

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120558.D
 Acq On : 5 Jun 2020 14:33
 Operator : JU/CG
 Sample : L2858-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N28427

Quant Time: Jun 05 15:34:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

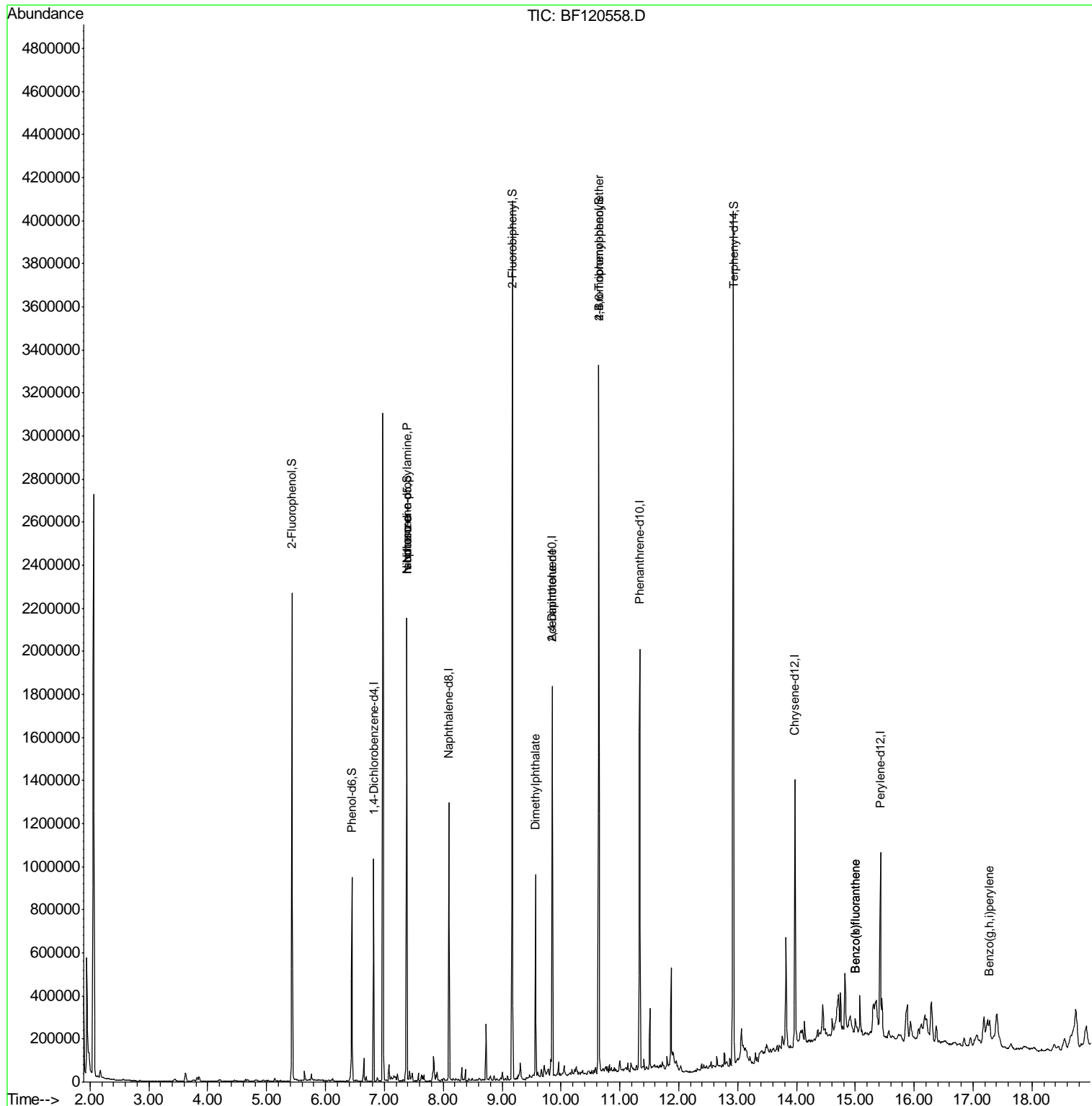
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139539	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	521573	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	347636	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	692160	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	378784	20.00	ng	-0.03
86) Perylene-d12	15.43	264	402842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	602196	82.24	ng	-0.01
7) Phenol-d6	6.45	99	285986	31.69	ng	-0.02
23) Nitrobenzene-d5	7.38	82	737199	92.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	452886	140.60	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1395243	68.10	ng	-0.02
79) Terphenyl-d14	12.93	244	1483314	87.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	99318	17.312	ng	# 78
25) Isophorone	7.38	82	735094	45.870	ng	# 63
50) Dimethylphthalate	9.57	163	351906	16.192	ng	100
57) 2,4-Dinitrotoluene	9.85	165	45070	7.291	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	26809	3.837	ng	# 1
88) Benzo(b)fluoranthene	15.00	252	45164	2.018	ng	# 97
89) Benzo(k)fluoranthene	15.00	252	45164	2.162	ng	# 96
92) Benzo(g,h,i)perylene	17.28	276	43597	2.461	ng	96

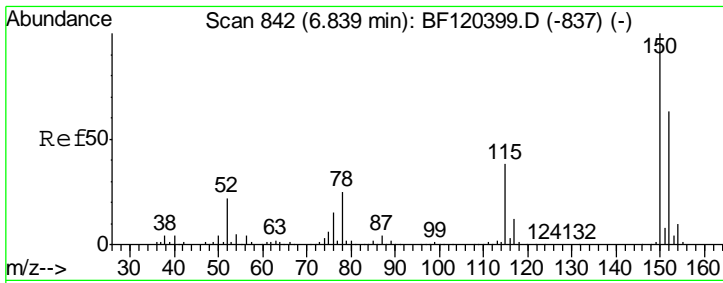
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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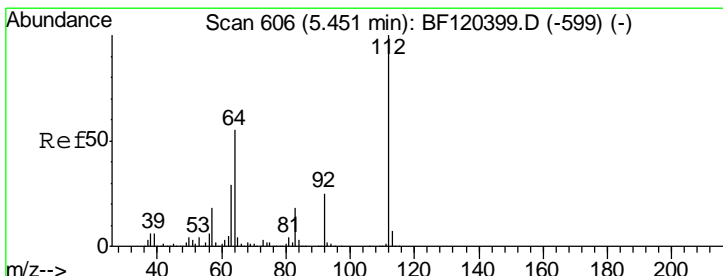
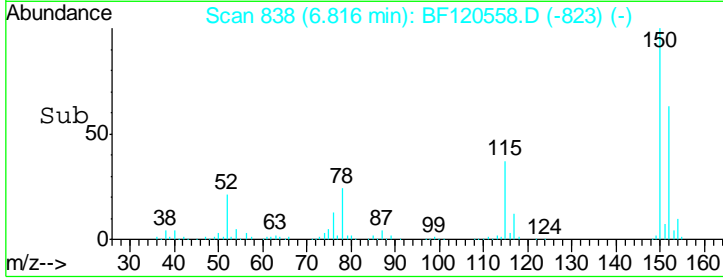
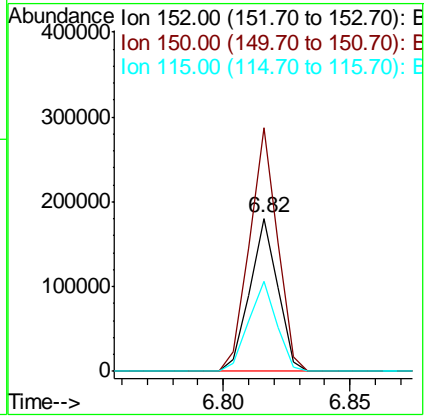
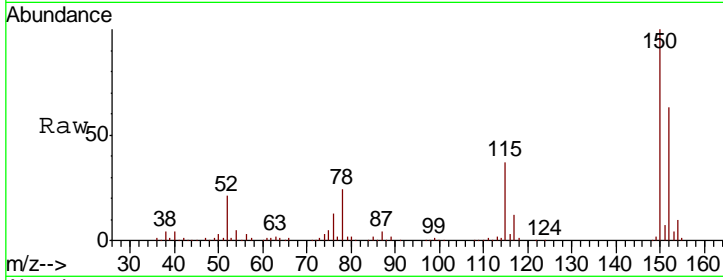




