

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123426.D
 Acq On : 24 Mar 2021 7:00
 Operator : JU/CG
 Sample : M1712-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-2

Quant Time: Mar 24 07:38:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

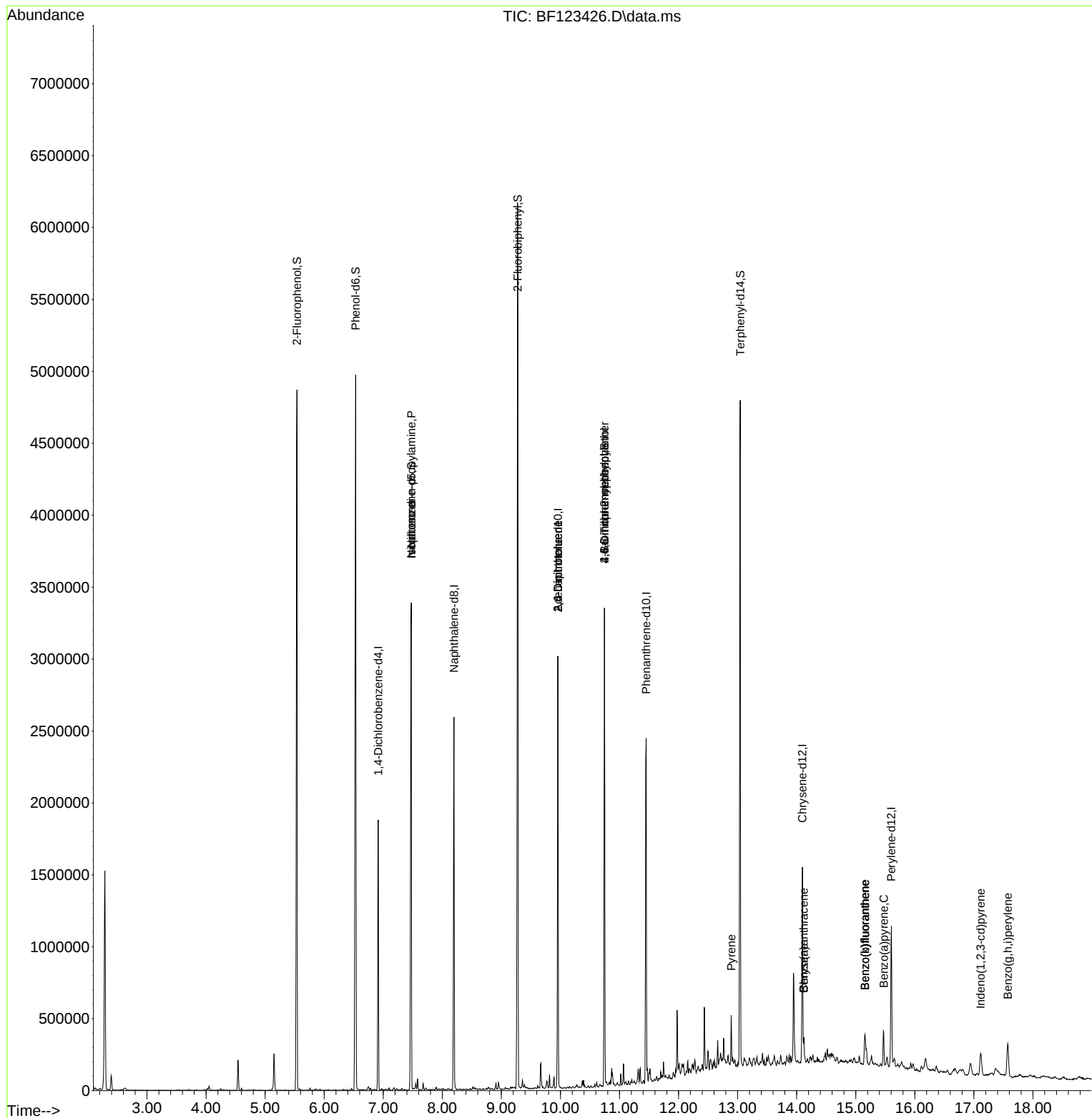
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	281410	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1075562	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	588363	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	897322	20.00	ng	0.00
76) Chrysene-d12	14.098	240	437316	20.00	ng	0.00
86) Perylene-d12	15.604	264	462719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1258458	73.16	ng	0.02
7) Phenol-d6	6.534	99	1638819	71.57	ng	0.00
23) Nitrobenzene-d5	7.475	82	1133353	56.87	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	368867	56.08	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	2094684	50.86	ng	0.00
79) Terphenyl-d14	13.045	244	1597910	61.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	247	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.475	70	151506	10.23	ng	# 79
25) Isophorone	7.475	82	1130190	26.38	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	75315	8.63	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	75315	6.91	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	718	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	21533	2.03	ng	# 1
78) Pyrene	12.892	202	126993	3.37	ng	97
81) Benzo(a)anthracene	14.121	228	76997	2.69	ng	98
83) Chrysene	14.121	228	76997	2.61	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	116249	4.04	ng	98
88) Benzo(b)fluoranthene	15.157	252	164947	5.17	ng	# 95
89) Benzo(k)fluoranthene	15.157	252	164947	5.47	ng	96
90) Benzo(a)pyrene	15.474	252	120069	4.36	ng	96
92) Benzo(g,h,i)perylene	17.574	276	184073	7.53	ng	99

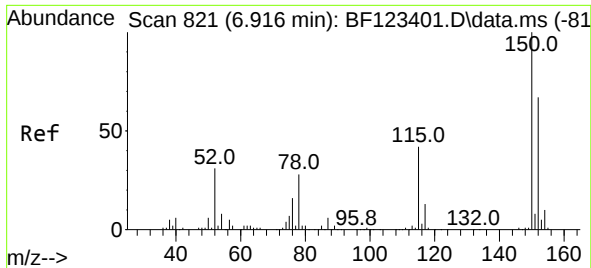
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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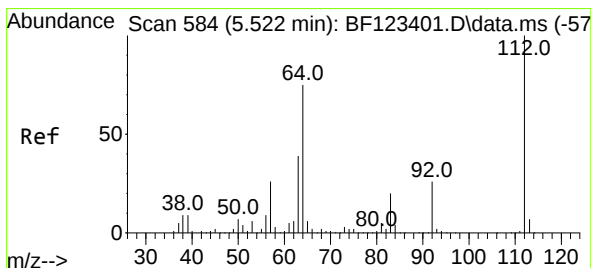
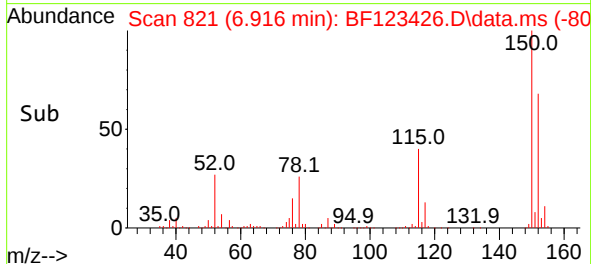
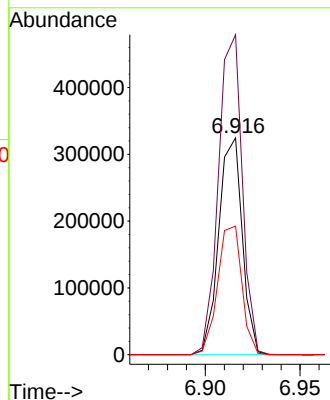
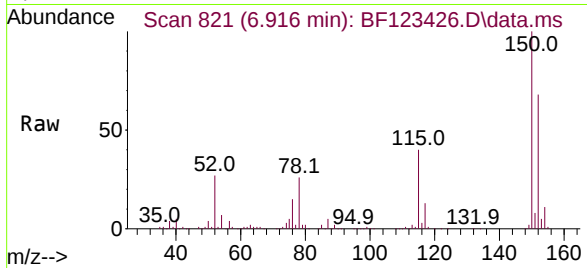




