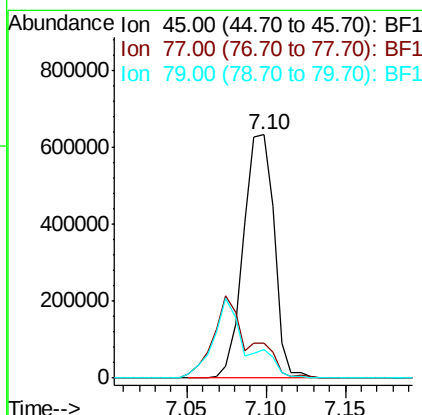
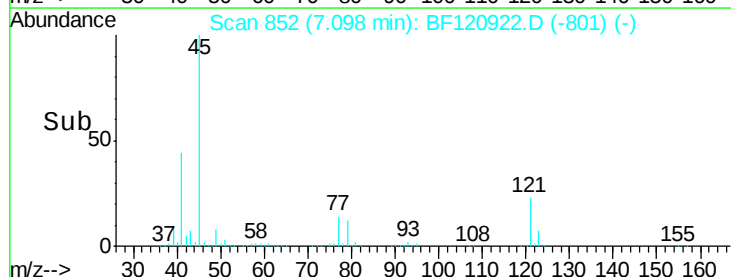
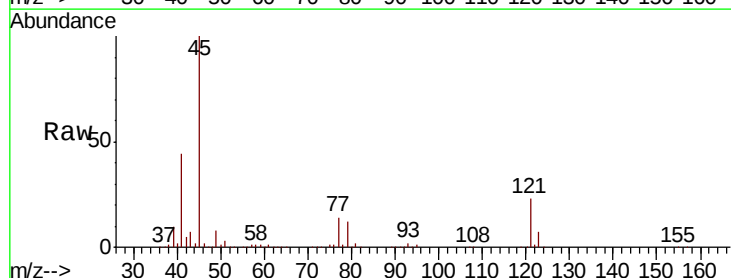
RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	45	Resp:	850178
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.3
79	11.5	0.0	31.0





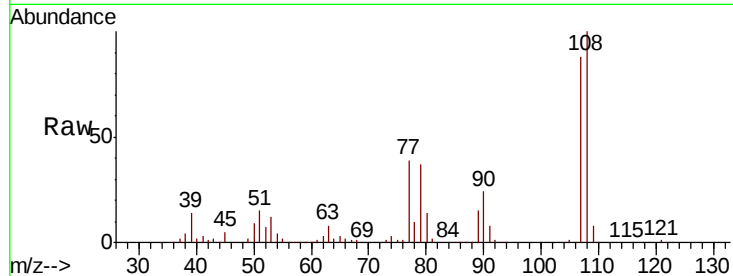
#17
2-Methylphenol
Concen: 38.687 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.0	138.0
77	44.2	34.0	51.0
79	42.5	33.3	49.9

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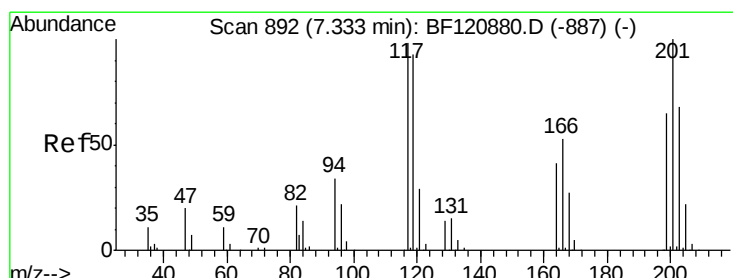
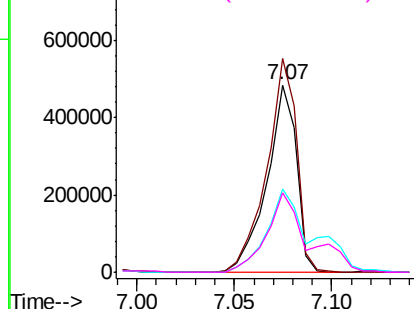
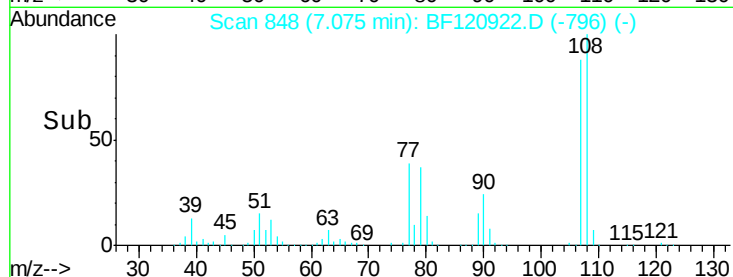
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

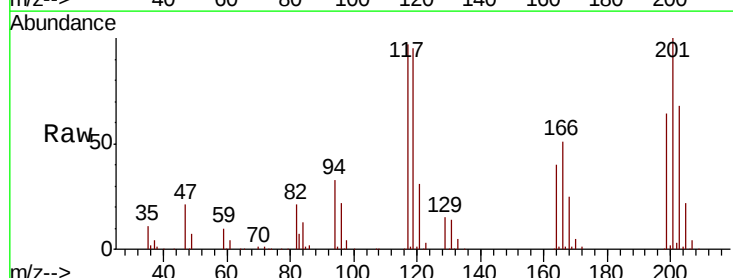
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.742 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.0	114.0
201	102.8	81.7	122.5

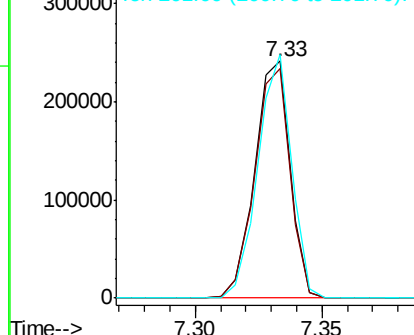
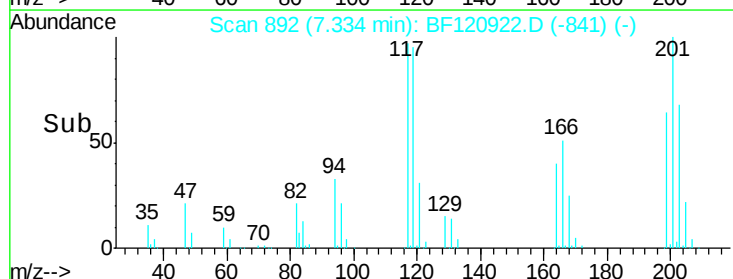


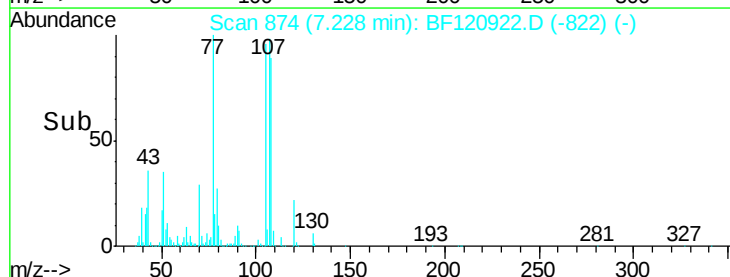
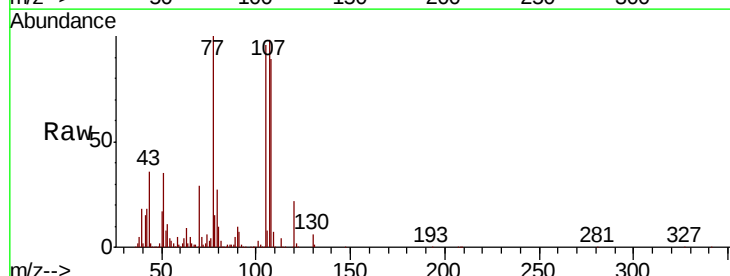
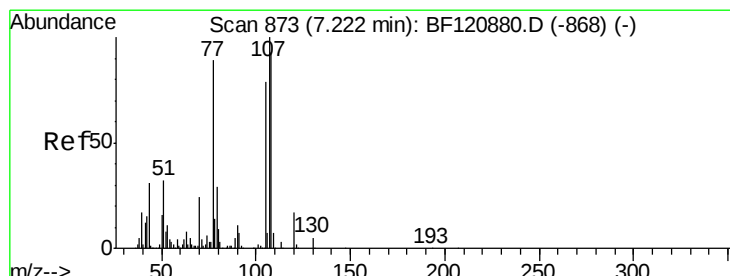
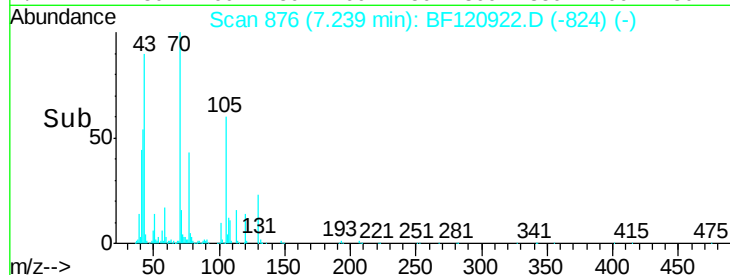
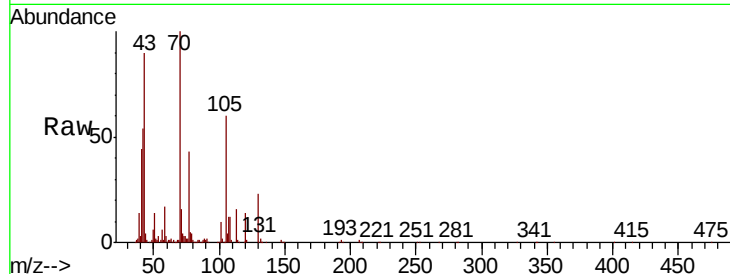
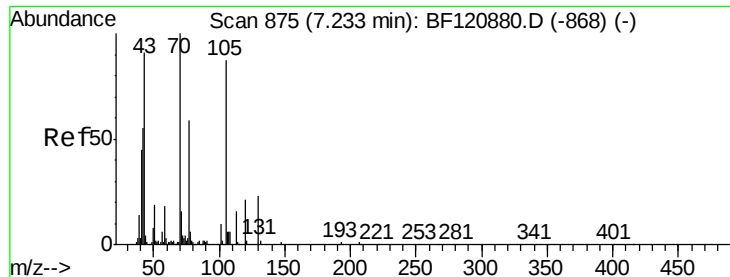
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

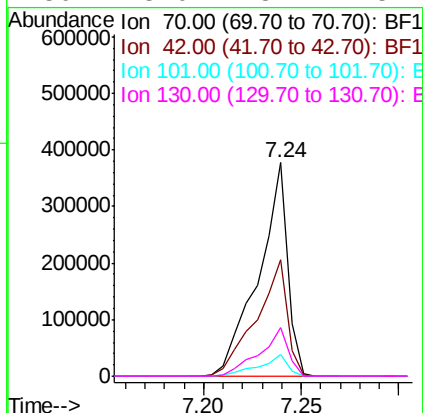
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.674 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.0	66.0
101	9.9	7.8	11.6
130	23.0	18.7	28.1



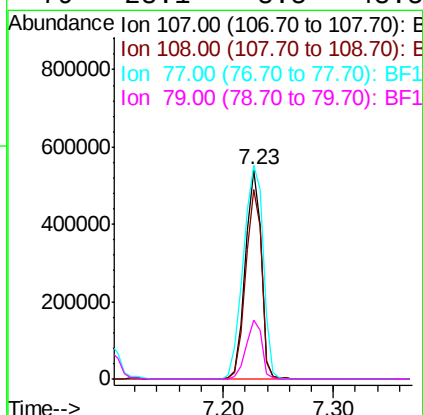
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

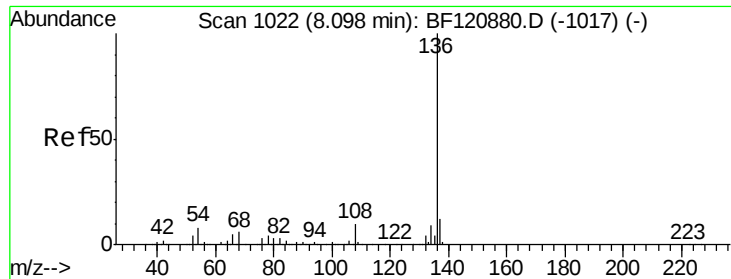
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#20
3+4-Methylphenols
Concen: 32.681 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.8	112.8
77	102.4	68.7	108.7
79	28.1	8.5	48.5





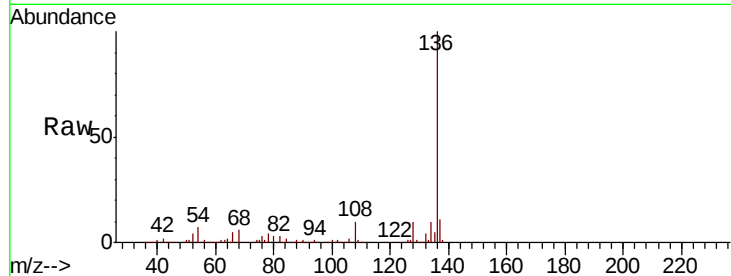
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

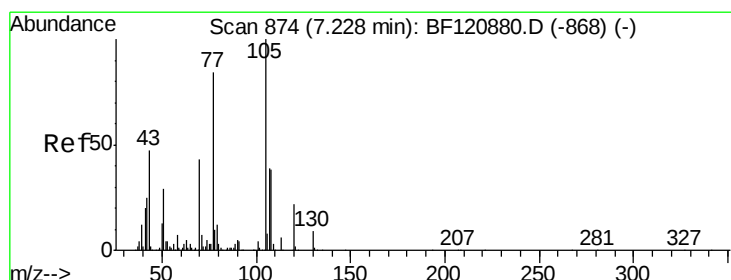
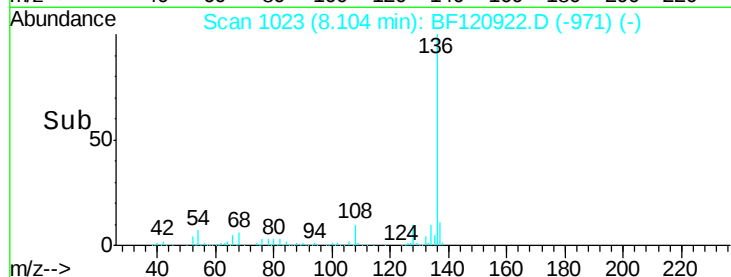
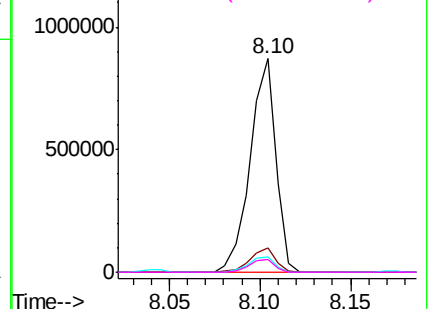
Tot Ion	Ratio	Resp	Lower	Upper
136	100	855135		
137	11.3	9.3	13.9	
54	7.1	6.3	9.5	
68	5.7	5.0	7.4	

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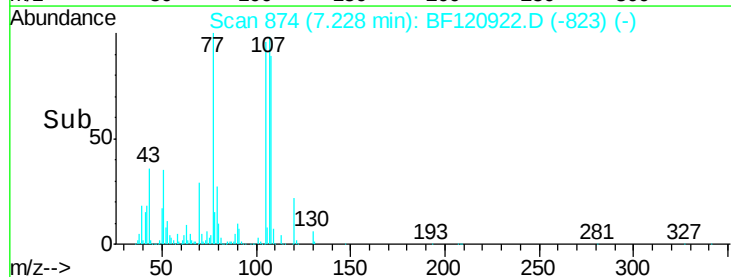
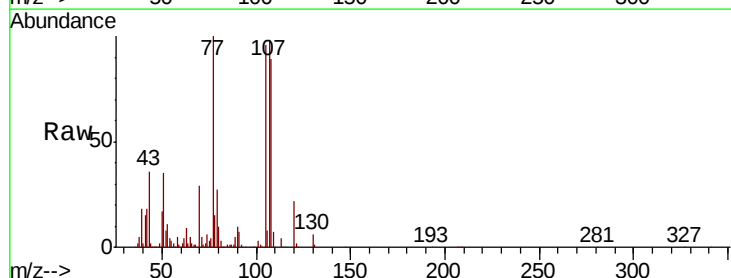
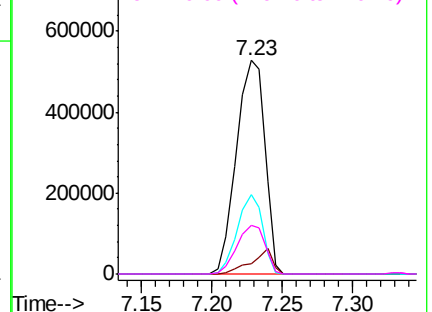
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.634 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	741451		
71	5.1	5.7	8.5#	
51	37.1	22.9	34.3#	
120	22.8	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





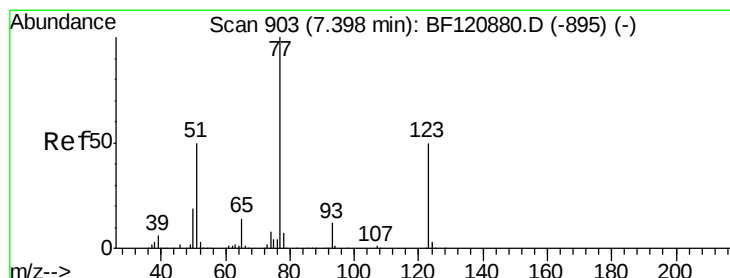
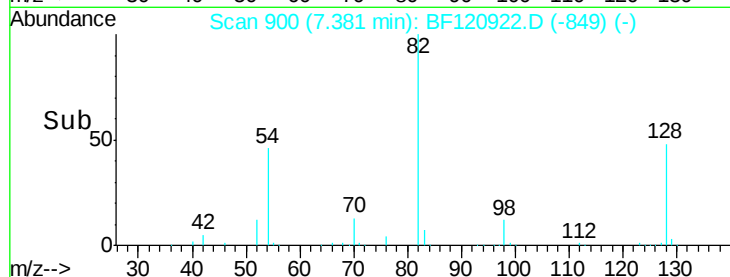
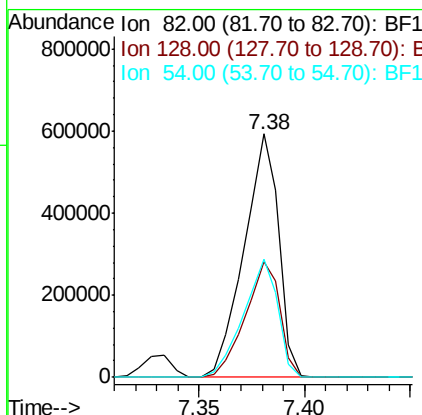
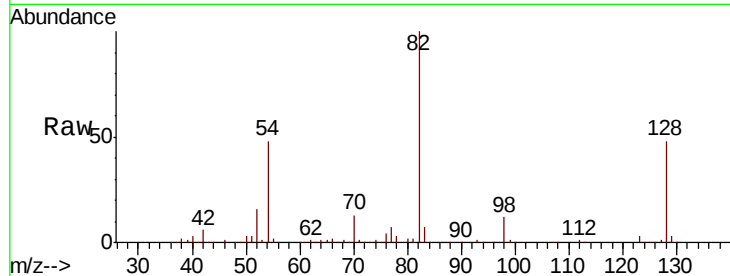
#23
Nitrobenzene-d5
Concen: 45.623 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.2	57.4
54	48.4	38.7	58.1

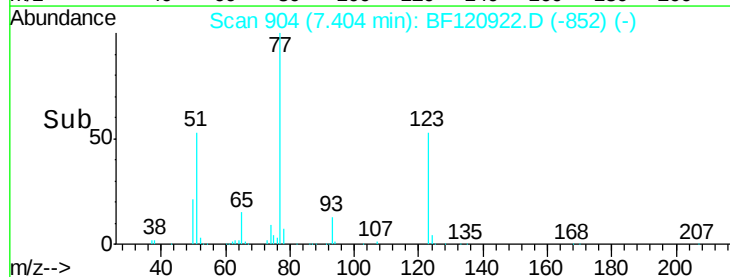
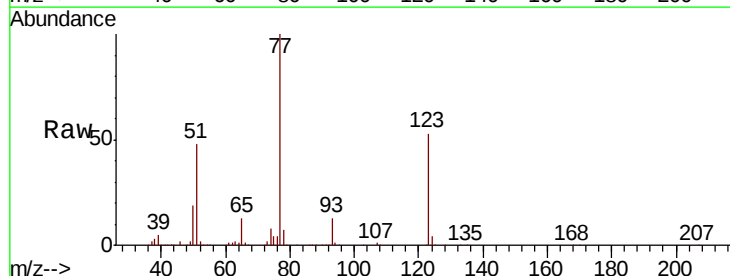
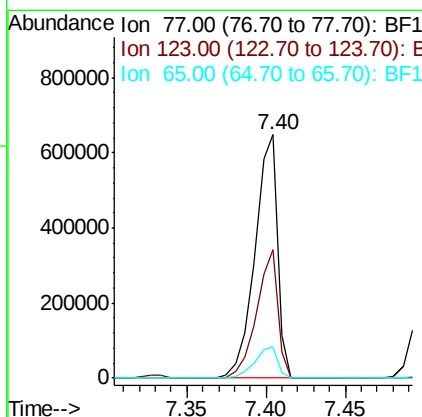
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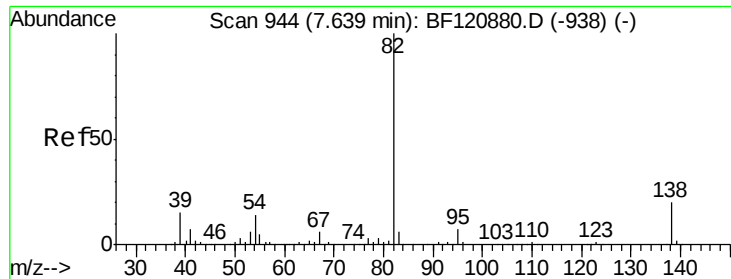
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#24
Nitrobenzene
Concen: 40.400 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	40.1	60.1
65	13.0	10.8	16.2





#25

Isophorone

Concen: 40.173 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion: 82 Resp: 1184902

Ion Ratio Lower Upper

82 100

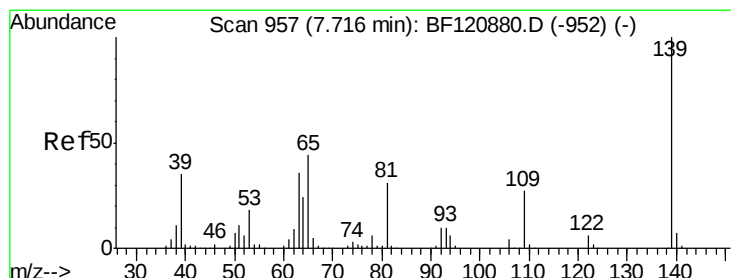
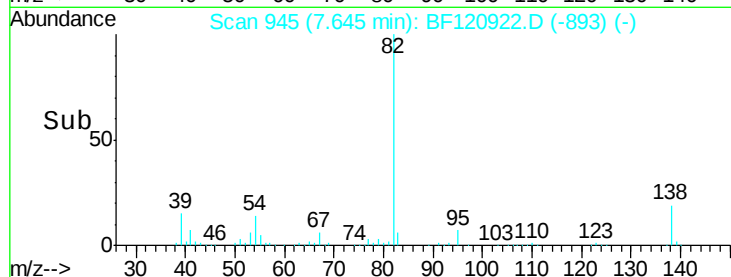
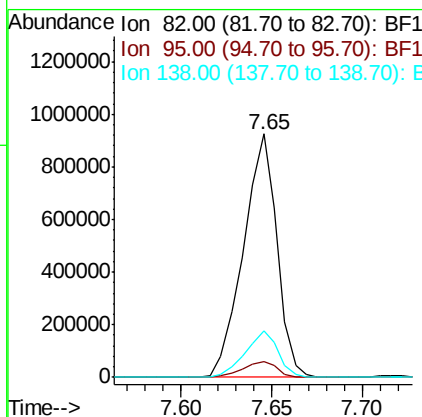
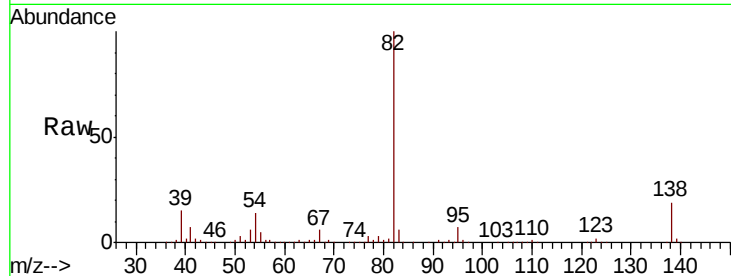
95 6.6 5.5 8.3