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

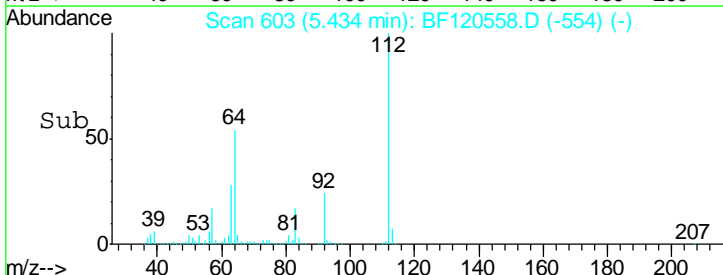
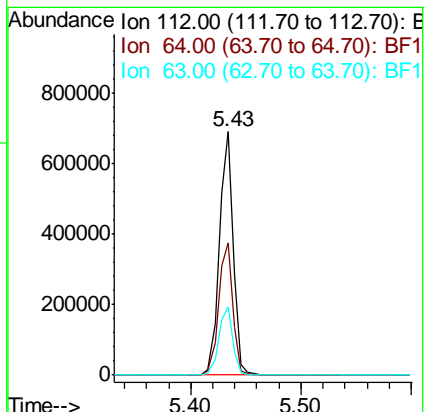
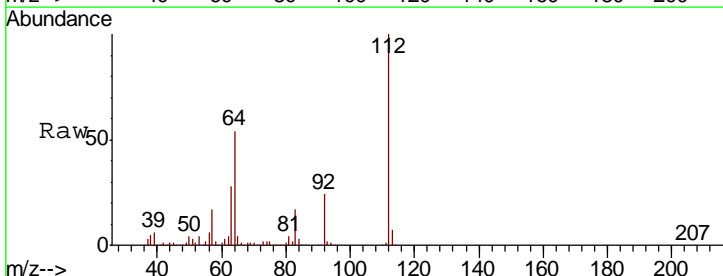
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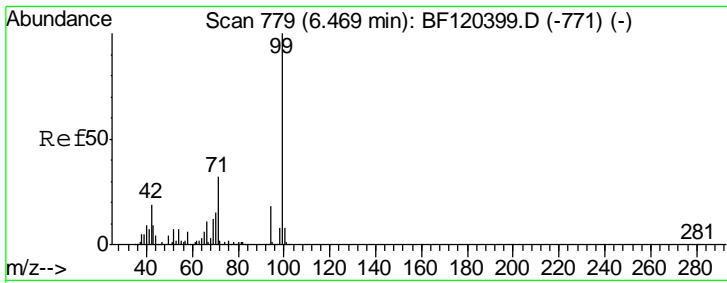
Tgt Ion	Resp	Lower	Upper
152	139539		
150	158.8	126.3	189.5
115	58.3	48.1	72.1



#5
 2-Fluorophenol
 Concen: 82.245 ng
 RT: 5.43 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
112	602196		
64	54.3	47.2	70.8
63	27.8	24.7	37.1

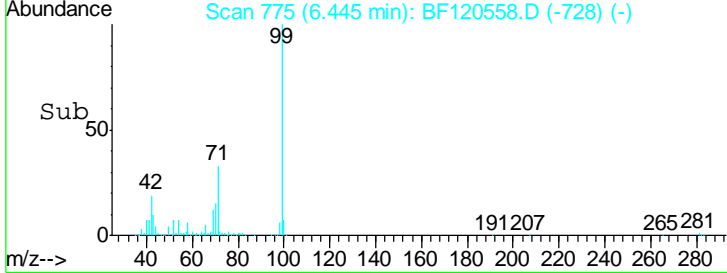
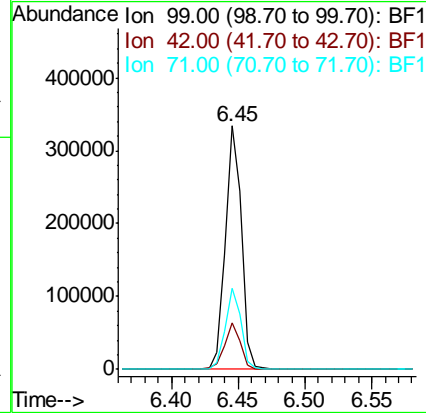
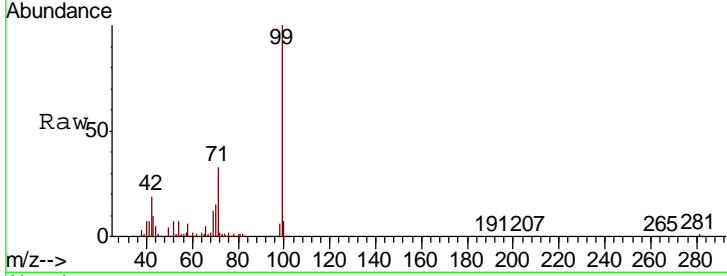




#7
 Phenol-d6
 Concen: 31.689 ng
 RT: 6.45 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