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

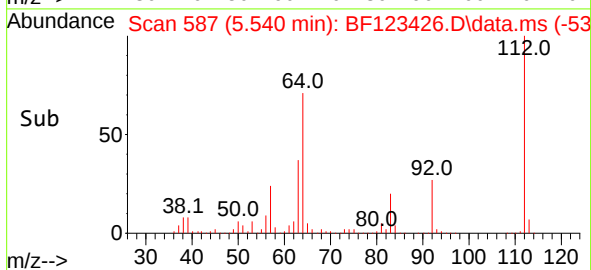
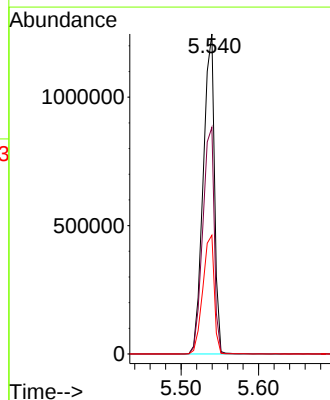
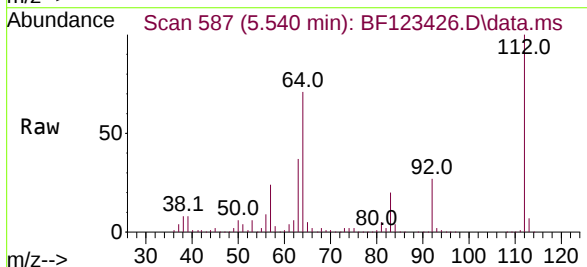
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

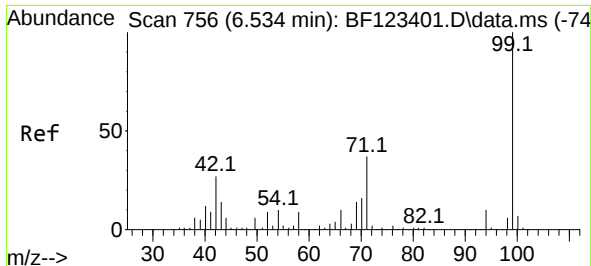
Tgt Ion:152 Resp: 281410
Ion Ratio Lower Upper
152 100
150 147.6 125.8 188.6
115 59.3 49.3 73.9



#5
2-Fluorophenol
Concen: 73.16 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:112 Resp: 1258458
Ion Ratio Lower Upper
112 100
64 70.8 46.9 70.3#
63 37.1 24.5 36.7#

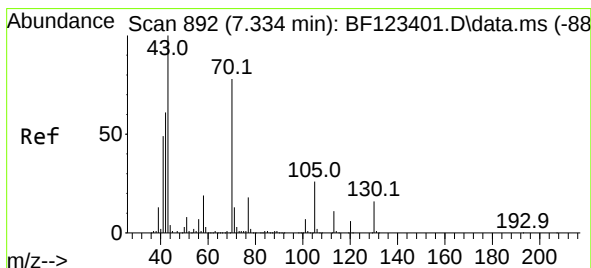
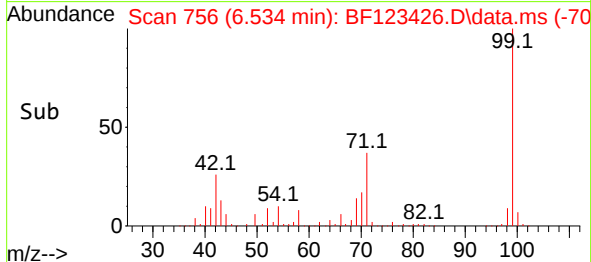
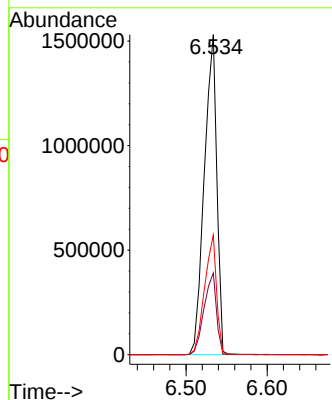
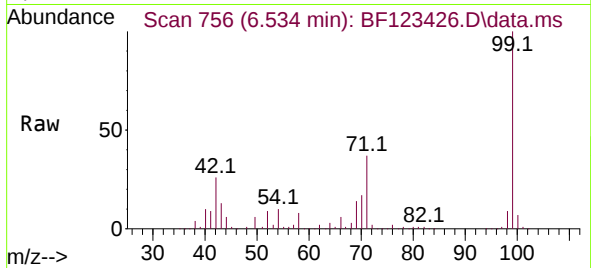




#7
Phenol-d6
Concen: 71.57 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

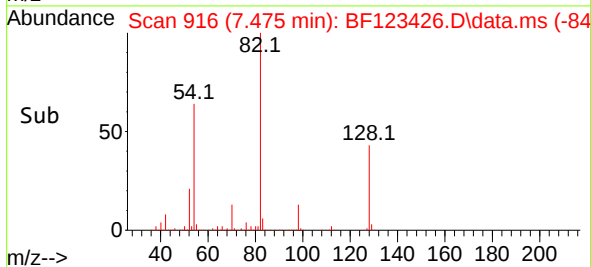
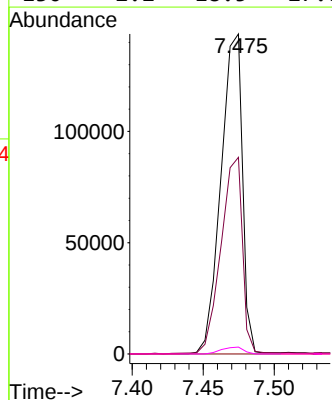
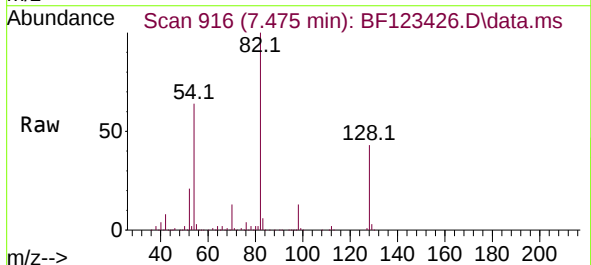
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

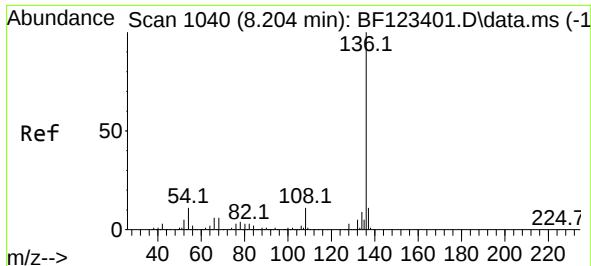
Tgt Ion: 99 Resp: 1638819
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 37.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.23 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion: 70 Resp: 151506
Ion Ratio Lower Upper
70 100
42 61.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