138 19.0 15.6 23.4

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#26

2-Nitrophenol

Concen: 45.588 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

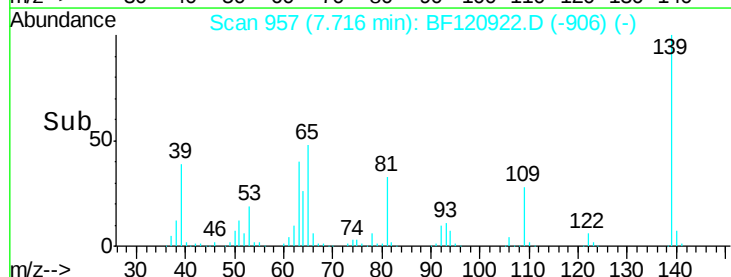
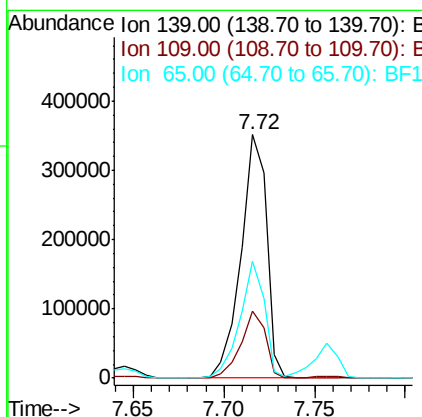
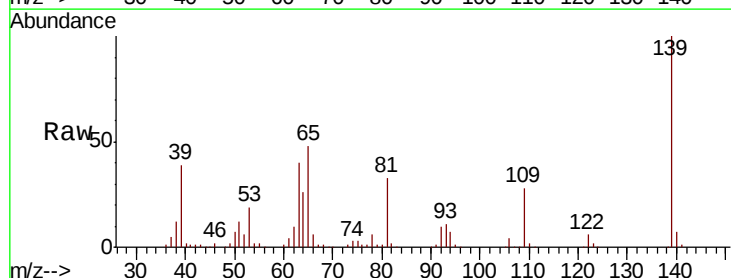
Tgt Ion: 139 Resp: 344867

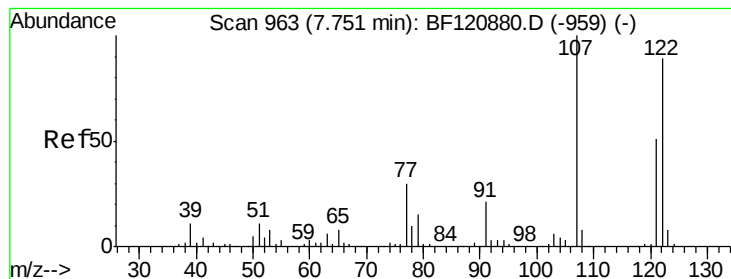
Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

65 48.2 35.3 52.9





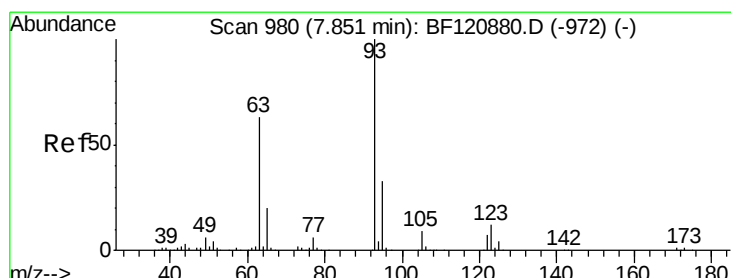
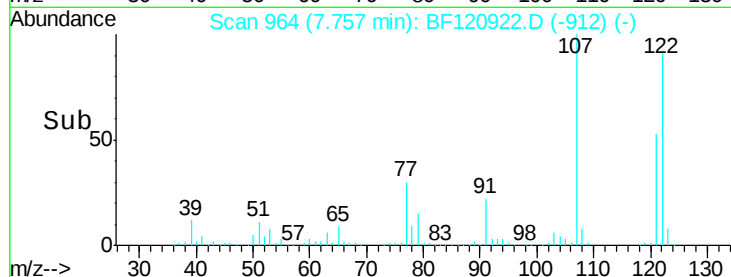
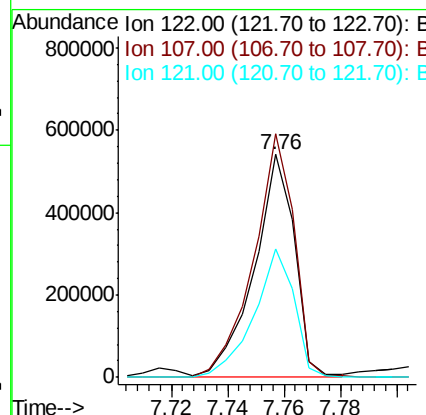
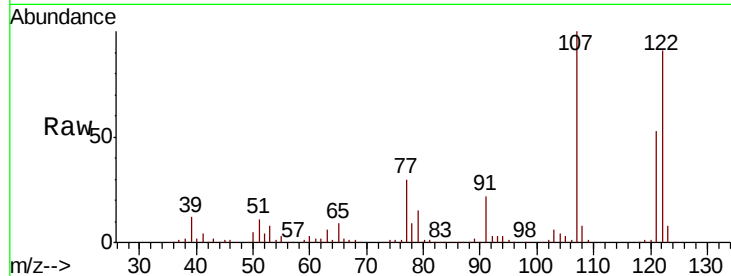
#27
2,4-Dimethylphenol
Concen: 43.797 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	89.4	134.0
121	57.6	46.0	69.0

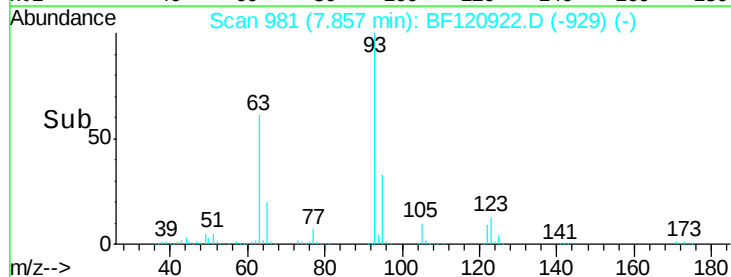
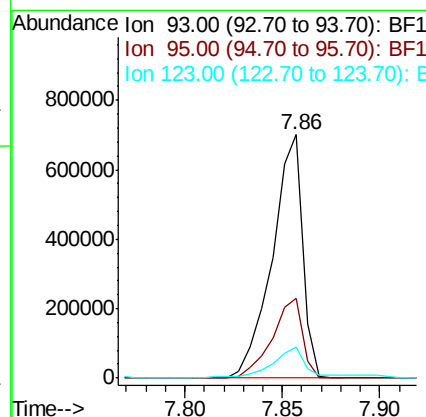
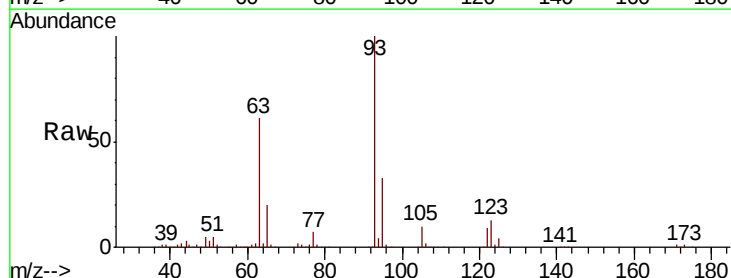
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#28
bis(2-Chloroethoxy)methane
Concen: 41.935 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	12.7	10.0	15.0





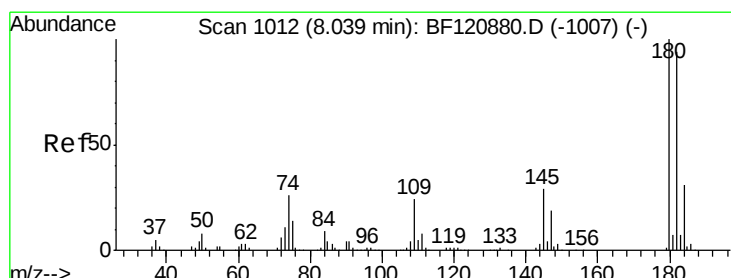
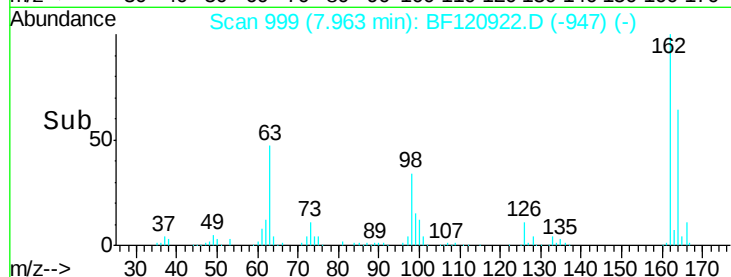
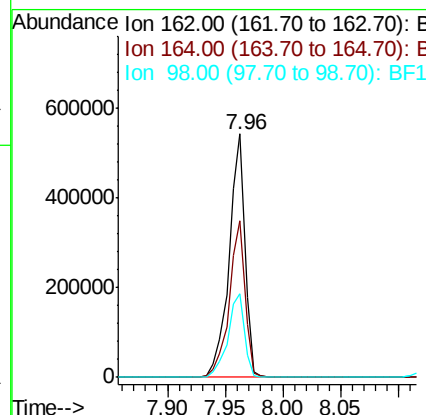
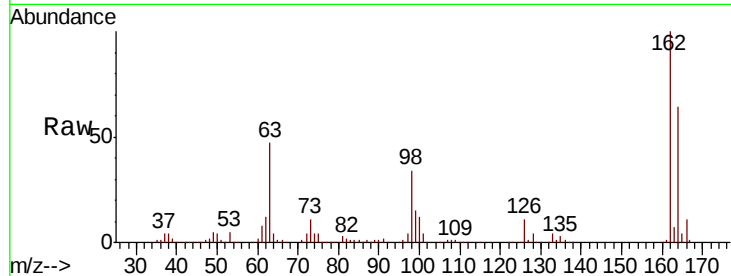
#29
2,4-Dichlorophenol
Concen: 41.334 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	518778		
164	64.1	45.3	85.3	
98	34.2	13.3	53.3	

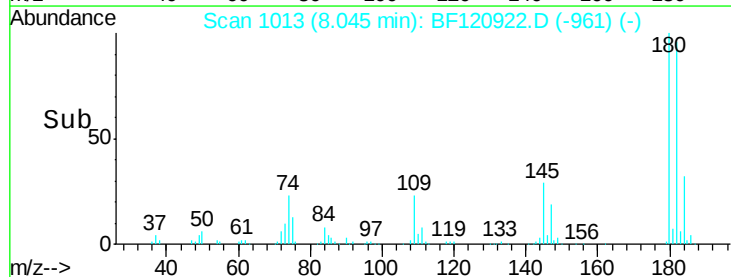
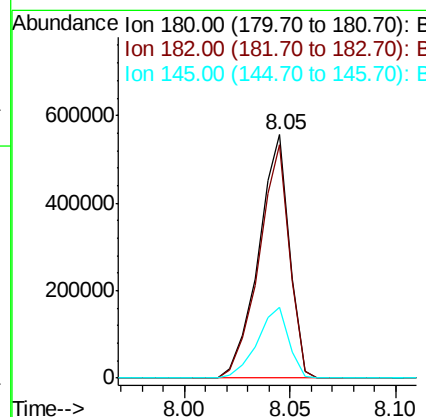
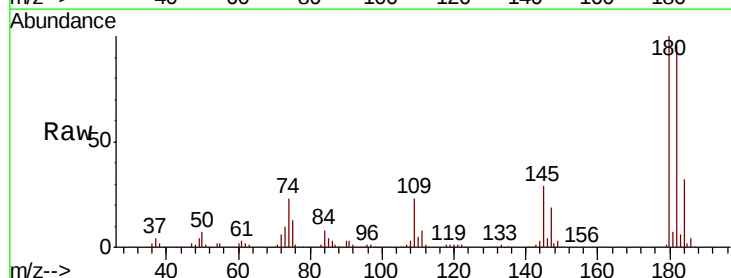
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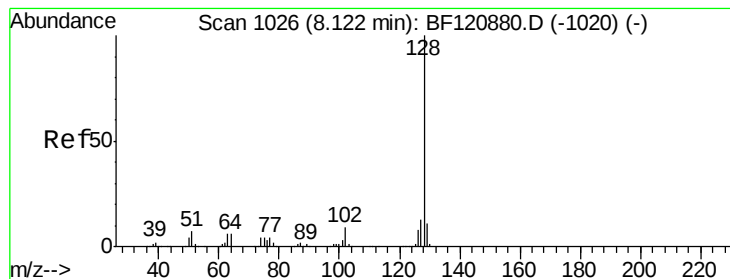
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.447 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	563210		
182	96.1	75.0	112.6	
145	29.3	23.5	35.3	





#31

Naphthalene

Concen: 38.992 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion:128 Resp: 1710363

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

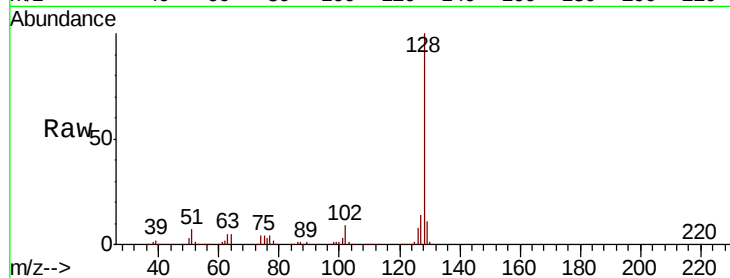
127 13.6 10.7 16.1

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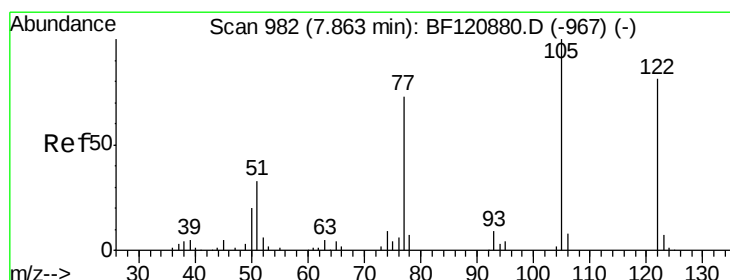
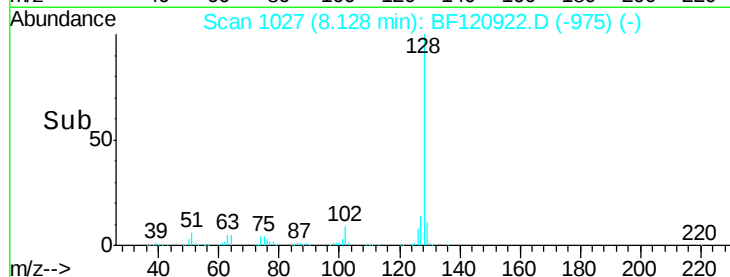
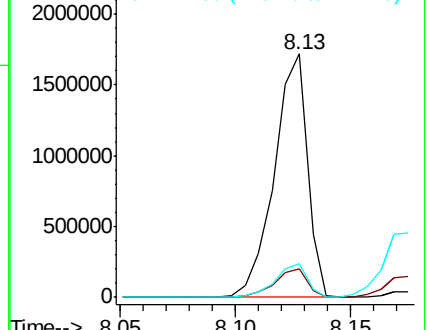
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.092 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

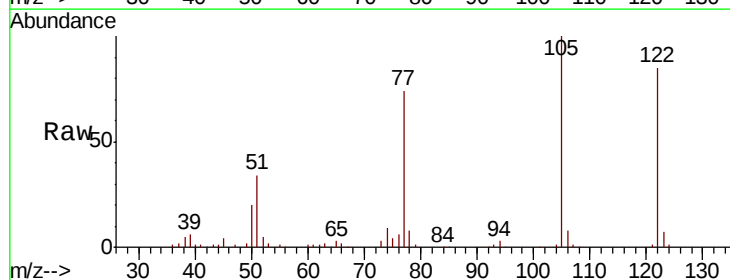
Tgt Ion:122 Resp: 452628

Ion Ratio Lower Upper

122 100

105 117.6 101.3 141.3

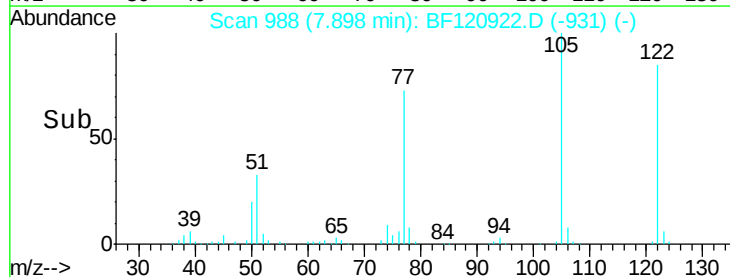
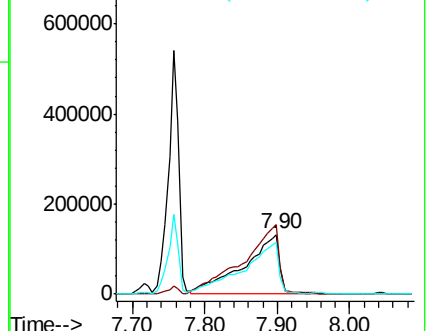
77 87.4 69.1 109.1

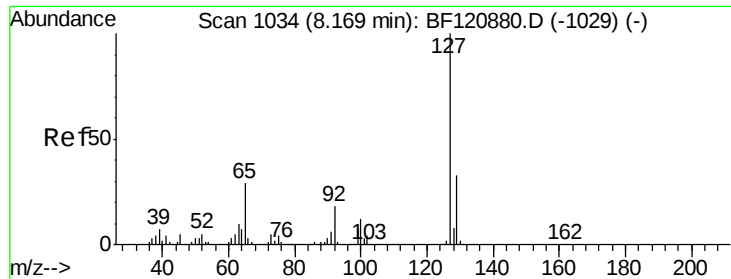


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





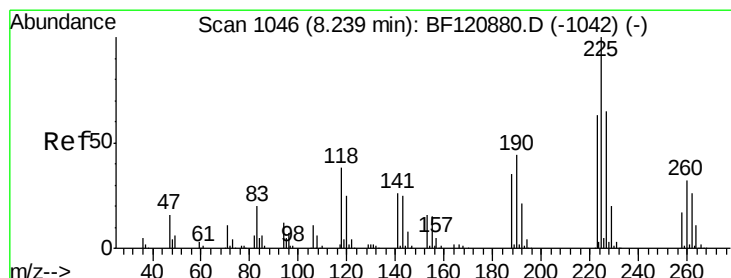
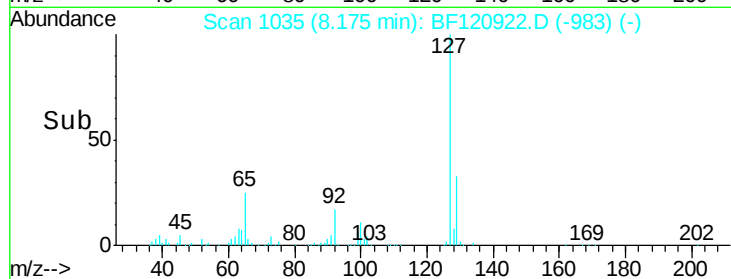
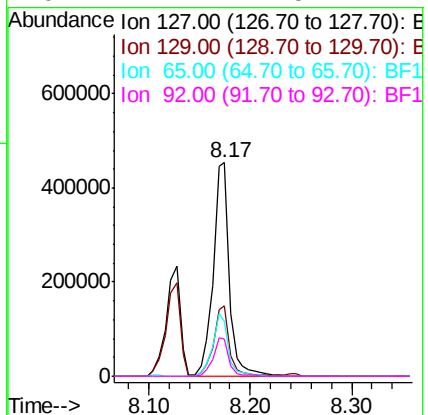
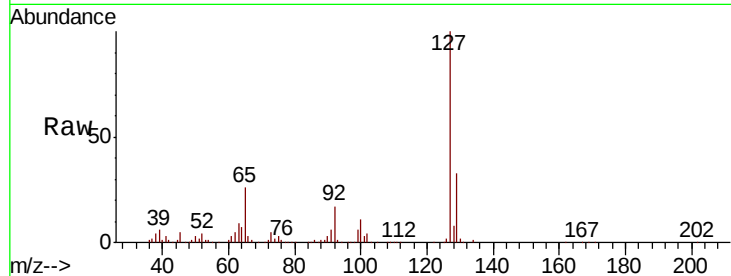
#33
 4-Chloroaniline
 Concen: 25.792 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.5	39.7		
65	25.5	23.0	34.4		
92	17.2	14.5	21.7		

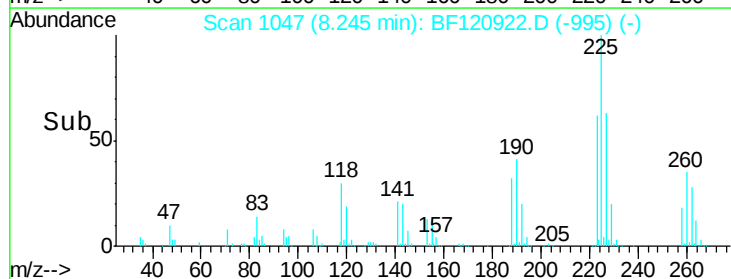
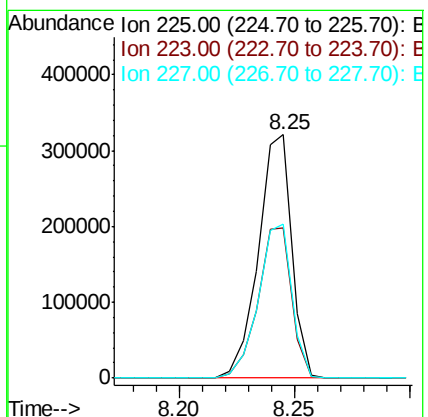
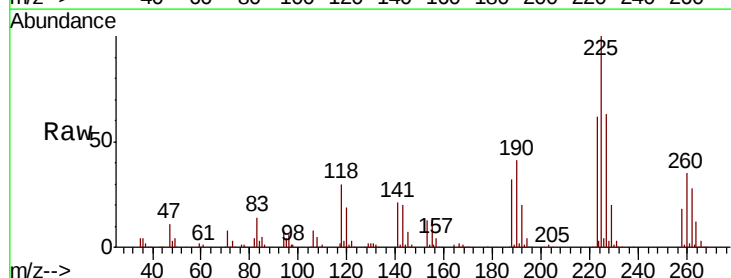
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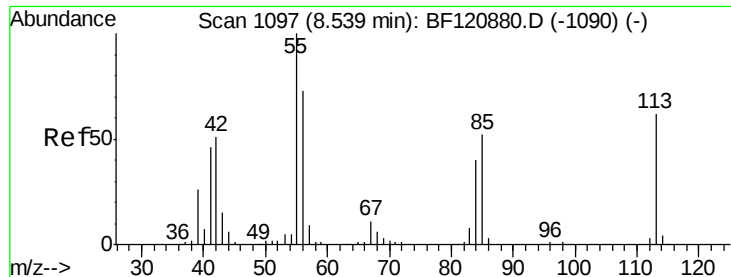
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#34
 Hexachlorobutadiene
 Concen: 39.331 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.6	76.0		
227	63.5	52.2	78.2		





