

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120939.D
 Acq On : 20 Jul 2020 18:13
 Operator : JU/CG
 Sample : PB130317BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Manual Integrations
 APPROVED

mohammad
 7/21/2020 11:32:44 AM

Quant Time: Jul 20 19:04:34 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	218495	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	851918	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	450442	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	865234	20.00	ng	0.00
76) Chrysene-d12	13.98	240	642333	20.00	ng	0.00
86) Perylene-d12	15.43	264	611054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1699634	127.52	ng	0.02
7) Phenol-d6	6.46	99	2146105	124.65	ng	0.02
23) Nitrobenzene-d5	7.39	82	1382009	93.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	632337	128.25	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	2283939	75.70	ng	0.00
79) Terphenyl-d14	12.93	244	2561429	86.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	228585	37.265	ng	99
3) Pyridine	3.35	79	654651	40.119	ng	99
4) n-Nitrosodimethylamine	3.30	42	304668	43.664	ng	94
6) Aniline	6.48	93	807646	35.938	ng	92
8) 2-Chlorophenol	6.60	128	672060	45.772	ng	99
9) Benzaldehyde	6.37	77	342084	41.390	ng	97
10) Phenol	6.47	94	742700	39.216	ng	78
11) bis(2-Chloroethyl)ether	6.56	93	625722	43.111	ng	99
12) 1,3-Dichlorobenzene	6.76	146	661233	41.532	ng	99
13) 1,4-Dichlorobenzene	6.83	146	659712	41.671	ng	99
14) 1,2-Dichlorobenzene	6.99	146	592915	39.588	ng	98
15) Benzyl Alcohol	6.96	79	486176	39.931	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	878046	41.971	ng	99
17) 2-Methylphenol	7.08	107	527312	40.520	ng	98
18) Hexachloroethane	7.33	117	247425	43.180	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	416828	42.577	ng	97
20) 3+4-Methylphenols	7.23	107	571555	34.526	ng	94
22) Acetophenone	7.23	105	777854	40.684	ng	# 93
24) Nitrobenzene	7.40	77	652880	41.143	ng	99
25) Isophorone	7.65	82	1235758	42.056	ng	99
26) 2-Nitrophenol	7.72	139	359200	47.662	ng	97
27) 2,4-Dimethylphenol	7.76	122	543672	44.431	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	787871	43.926	ng	100
29) 2,4-Dichlorophenol	7.96	162	549053	43.911	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	578065	41.670	ng	98
31) Naphthalene	8.13	128	1770165	40.508	ng	99
32) Benzoic acid	7.90	122	453681	49.392	ng	99
33) 4-Chloroaniline	8.17	127	648877	33.286	ng	98
34) Hexachlorobutadiene	8.24	225	327722	40.074	ng	99
35) Caprolactam	8.56	113	169208m	42.199	ng	
36) 4-Chloro-3-methylphenol	8.66	107	575184	44.853	ng	97
37) 2-Methylnaphthalene	8.82	142	1197045	42.188	ng	98
38) 1-Methylnaphthalene	8.92	142	1137458	42.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	521288	39.720	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	570192	78.611	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	417947	45.230	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	434128	41.418	nq	99
46) 1,1'-Biphenyl	9.28	154	1404507	40.877	nq	98
47) 2-Chloronaphthalene	9.30	162	1131320	40.385	nq	100
48) 2-Nitroaniline	9.40	65	373863	44.161	nq	91
49) Acenaphthylene	9.72	152	1772683	40.733	nq	100
50) Dimethylphthalate	9.59	163	1378851	42.431	nq	99
51) 2,6-Dinitrotoluene	9.65	165	319901	45.821	nq	91
52) Acenaphthene	9.89	154	1244786m	44.989	nq	
53) 3-Nitroaniline	9.82	138	293724	33.545	nq	96
54) 2,4-Dinitrophenol	9.92	184	336659	83.453	nq	# 84
55) Dibenzofuran	10.06	168	1604922	40.111	nq	99
56) 4-Nitrophenol	9.99	139	573236	86.183	nq	94
57) 2,4-Dinitrotoluene	10.05	165	420625	45.878	nq	97
58) Fluorene	10.41	166	1141357	38.247	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	371219	46.515	nq	96
60) Diethylphthalate	10.29	149	1377651	41.913	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	555484	34.899	nq	98
62) 4-Nitroaniline	10.43	138	362532	42.504	nq	96
63) Azobenzene	10.56	77	1290532	41.241	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	236555	47.300	nq	93
66) n-Nitrosodiphenylamine	10.52	169	1144166	42.036	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	401617	41.633	nq	96
68) Hexachlorobenzene	10.95	284	448596	42.989	nq	95
69) Atrazine	11.05	200	341918	50.723	nq	99
70) Pentachlorophenol	11.15	266	490811	82.101	nq	99
71) Phenanthrene	11.37	178	1783220	40.073	nq	99
72) Anthracene	11.42	178	1809010	40.485	nq	99
73) Carbazole	11.57	167	1743438	39.316	nq	99
74) Di-n-butylphthalate	11.90	149	2118910	41.406	nq	99
75) Fluoranthene	12.56	202	1975986	40.061	nq	98
77) Benzidine	12.67	184	1046254	61.952	nq	99
78) Pyrene	12.79	202	1996898	43.972	nq	99
80) Butylbenzylphthalate	13.40	149	928118	45.845	nq	96
81) Benzo(a)anthracene	13.97	228	1551851	39.897	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	596309	40.636	nq	99
83) Chrysene	14.01	228	1721758	42.121	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1046061	41.903	nq	# 100
85) Di-n-octyl phthalate	14.57	149	2168770	43.667	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1605191	37.772	nq	99
88) Benzo(b)fluoranthene	15.01	252	1874474	50.749	nq	99
89) Benzo(k)fluoranthene	15.04	252	1508036	44.768	nq	100
90) Benzo(a)pyrene	15.37	252	1515170	44.962	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1332295	38.380	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1275703	37.272	nq	98

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



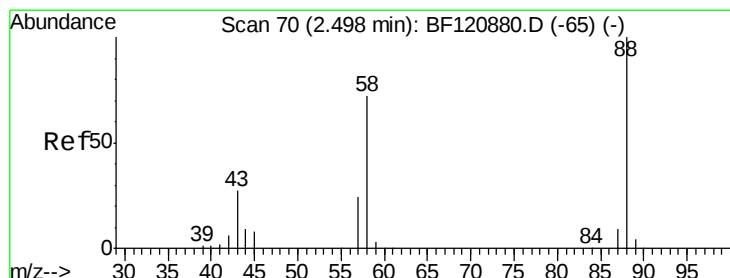
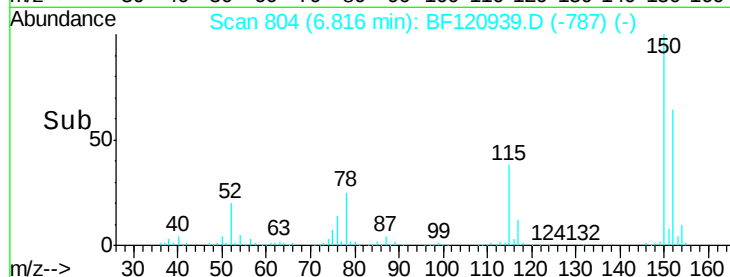
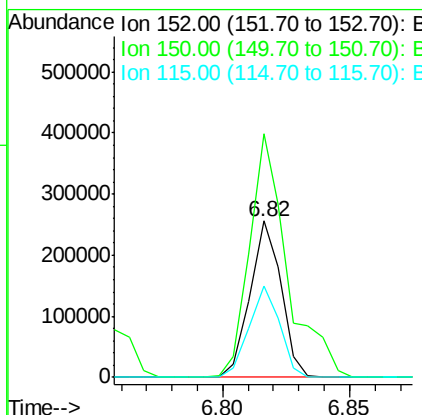
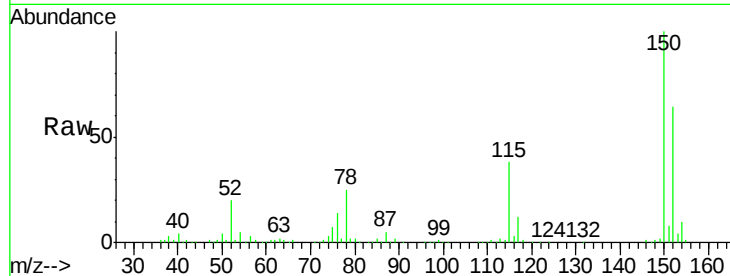
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
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 ClientSampleID :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.0	187.6
115	58.6	47.0	70.4

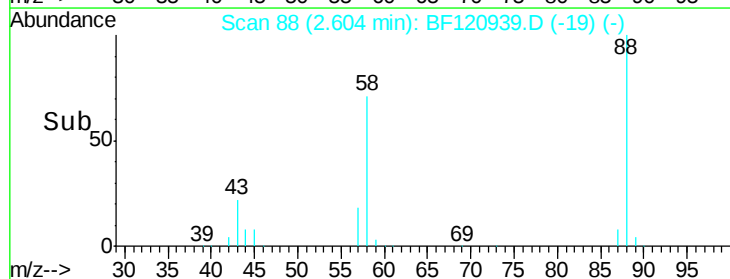
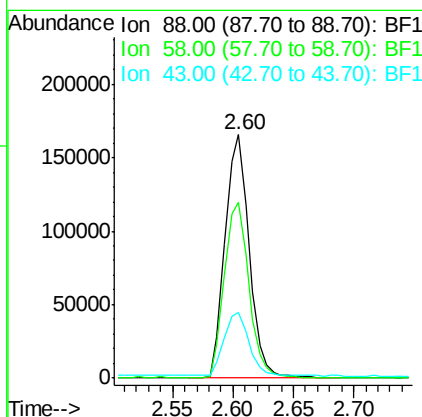
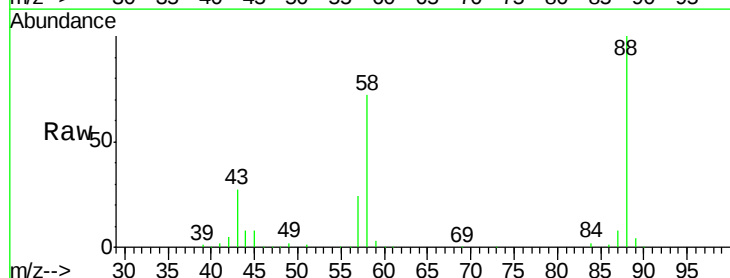
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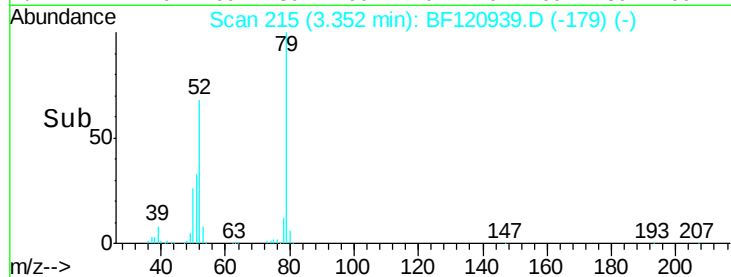
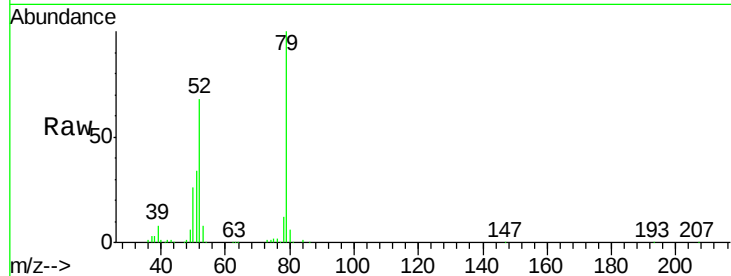
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#2
 1,4-Dioxane
 Concen: 37.265 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.11 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.2	87.2
43	26.9	22.1	33.1





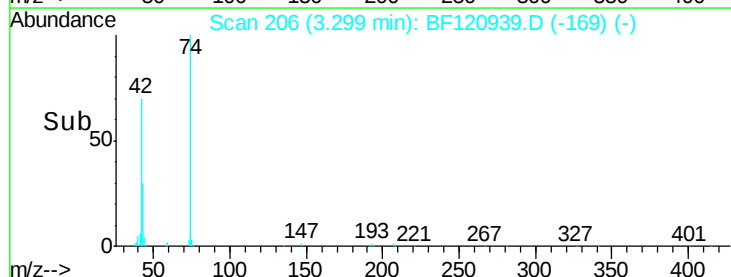
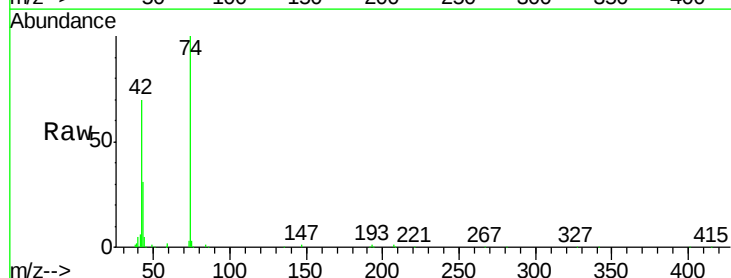
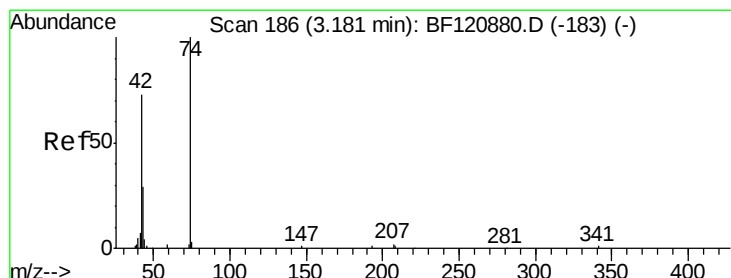
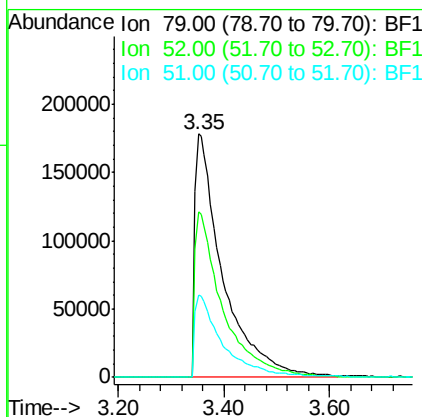
#3
Pvridine
Concen: 40.119 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.11 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	654651		
52	52	67.8		55.0	82.6
51	51	33.6		26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB130317BS

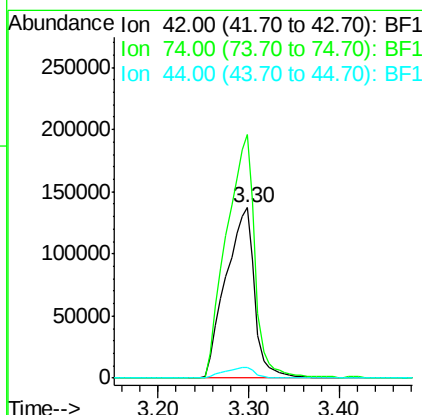
Manual Integrations
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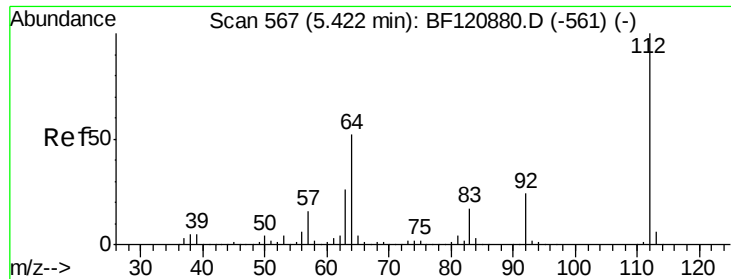
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#4
n-Nitrosodimethylamine
Concen: 43.664 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.12 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	304668		
74	74	143.0		108.7	163.1
44	44	6.4		5.2	7.8





#5

2-Fluorophenol

Concen: 127.523 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion: 112 Resp: 1699634

Ion Ratio Lower Upper

112 100

64 55.2 41.3 61.9

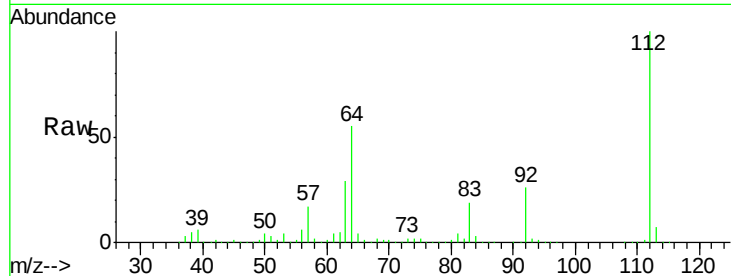
63 29.3 21.1 31.7

Manual Integrations

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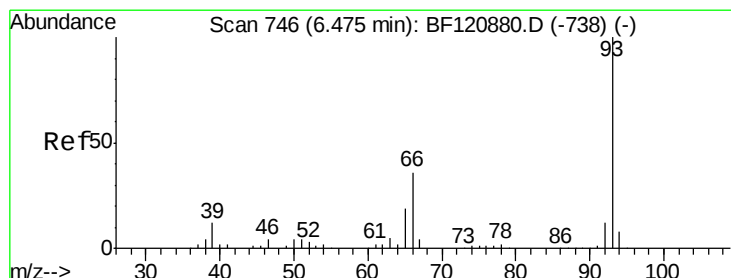
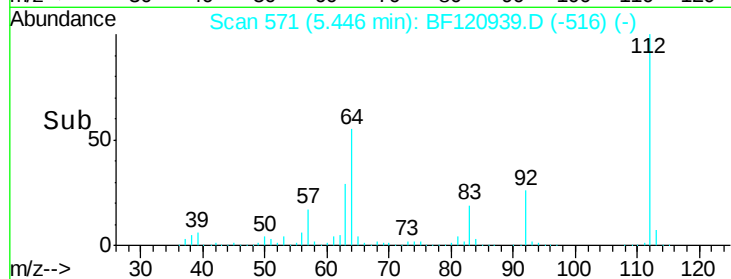
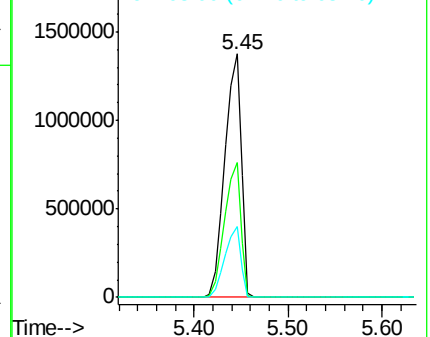
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.938 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

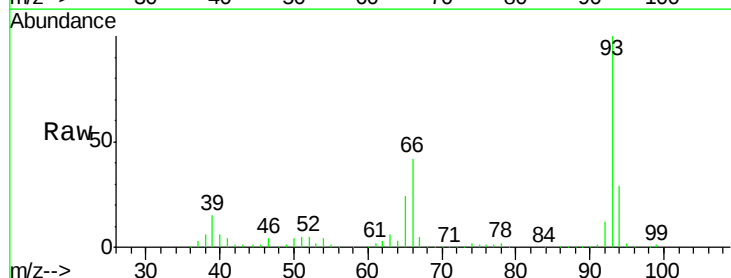
Tgt Ion: 93 Resp: 807646

Ion Ratio Lower Upper

93 100

66 42.0 30.2 45.4

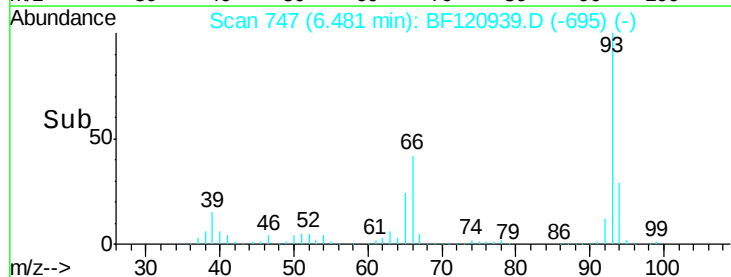
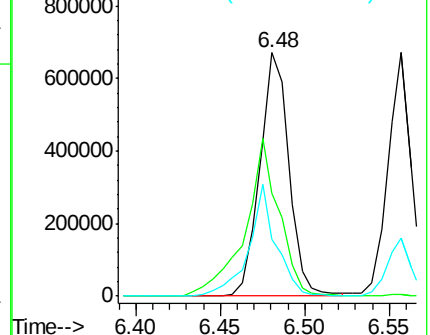
65 23.6 15.8 23.6

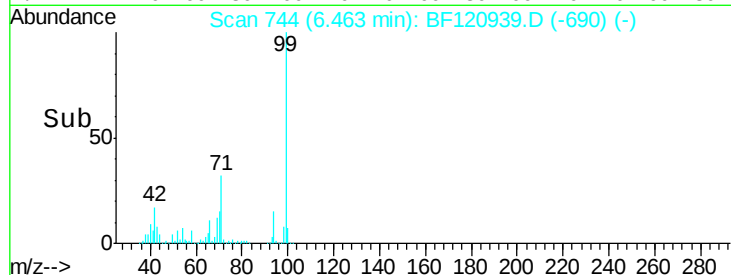
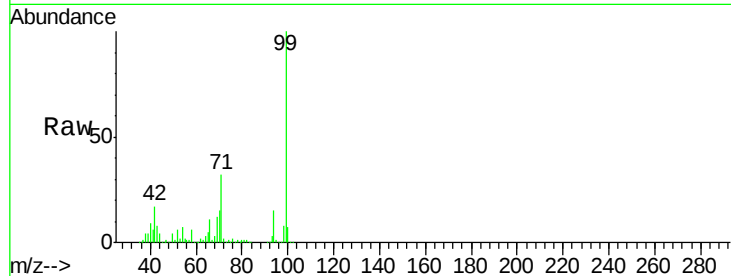


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.654 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tot Ion:	99	Resp:	2146105
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	32.3	24.2	36.4

Instrument :

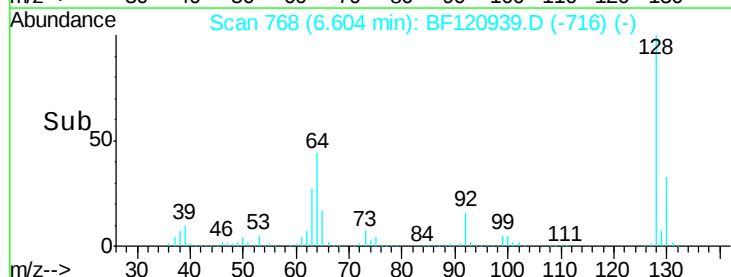
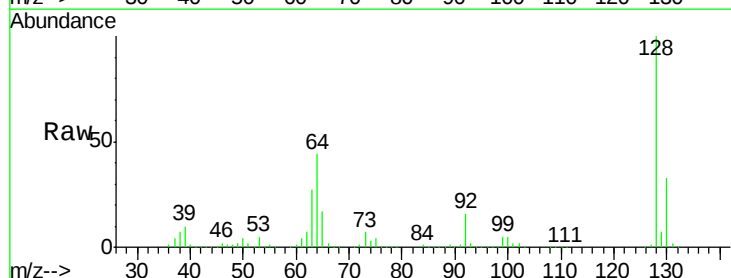
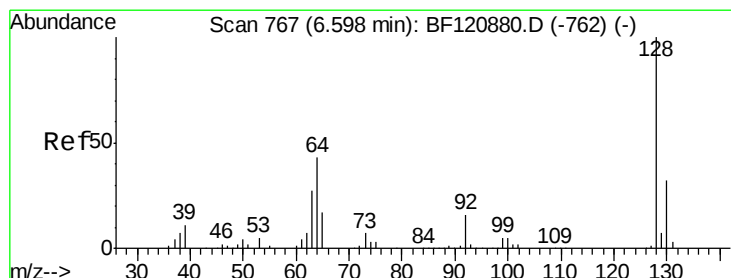
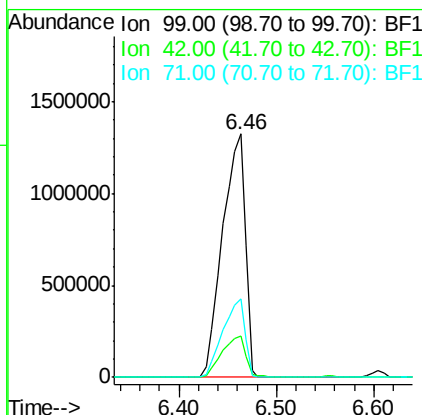
BNA_F

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#8

2-Chlorophenol

Concen: 45.772 ng

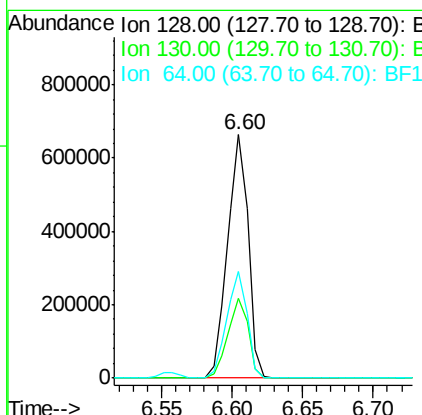
RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:	128	Resp:	672060
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.1	52.1
64	43.7	24.0	64.0





#9

Benzaldehyde

Concen: 41.390 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

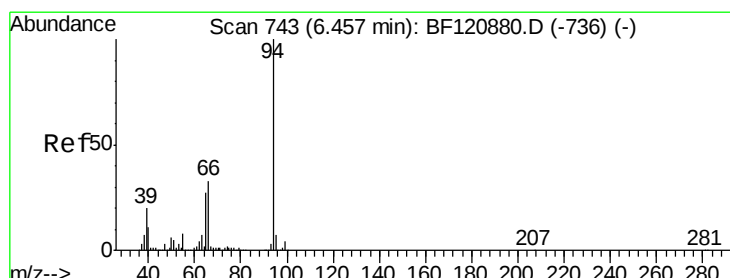
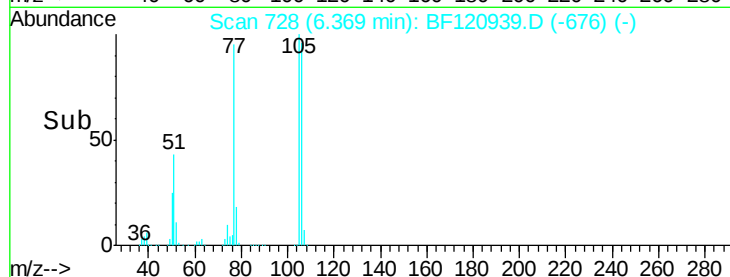
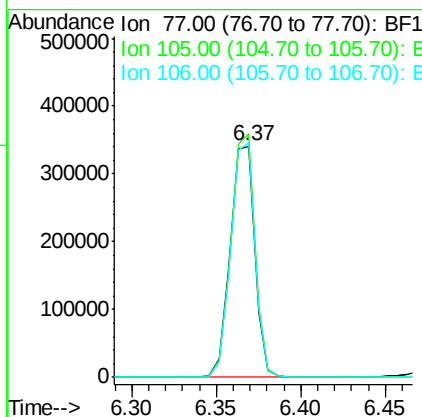
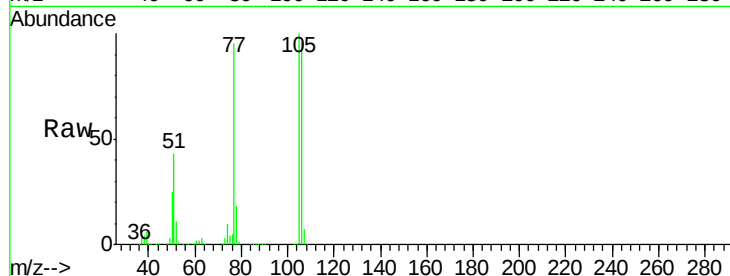
ClientSampleId :

PB130317BS

Tot Ion:	77	Resp:	342084
Ion	Ratio	Lower	Upper
77	100		
105	105.5	82.5	122.5
106	101.5	78.7	118.7

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#10

Phenol

Concen: 39.216 ng

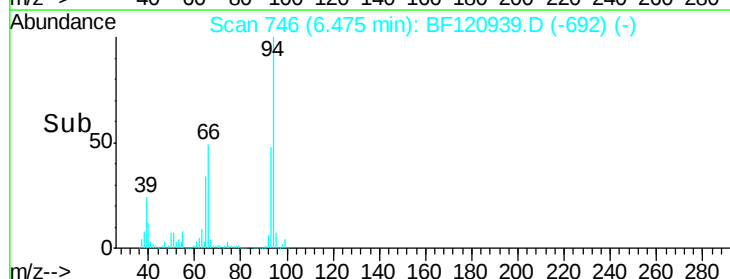
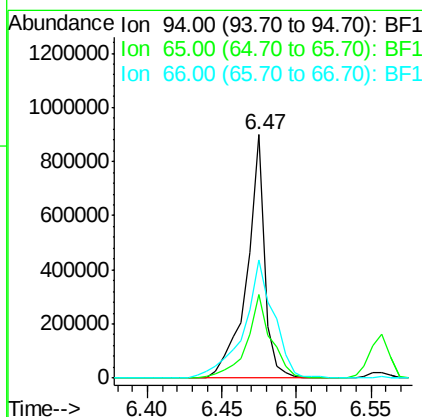
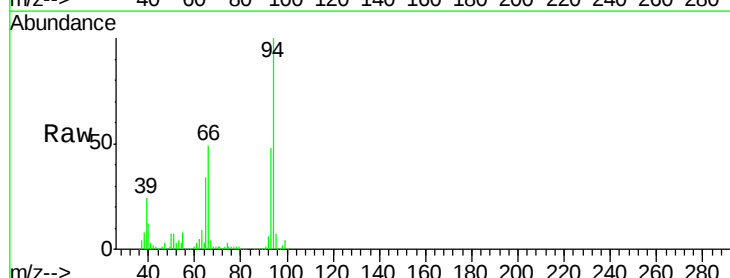
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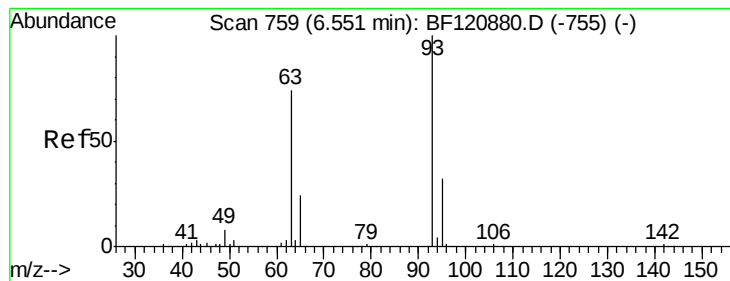
Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:	94	Resp:	742700
Ion	Ratio	Lower	Upper
94	100		
65	34.2	6.6	46.6
66	48.6	13.2	53.2