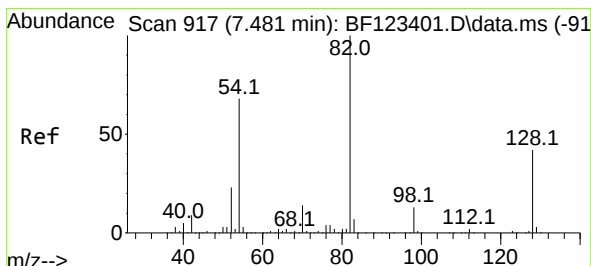
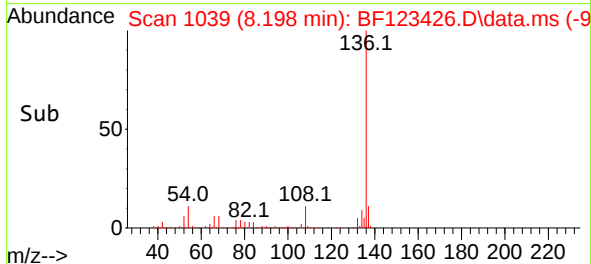
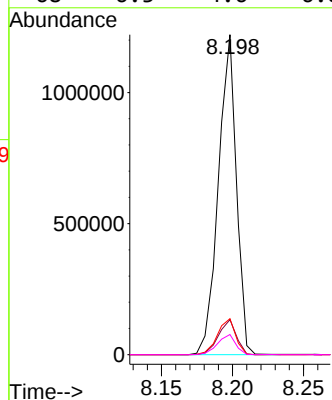
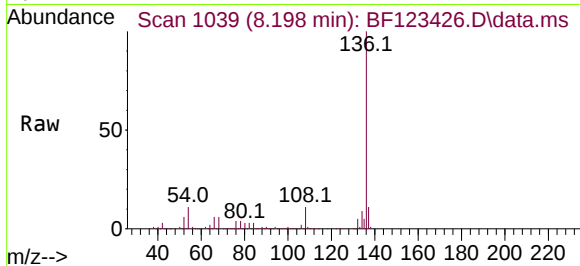


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

Tgt Ion:136 Resp: 1075562

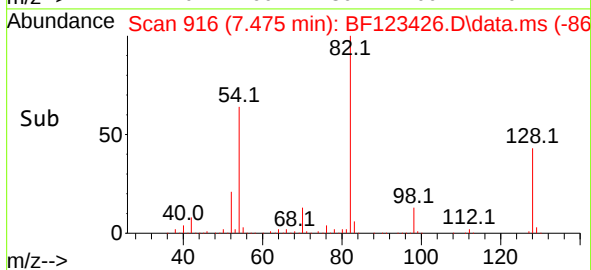
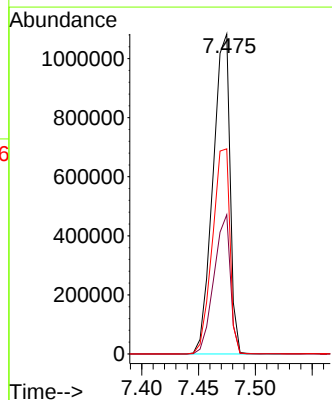
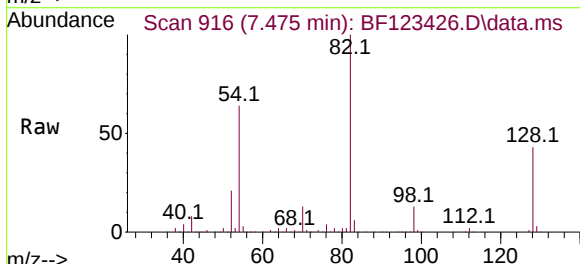
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.2	5.5	8.3#
68	6.3	4.6	6.8

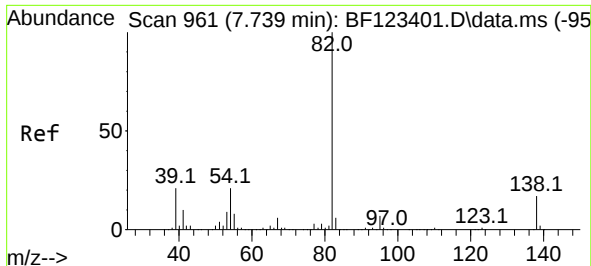


#23
Nitrobenzene-d5
Concen: 56.87 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion: 82 Resp: 1133353

Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.0	55.4
54	64.1	38.4	57.6#

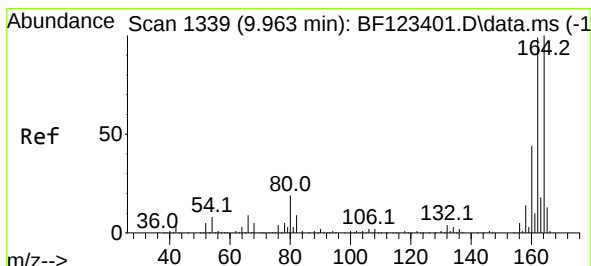
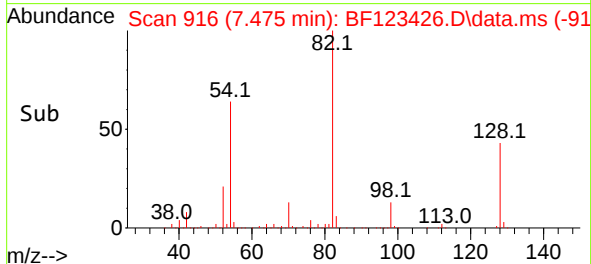
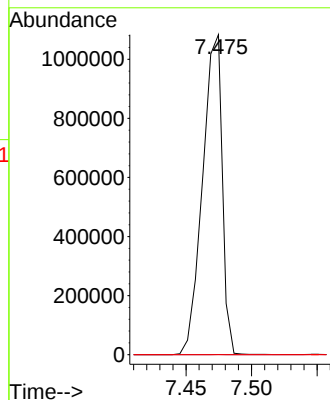
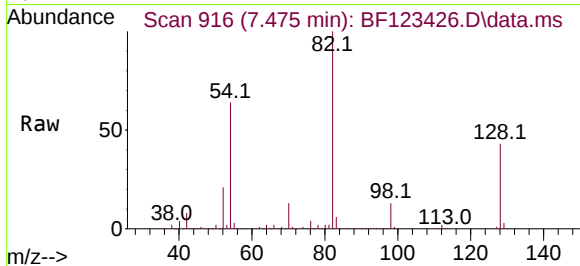




#25
Isophorone
Concen: 26.38 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

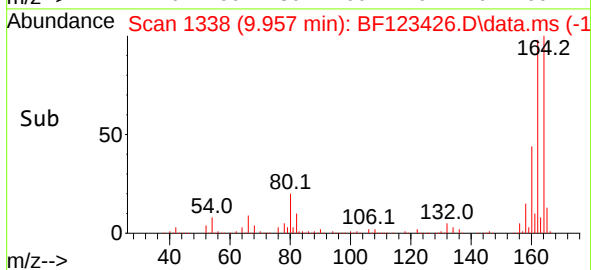
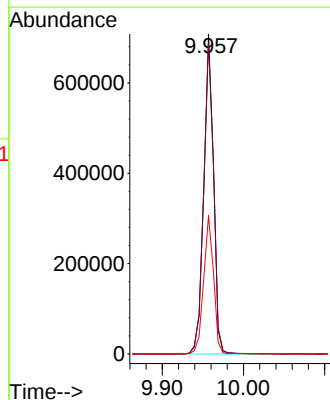
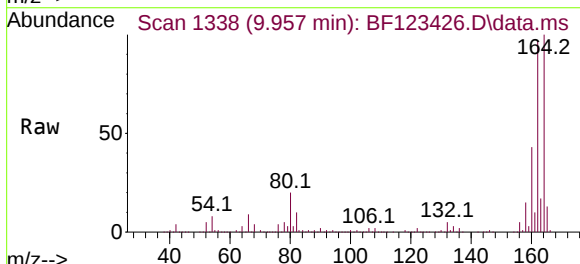
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