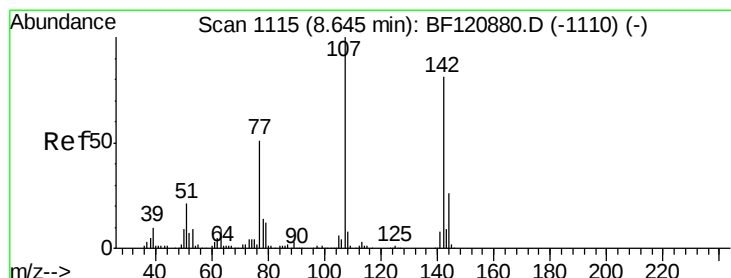
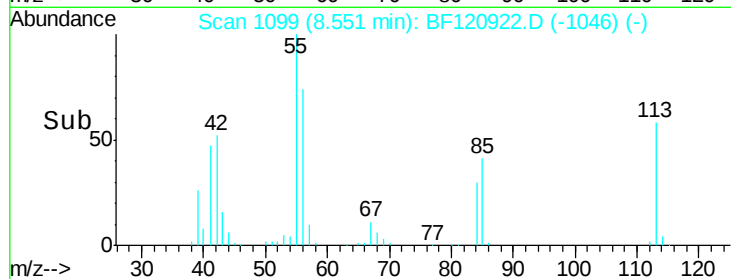
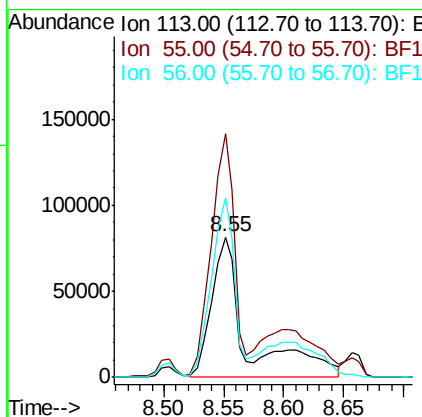
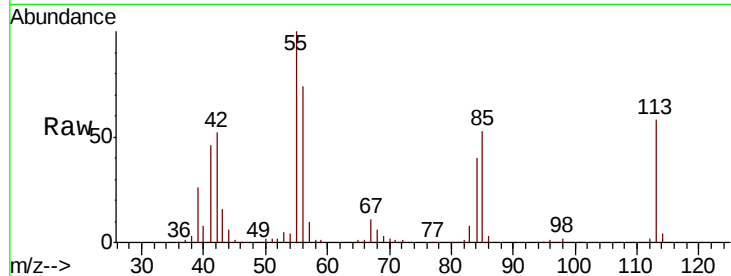
#35
Caprolactam
Concen: 41.261 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.2	143.3	183.3
56	127.4	99.4	139.4

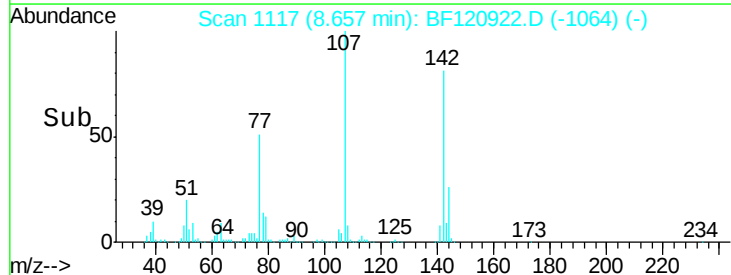
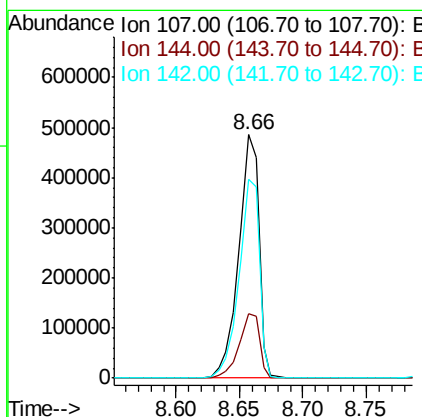
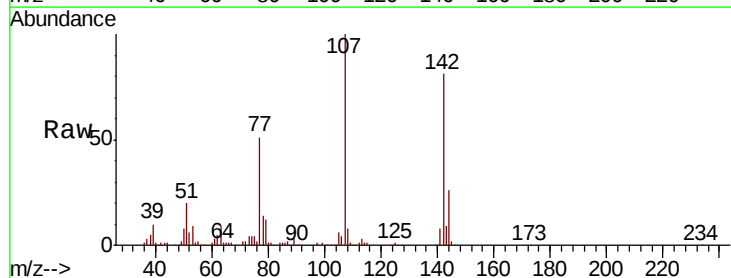
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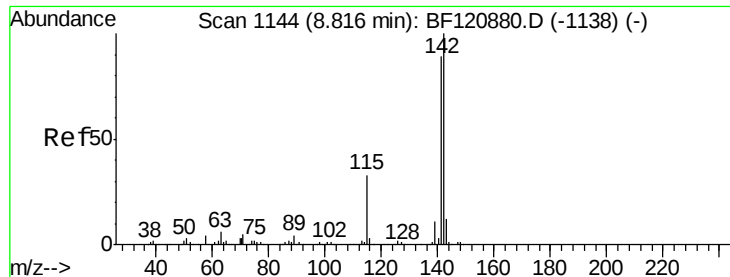
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#36
4-Chloro-3-methylphenol
Concen: 41.459 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.6
142	81.4	65.0	97.6





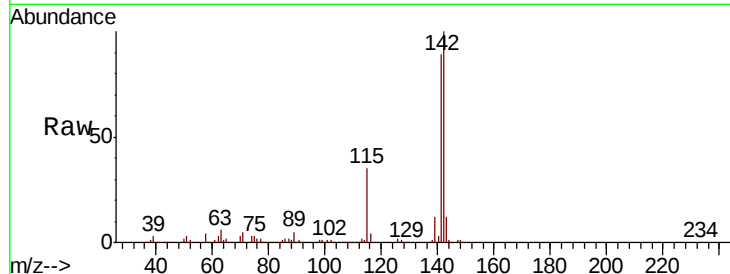
#37
2-Methylnaphthalene
Concen: 39.981 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	34.6	26.0	39.0

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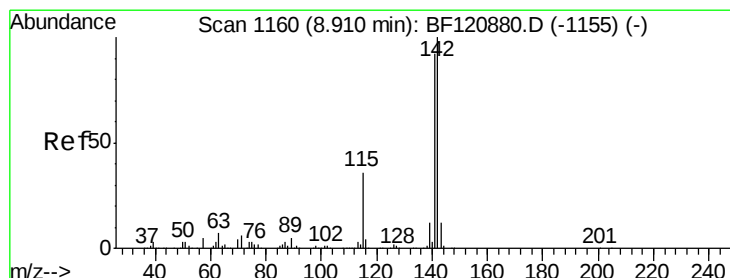
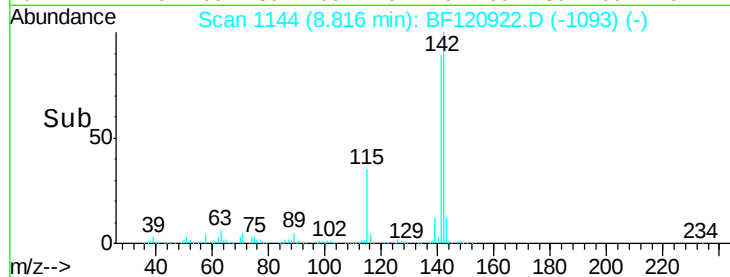
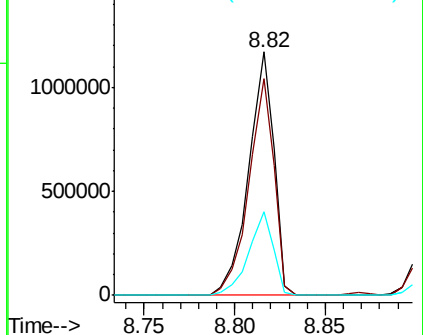


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.325 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

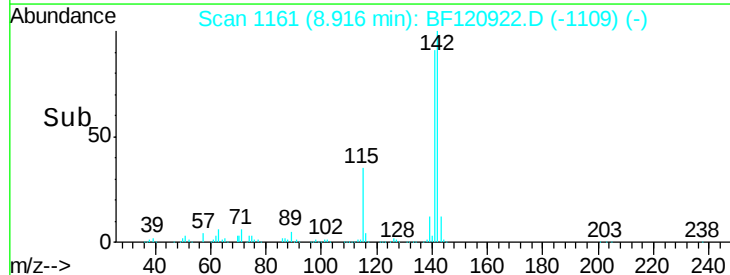
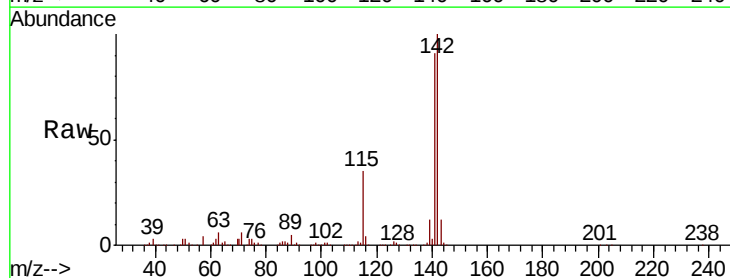
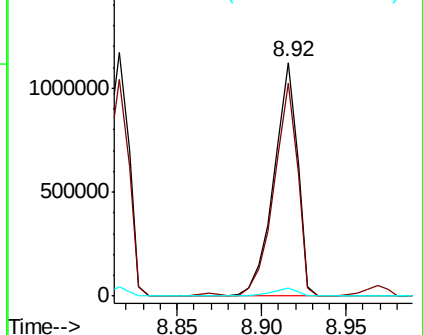
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.7	3.0	4.6

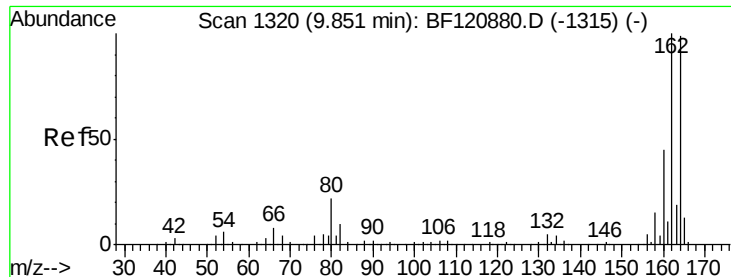
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

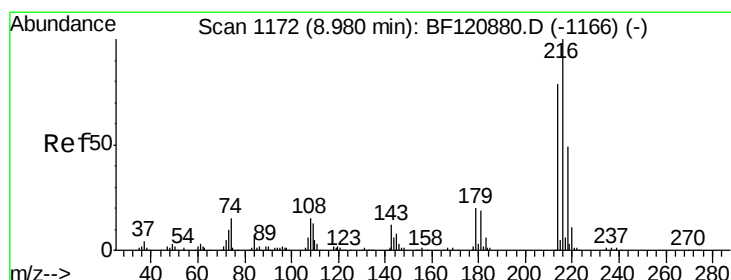
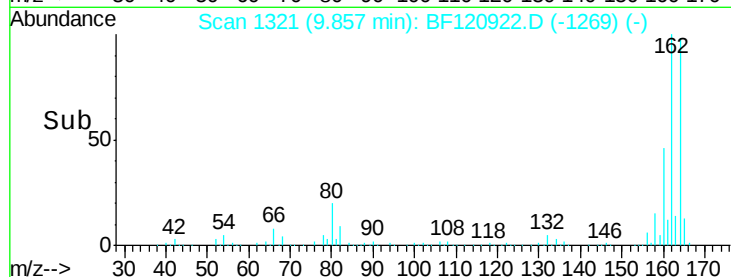
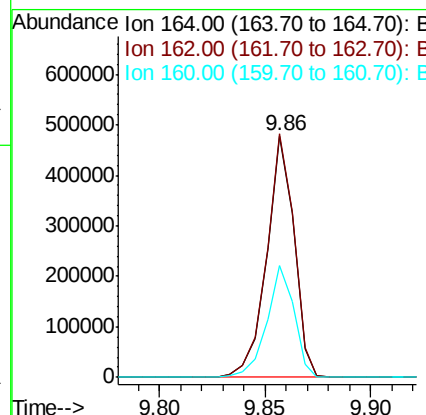
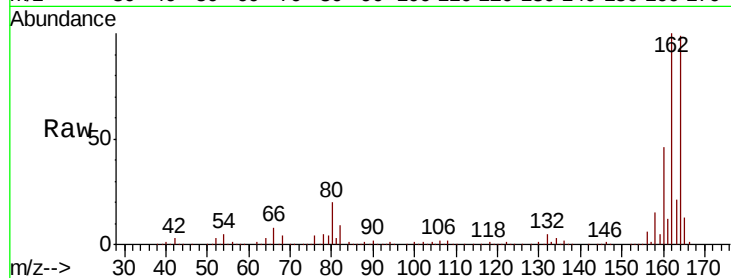
ClientSampleId :

TP-11-SMSD

Tot Ion:	164	Resp:	432154
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.2	121.8
160	46.5	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.366 ng

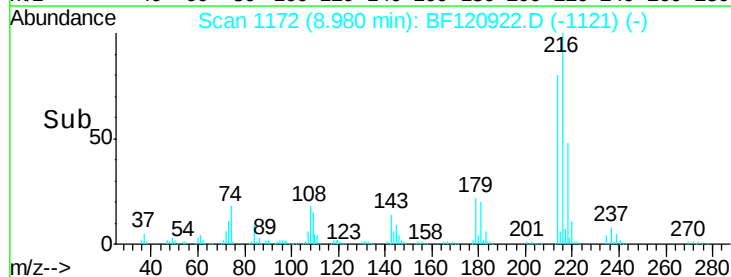
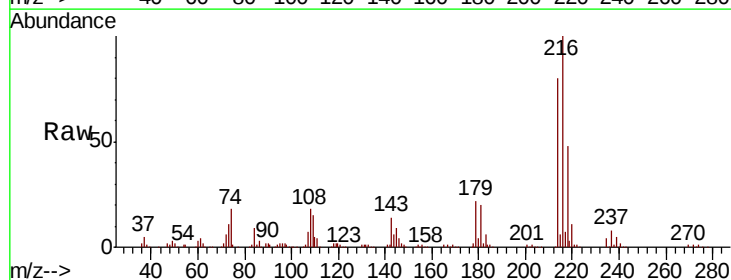
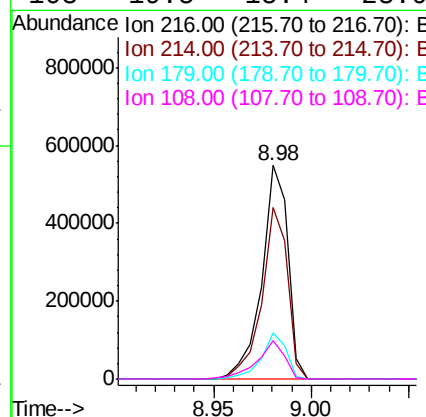
RT: 8.98 min Scan# 1172

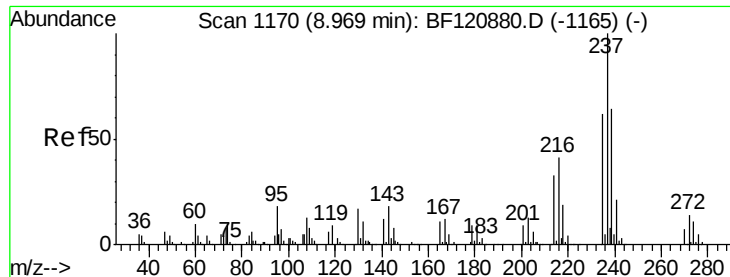
Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	216	Resp:	508248
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.8
179	20.6	16.6	24.8
108	19.5	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 58.181 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

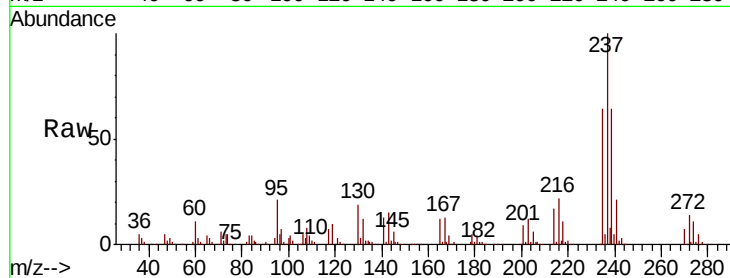
ClientSampleId :

TP-11-SMSD

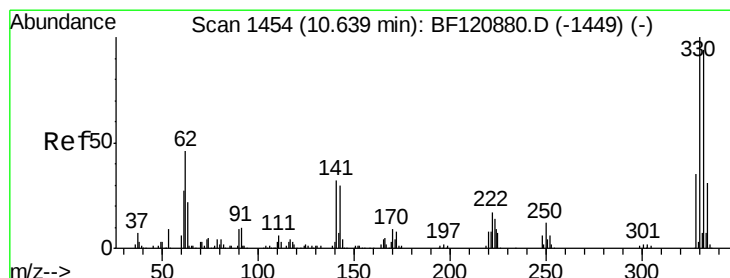
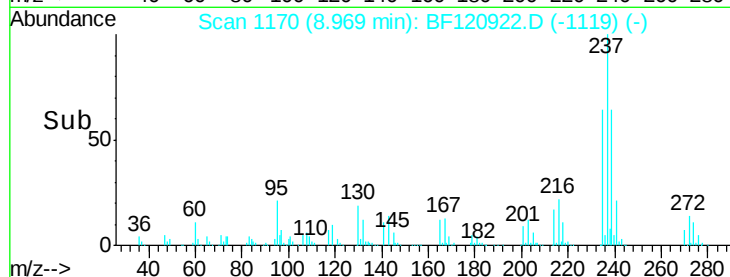
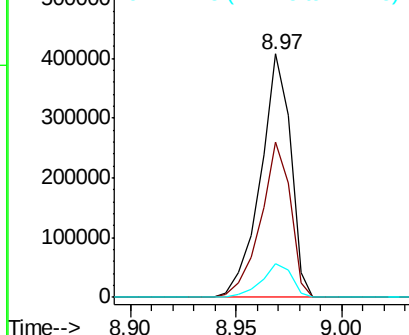
Tot Ion:	237	Resp:	404872
Ion Ratio	Lower	Upper	
237	100		
235	63.8	41.6	81.6
272	13.7	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 65.825 ng

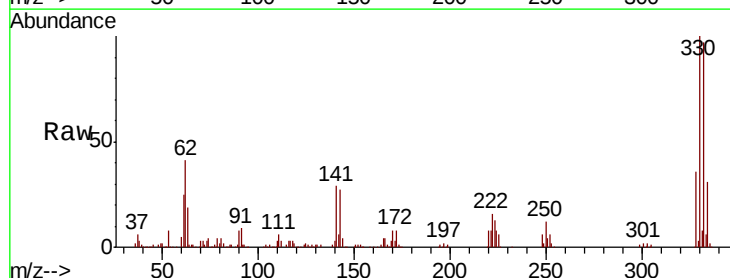
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

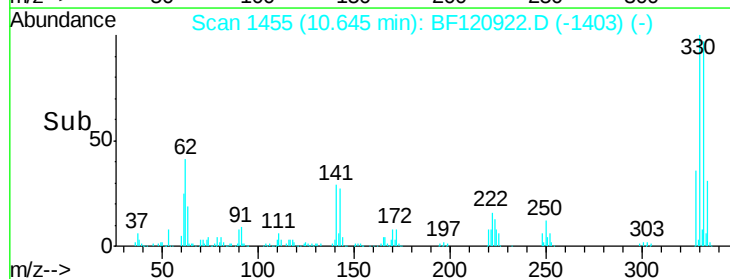
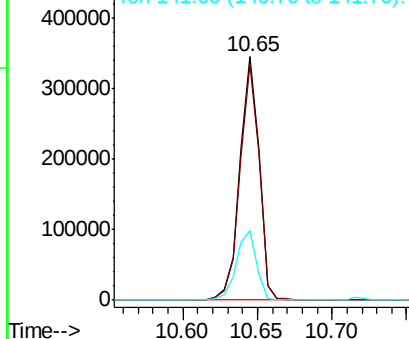
Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:	330	Resp:	311376
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.5	113.3
141	30.4	25.7	38.5



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





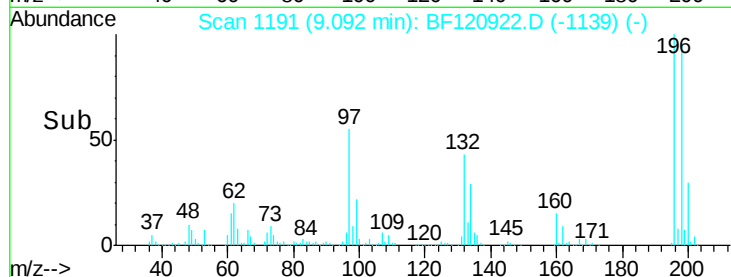
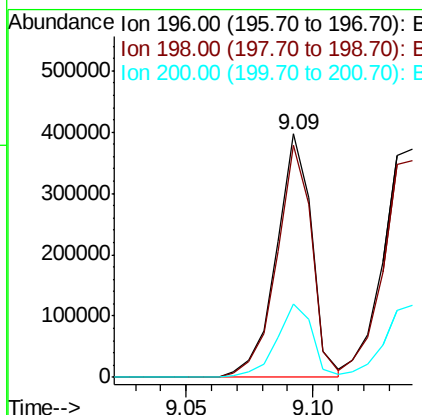
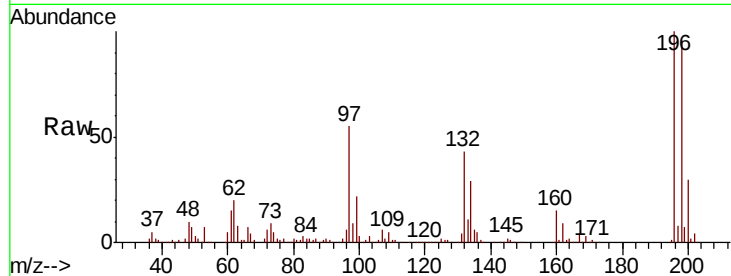
#43
 2,4,6-Trichlorophenol
 Concen: 43.043 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	381588		
198	95.5	75.7	113.5	
200	30.2	24.4	36.6	

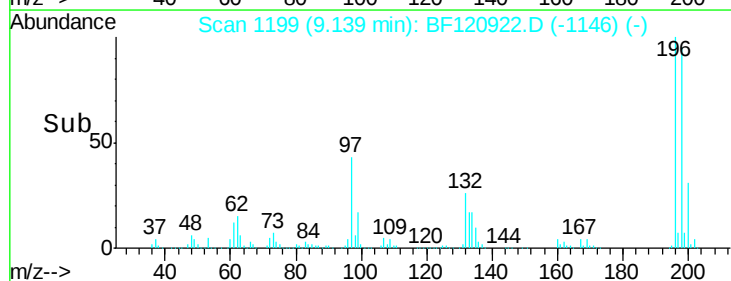
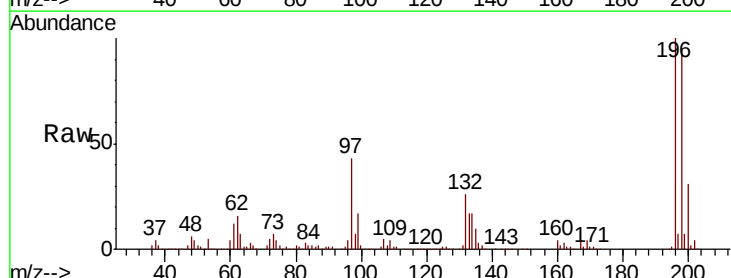
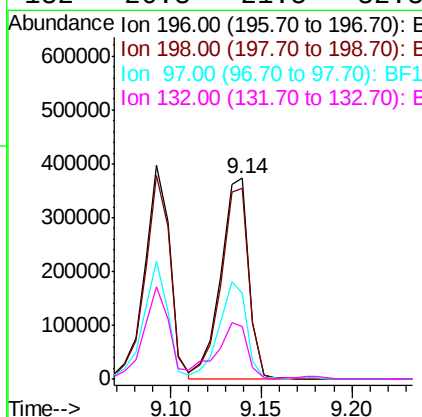
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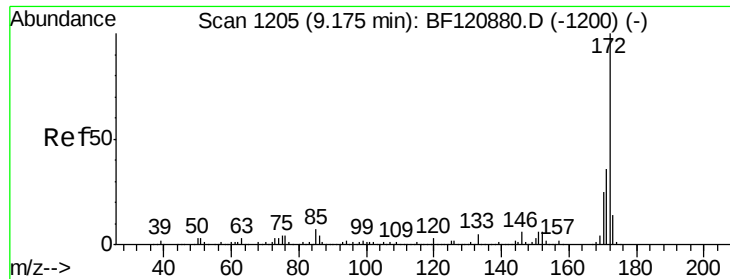
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#44
 2,4,5-Trichlorophenol
 Concen: 39.981 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	402059		
198	95.1	77.6	116.4	
97	42.9	35.6	53.4	
132	26.3	21.5	32.3	