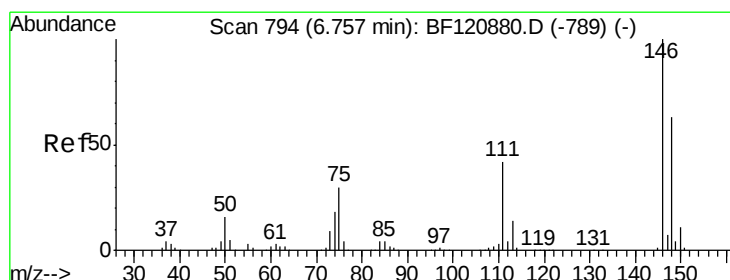
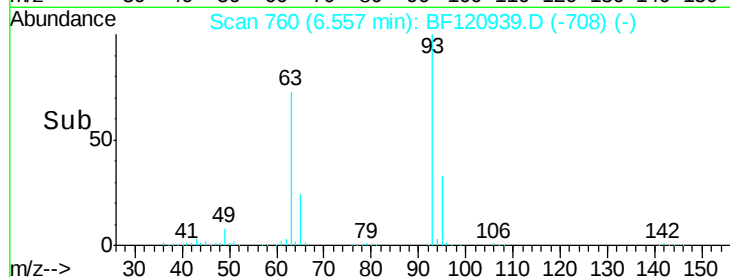
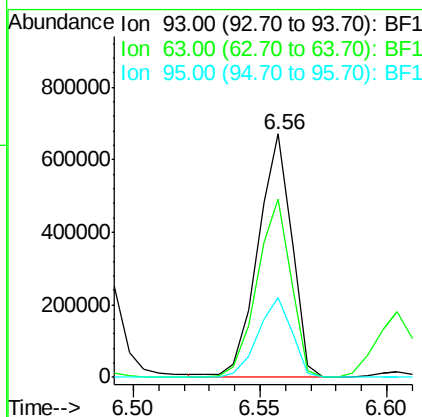
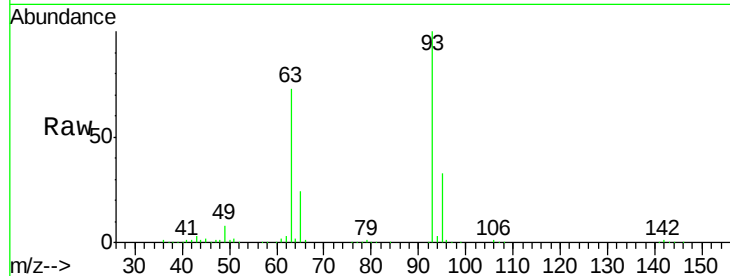
#11
bis(2-Chloroethyl)ether
Concen: 43.111 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	625722		
63	73.2		54.2	94.2
95	32.8		12.2	52.2

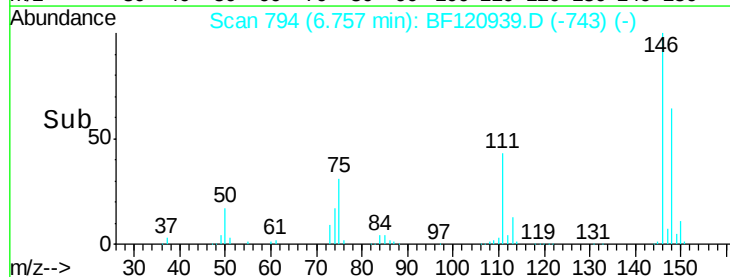
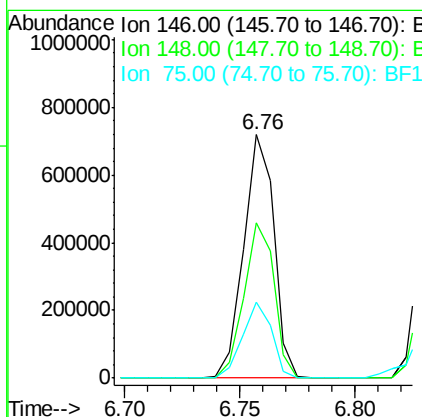
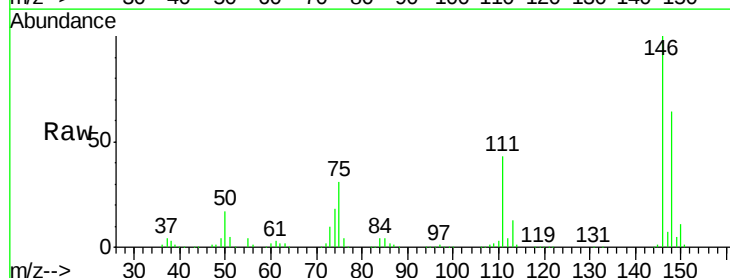
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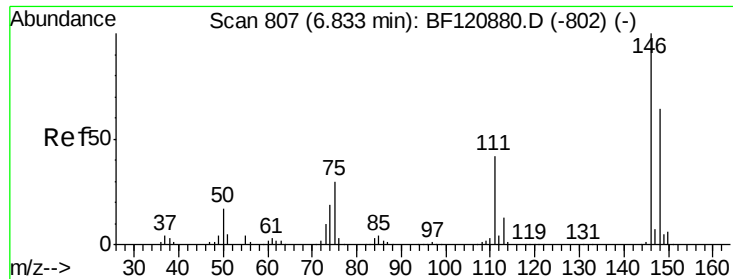
mohammad
7/21/2020 11:32:44 AM



#12
1,3-Dichlorobenzene
Concen: 41.532 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	661233		
148	63.7		50.6	75.8
75	31.0		24.1	36.1





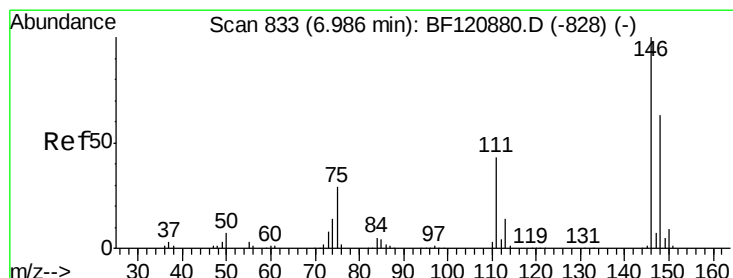
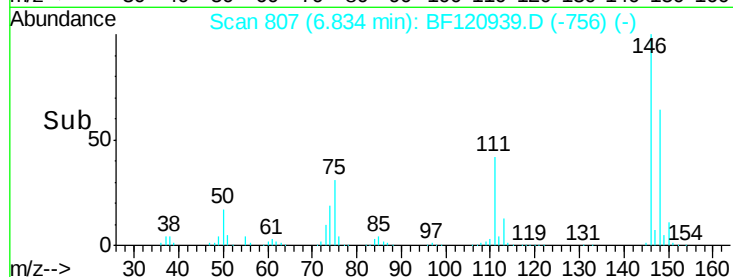
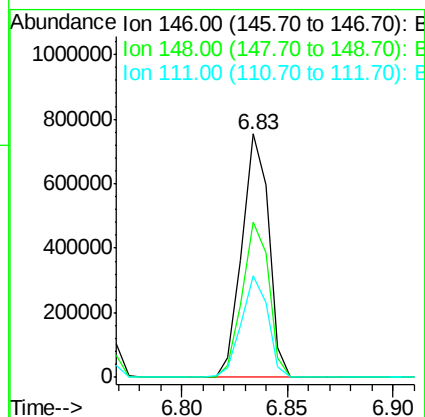
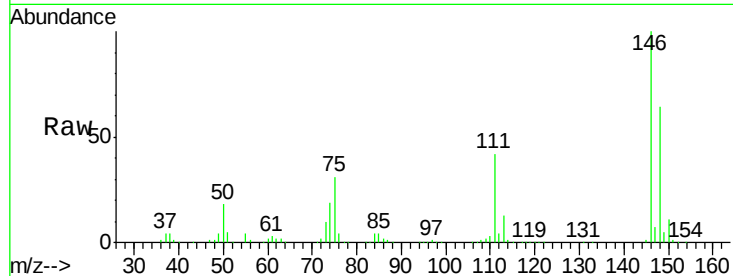
#13
1,4-Dichlorobenzene
Concen: 41.671 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	41.7	33.5	50.3

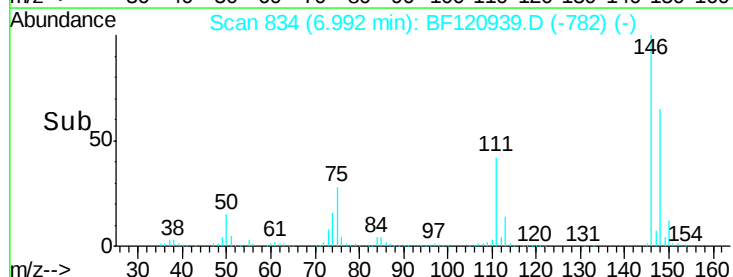
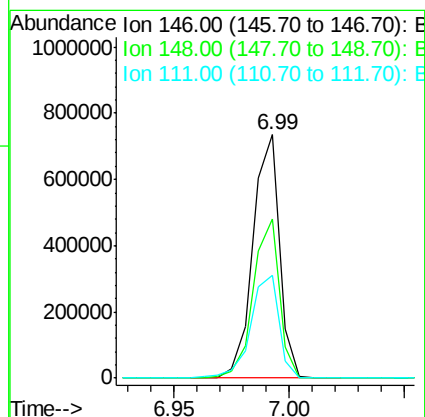
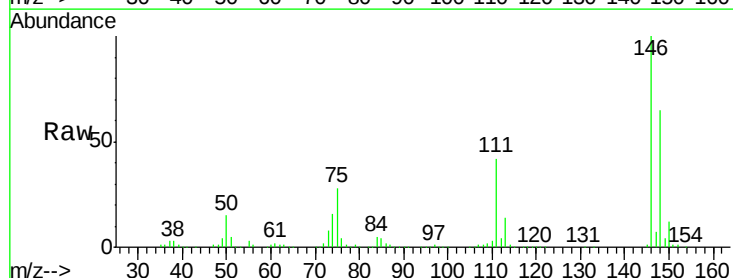
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#14
1,2-Dichlorobenzene
Concen: 39.588 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	76.0
111	42.2	34.2	51.2





#15

Benzyl Alcohol

Concen: 39.931 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

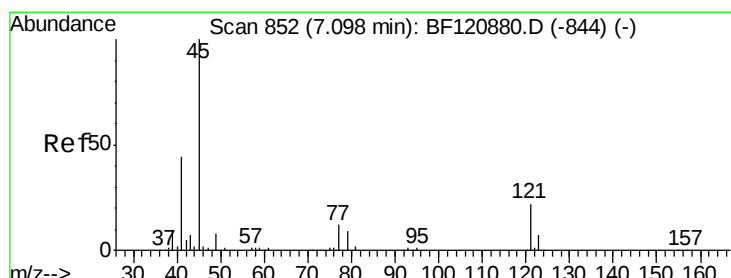
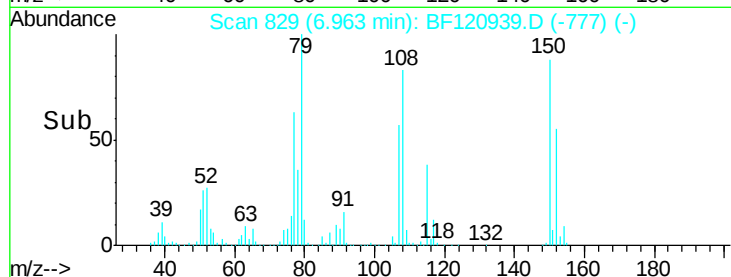
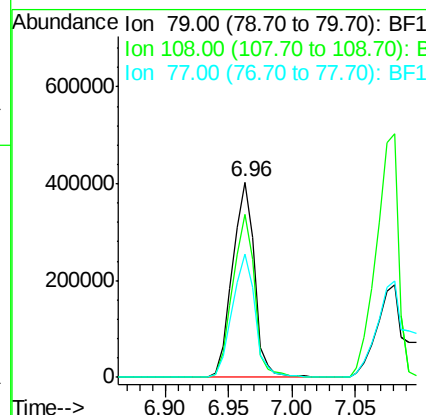
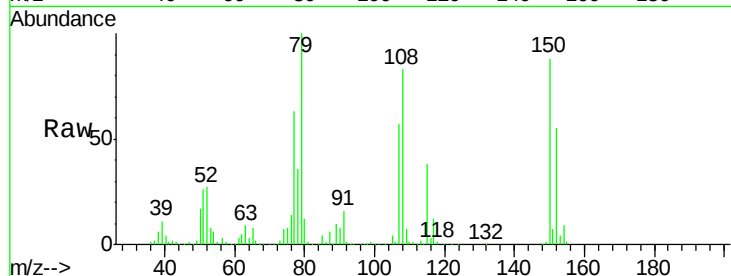
ClientSampleId :

PB130317BS

Tot Ion:	79	Resp:	486176
Ion Ratio	Lower	Upper	
79	100		
108	83.3	67.0	100.6
77	63.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.971 ng

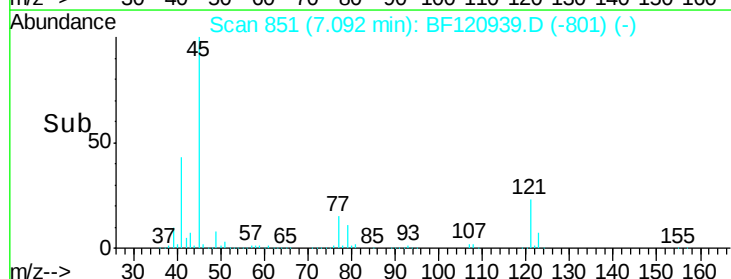
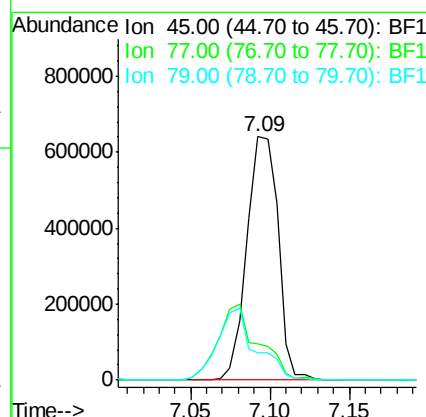
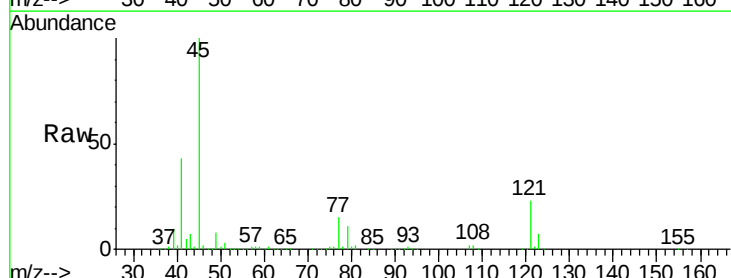
RT: 7.09 min Scan# 851

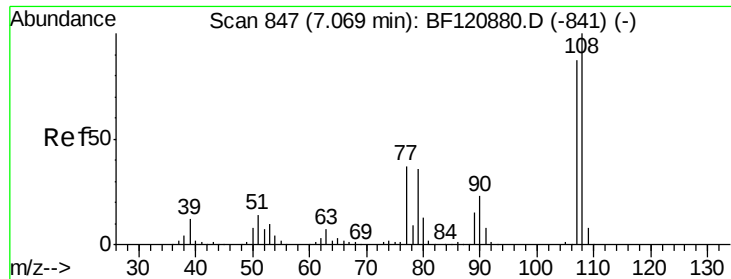
Delta R.T. -0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:	45	Resp:	878046
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.3
79	11.1	0.0	31.0





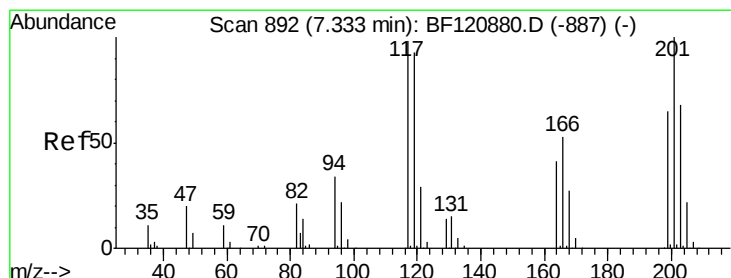
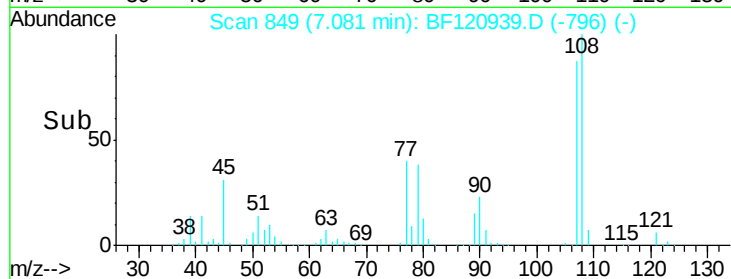
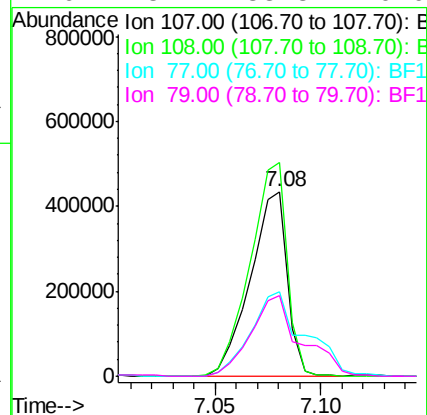
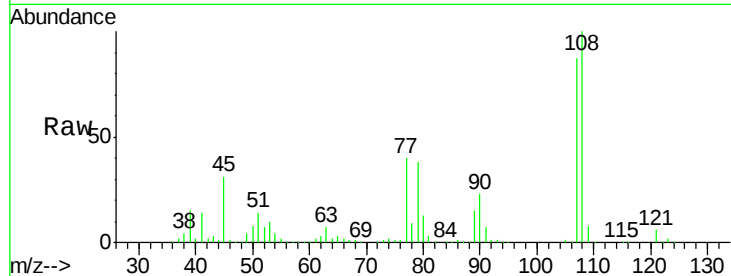
#17
2-Methylphenol
Concen: 40.520 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	92.0	138.0	
77	45.8	34.0	51.0	
79	43.7	33.3	49.9	

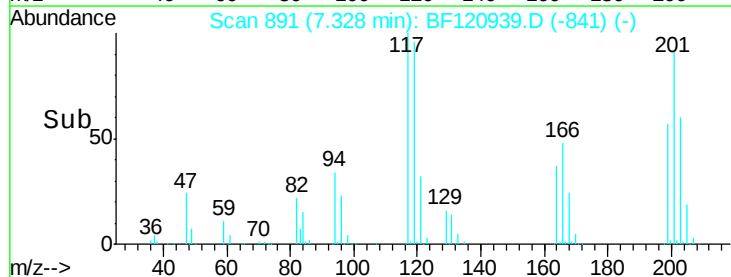
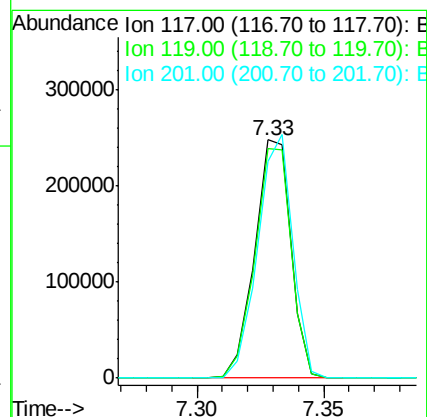
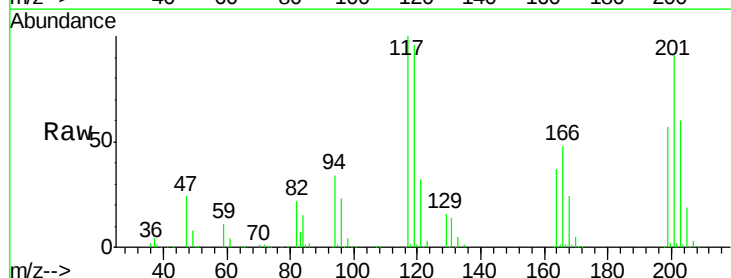
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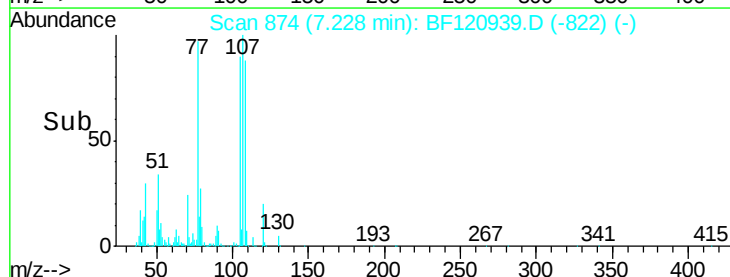
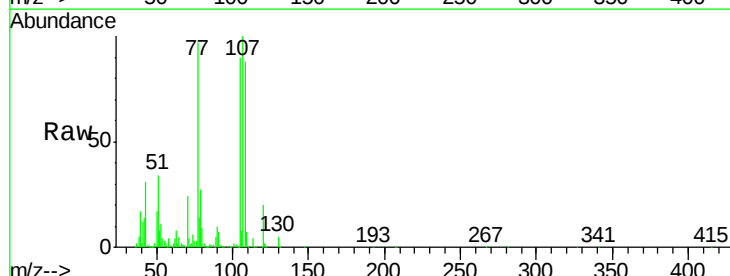
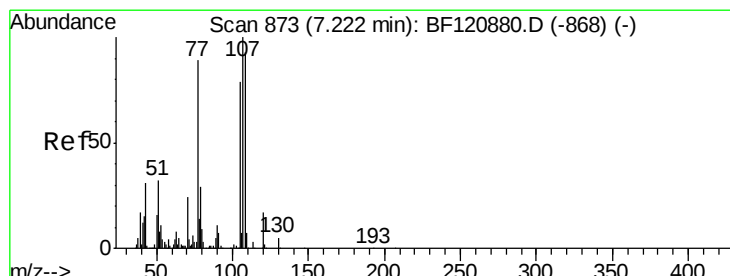
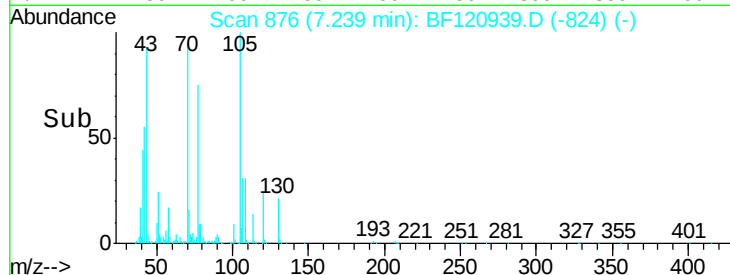
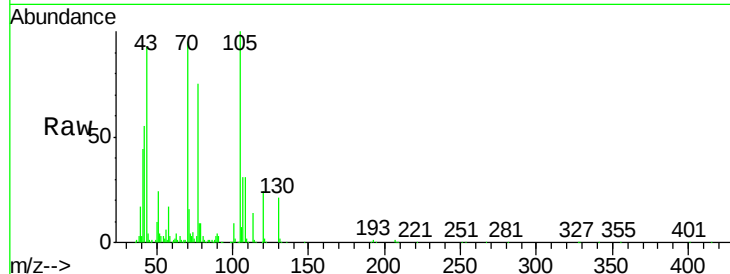
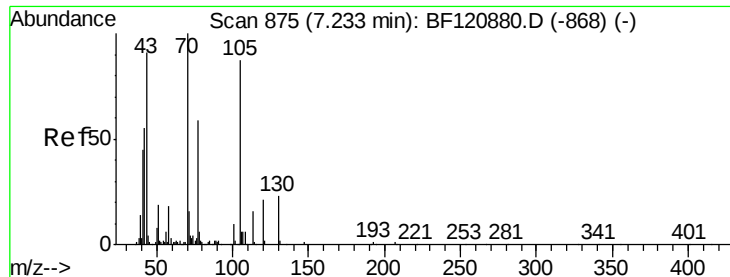
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#18
Hexachloroethane
Concen: 43.180 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.0	114.0	
201	91.1	81.7	122.5	





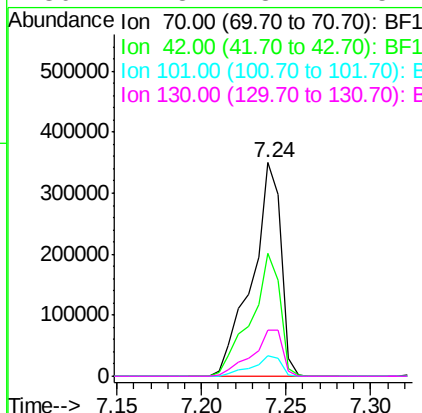
#19
n-Nitroso-di-n-propylamine
Concen: 42.577 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleID :
PB130317BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	44.0	66.0	
101	9.5	7.8	11.6	
130	21.8	18.7	28.1	

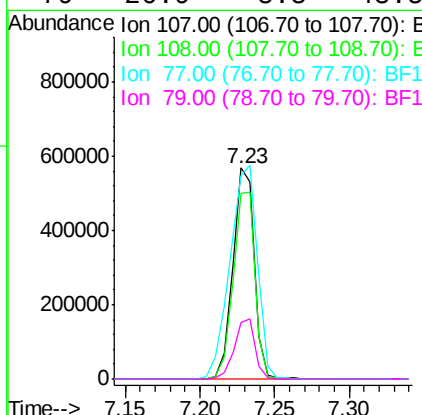
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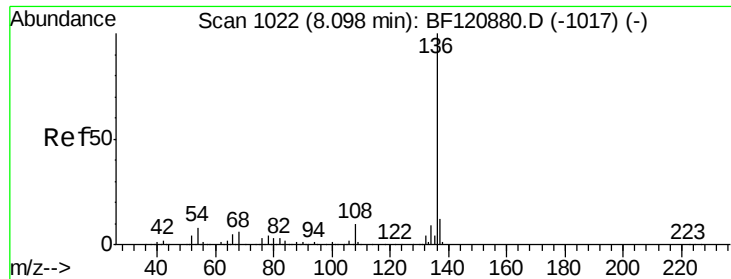
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#20
3+4-Methylphenols
Concen: 34.526 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	72.8	112.8	
77	96.8	68.7	108.7	
79	26.9	8.5	48.5	





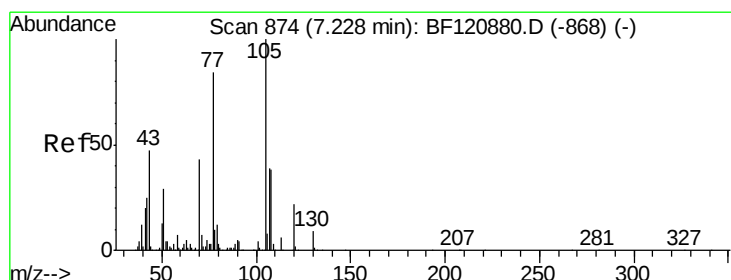
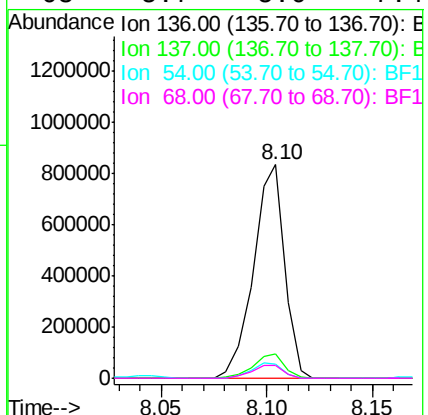
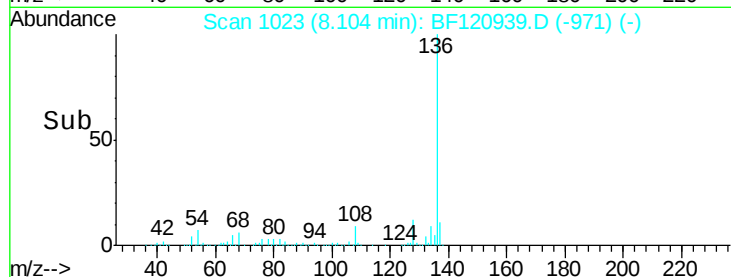
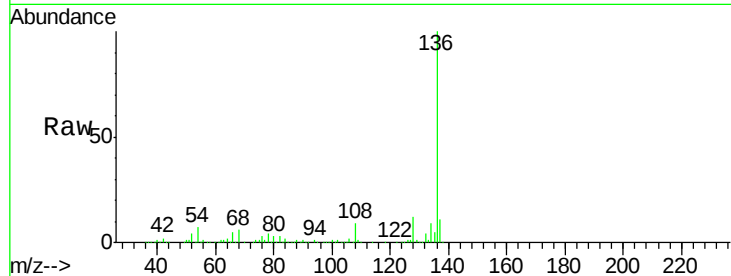
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		851918		
137	11.2		9.3	13.9	
54	6.8		6.3	9.5	
68	5.7		5.0	7.4	

