

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120235.D
 Acq On : 30 Apr 2020 13:02
 Operator : MA/SJ
 Sample : PB128568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Manual Integrations
 APPROVED

mohammad
 5/4/2020 8:18:48 AM

Quant Time: Apr 30 13:34:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	92686	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	354983	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	179619	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	351946	20.00	ng	0.00
76) Chrysene-d12	13.82	240	295849	20.00	ng	0.00
87) Perylene-d12	15.23	264	281687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	718139	133.90	ng	0.00
7) Phenol-d6	6.30	99	892871	129.20	ng	0.00
23) Nitrobenzene-d5	7.22	82	560389	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	241766	109.94	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1092600	86.36	ng	0.00
79) Terphenyl-d14	12.77	244	1241430	70.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	97794	40.939	ng	96
3) Pyridine	2.92	79	263990	40.279	ng	98
4) n-Nitrosodimethylamine	2.88	42	145871	43.561	ng	94
6) Aniline	6.31	93	330378	36.423	ng	# 67
8) 2-Chlorophenol	6.44	128	283552	47.318	ng	99
9) Benzaldehyde	6.19	77	103749	22.988	ng	97
10) Phenol	6.32	94	358412	45.715	ng	76
11) bis(2-Chloroethyl)ether	6.39	93	269483	44.516	ng	99
12) 1,3-Dichlorobenzene	6.59	146	297079	45.283	ng	97
13) 1,4-Dichlorobenzene	6.67	146	299773	44.857	ng	99
14) 1,2-Dichlorobenzene	6.82	146	280260	45.505	ng	98
15) Benzyl Alcohol	6.80	79	234444	43.678	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	462669	39.276	ng	75
17) 2-Methylphenol	6.93	107	225304	42.130	ng	# 91
18) Hexachloroethane	7.16	117	110586	44.277	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	191304	43.048	ng	98
20) 3+4-Methylphenols	7.08	107	294557	45.036	ng	# 81
22) Acetophenone	7.06	105	382940	46.068	ng	# 99
24) Nitrobenzene	7.24	77	298628	43.263	ng	98
25) Isophorone	7.48	82	529416	40.024	ng	100
26) 2-Nitrophenol	7.56	139	148793	43.146	ng	88
27) 2,4-Dimethylphenol	7.60	122	235956	45.367	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	333499	42.847	ng	98
29) 2,4-Dichlorophenol	7.80	162	227308	42.637	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	252143	41.740	ng	98
31) Naphthalene	7.96	128	810496	43.396	ng	98
32) Benzoic acid	7.74	122	162024	35.470	ng	93
33) 4-Chloroaniline	8.01	127	204670	25.172	ng	99
34) Hexachlorobutadiene	8.07	225	144742	40.028	ng	98
35) Caprolactam	8.38	113	71962m	44.127	ng	
36) 4-Chloro-3-methylphenol	8.52	107	249592	43.242	ng	99
37) 2-Methylnaphthalene	8.65	142	536814	42.395	ng	98
38) 1-Methylnaphthalene	8.75	142	508322	42.592	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	241443	42.559	ng	99

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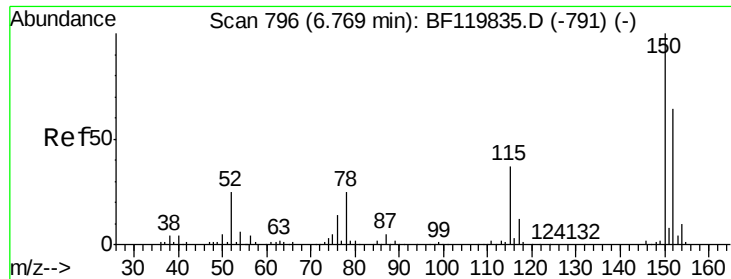
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	219966	68.186	nq	97
43) 2,4,6-Trichlorophenol	8.94	196	166910	42.606	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	169678	38.455	nq	96
46) 1,1'-Biphenyl	9.12	154	657474	43.367	nq	98
47) 2-Chloronaphthalene	9.14	162	509609	43.634	nq	99
48) 2-Nitroaniline	9.25	65	176722	41.755	nq	92
49) Acenaphthylene	9.56	152	807450	45.460	nq	97
50) Dimethylphthalate	9.43	163	593245	42.700	nq	98
51) 2,6-Dinitrotoluene	9.49	165	130166	42.784	nq	90
52) Acenaphthene	9.73	154	480528	40.557	nq	98
53) 3-Nitroaniline	9.66	138	100972	29.059	nq	89
54) 2,4-Dinitrophenol	9.77	184	134942	74.084	nq	95
55) Dibenzofuran	9.90	168	724616	44.568	nq	97
56) 4-Nitrophenol	9.85	139	186946	72.310	nq	97
57) 2,4-Dinitrotoluene	9.89	165	172921	43.140	nq	93
58) Fluorene	10.25	166	574064	44.149	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148044	43.870	nq	99
60) Diethylphthalate	10.13	149	621331	43.150	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	277925	41.702	nq	97
62) 4-Nitroaniline	10.27	138	149235	45.067	nq	98
63) Azobenzene	10.40	77	579393	44.898	nq	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	97007	41.838	nq	90
66) n-Nitrosodiphenylamine	10.36	169	510163	43.586	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	165313	37.770	nq	98
68) Hexachlorobenzene	10.79	284	184183	41.482	nq	96
69) Atrazine	10.89	200	156192	47.961	nq	99
70) Pentachlorophenol	10.99	266	159007	62.143	nq	99
71) Phenanthrene	11.20	178	838008	44.739	nq	97
72) Anthracene	11.26	178	879209	45.948	nq	97
73) Carbazole	11.42	167	805965	44.540	nq	97
74) Di-n-butylphthalate	11.75	149	1000357	42.053	nq	99
75) Fluoranthene	12.39	202	957135	47.358	nq	98
77) Benzidine	12.52	184	546718	54.669	nq	97
78) Pyrene	12.62	202	956027	38.332	nq	97
80) Butylbenzylphthalate	13.25	149	453494	37.472	nq	98
81) Benzo(a)anthracene	13.81	228	846792	43.508	nq	100
82) 3,3'-Dichlorobenzidine	13.78	252	203974	28.088	nq #	98
83) Chrysene	13.85	228	855809	43.275	nq	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	608406	37.124	nq	99
85) Di-n-octyl phthalate	14.43	149	1099241	39.393	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	981746	56.318	nq	99
88) Benzo(b)fluoranthene	14.83	252	801524	39.554	nq	100
89) Benzo(k)fluoranthene	14.86	252	756007	43.240	nq	100
90) Benzo(a)pyrene	15.17	252	729639	42.825	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	822134	54.475	nq	100
92) Benzo(g,h,i)perylene	16.99	276	820737	55.093	nq	98

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



#1

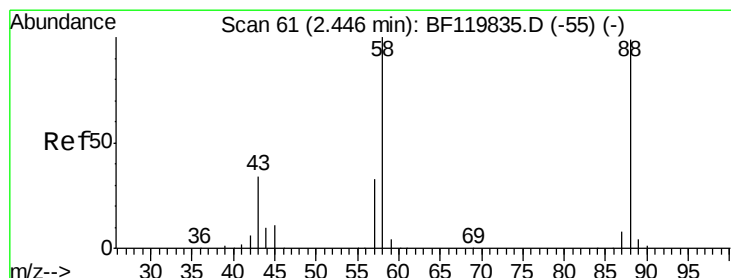
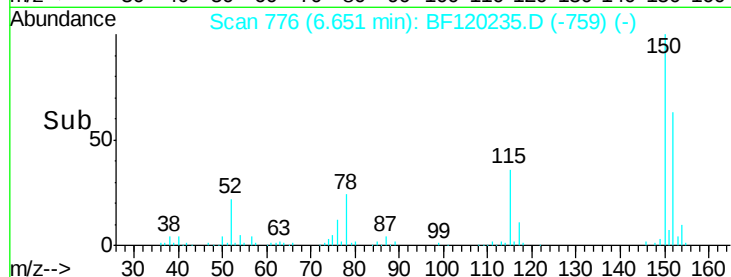
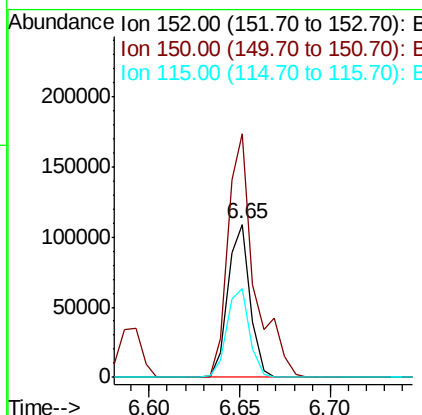
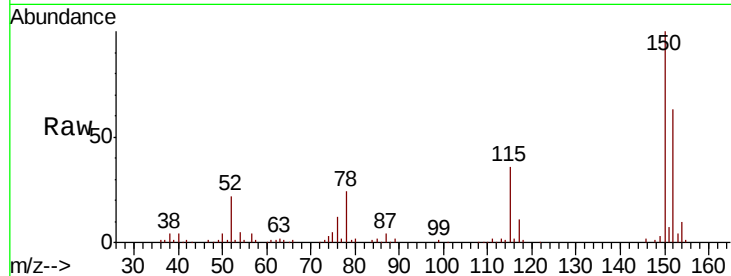
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.5	186.7
115	57.6	49.6	74.4

Manual Integrations
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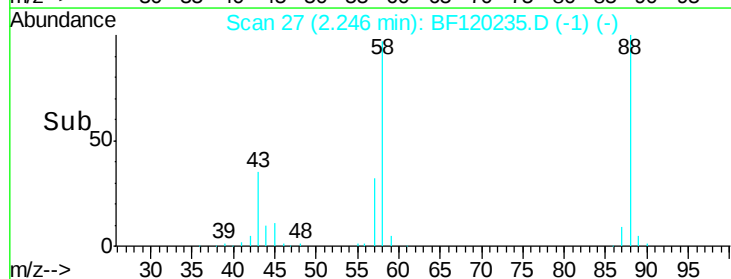
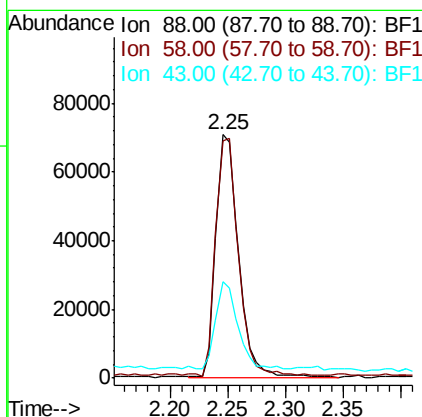
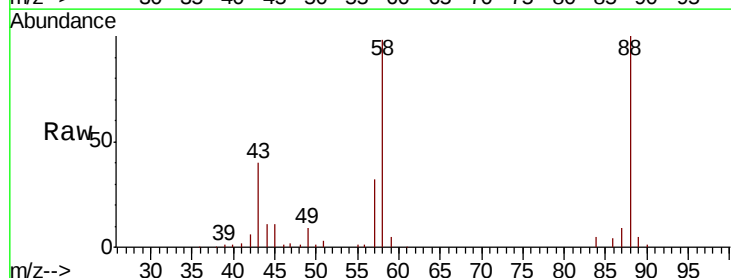
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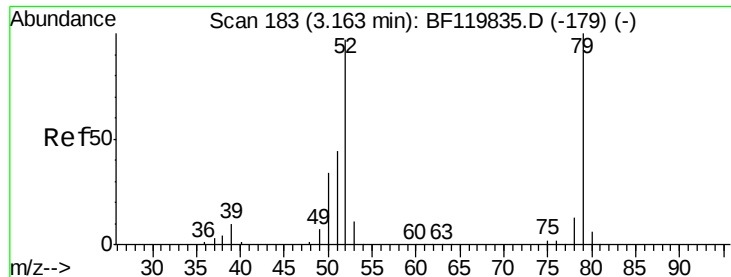


#2

1,4-Dioxane
Concen: 40.939 ng
RT: 2.25 min Scan# 27
Delta R.T. 0.05 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	80.6	121.0
43	34.7	27.5	41.3





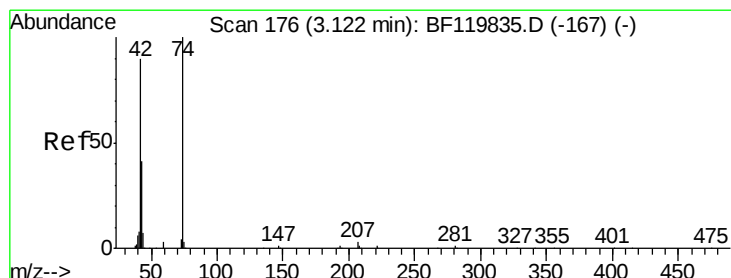
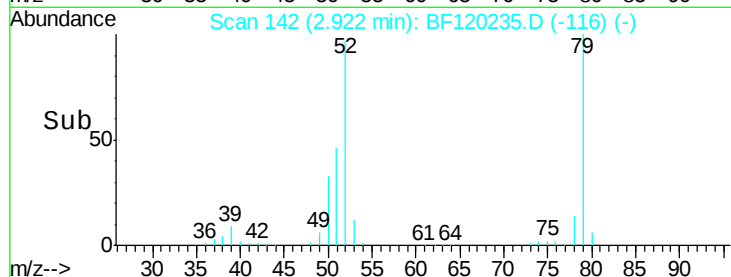
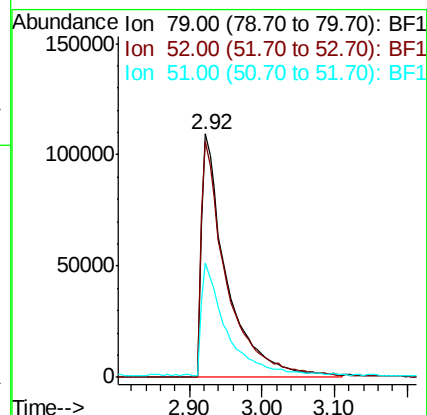
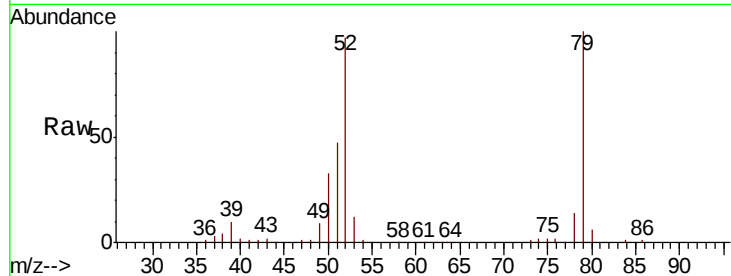
#3
 Pvridine
 Concen: 40.279 ng
 RT: 2.92 min Scan# 142
 Delta R.T. 0.05 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	97.0	80.2	120.2	
51	47.1	37.7	56.5	

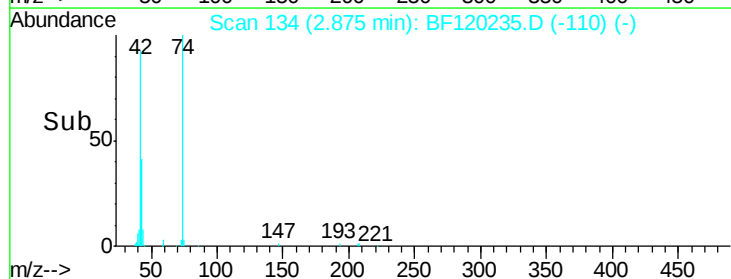
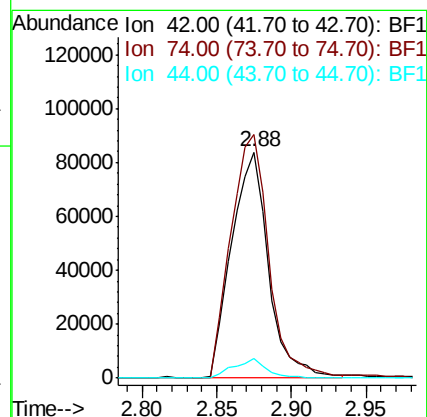
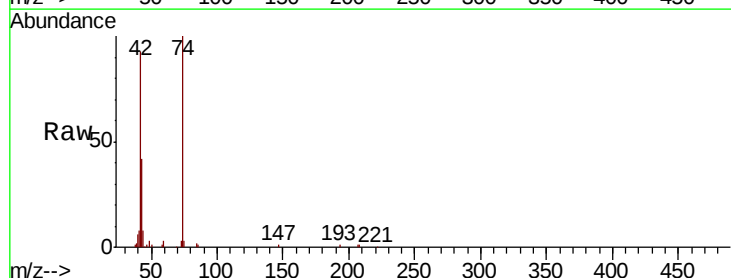
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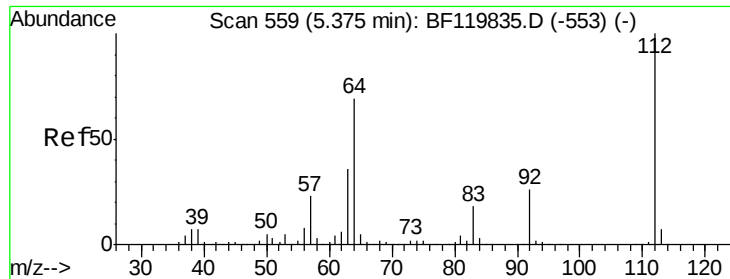
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#4
 n-Nitrosodimethylamine
 Concen: 43.561 ng
 RT: 2.88 min Scan# 134
 Delta R.T. 0.04 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	107.9	91.5	137.3	
44	8.5	6.2	9.4	





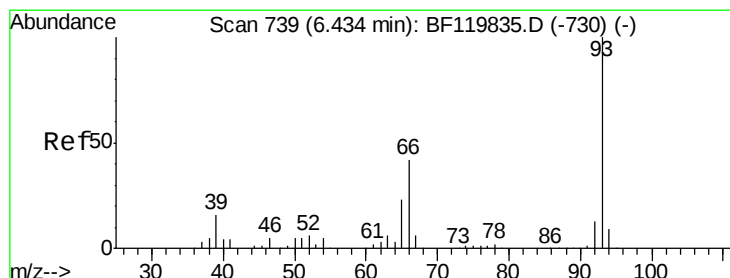
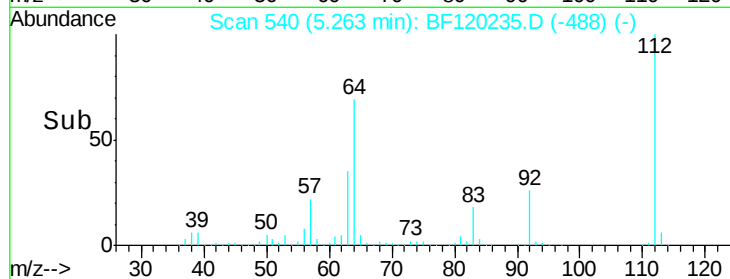
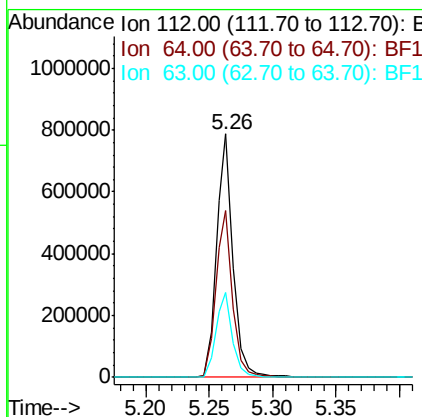
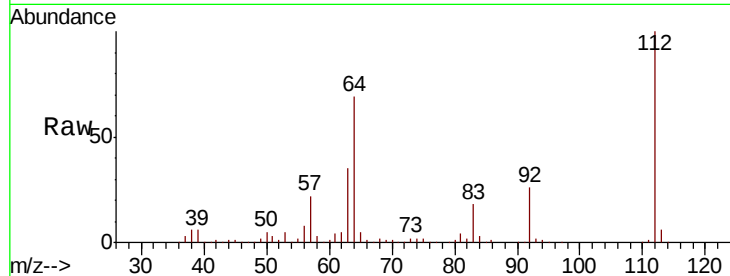
#5
2-Fluorophenol
Concen: 133.901 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampled :
PB128568BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.6	56.7	85.1
63	34.9	29.5	44.3

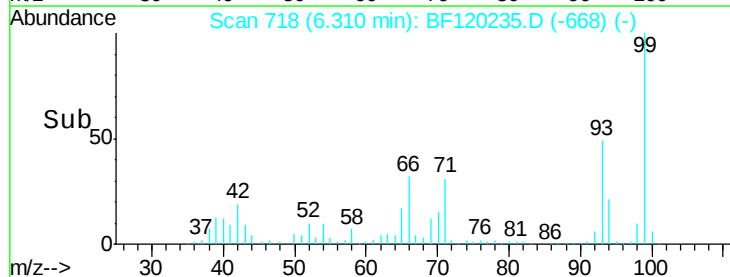
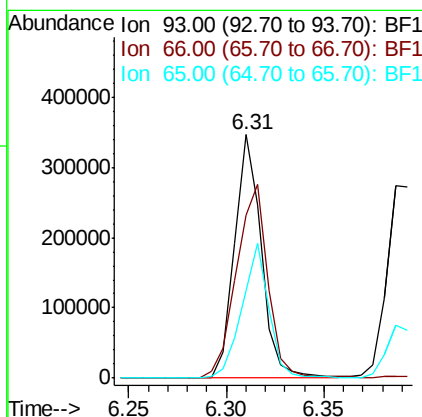
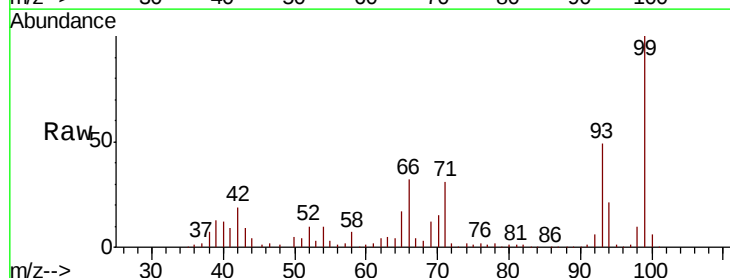
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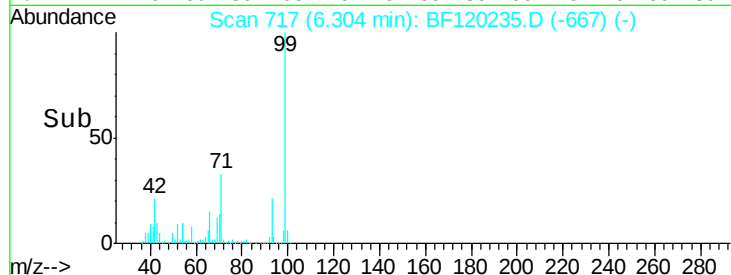
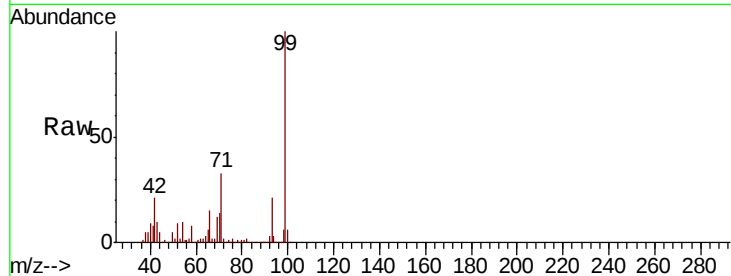
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#6
Aniline
Concen: 36.423 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	66.8	34.9	52.3#
65	35.8	18.6	27.8#





#7

Phenol-d6

Concen: 129.200 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tot Ion:	99	Resp:	892871
Ion Ratio	Lower	Upper	
99	100		
42	21.1	16.6	24.8
71	33.1	26.4	39.6

Instrument :

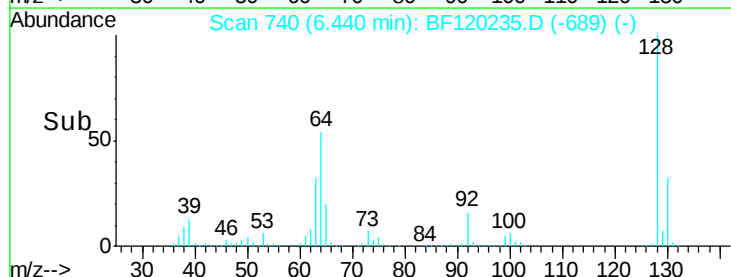
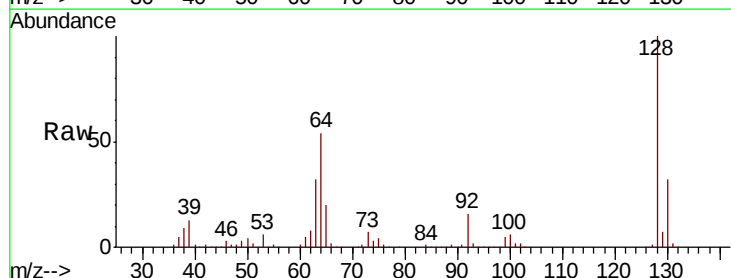
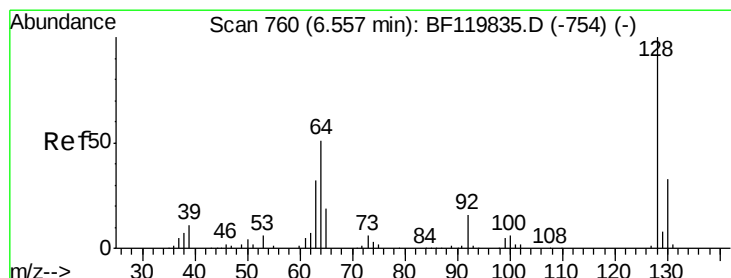
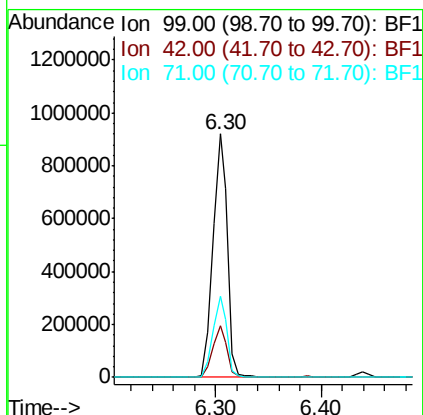
BNA_F

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#8

2-Chlorophenol

Concen: 47.318 ng

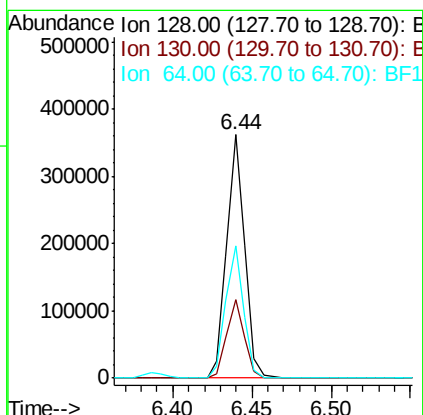
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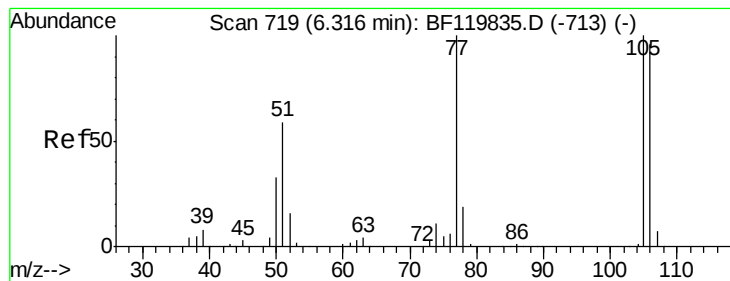
Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	128	Resp:	283552
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	54.1	35.3	75.3





#9

Benzaldehyde

Concen: 22.988 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion: 77 Resp: 103749

Ion Ratio Lower Upper

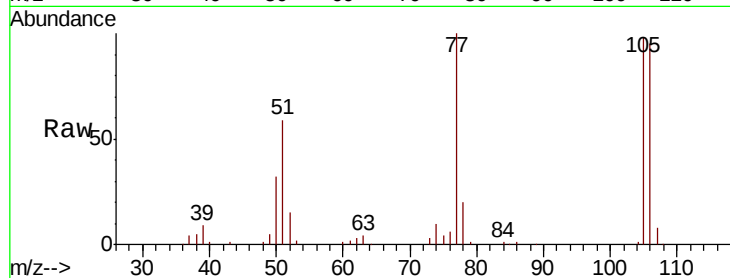
77 100

105 97.8 80.9 120.9

106 95.3 77.9 117.9

Manual Integrations
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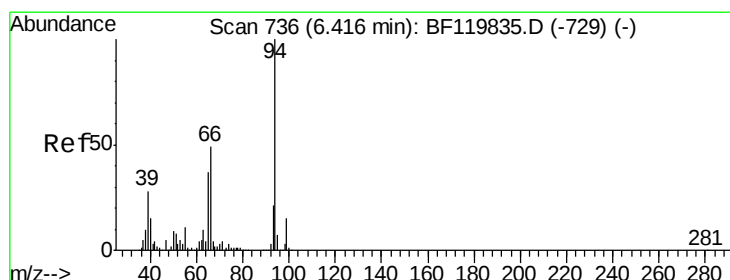
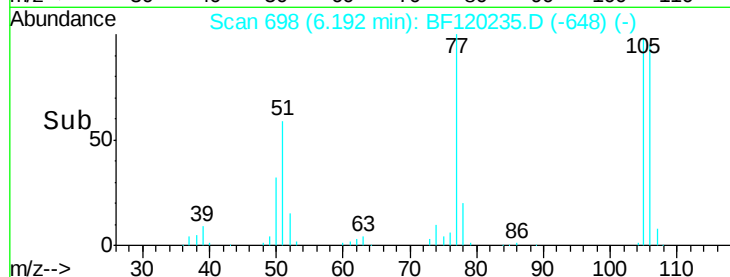
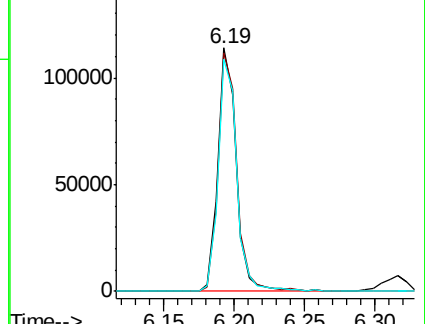
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.715 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