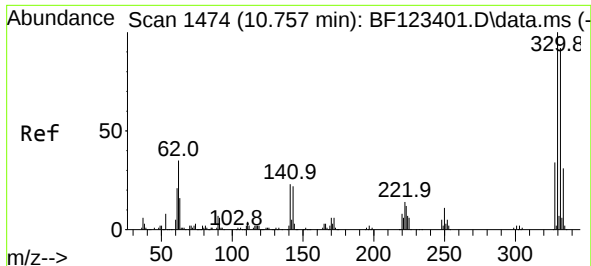
Tgt Ion: 82 Resp: 1130190
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:164 Resp: 588363
Ion Ratio Lower Upper
164 100
162 97.1 80.8 121.2
160 43.3 35.4 53.0

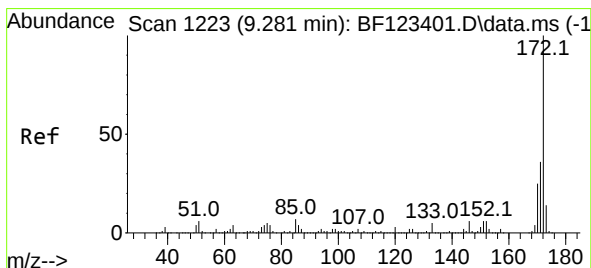
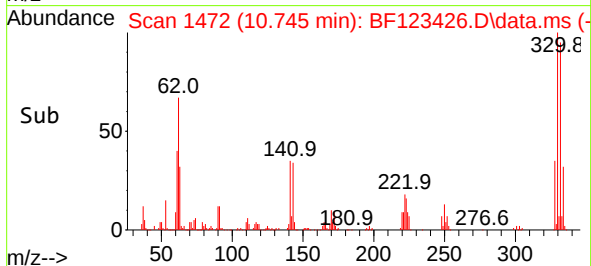
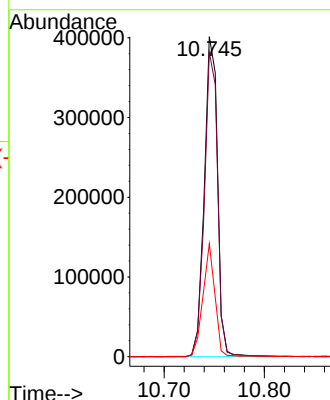
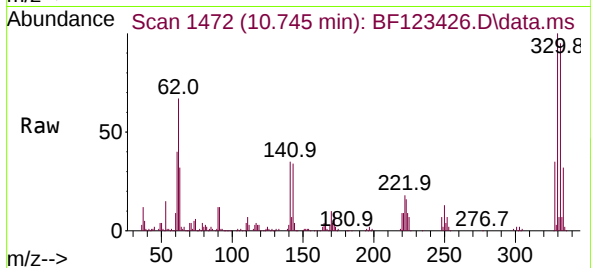




#42
2,4,6-Tribromophenol
Concen: 56.08 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

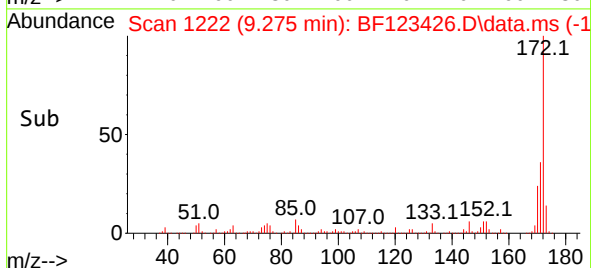
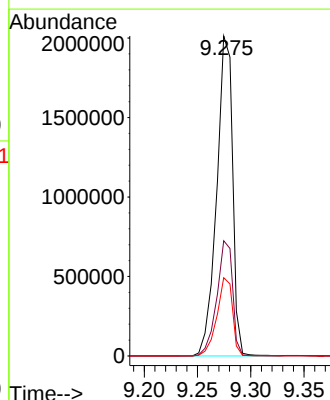
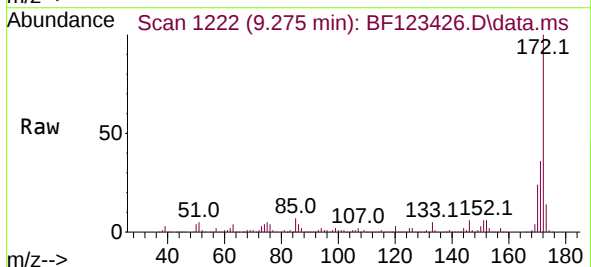
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EXTERNAL-PAD-2

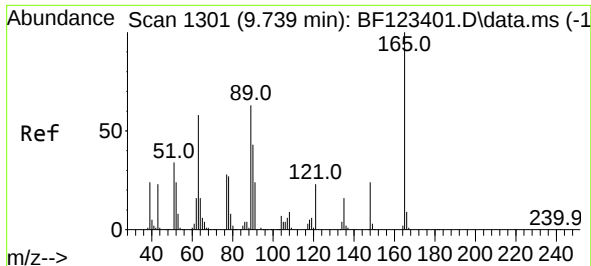
Tgt Ion: 330 Resp: 368867
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 32.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 50.86 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion: 172 Resp: 2094684
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.5 19.5 29.3

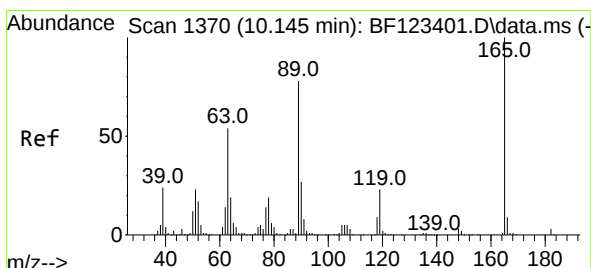
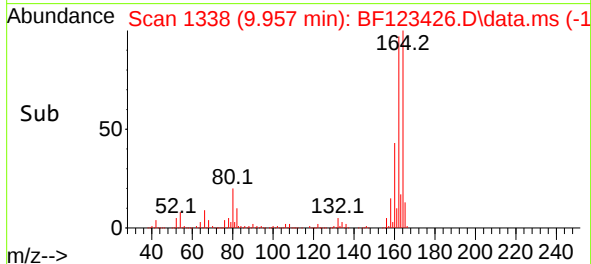
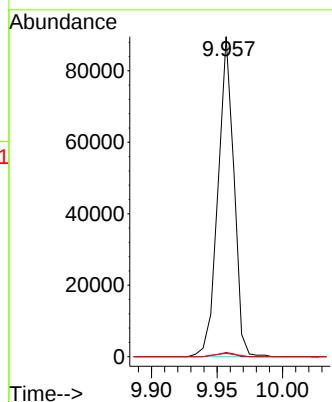
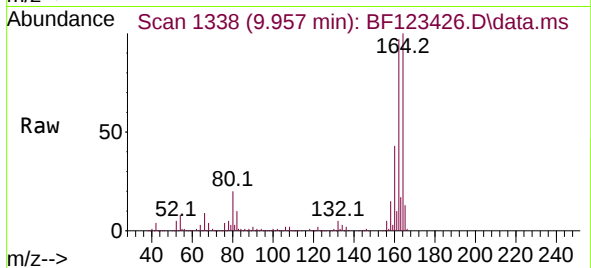




