

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
 Data File : BF123579.D
 Acq On : 15 Apr 2021 21:28
 Operator : JU/CG
 Sample : M2049-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-5.5-6.0

Quant Time: Apr 16 00:31:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 15:43:17 2021
 Response via : Initial Calibration

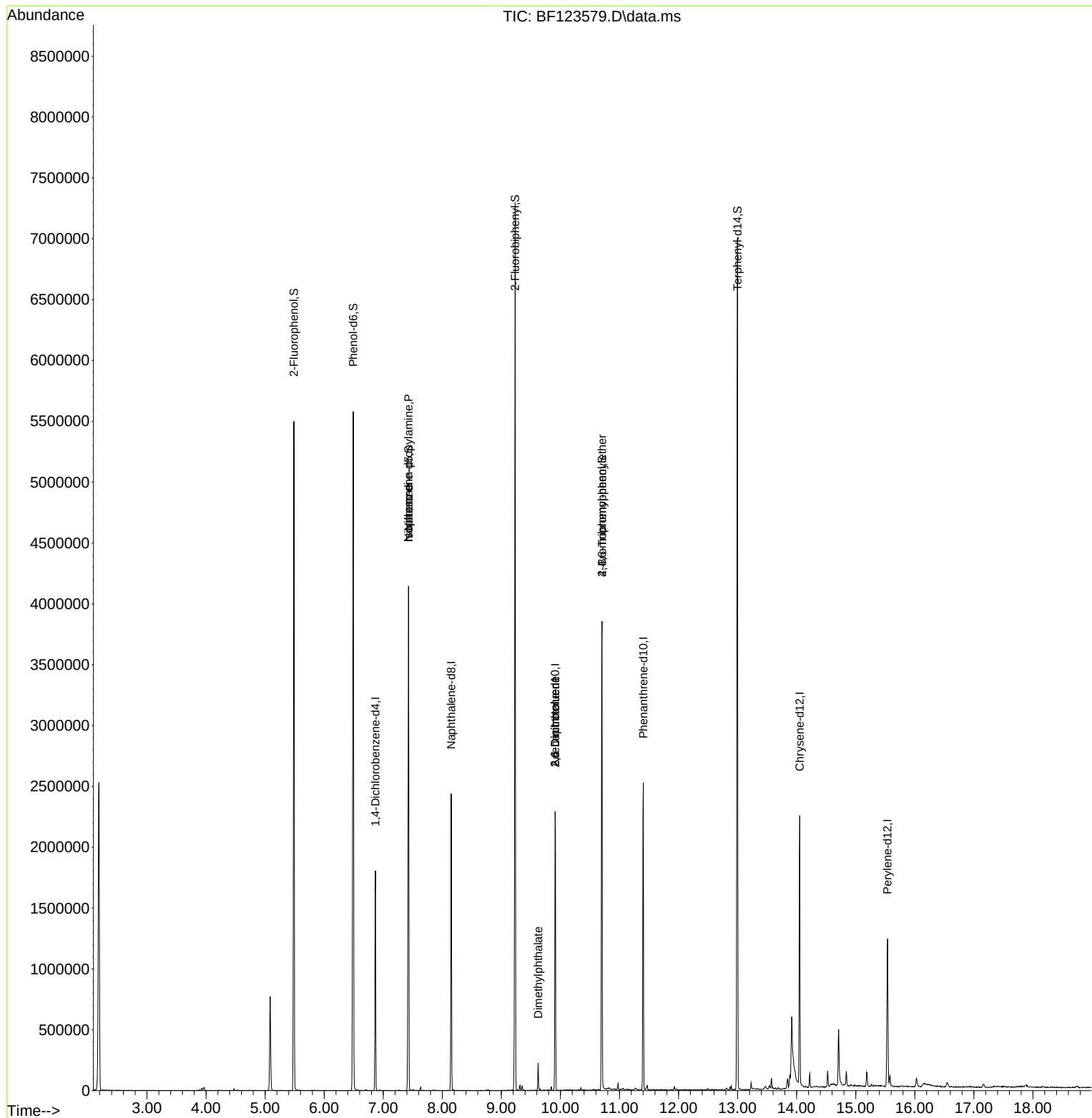
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	238649	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	895608	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	451992	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	895013	20.00	ng	0.00
76) Chrysene-d12	14.051	240	748173	20.00	ng	0.00
86) Perylene-d12	15.539	264	572045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1252327	84.81	ng	0.00
7) Phenol-d6	6.492	99	1716421	83.89	ng	0.00
23) Nitrobenzene-d5	7.428	82	1271116	65.25	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	442622	86.48	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1991711	65.69	ng	0.00
79) Terphenyl-d14	12.998	244	2262052	58.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	176350	13.01	ng	# 76
25) Isophorone	7.428	82	1268699	33.57	ng	# 69
50) Dimethylphthalate	9.622	163	69606	2.23	ng	# 98
51) 2,6-Dinitrotoluene	9.910	165	56925	8.30	ng	# 12
57) 2,4-Dinitrotoluene	9.910	165	56925	6.22	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	24843	2.66	ng	# 1
89) Benzo(k)fluoranthene	15.127	252	656	Below Cal		# 78