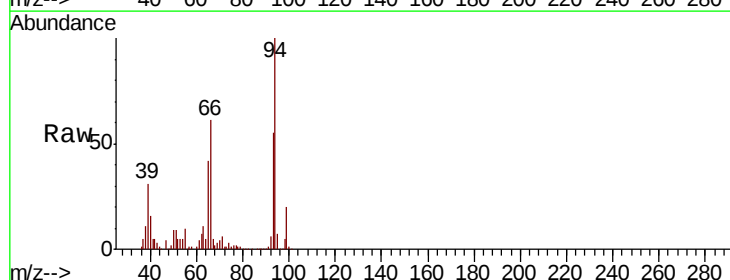
Tgt Ion: 94 Resp: 358412

Ion Ratio Lower Upper

94 100

65 42.4 13.2 53.2

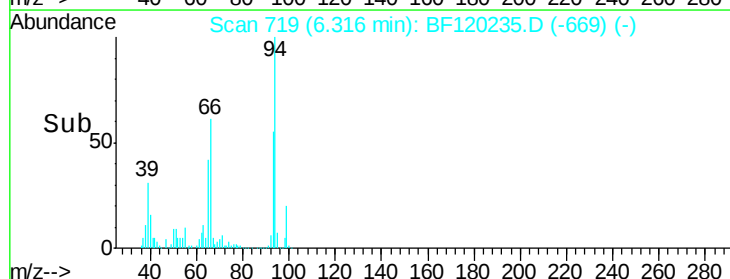
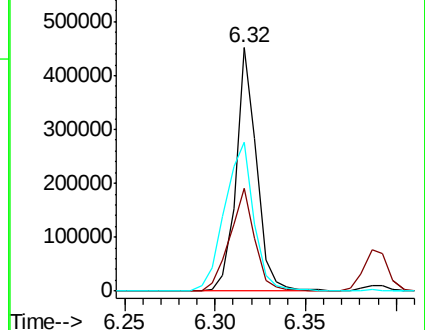
66 61.1 22.3 62.3

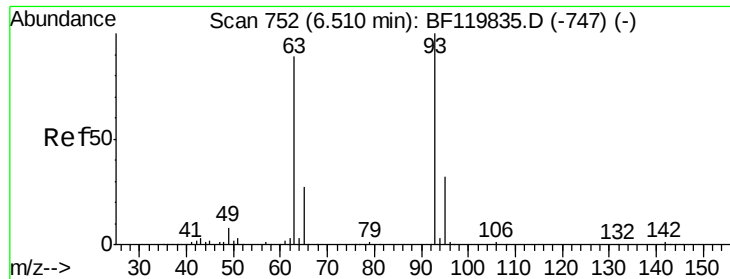


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





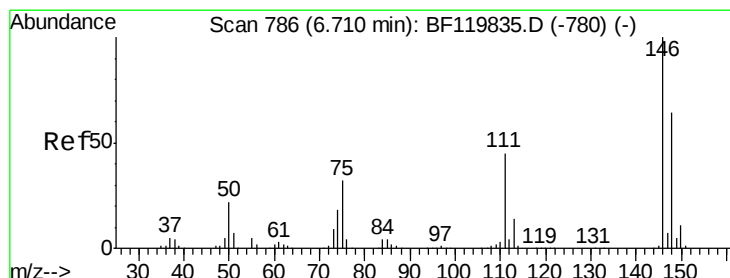
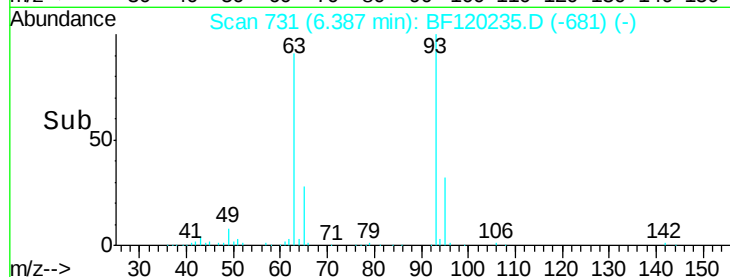
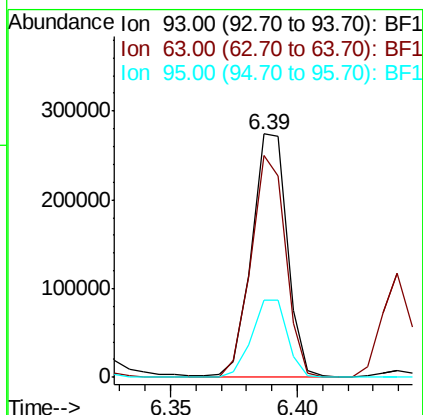
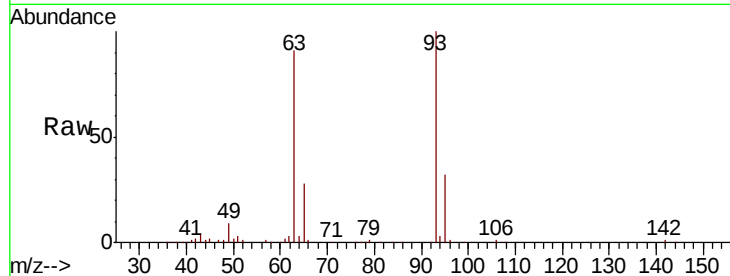
#11
bis(2-Chloroethyl)ether
Concen: 44.516 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:	93	Resp:	269483
Ion	Ratio	Lower	Upper
93	100		
63	90.9	70.2	110.2
95	31.9	13.4	53.4

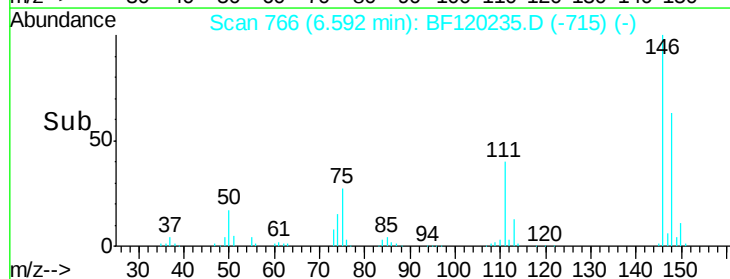
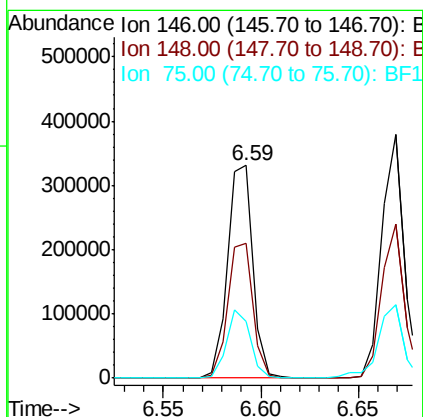
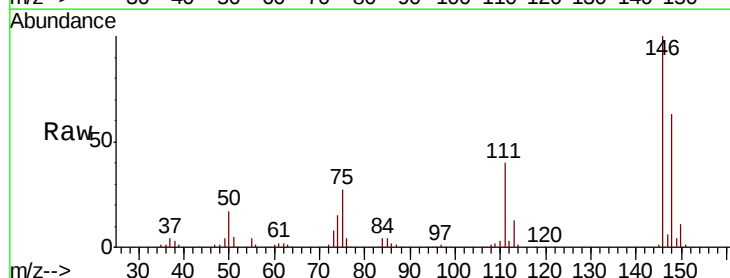
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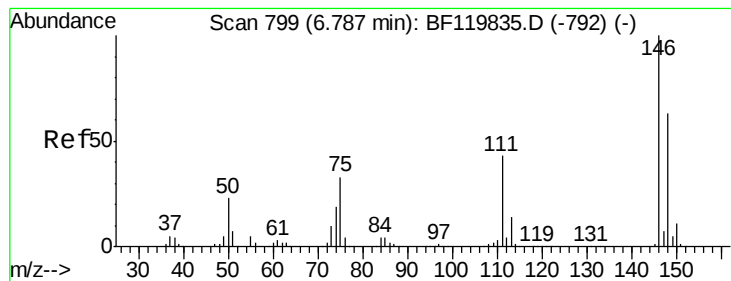
mohammad
5/4/2020 8:18:48 AM



#12
1,3-Dichlorobenzene
Concen: 45.283 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:	146	Resp:	297079
Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
75	26.9	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 44.857 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

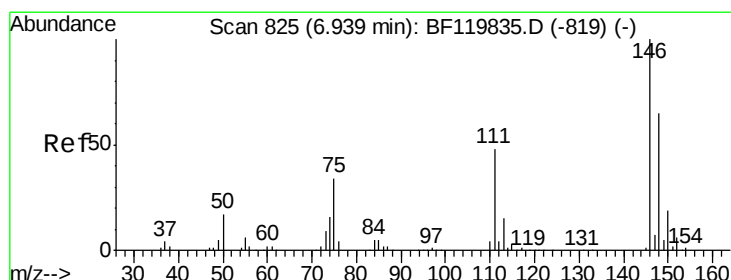
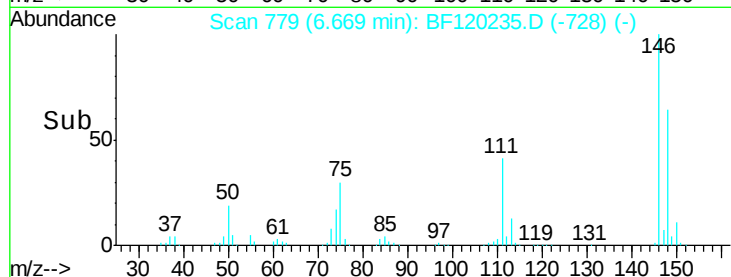
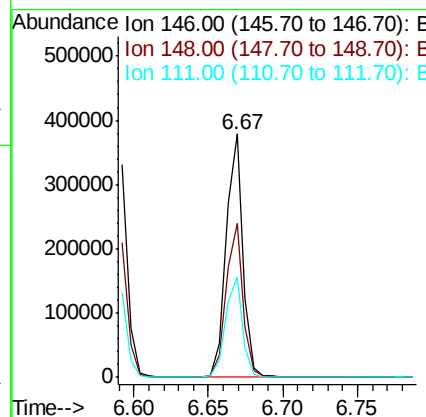
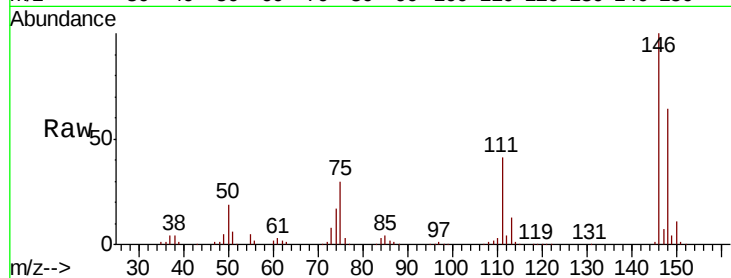
ClientSampleId :

PB128568BS

Tot Ion:	146	Resp:	299773
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	41.1	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 45.505 ng

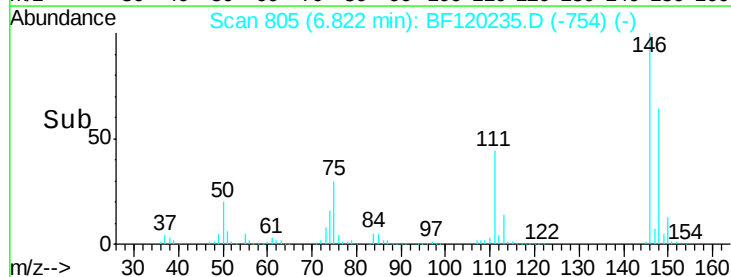
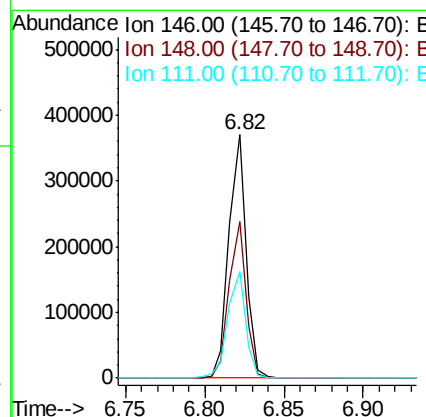
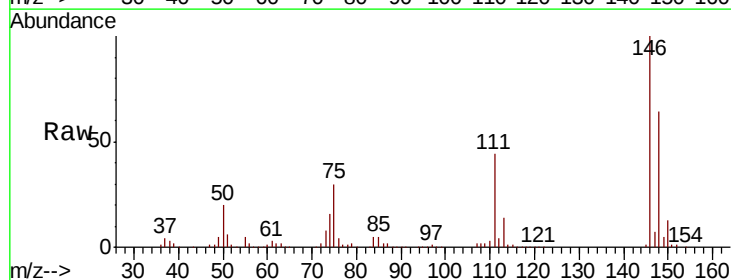
RT: 6.82 min Scan# 805

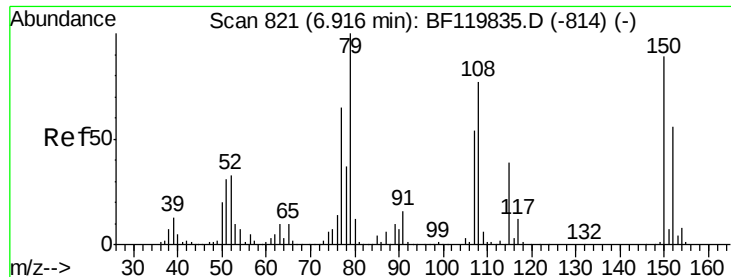
Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	146	Resp:	280260
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	43.7	36.1	54.1





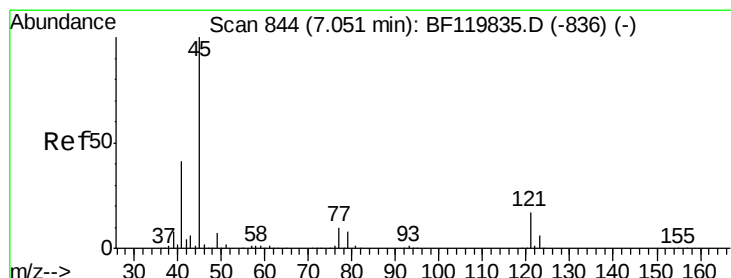
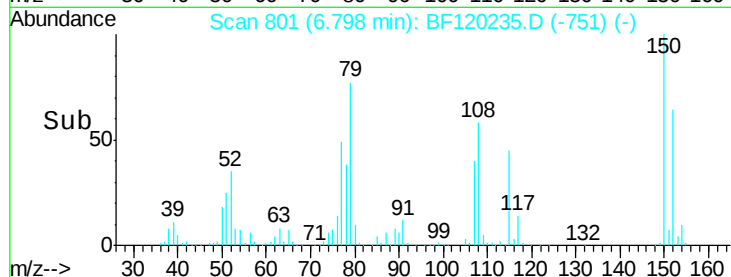
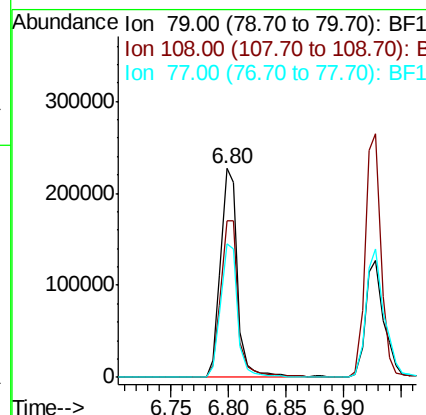
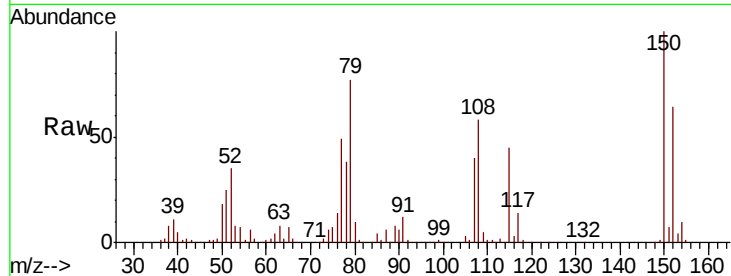
#15
Benzyl Alcohol
Concen: 43.678 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	60.6	90.8
77	63.9	50.2	75.2

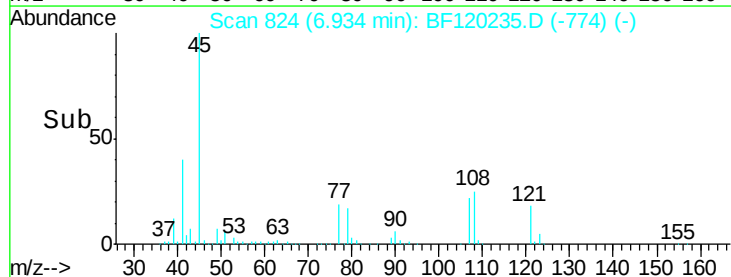
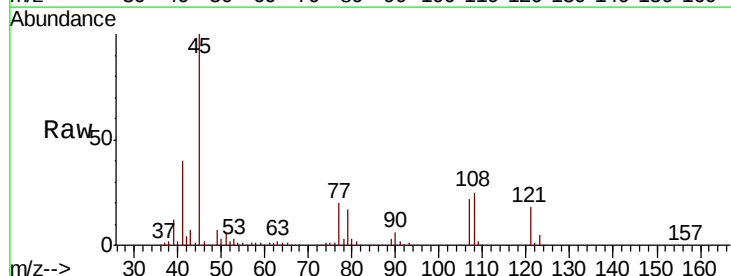
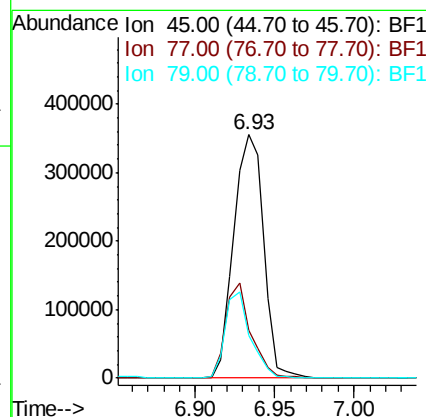
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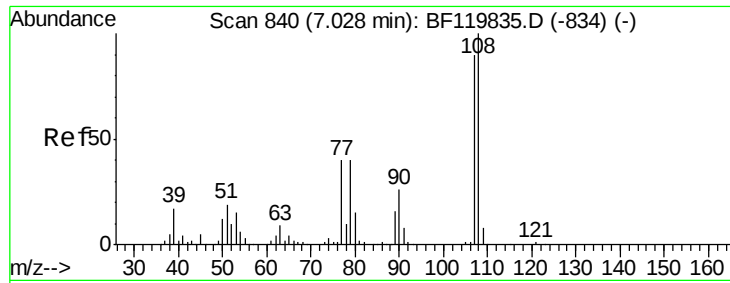
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.276 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	30.7
79	17.5	0.0	28.2





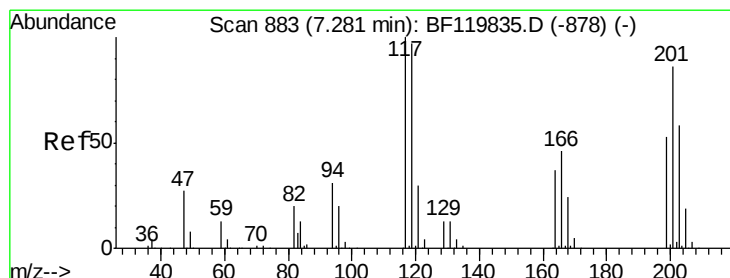
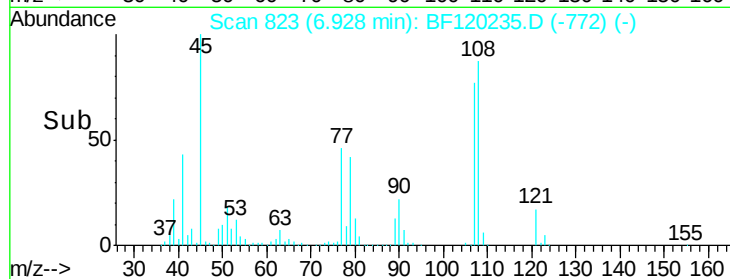
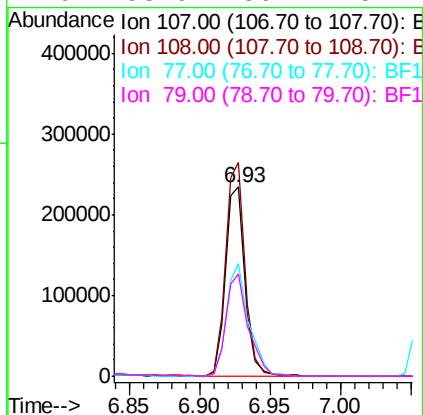
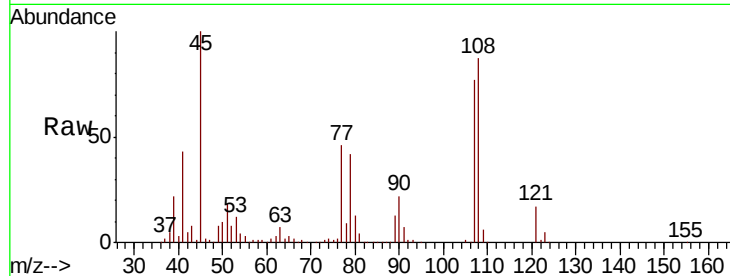
#17
2-Methylphenol
Concen: 42.130 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:	107	Resp:	225304
Ion Ratio	Lower	Upper	
107	100		
108	112.8	92.2	138.4
77	59.4	36.6	54.8
79	53.9	36.2	54.4

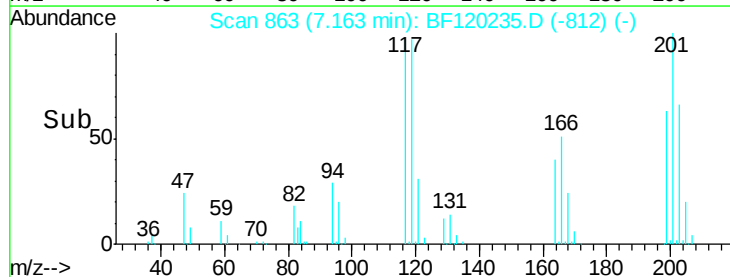
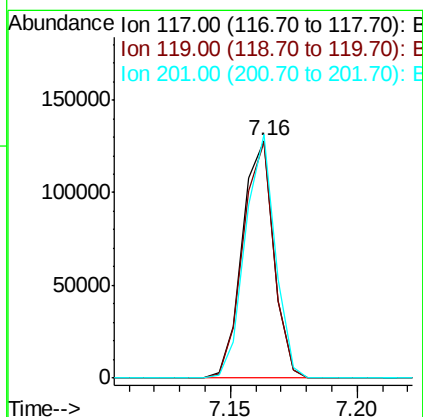
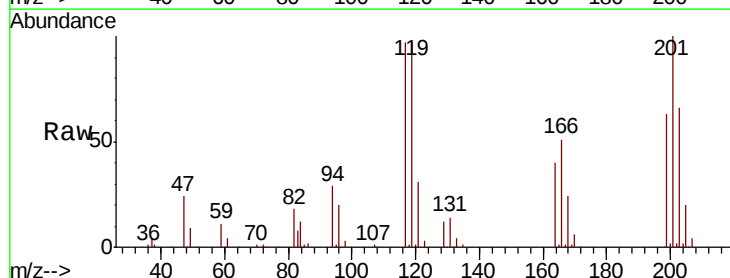
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#18
Hexachloroethane
Concen: 44.277 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:	117	Resp:	110586
Ion Ratio	Lower	Upper	
117	100		
119	99.3	76.1	114.1
201	102.6	73.0	109.6





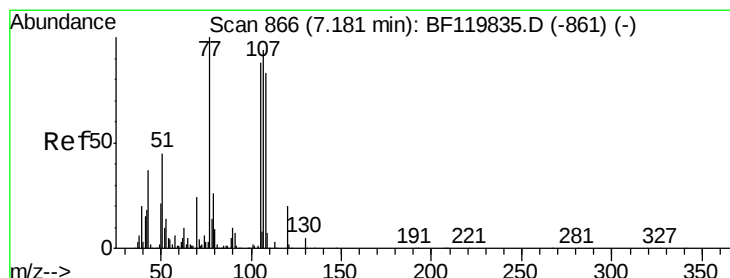
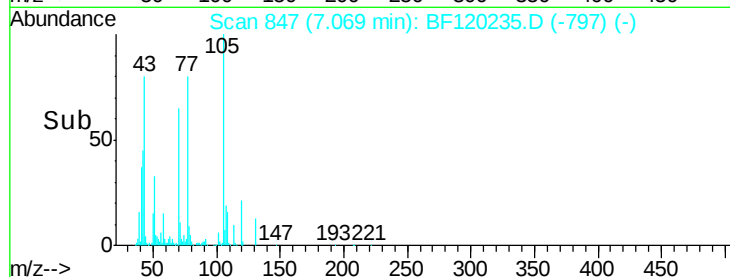
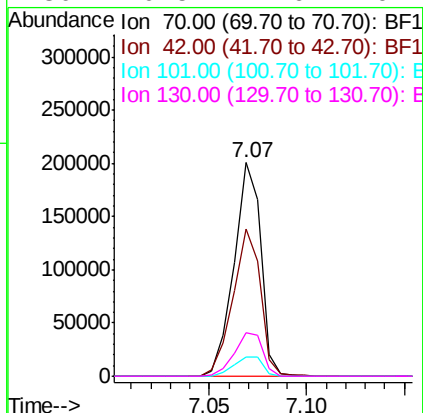
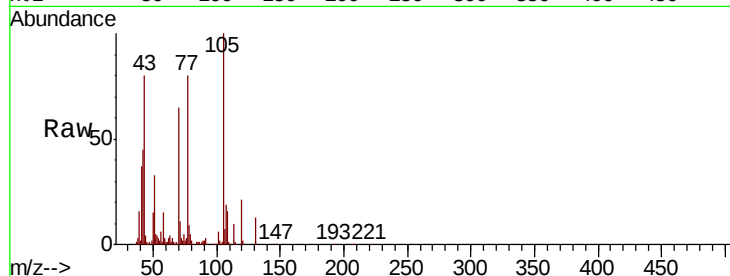
#19
n-Nitroso-di-n-propylamine
Concen: 43.048 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ion	Ratio	Lower	Upper
191304	70	100		
	42	69.1	54.5	81.7
	101	9.0	7.6	11.4
	130	20.5	17.6	26.4

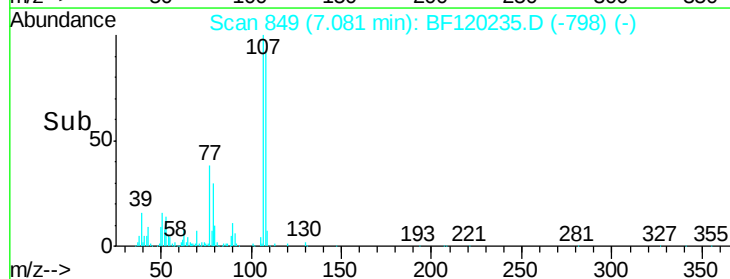
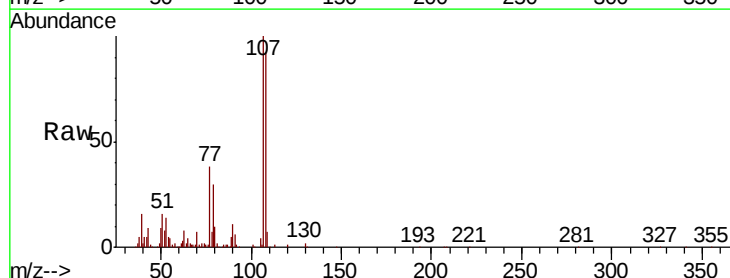
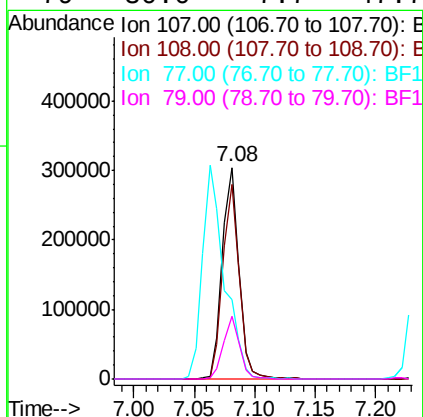
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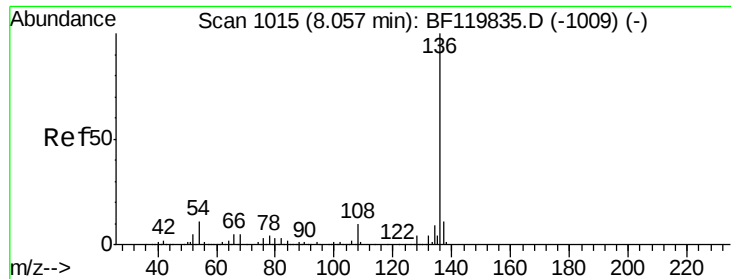
mohammad
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#20
3+4-Methylphenols
Concen: 45.036 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
294557	107	100		
	108	92.3	67.9	107.9
	77	37.7	52.9	92.9#
	79	30.0	7.7	47.7





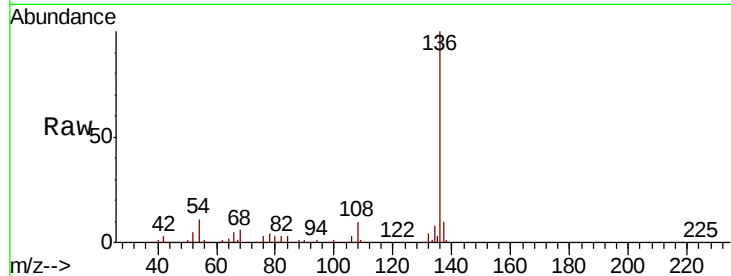
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	354983		
137	10.4		8.7	13.1
54	10.9		9.1	13.7
68	5.5		4.6	6.8