#51
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

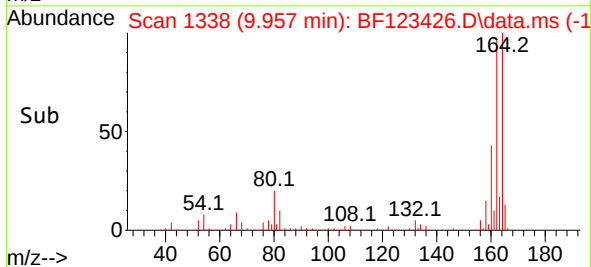
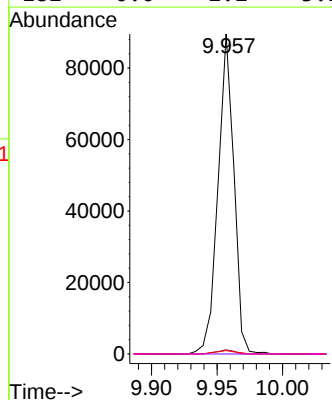
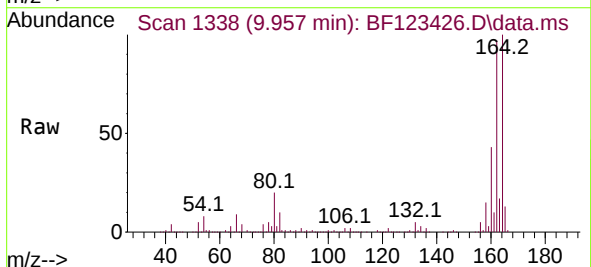
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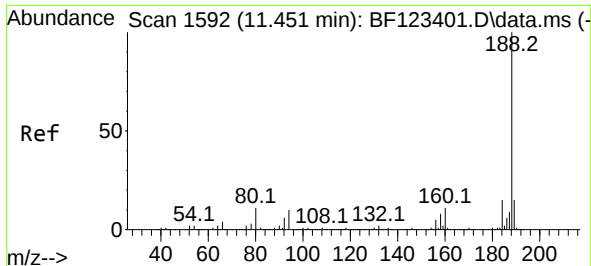
Tgt Ion:165 Resp: 75315
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:165 Resp: 75315
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

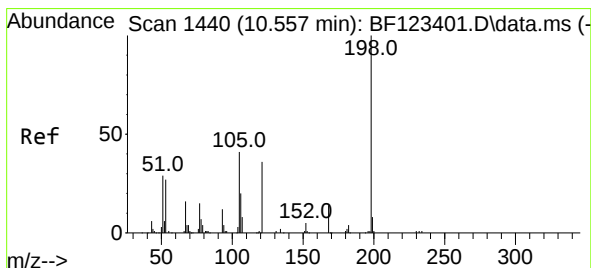
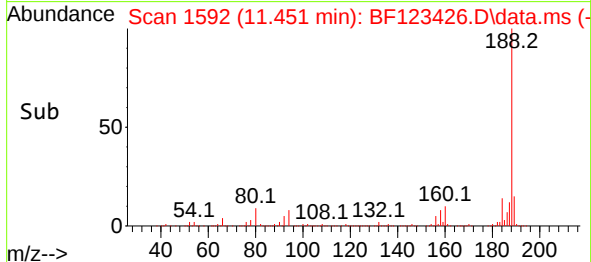
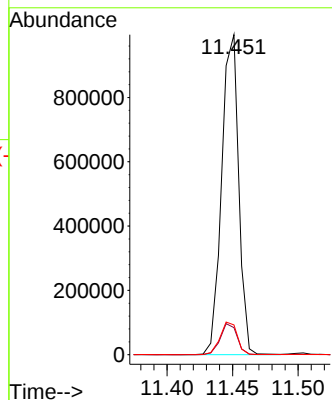
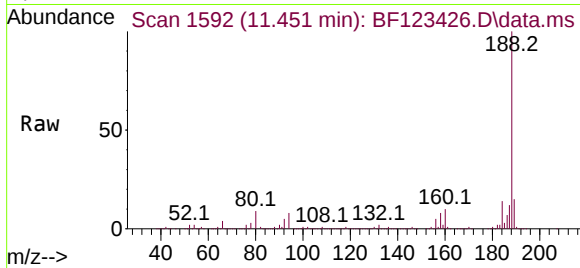




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

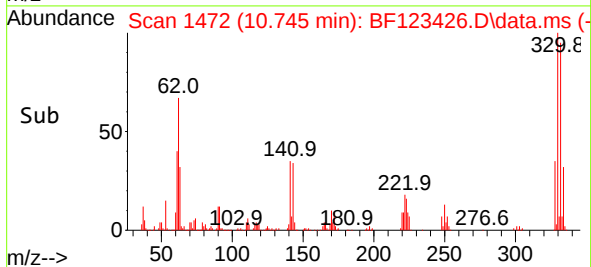
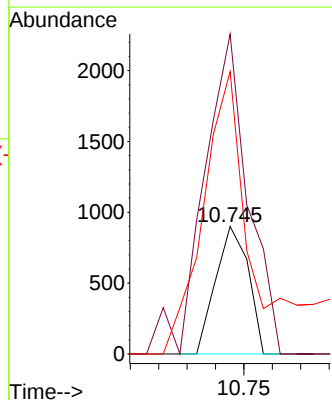
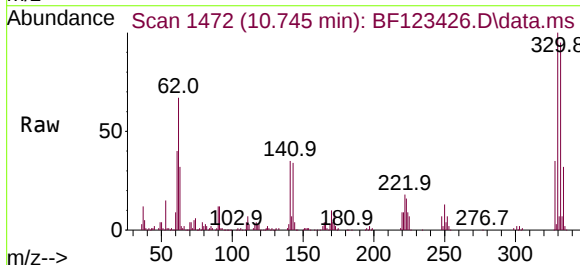
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BNA_F
ClientSampleId :
EXTERNAL-PAD-2

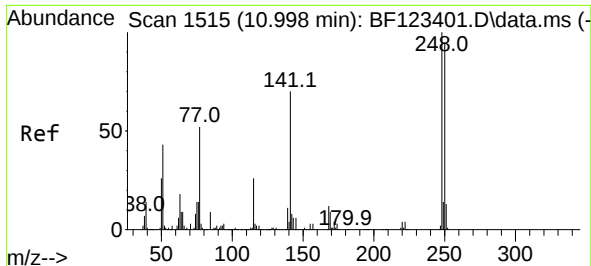
Tgt Ion:188 Resp: 897322
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:198 Resp: 718
Ion Ratio Lower Upper
198 100
51 251.0 20.3 60.3#
105 221.6 23.0 63.0#

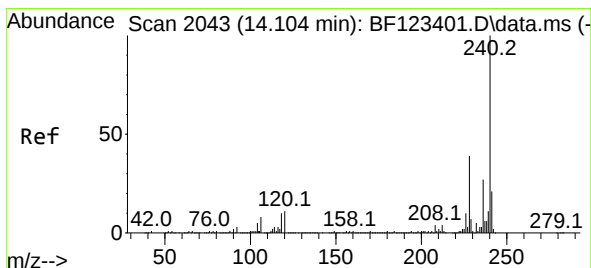
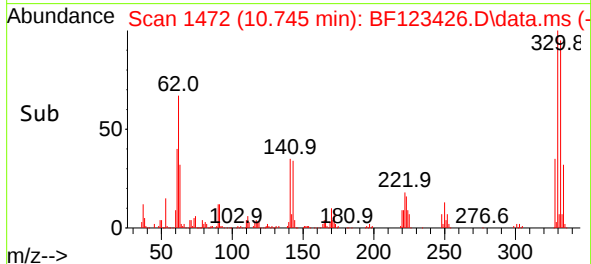
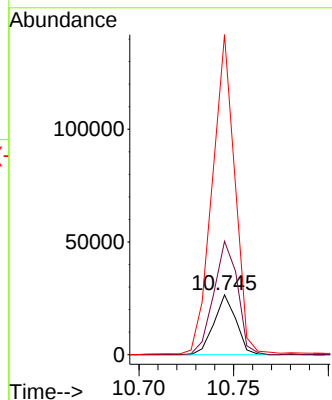
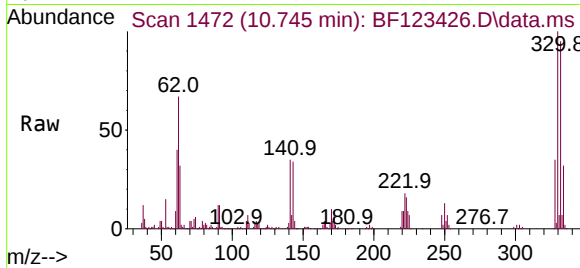