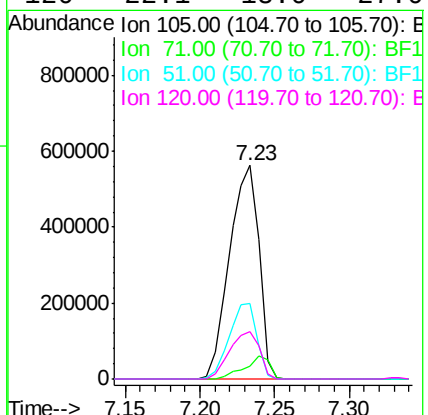
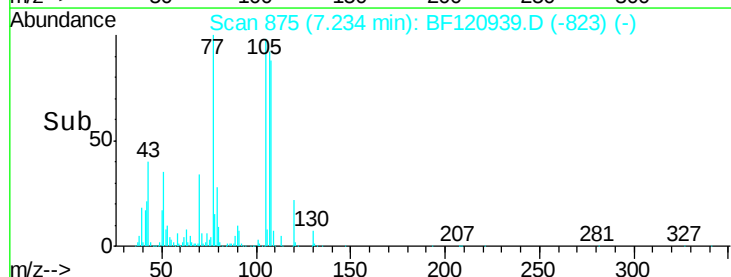
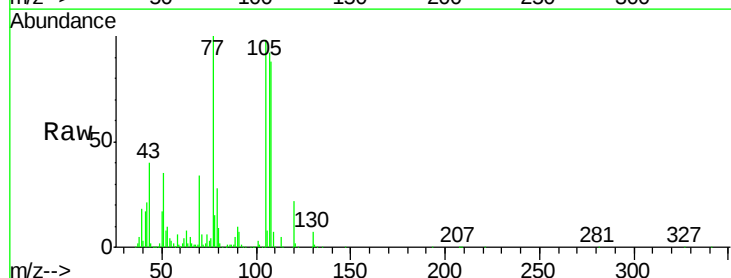
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#22
Acetophenone
Concen: 40.684 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		777854		
71	5.8		5.7	8.5	
51	35.4		22.9	34.3#	
120	22.1		18.0	27.0	





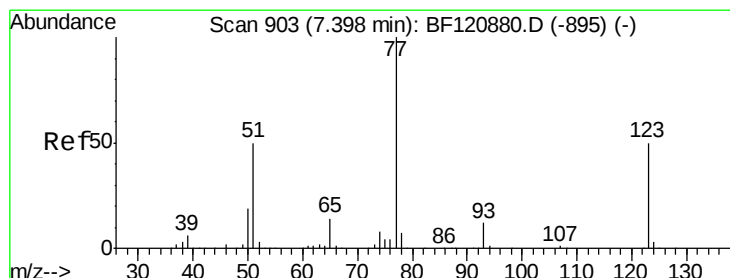
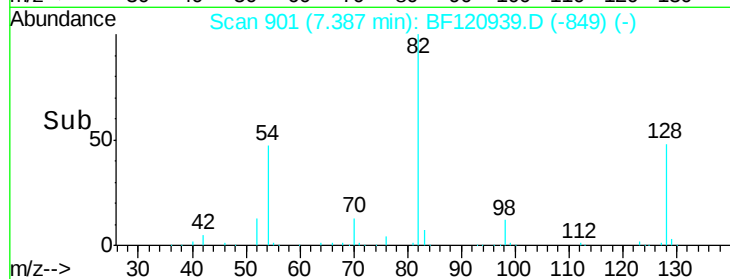
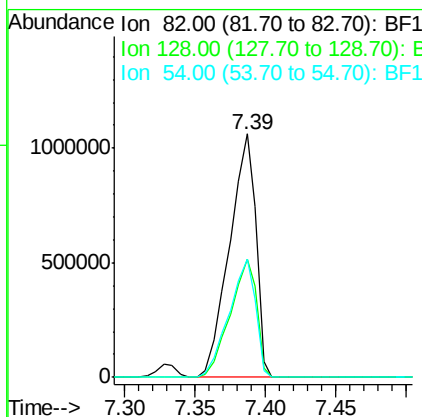
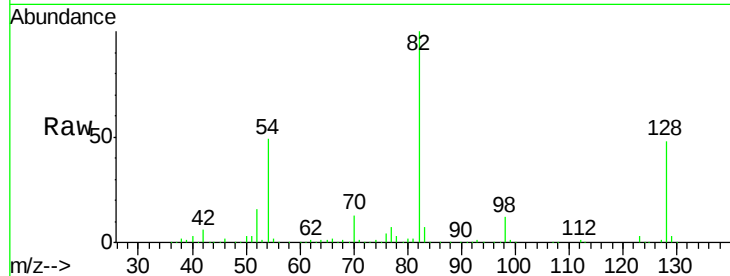
#23
 Nitrobenzene-d5
 Concen: 93.867 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.4
54	48.5	38.7	58.1

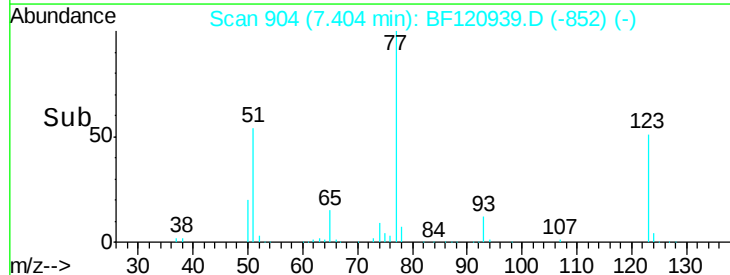
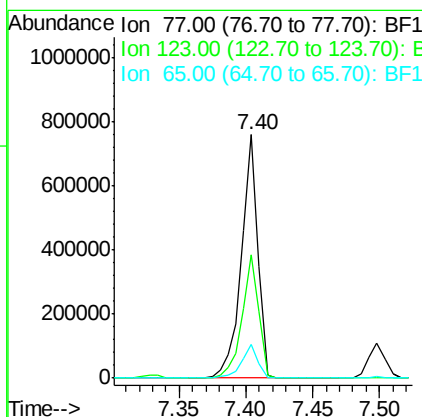
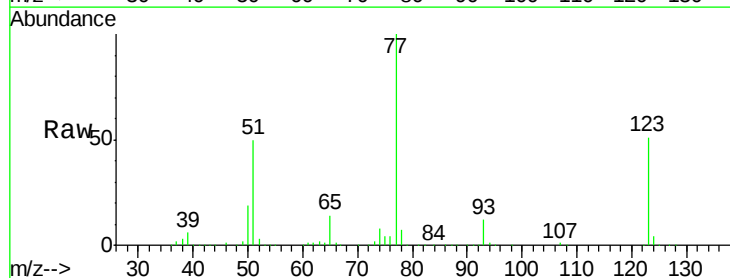
Manual Integrations
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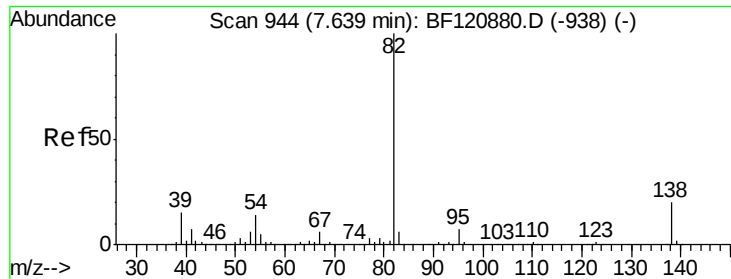
mohammad
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#24
 Nitrobenzene
 Concen: 41.143 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.1	60.1
65	13.7	10.8	16.2





#25

Isophorone

Concen: 42.056 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion: 82 Resp: 1235758

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

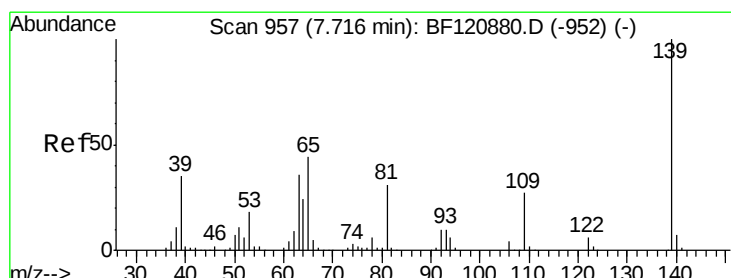
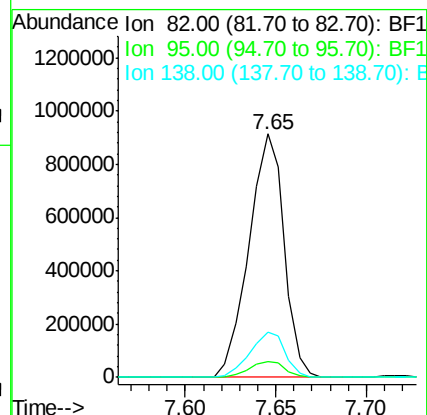
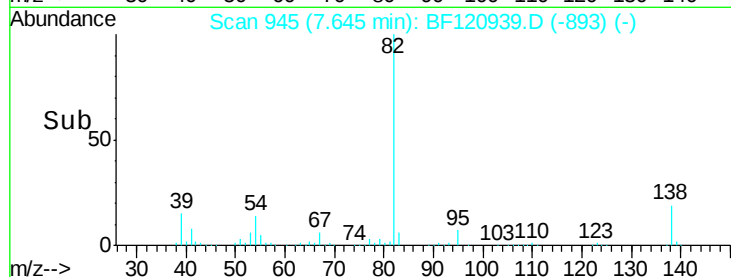
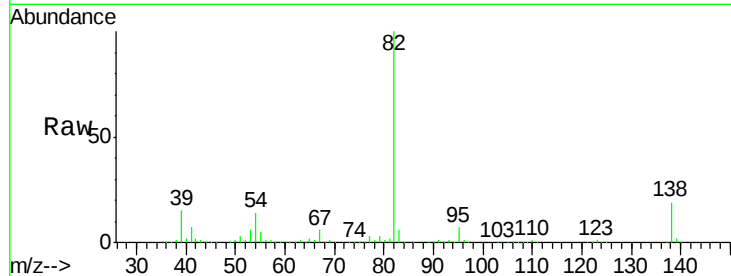
138 18.7 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.662 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

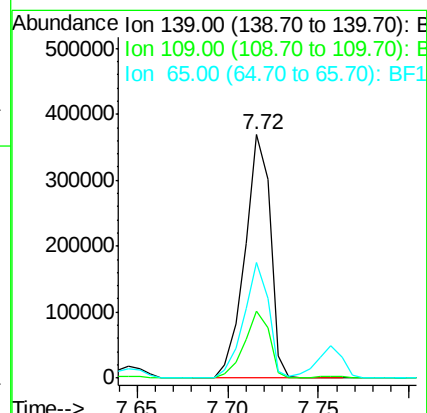
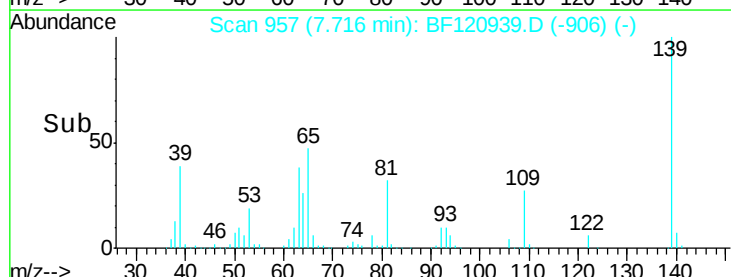
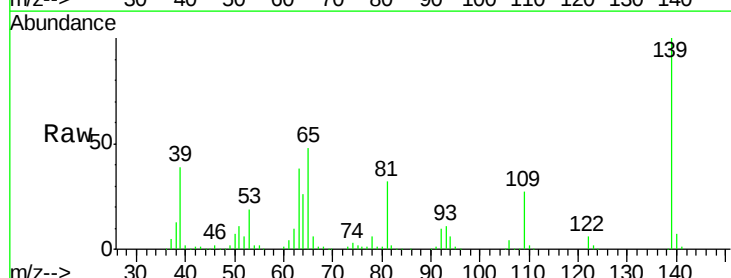
Tgt Ion: 139 Resp: 359200

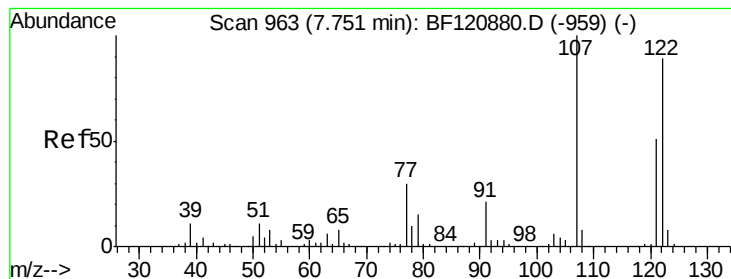
Ion Ratio Lower Upper

139 100

109 27.3 21.6 32.4

65 47.5 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 44.431 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

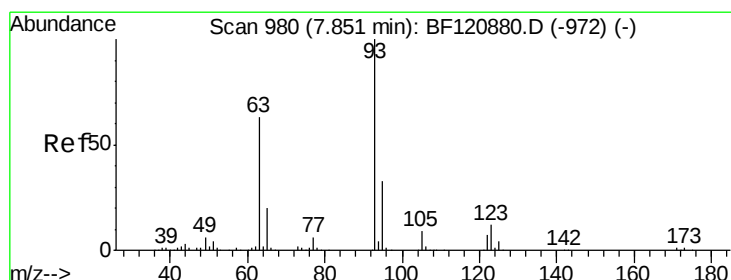
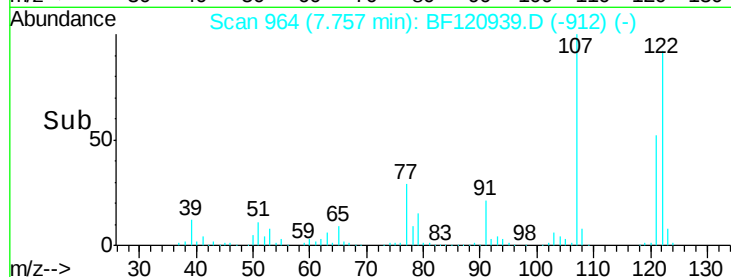
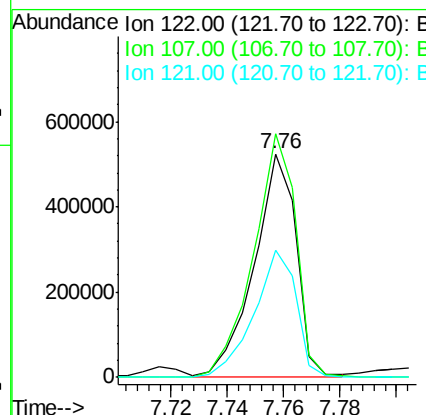
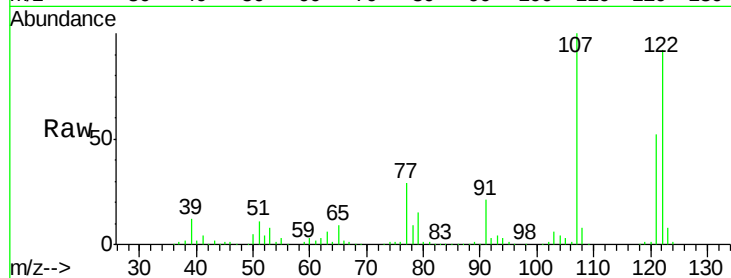
ClientSampleId :

PB130317BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.4	134.0
121	56.7	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.926 ng

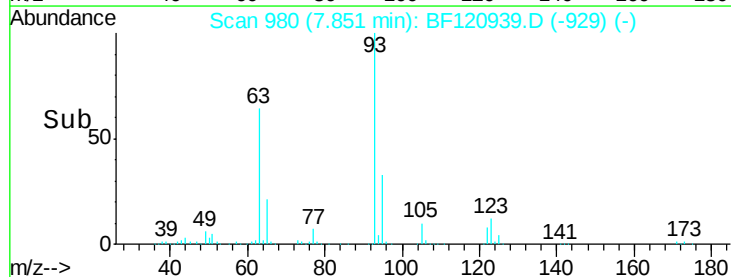
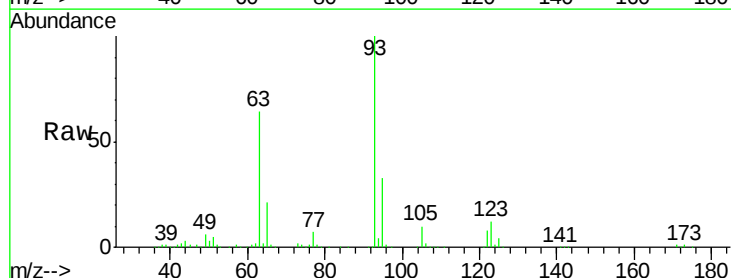
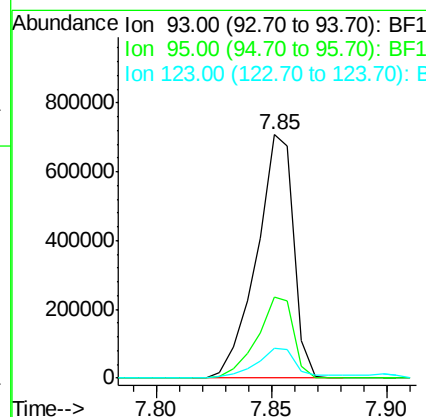
RT: 7.85 min Scan# 980

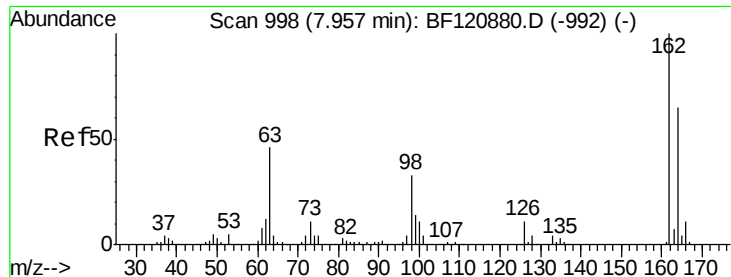
Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	12.1	10.0	15.0





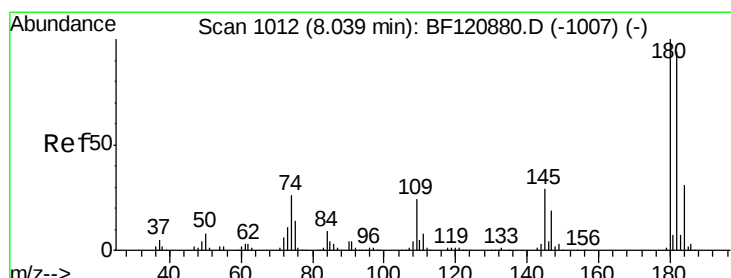
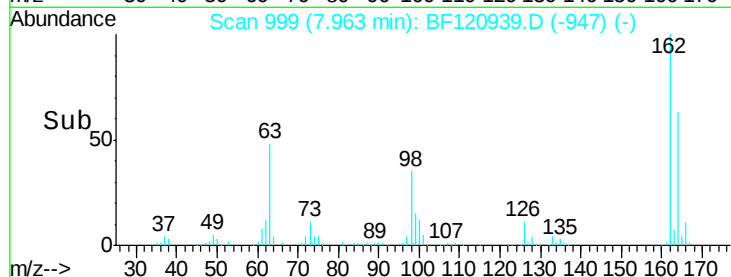
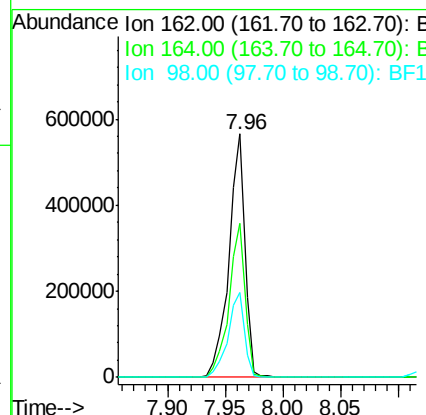
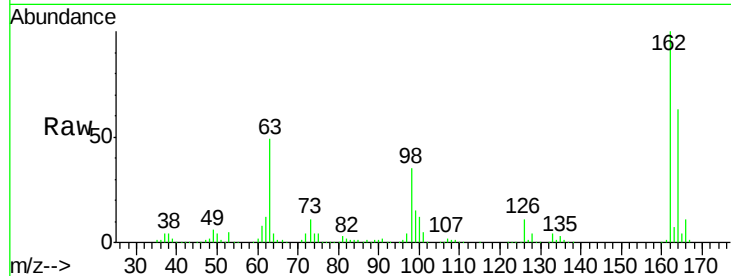
#29
 2,4-Dichlorophenol
 Concen: 43.911 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	549053		
164	63.4	45.3	85.3	
98	34.9	13.3	53.3	

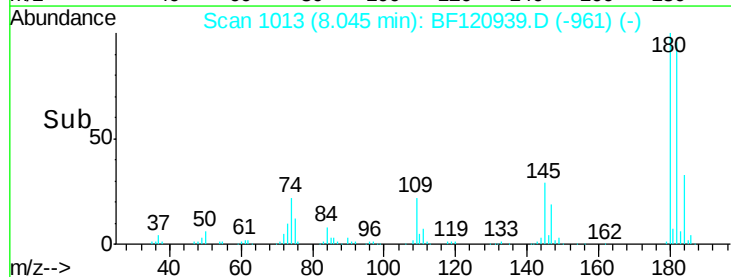
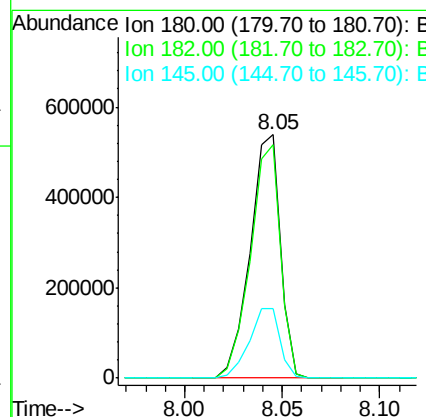
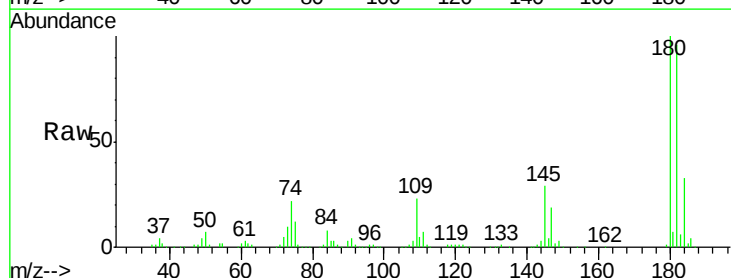
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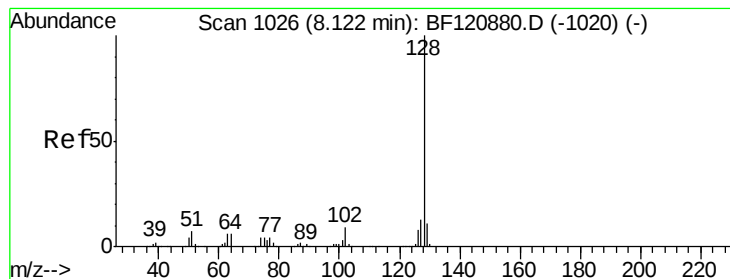
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.670 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	578065		
182	95.6	75.0	112.6	
145	28.7	23.5	35.3	





#31

Naphthalene

Concen: 40.508 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:128 Resp: 1770165

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

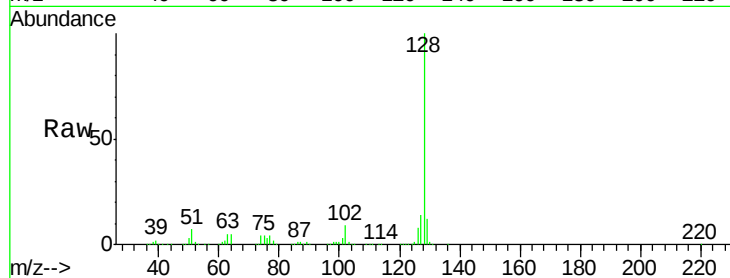
127 13.9 10.7 16.1

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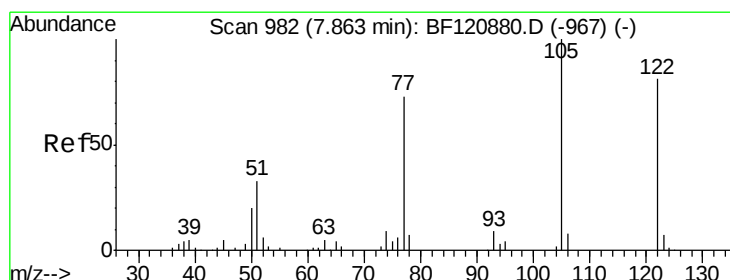
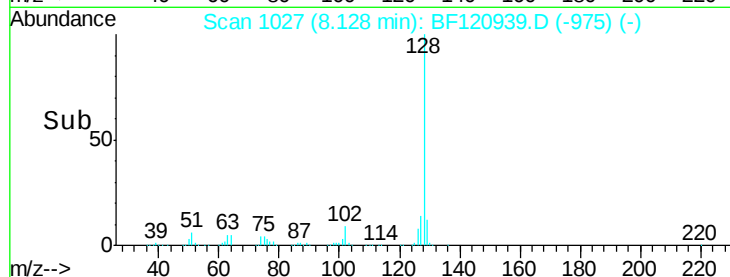
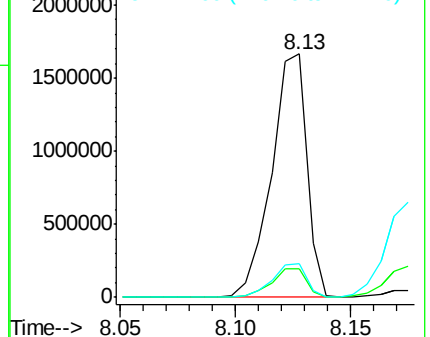
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.392 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

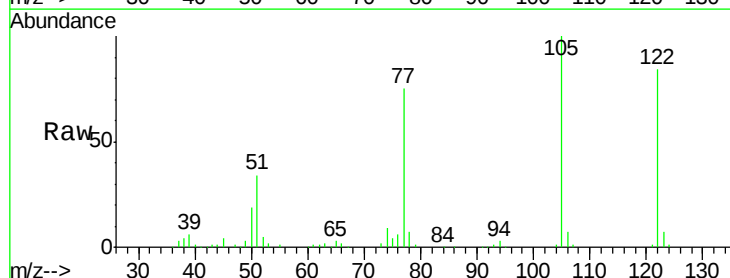
Tgt Ion:122 Resp: 453681

Ion Ratio Lower Upper

122 100

105 119.7 101.3 141.3

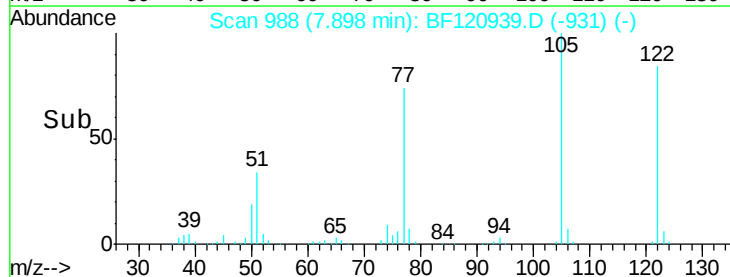
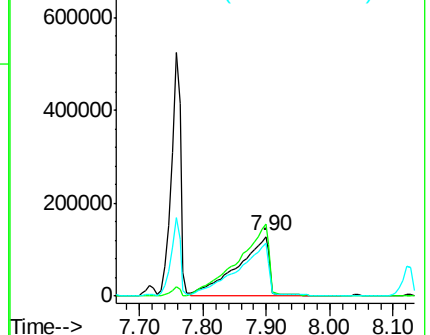
77 89.4 69.1 109.1