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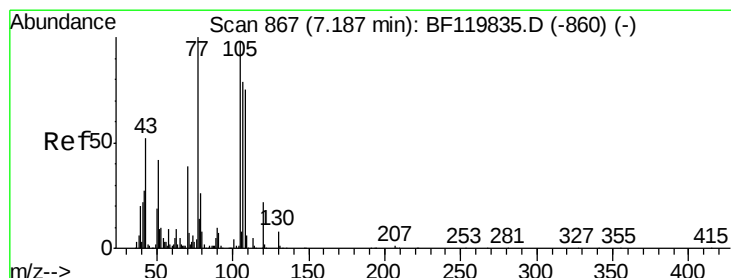
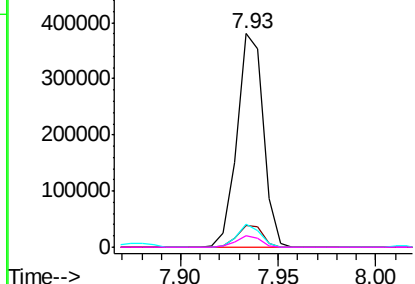
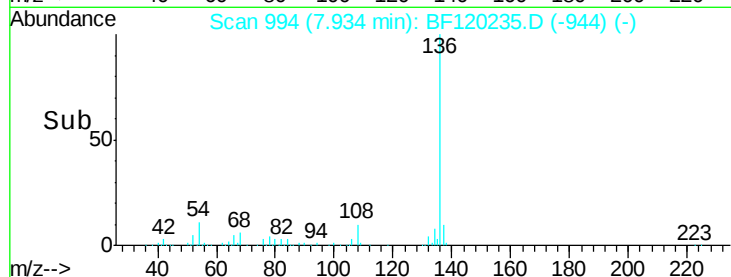
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

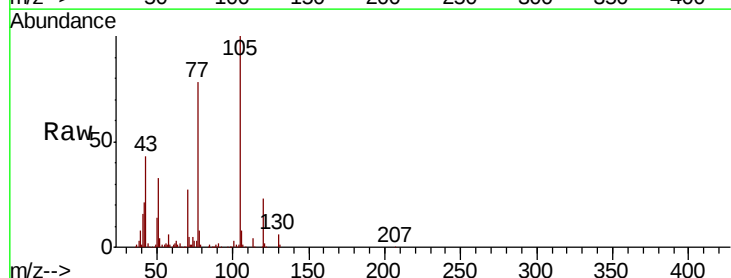
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.068 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	382940		
71	4.6		5.7	8.5#
51	32.8		26.2	39.4
120	22.7		18.3	27.5



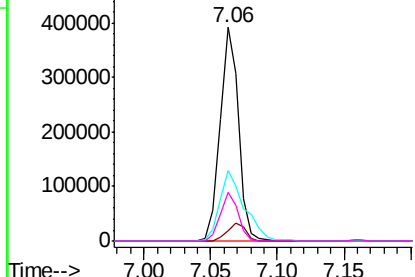
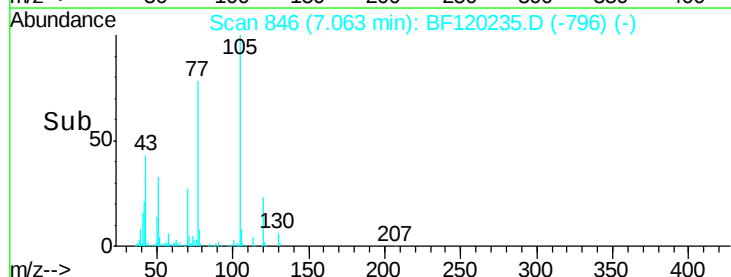
Abundance

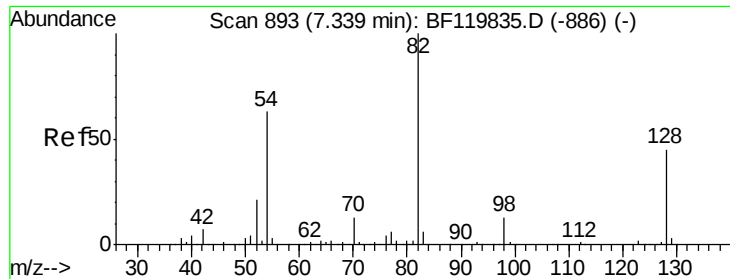
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





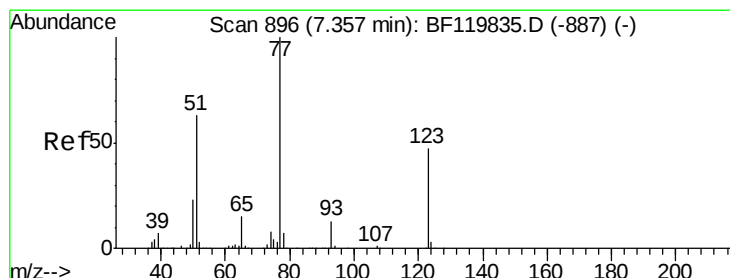
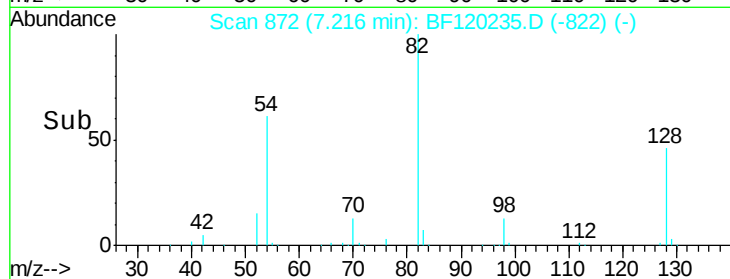
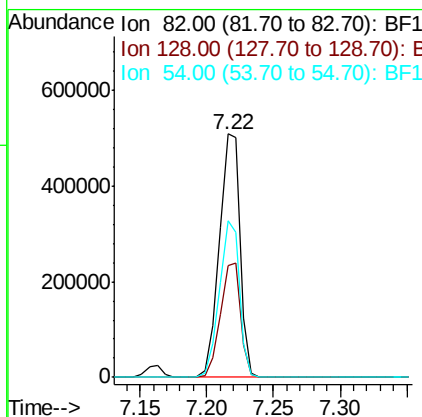
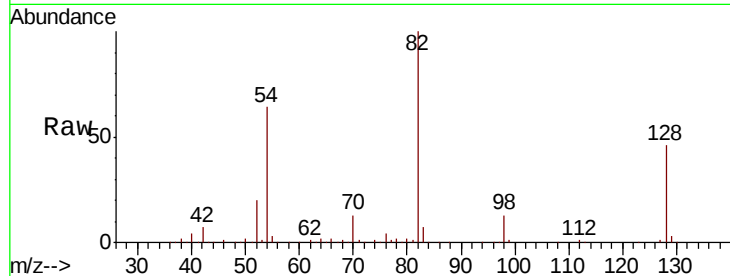
#23
Nitrobenzene-d5
Concen: 81.669 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	64.1	50.6	75.8

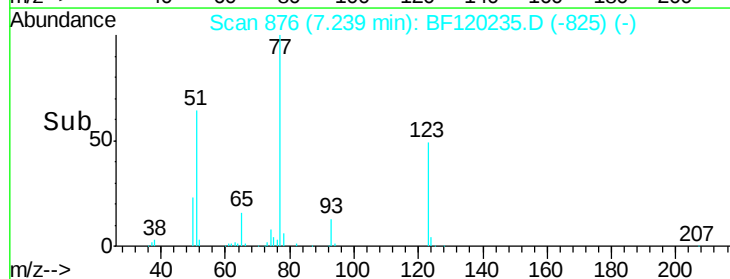
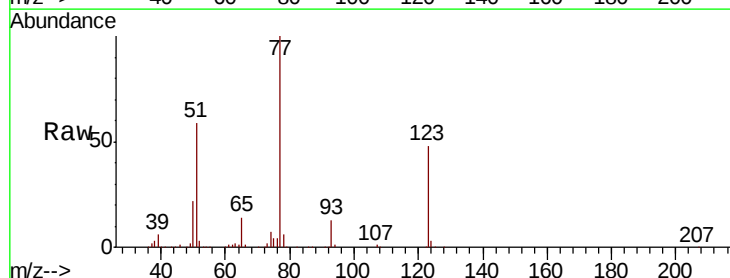
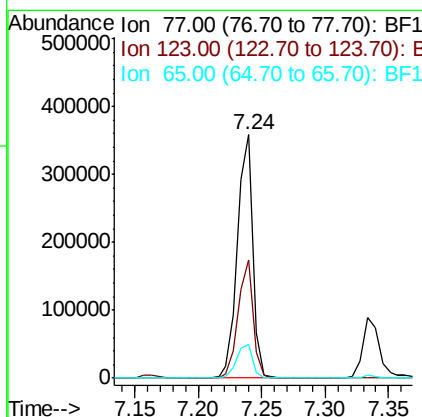
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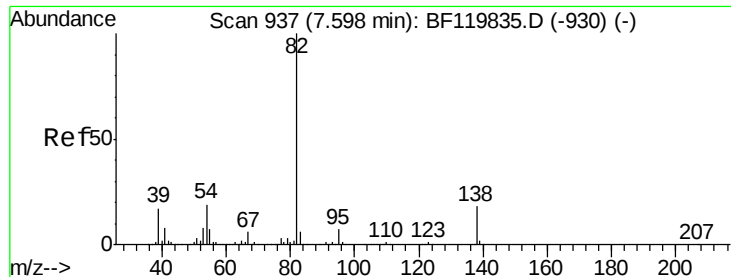
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#24
Nitrobenzene
Concen: 43.263 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.0	57.0
65	13.9	12.6	18.8





#25

Isophorone

Concen: 40.024 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

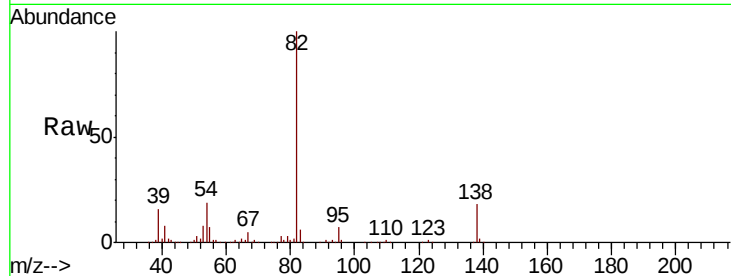
ClientSampleId :

PB128568BS

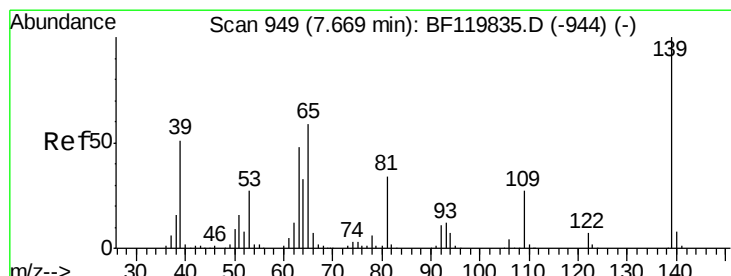
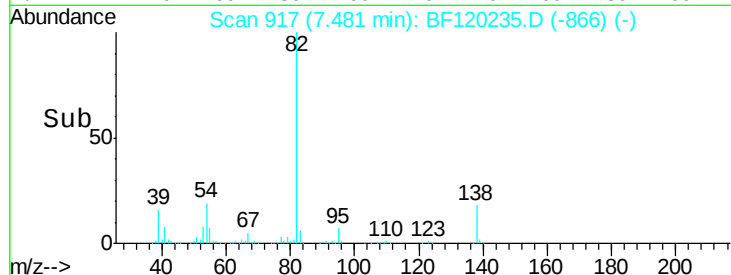
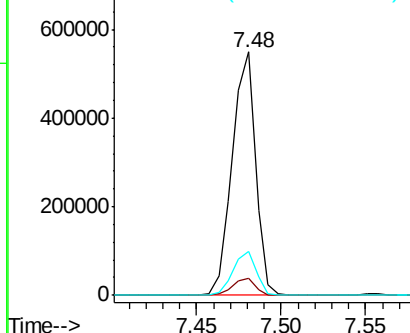
Tot Ion:	82	Resp:	529416
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.2	14.6	21.8

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.146 ng

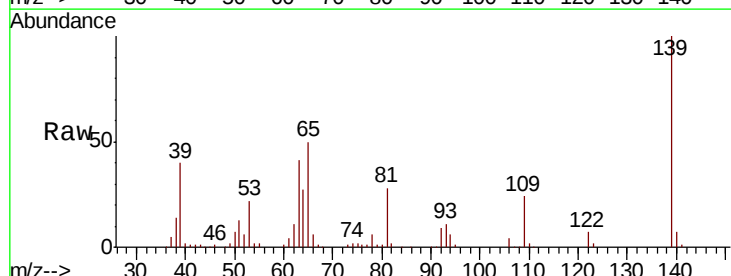
RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

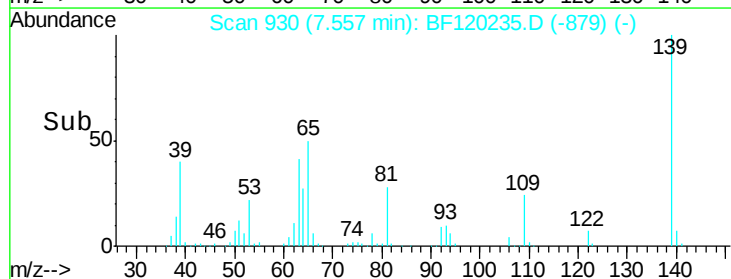
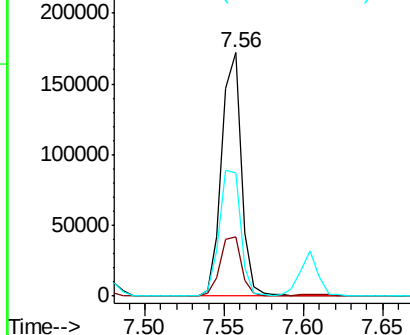
Lab File: BF120235.D

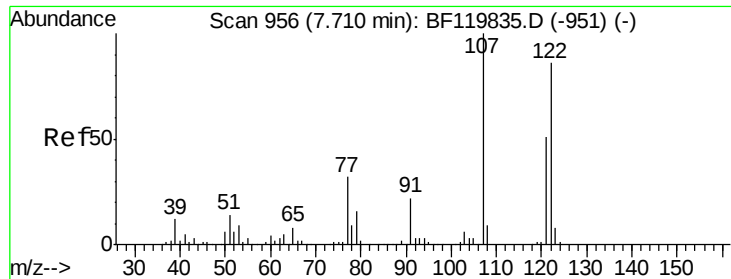
Acq: 30 Apr 2020 13:02

Tgt Ion:	139	Resp:	148793
Ion Ratio	Lower	Upper	
139	100		
109	24.5	22.1	33.1
65	50.4	49.2	73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





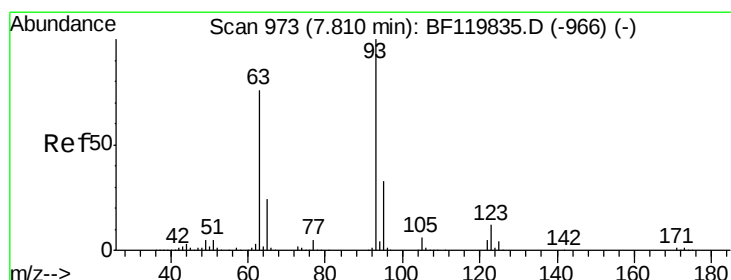
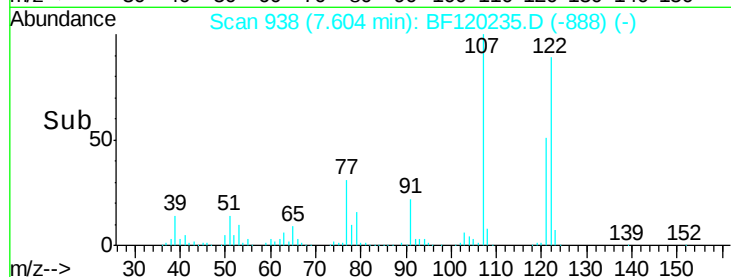
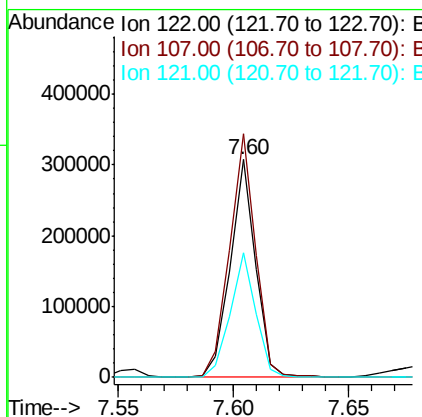
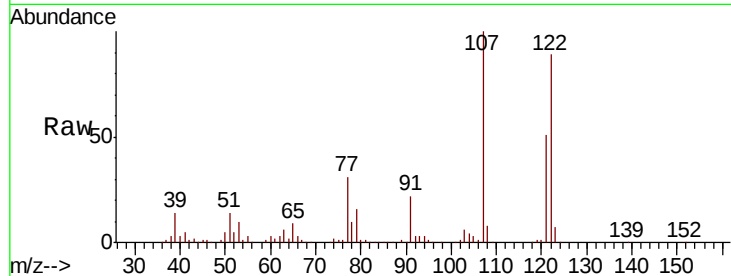
#27
2,4-Dimethylphenol
Concen: 45.367 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	235956		
107	111.8	89.0	133.6	
121	57.3	46.7	70.1	

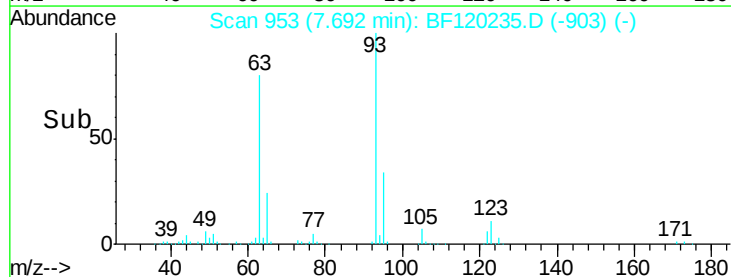
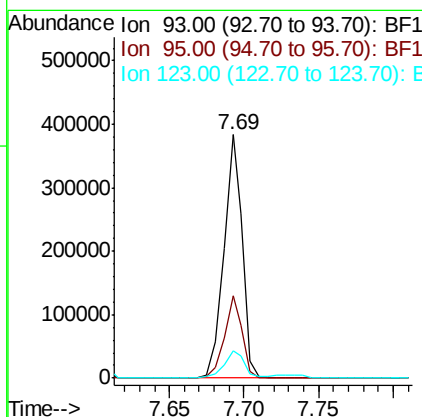
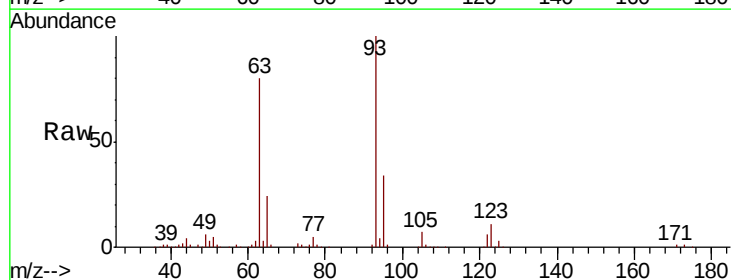
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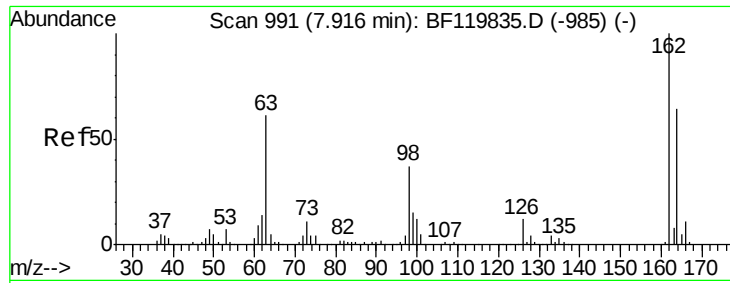
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.847 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333499		
95	33.8	26.3	39.5	
123	11.1	9.7	14.5	





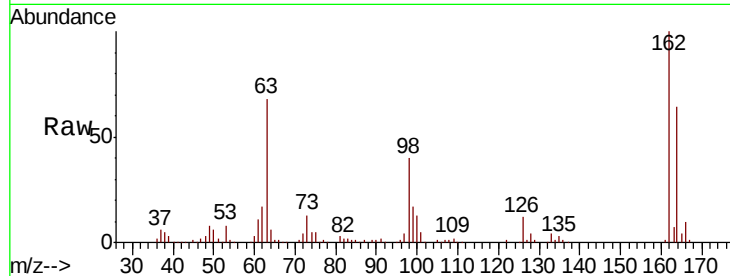
#29
 2,4-Dichlorophenol
 Concen: 42.637 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

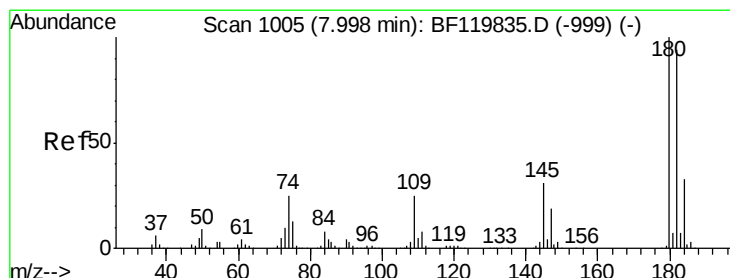
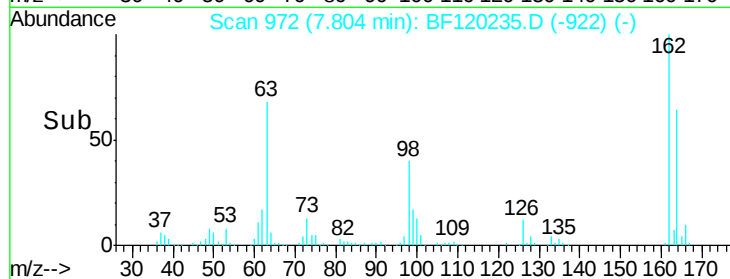
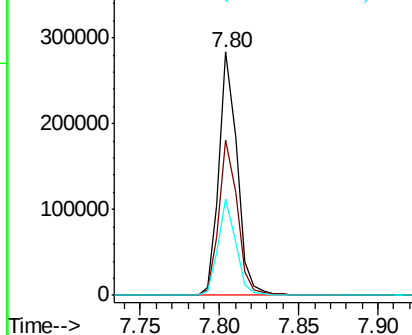
Tot Ion:	162	Resp:	227308
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.7	84.7
98	39.5	20.7	60.7

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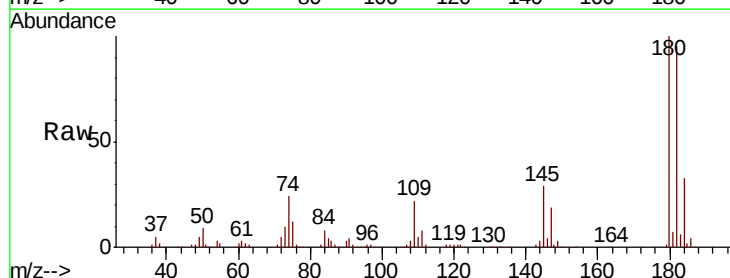


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

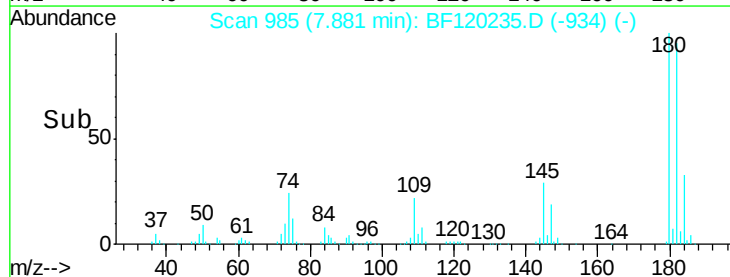
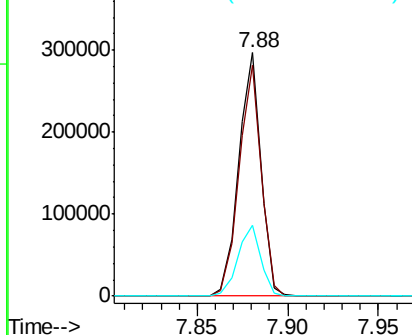


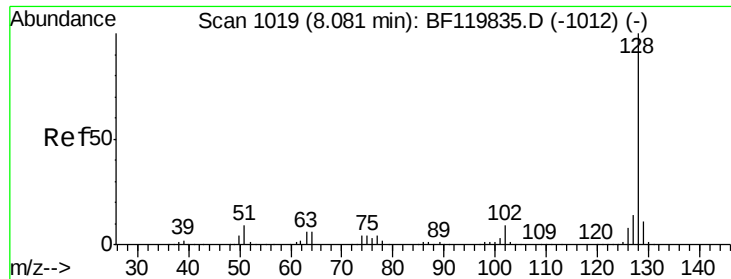
#30
 1,2,4-Trichlorobenzene
 Concen: 41.740 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:	180	Resp:	252143
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.7	112.1
145	29.1	24.5	36.7



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





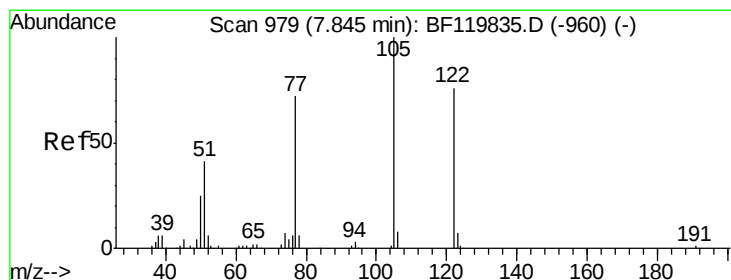
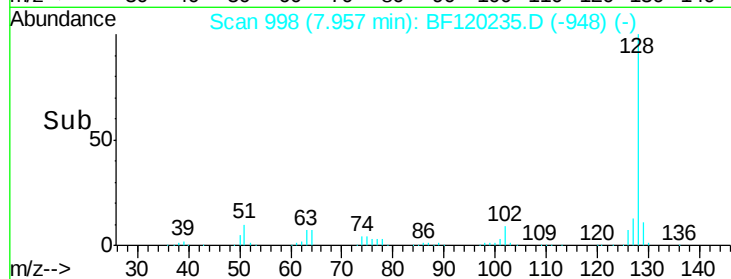
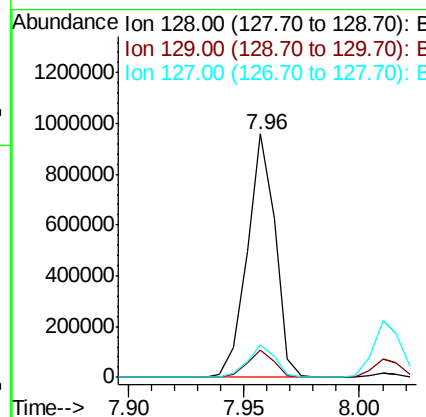
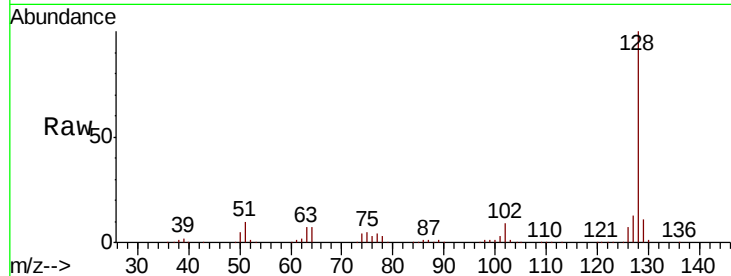
#31
Naphthalene
Concen: 43.396 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.2	11.3	16.9

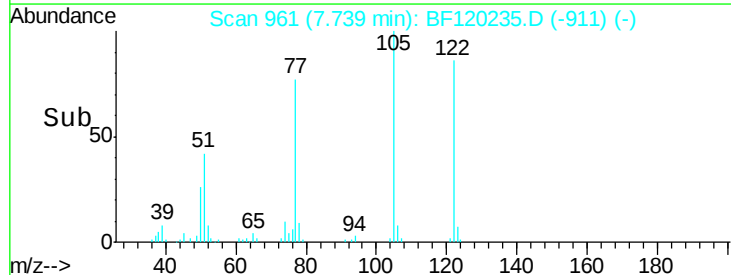
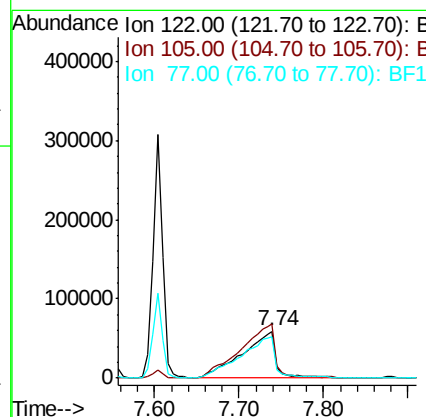
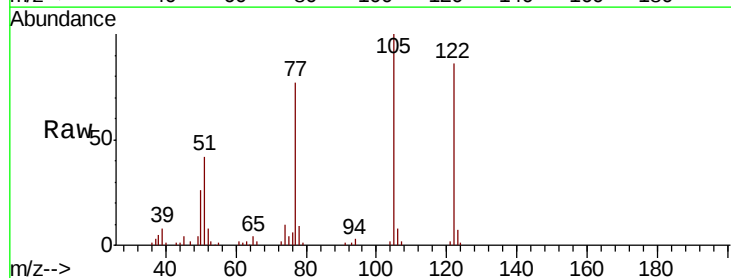
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#32
Benzoic acid
Concen: 35.470 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	104.9	144.9
77	89.2	74.4	114.4