#67
4-Bromophenyl-phenylether
Concen: 2.03 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

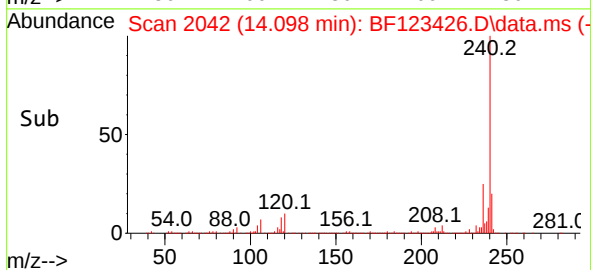
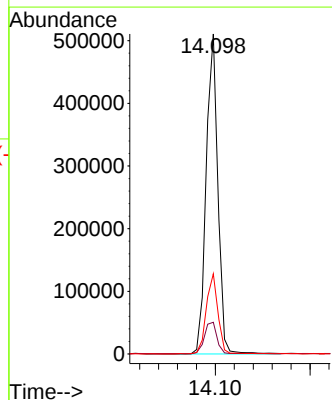
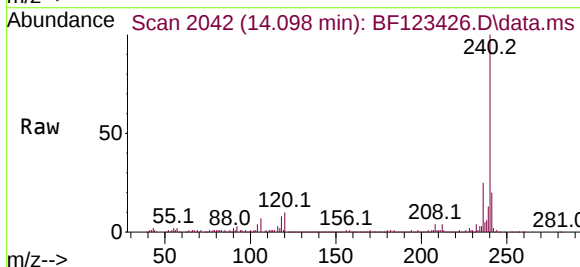
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

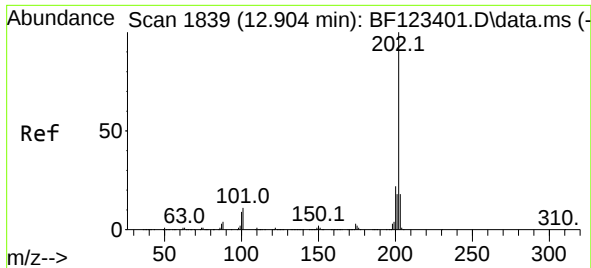
Tgt Ion:248 Resp: 21533
Ion Ratio Lower Upper
248 100
250 189.7 76.8 115.2#
141 534.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:240 Resp: 437316
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.0 20.3 30.5

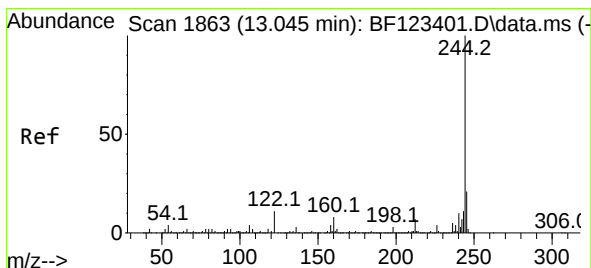
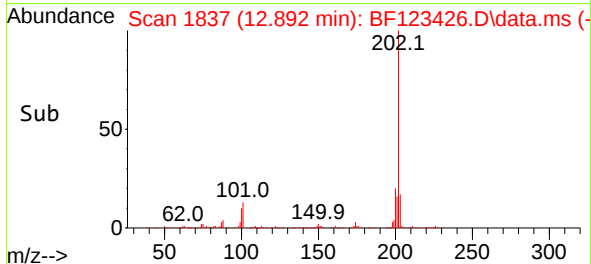
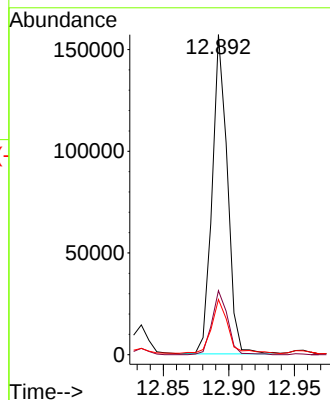
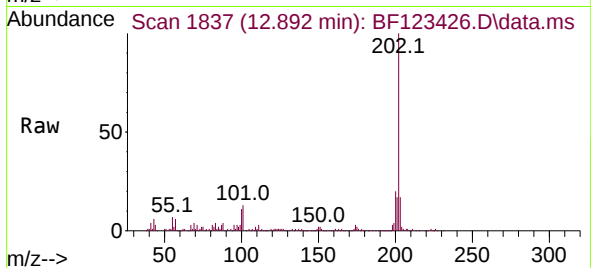




#78
Pyrene
Concen: 3.37 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

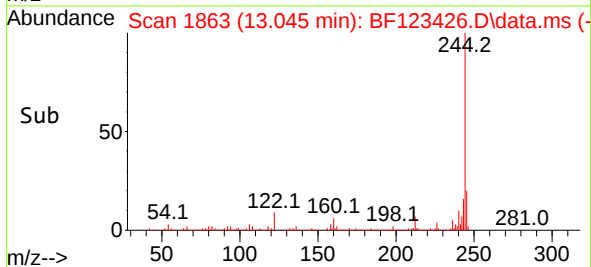
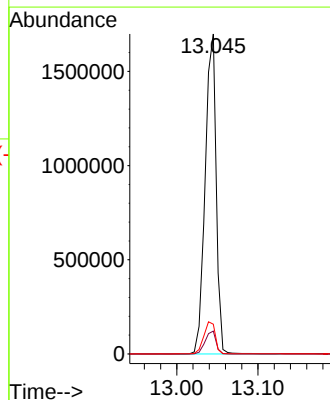
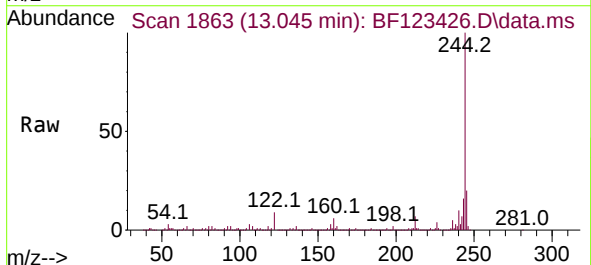
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

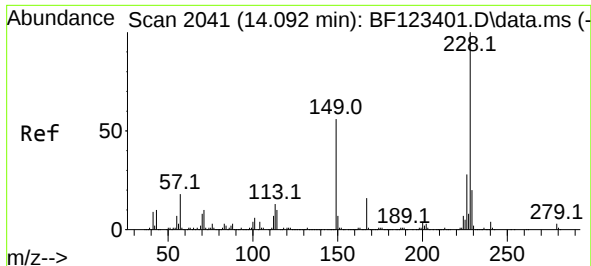
Tgt Ion:202 Resp: 126993
Ion Ratio Lower Upper
202 100
200 20.0 17.6 26.4
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 61.93 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:244 Resp: 1597910
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.3 8.3 12.5