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





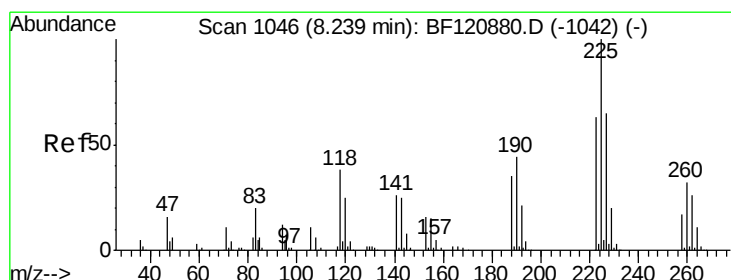
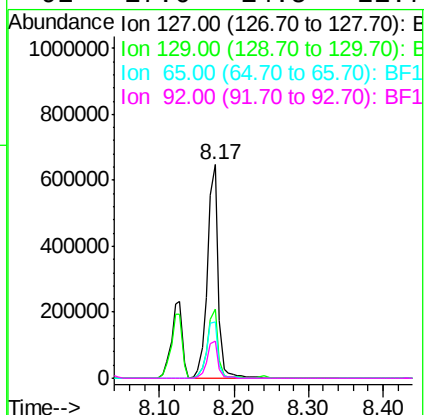
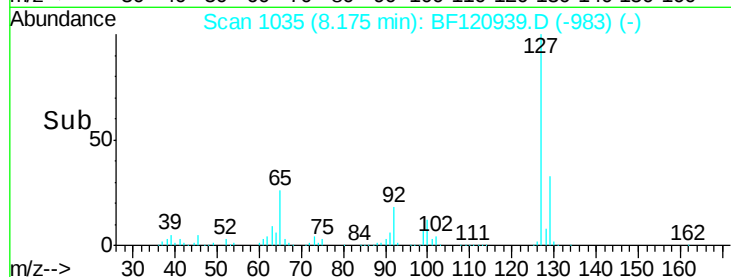
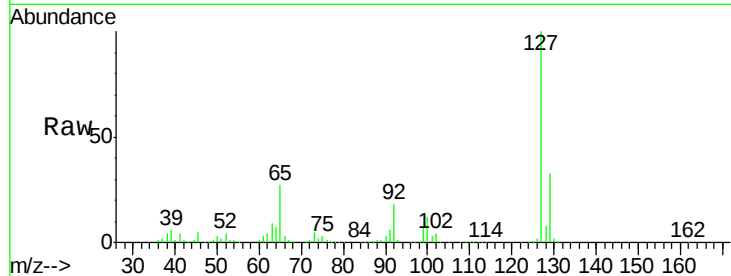
#33
4-Chloroaniline
Concen: 33.286 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	26.6	23.0	34.4
92	17.6	14.5	21.7

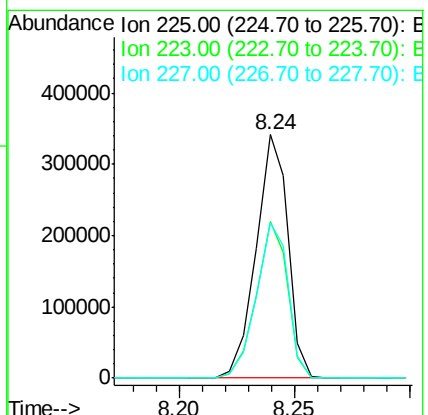
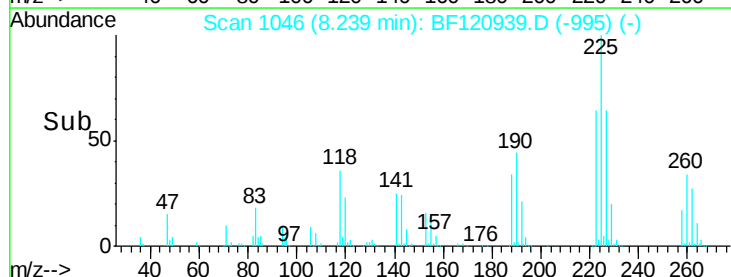
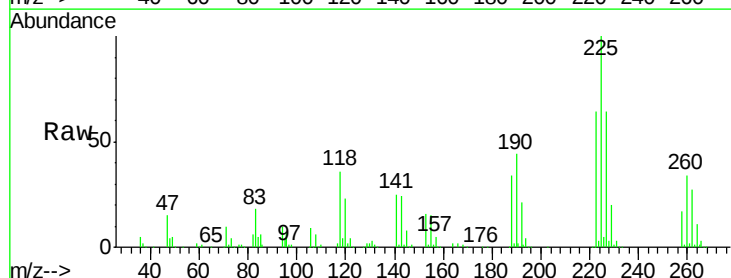
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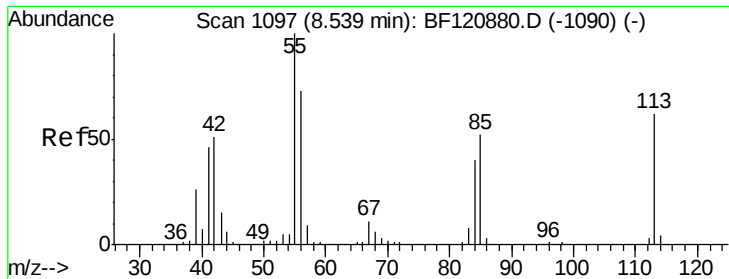
mohammad
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#34
Hexachlorobutadiene
Concen: 40.074 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.0	52.2	78.2





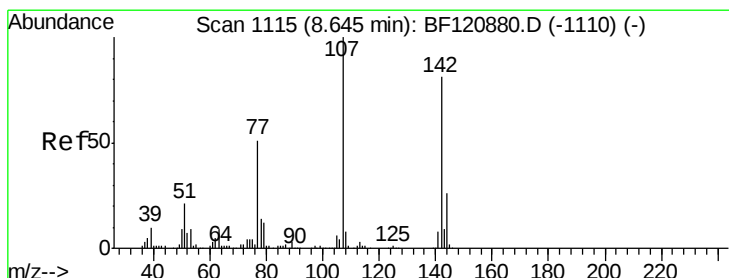
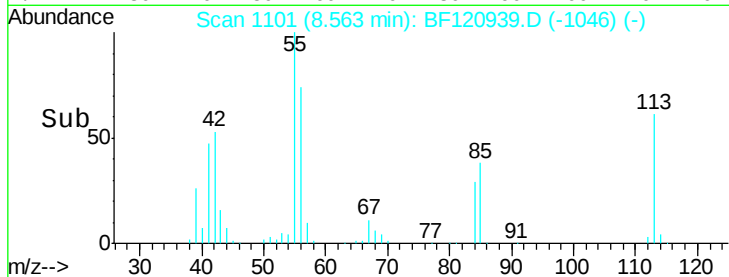
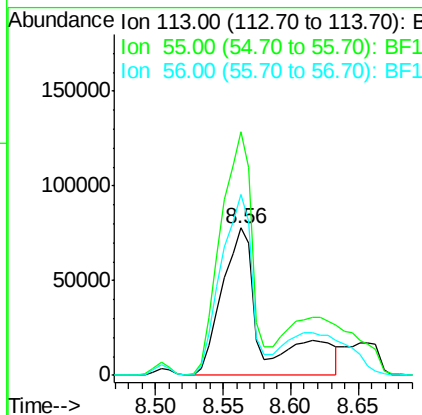
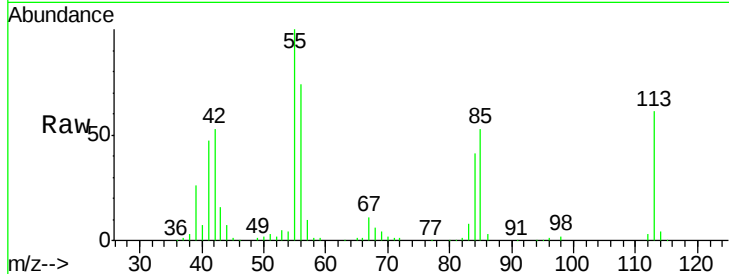
#35
 Caprolactam
 Concen: 42.199 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	143.3	183.3
56	122.9	99.4	139.4

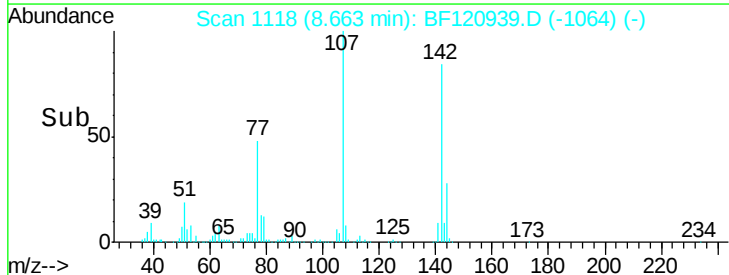
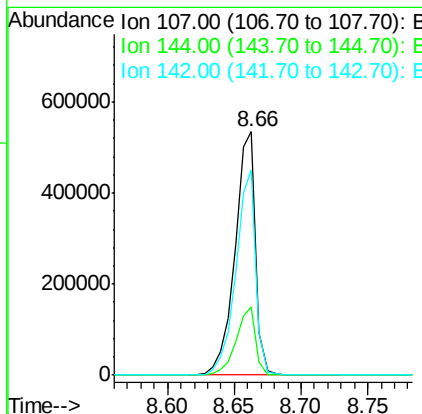
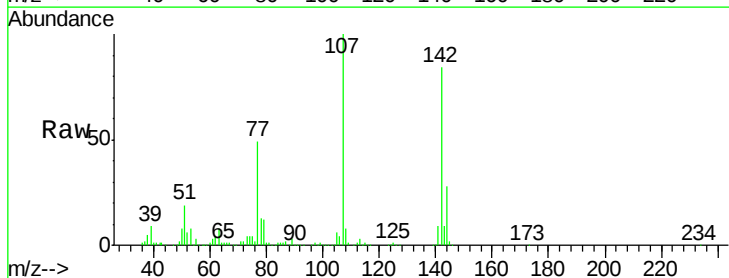
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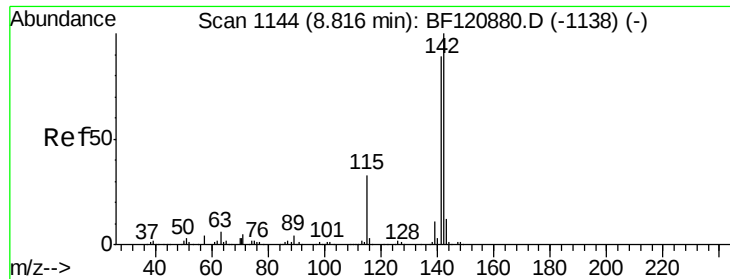
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#36
 4-Chloro-3-methylphenol
 Concen: 44.853 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.0	31.6
142	84.3	65.0	97.6





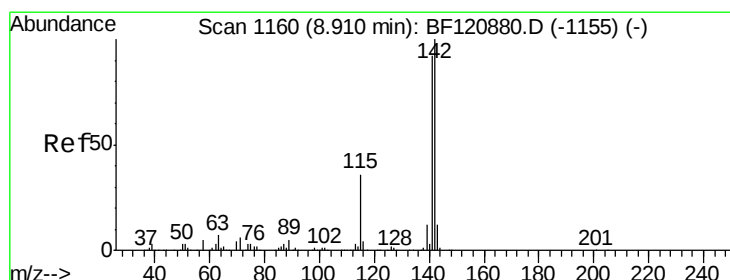
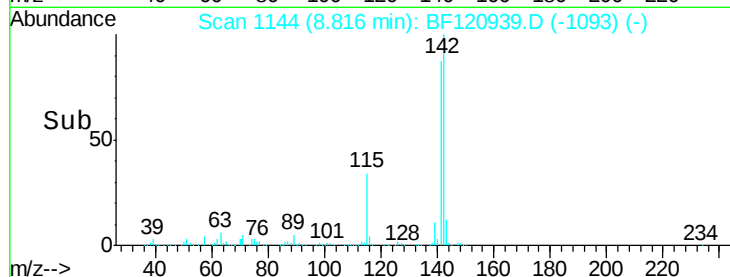
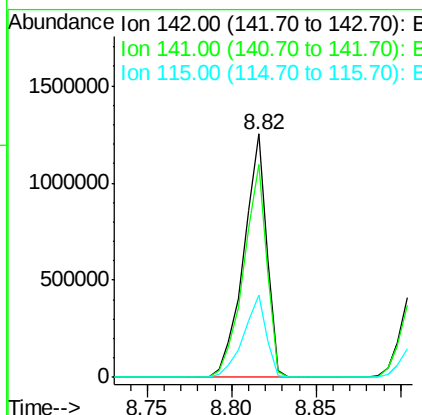
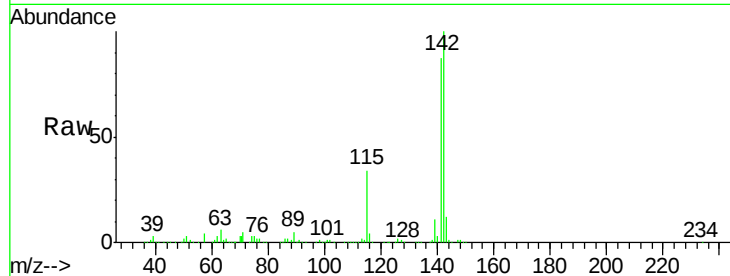
#37
2-Methylnaphthalene
Concen: 42.188 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:142 Resp: 1197045
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.4
115 33.8 26.0 39.0

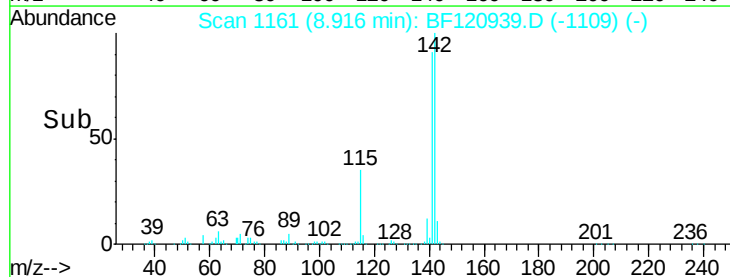
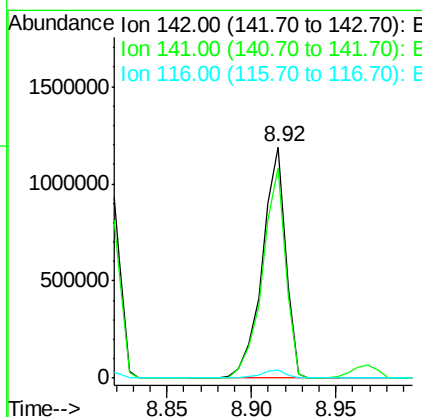
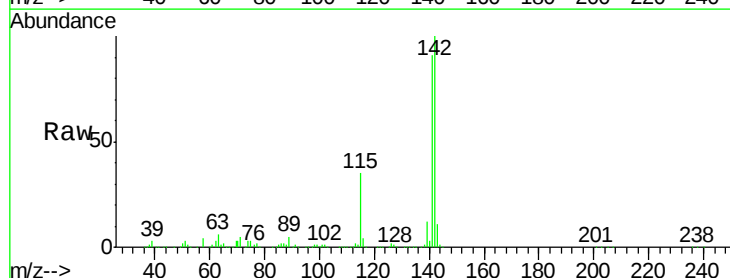
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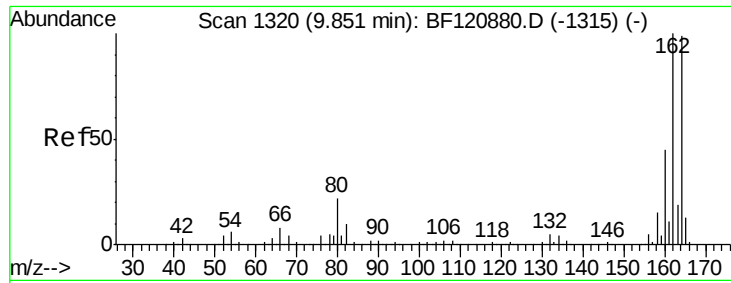
mohammad
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#38
1-Methylnaphthalene
Concen: 42.327 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:142 Resp: 1137458
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5
116 3.8 3.0 4.6





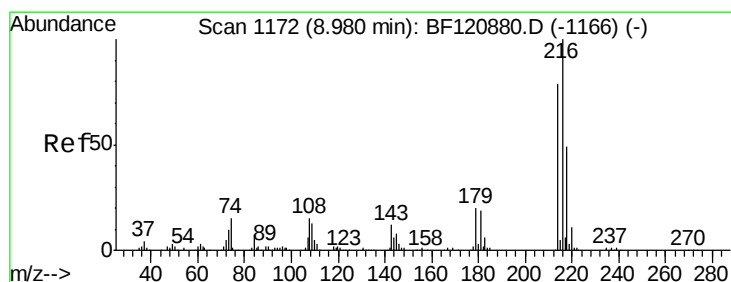
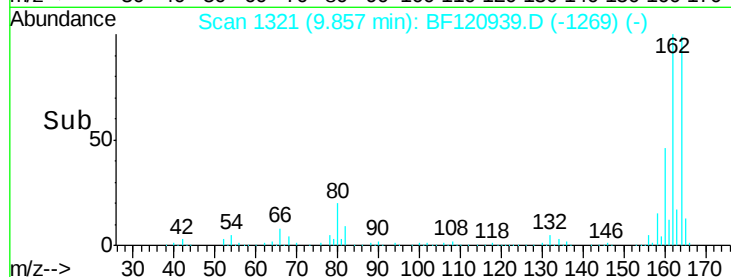
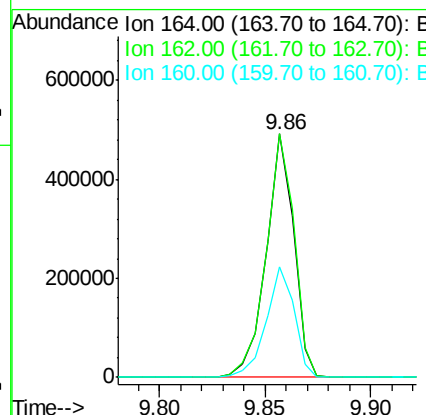
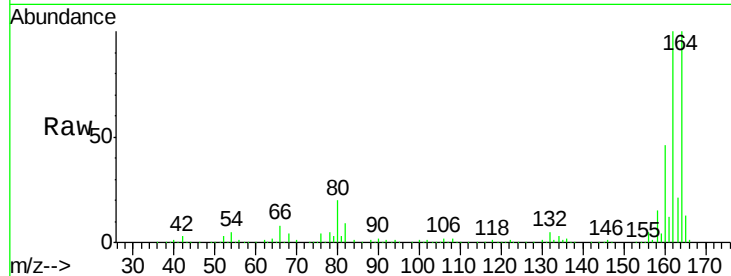
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	45.7	36.9	55.3

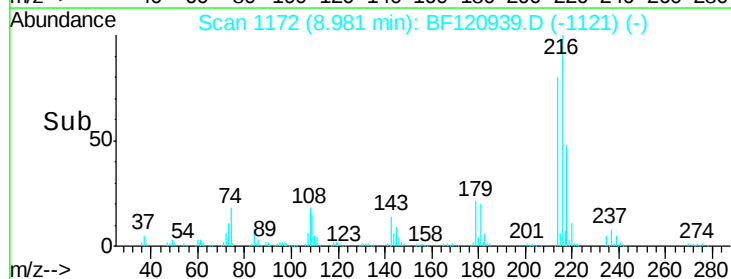
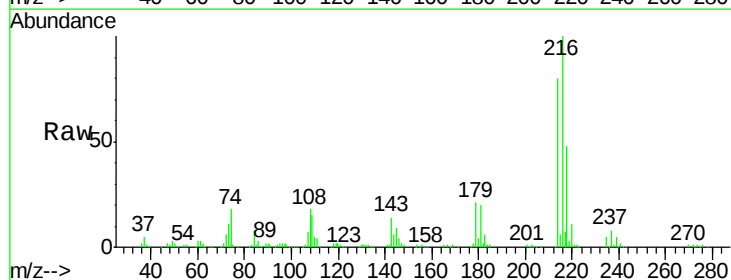
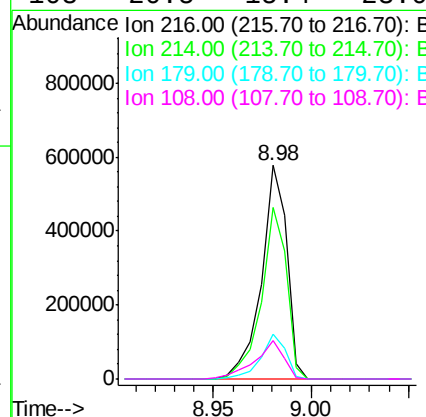
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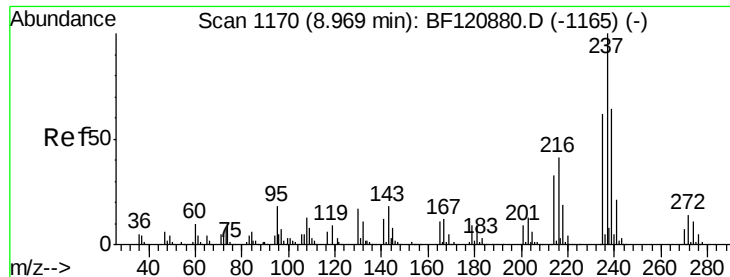
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.720 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.6	24.8
108	20.5	15.4	23.0





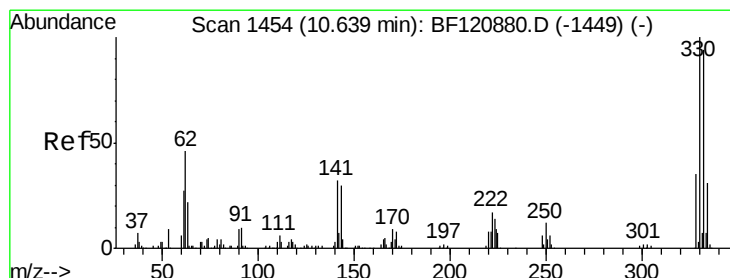
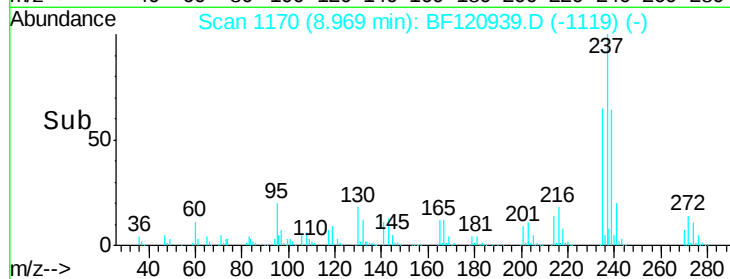
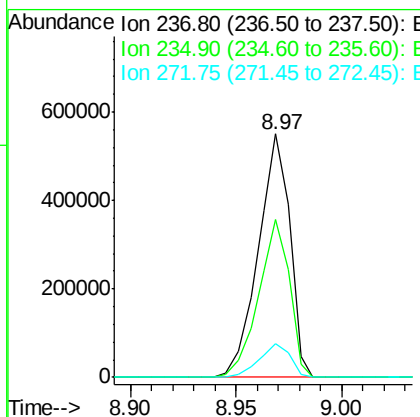
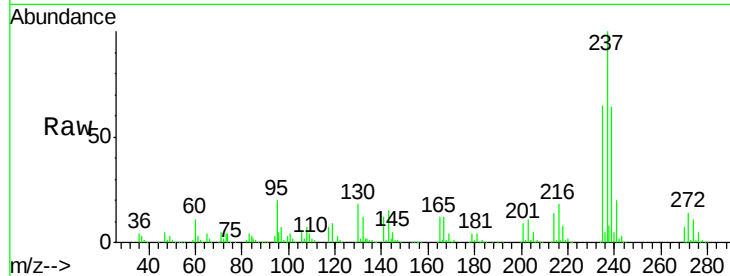
#41
Hexachlorocyclopentadiene
Concen: 78.611 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:	237	Resp:	570192
Ion Ratio	Lower	Upper	
237	100		
235	64.7	41.6	81.6
272	13.9	0.0	33.7

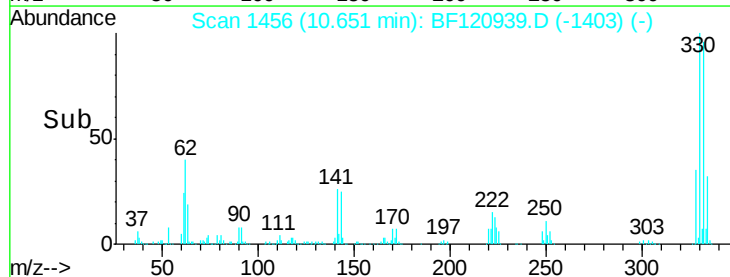
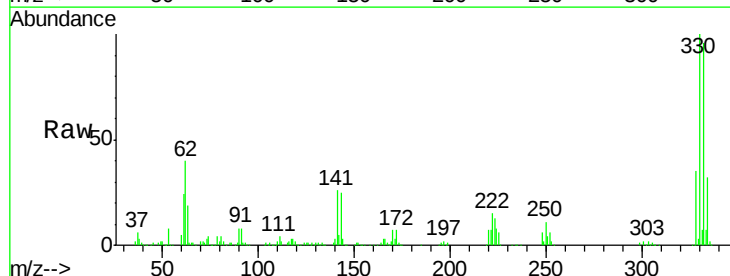
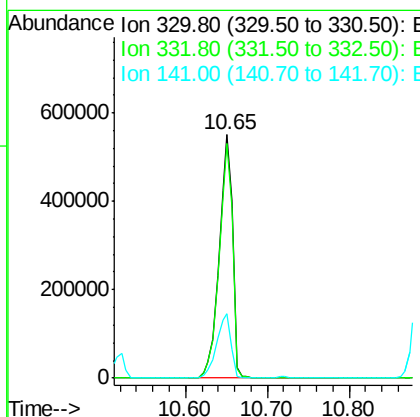
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#42
2,4,6-Tribromophenol
Concen: 128.249 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:	330	Resp:	632337
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.5	113.3
141	28.1	25.7	38.5





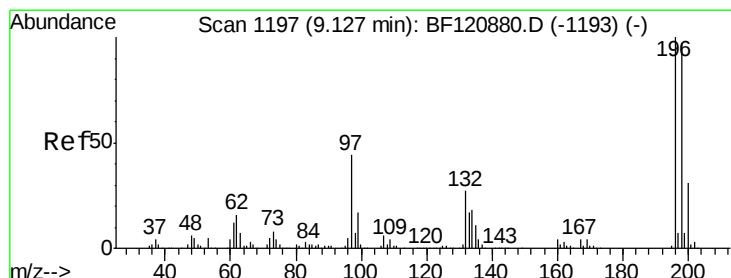
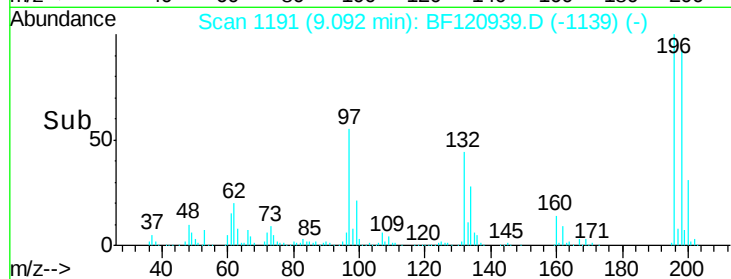
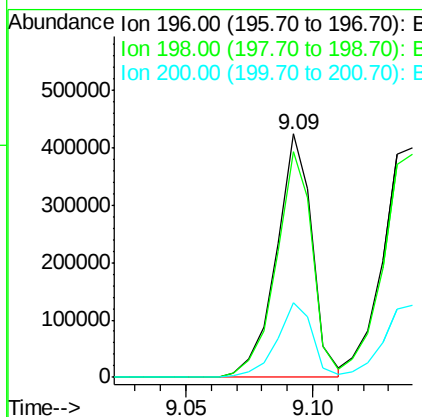
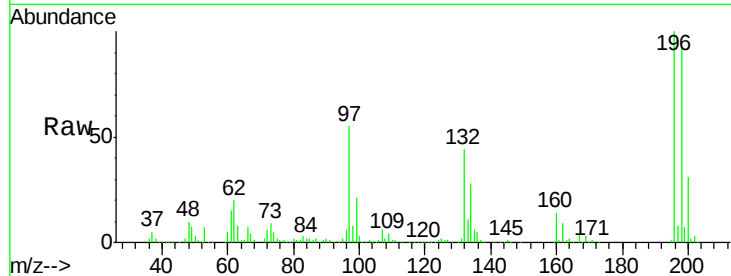
#43
 2,4,6-Trichlorophenol
 Concen: 45.230 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampled :
 PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	417947		
198	92.8	75.7	113.5	
200	30.5	24.4	36.6	