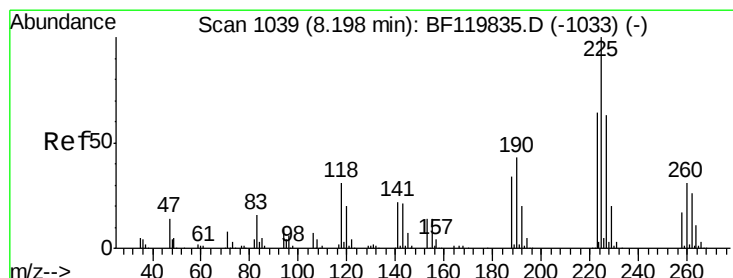
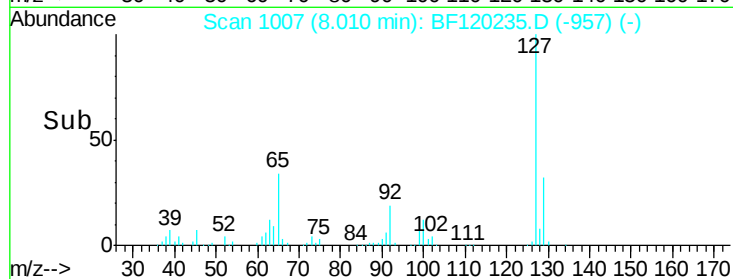
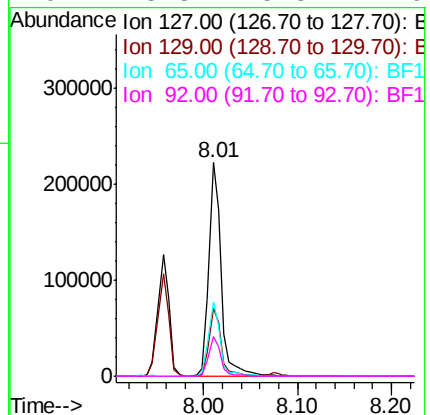
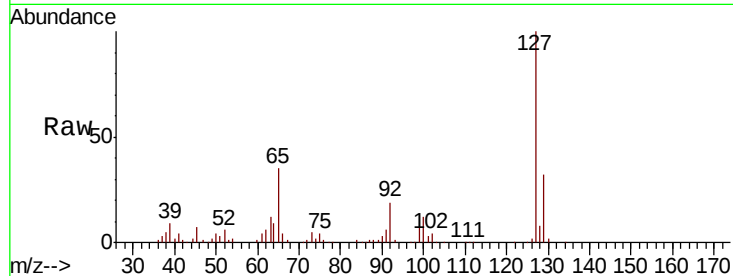
#33
4-Chloroaniline
Concen: 25.172 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.4		
65	34.6	27.4	41.0		
92	18.8	15.3	22.9		

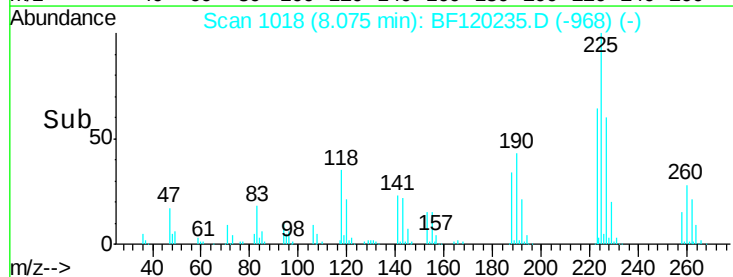
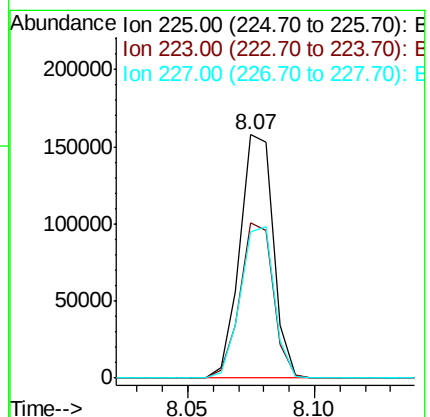
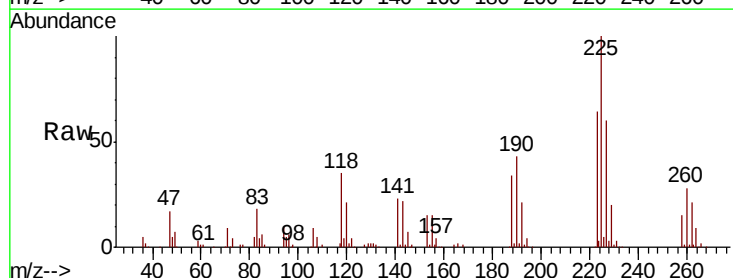
Manual Integrations
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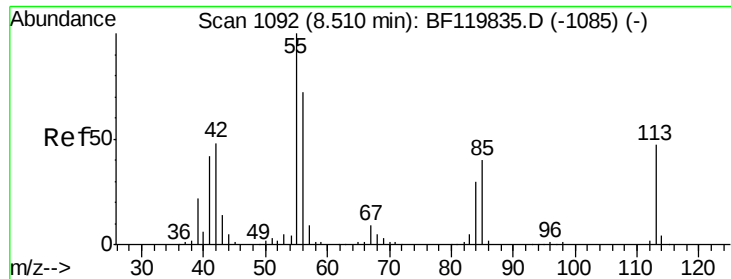
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#34
Hexachlorobutadiene
Concen: 40.028 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	51.0	76.6		
227	60.0	50.7	76.1		





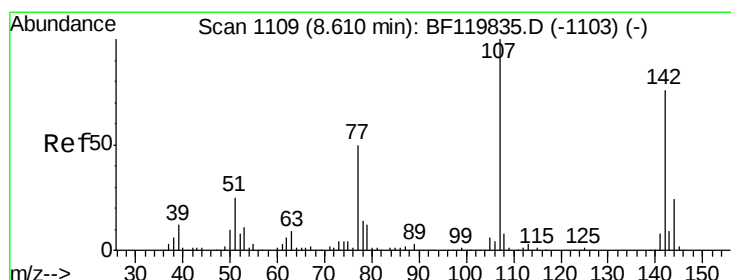
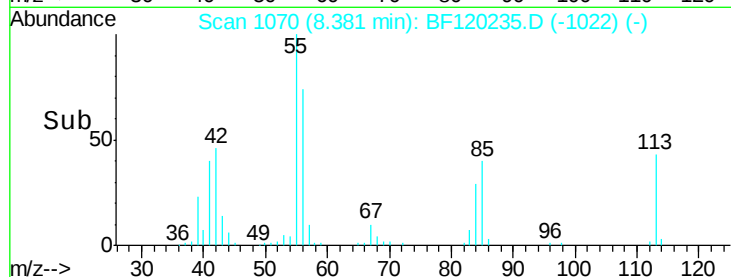
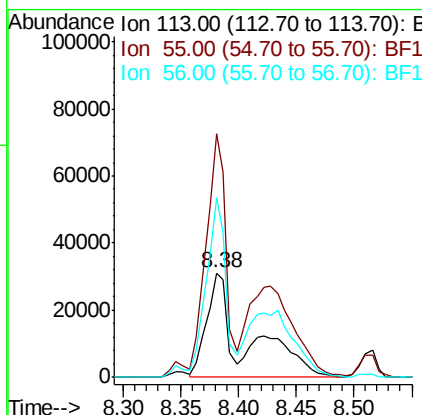
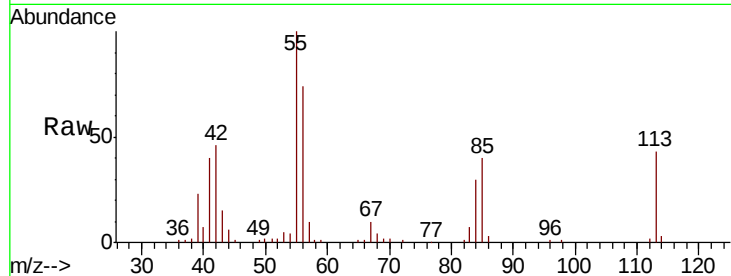
#35
 Caprolactam
 Concen: 44.127 ng/ml
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleID :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	232.6	218.4	258.4
56	171.9	148.9	188.9

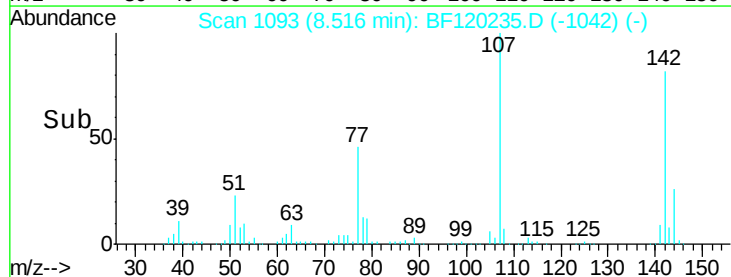
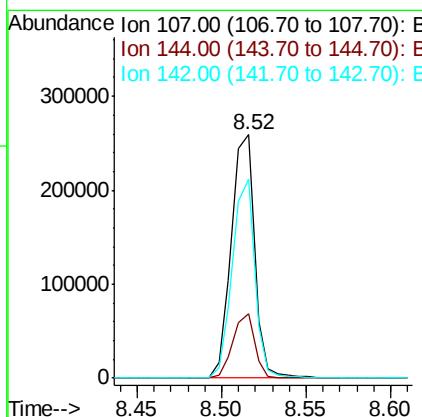
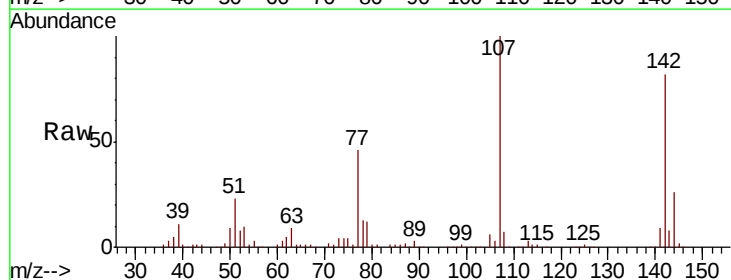
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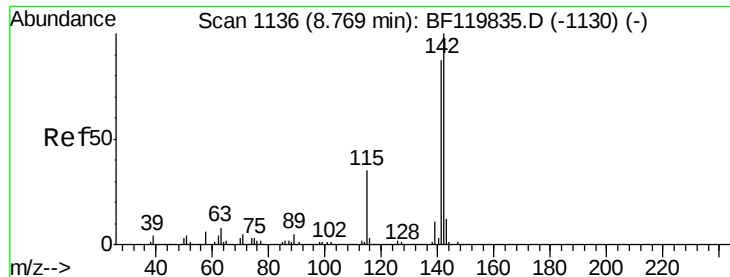
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.242 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.6
142	81.9	64.4	96.6





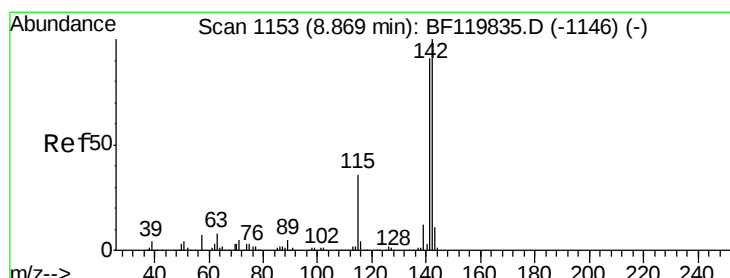
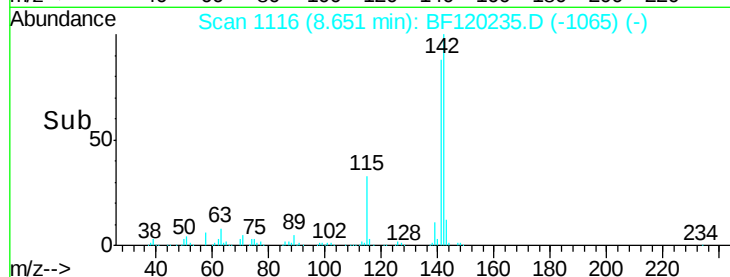
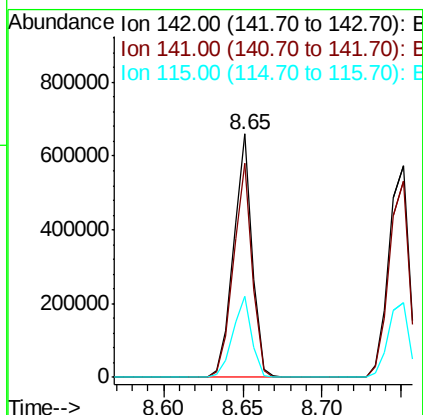
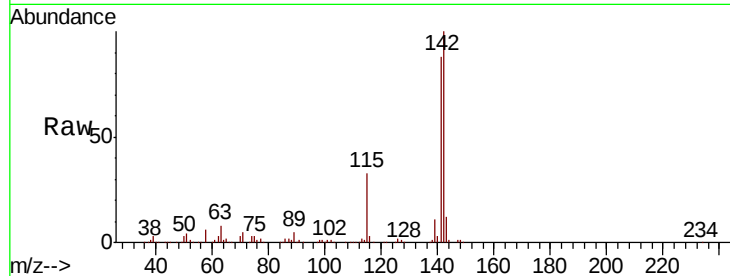
#37
2-Methylnaphthalene
Concen: 42.395 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.7	107.5
115	33.5	27.9	41.9

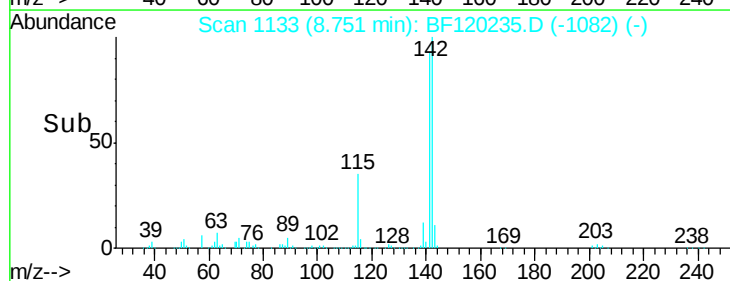
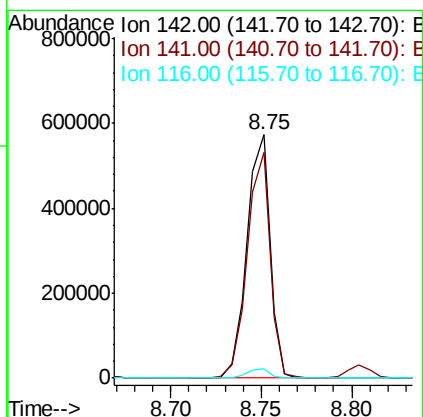
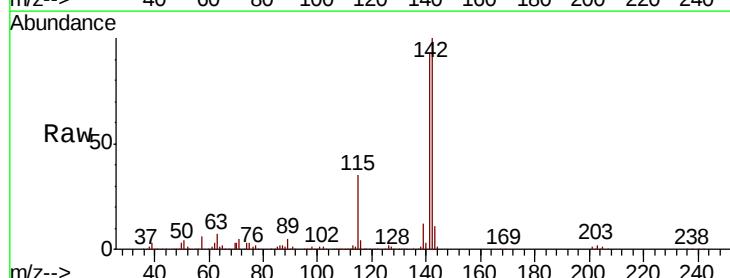
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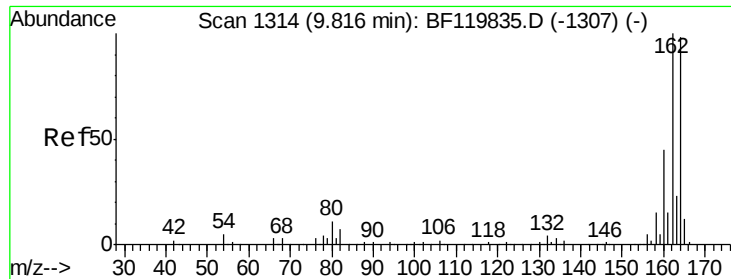
mohammad
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#38
1-Methylnaphthalene
Concen: 42.592 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.7	110.5
116	3.6	3.0	4.6





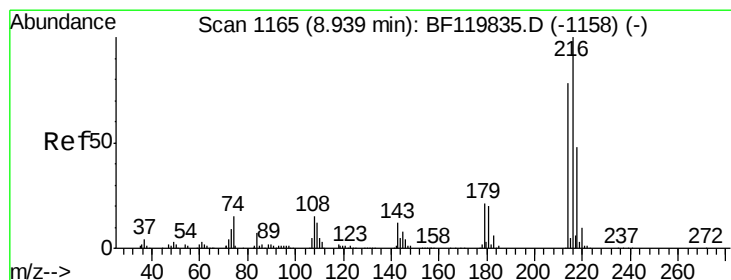
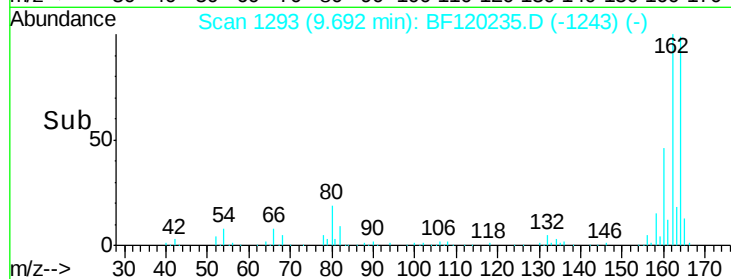
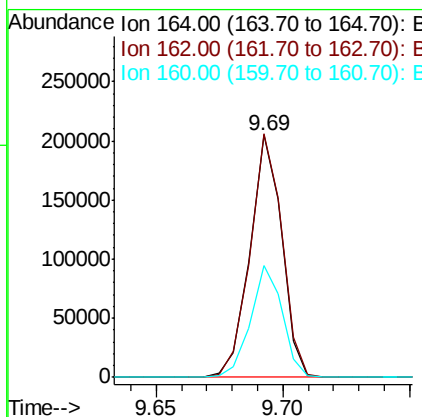
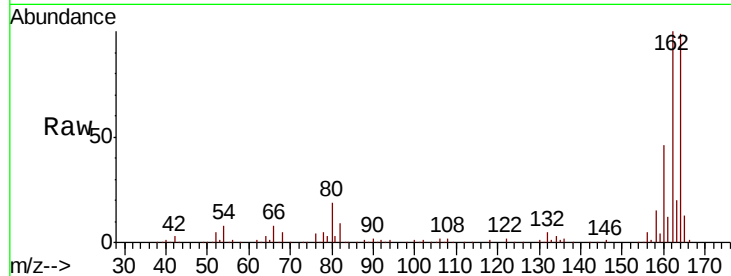
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	121.0
160	46.3	35.7	53.5

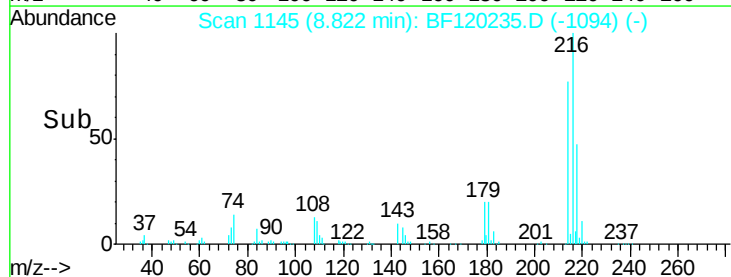
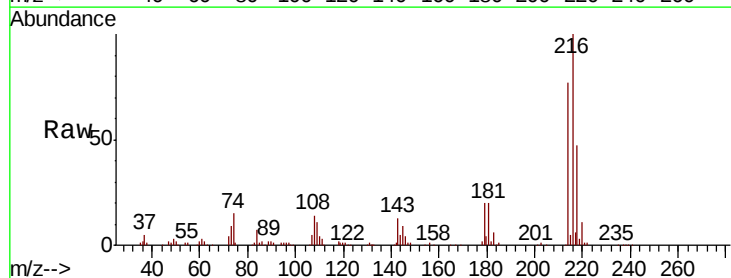
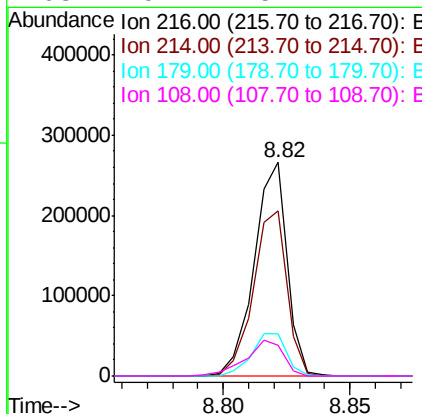
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.559 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	21.1	17.1	25.7
108	19.1	15.1	22.7





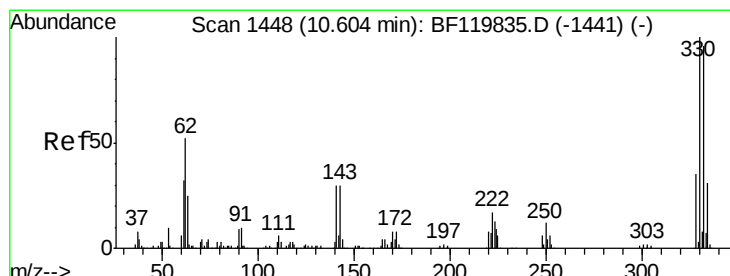
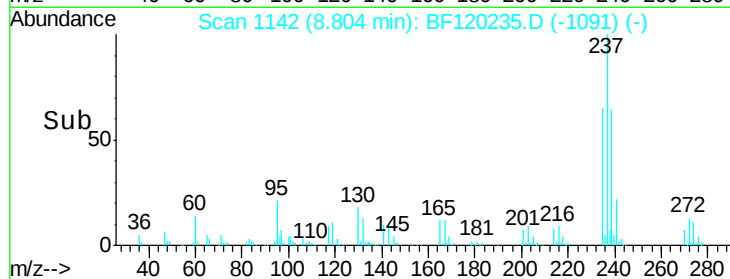
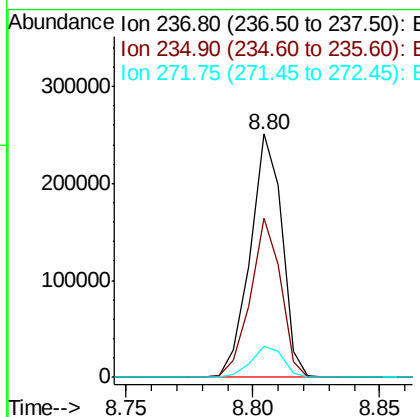
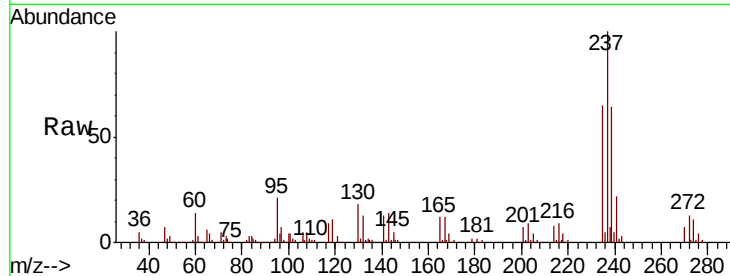
#41
Hexachlorocyclopentadiene
Concen: 68.186 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	219966		
235	65.2	43.2	83.2	
272	12.7	0.0	34.1	

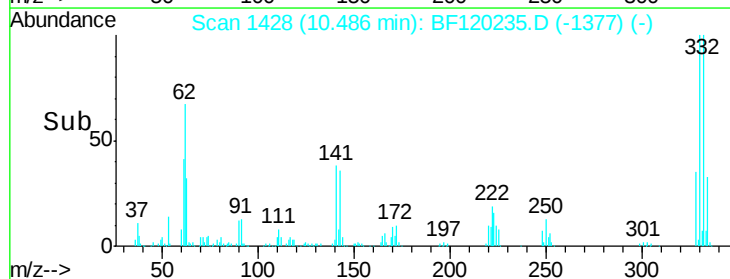
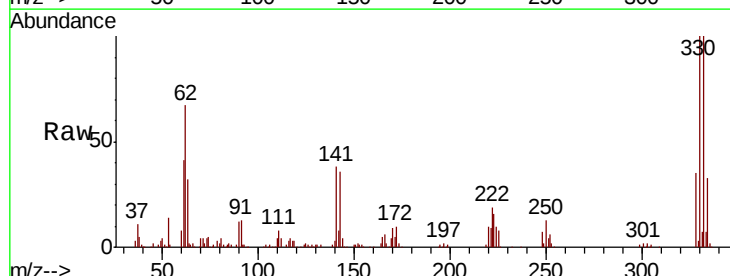
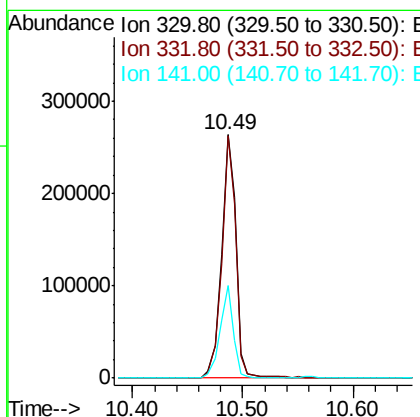
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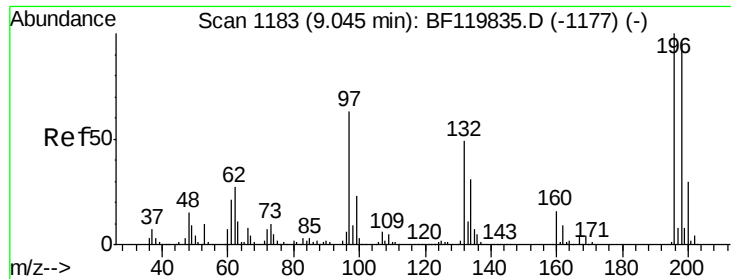
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#42
2,4,6-Tribromophenol
Concen: 109.936 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	241766		
332	95.9	75.7	113.5	
141	34.7	25.4	38.0	





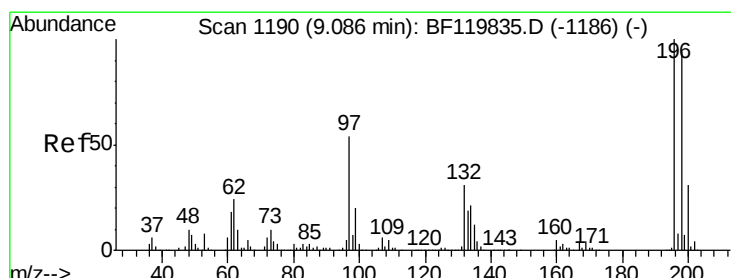
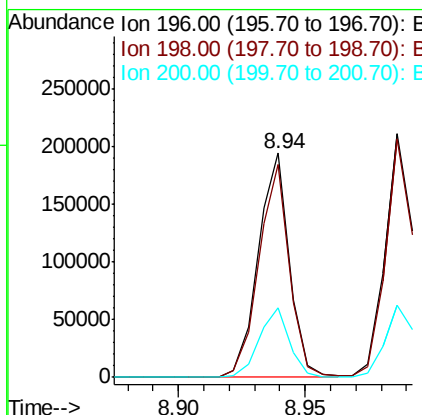
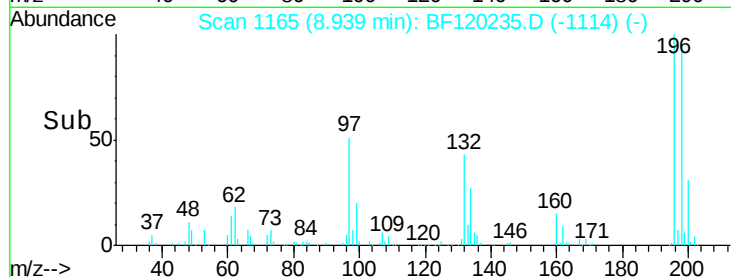
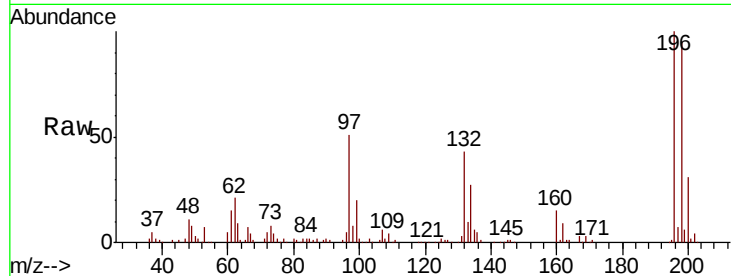
#43
 2,4,6-Trichlorophenol
 Concen: 42.606 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166910		
198	94.9	76.6	115.0	
200	31.0	24.6	36.8	

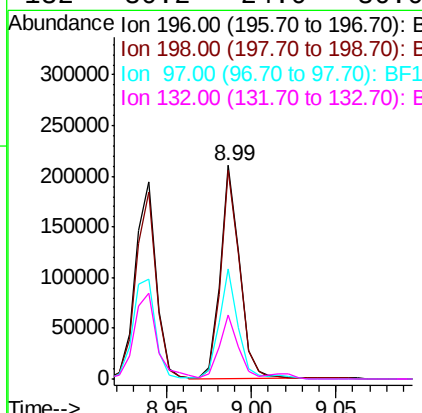
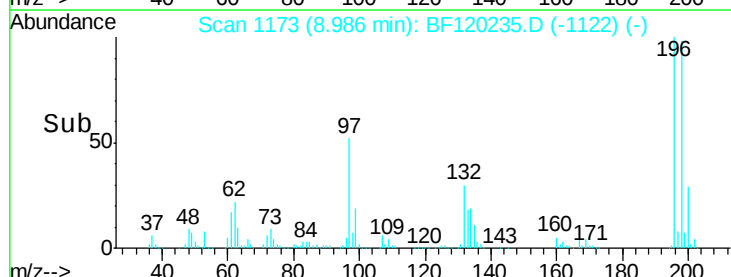
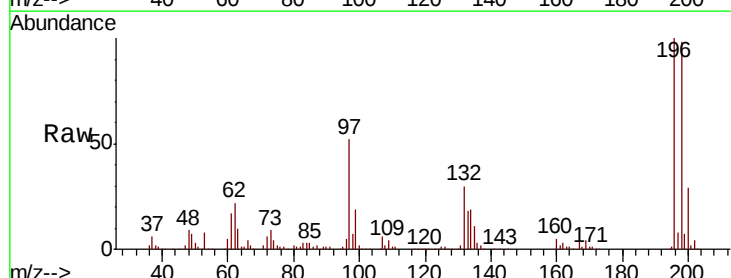
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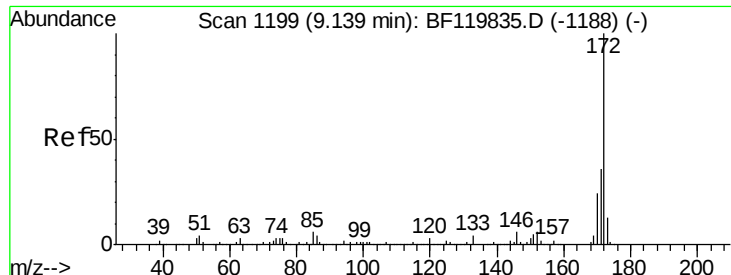
mohammad
 5/4/2020 8:18:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.455 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169678		
198	97.7	73.8	110.8	
97	51.5	42.6	63.8	
132	30.2	24.0	36.0	