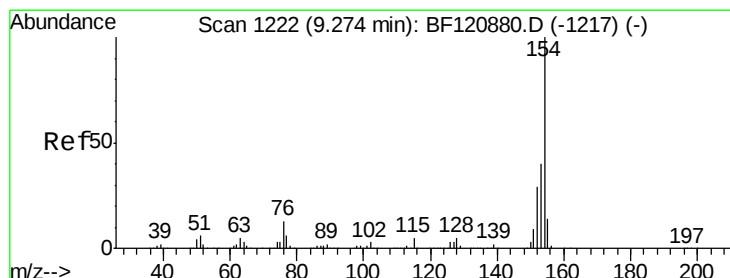
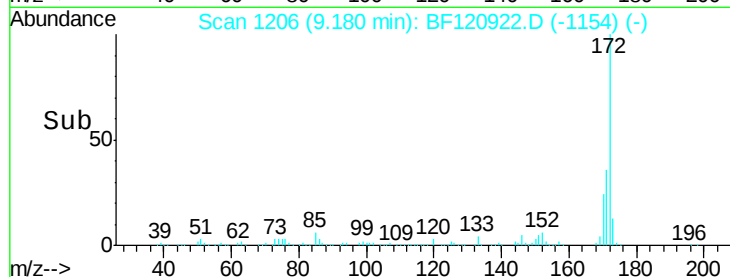
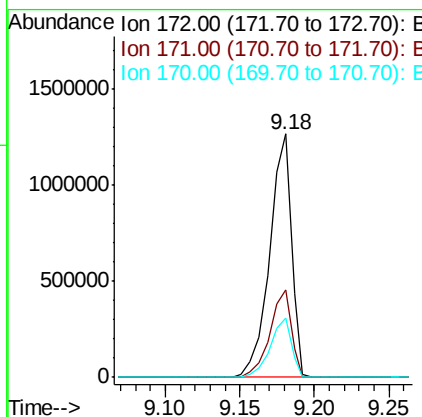
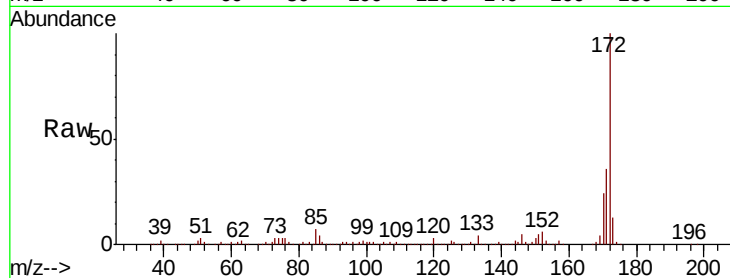
#45
2-Fluorobiphenyl
Concen: 44.002 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.2	19.6	29.4

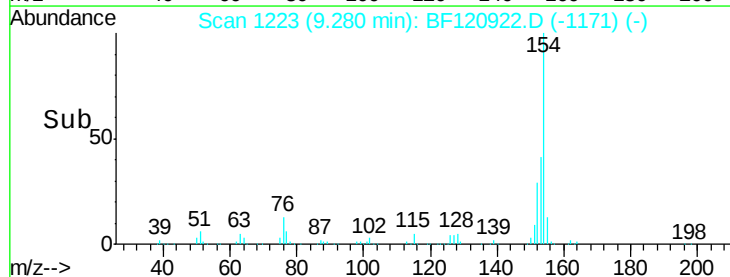
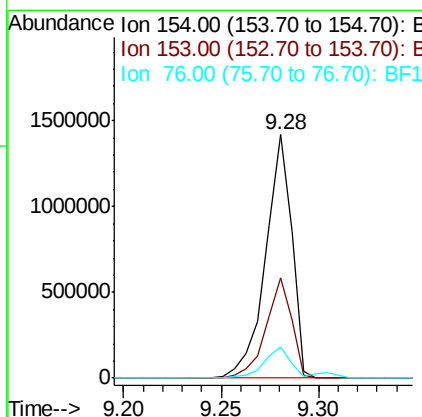
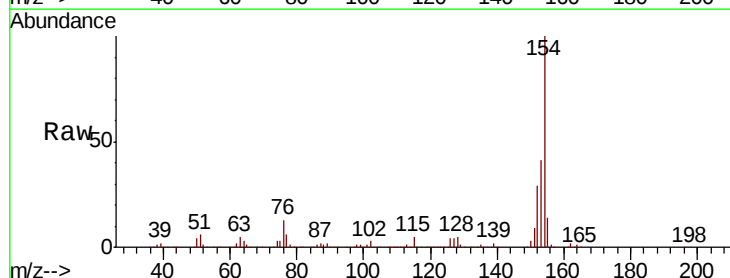
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#46
1,1'-Biphenyl
Concen: 39.994 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	13.0	0.0	33.1





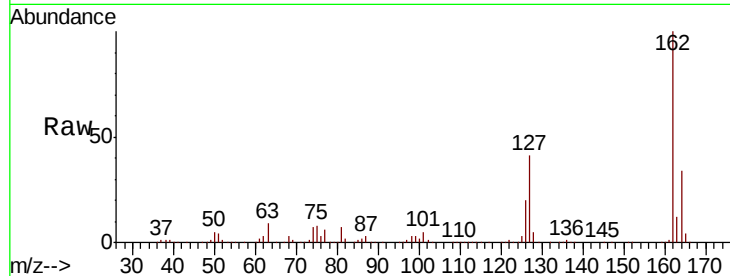
#47
 2-Chloronaphthalene
 Concen: 39.471 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

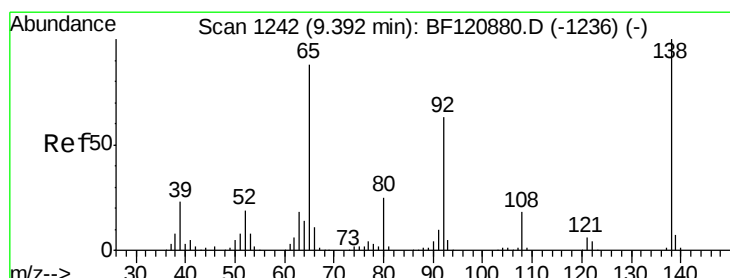
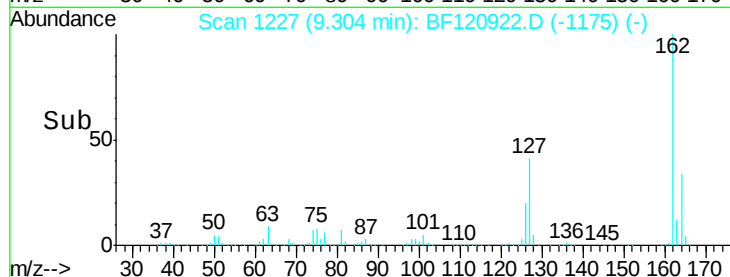
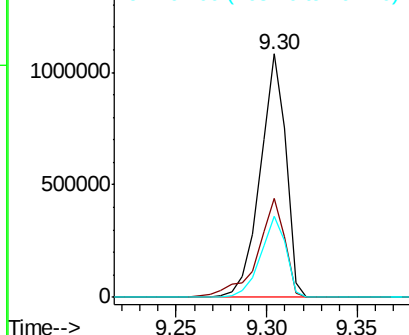
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.3	49.9
164	33.6	26.6	39.8

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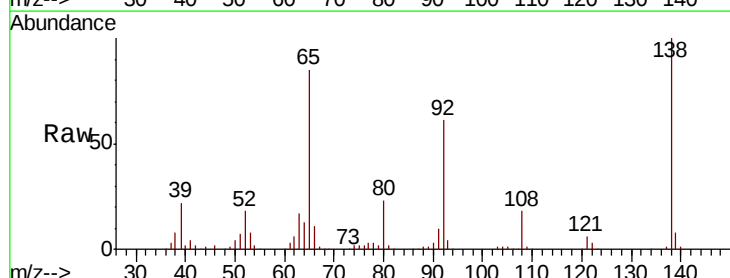


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

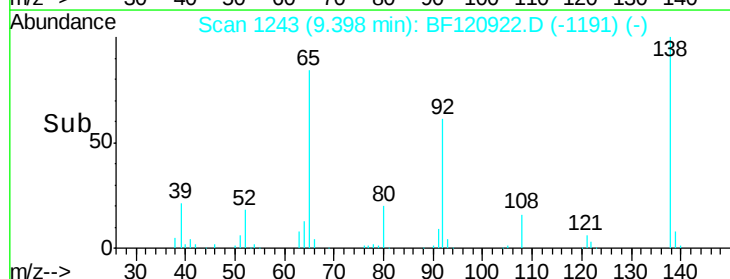
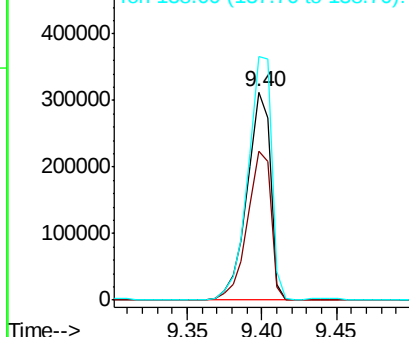


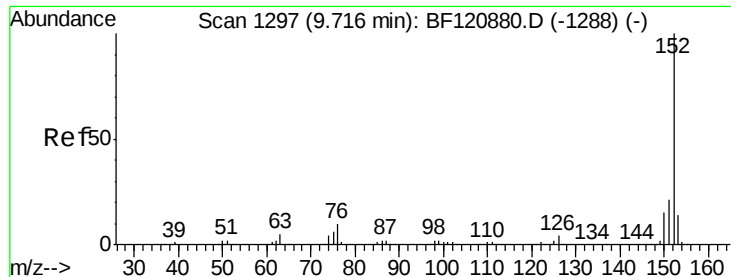
#48
 2-Nitroaniline
 Concen: 41.586 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.0	85.4
138	117.2	90.4	135.6



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





#49

Acenaphthylene

Concen: 39.306 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion:152 Resp: 1641156

Ion Ratio Lower Upper

152 100

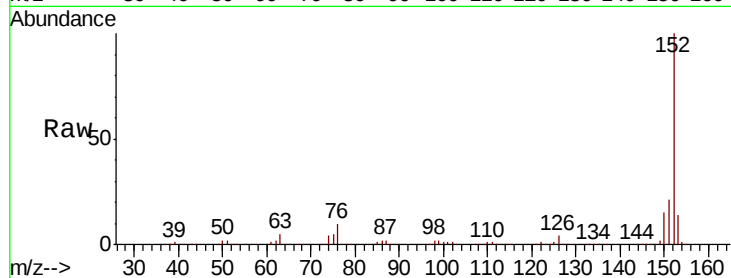
151 21.0 16.6 25.0

153 13.7 10.9 16.3

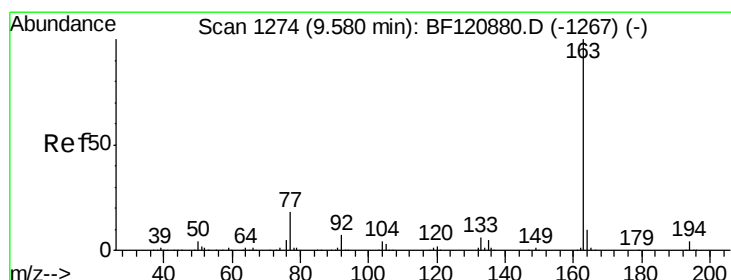
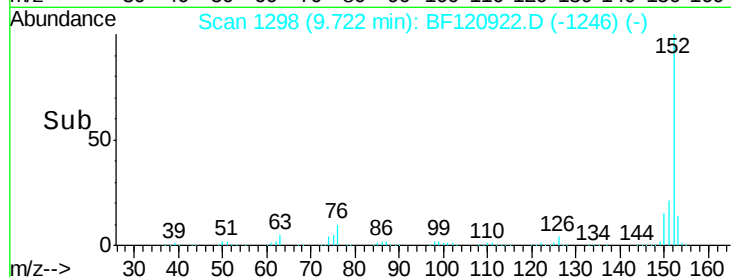
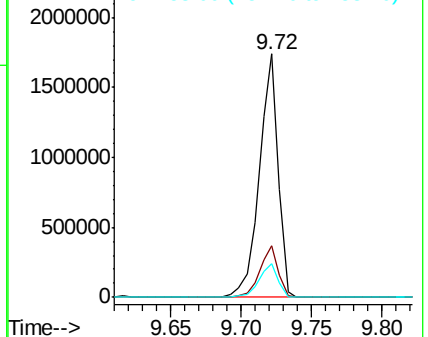
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.458 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

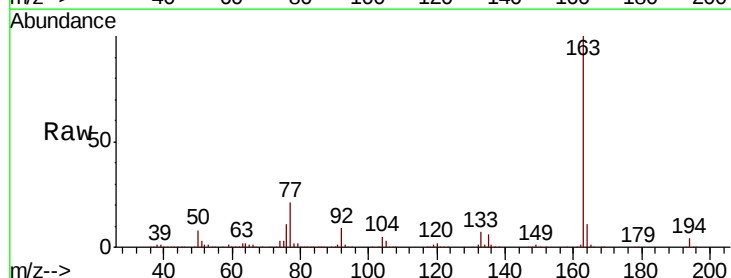
Tgt Ion:163 Resp: 1448427

Ion Ratio Lower Upper

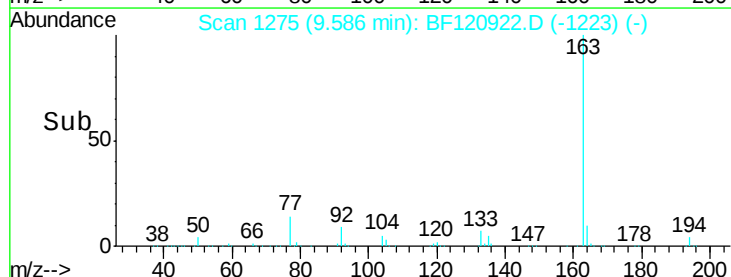
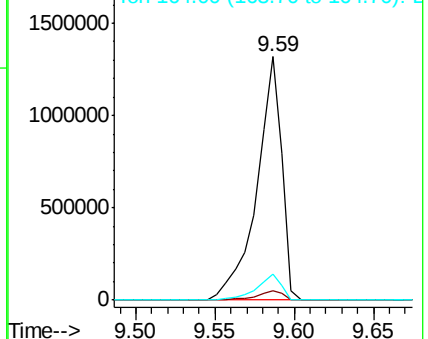
163 100

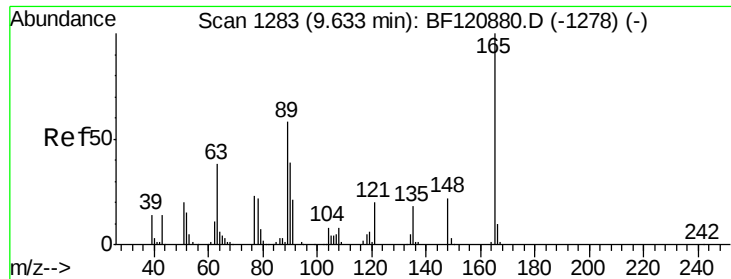
194 4.0 3.2 4.8

164 10.8 7.9 11.9



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





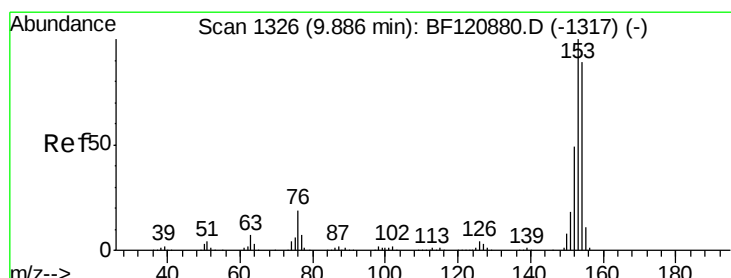
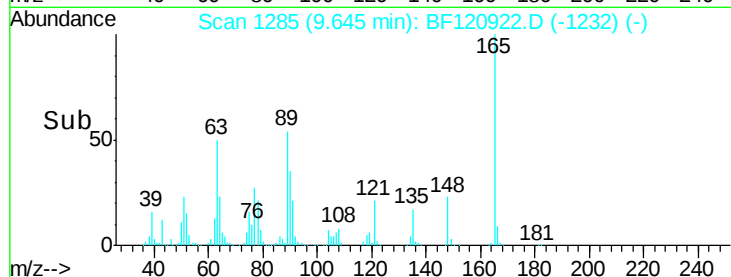
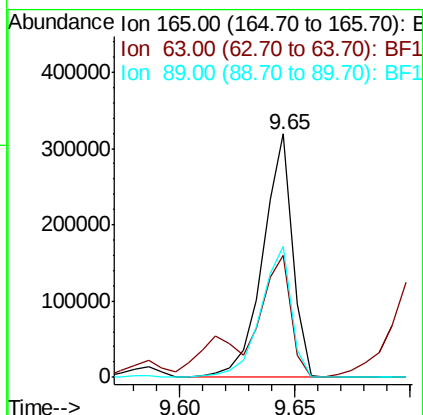
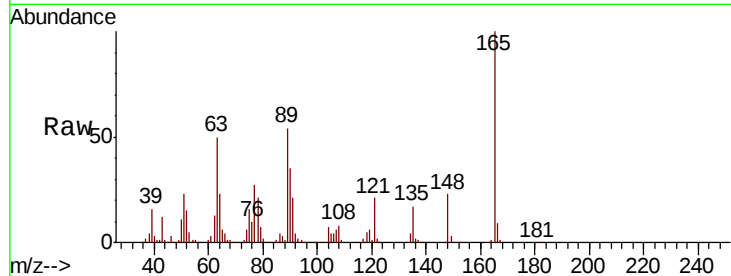
#51
2,6-Dinitrotoluene
Concen: 42.594 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	285303		
63	49.9		45.4	68.2
89	53.6		47.0	70.4

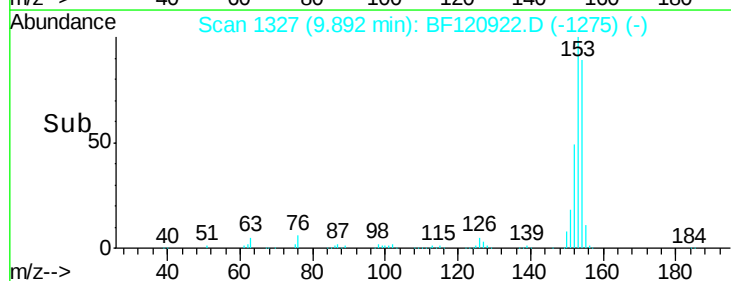
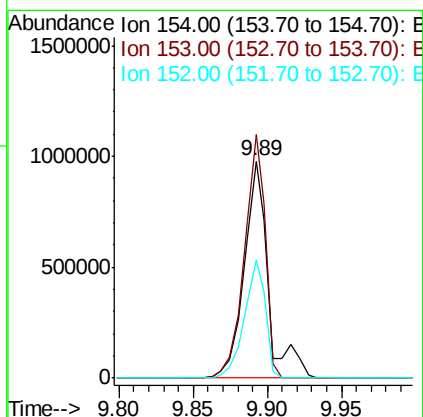
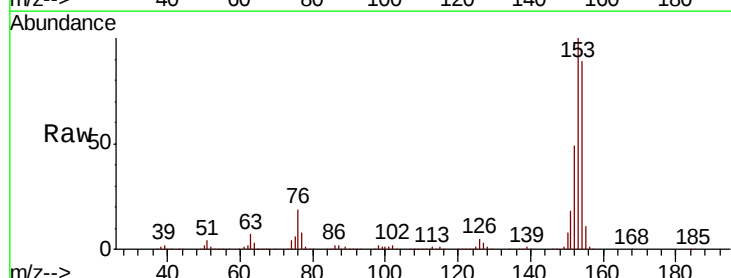
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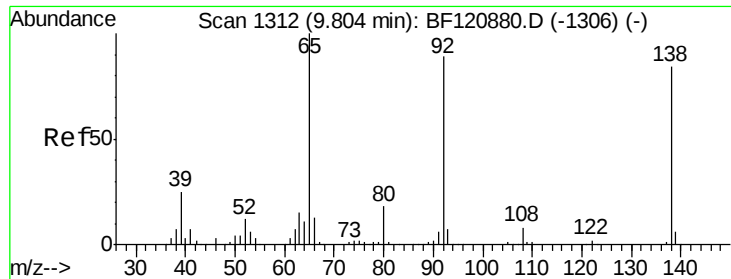
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#52
Acenaphthene
Concen: 41.914 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1112612		
153	112.0		89.5	134.3
152	54.5		44.2	66.2





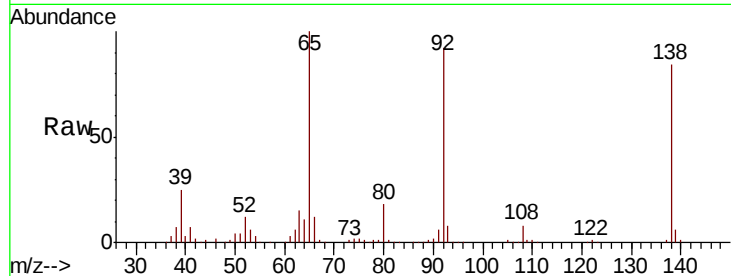
#53
3-Nitroaniline
Concen: 27.512 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

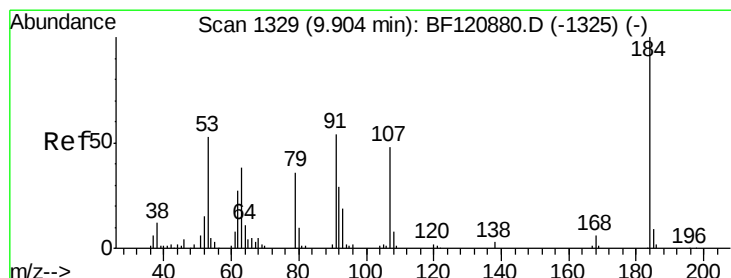
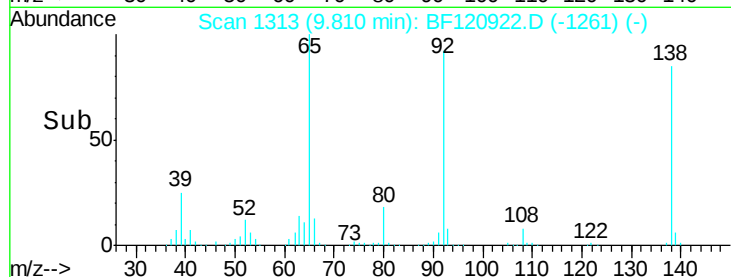
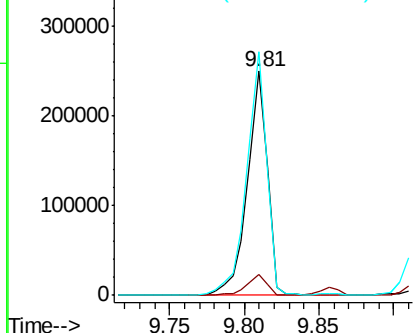
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	108.7	85.3	127.9