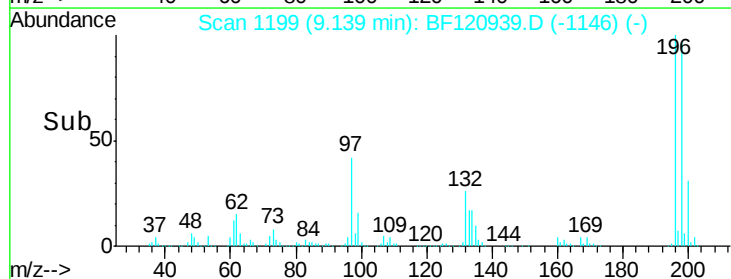
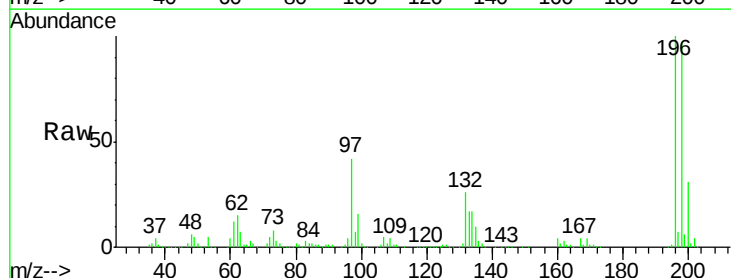
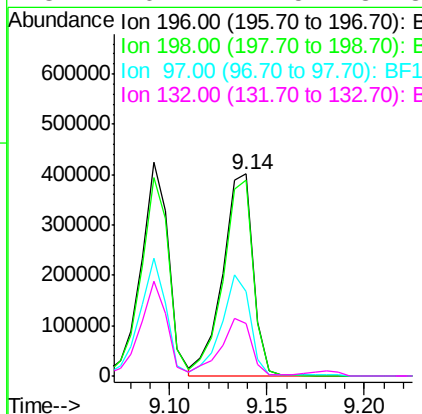
Manual Integrations
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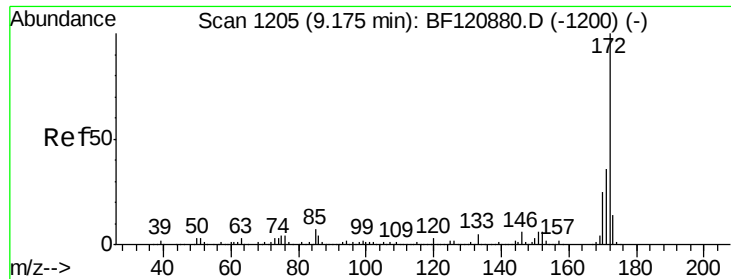
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.418 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	434128		
198	97.2	77.6	116.4	
97	42.2	35.6	53.4	
132	26.1	21.5	32.3	





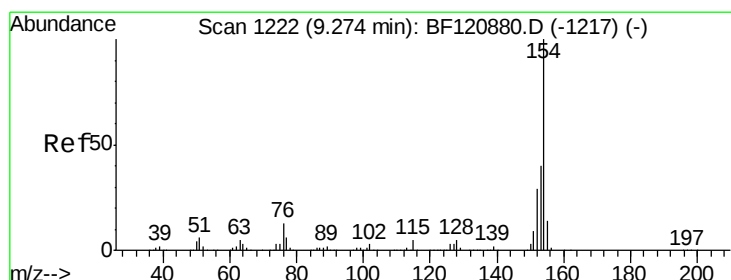
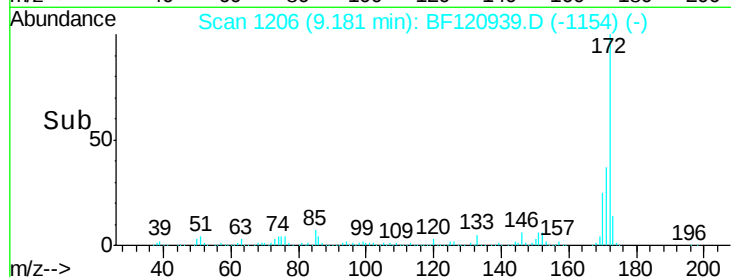
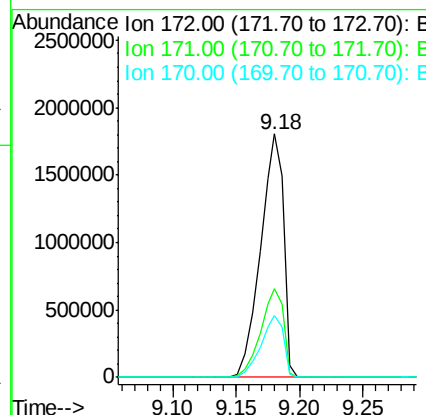
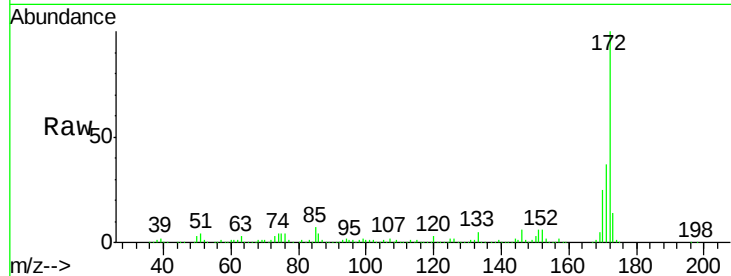
#45
2-Fluorobiphenyl
Concen: 75.704 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.2	19.6	29.4

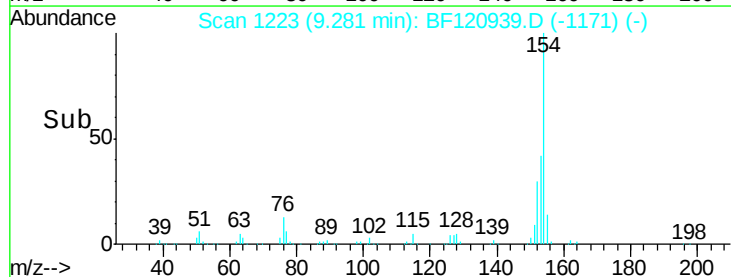
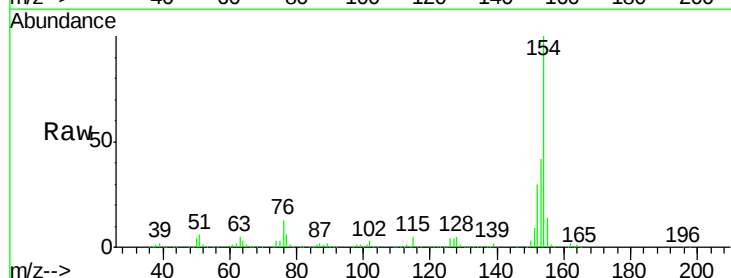
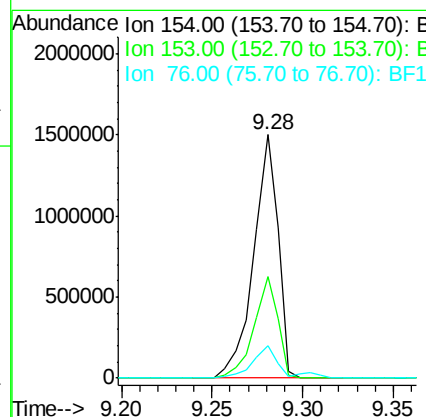
Manual Integrations
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#46
1,1'-Biphenyl
Concen: 40.877 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.4	60.4
76	13.1	0.0	33.1





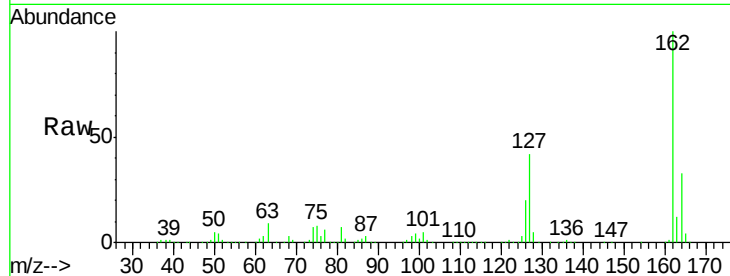
#47
 2-Chloronaphthalene
 Concen: 40.385 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.6	33.3	49.9	
164	33.4	26.6	39.8	

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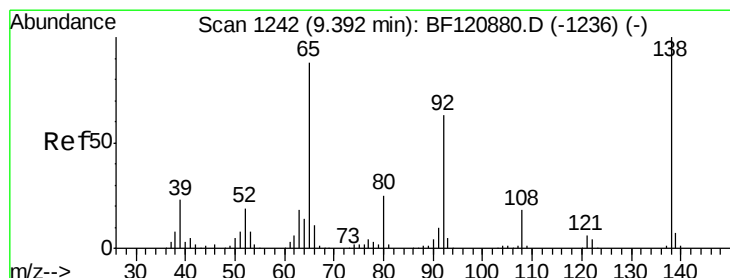
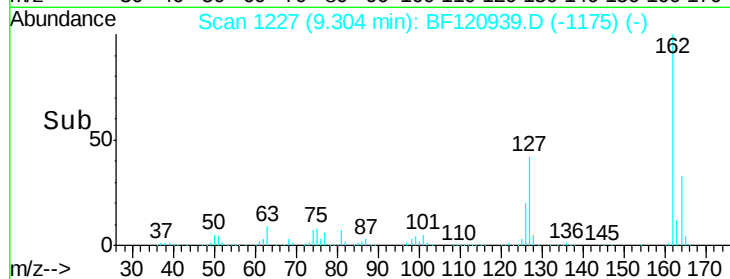
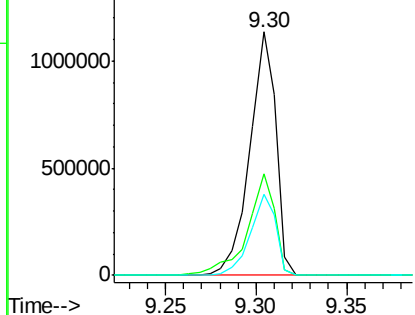


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.161 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

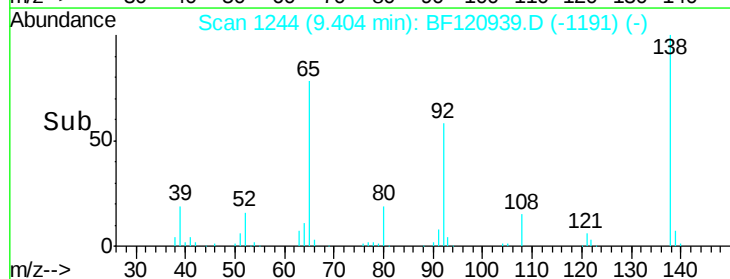
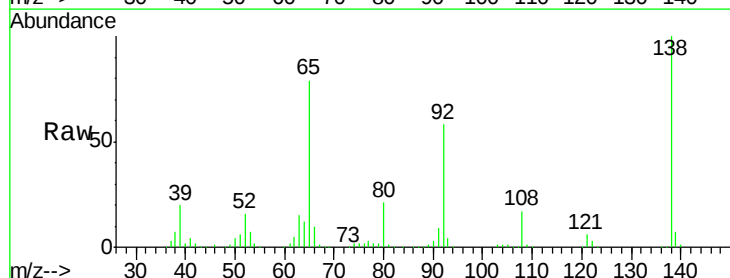
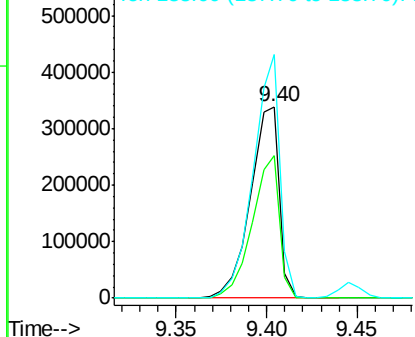
Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	74.0	57.0	85.4	
138	127.0	90.4	135.6	

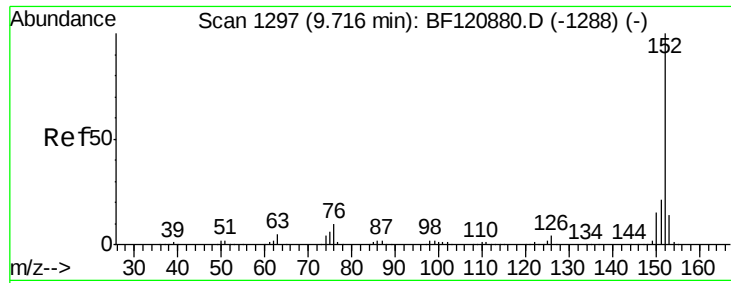
Abundance

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: 40.733 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:152 Resp: 1772683

Ion Ratio Lower Upper

152 100

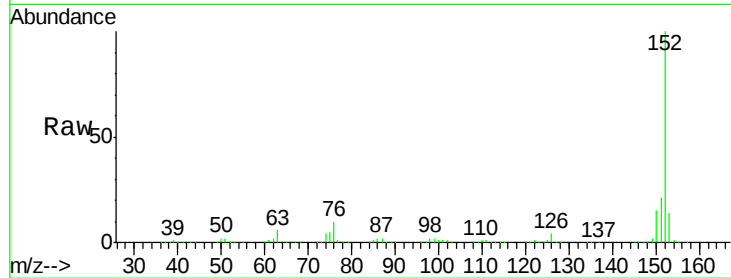
151 20.8 16.6 25.0

153 13.8 10.9 16.3

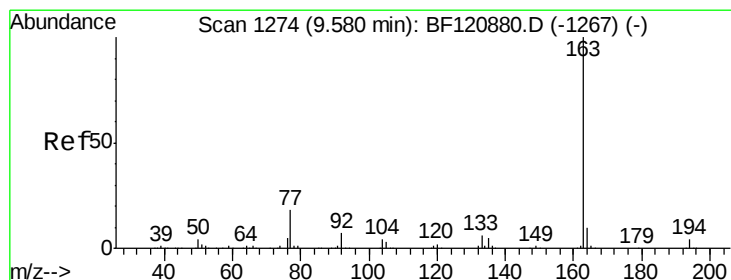
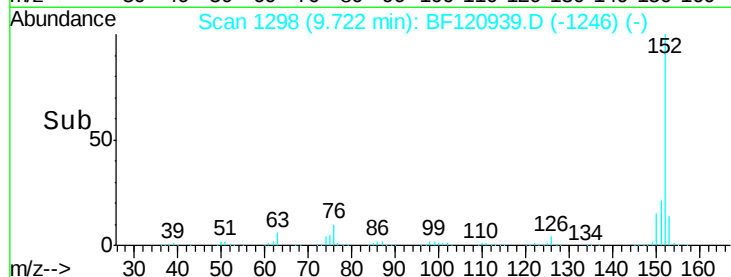
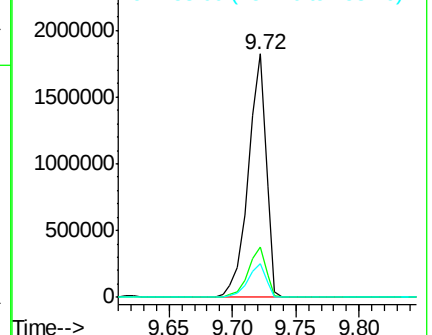
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.431 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

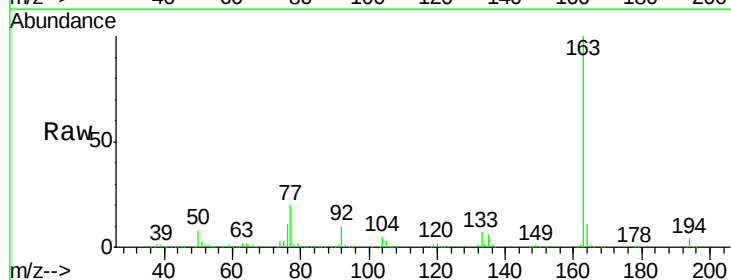
Tgt Ion:163 Resp: 1378851

Ion Ratio Lower Upper

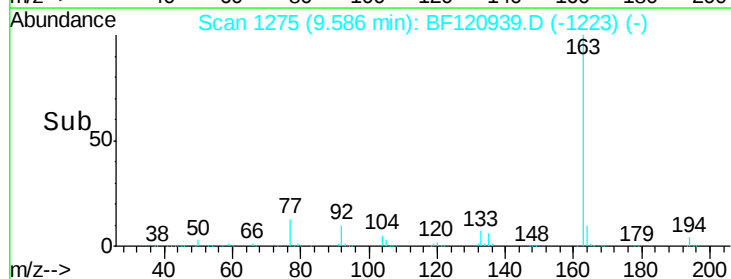
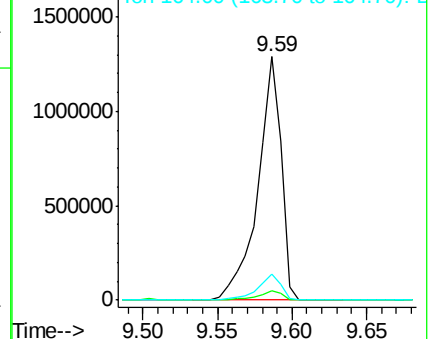
163 100

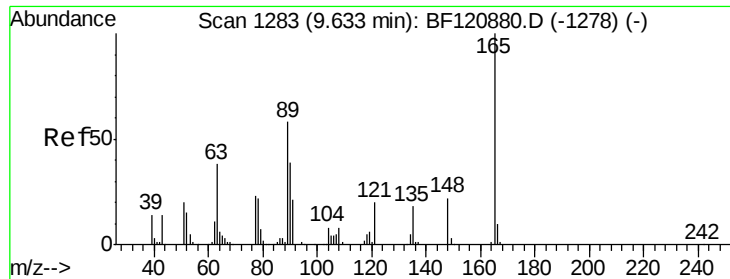
194 4.0 3.2 4.8

164 10.6 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





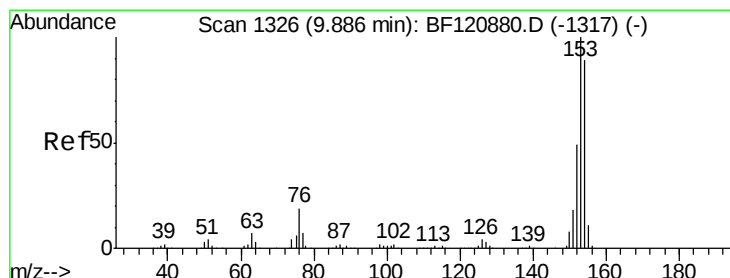
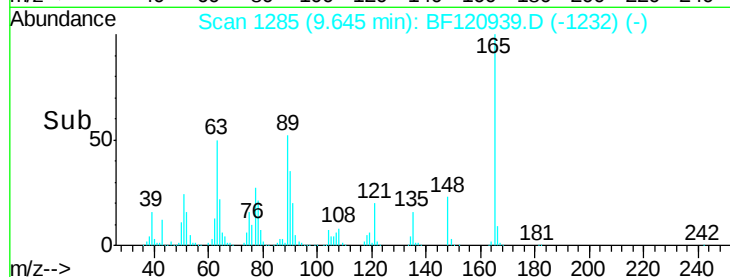
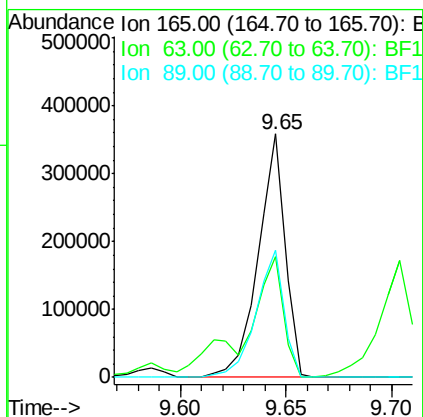
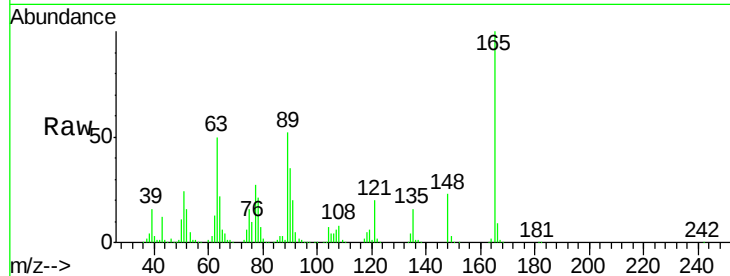
#51
2,6-Dinitrotoluene
Concen: 45.821 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	319901		
63	49.6		45.4	68.2
89	52.3		47.0	70.4

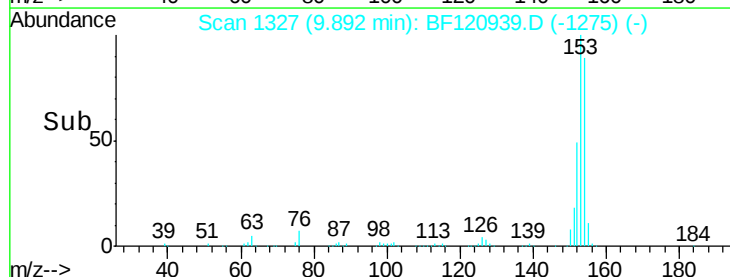
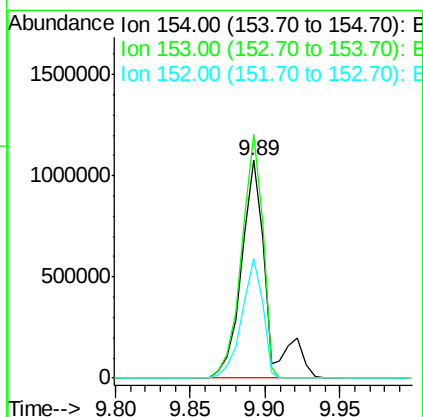
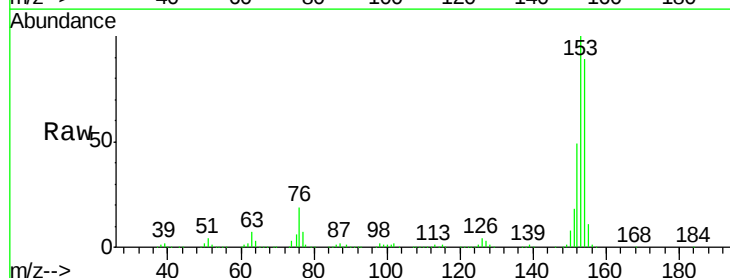
Manual Integrations
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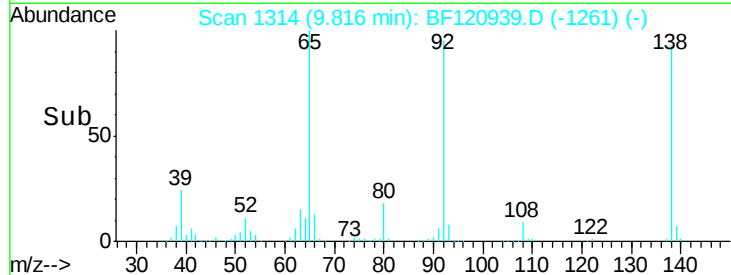
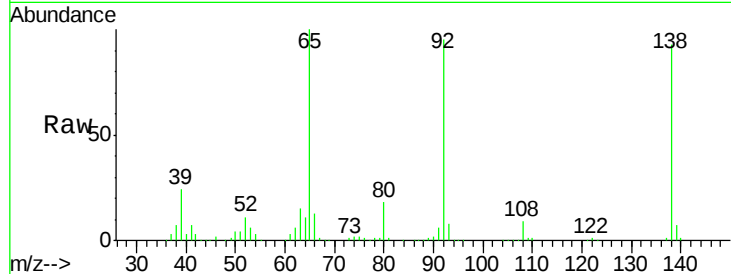
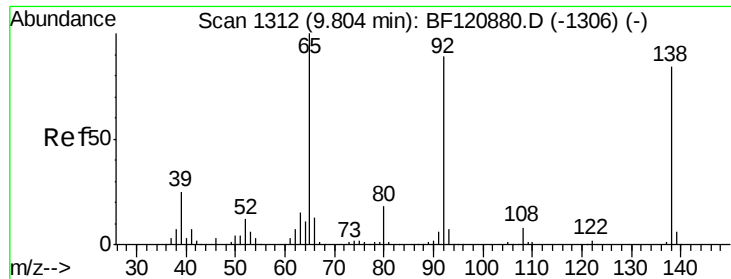
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#52
Acenaphthene
Concen: 44.989 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1244786		
153	112.0		89.5	134.3
152	54.7		44.2	66.2





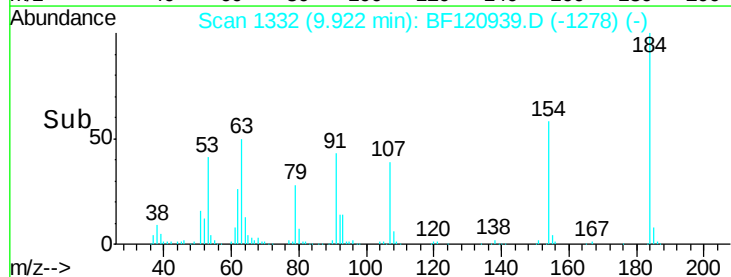
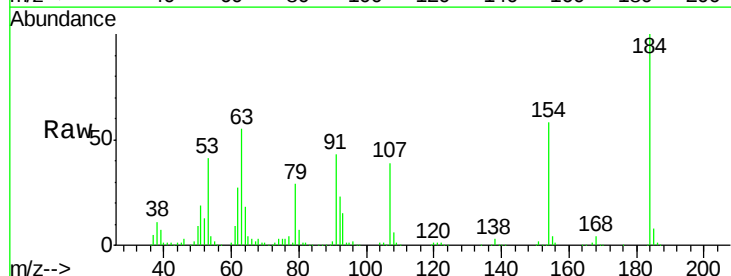
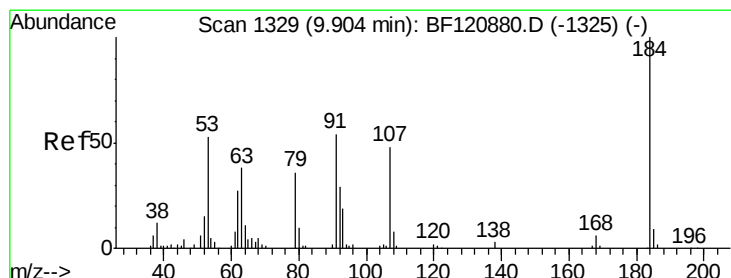
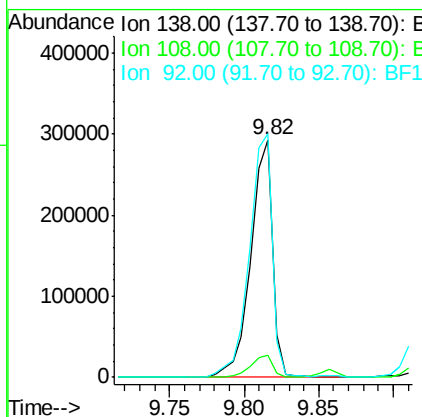
#53
3-Nitroaniline
Concen: 33.545 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tot Ion	Ratio	Resp	Lower	Upper
138	100	293724		
108	9.4	7.9	11.9	
92	102.4	85.3	127.9	

Instrument :
BNA_F
ClientSampleId :
PB130317BS

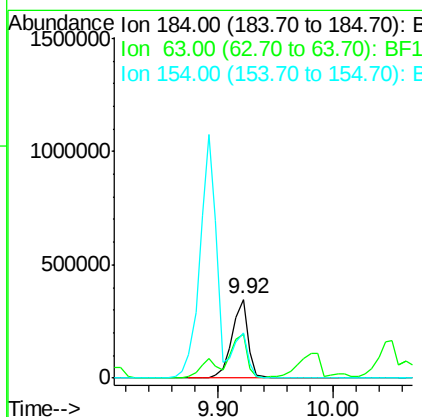
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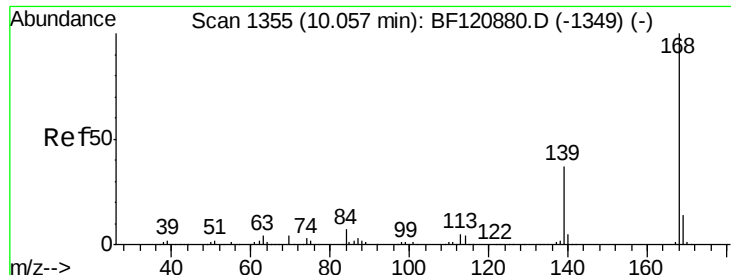
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#54
2,4-Dinitrophenol
Concen: 83.453 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	336659		
63	55.3	57.9	86.9#	
154	57.5	52.6	78.8	





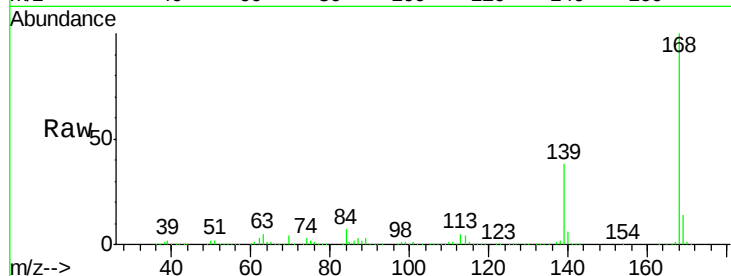
#55
Dibenzofuran
Concen: 40.111 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.7	44.5
169	14.4	11.1	16.7

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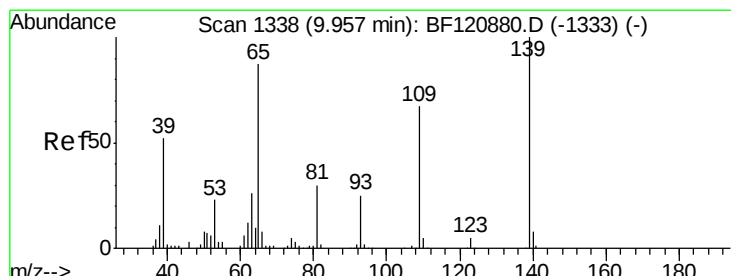
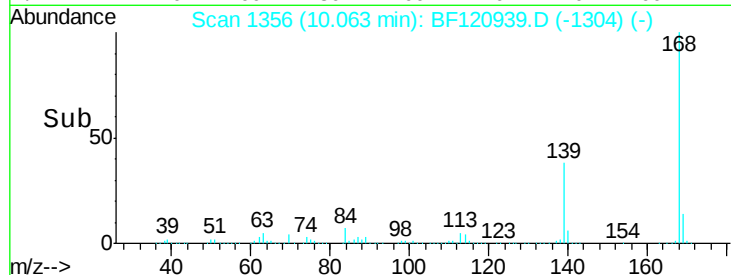
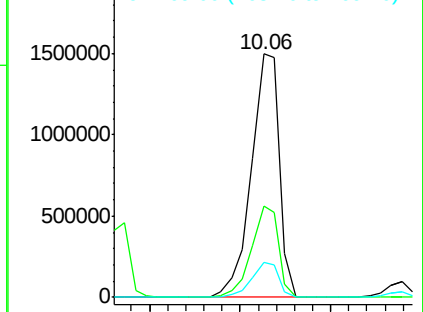