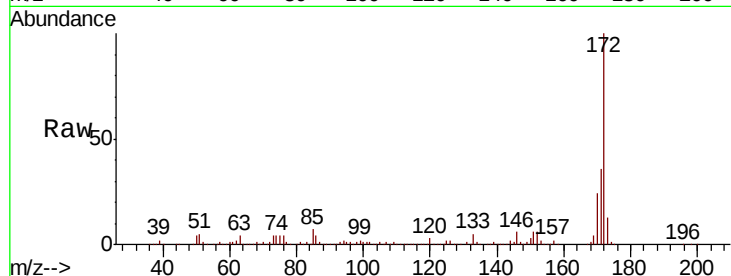
#45
2-Fluorobiphenyl
Concen: 86.364 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampled :
PB128568BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.2	20.2	30.2

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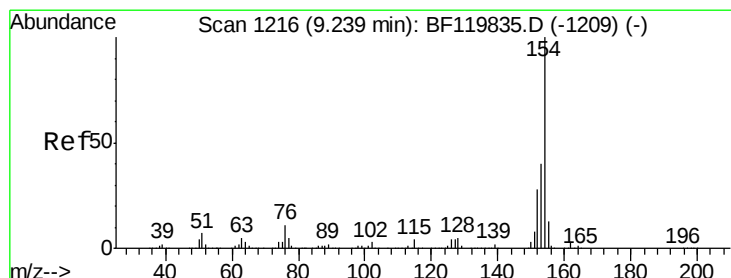
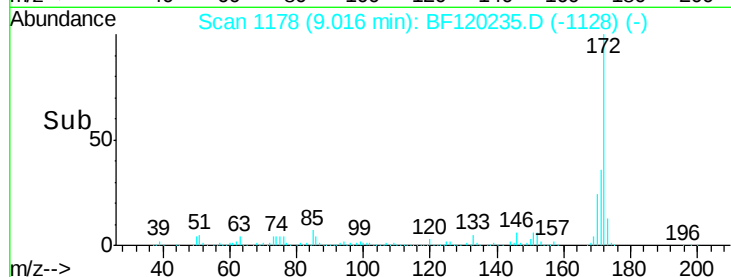
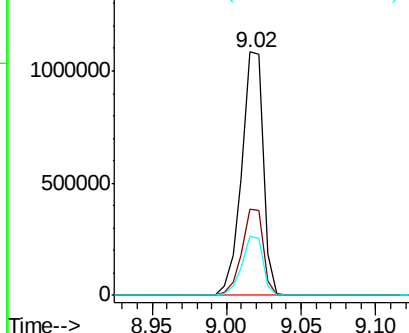


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.367 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

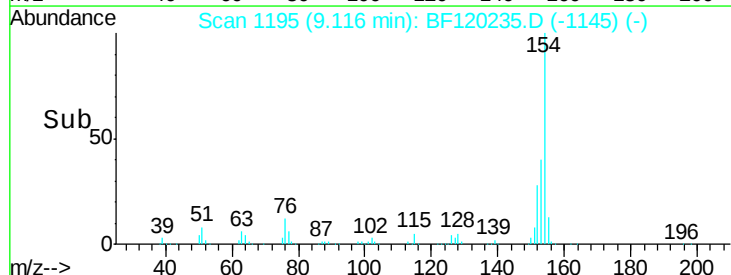
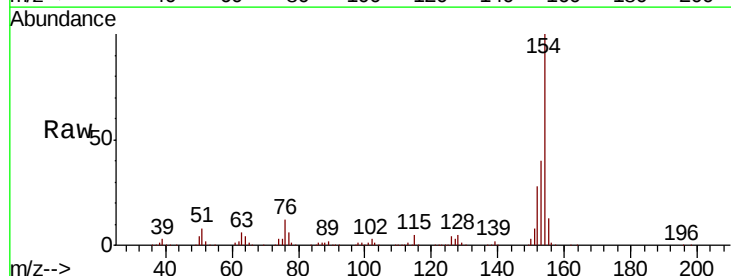
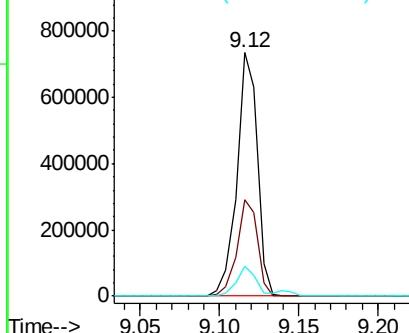
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.4	61.4
76	12.4	0.0	33.0

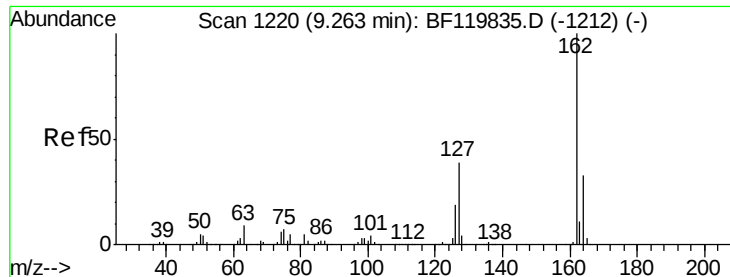
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





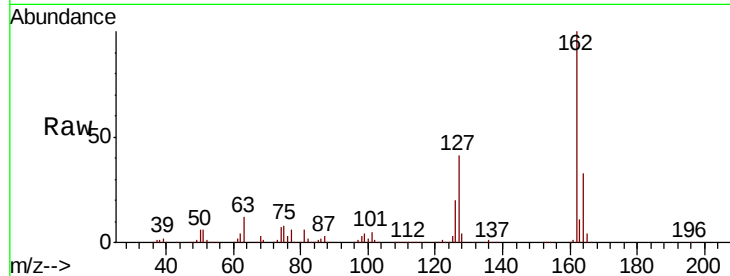
#47
2-Chloronaphthalene
Concen: 43.634 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

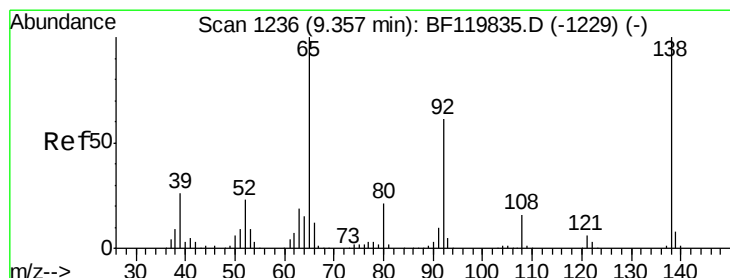
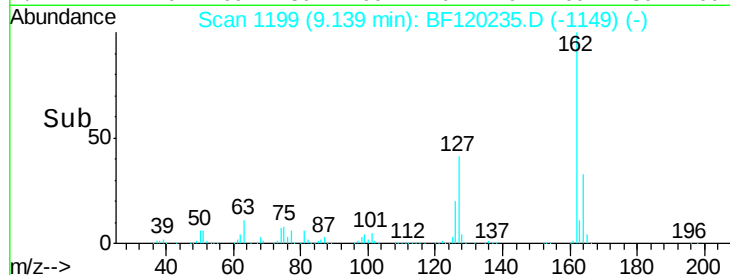
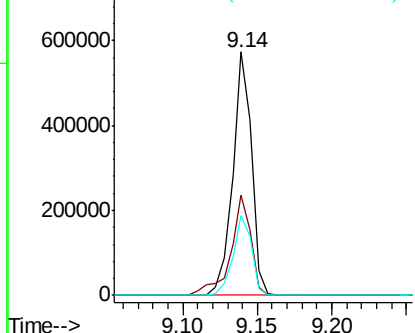
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.0	33.7	50.5		
164	32.8	26.3	39.5		

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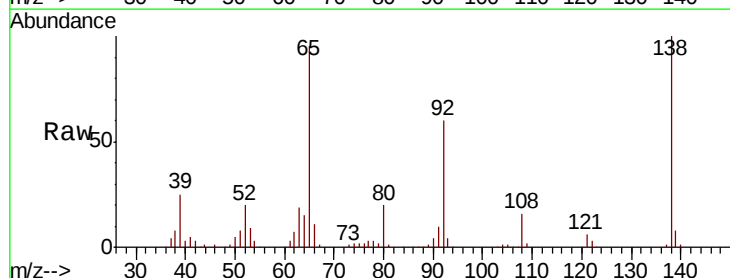


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

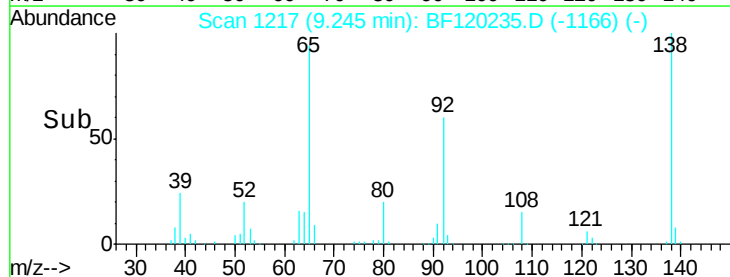
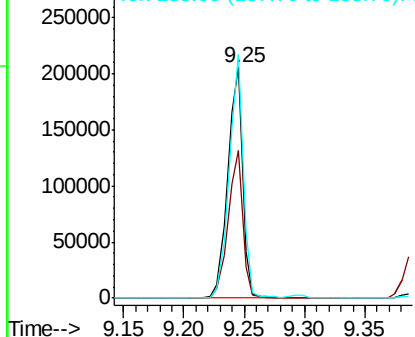


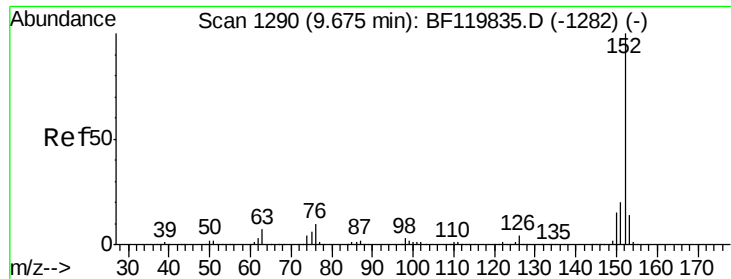
#48
2-Nitroaniline
Concen: 41.755 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	63.9	50.0	75.0		
138	105.7	75.0	112.4		



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: 45.460 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

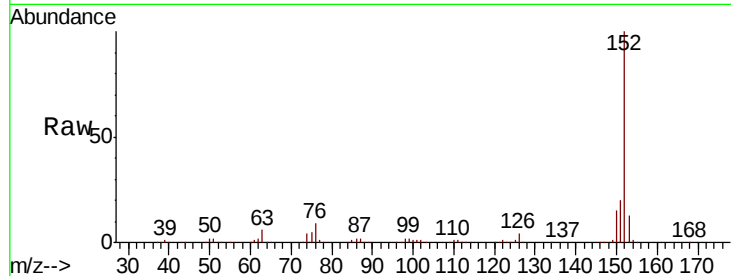
ClientSampleId :

PB128568BS

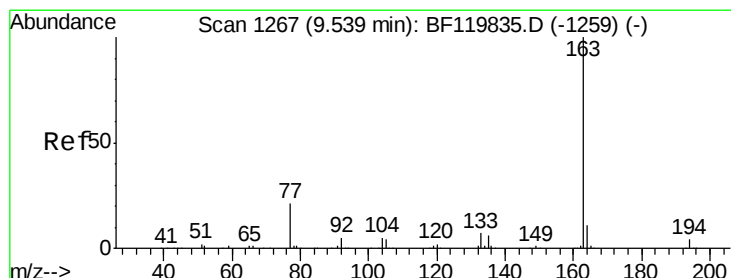
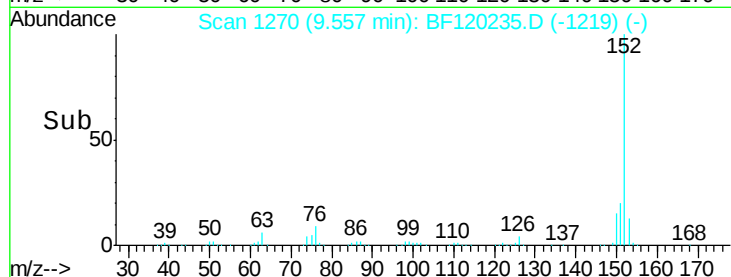
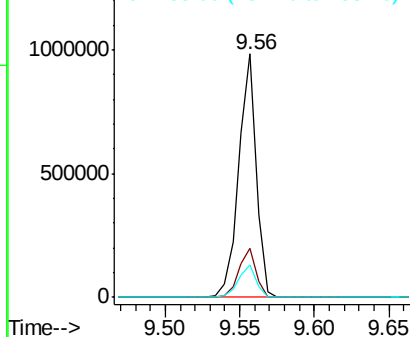
Tot Ion:	152	Resp:	807450
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.2	25.8
153	13.2	11.2	16.8

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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: 42.700 ng

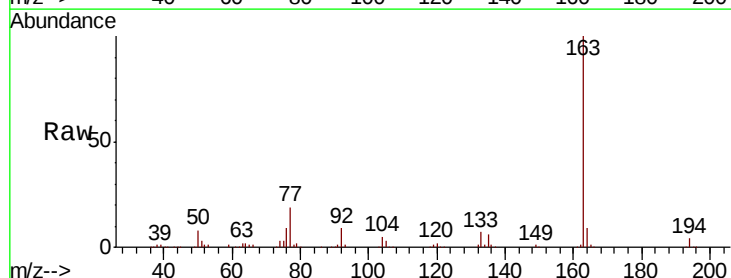
RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

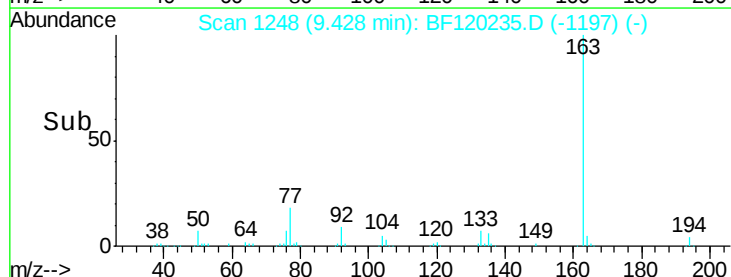
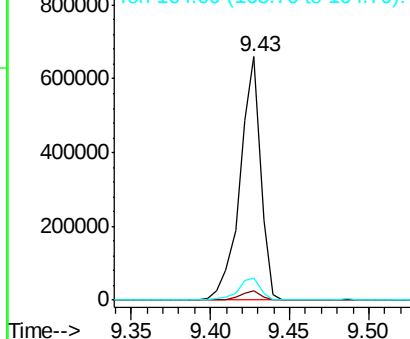
Lab File: BF120235.D

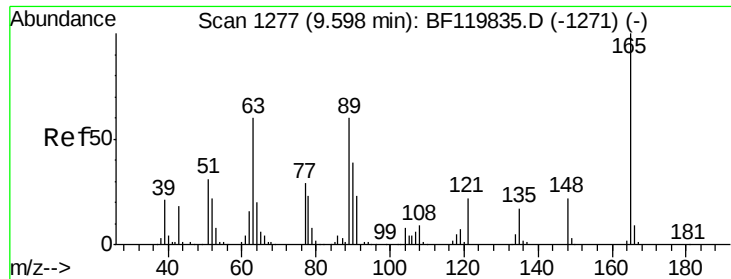
Acq: 30 Apr 2020 13:02

Tgt Ion:	163	Resp:	593245
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.4	8.2	12.2



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





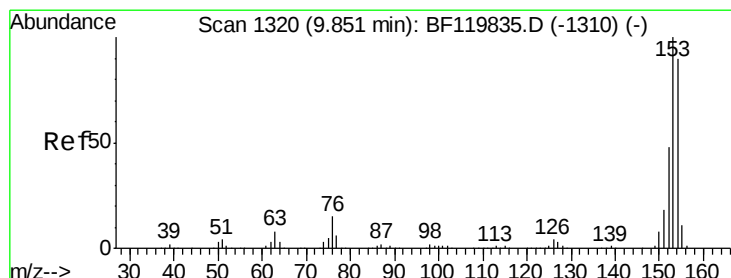
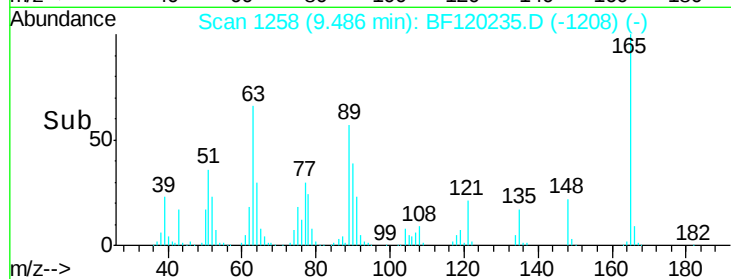
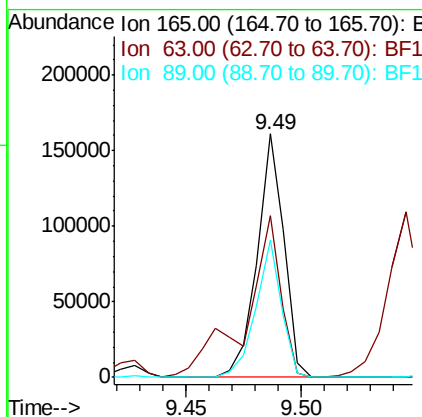
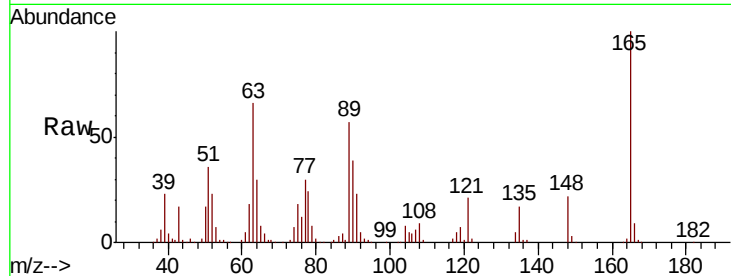
#51
2,6-Dinitrotoluene
Concen: 42.784 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	45.0	67.4	
89	56.6	41.5	62.3	

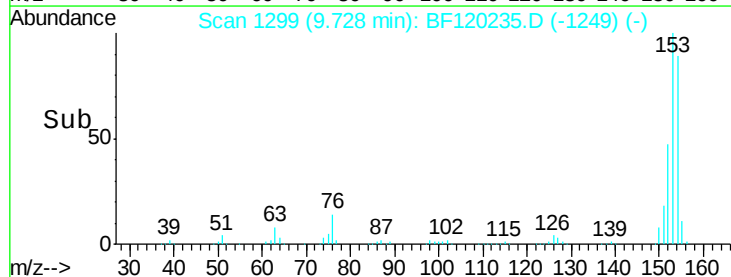
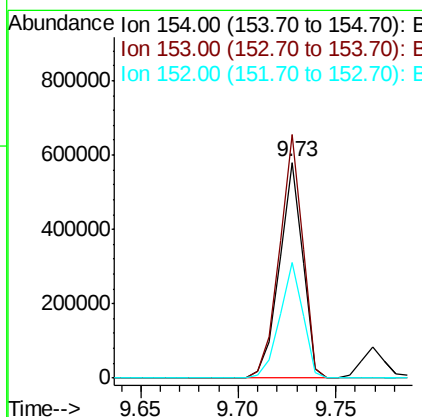
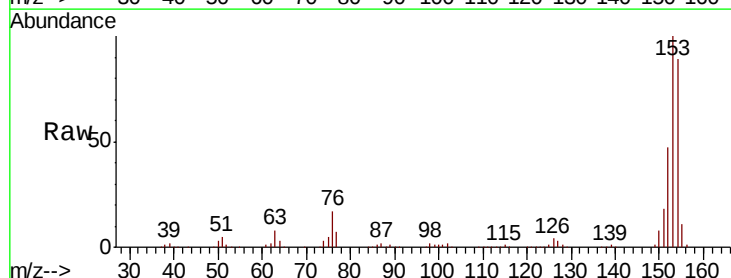
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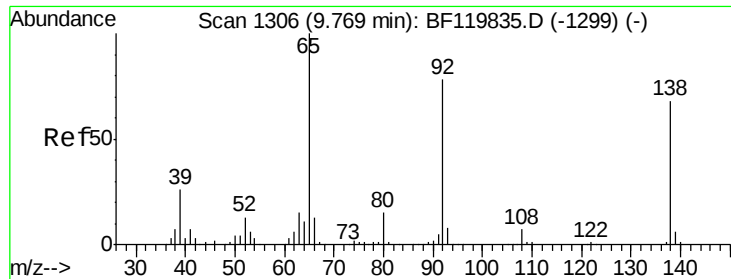
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#52
Acenaphthene
Concen: 40.557 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.8	88.1	132.1	
152	53.4	43.0	64.4	





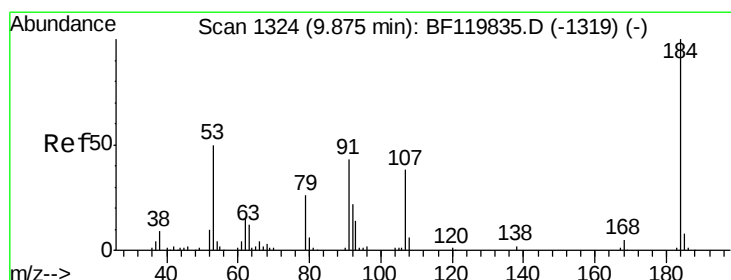
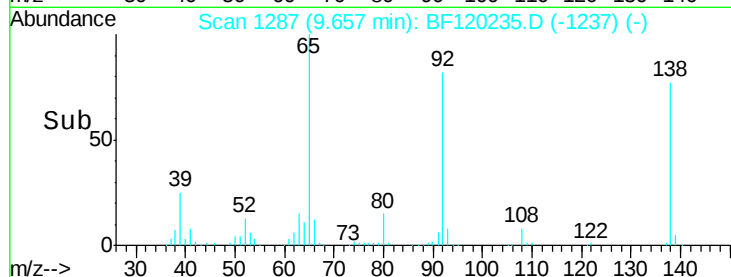
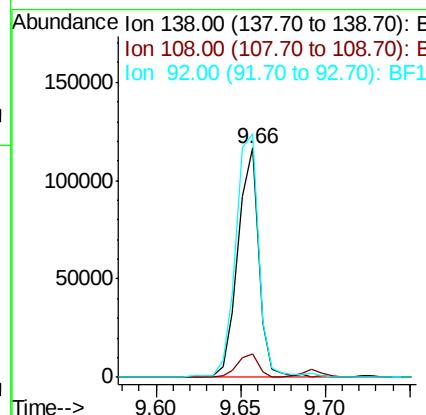
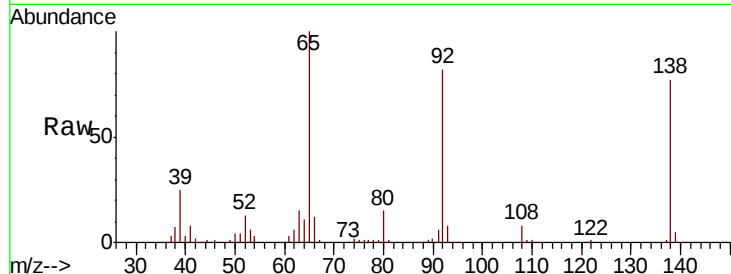
#53
3-Nitroaniline
Concen: 29.059 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	106.3	95.4	143.0

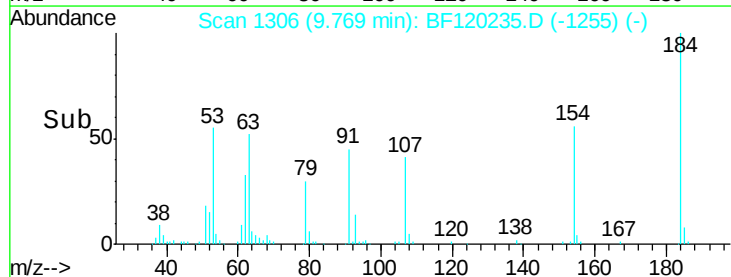
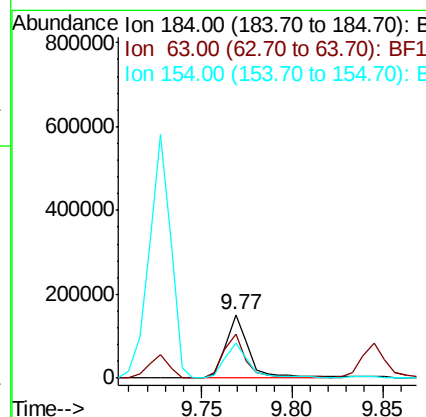
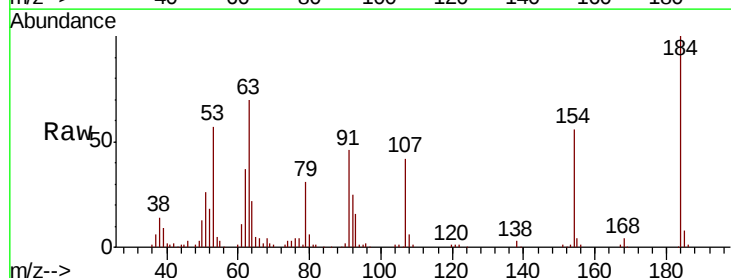
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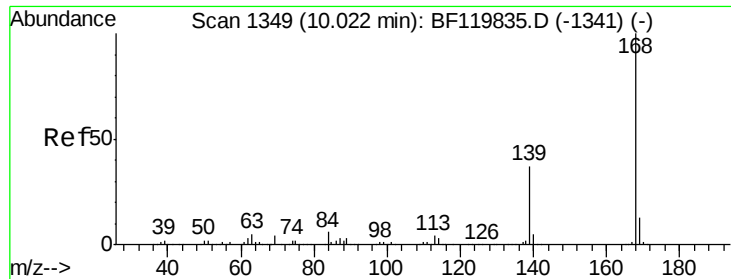
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#54
2,4-Dinitrophenol
Concen: 74.084 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.7	50.2	75.4
154	56.1	44.5	66.7





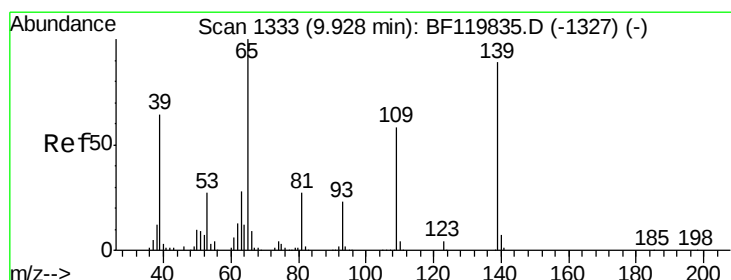
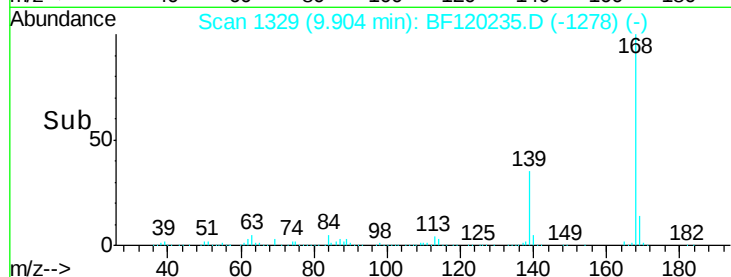
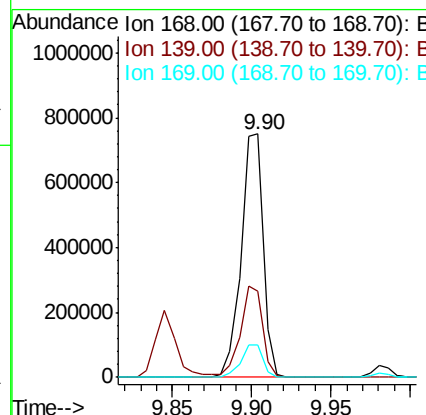
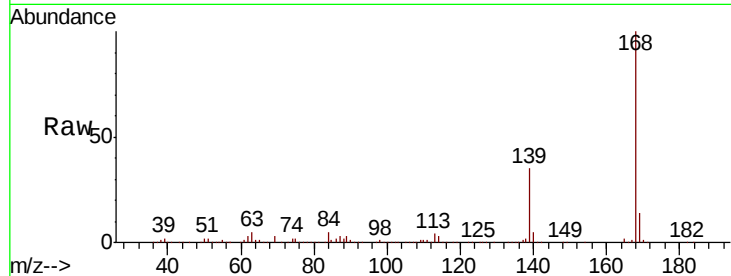
#55
Dibenzofuran
Concen: 44.568 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.1	45.1
169	13.6	11.0	16.6

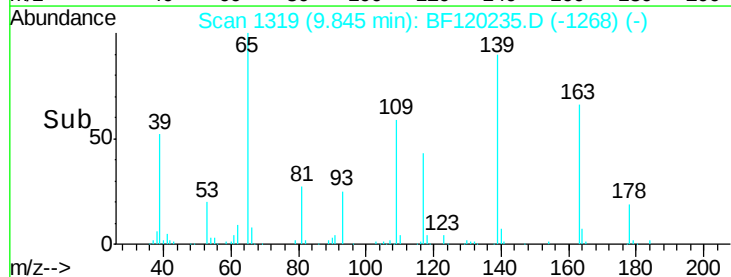
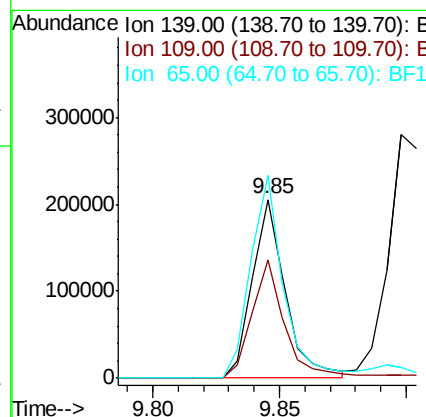
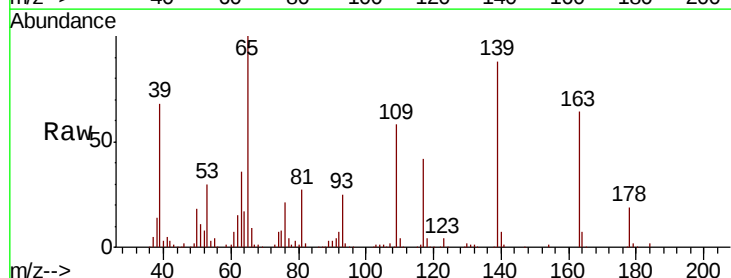
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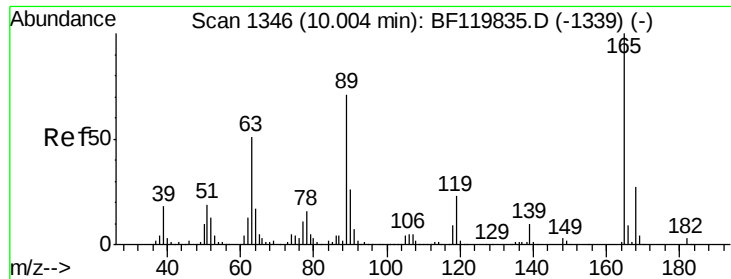
mohammad
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#56
4-Nitrophenol
Concen: 72.310 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	43.3	83.3
65	113.2	91.0	131.0