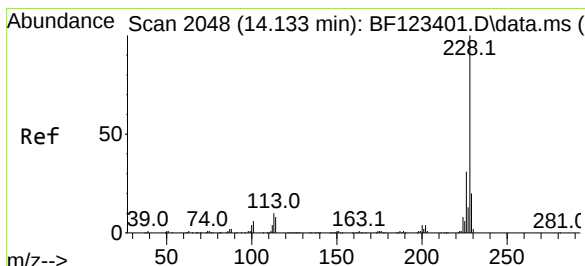
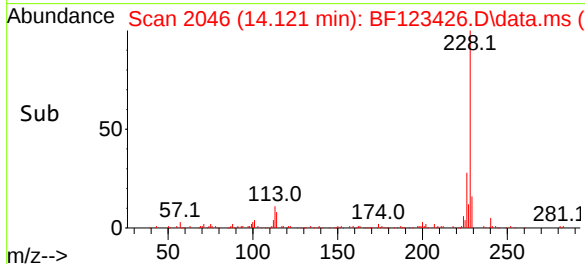
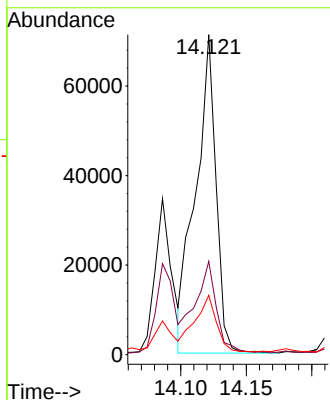
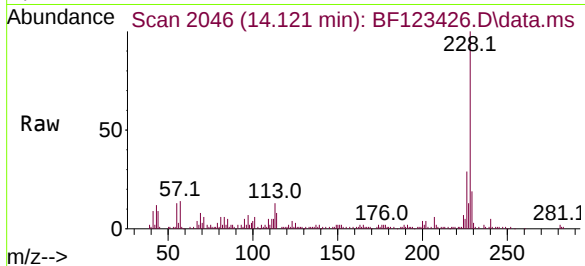




#81
Benzo(a)anthracene
Concen: 2.69 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.029 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

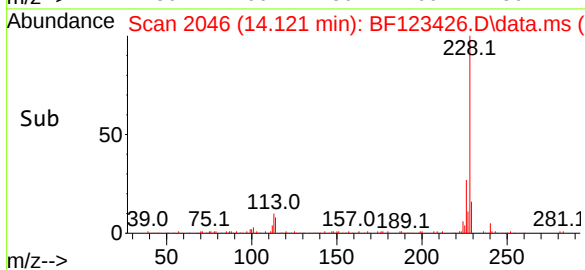
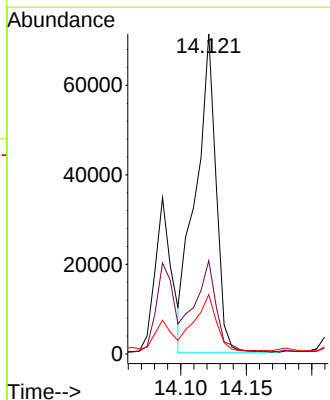
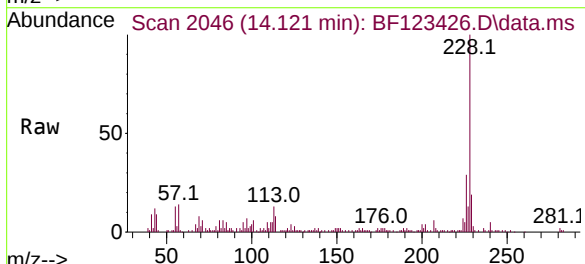
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

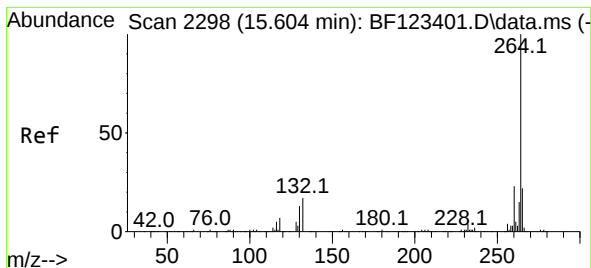
Tgt Ion:228	Resp:	76997
Ion Ratio	Lower	Upper
228	100	
226	29.1	23.0 34.4
229	18.6	16.6 24.8



#83
Chrysene
Concen: 2.61 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:228	Resp:	76997
Ion Ratio	Lower	Upper
228	100	
226	29.1	24.6 36.8
229	18.6	15.8 23.6



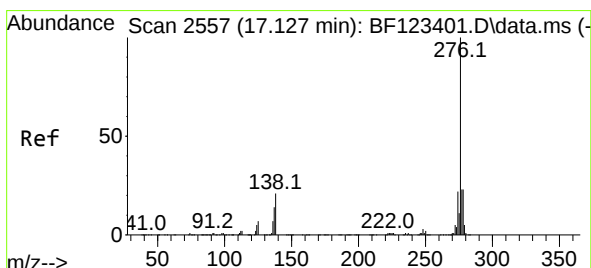
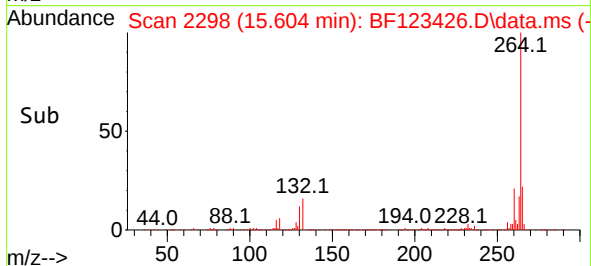
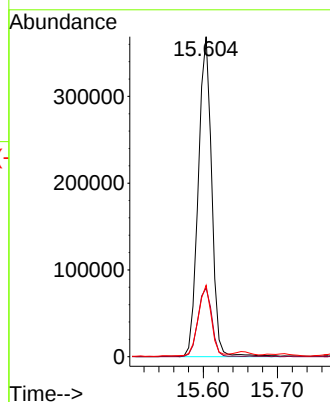
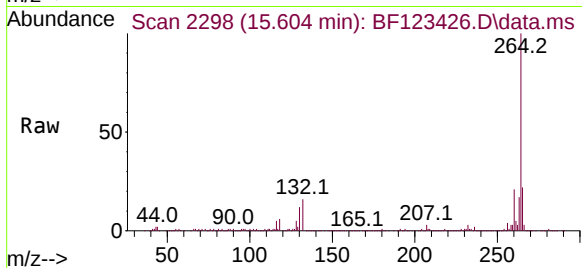


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

Tgt Ion:264 Resp: 462719

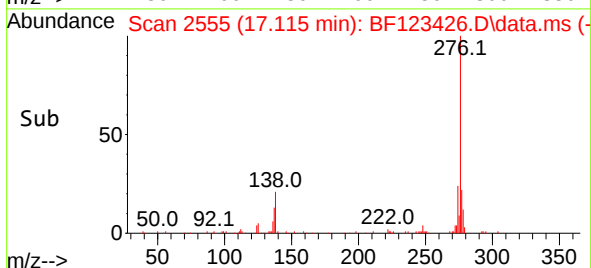
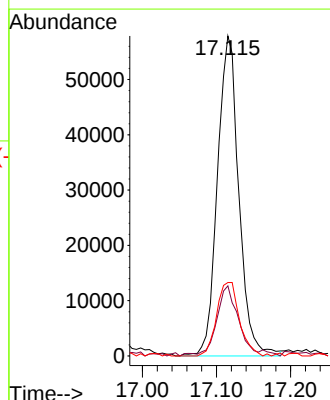
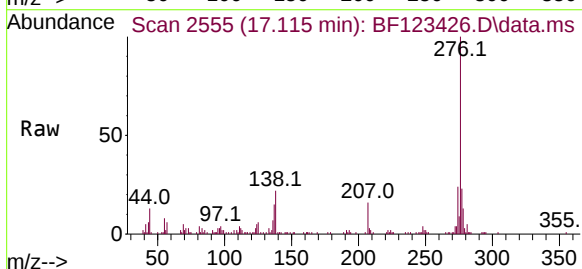
Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	28.0
265	22.3	17.0	25.6