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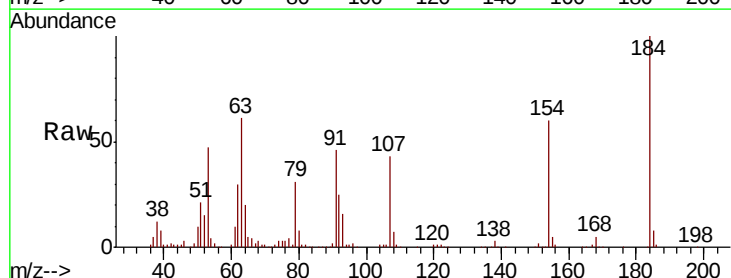


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

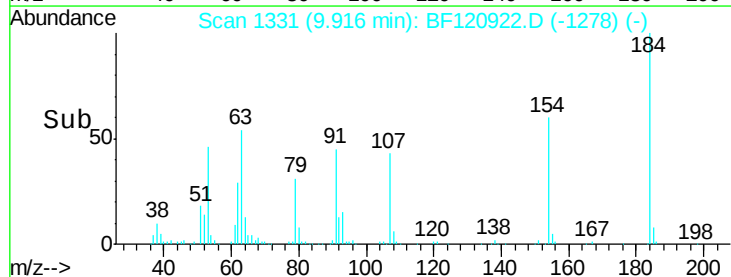
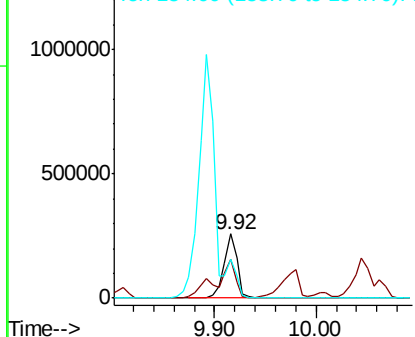


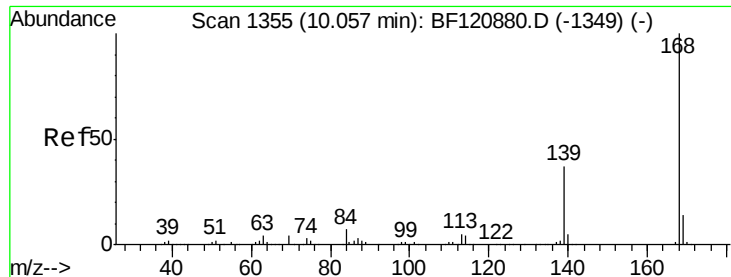
#54
2,4-Dinitrophenol
Concen: 62.438 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	57.9	86.9
154	60.1	52.6	78.8



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





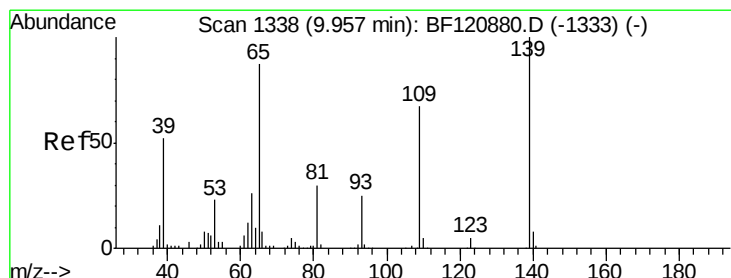
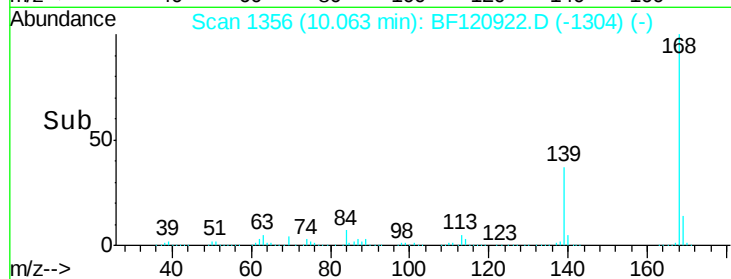
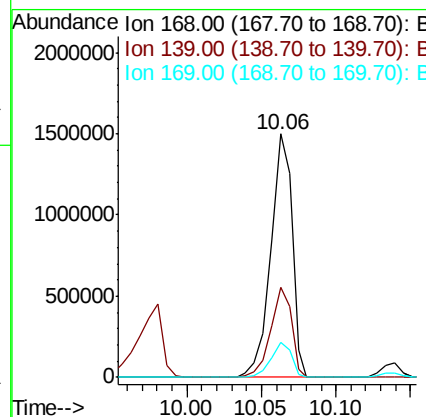
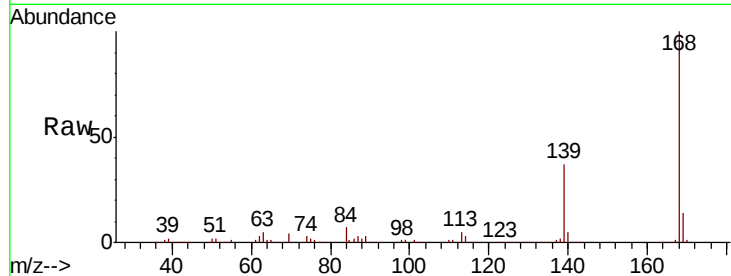
#55
Dibenzofuran
Concen: 38.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.7	44.5
169	14.4	11.1	16.7

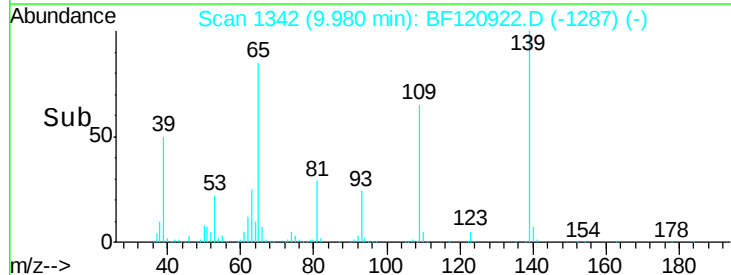
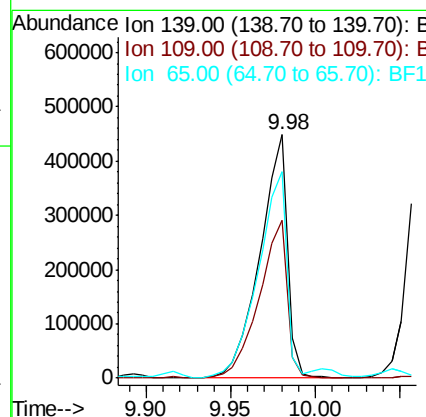
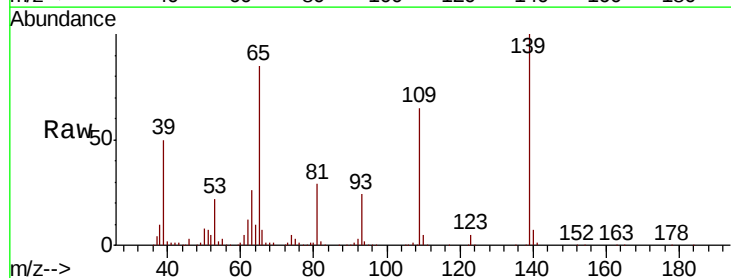
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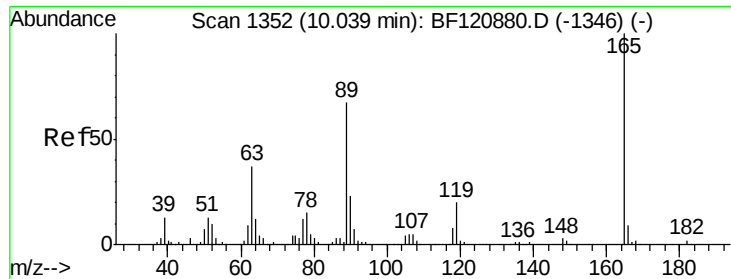
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#56
4-Nitrophenol
Concen: 79.839 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	47.3	87.3
65	85.0	67.2	107.2





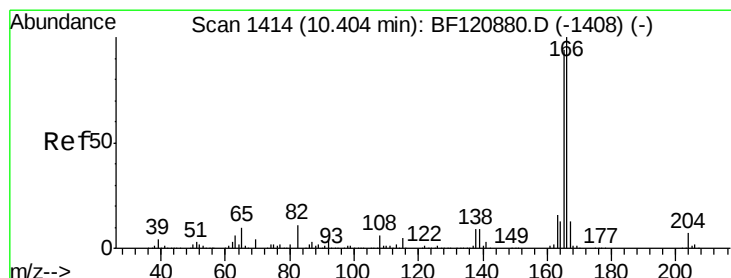
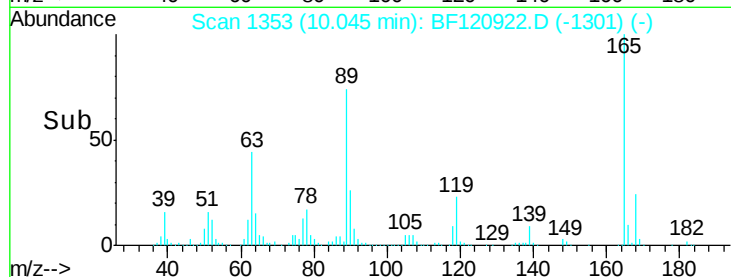
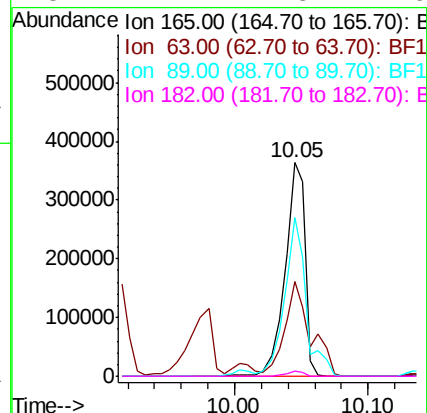
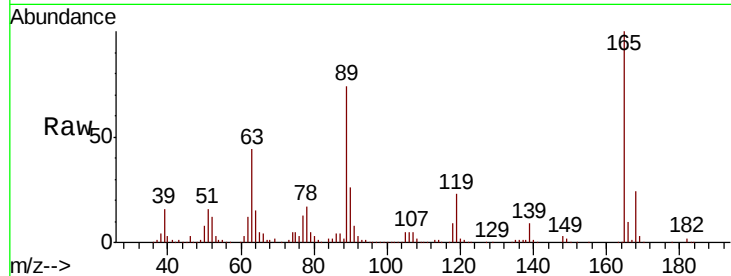
#57
2,4-Dinitrotoluene
Concen: 43.524 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	382841		
63	44.5	29.4	44.2	#
89	74.3	53.4	80.0	
182	2.4	1.8	2.6	

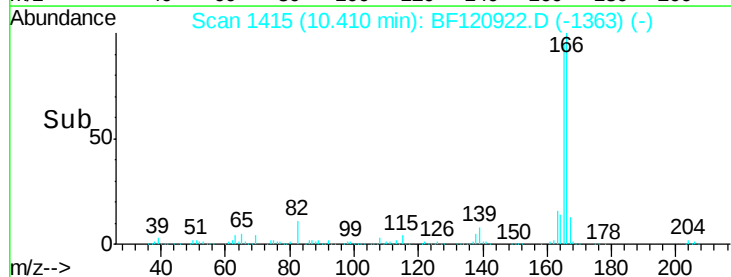
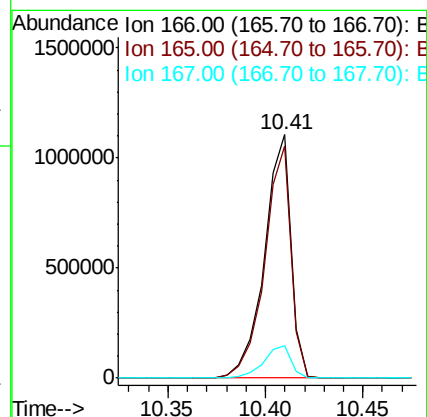
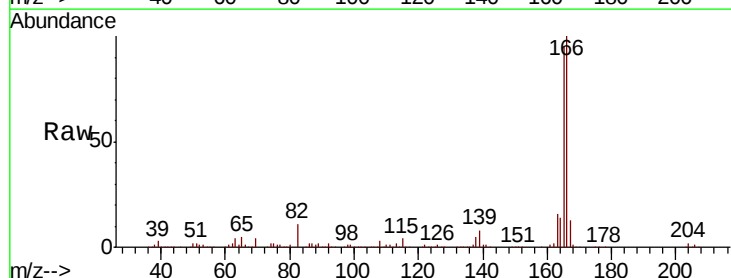
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#58
Fluorene
Concen: 36.331 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1040148		
165	95.1	75.4	113.0	
167	13.5	10.6	15.8	





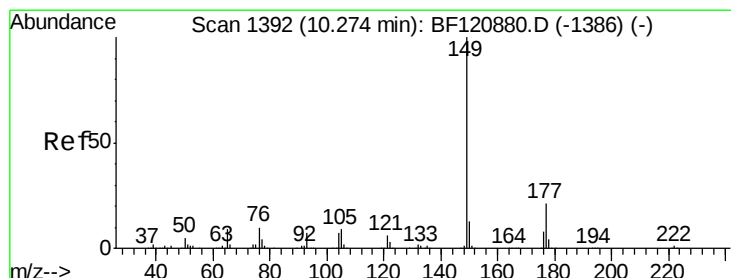
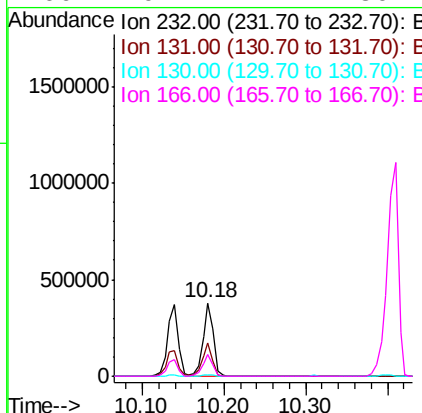
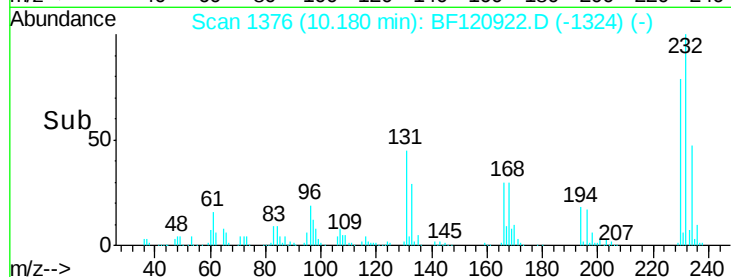
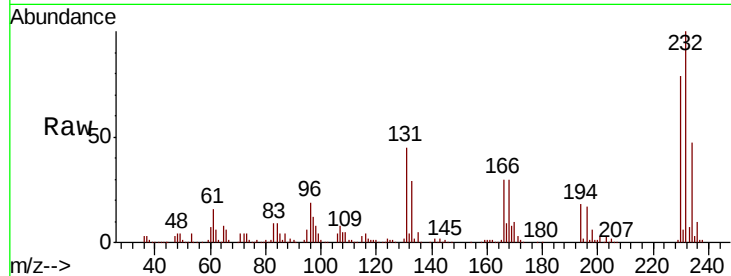
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.938 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	37.1	55.7
130	2.2	1.7	2.5
166	29.1	24.2	36.4

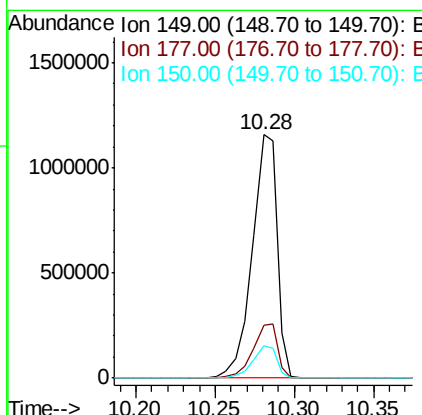
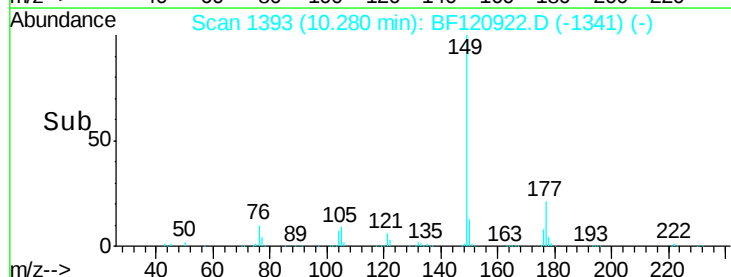
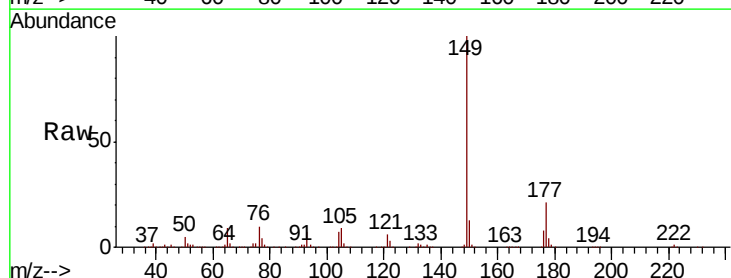
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#60
Diethylphthalate
Concen: 40.321 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.1	25.7
150	13.1	10.3	15.5





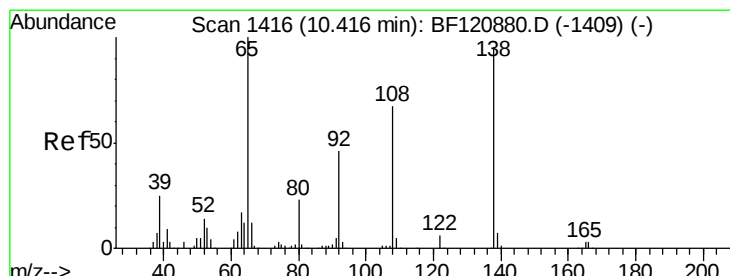
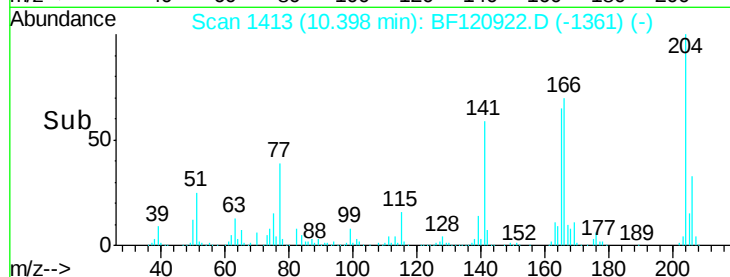
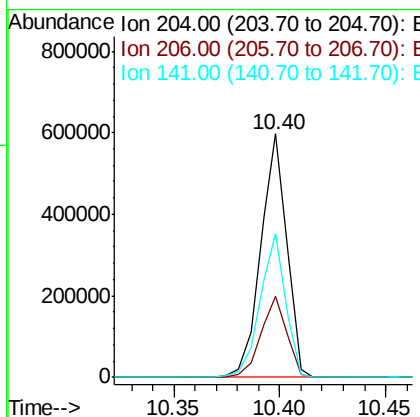
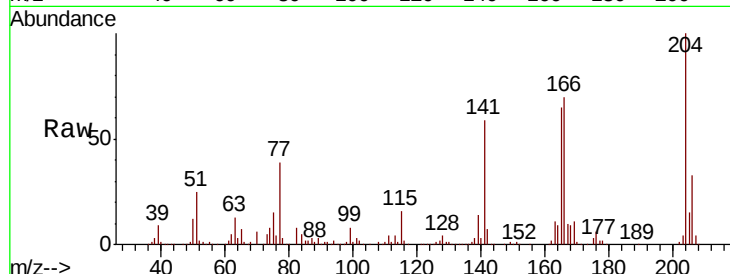
#61
4-Chlorophenyl-phenylether
Concen: 33.464 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	58.9	47.2	70.8

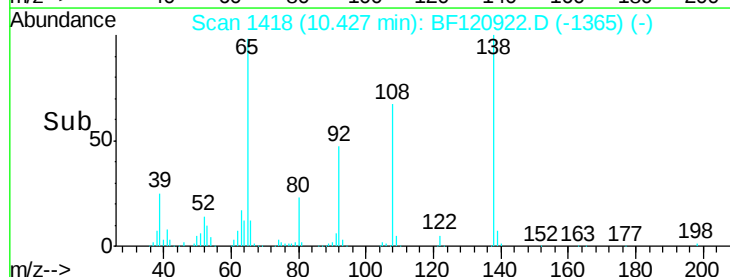
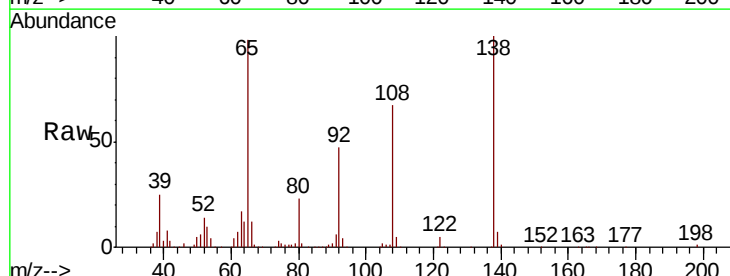
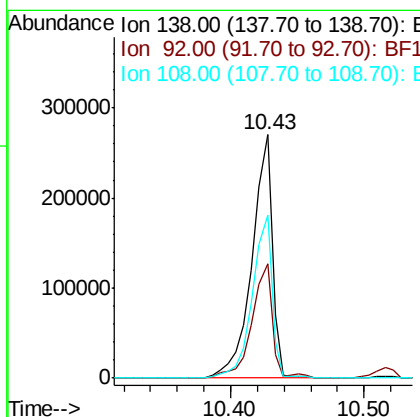
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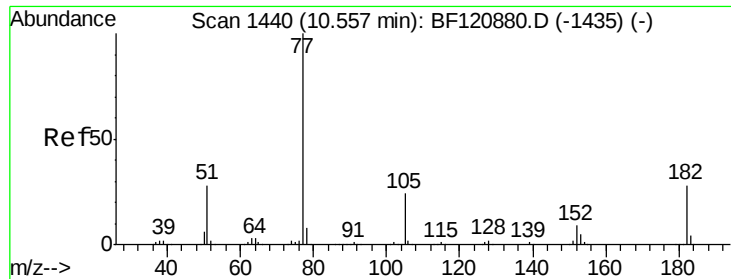
mohammad
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#62
4-Nitroaniline
Concen: 34.347 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	28.6	68.6
108	67.1	51.1	91.1





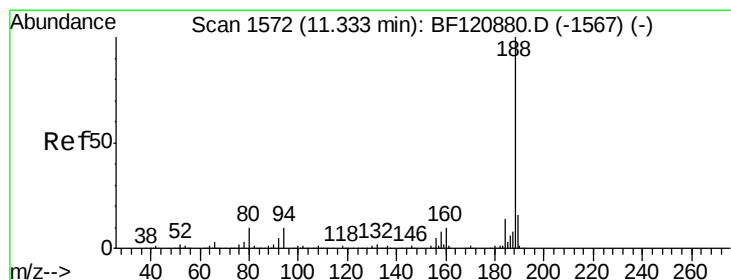
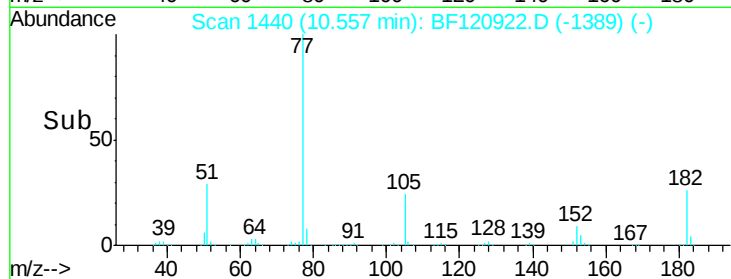
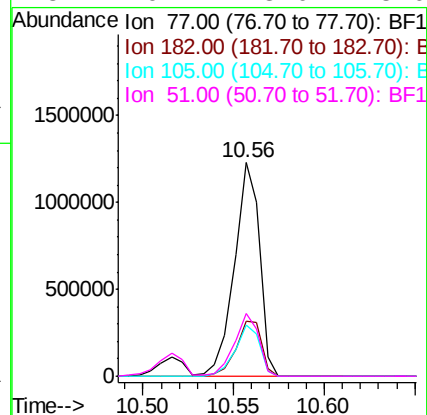
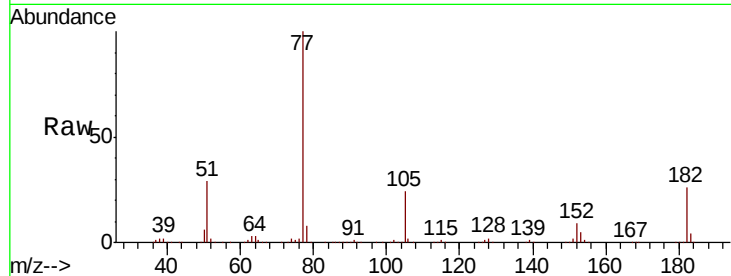
#63
Azobenzene
Concen: 39.535 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.8	47.8
105	23.8	4.4	44.4
51	29.1	8.0	48.0