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.183 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.03 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

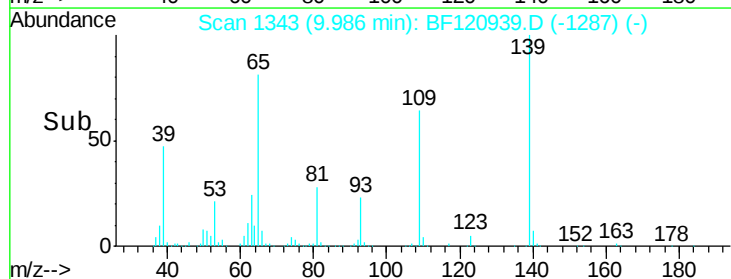
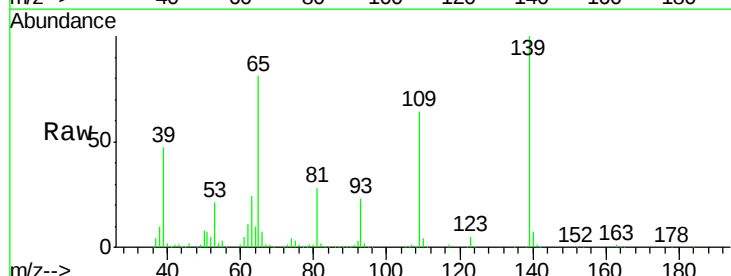
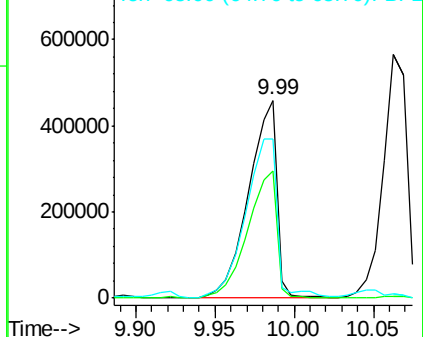
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	47.3	87.3
65	80.6	67.2	107.2

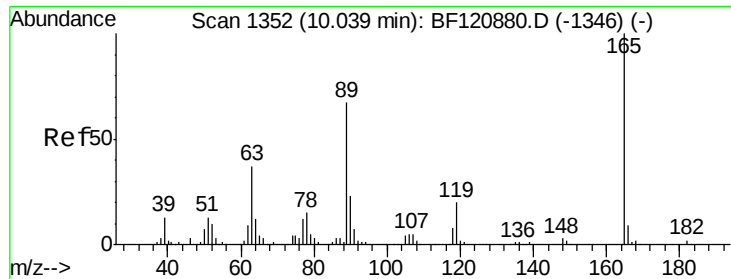
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





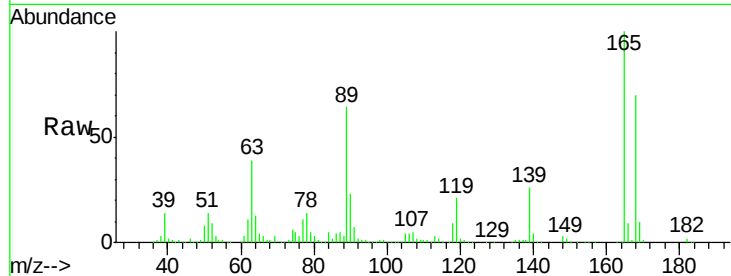
#57
2,4-Dinitrotoluene
Concen: 45.878 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	420625		
63	38.9	29.4	44.2	
89	64.4	53.4	80.0	
182	2.4	1.8	2.6	

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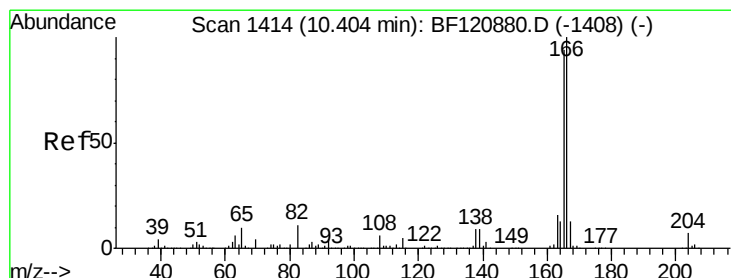
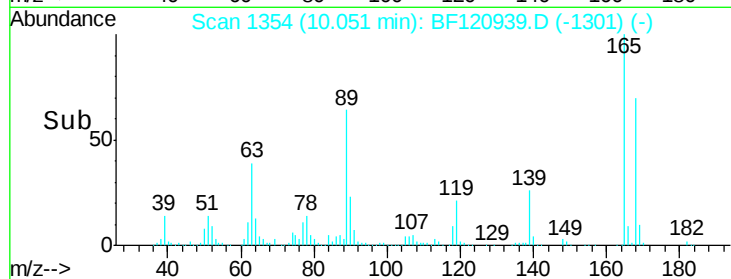
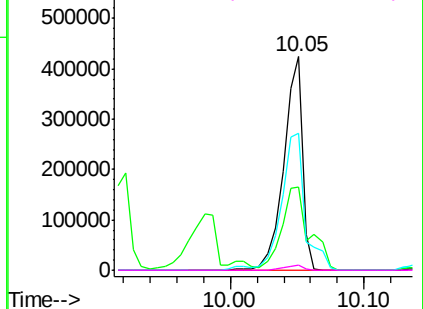


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



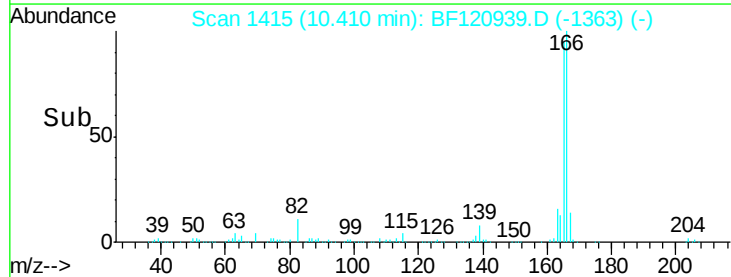
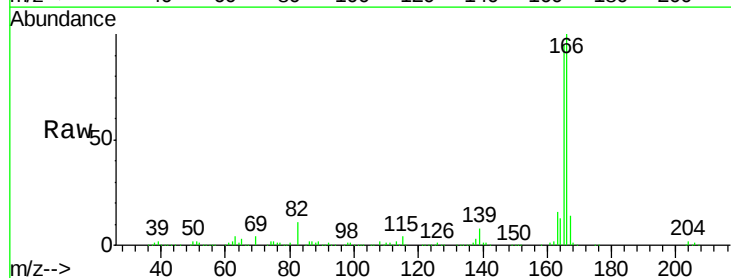
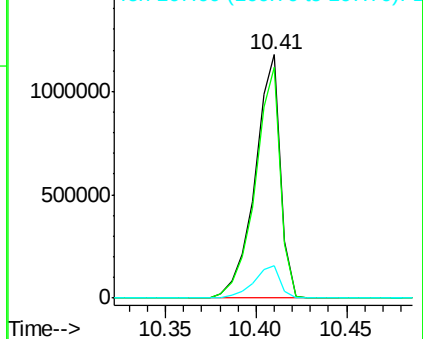
#58
Fluorene
Concen: 38.247 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1141357		
165	94.9	75.4	113.0	
167	13.5	10.6	15.8	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





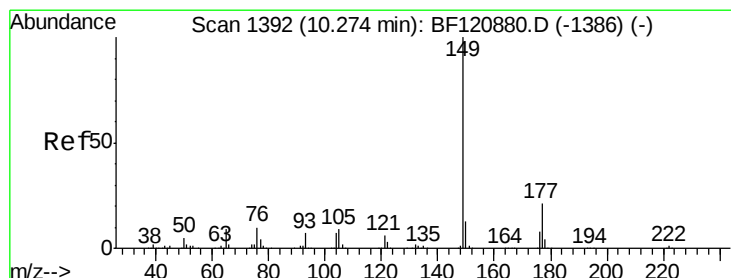
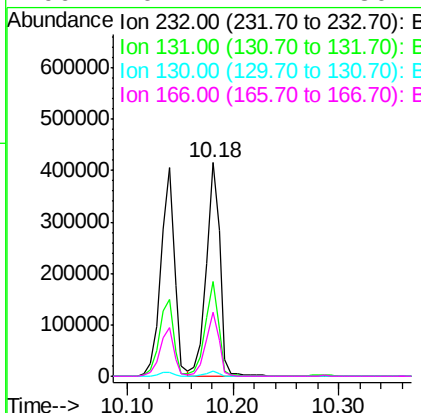
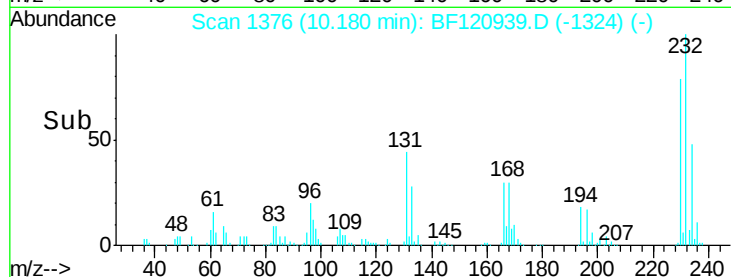
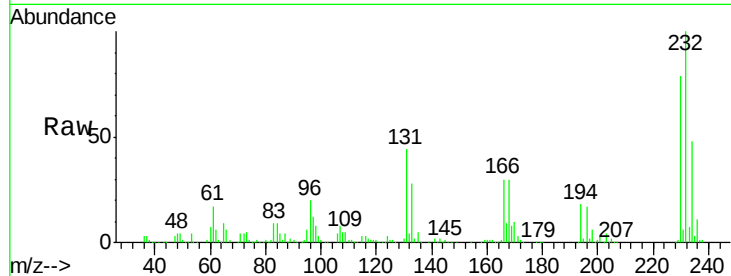
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.515 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		371219		
131	42.9	37.1	55.7		
130	2.1	1.7	2.5		
166	29.1	24.2	36.4		

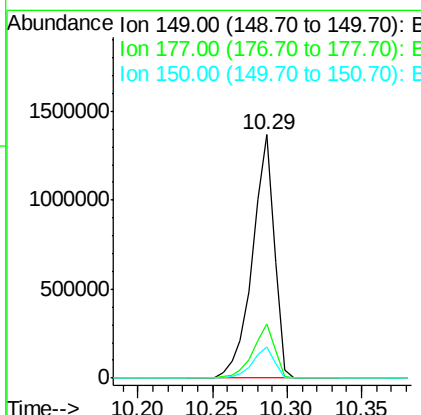
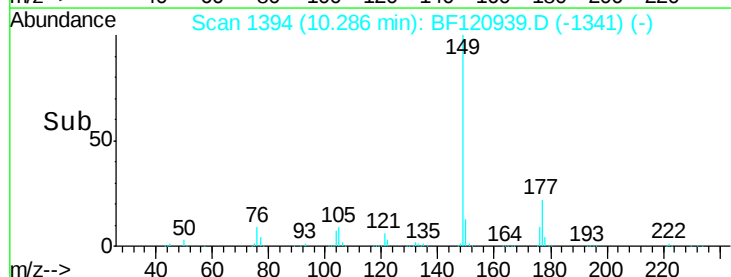
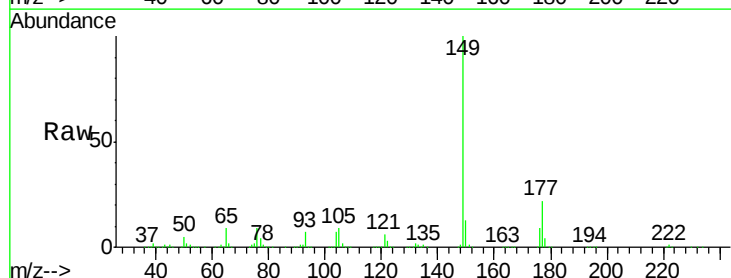
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#60
Diethylphthalate
Concen: 41.913 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1377651		
177	22.0	17.1	25.7		
150	12.9	10.3	15.5		





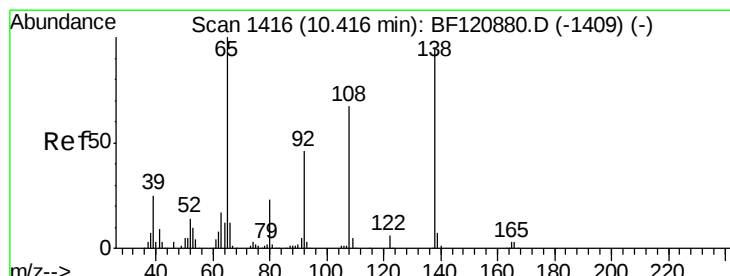
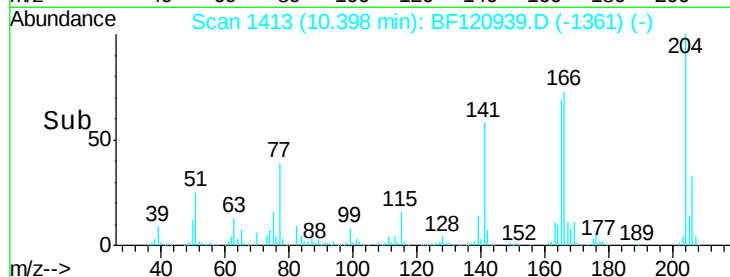
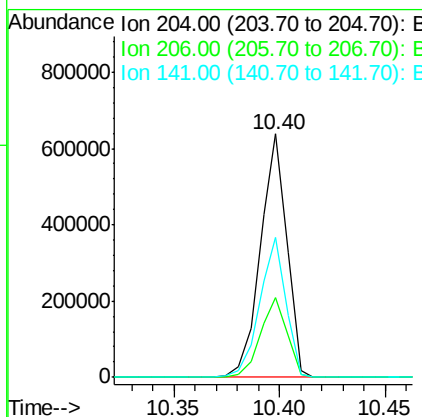
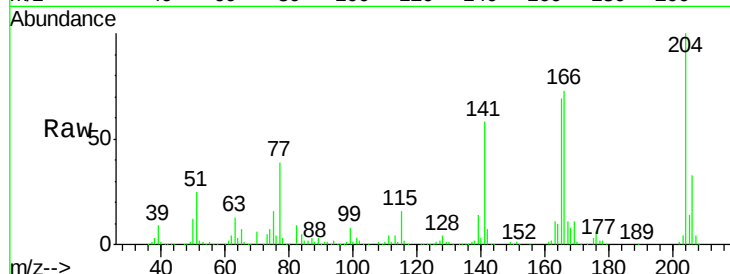
#61
4-Chlorophenyl-phenylether
Concen: 34.899 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	57.6	47.2	70.8

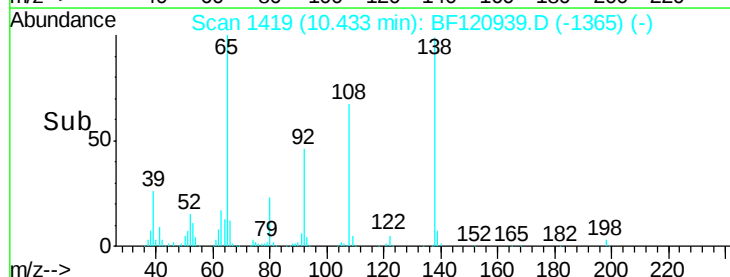
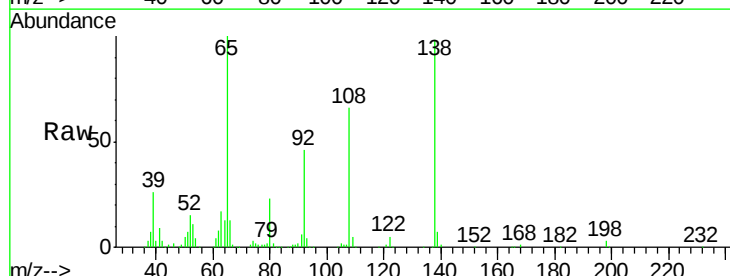
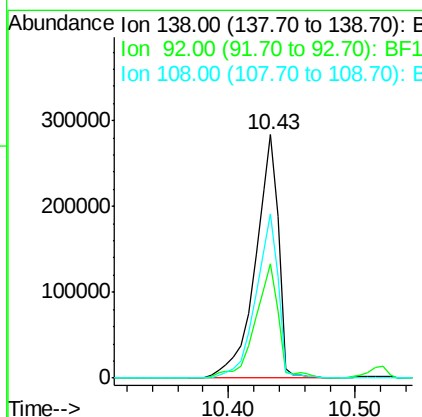
Manual Integrations
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#62
4-Nitroaniline
Concen: 42.504 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	28.6	68.6
108	67.7	51.1	91.1





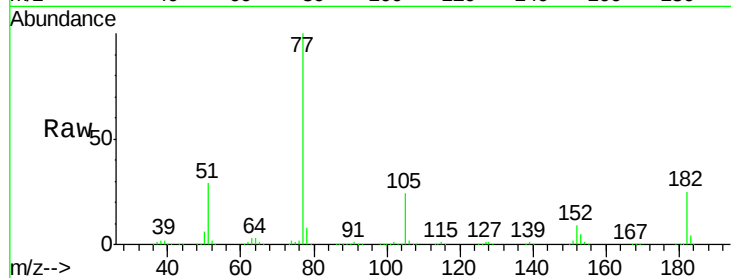
#63
Azobenzene
Concen: 41.241 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

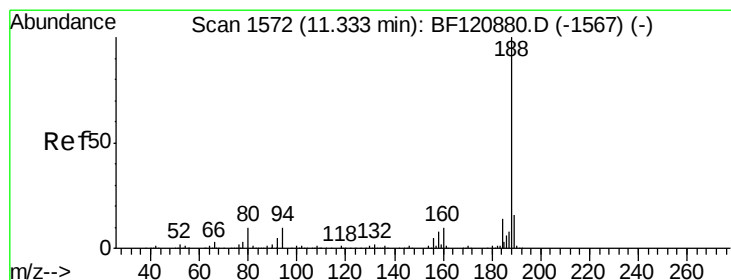
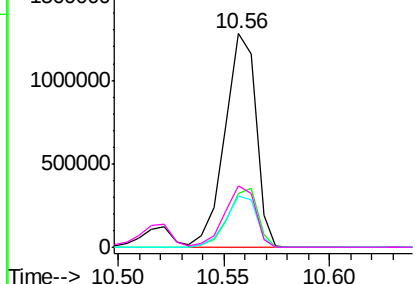
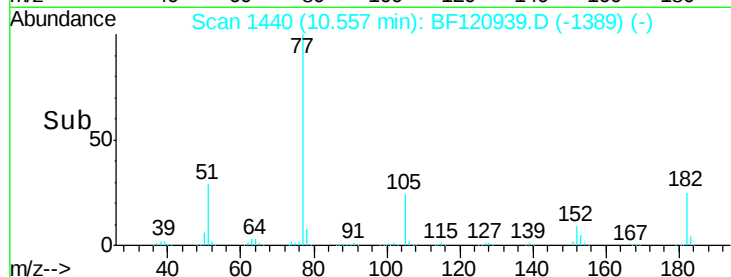
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	7.8	47.8
105	23.7	4.4	44.4
51	28.7	8.0	48.0

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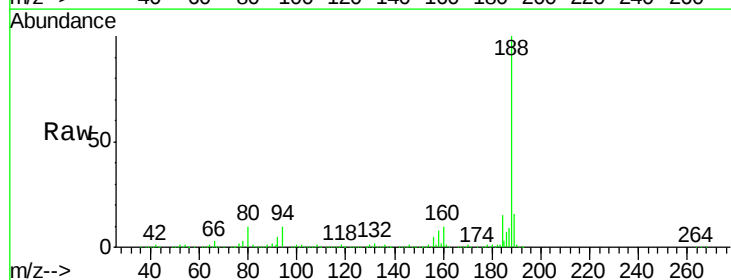


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

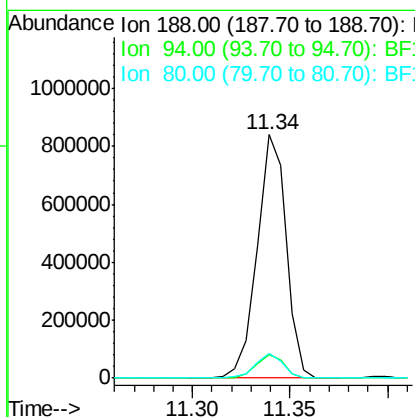
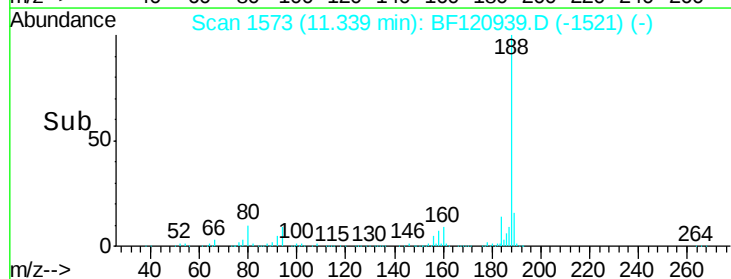


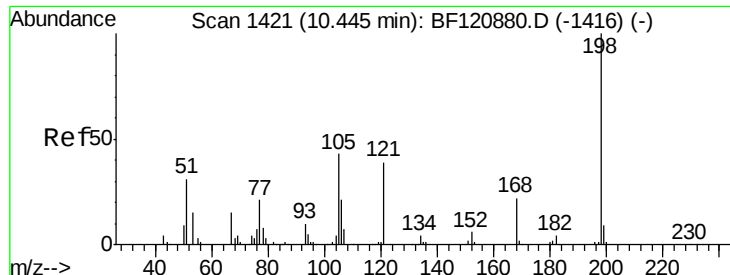
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.3	8.3	12.5



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





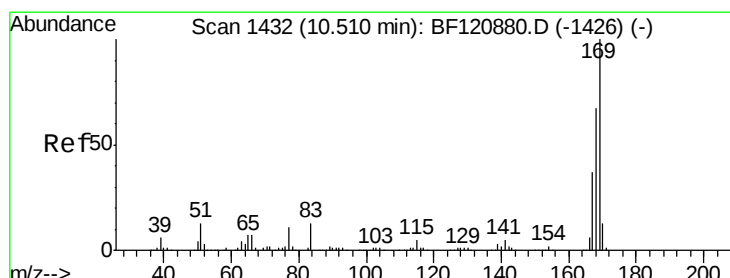
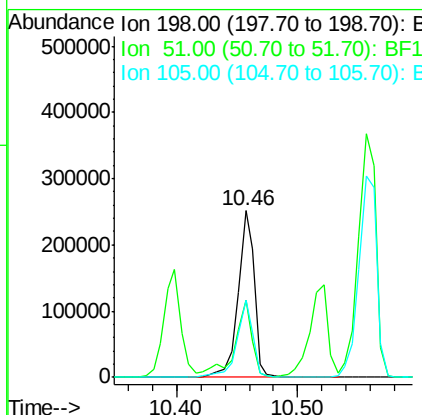
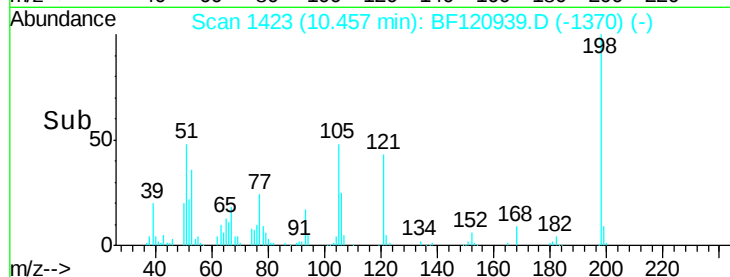
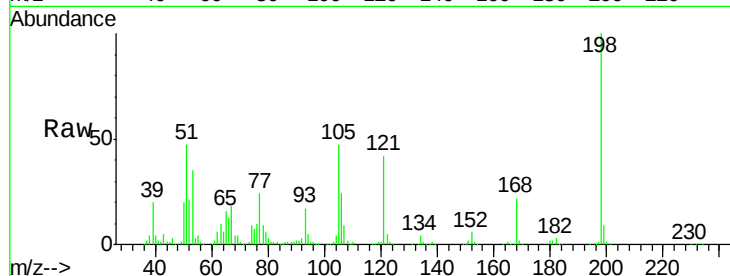
#65
4,6-Dinitro-2-methylphenol
Concen: 47.300 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	236555		
51	46.6	19.5	59.5	
105	46.7	24.4	64.4	

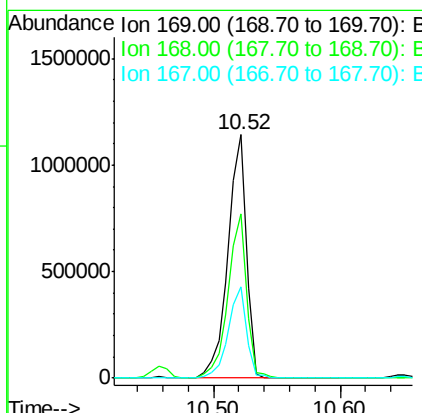
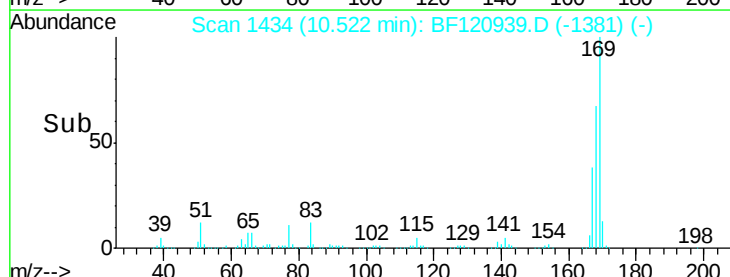
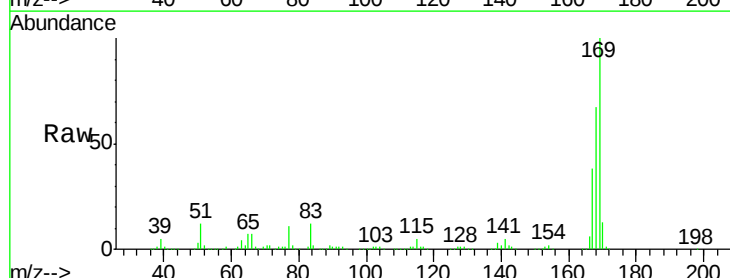
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#66
n-Nitrosodiphenylamine
Concen: 42.036 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1144166		
168	67.4	53.4	80.0	
167	37.6	29.4	44.0	





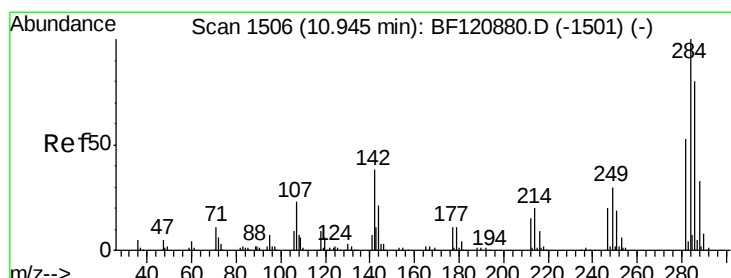
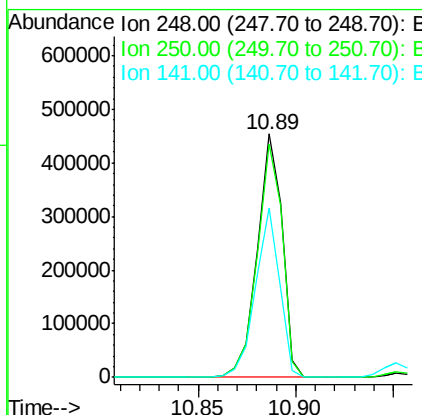
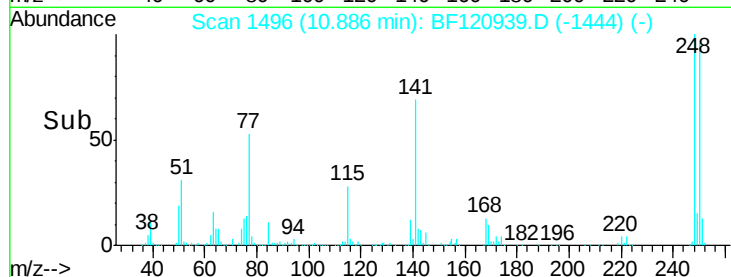
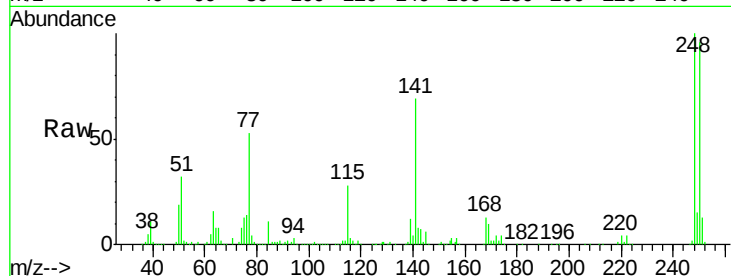
#67
 4-Bromophenyl-phenylether
 Concen: 41.633 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	69.5	61.2	91.8