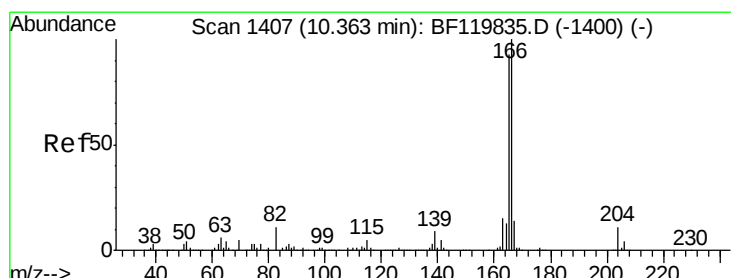
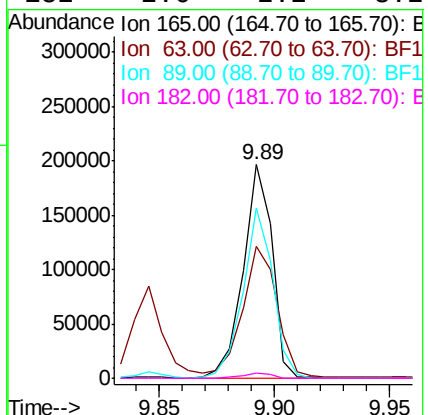
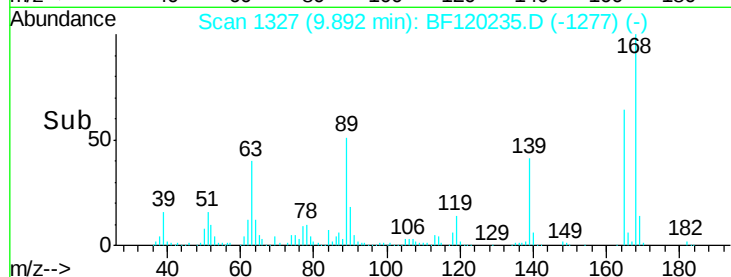
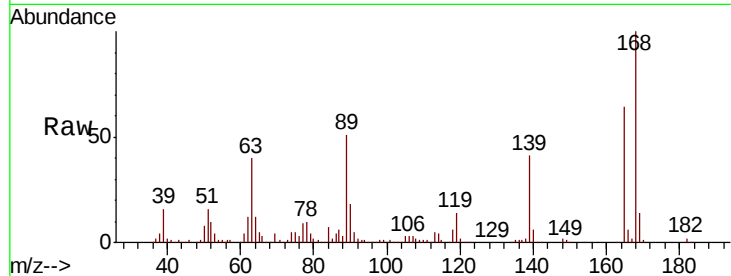
#57
2,4-Dinitrotoluene
Concen: 43.140 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		172921		
63	61.8	42.6	64.0		
89	80.0	61.0	91.4		
182	2.6	2.2	3.2		

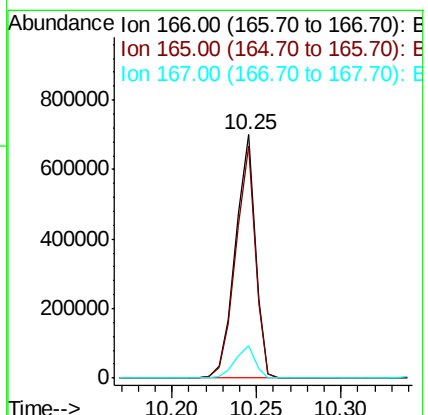
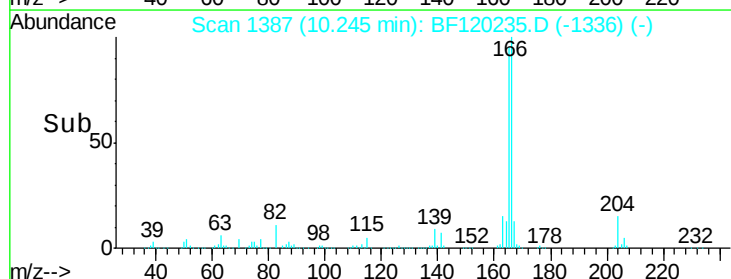
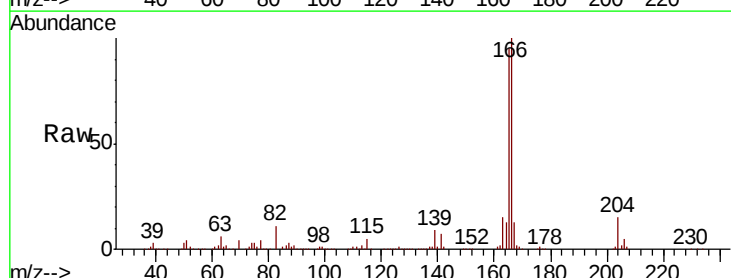
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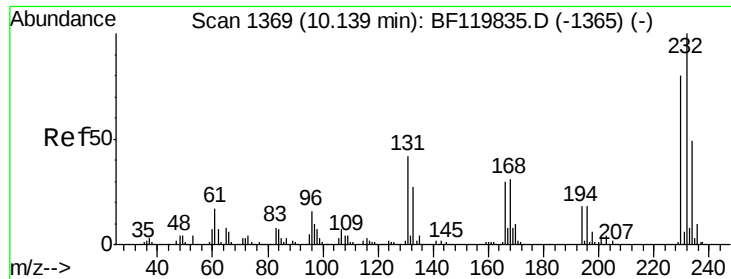
mohammad
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#58
Fluorene
Concen: 44.149 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		574064		
165	95.2	75.4	113.2		
167	13.1	11.2	16.8		





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.870 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion:232 Resp: 148044

Ion Ratio Lower Upper

232 100

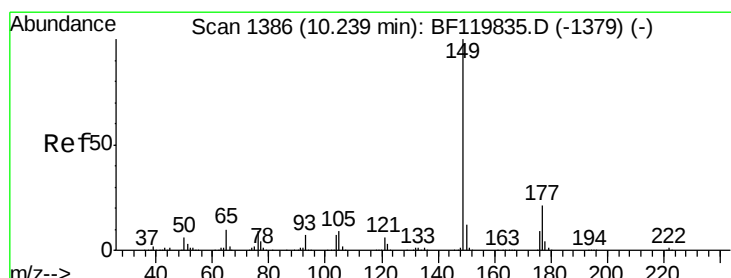
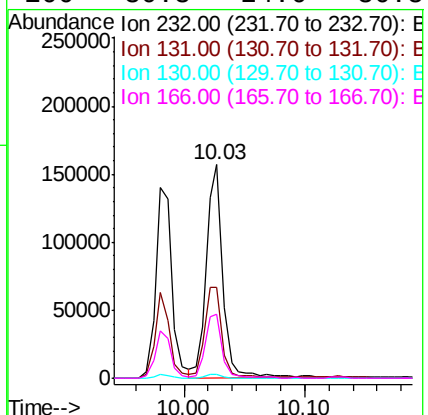
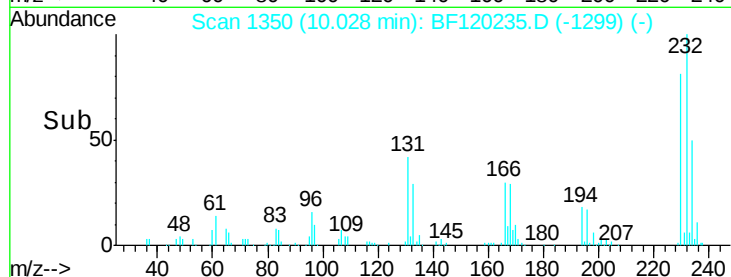
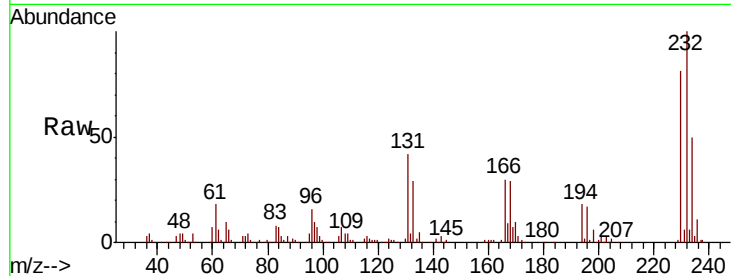
131 46.5 37.5 56.3

130 1.9 1.8 2.6

166 30.3 24.6 36.8

Manual Integrations
APPROVED

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5/4/2020 8:18:48 AM



#60

Diethylphthalate

Concen: 43.150 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

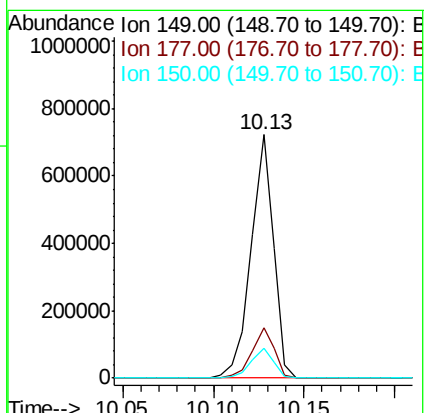
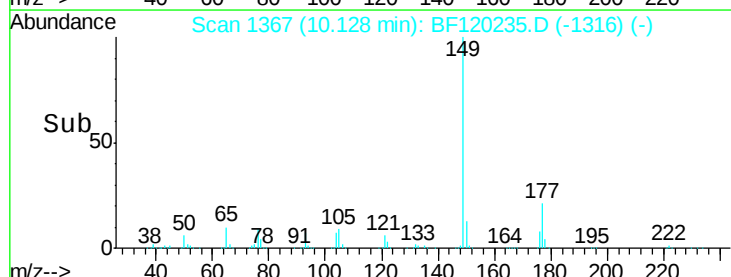
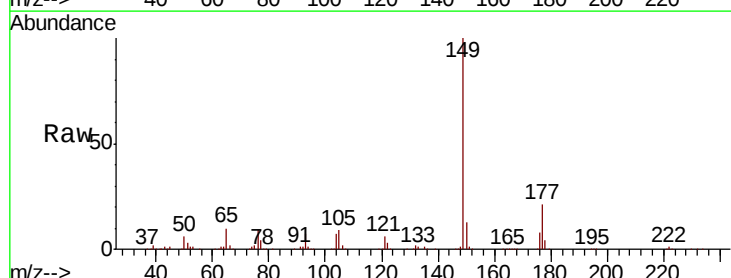
Tgt Ion:149 Resp: 621331

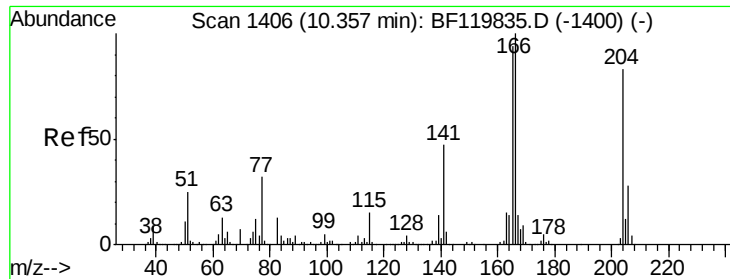
Ion Ratio Lower Upper

149 100

177 20.6 17.0 25.6

150 12.5 10.1 15.1





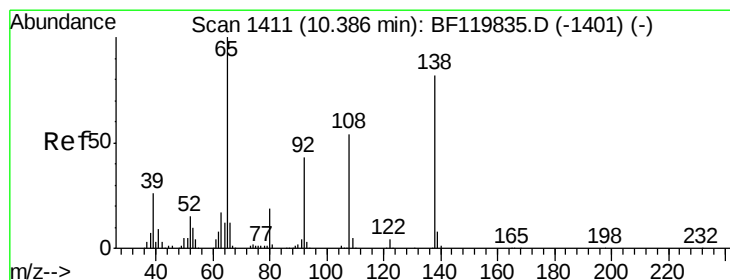
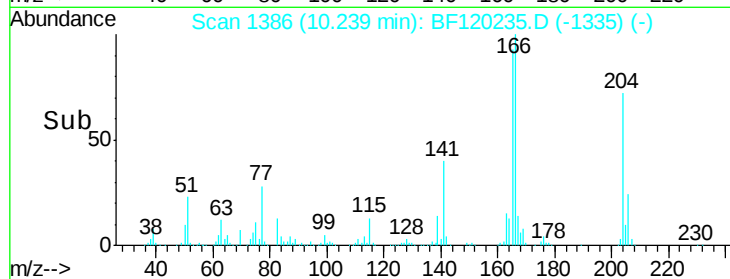
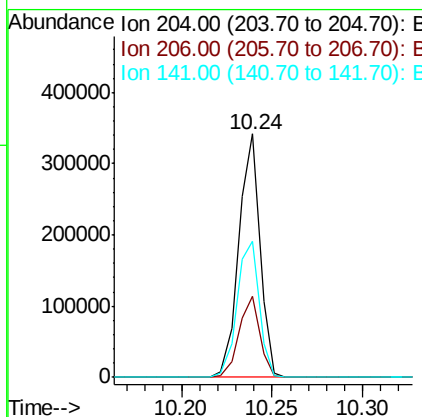
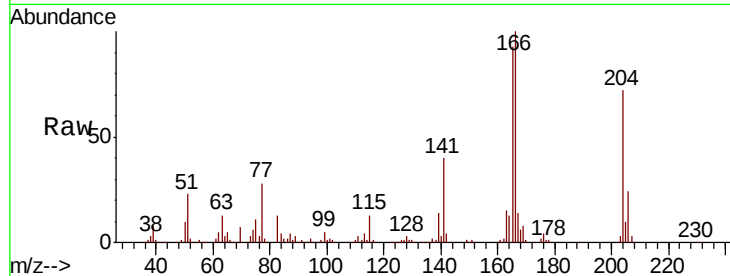
#61
 4-Chlorophenyl-phenylether
 Concen: 41.702 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion:	204	Resp:	277925
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.7	40.1
141	55.9	47.3	70.9

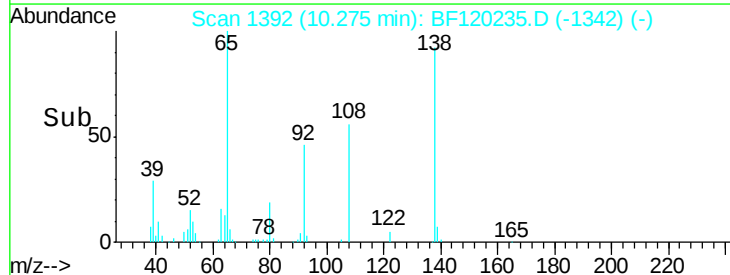
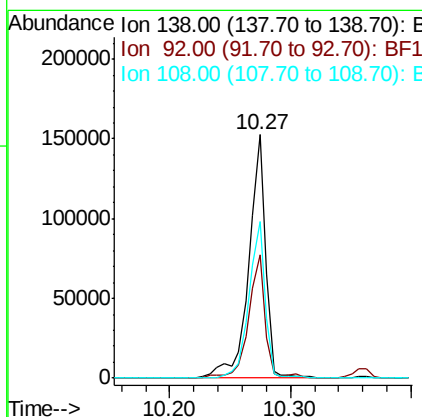
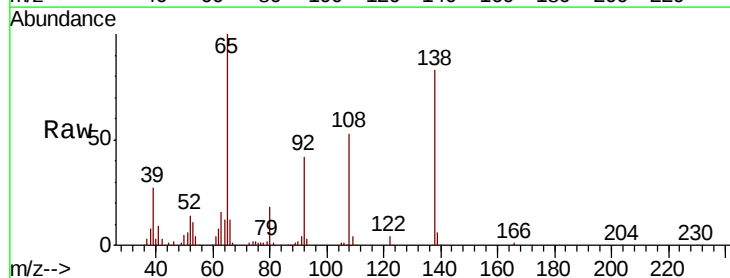
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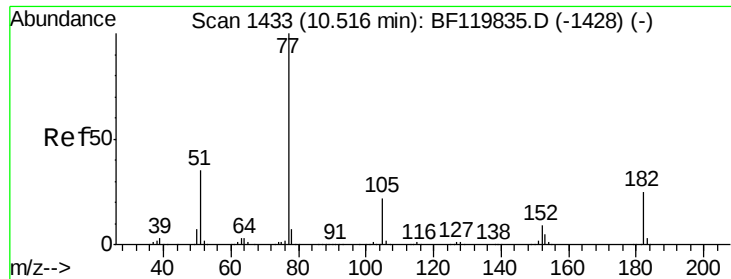
mohammad
 5/4/2020 8:18:48 AM



#62
 4-Nitroaniline
 Concen: 45.067 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:	138	Resp:	149235
Ion Ratio	Lower	Upper	
138	100		
92	50.6	31.5	71.5
108	64.1	45.8	85.8





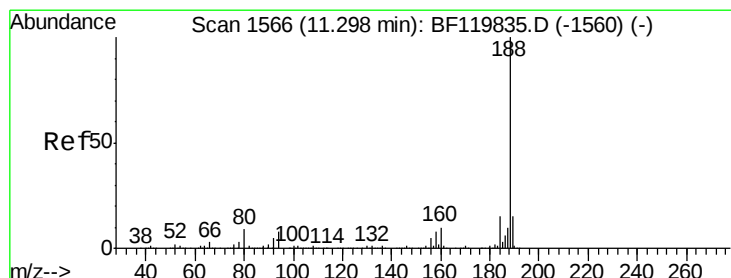
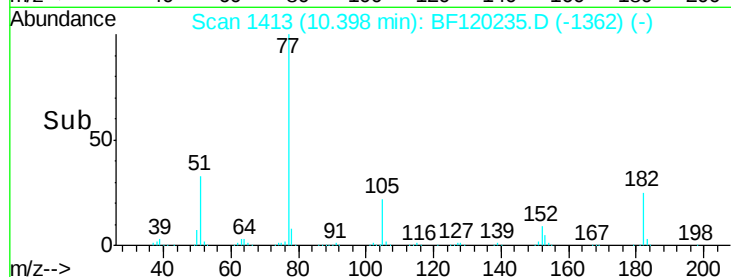
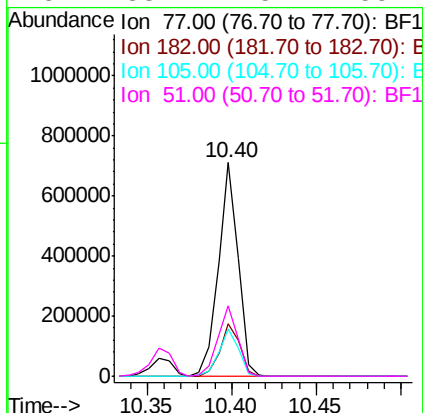
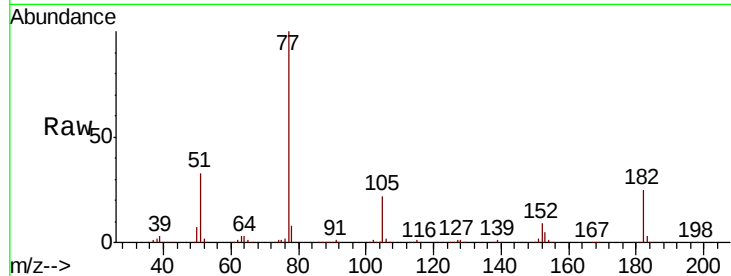
#63
Azobenzene
Concen: 44.898 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	4.4	44.4	
105	22.1	2.6	42.6	
51	33.2	15.1	55.1	

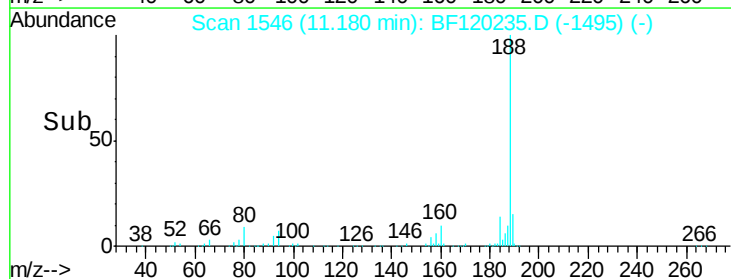
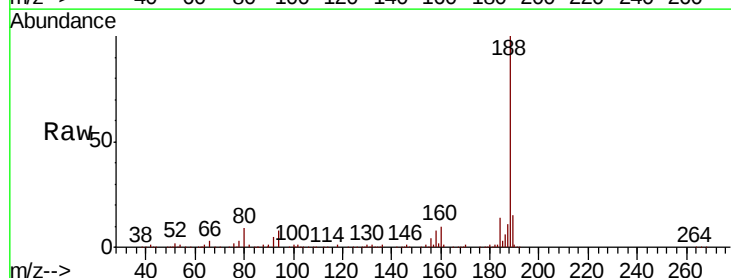
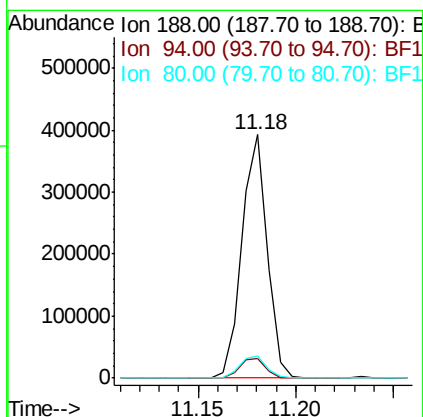
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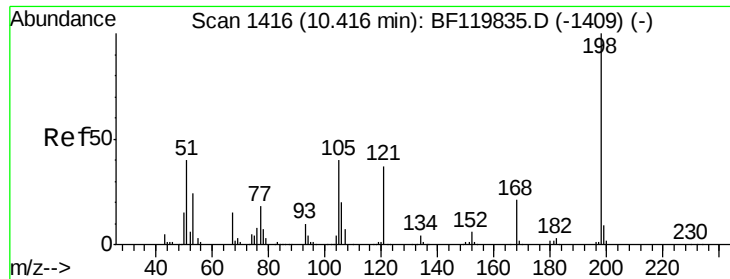
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.5	11.3	
80	9.2	9.0	13.4	





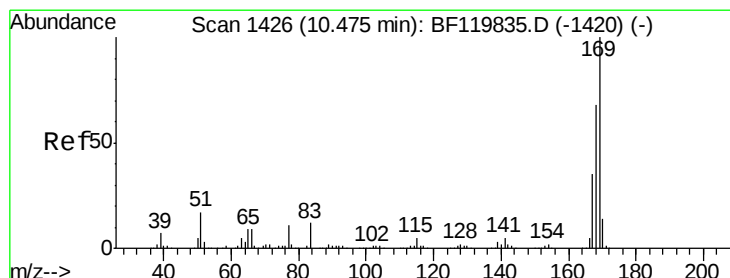
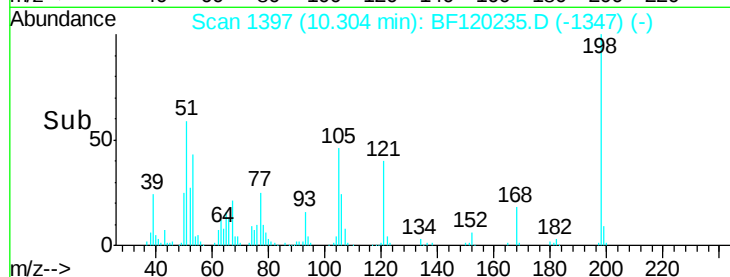
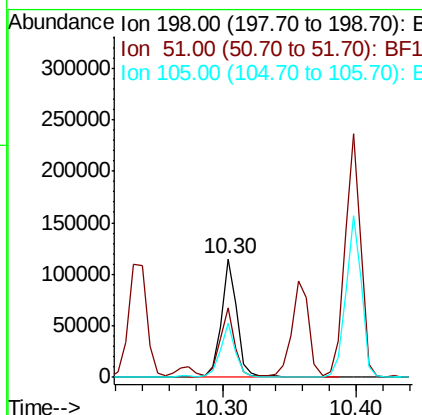
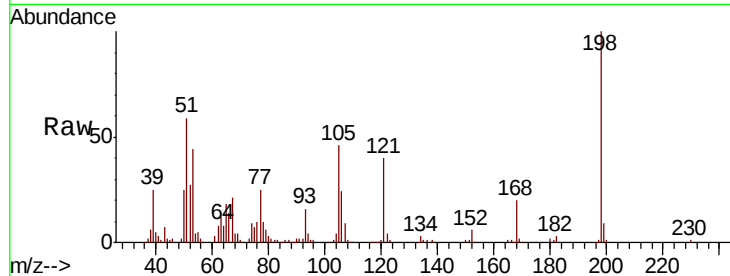
#65
4,6-Dinitro-2-methylphenol
Concen: 41.838 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.7	29.0	69.0
105	45.9	22.2	62.2

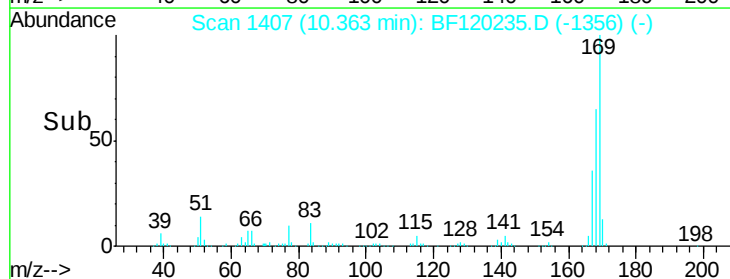
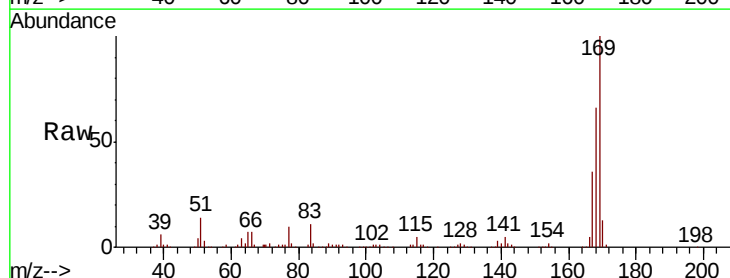
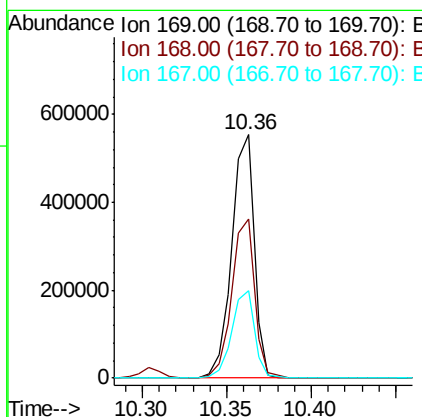
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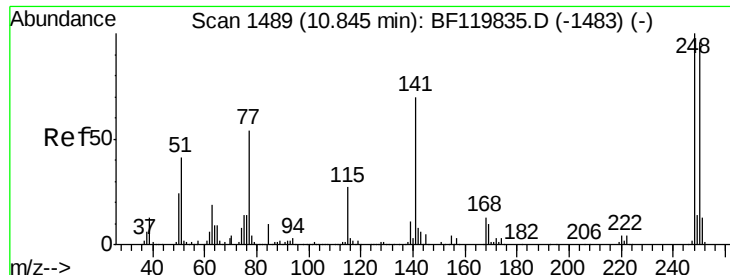
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.586 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.9	29.1	43.7





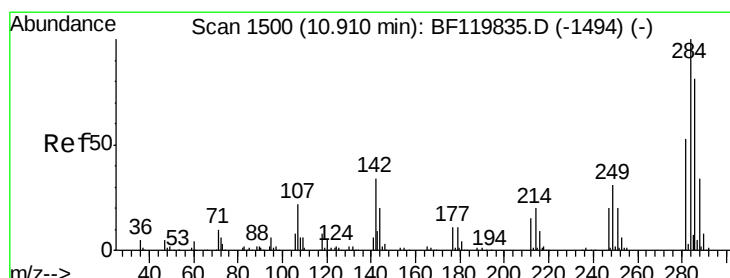
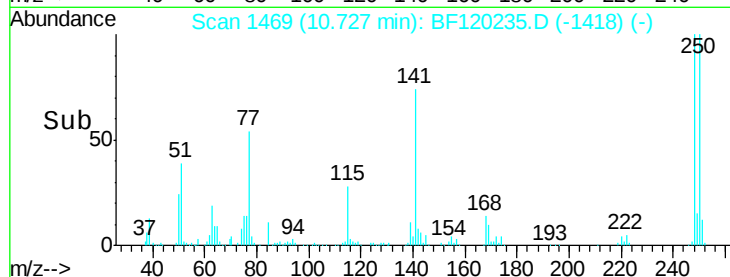
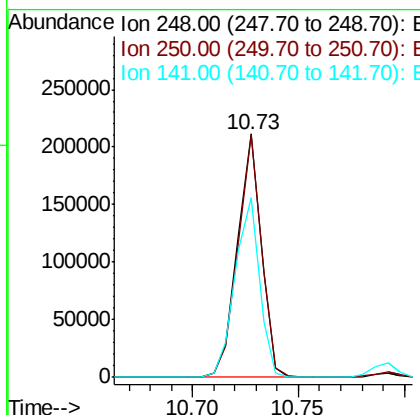
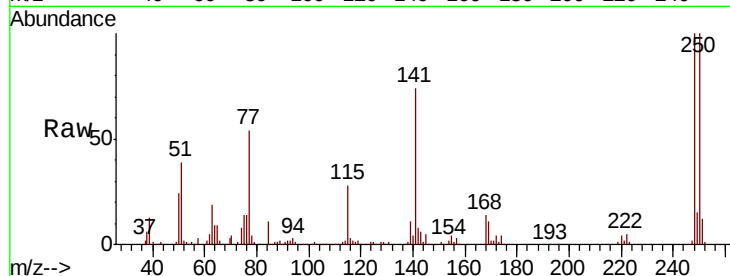
#67
 4-Bromophenyl-phenylether
 Concen: 37.770 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.3	115.9
141	73.5	58.6	87.8