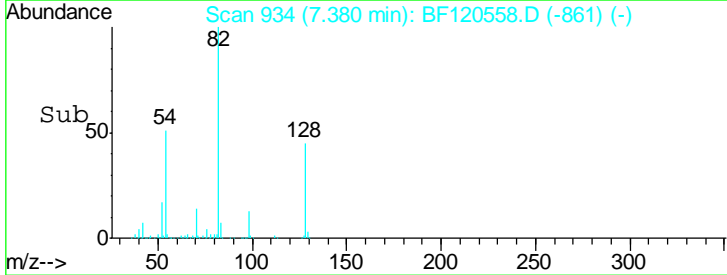
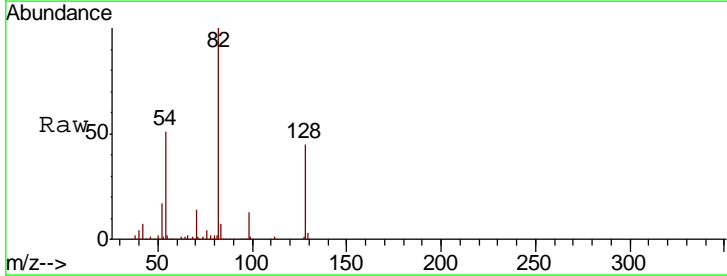
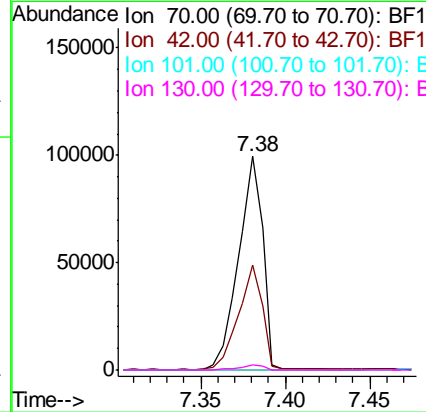
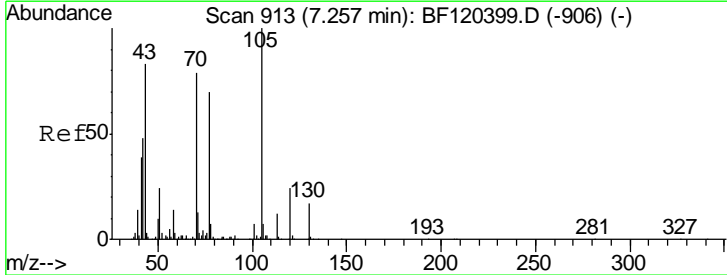
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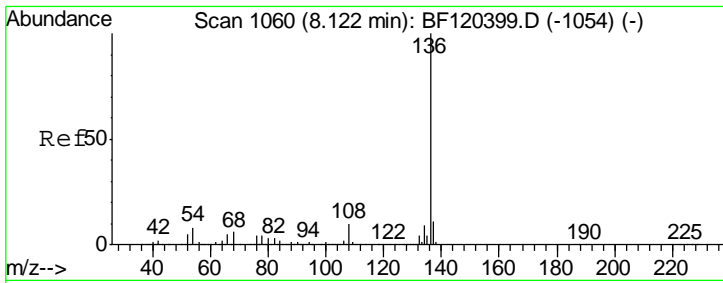
Tgt Ion	Resp	Lower	Upper
99	100		
42	19.1	15.0	22.6
71	33.3	27.0	40.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.312 ng
 RT: 7.38 min Scan# 934
 Delta R.T. 0.13 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
70	100		
42	48.9	47.0	70.4
101	0.0	7.8	11.8#
130	2.4	17.9	26.9#

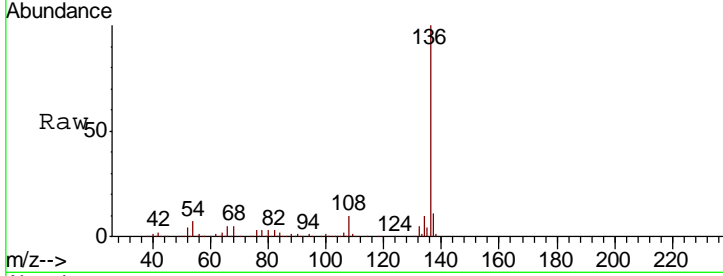




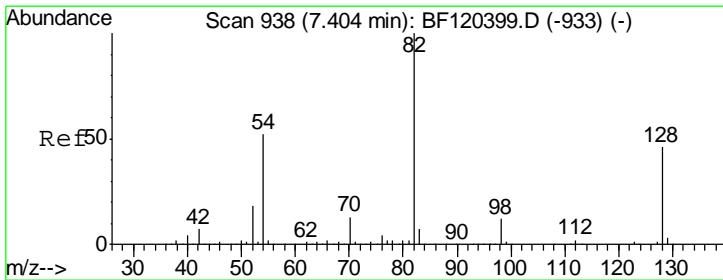
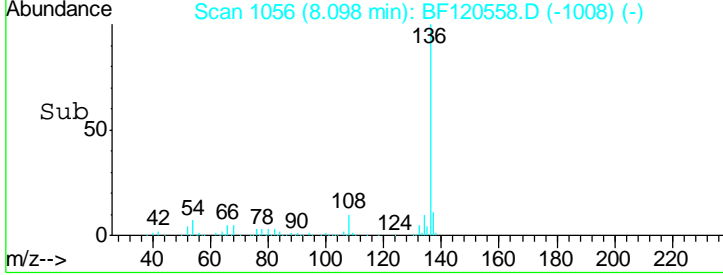
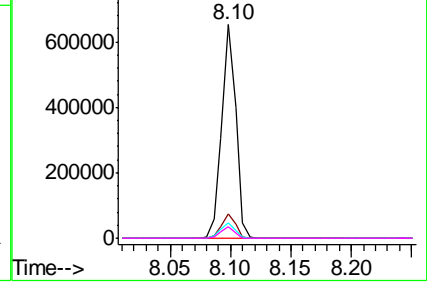
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Instrument :
 BNA_F
ClientSampled :
 N28427

Tgt Ion	Resp	Lower	Upper
136	521573		
137	11.2	8.8	13.2
54	7.4	5.4	8.0
68	5.4	4.3	6.5

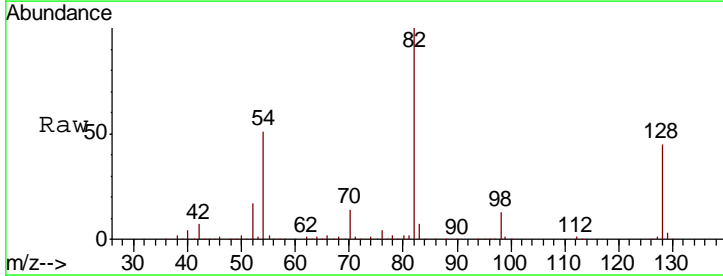


Abundance Ion 136.00 (135.70 to 136.70): E
 1000000 Ion 137.00 (136.70 to 137.70): E
 800000 Ion 54.00 (53.70 to 54.70): BF1
 600000 Ion 68.00 (67.70 to 68.70): BF1
 400000
 200000
 0

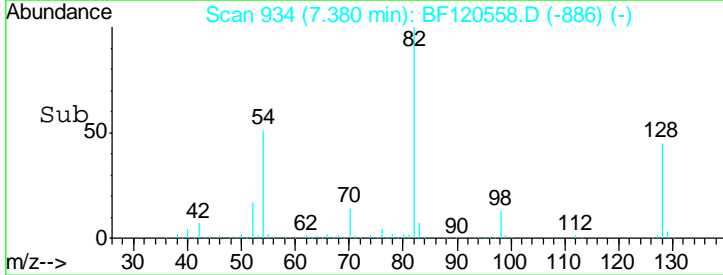
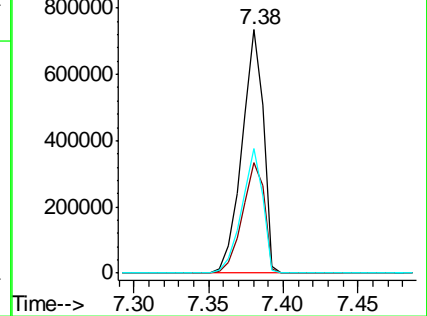