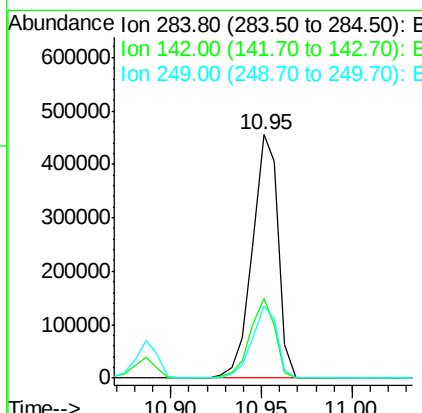
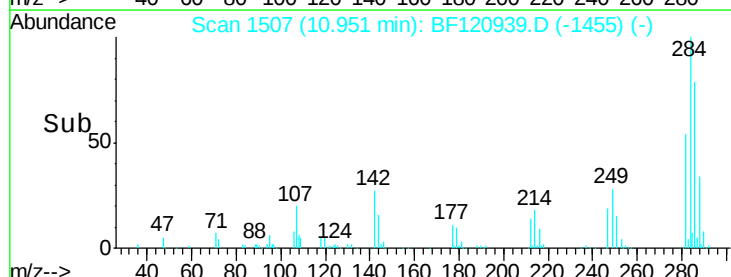
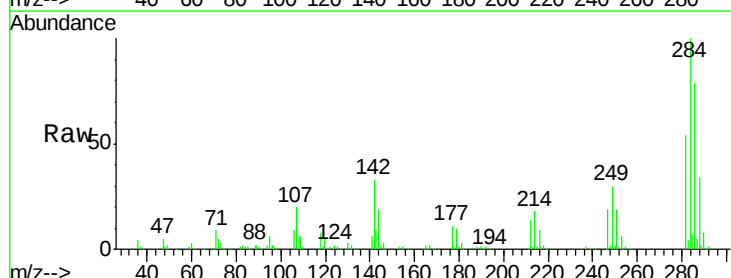
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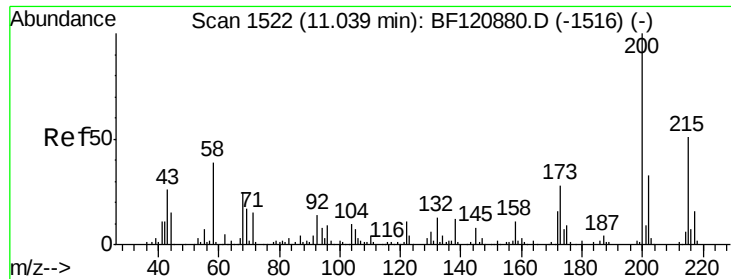
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#68
 Hexachlorobenzene
 Concen: 42.989 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	30.2	45.2
249	29.8	24.2	36.2





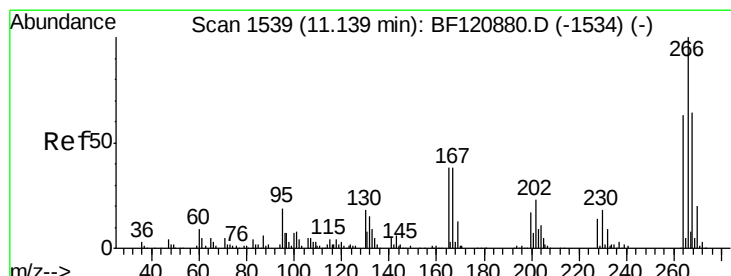
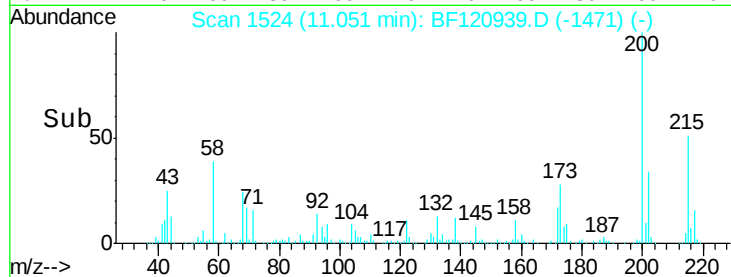
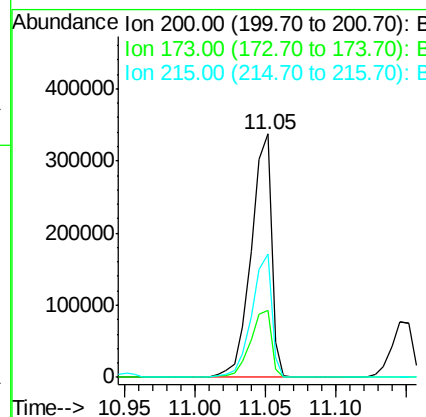
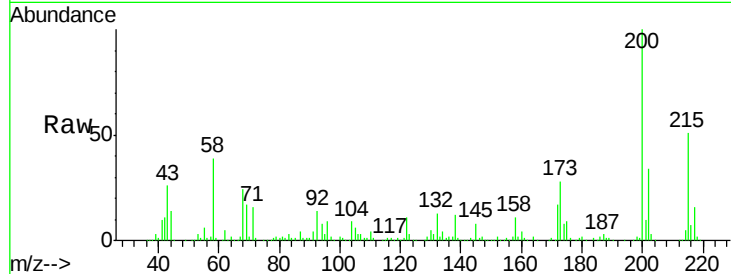
#69
Atrazine
Concen: 50.723 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	8.0	48.0
215	50.8	31.5	71.5

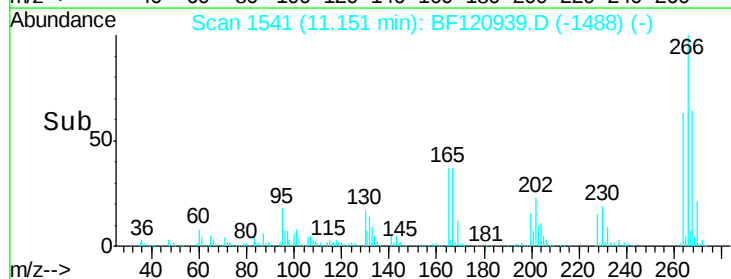
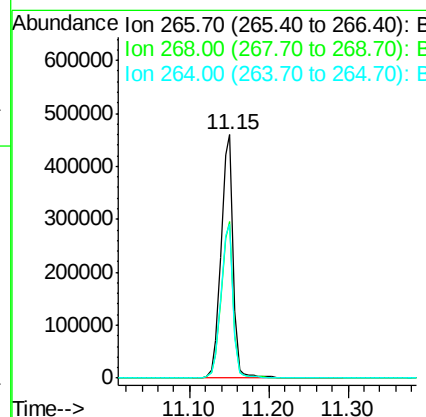
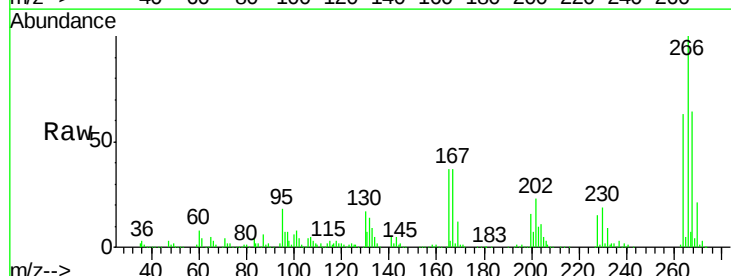
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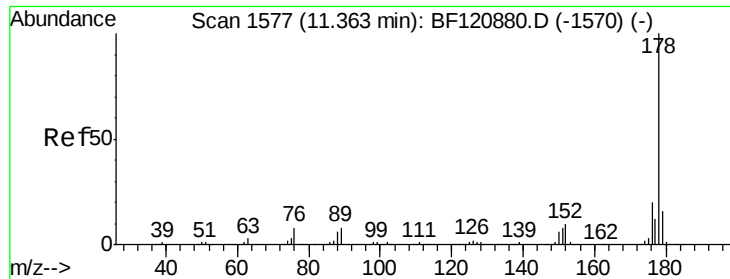
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#70
Pentachlorophenol
Concen: 82.101 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.1	76.7
264	63.4	50.2	75.2





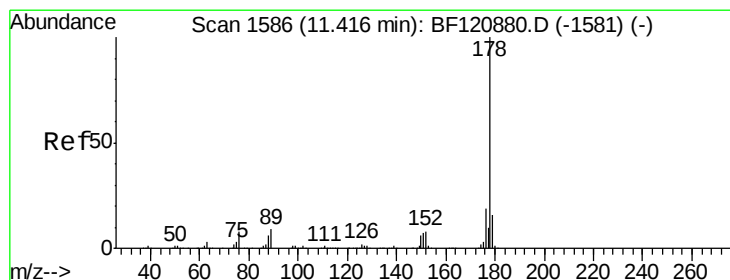
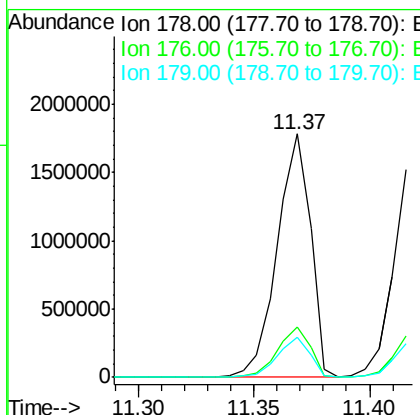
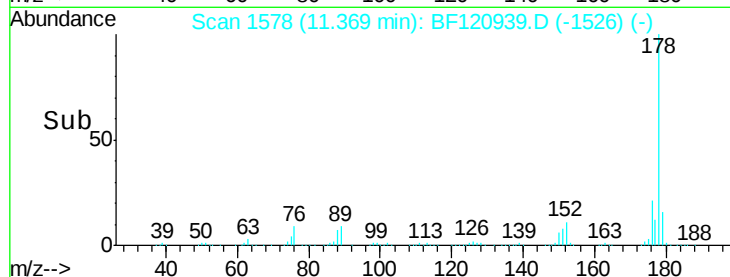
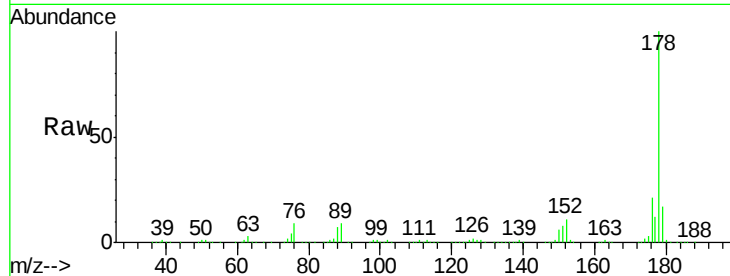
#71
Phenanthrene
Concen: 40.073 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:178 Resp: 1783220
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 12.8 19.2

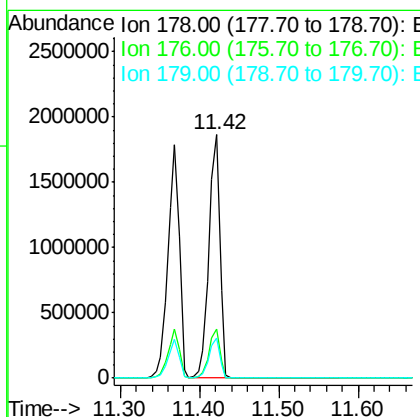
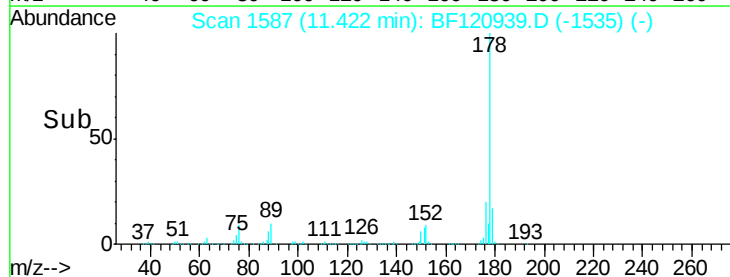
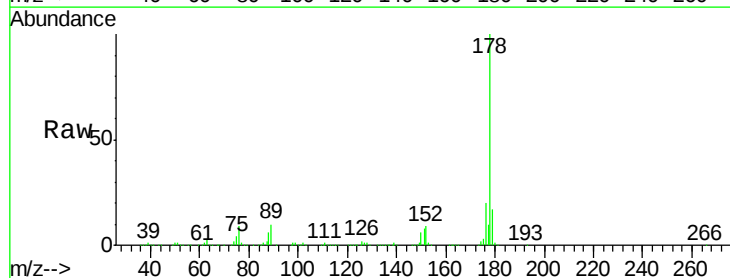
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#72
Anthracene
Concen: 40.485 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:178 Resp: 1809010
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.5 12.8 19.2





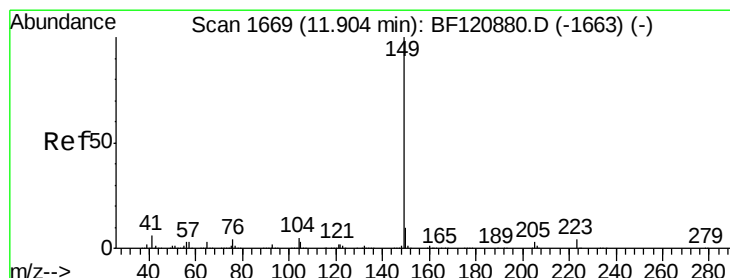
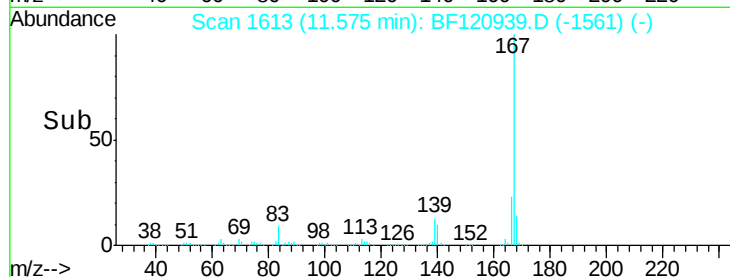
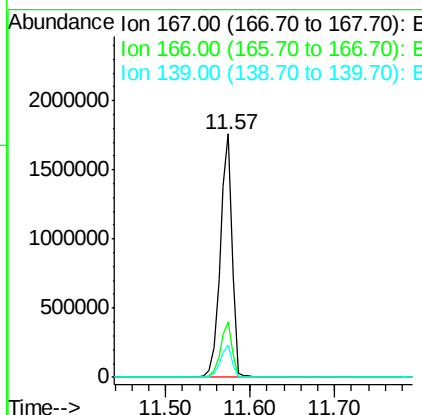
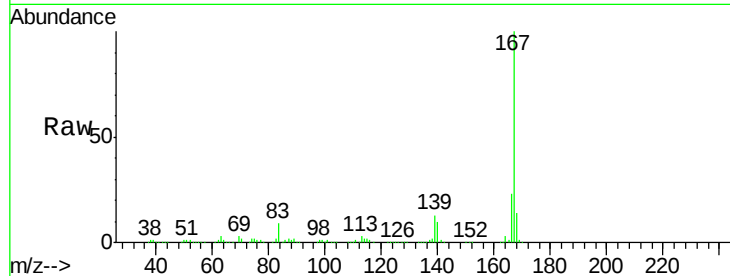
#73
 Carbazole
 Concen: 39.316 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:167 Resp: 1743438
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 13.1 10.1 15.1

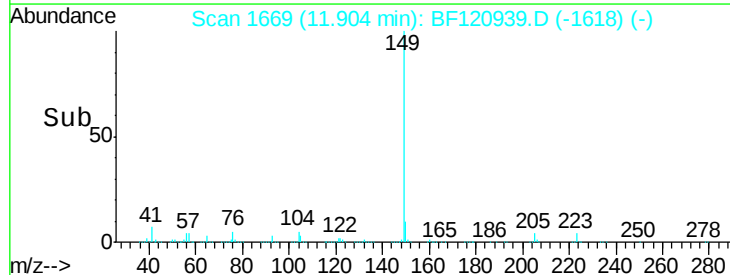
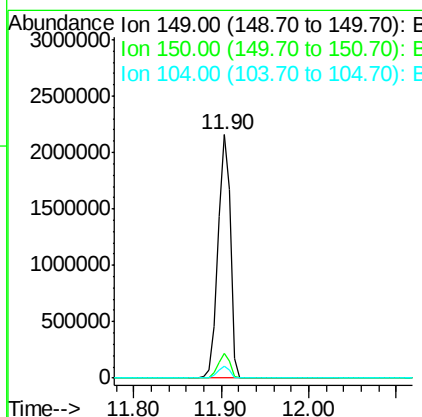
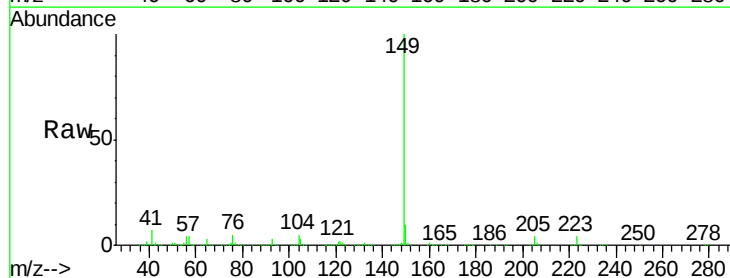
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#74
 Di-n-butylphthalate
 Concen: 41.406 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:149 Resp: 2118910
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.6
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 40.061 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

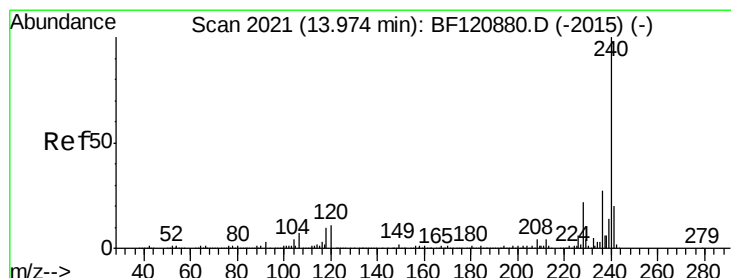
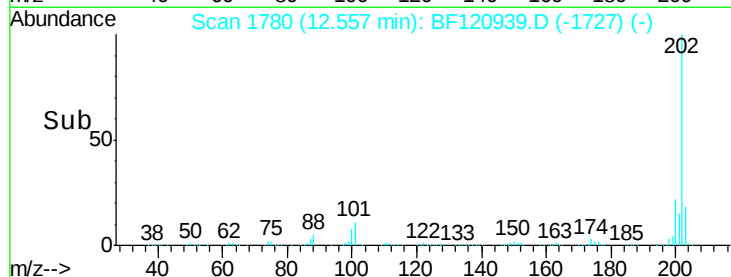
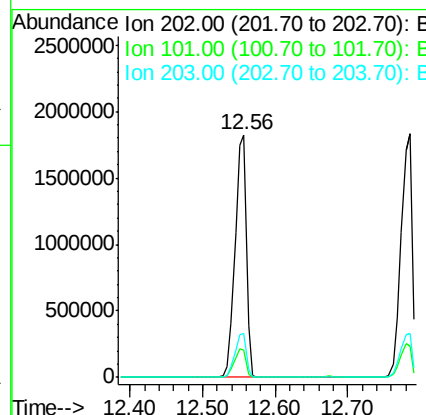
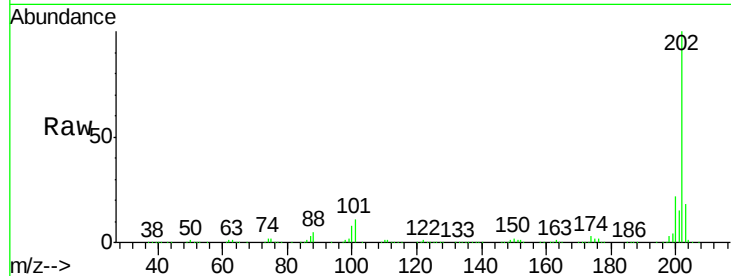
ClientSampleID :

PB130317BS

Tot Ion:	202	Resp:	1975986
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.7
203	18.2	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

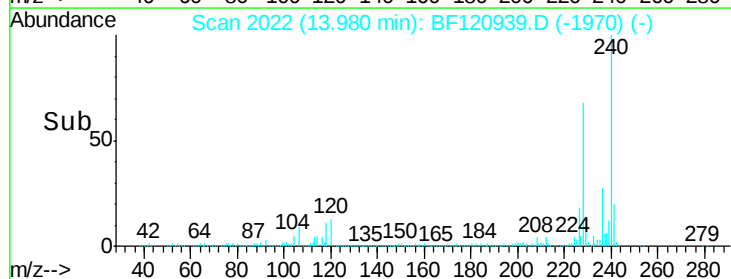
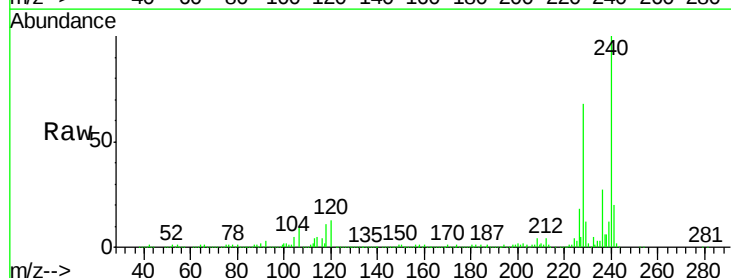
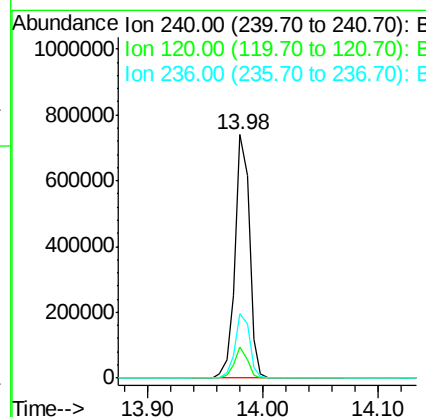
RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:	240	Resp:	642333
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.0	13.4
236	26.7	21.7	32.5





#77

Benzidine

Concen: 61.952 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:184 Resp: 1046254

Ion Ratio Lower Upper

184 100

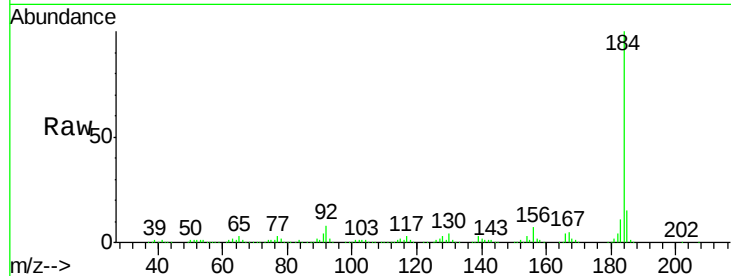
185 15.0 12.2 18.2

183 11.2 8.5 12.7

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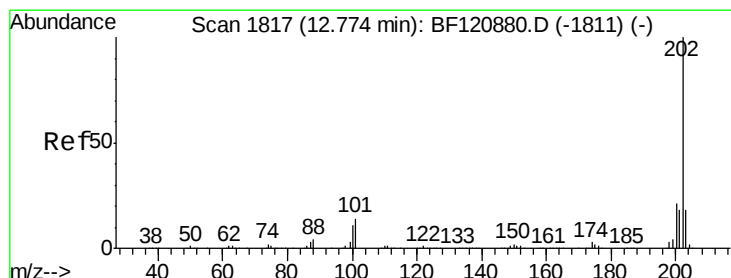
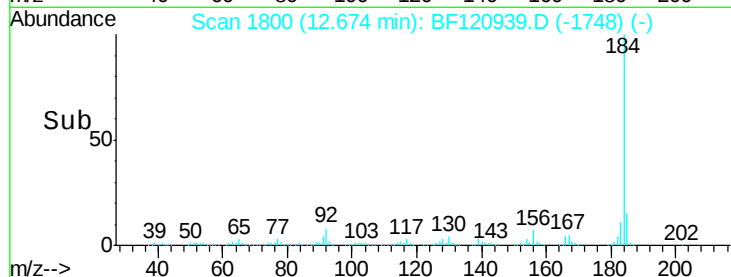
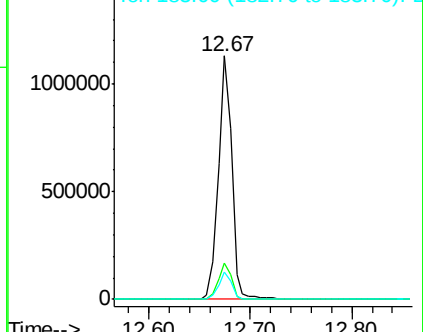
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.972 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:202 Resp: 1996898

Ion Ratio Lower Upper

202 100

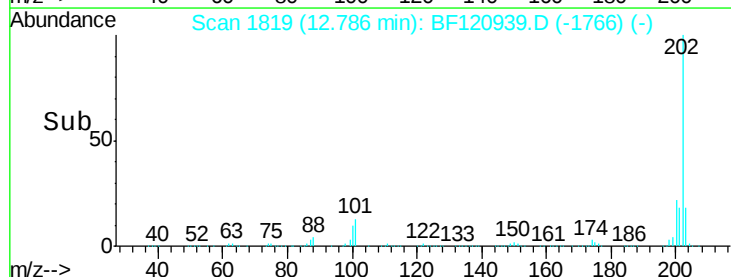
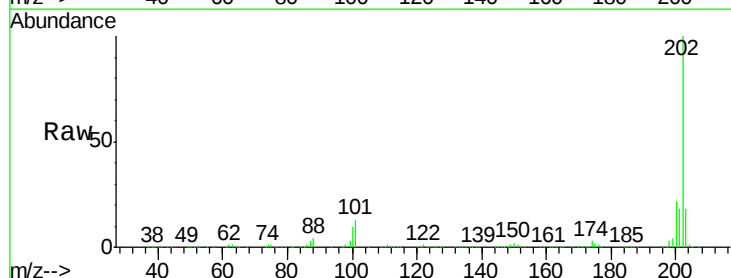
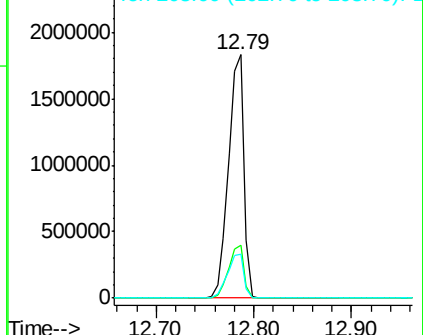
200 21.6 17.0 25.4

203 18.2 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: 86.684 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:244 Resp: 2561429

Ion Ratio Lower Upper

244 100

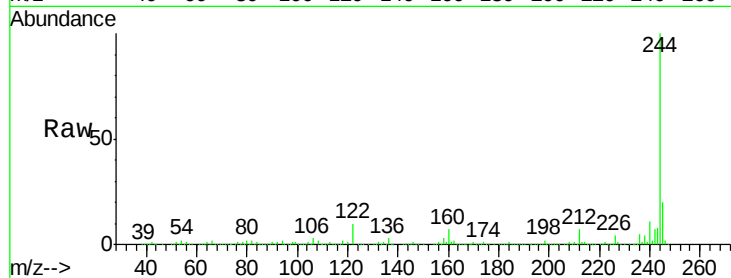
212 7.1 5.6 8.4

122 10.0 8.9 13.3

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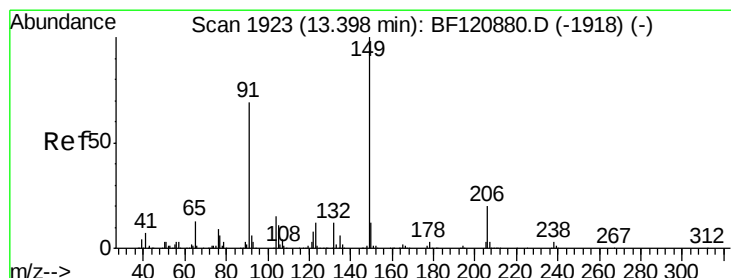
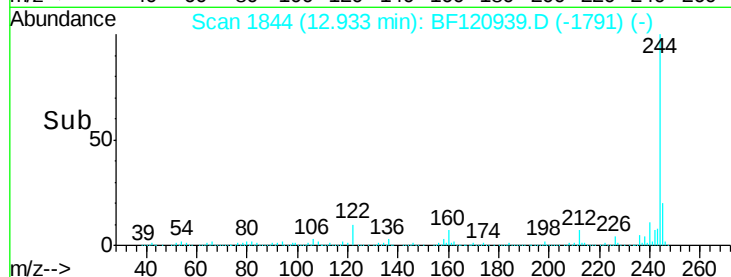
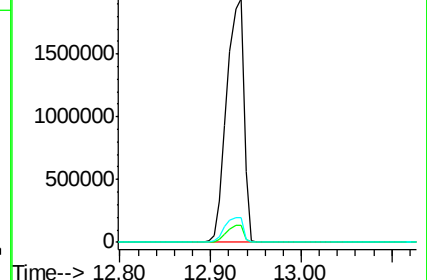
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.845 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