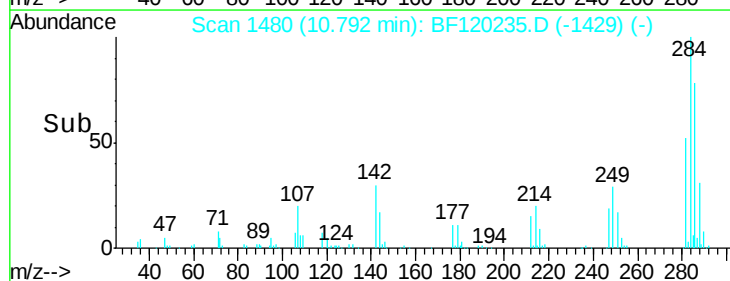
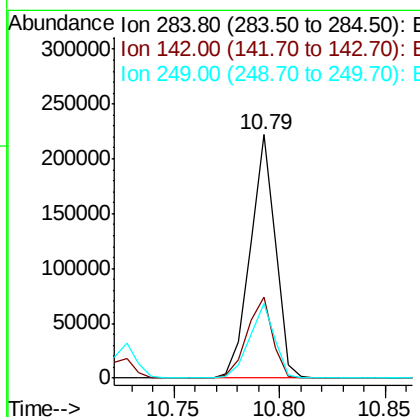
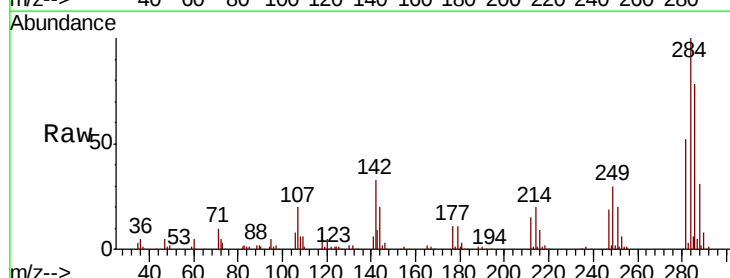
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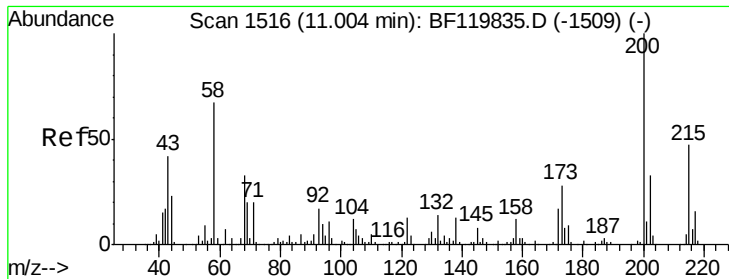
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.482 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	29.2	43.8
249	30.4	25.1	37.7





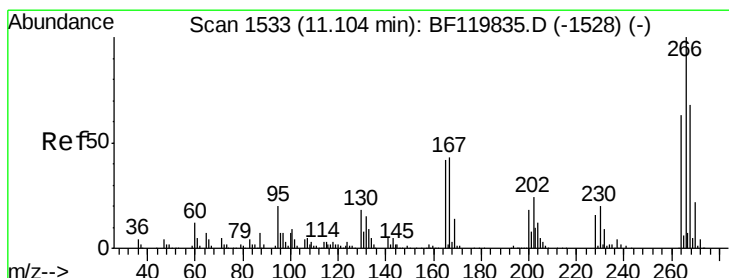
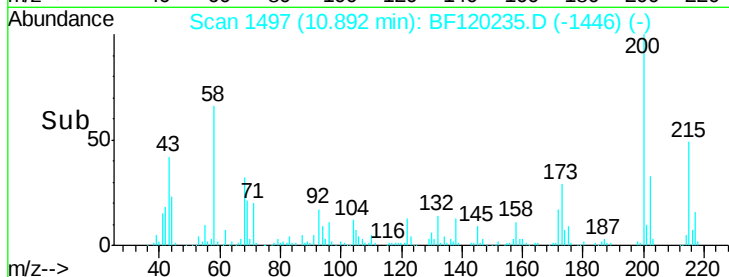
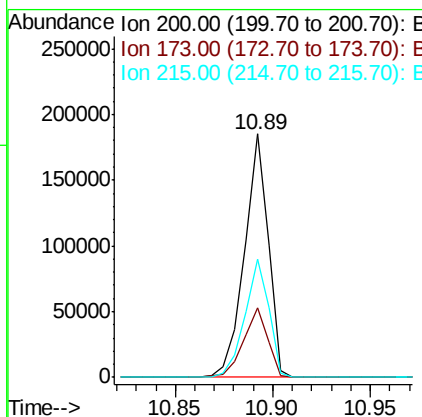
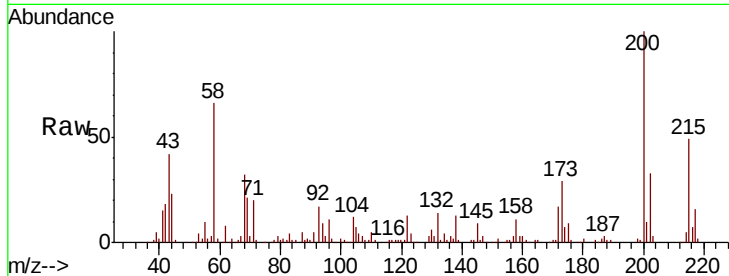
#69
Atrazine
Concen: 47.961 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	9.3	49.3
215	48.5	29.5	69.5

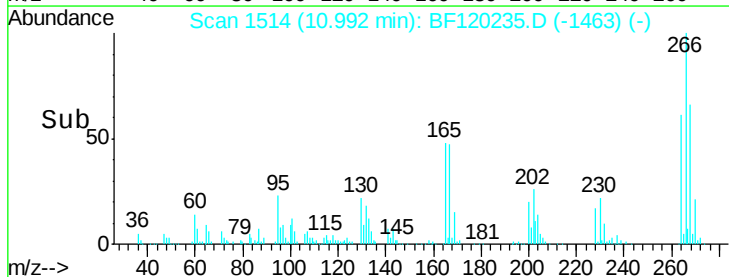
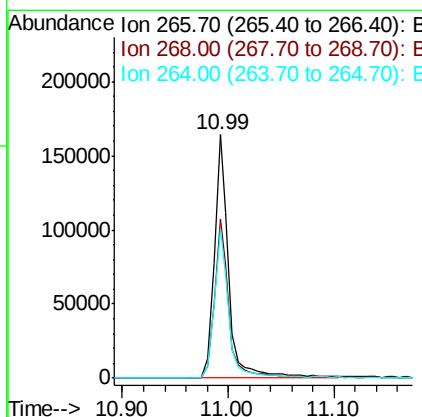
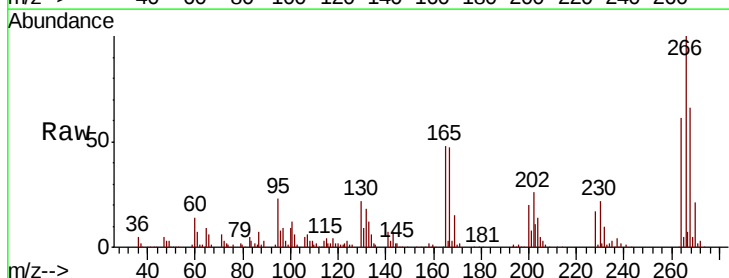
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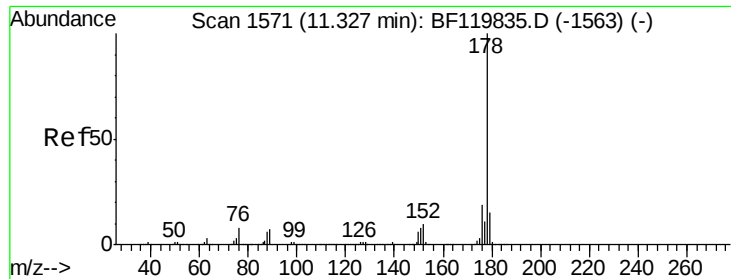
mohammad
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#70
Pentachlorophenol
Concen: 62.143 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.6	53.3	79.9
264	61.1	49.0	73.4





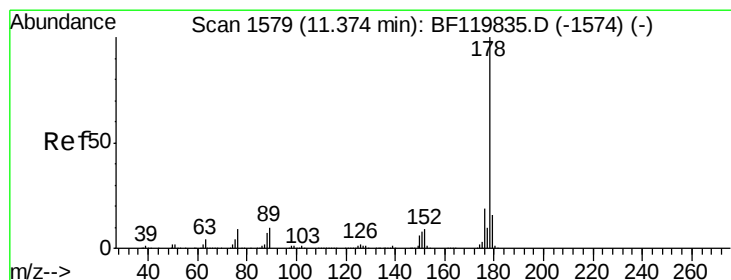
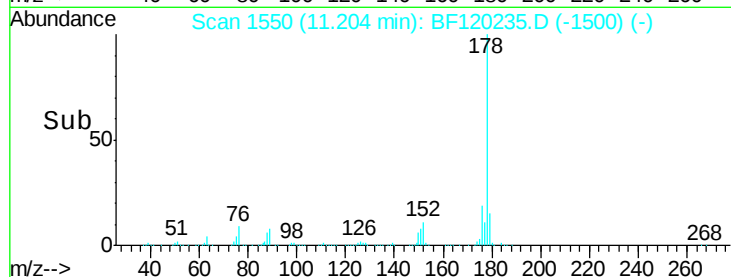
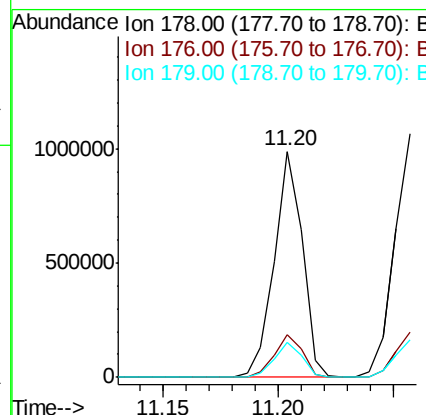
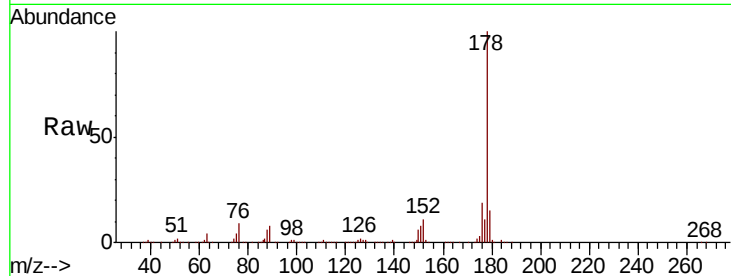
#71
Phenanthrene
Concen: 44.739 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampled :
PB128568BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.5	13.2	19.8

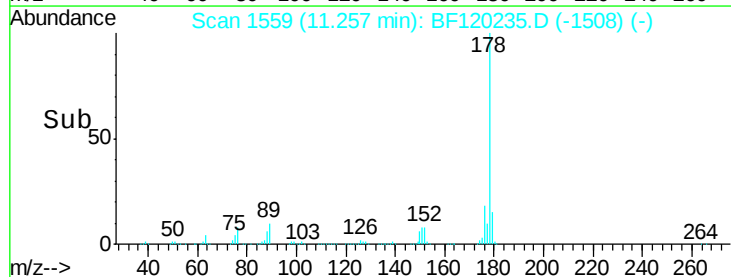
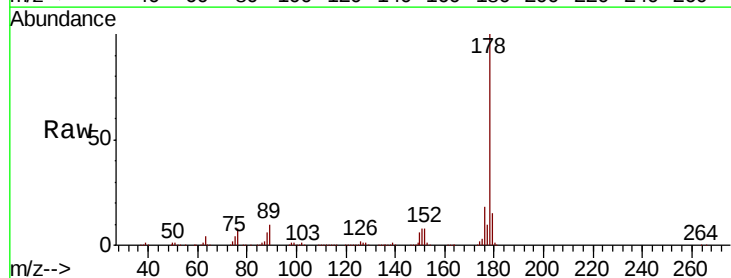
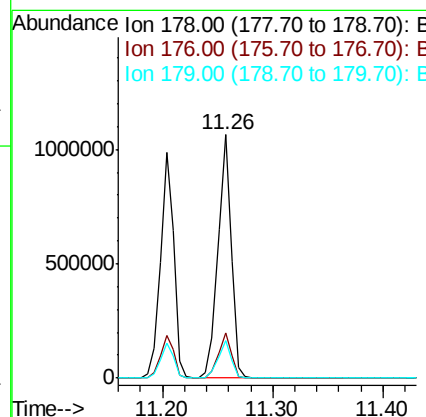
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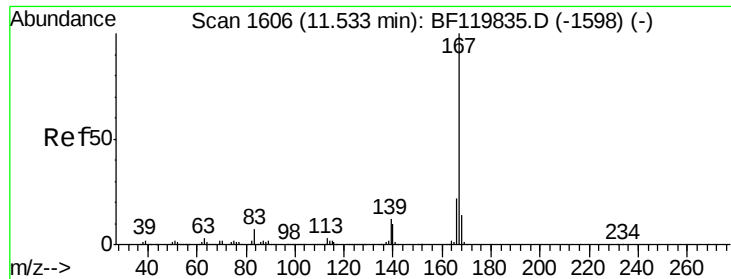
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#72
Anthracene
Concen: 45.948 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.3	13.0	19.4





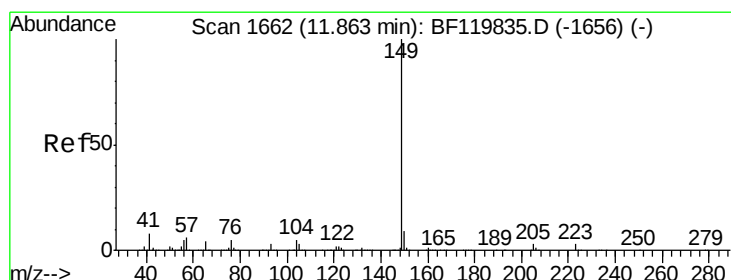
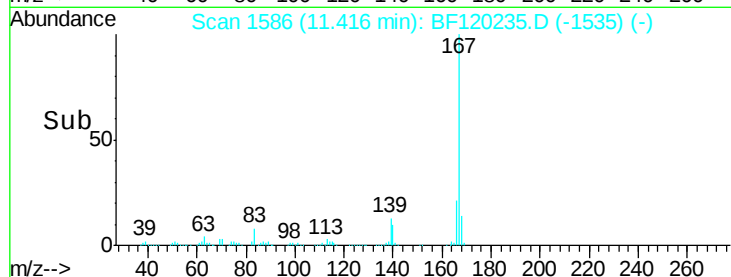
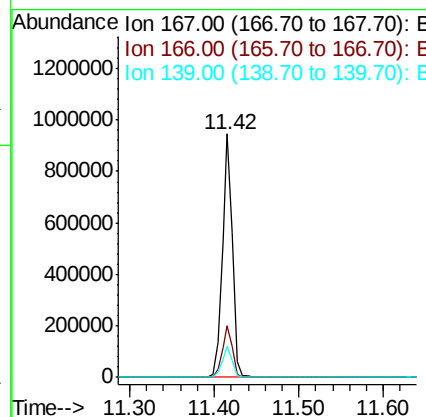
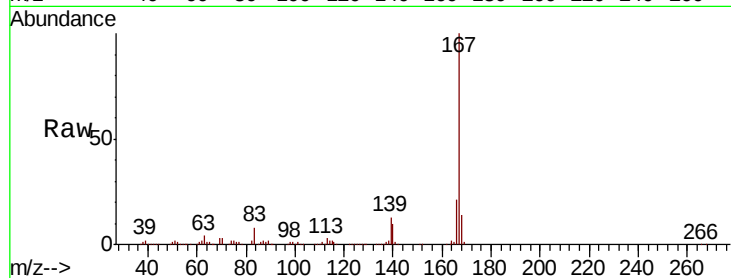
#73
 Carbazole
 Concen: 44.540 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	12.8	10.7	16.1

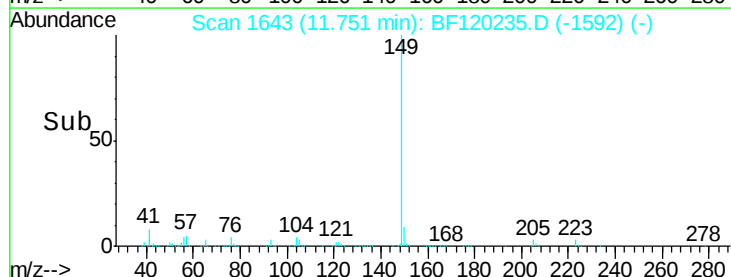
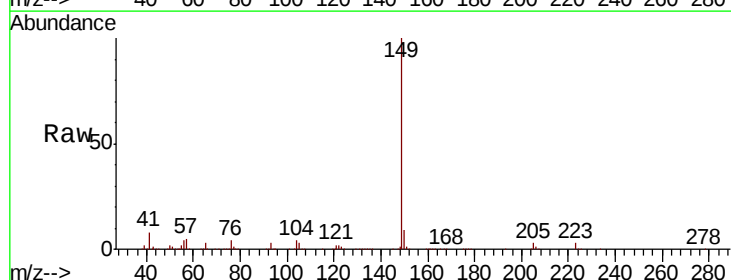
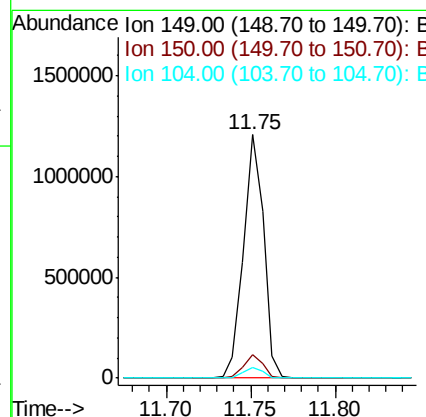
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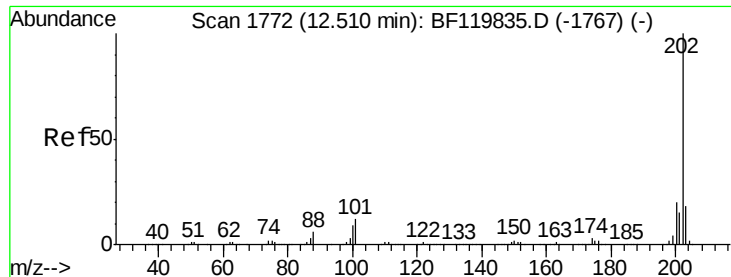
mohammad
 5/4/2020 8:18:48 AM



#74
 Di-n-butylphthalate
 Concen: 42.053 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.4	3.6	5.4





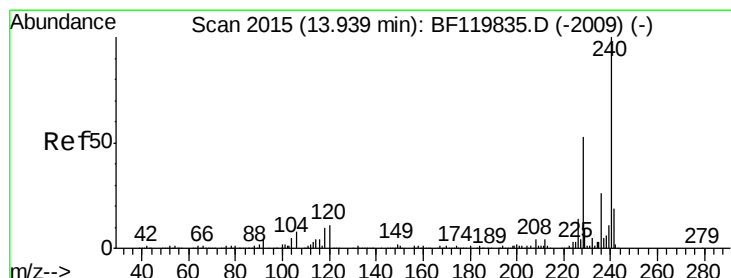
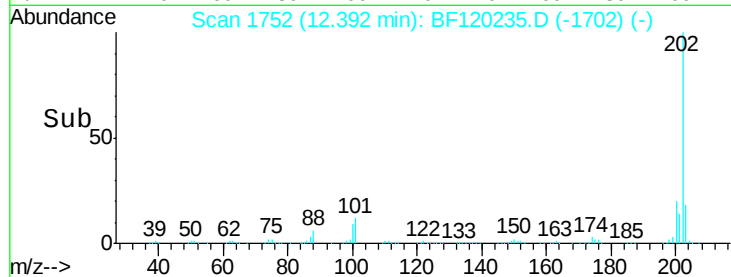
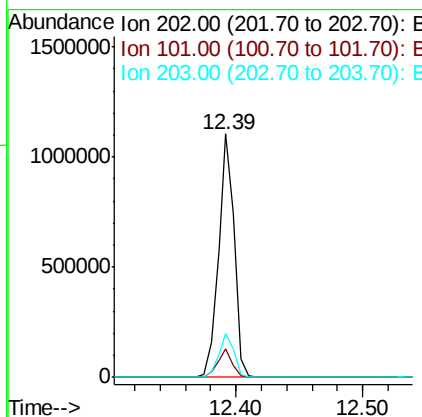
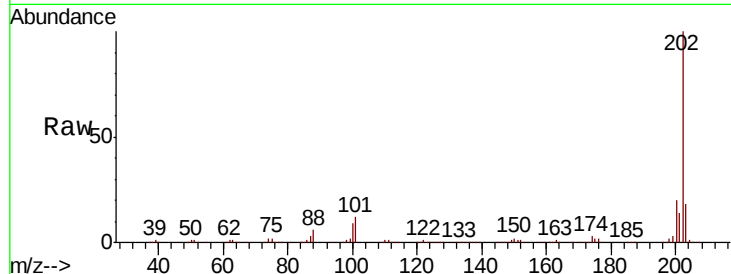
#75
 Fluoranthene
 Concen: 47.358 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB128568BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	957135		
101	11.6	0.0	32.2	
203	17.9	0.0	38.8	

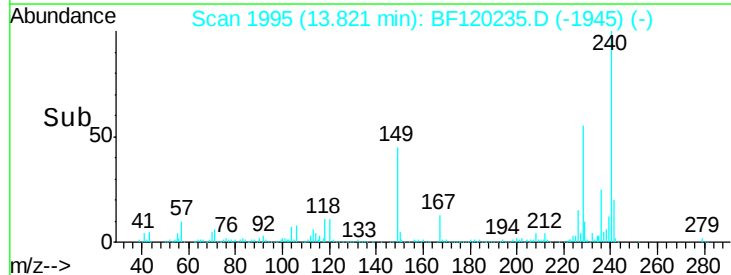
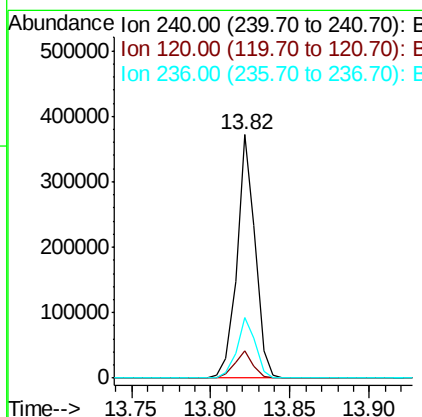
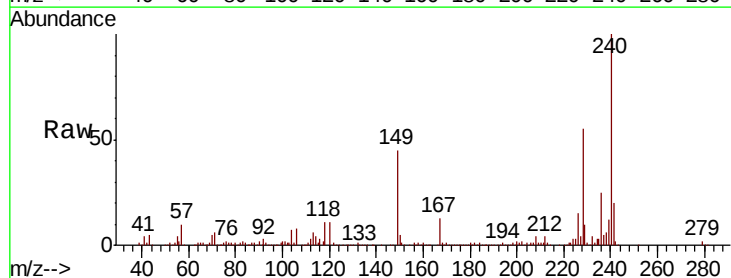
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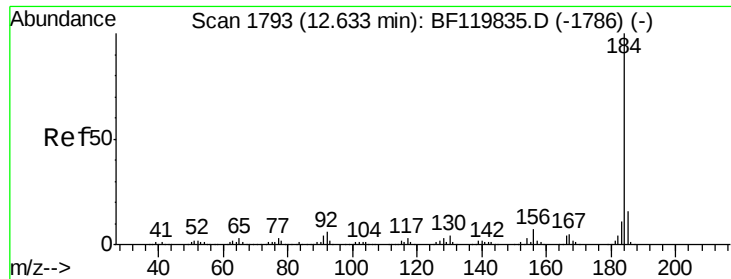
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295849		
120	11.0	10.6	15.8	
236	24.8	20.2	30.2	





#77

Benzidine

Concen: 54.669 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

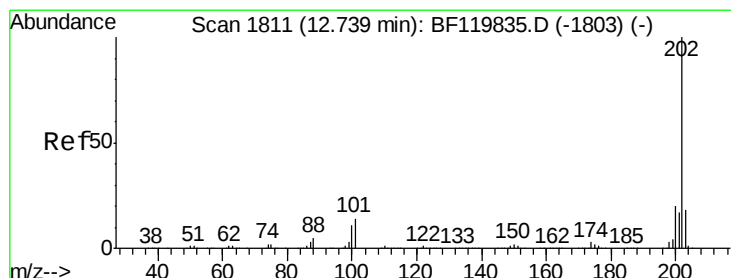
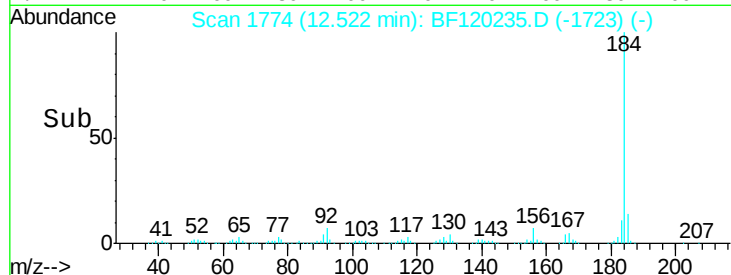
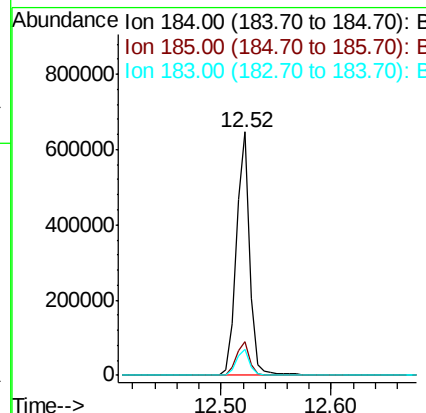
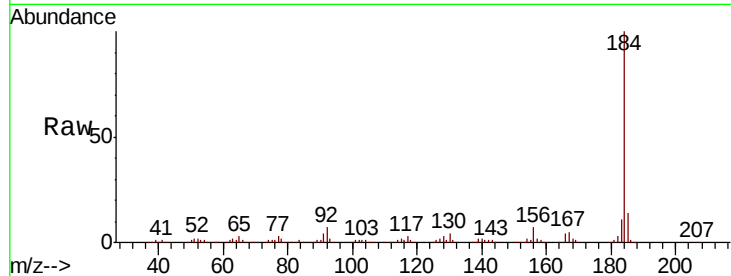
ClientSampleId :

PB128568BS

Tot Ion:	184	Resp:	546718
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.3	18.5
183	10.8	9.0	13.6

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#78

Pyrene

Concen: 38.332 ng

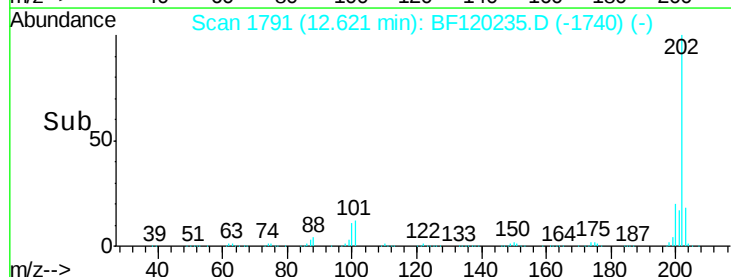
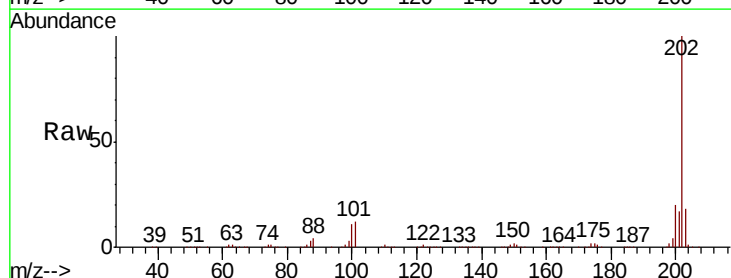
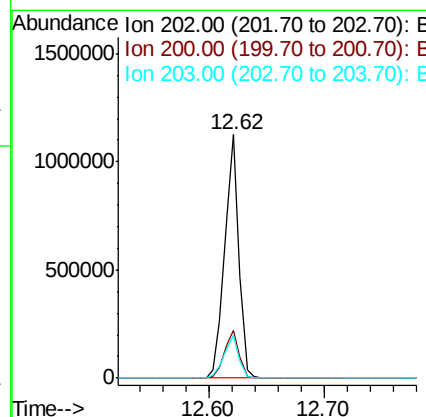
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	202	Resp:	956027
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.8	25.2
203	17.5	15.1	22.7





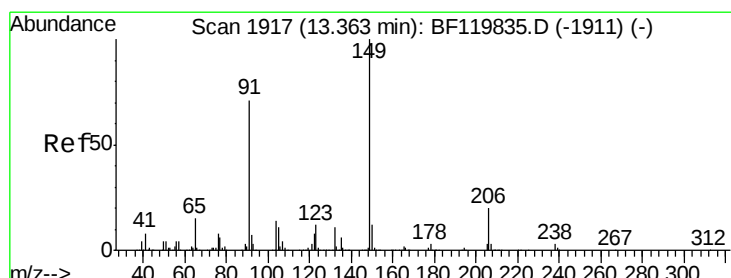
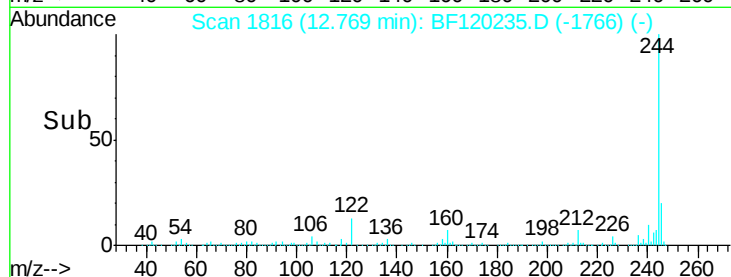
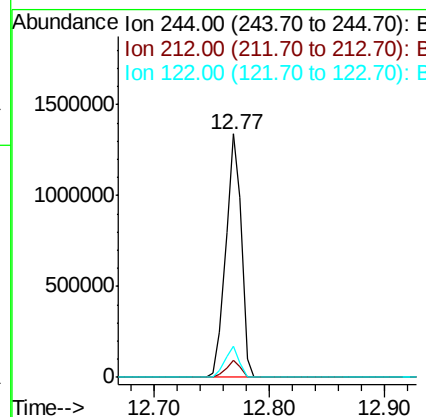
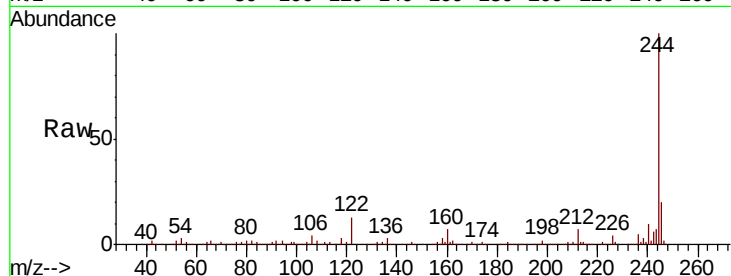
#79
 Terphenyl-d14
 Concen: 70.607 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.0	10.3	15.5