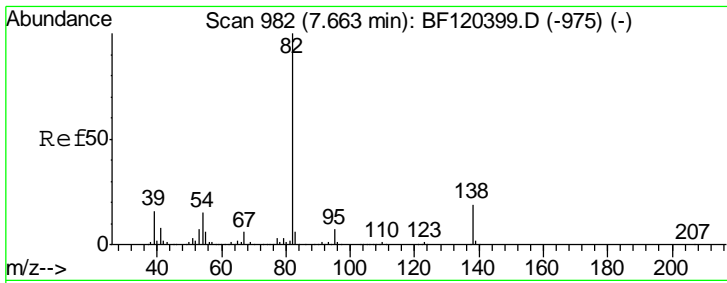
#23
 Nitrobenzene-d5
 Concen: 92.456 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
82	737199		
128	45.2	36.7	55.1
54	51.3	40.0	60.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
 1000000 Ion 128.00 (127.70 to 128.70): E
 800000 Ion 54.00 (53.70 to 54.70): BF1
 600000
 400000
 200000
 0

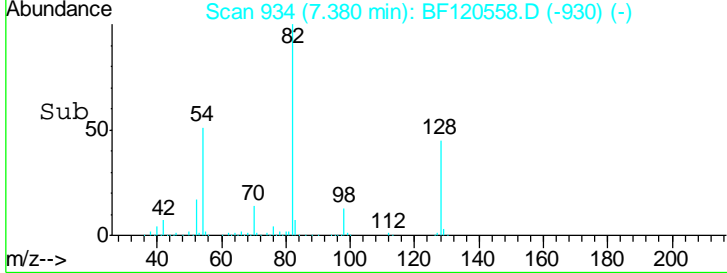
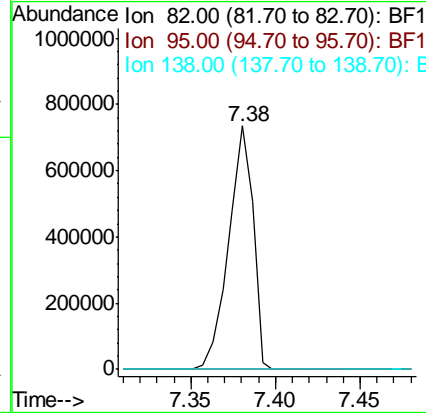
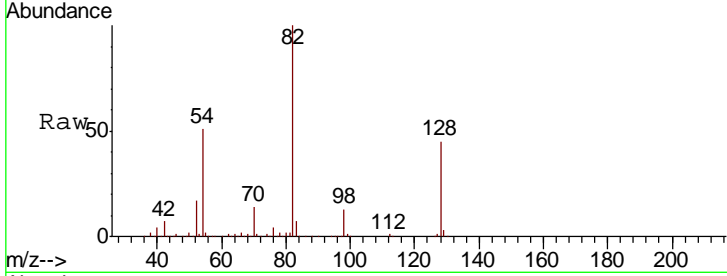




#25
 Isophorone
 Concen: 45.870 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.28 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

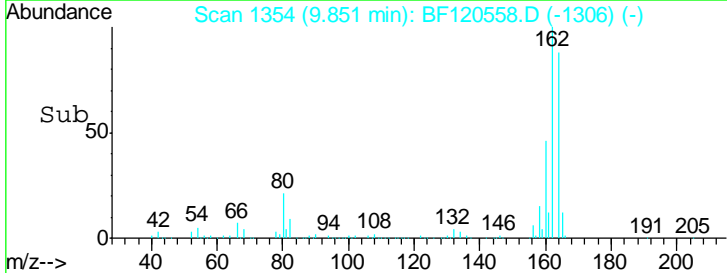
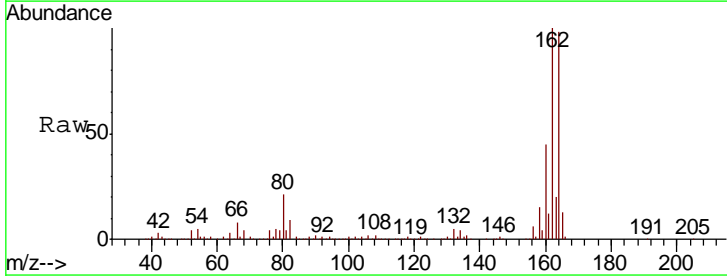
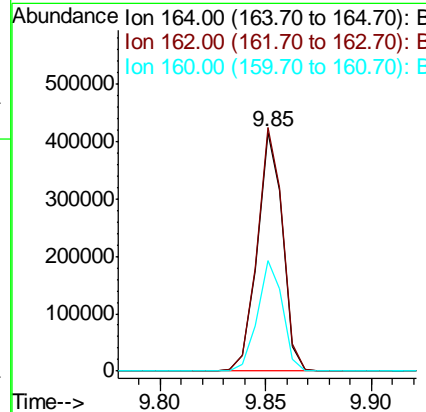
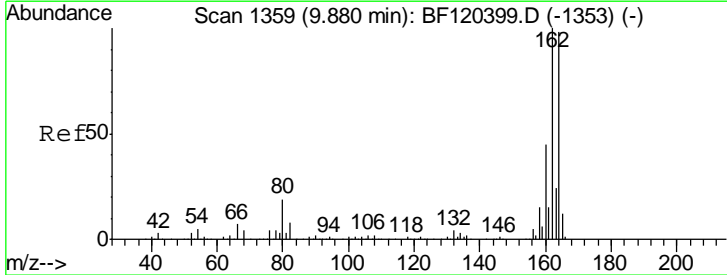
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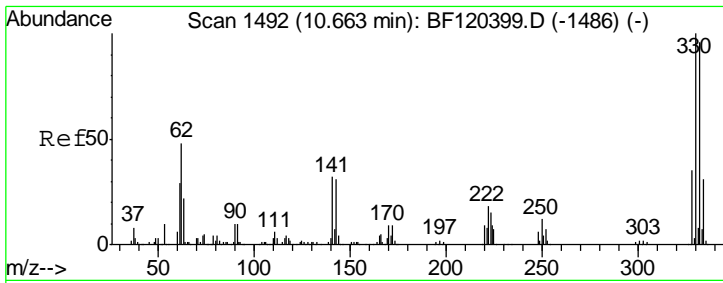
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	15.6	23.4#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	46.1	37.0	55.4

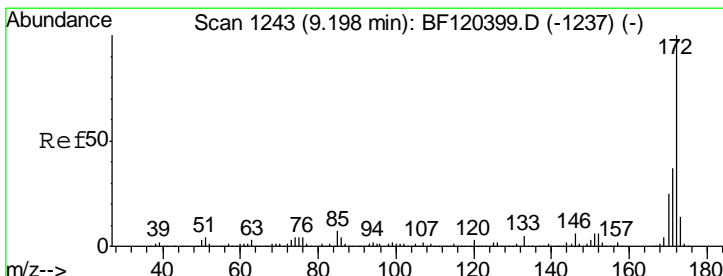
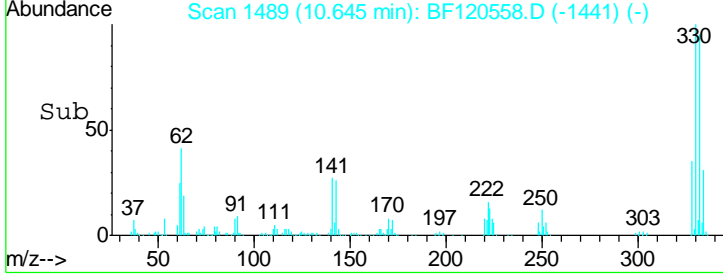
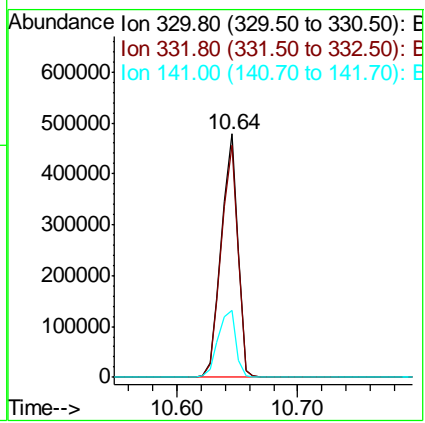
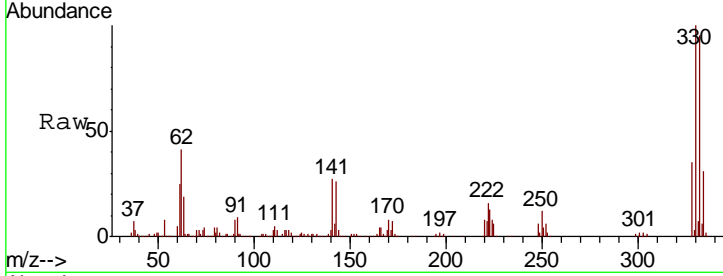