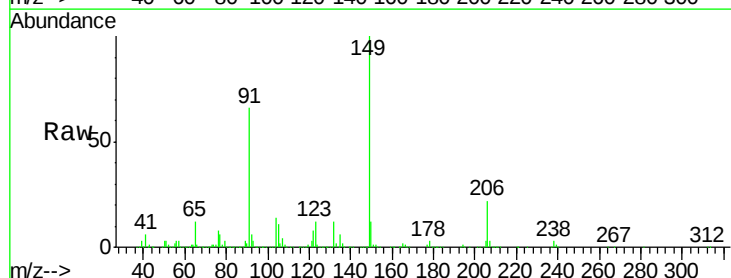
Tgt Ion:149 Resp: 928118

Ion Ratio Lower Upper

149 100

91 66.0 55.1 82.7

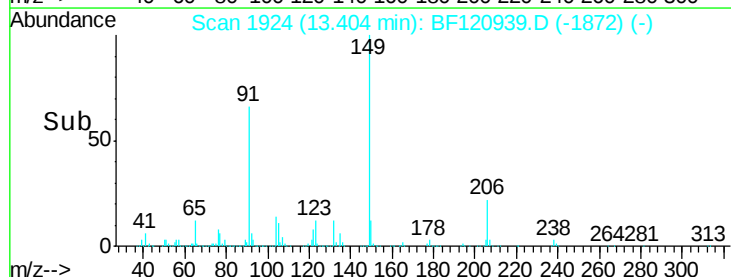
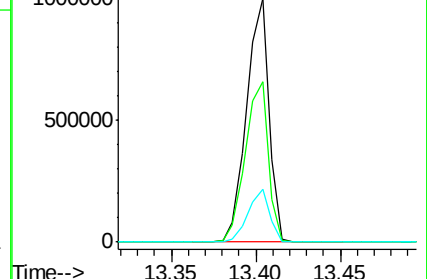
206 21.8 16.1 24.1

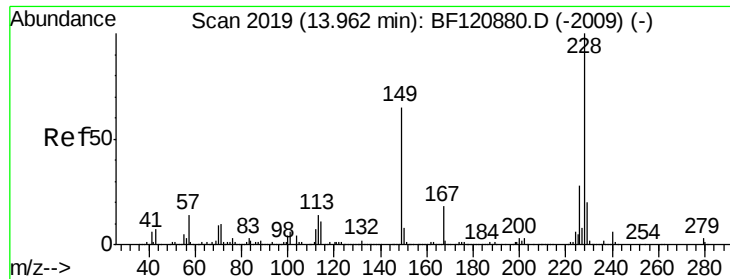


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.897 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

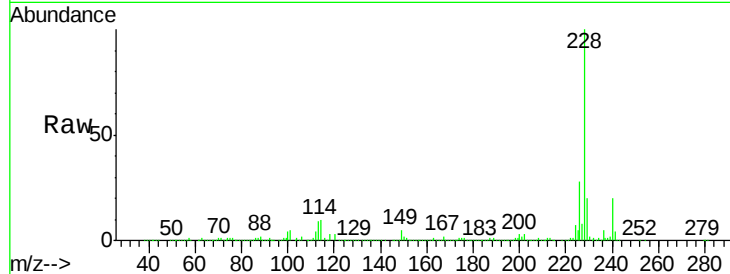
ClientSampleId :

PB130317BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.2	16.1	24.1

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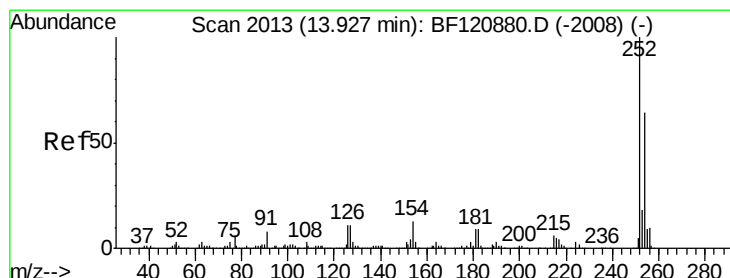
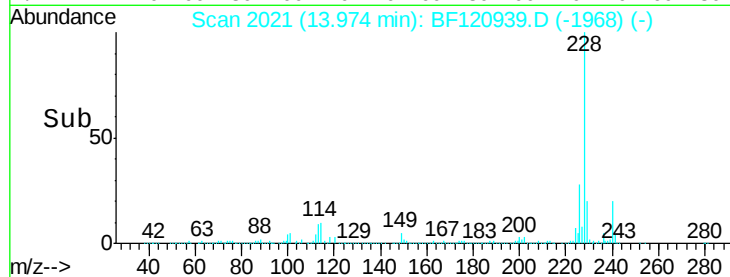
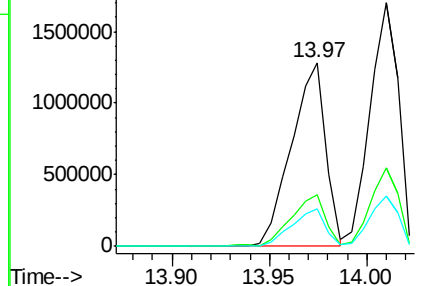
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.636 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120939.D

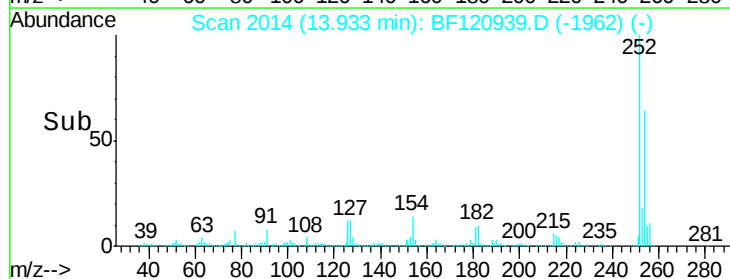
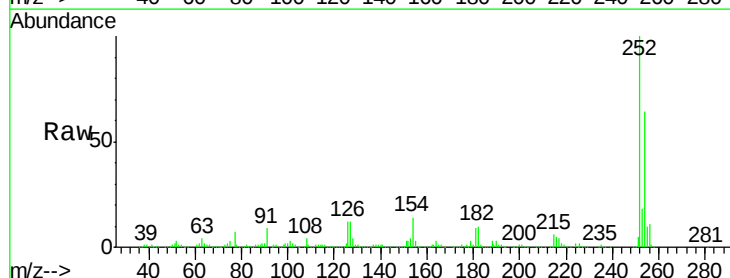
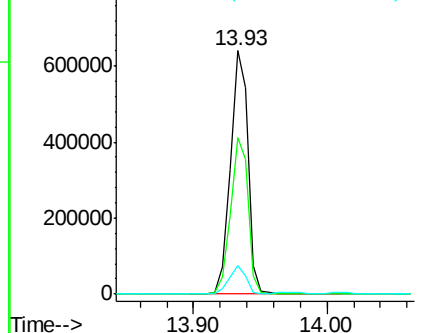
Acq: 20 Jul 2020 18:13

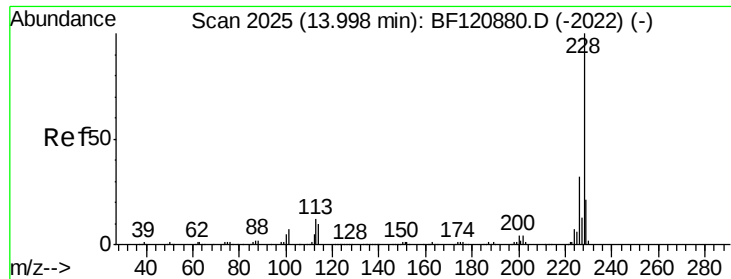
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	11.9	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





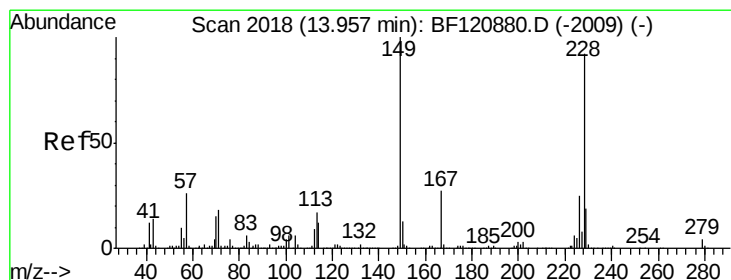
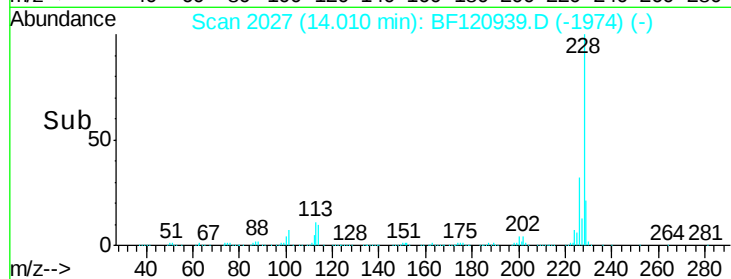
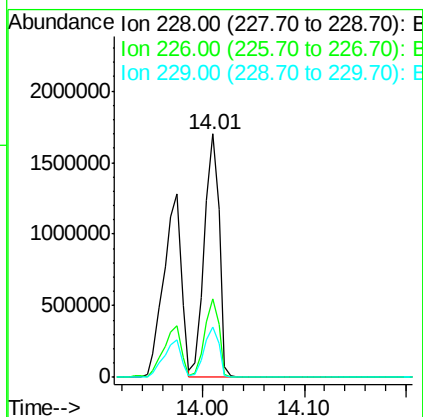
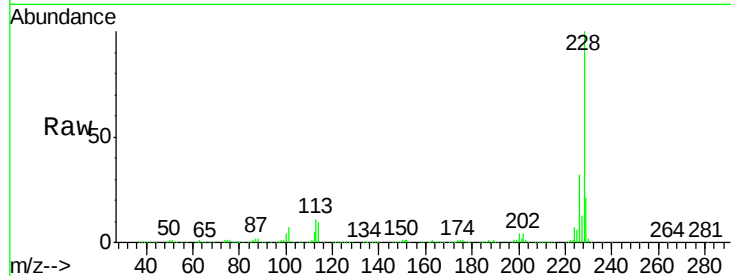
#83
 Chrysene
 Concen: 42.121 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleID :
 PB130317BS

Tot Ion:228 Resp: 1721758
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.6 38.4
 229 20.8 16.8 25.2

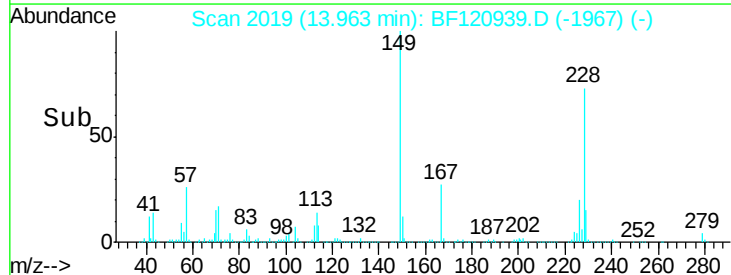
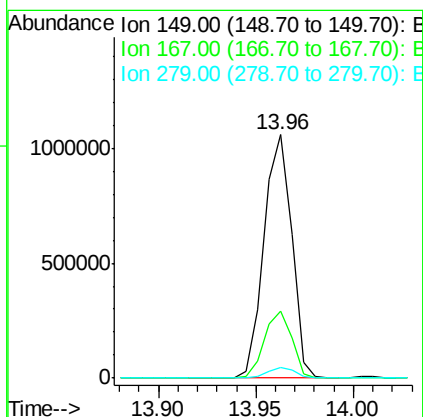
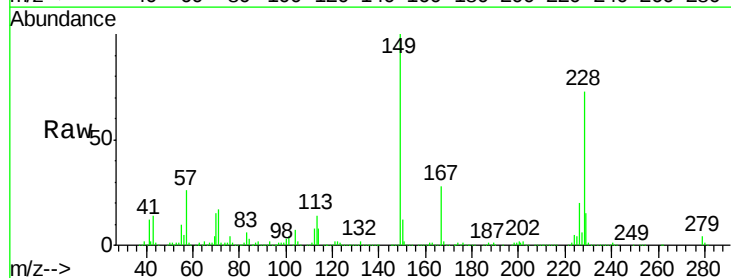
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.903 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:149 Resp: 1046061
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 4.4 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 43.667 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampled :

PB130317BS

Tot Ion:149 Resp: 2168770

Ion Ratio Lower Upper

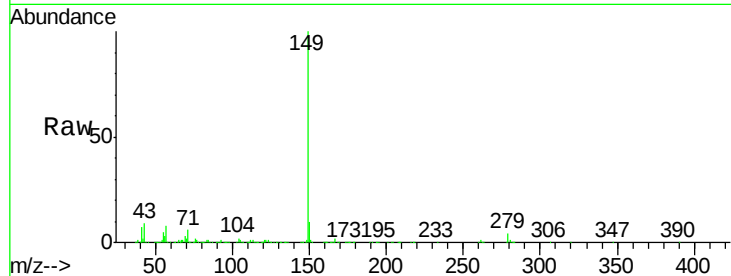
149 100

167 1.6 1.3 1.9

43 9.2 7.6 11.4

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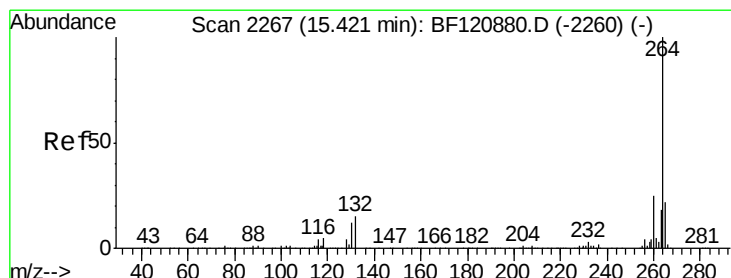
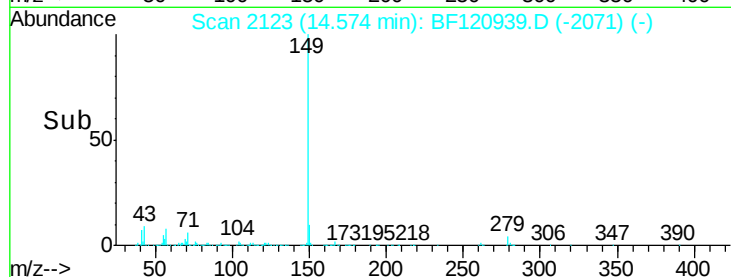
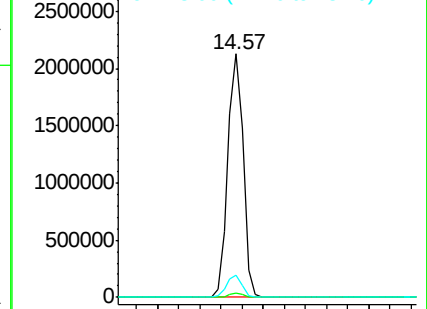
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

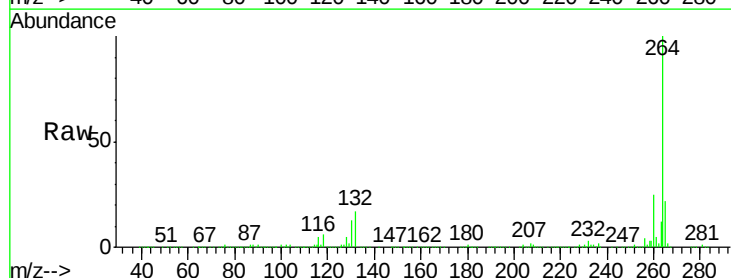
Tgt Ion:264 Resp: 611054

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

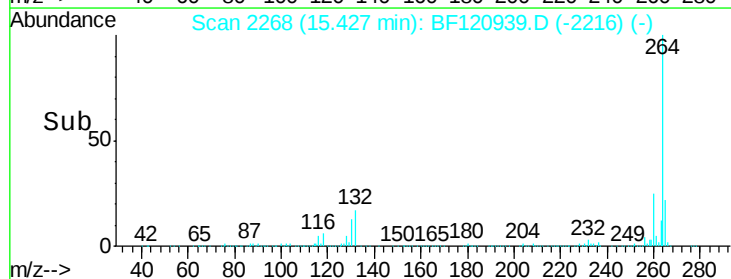
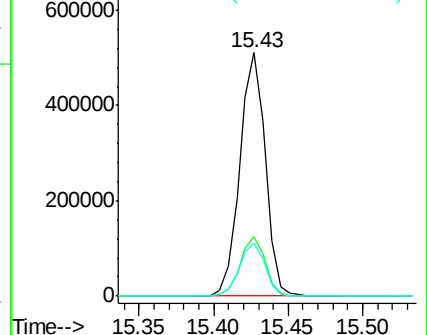
265 21.8 17.4 26.2

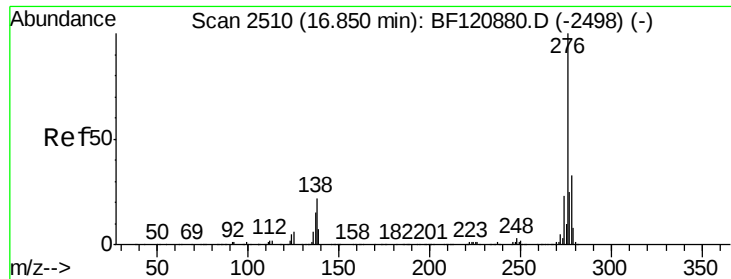


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





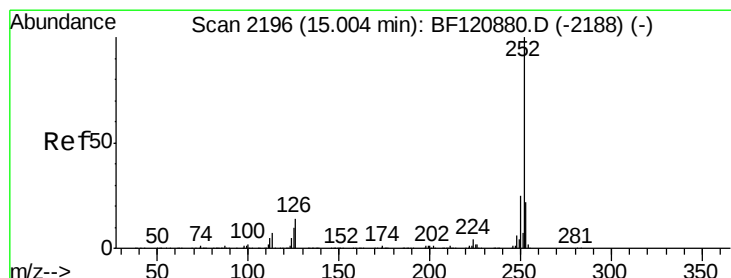
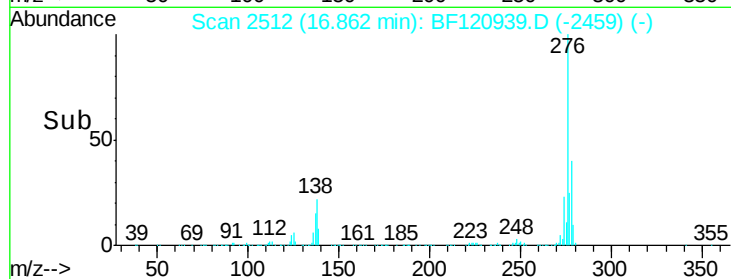
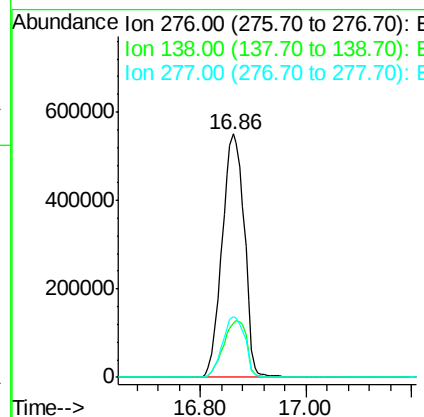
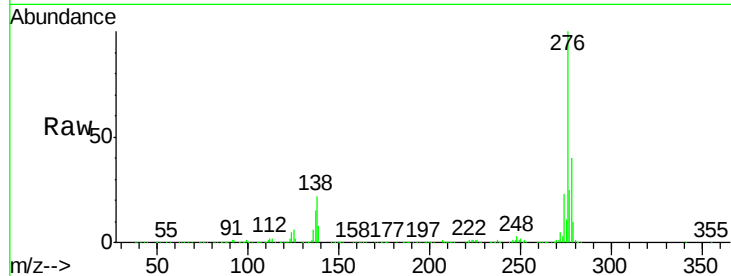
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.772 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.5	20.2	30.2

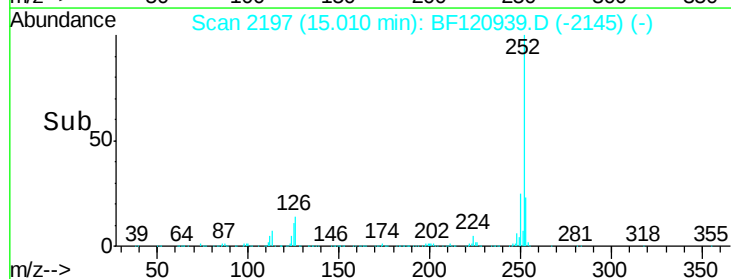
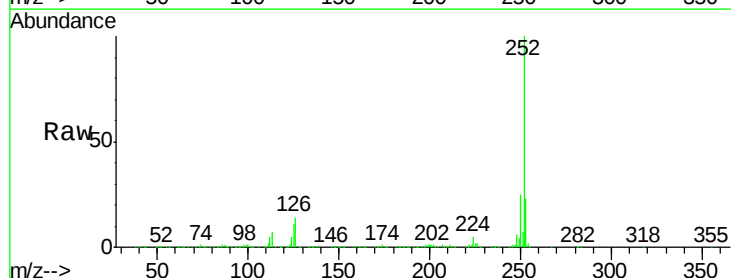
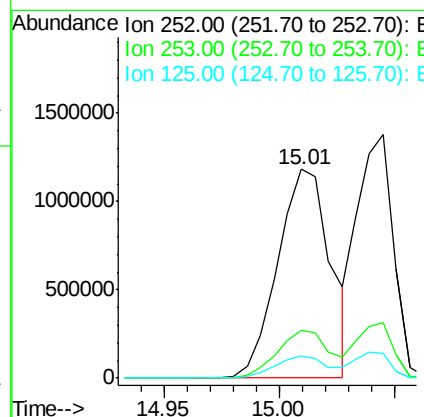
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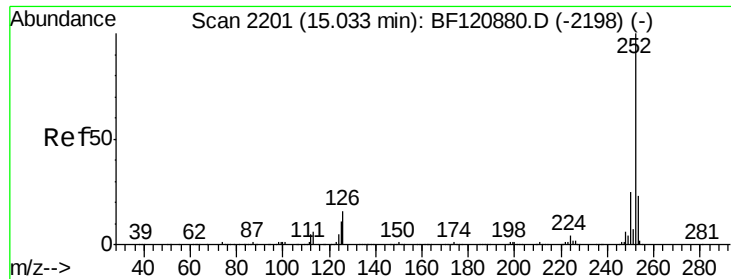
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#88
 Benzo(b)fluoranthene
 Concen: 50.749 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.6	8.3	12.5





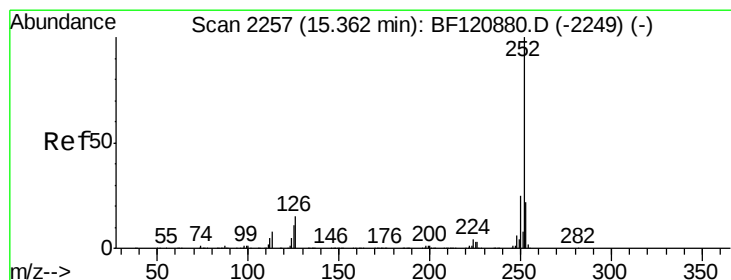
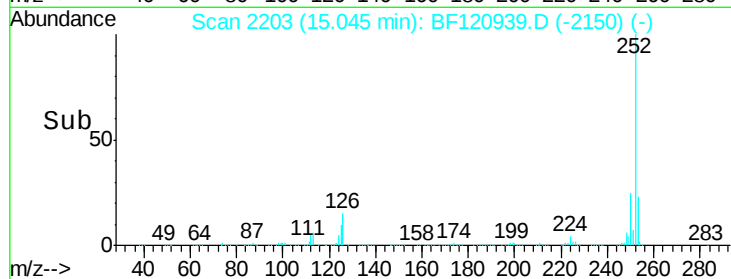
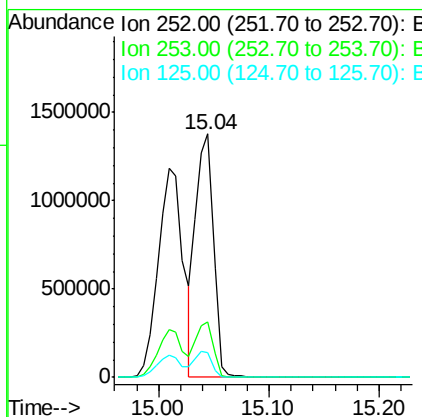
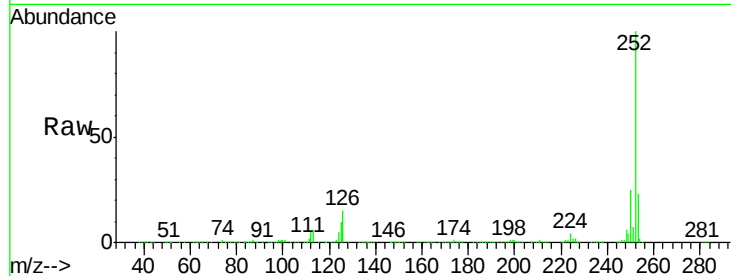
#89
Benzo(k)fluoranthene
Concen: 44.768 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.1	8.4	12.6

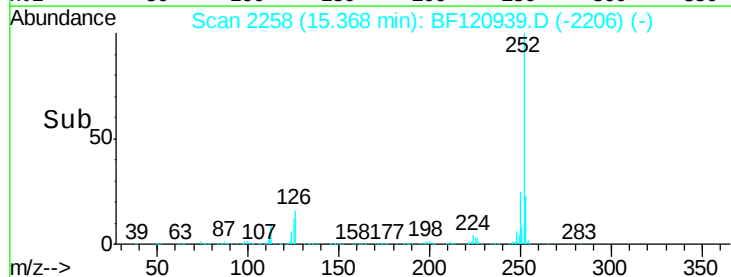
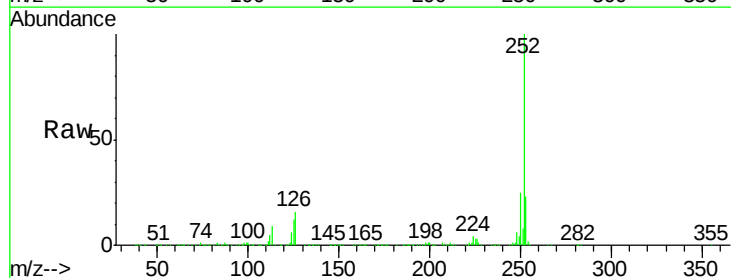
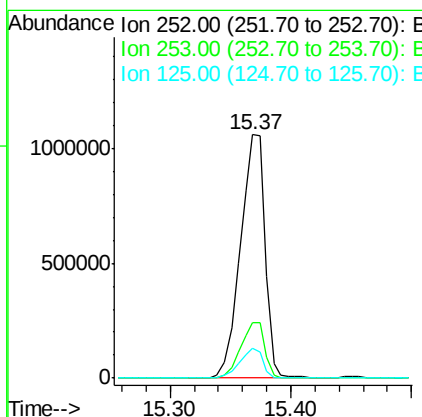
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#90
Benzo(a)pyrene
Concen: 44.962 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.0	8.9	13.3





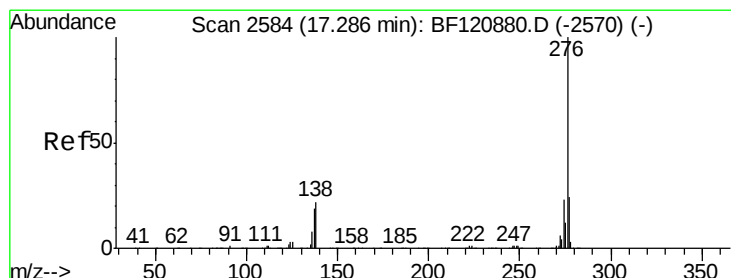
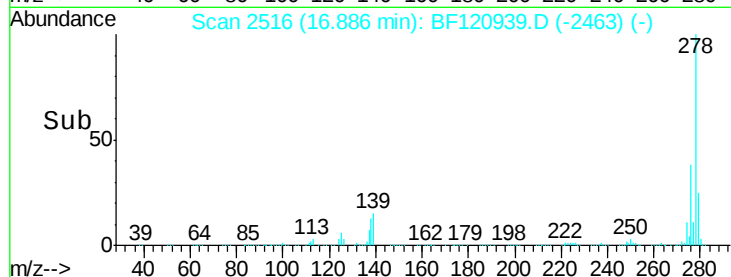
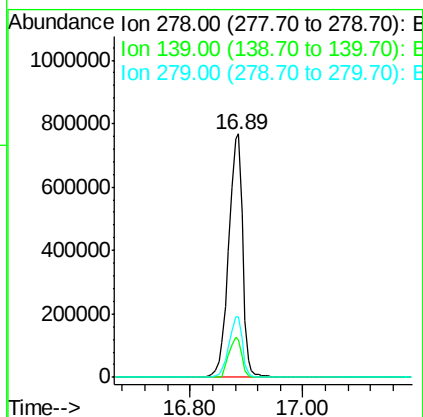
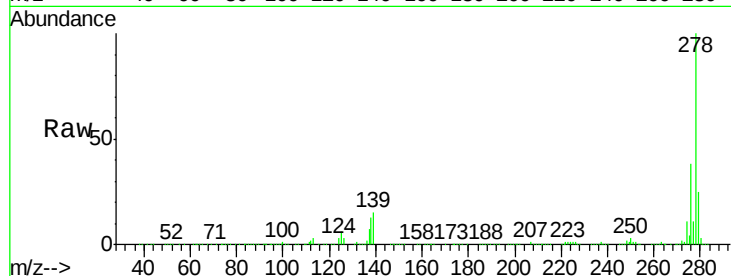
#91
Dibenzo(a,h)anthracene
Concen: 38.380 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	24.7	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 37.272 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.8	17.5	26.3