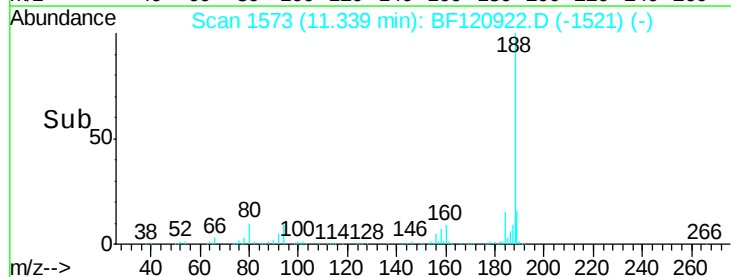
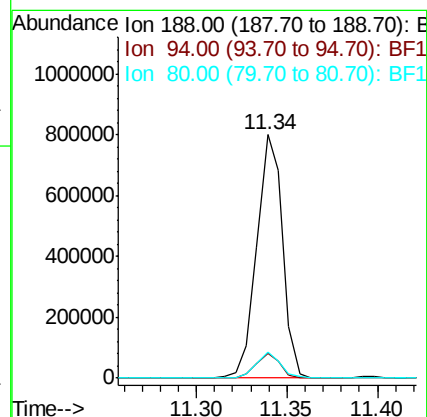
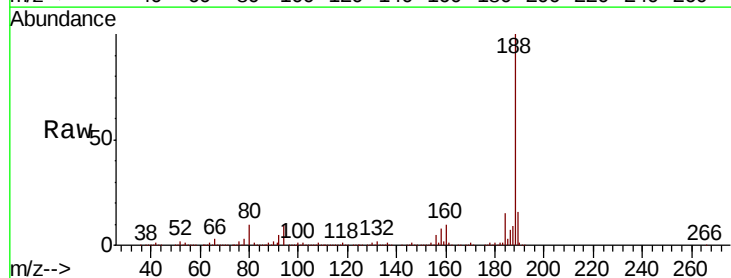
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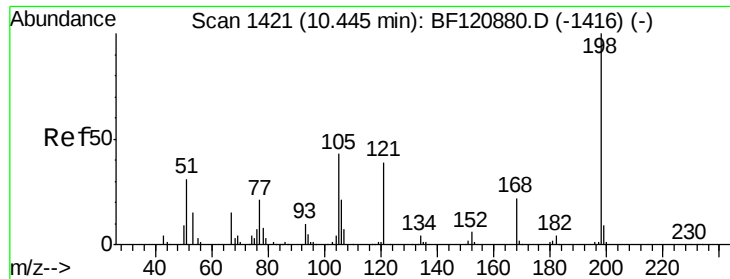
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.5	8.3	12.5





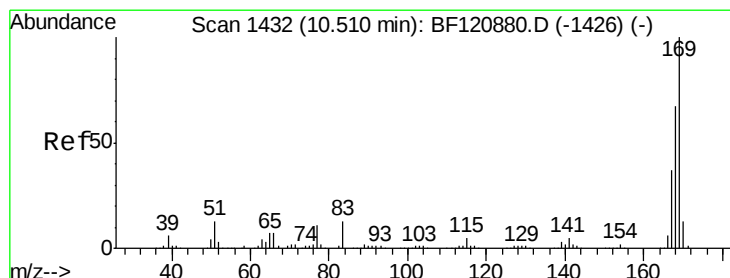
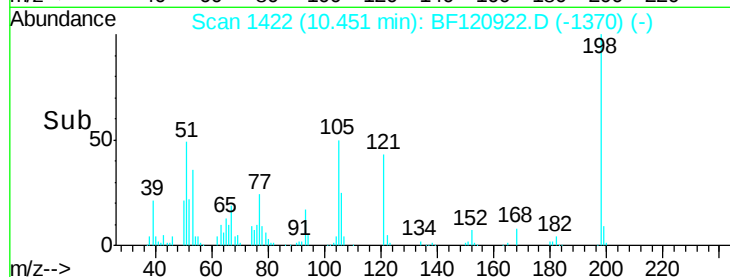
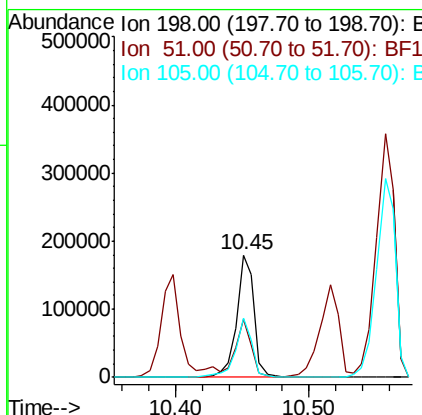
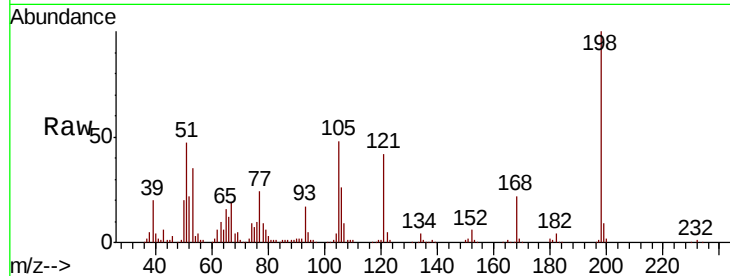
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.979 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampled :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.2	19.5	59.5
105	48.4	24.4	64.4

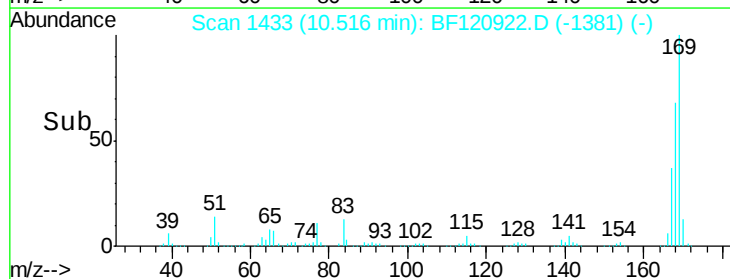
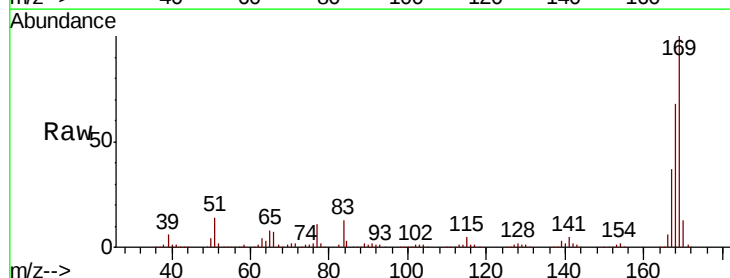
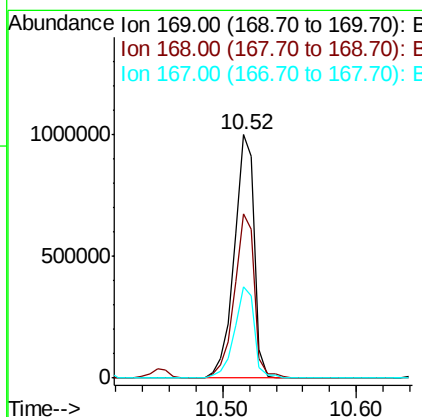
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#66
 n-Nitrosodiphenylamine
 Concen: 42.134 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.4	80.0
167	37.3	29.4	44.0





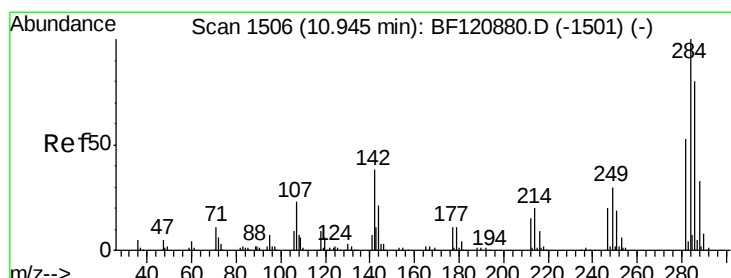
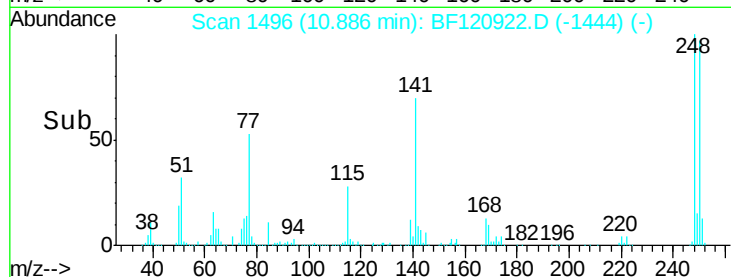
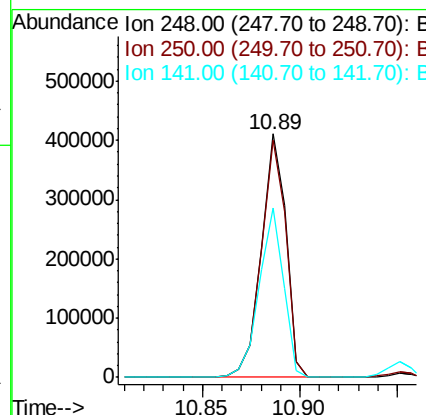
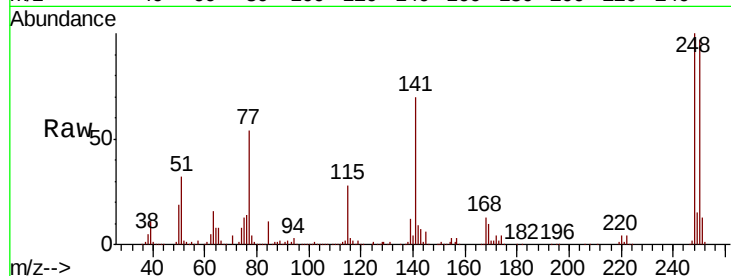
#67
 4-Bromophenyl-phenylether
 Concen: 40.944 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampled :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	69.8	61.2	91.8

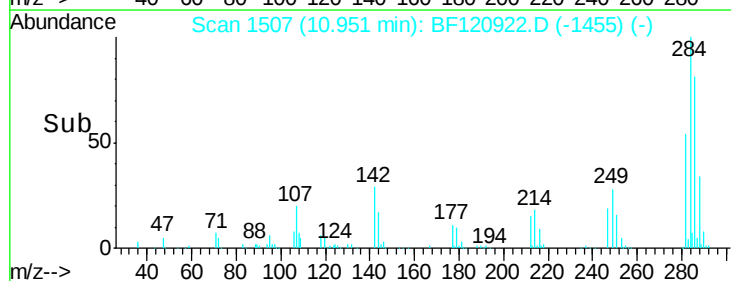
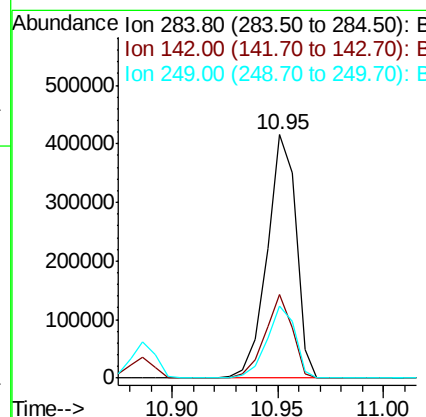
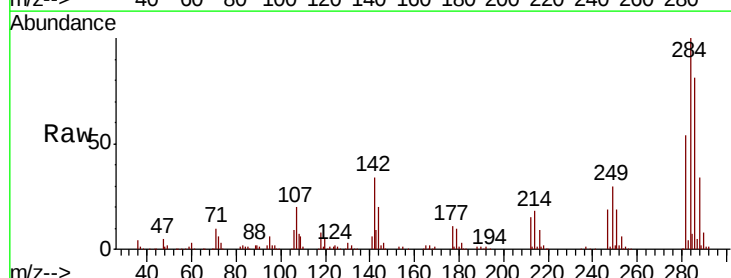
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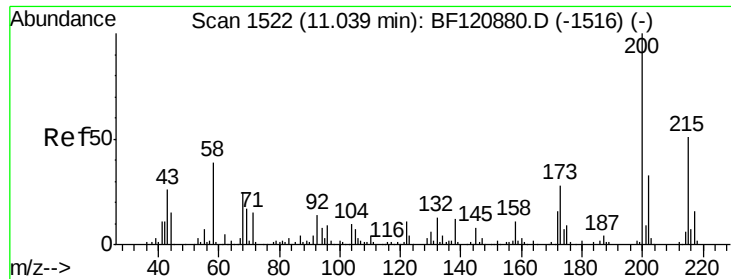
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#68
 Hexachlorobenzene
 Concen: 41.678 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	30.2	45.2
249	29.8	24.2	36.2





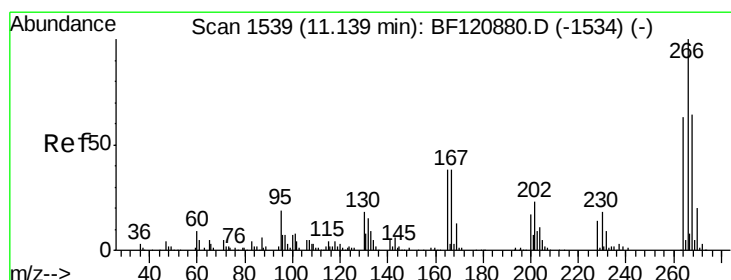
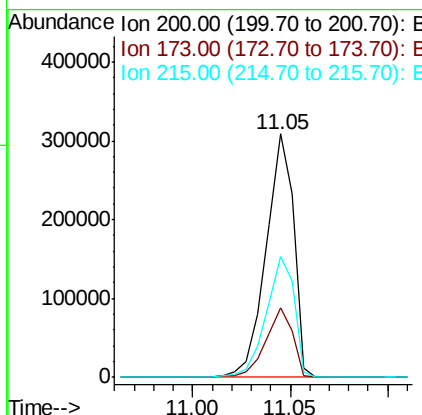
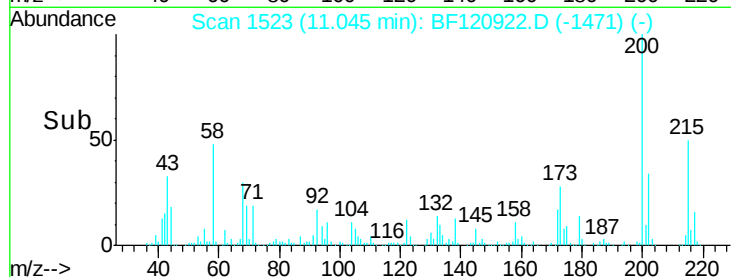
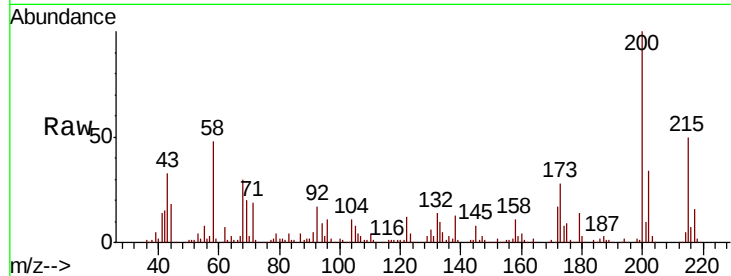
#69
Atrazine
Concen: 49.196 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	302299		
173	28.5	8.0	48.0	
215	49.6	31.5	71.5	

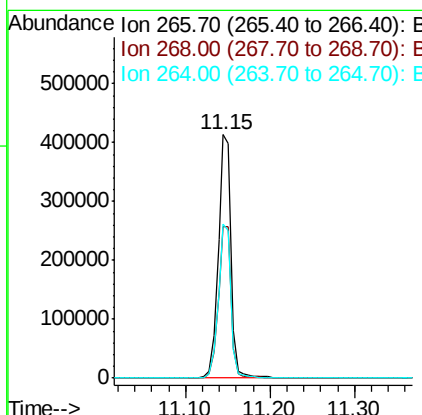
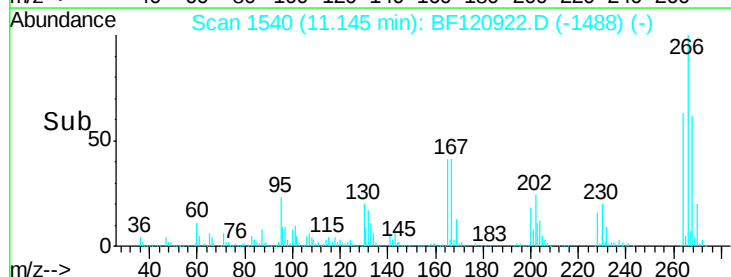
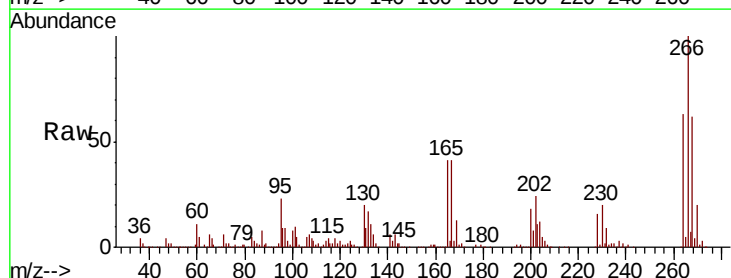
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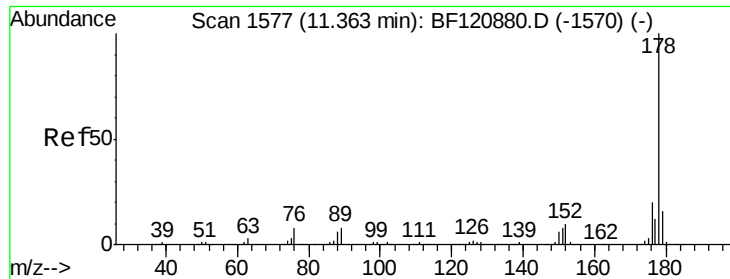
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#70
Pentachlorophenol
Concen: 81.736 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	445422		
268	62.3	51.1	76.7	
264	63.0	50.2	75.2	





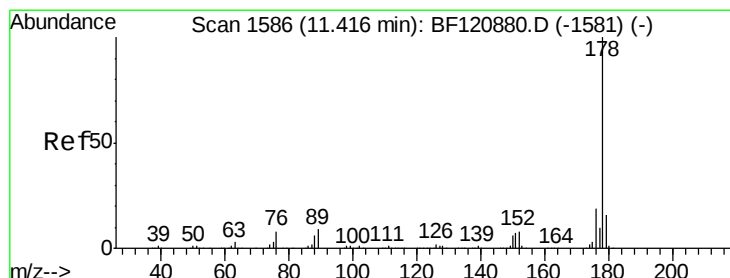
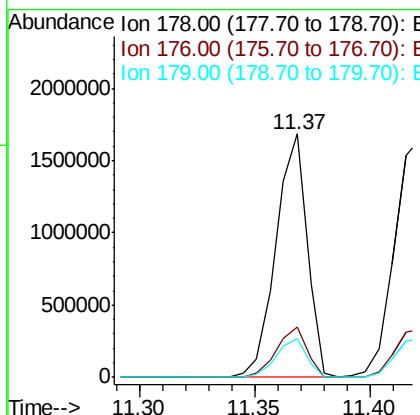
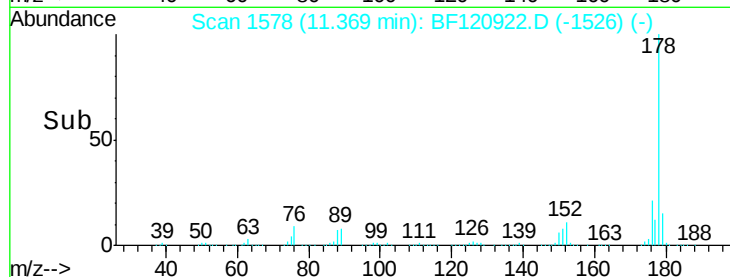
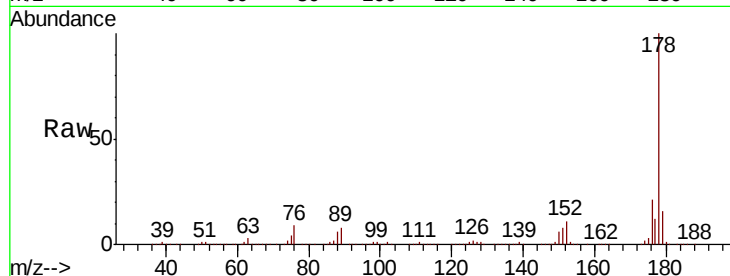
#71
Phenanthrene
Concen: 38.881 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:178 Resp: 1577186
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.0 12.8 19.2

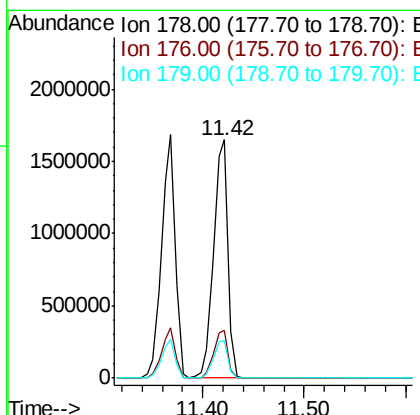
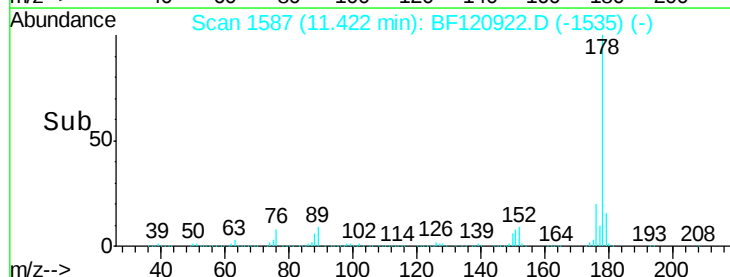
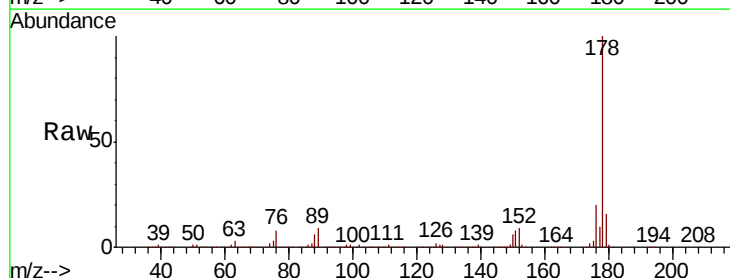
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#72
Anthracene
Concen: 39.520 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:178 Resp: 1609761
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.9 12.8 19.2