#42
 2,4,6-Tribromophenol
 Concen: 140.604 ng
 RT: 10.64 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

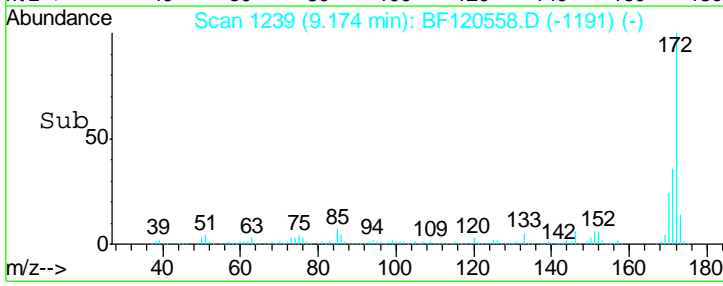
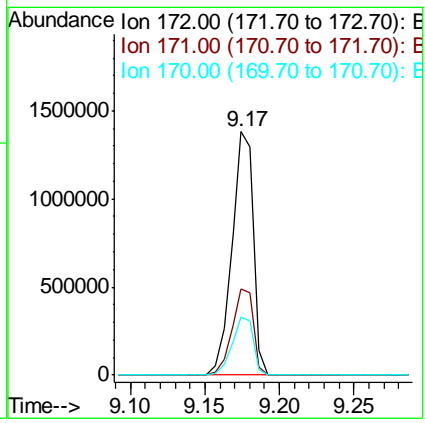
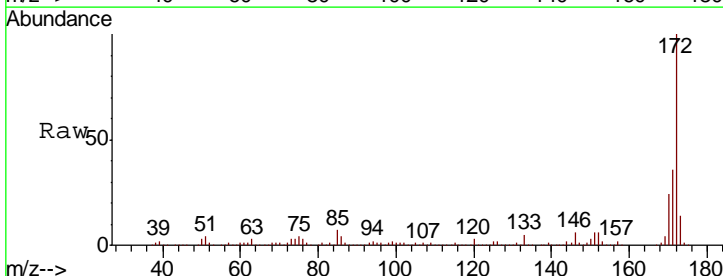
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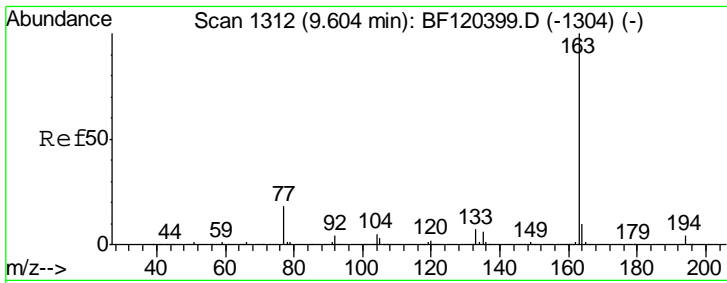
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	29.7	23.8	35.8



#45
 2-Fluorobiphenyl
 Concen: 68.097 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	24.1	19.8	29.6

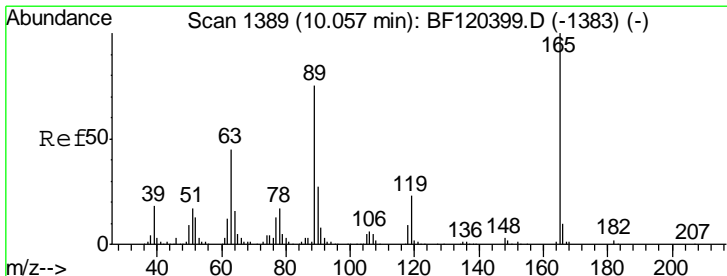
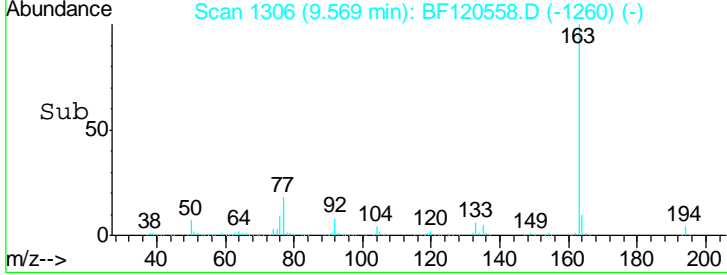
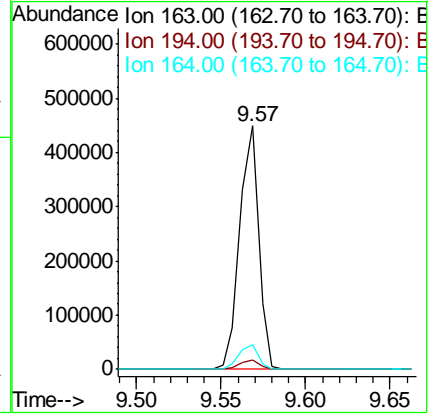
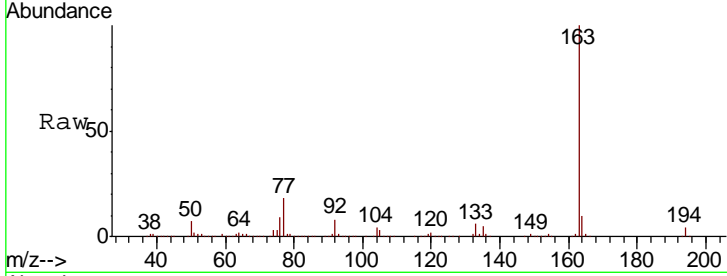




#50
 Dimethylphthalate
 Concen: 16.192 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