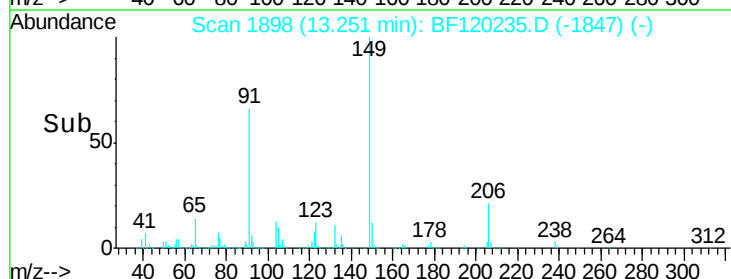
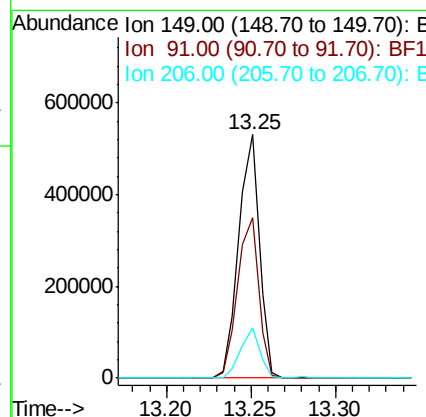
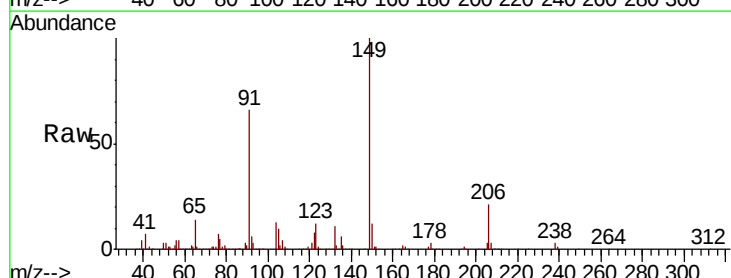
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#80
 Butylbenzylphthalate
 Concen: 37.472 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	54.7	82.1
206	20.6	16.2	24.2





#81

Benzo(a)anthracene

Concen: 43.508 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

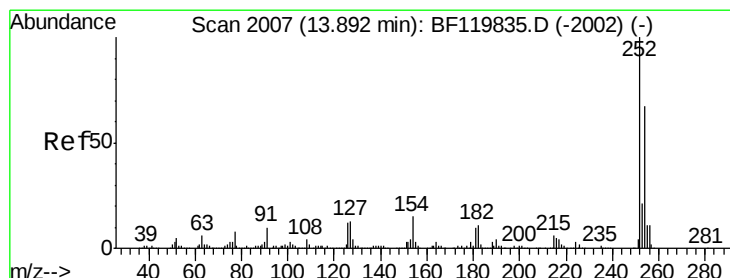
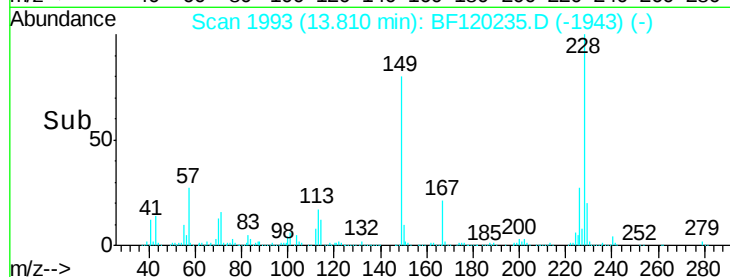
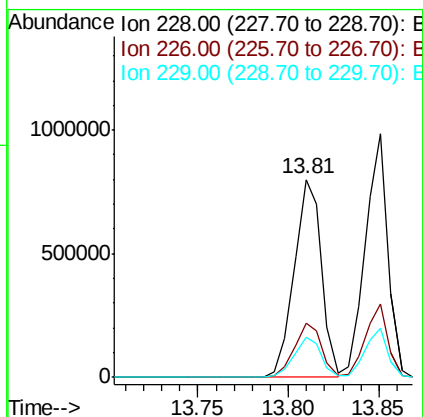
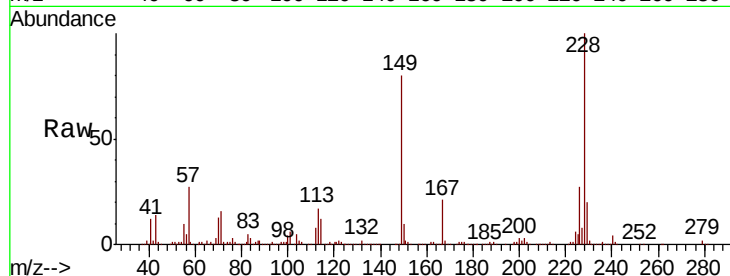
ClientSampled :

PB128568BS

Tot Ion:	228	Resp:	846792
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	20.0	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 28.088 ng

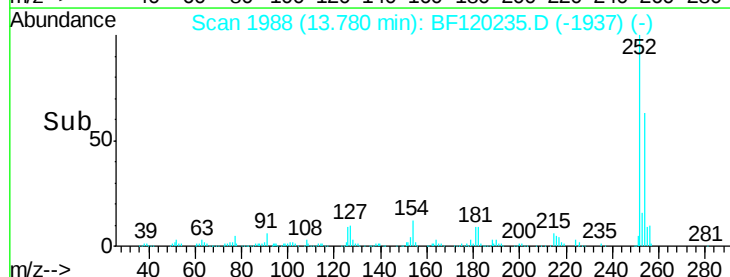
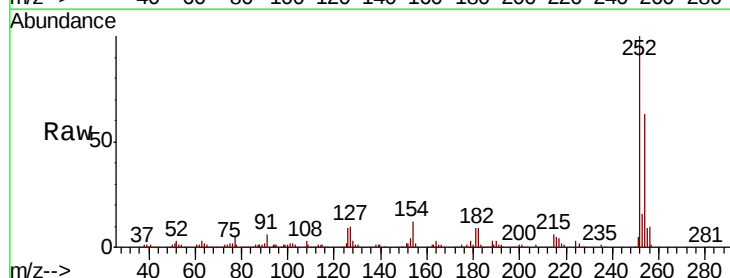
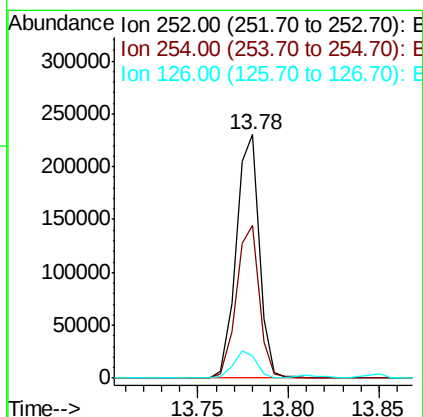
RT: 13.78 min Scan# 1988

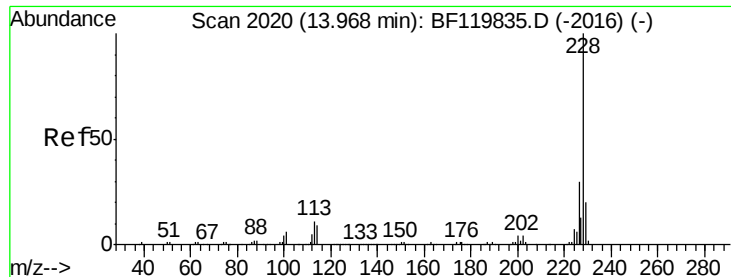
Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	252	Resp:	203974
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.2	76.8
126	9.1	9.6	14.4#





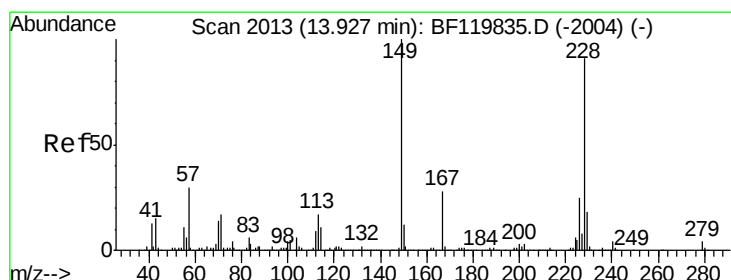
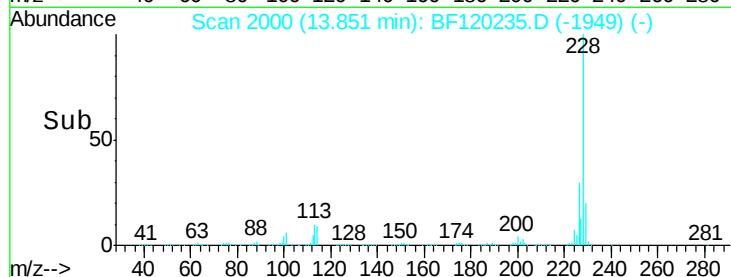
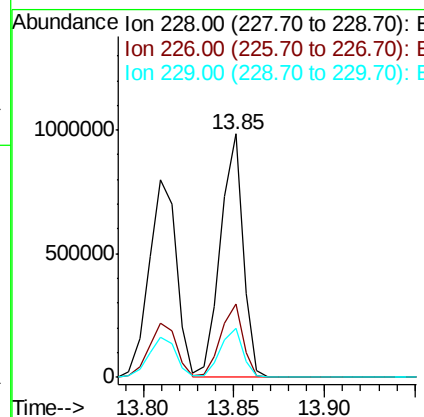
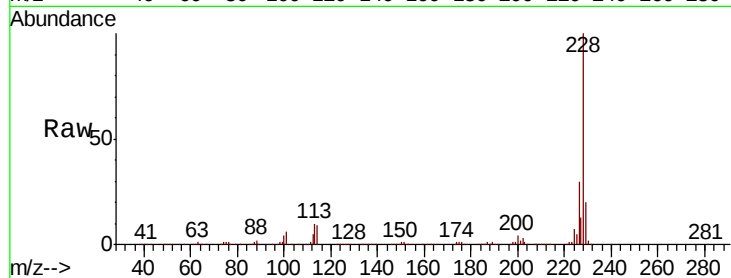
#83
 Chrvsene
 Concen: 43.275 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	20.3	16.6	24.8

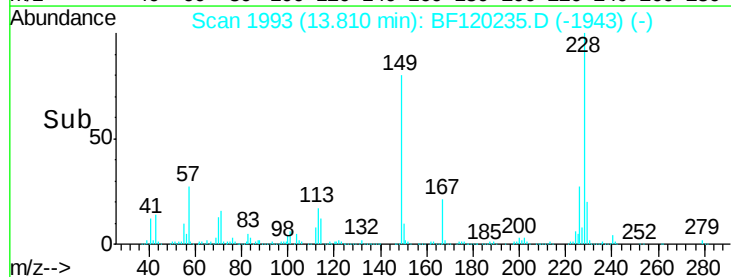
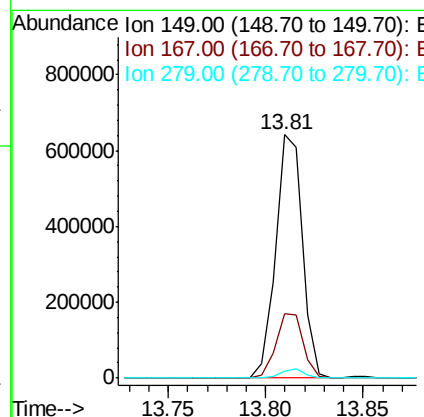
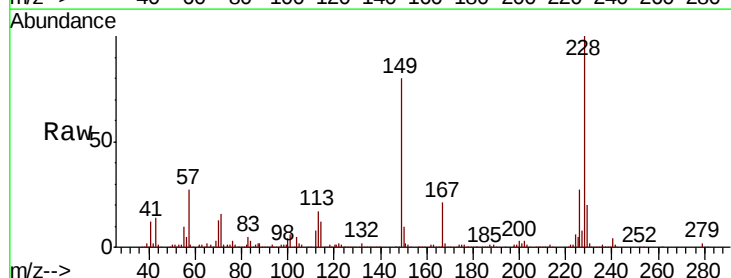
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.124 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 39.393 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

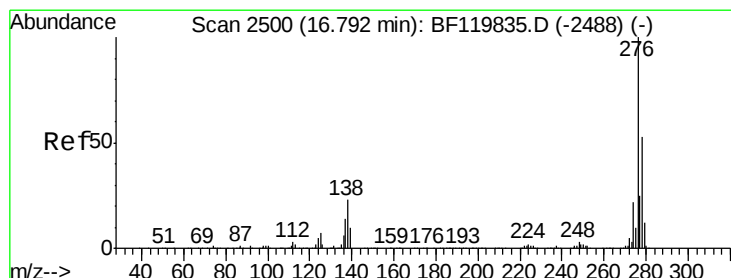
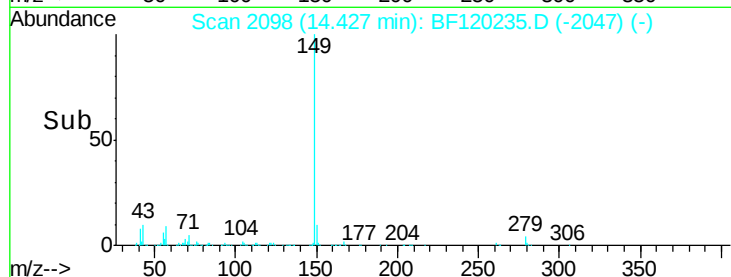
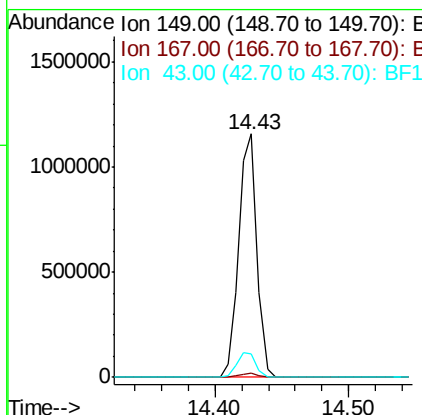
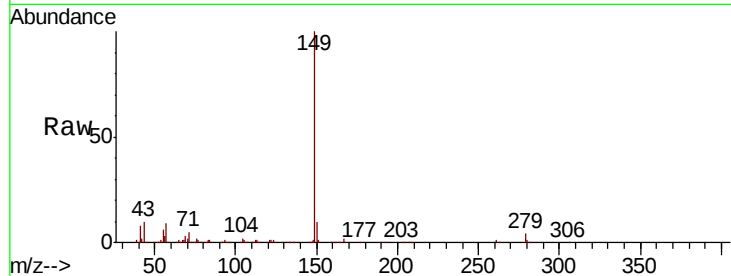
ClientSampleId :

PB128568BS

Tot Ion:	149	Resp:	1099241
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 56.318 ng

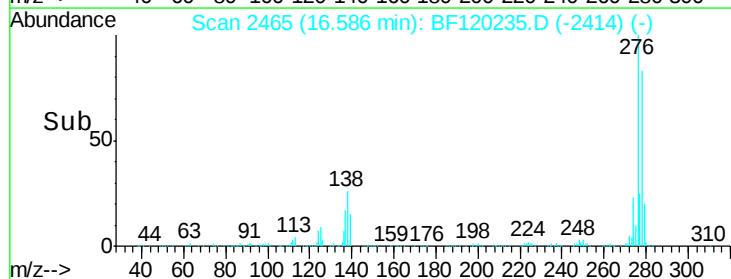
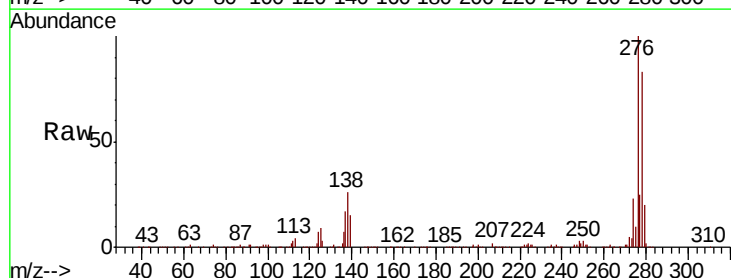
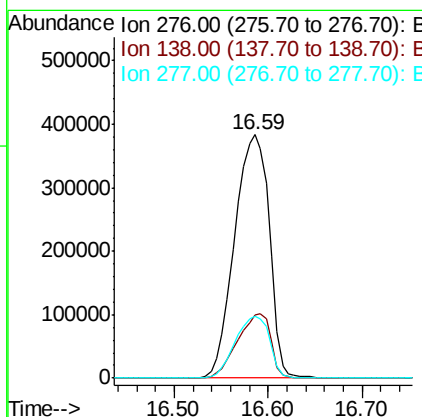
RT: 16.59 min Scan# 2465

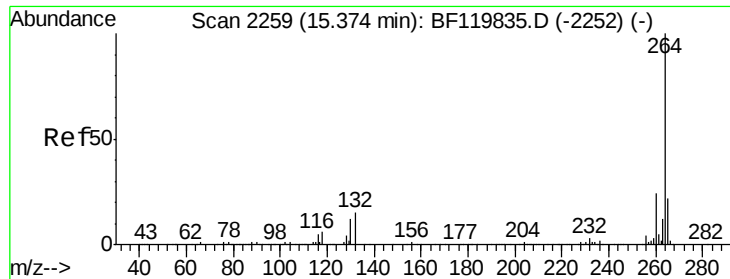
Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	276	Resp:	981746
Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.6	29.4
277	25.2	20.0	30.0





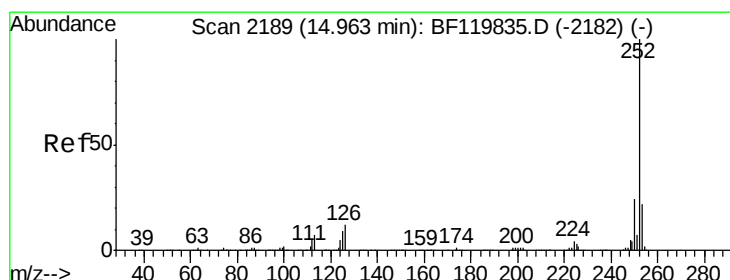
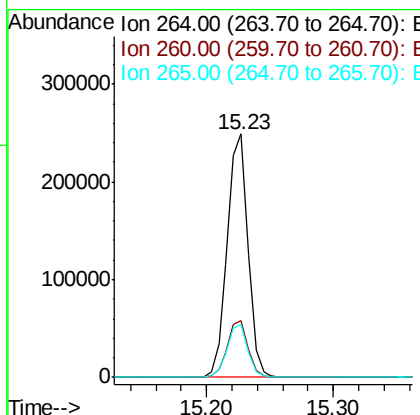
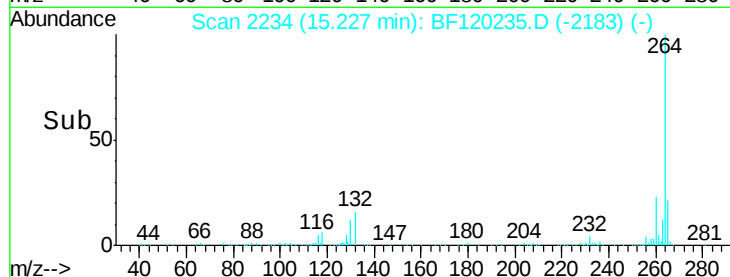
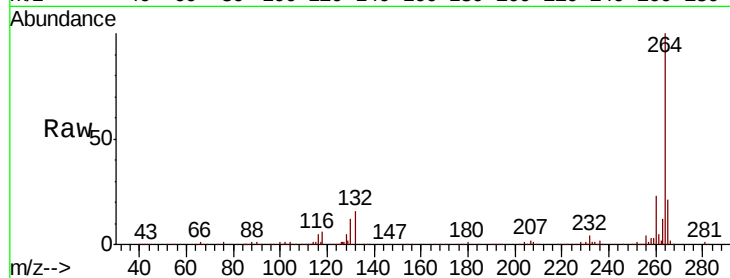
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	17.7	26.5

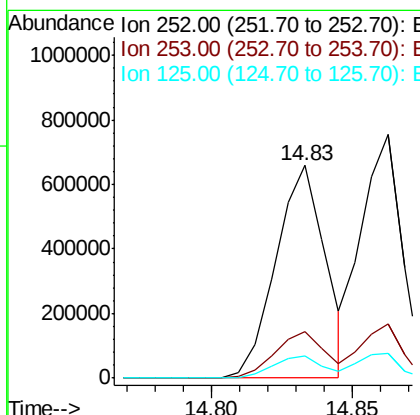
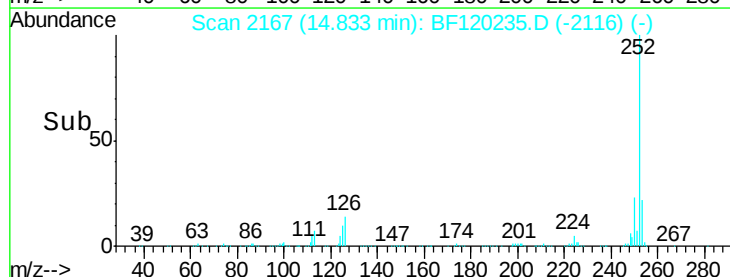
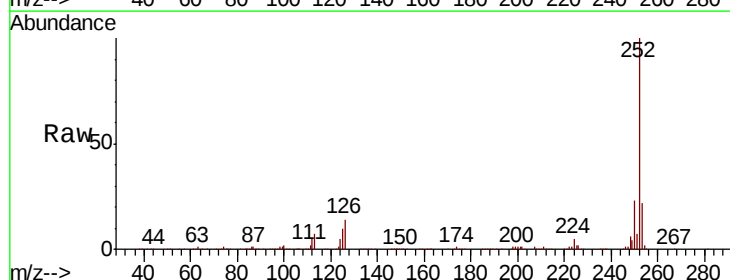
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#88
Benzo(b)fluoranthene
Concen: 39.554 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 43.240 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

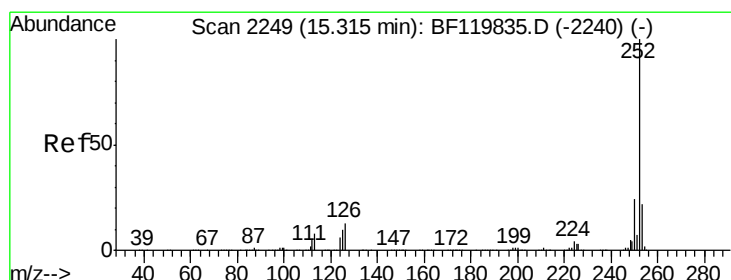
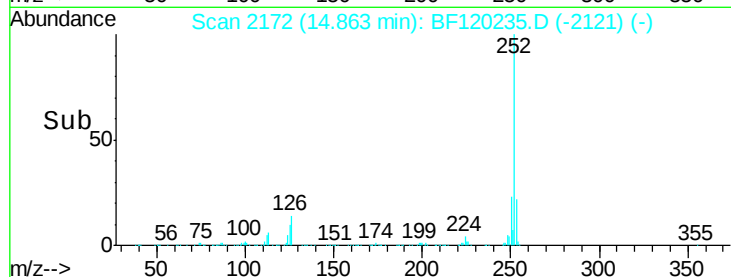
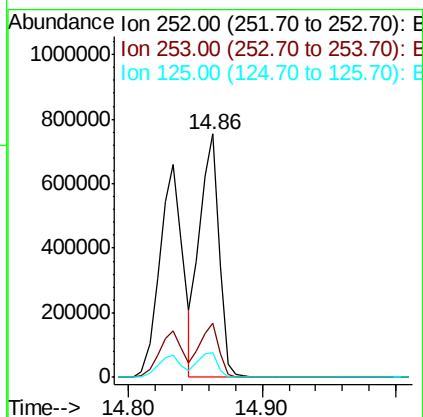
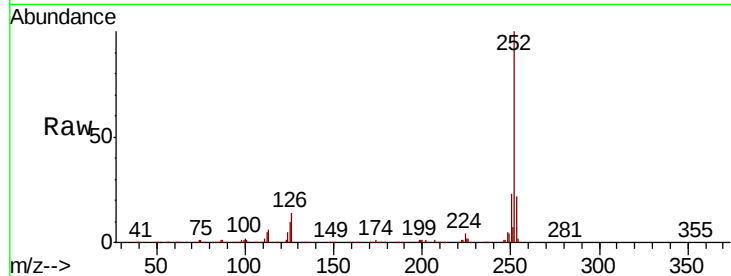
ClientSampleId :

PB128568BS

Tot Ion:	252	Resp:	756007
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.2	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 42.825 ng

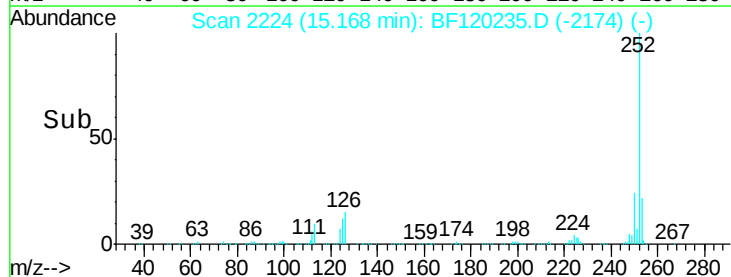
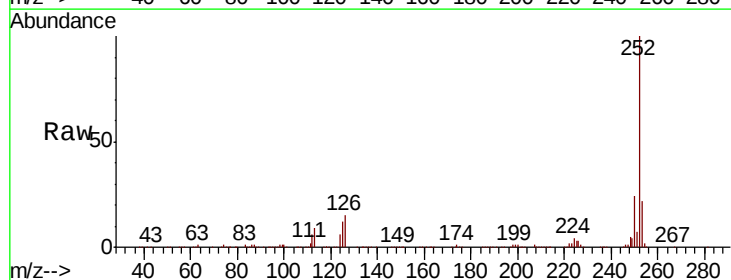
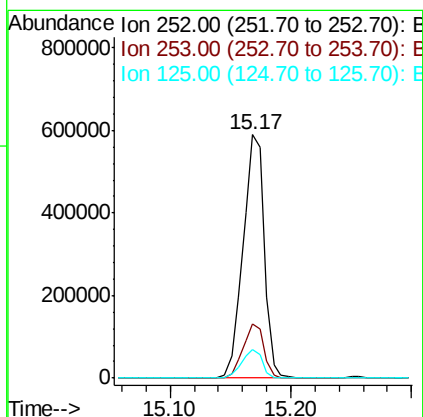
RT: 15.17 min Scan# 2224

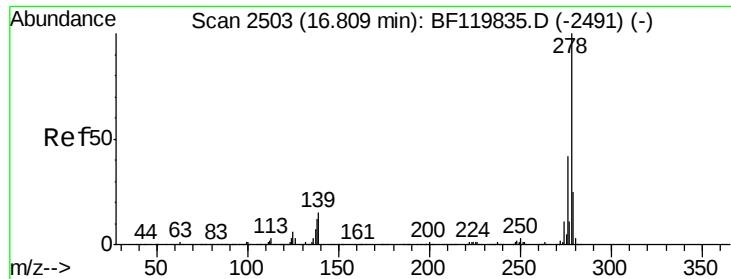
Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:	252	Resp:	729639
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	11.8	9.4	14.2





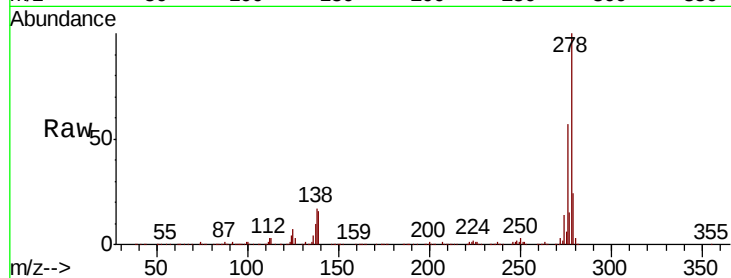
#91
Dibenzo(a,h)anthracene
Concen: 54.475 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

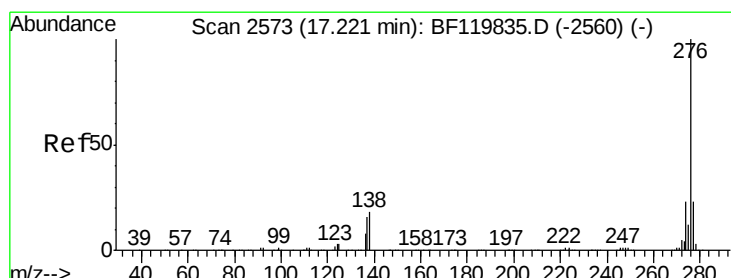
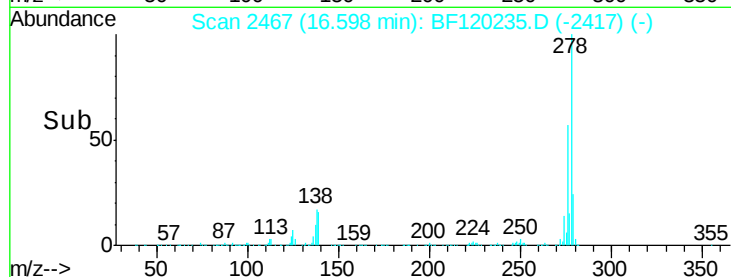
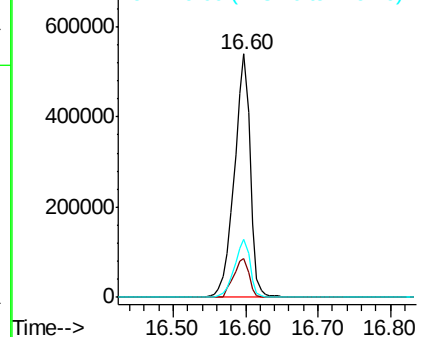
Tot Ion:278	Resp:	822134
Ion Ratio	Lower	Upper
278	100	
139	16.2	12.6 19.0
279	23.7	19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 55.093 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:276	Resp:	820737
Ion Ratio	Lower	Upper
276	100	
277	23.2	18.4 27.6
138	20.6	15.4 23.0

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