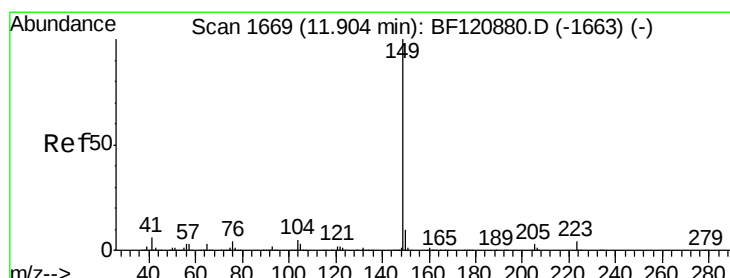
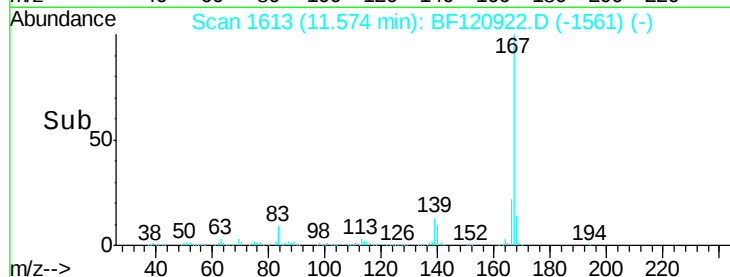
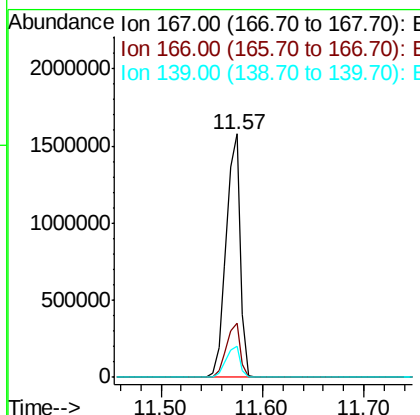
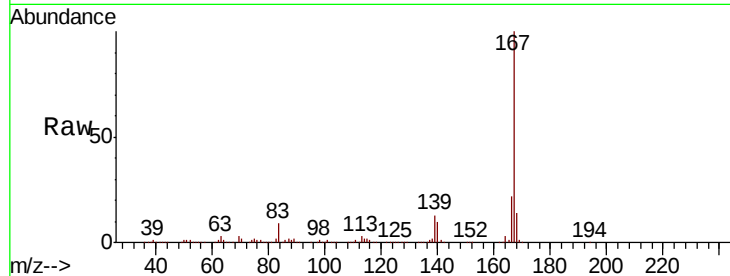
#73
 Carbazole
 Concen: 37.861 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion:167 Resp: 1530474
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.9 10.1 15.1

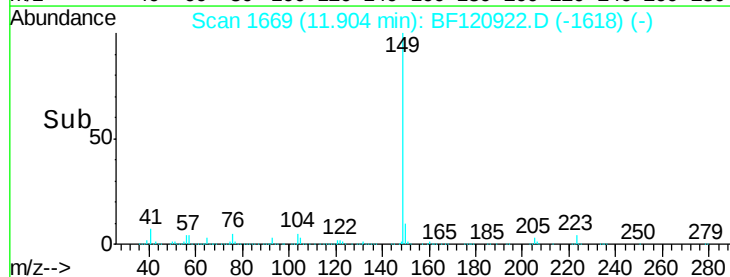
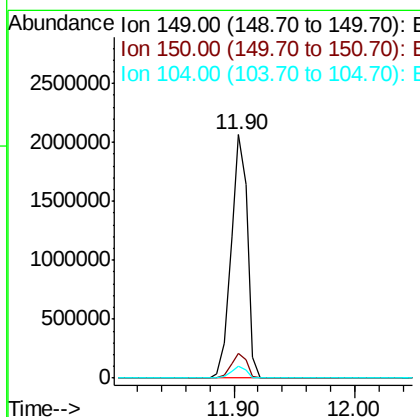
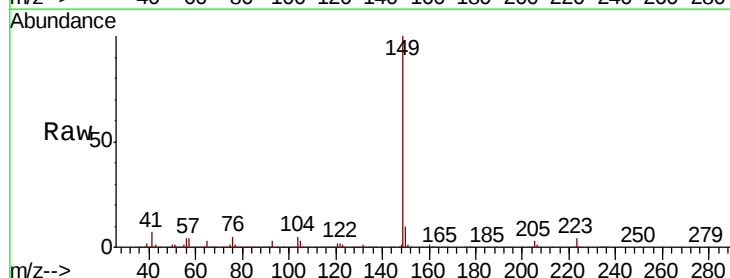
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#74
 Di-n-butylphthalate
 Concen: 41.169 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:149 Resp: 1920471
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.1 3.8 5.6





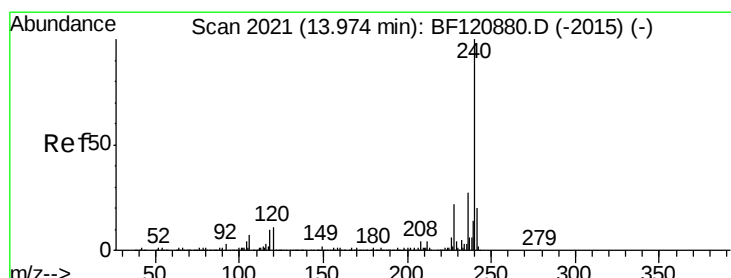
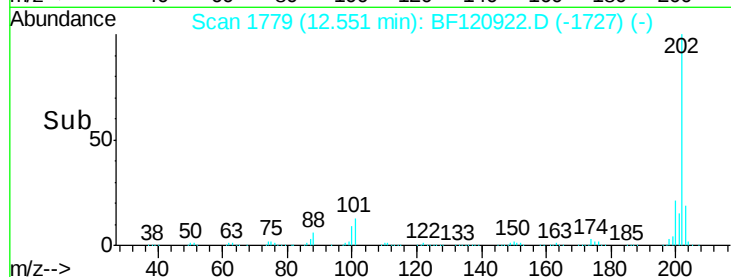
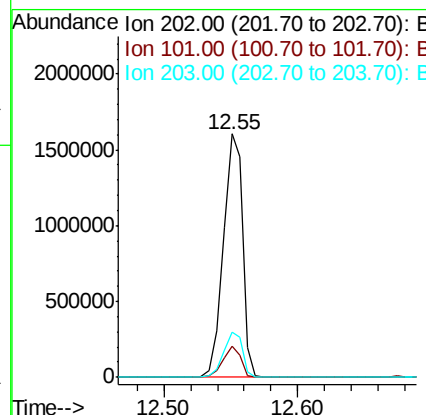
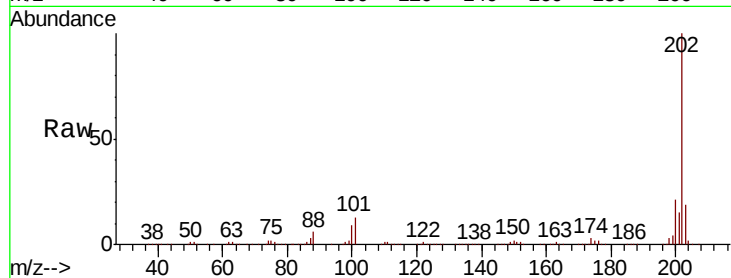
#75
 Fluoranthene
 Concen: 36.196 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.7
203	18.7	0.0	38.0

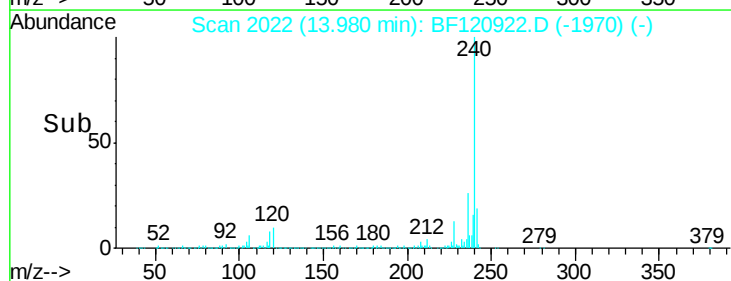
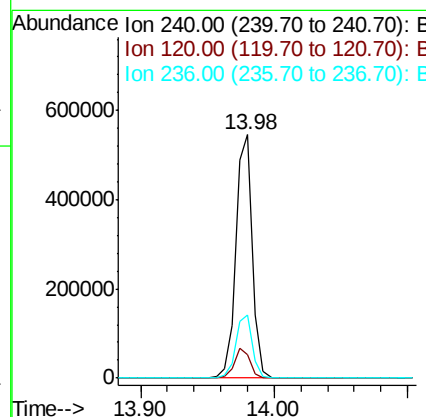
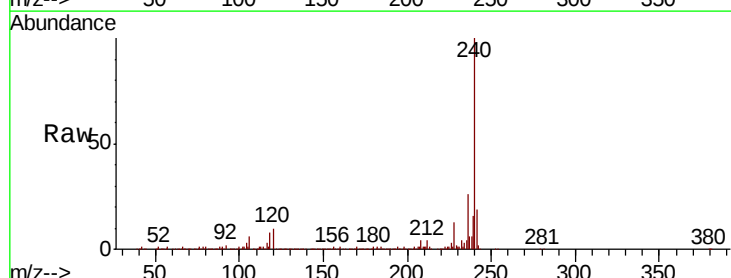
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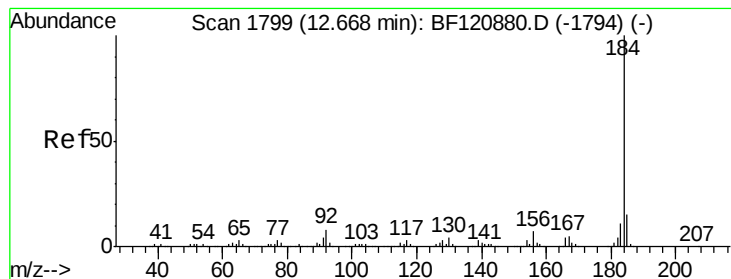
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.4
236	26.2	21.7	32.5





#77

Benzidine

Concen: 87.081 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion:184 Resp: 1083052

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

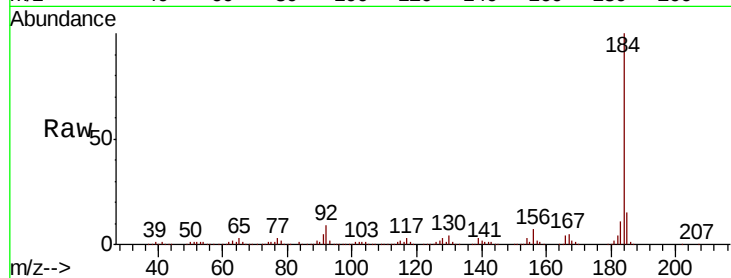
183 11.3 8.5 12.7

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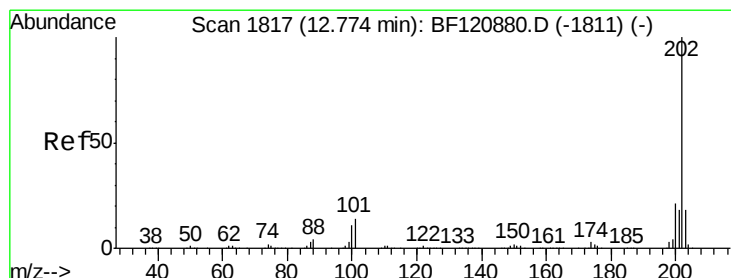
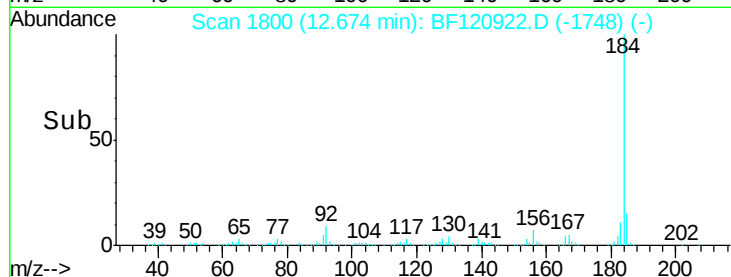
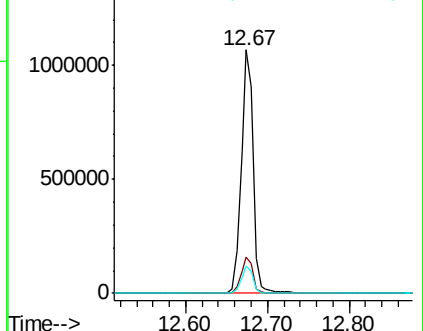
7/20/2020 11:26:49 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.284 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

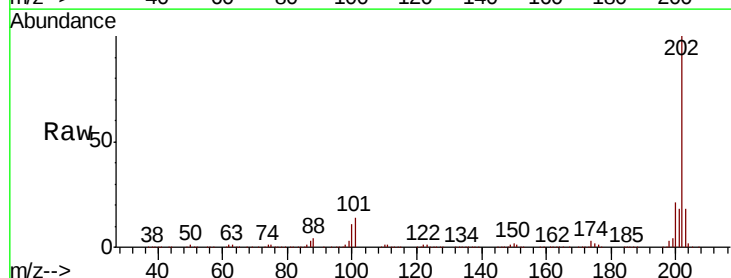
Tgt Ion:202 Resp: 1614851

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

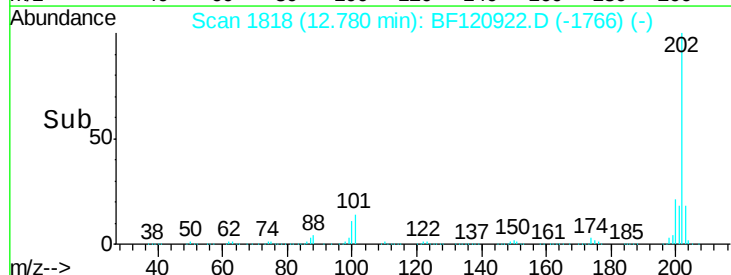
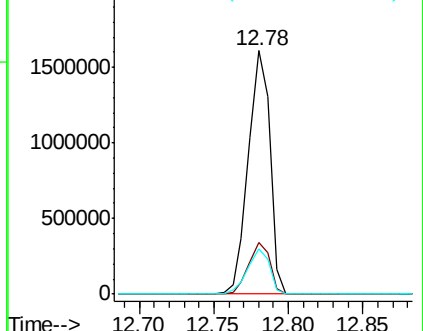
203 18.4 14.4 21.6

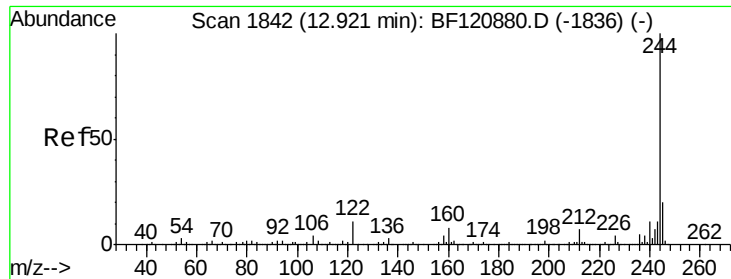


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





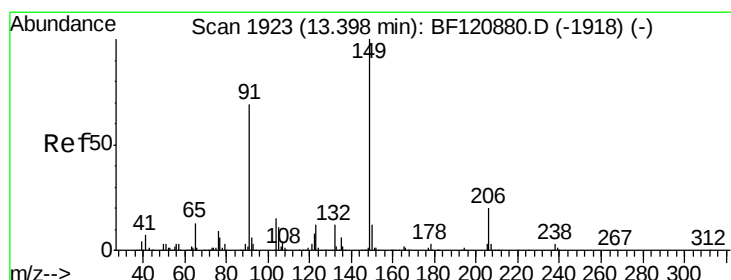
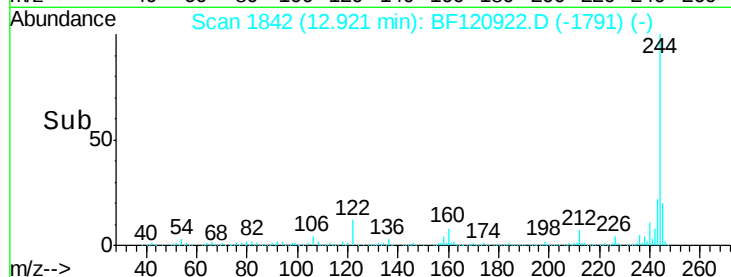
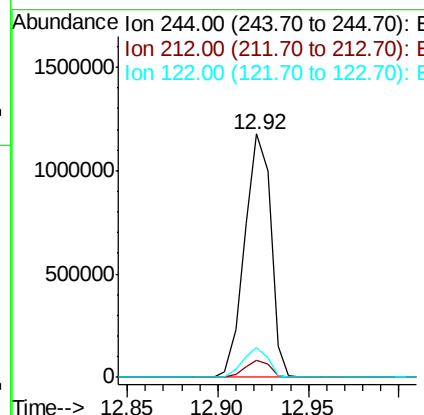
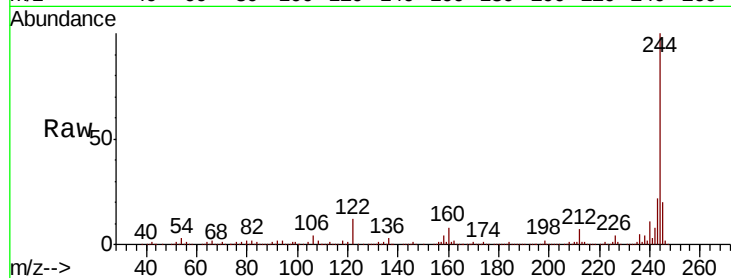
#79
 Terphenyl-d14
 Concen: 54.169 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.0	8.9	13.3

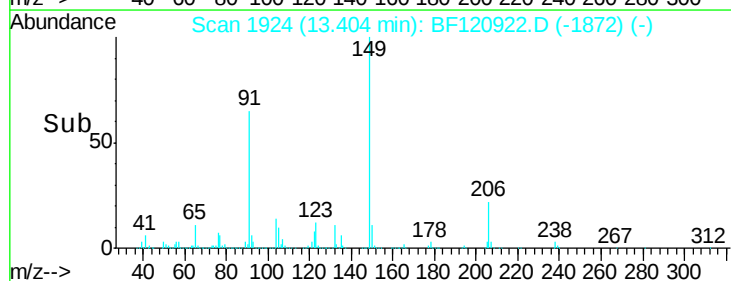
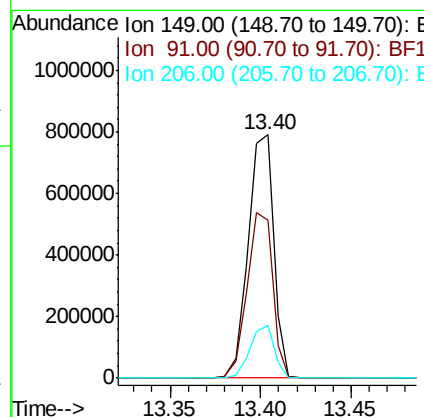
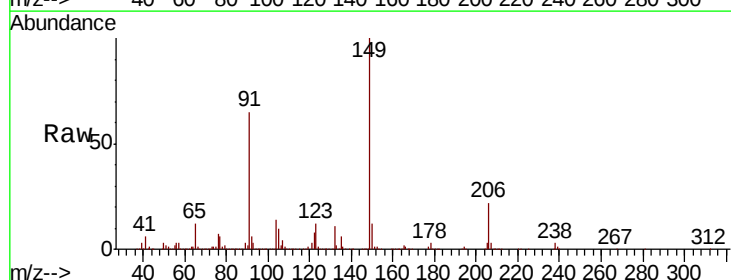
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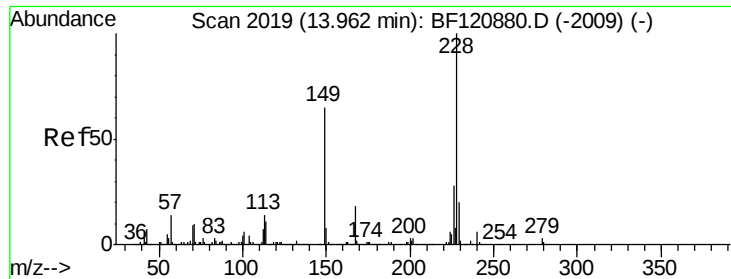
mohammad
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#80
 Butylbenzylphthalate
 Concen: 51.861 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	55.1	82.7
206	21.7	16.1	24.1





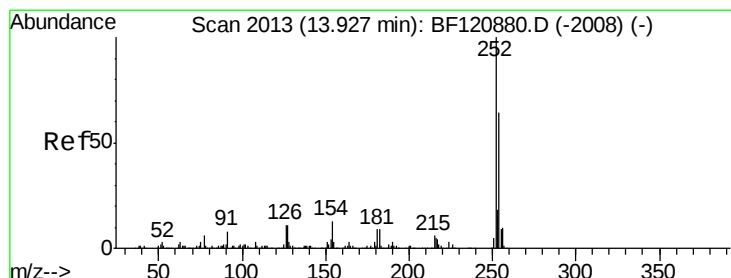
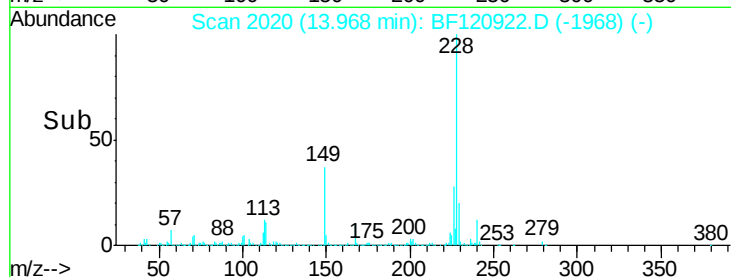
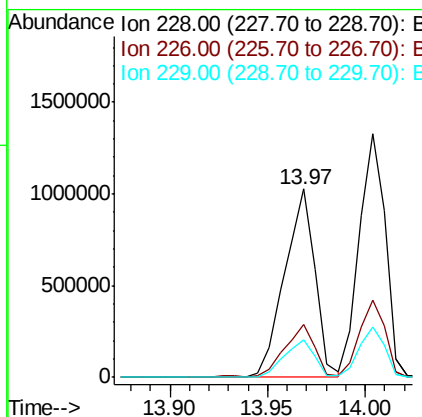
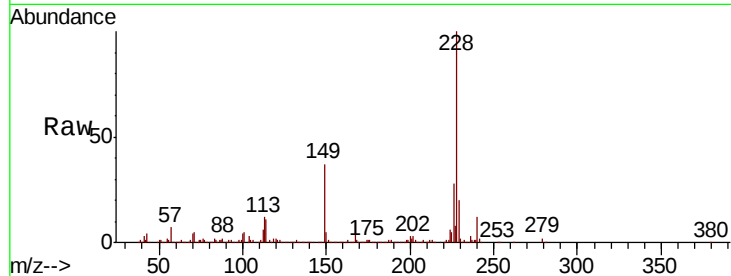
#81
Benzo(a)anthracene
Concen: 38.514 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.2	16.1	24.1

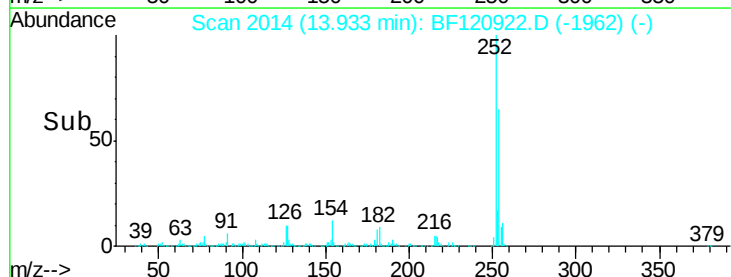
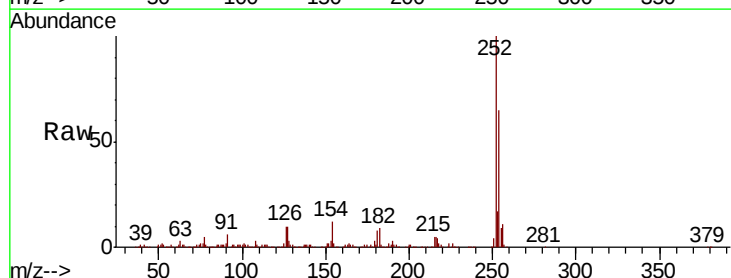
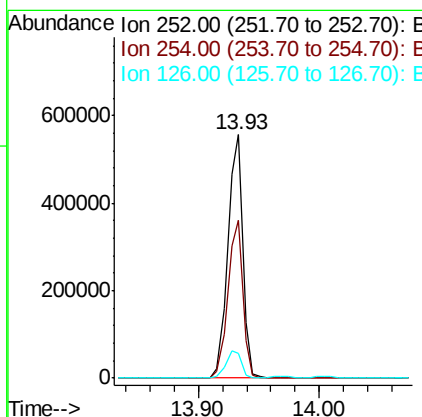
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#82
3,3'-Dichlorobenzidine
Concen: 44.281 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.2	76.8
126	10.2	8.7	13.1