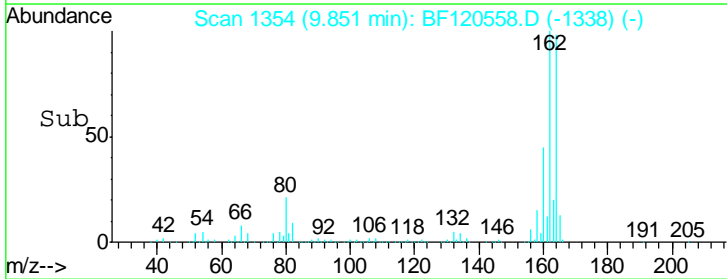
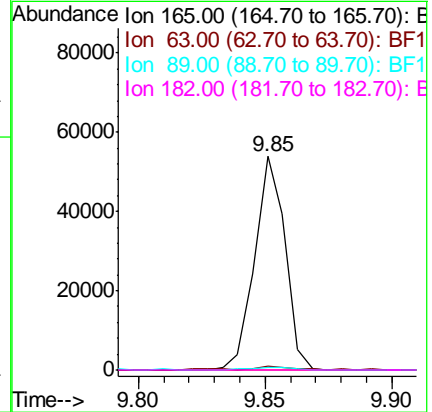
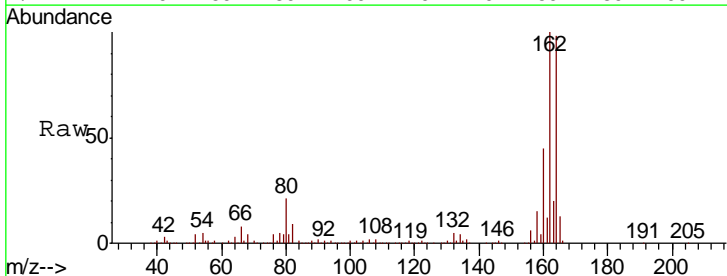
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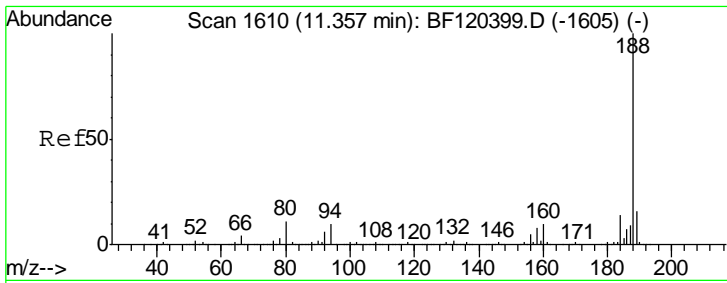
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	8.0	12.0



#57
 2,4-Dinitrotoluene
 Concen: 7.291 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.21 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	34.1	51.1#
89	1.5	56.2	84.4#
182	0.0	2.0	3.0#

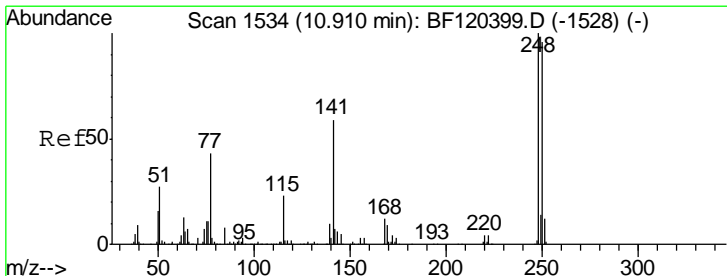
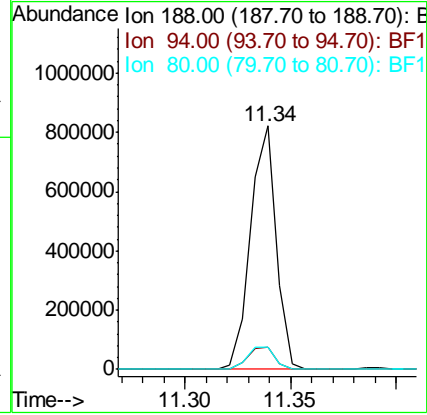
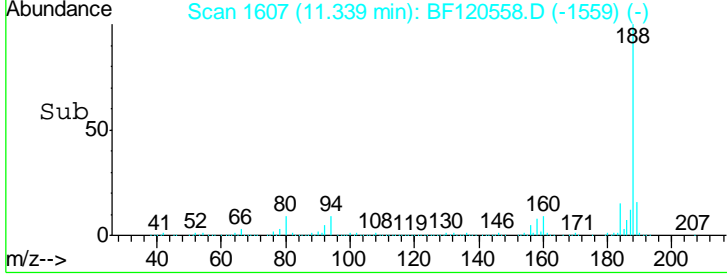
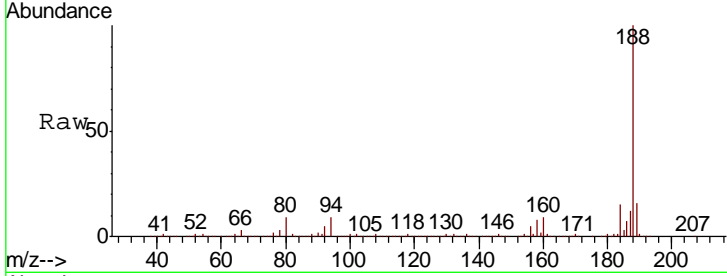




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

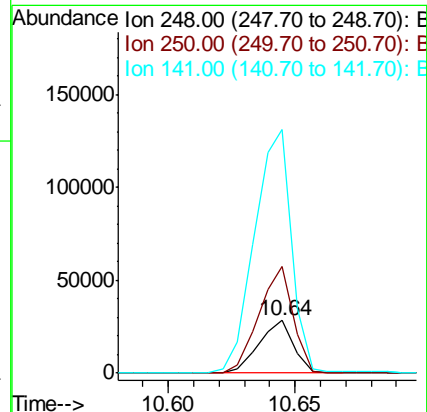
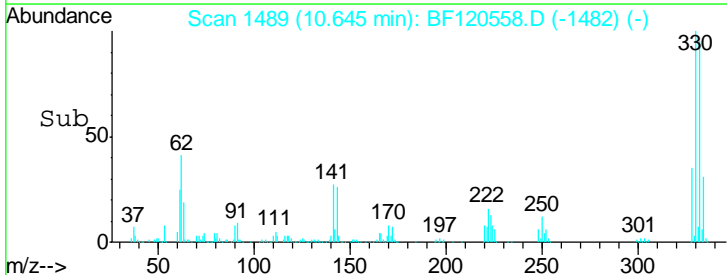
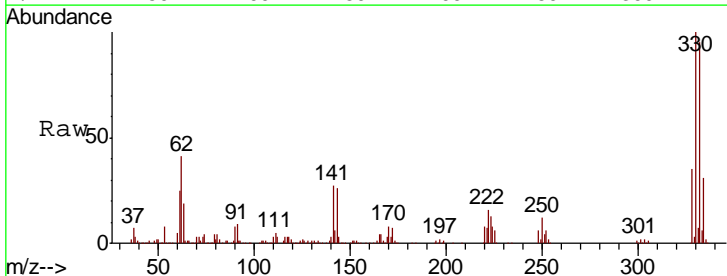
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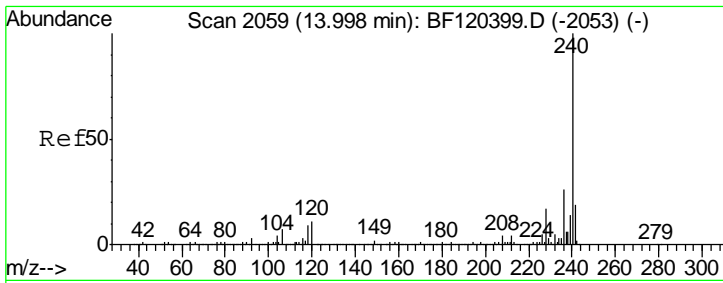
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.2	7.6	11.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.837 ng
 RT: 10.64 min Scan# 1489
 Delta R.T. -0.26 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
248	100		
250	202.5	77.4	116.0#
141	463.0	46.1	69.1#