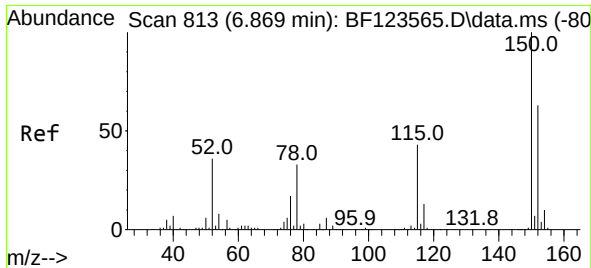
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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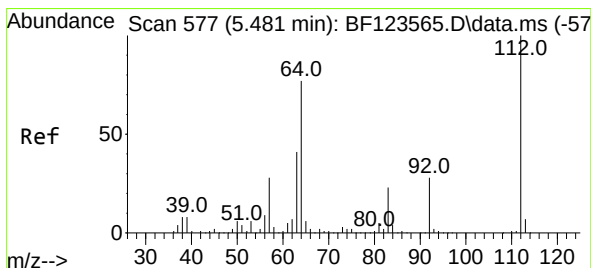
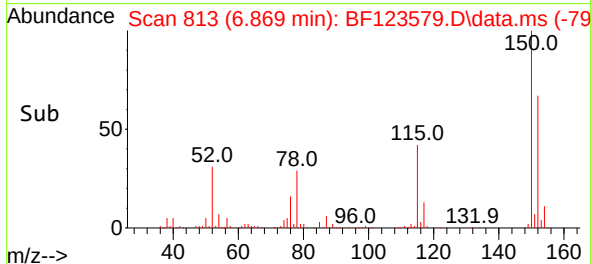
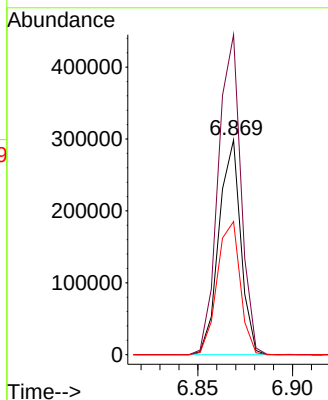
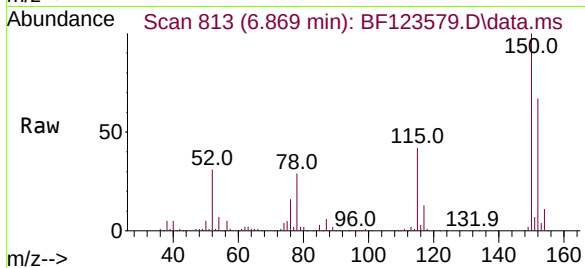