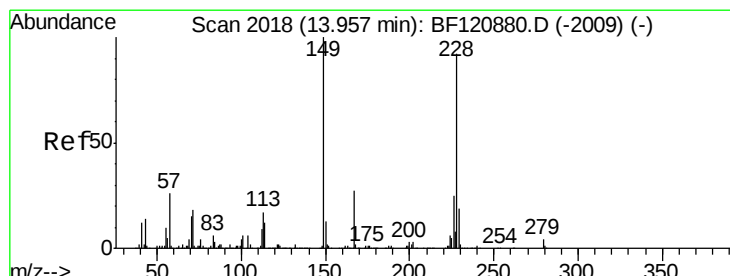
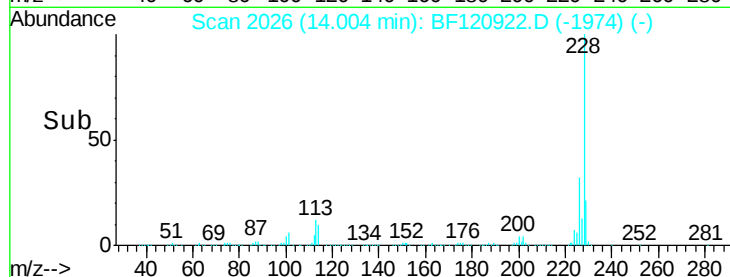
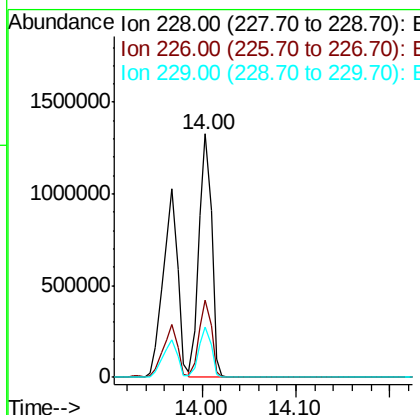
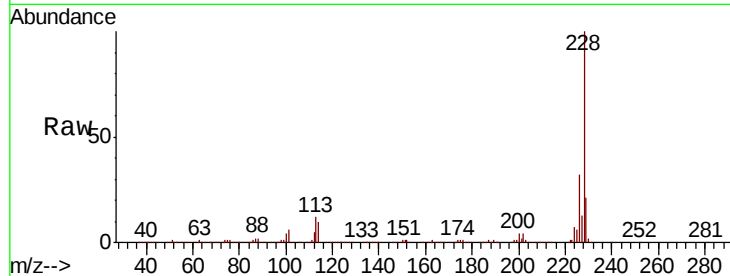
#83
 Chrvsene
 Concen: 41.010 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.6	38.4
229	20.7	16.8	25.2

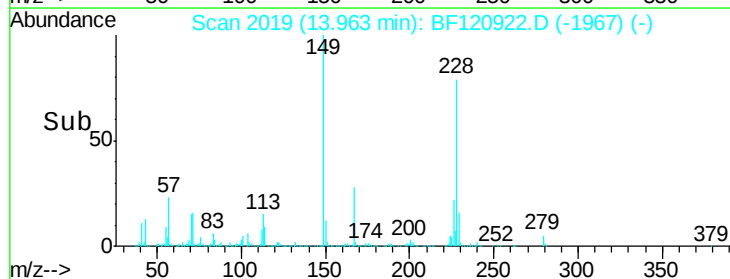
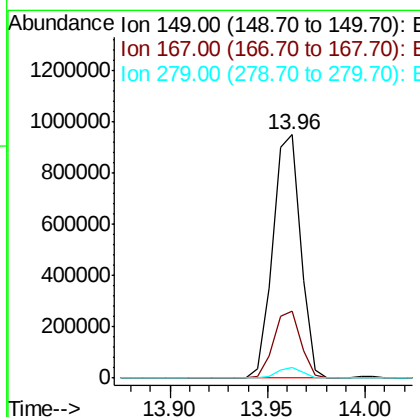
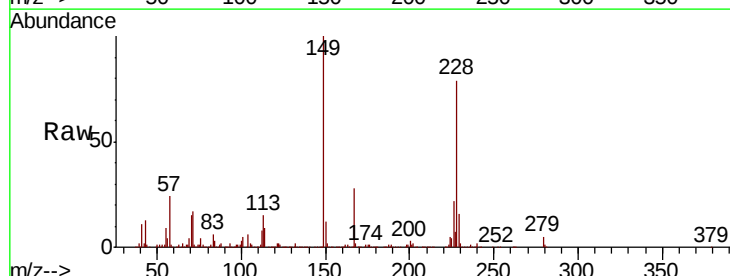
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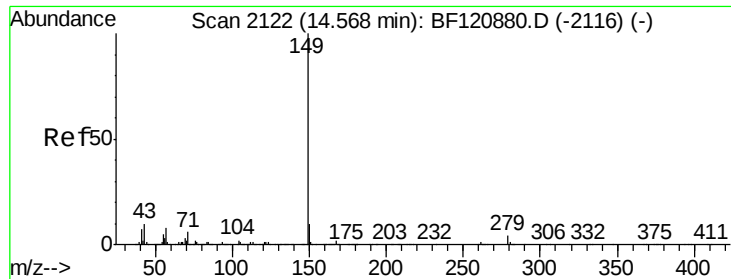
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.064 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.9	32.9
279	4.6	3.0	4.4#





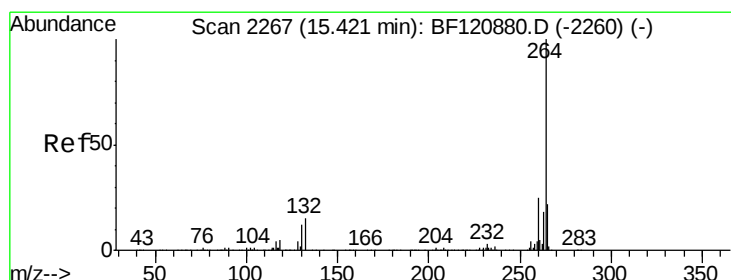
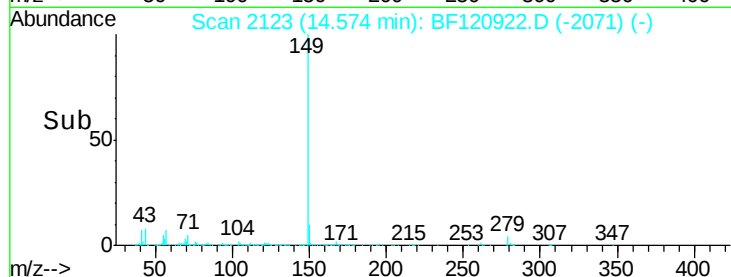
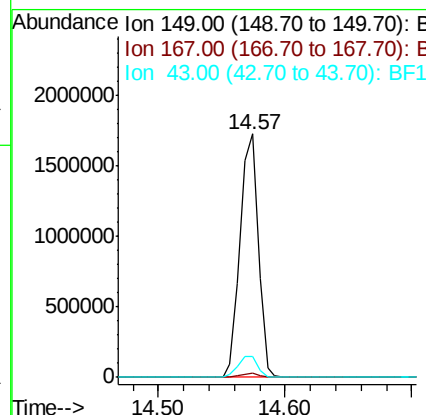
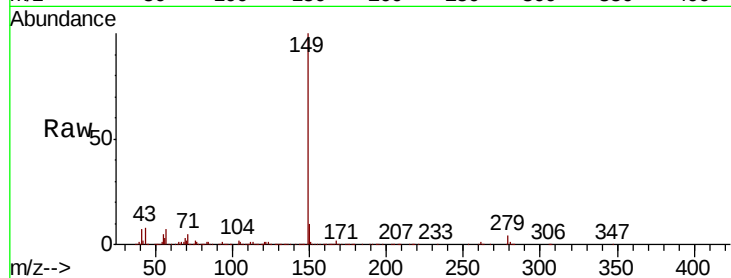
#85
Di-n-octyl phthalate
Concen: 46.620 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.6	11.4

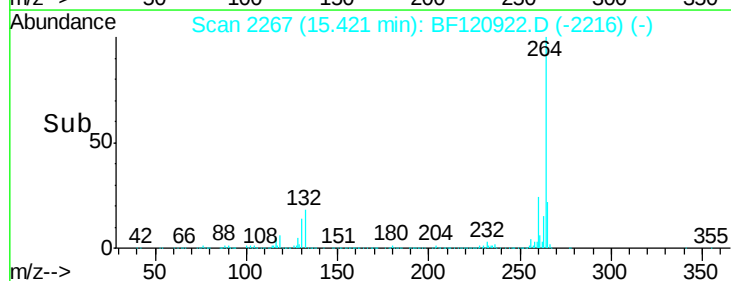
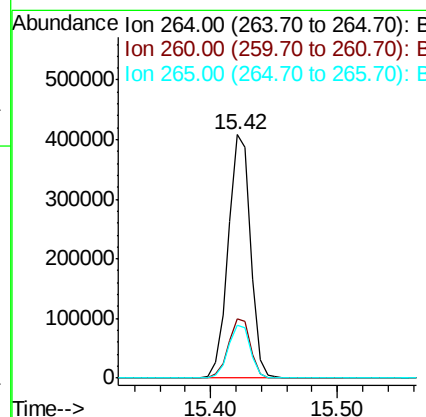
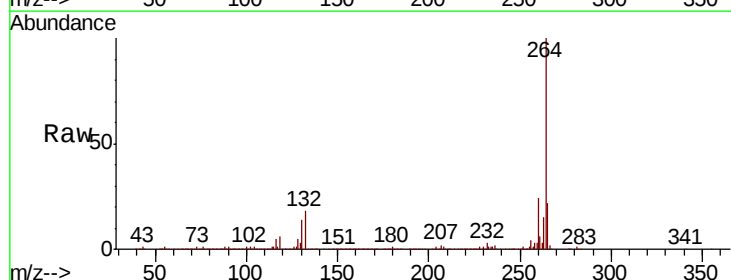
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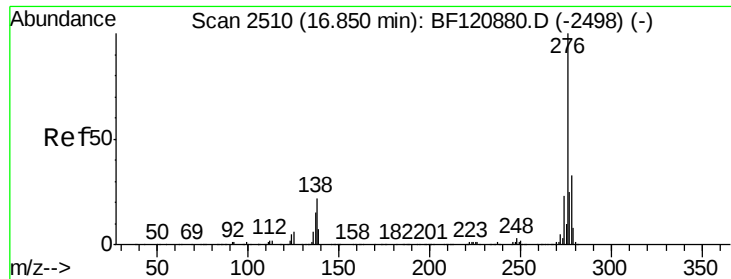
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.6	17.4	26.2





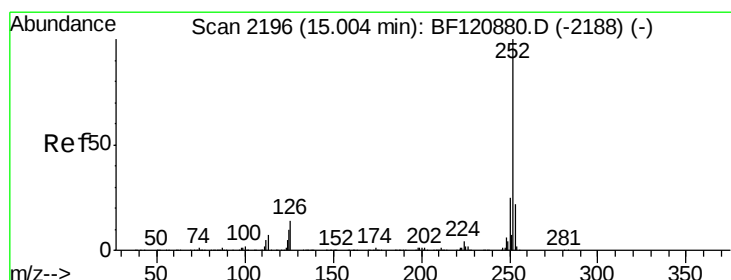
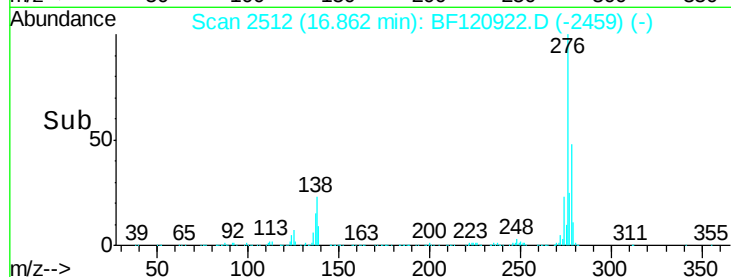
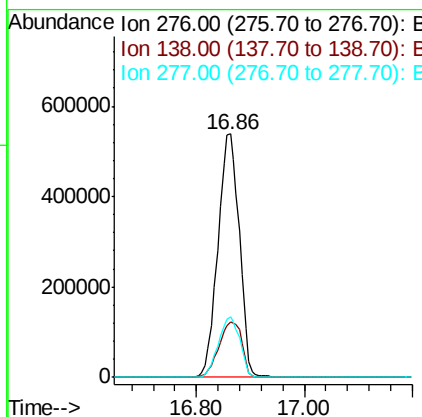
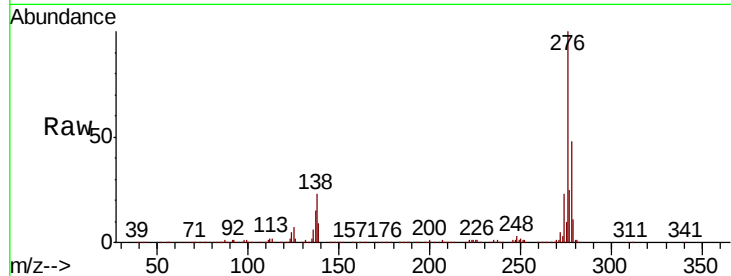
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.703 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion:276 Resp: 1504629
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.2 20.2 30.2

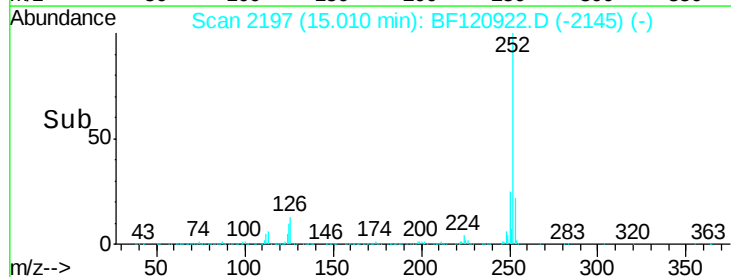
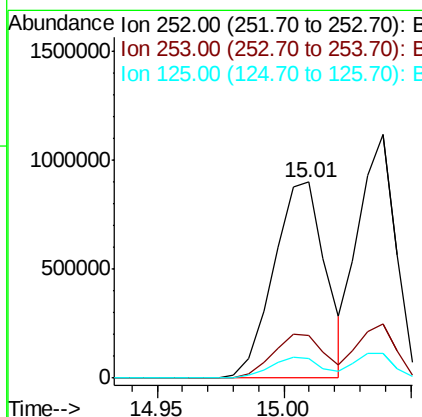
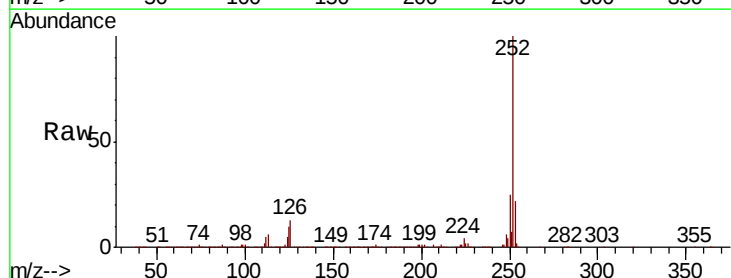
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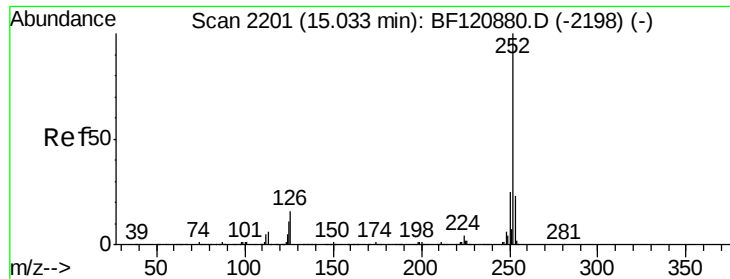
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#88
 Benzo(b)fluoranthene
 Concen: 42.757 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:252 Resp: 1279436
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 9.9 8.3 12.5





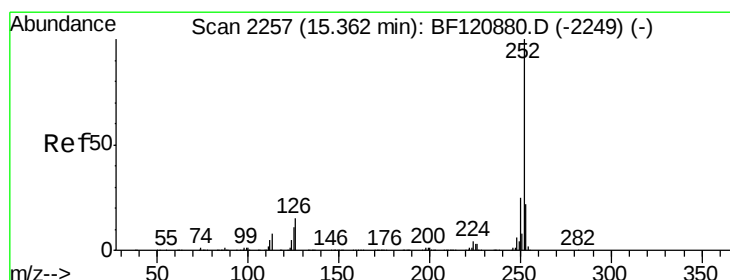
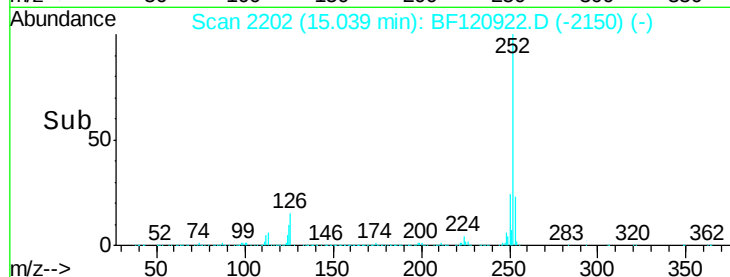
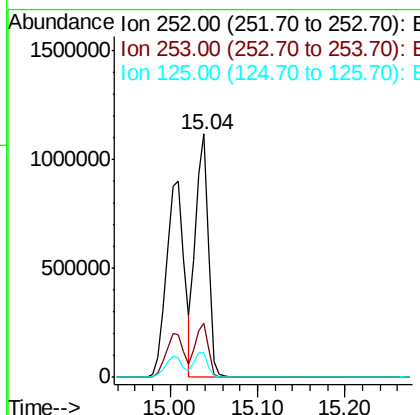
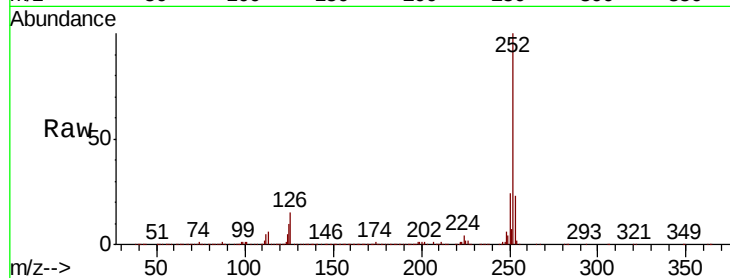
#89
Benzo(k)fluoranthene
Concen: 42.232 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampled :
TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.0	8.4	12.6

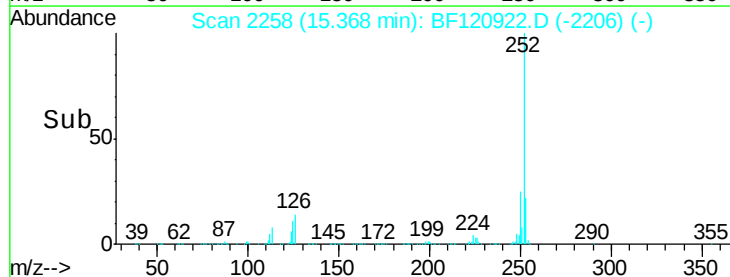
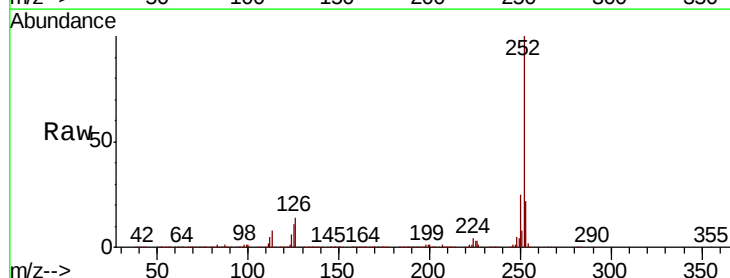
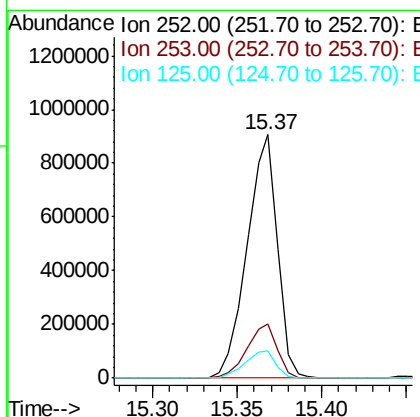
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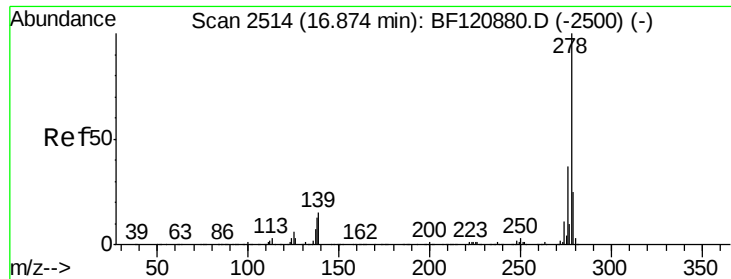
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#90
Benzo(a)pyrene
Concen: 41.490 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.0	8.9	13.3





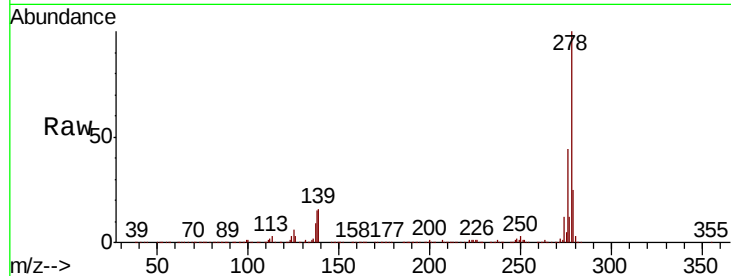
#91
Dibenzo(a,h)anthracene
Concen: 44.045 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

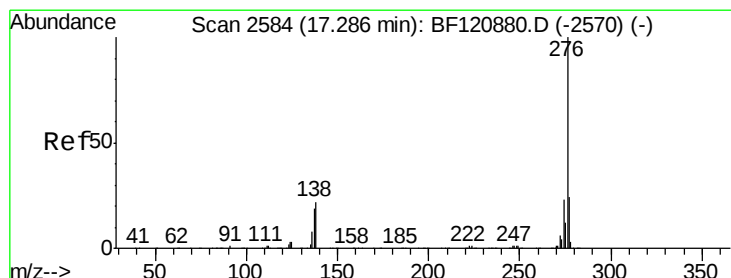
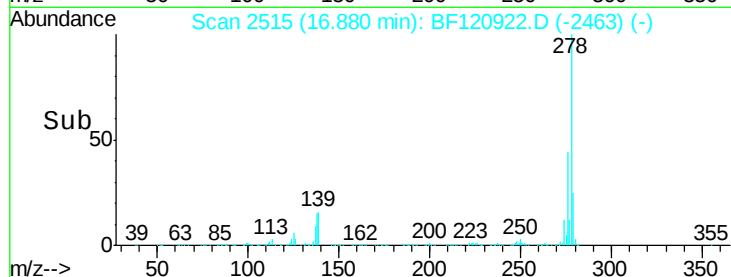
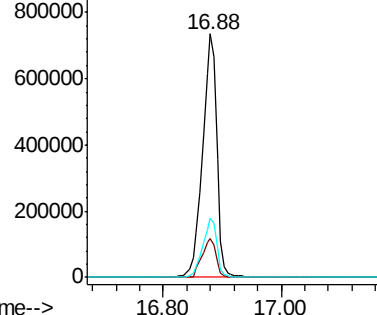
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.6	20.1	30.1

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Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.355 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.3	17.5	26.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