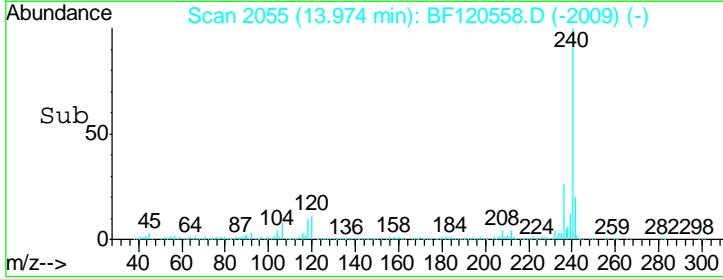
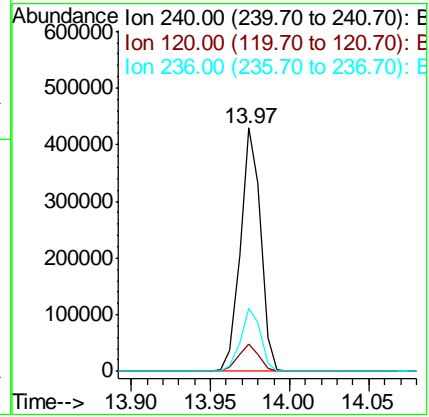
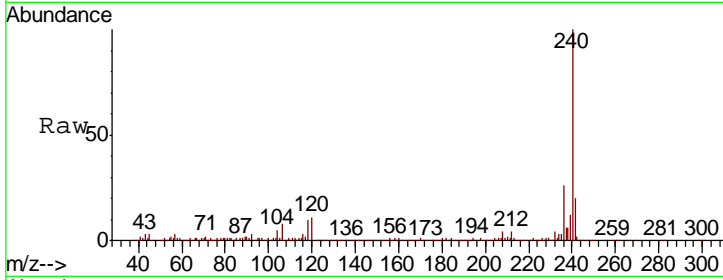




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2055
 Delta R.T. -0.03 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

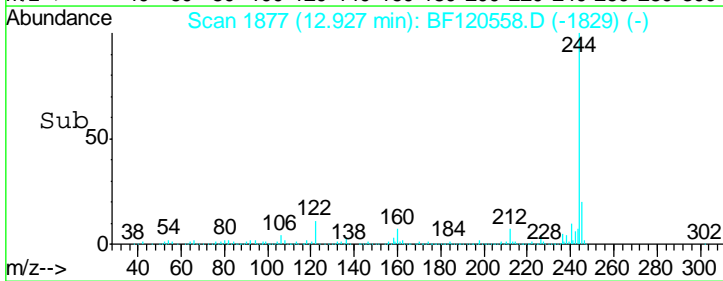
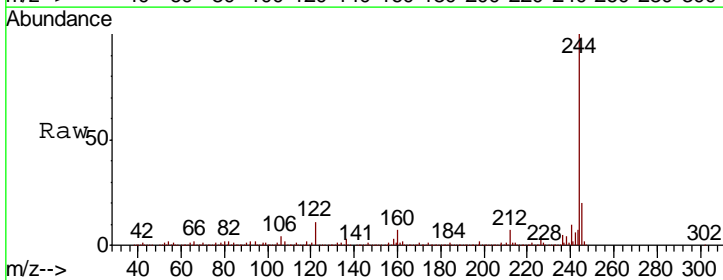
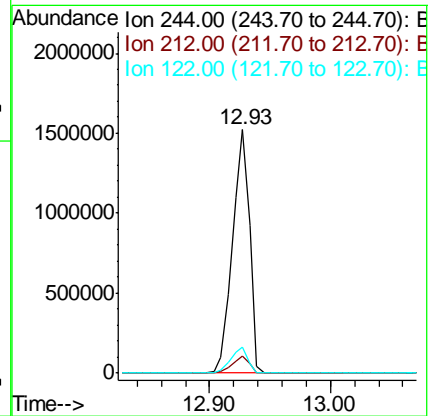
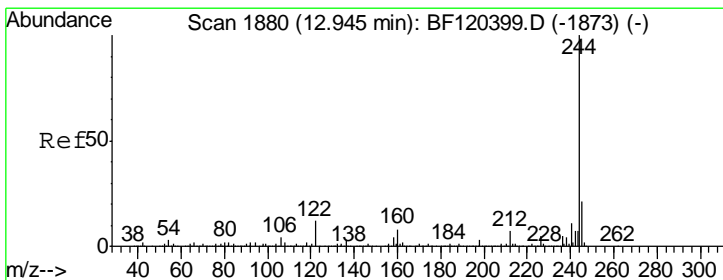
Instrument :
 BNA_F
 ClientSampled :
 N28427

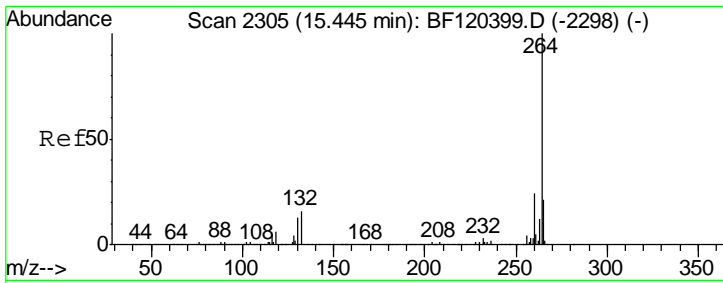
Tgt Ion	Resp	Lower	Upper
240	378784		
120	11.4	7.7	11.5
236	26.1	20.8	31.2



#79
 Terphenyl-d14
 Concen: 87.140 ng
 RT: 12.93 min Scan# 1877
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
244	1483314		
212	7.0	5.7	8.5
122	10.7	8.0	12.0