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

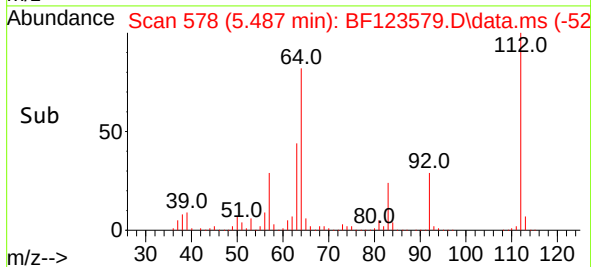
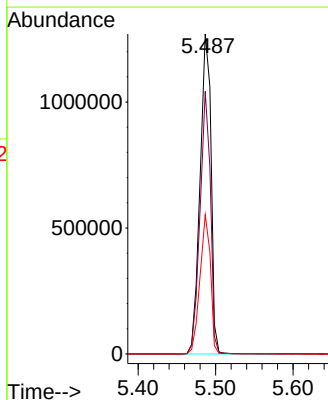
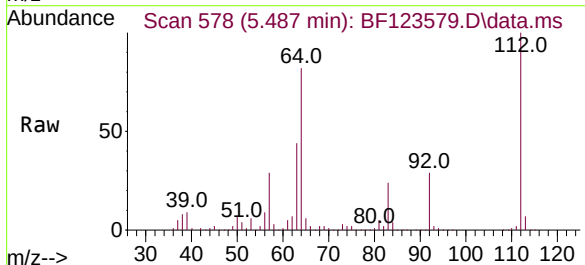
Instrument :
BNA_F
ClientSampleId :
SB-09-5.5-6.0

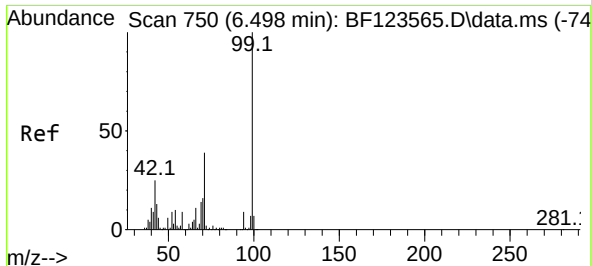
Tgt Ion:152 Resp: 238649
Ion Ratio Lower Upper
152 100
150 149.1 127.0 190.6
115 62.0 54.3 81.5



#5
2-Fluorophenol
Concen: 84.81 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion:112 Resp: 1252327
Ion Ratio Lower Upper
112 100
64 82.0 61.4 92.0
63 43.5 33.0 49.4

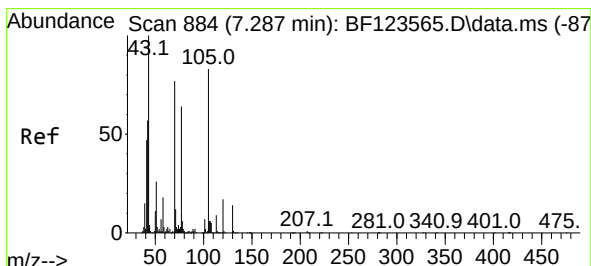
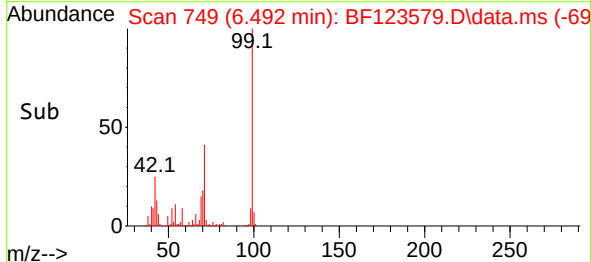
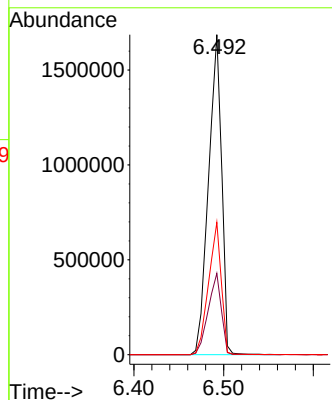
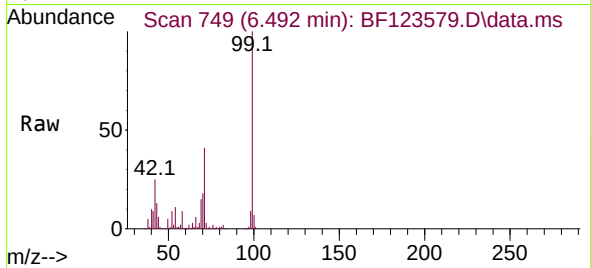