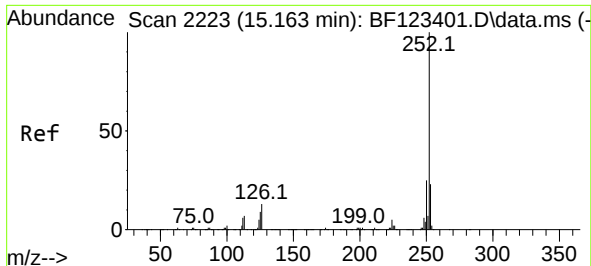


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:276 Resp: 116249

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.7	28.1
277	24.3	20.2	30.4

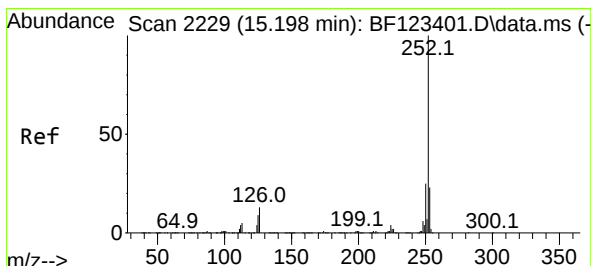
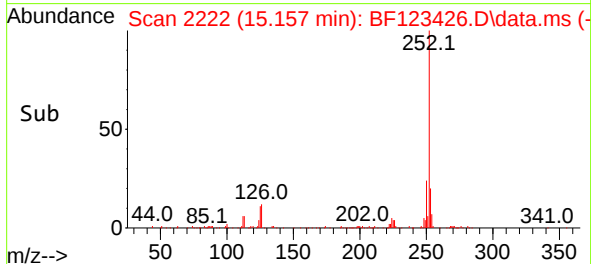
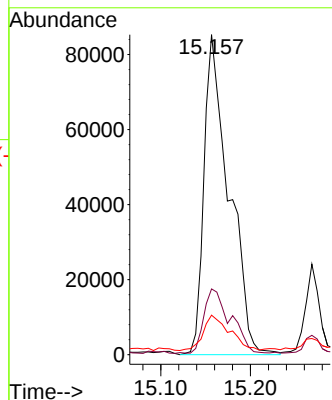
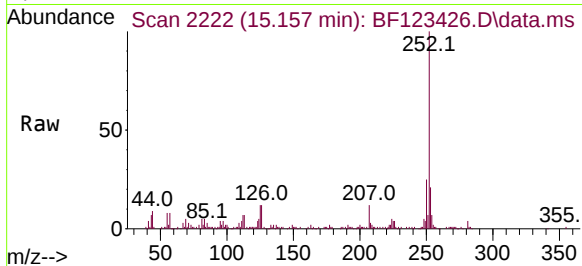




#88
Benzo(b)fluoranthene
Concen: 5.17 ng
RT: 15.157 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

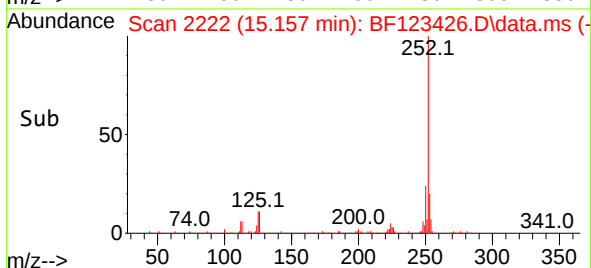
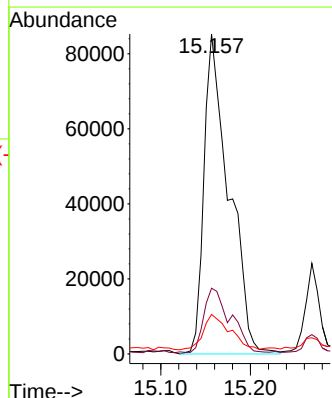
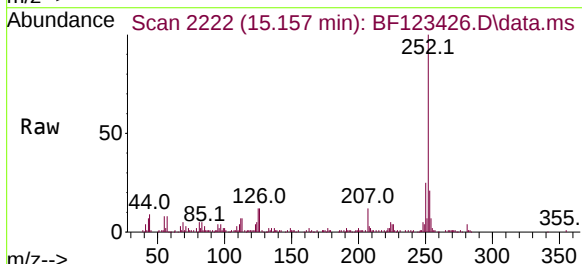
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

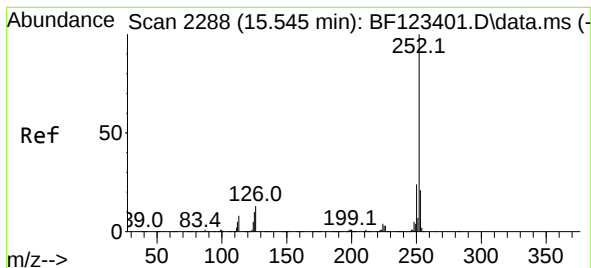
Tgt Ion:252 Resp: 164947
Ion Ratio Lower Upper
252 100
253 20.5 18.3 27.5
125 12.4 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 5.47 ng
RT: 15.157 min Scan# 2222
Delta R.T. -0.041 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:252 Resp: 164947
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 12.4 8.4 12.6

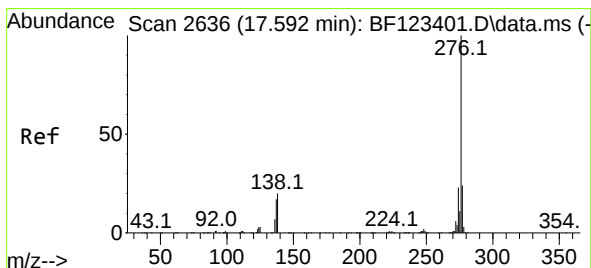
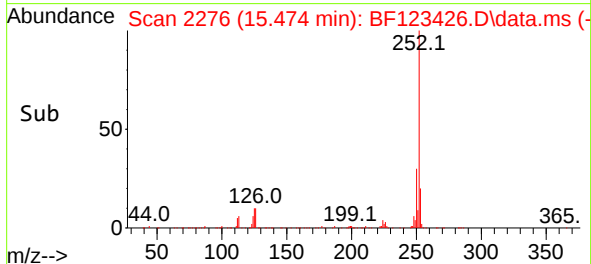
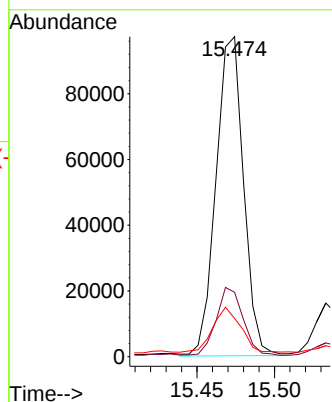
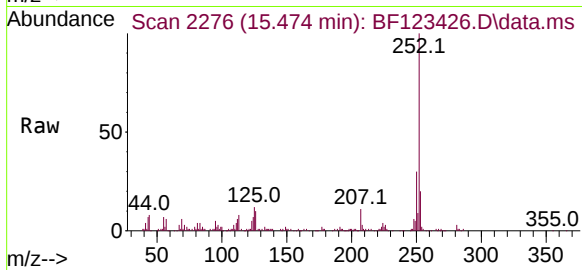




#90
Benzo(a)pyrene
Concen: 4.36 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.071 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

Tgt Ion:252 Resp: 120069
Ion Ratio Lower Upper
252 100
253 20.1 17.5 26.3
125 12.0 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 7.53 ng
RT: 17.574 min Scan# 2633
Delta R.T. -0.018 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion:276 Resp: 184073
Ion Ratio Lower Upper
276 100
277 24.3 19.3 28.9
138 19.8 16.6 24.8