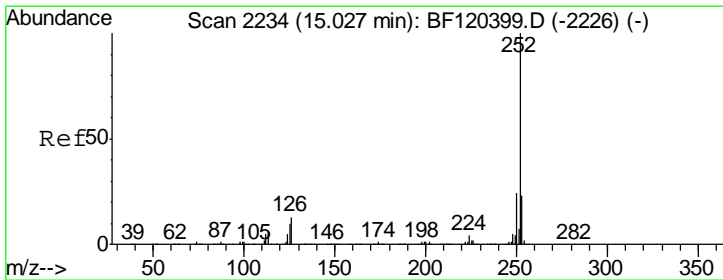
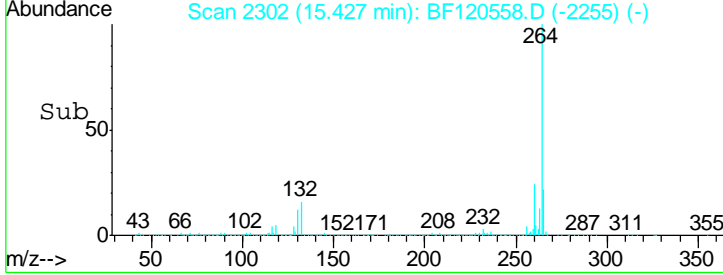
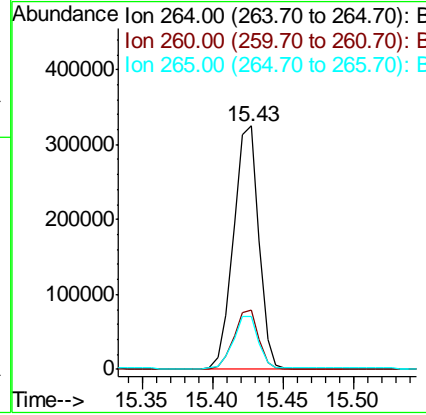
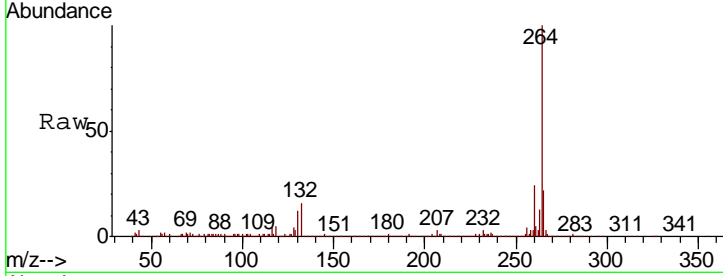




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

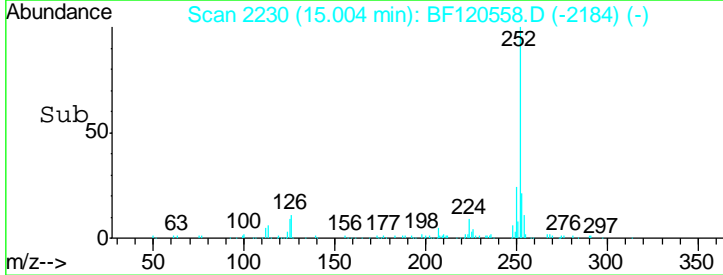
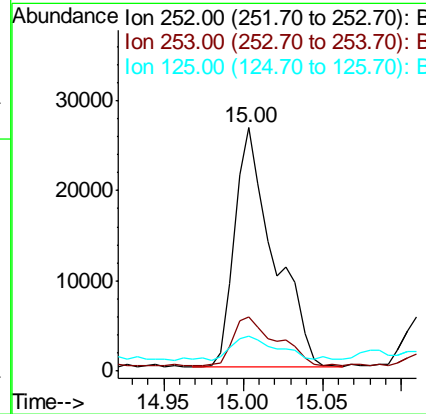
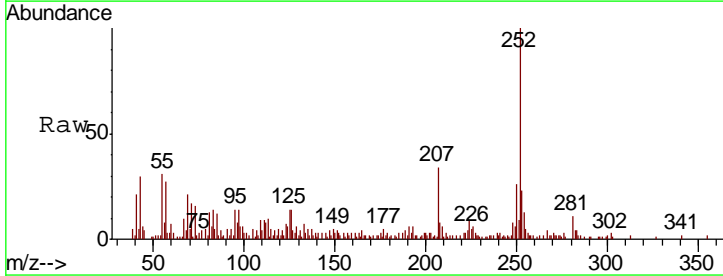
Instrument :
 BNA_F
 ClientSampled :
 N28427

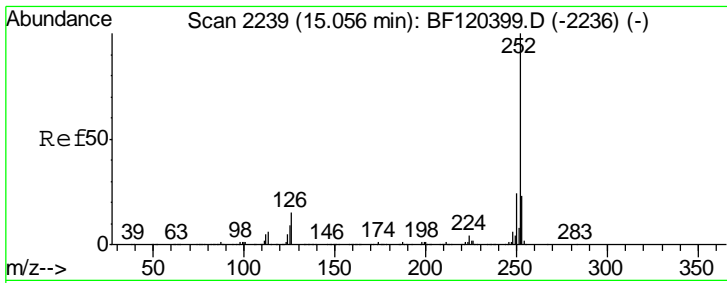
Tgt Ion	Resp	Lower	Upper
264	402842		
260	24.1	19.5	29.3
265	21.8	17.5	26.3



#88
 Benzo(b)fluoranthene
 Concen: 2.018 ng
 RT: 15.00 min Scan# 2230
 Delta R.T. -0.03 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
252	45164		
253	22.5	18.0	27.0
125	14.4	8.3	12.5#

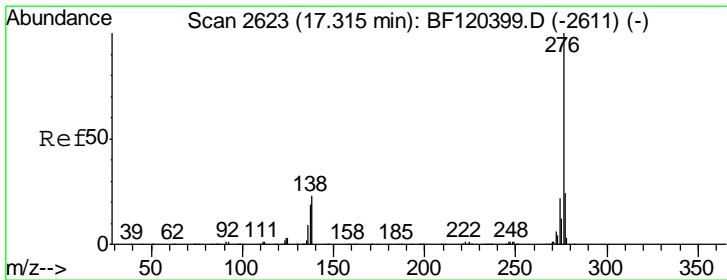
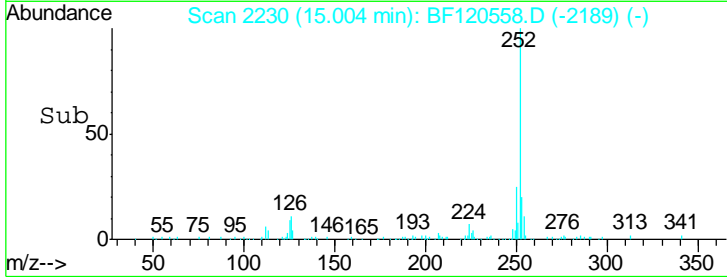
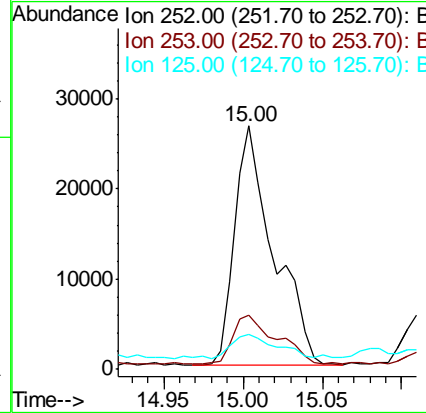
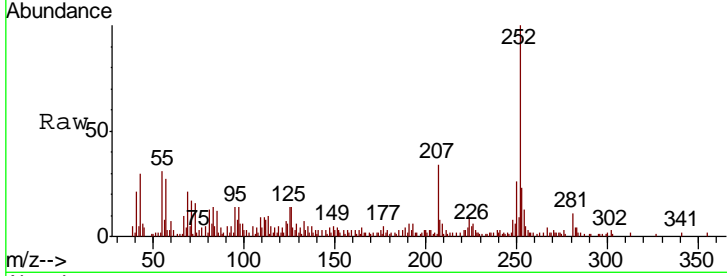




#89
 Benzo(k)fluoranthene
 Concen: 2.162 ng
 RT: 15.00 min Scan# 2230
 Delta R.T. -0.06 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Instrument :
 BNA_F
 ClientSampled :
 N28427

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.4	8.6	13.0



#92
 Benzo(g,h,i)perylene
 Concen: 2.461 ng
 RT: 17.28 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion	Resp	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	24.4	16.9	25.3