#7
Phenol-d6
Concen: 83.89 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

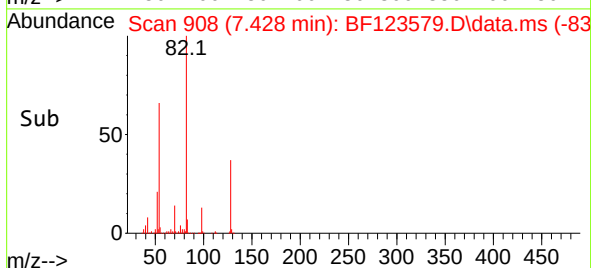
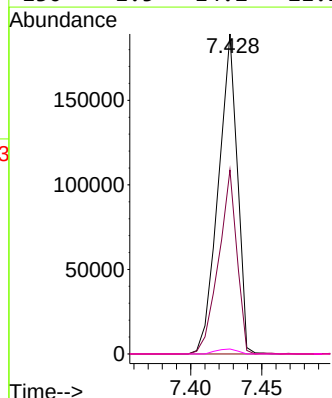
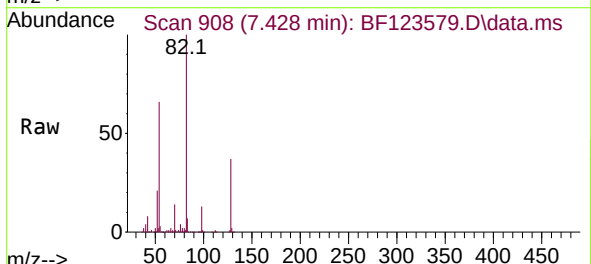
Instrument :
BNA_F
ClientSampleId :
SB-09-5.5-6.0

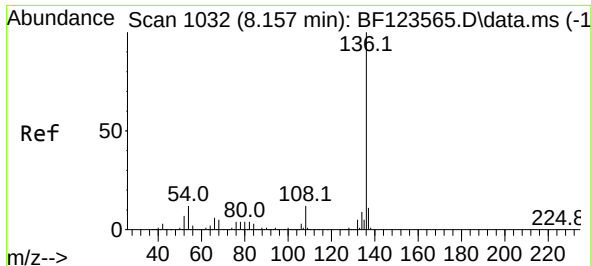
Tgt Ion: 99 Resp: 1716421
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.8
71 41.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.01 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion: 70 Resp: 176350
Ion Ratio Lower Upper
70 100
42 57.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

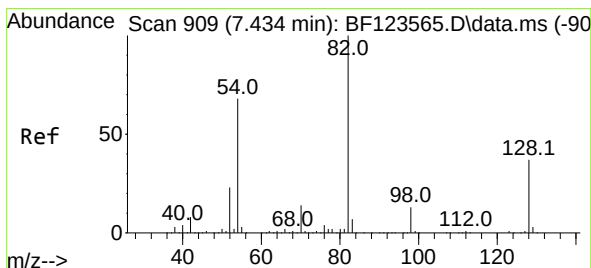
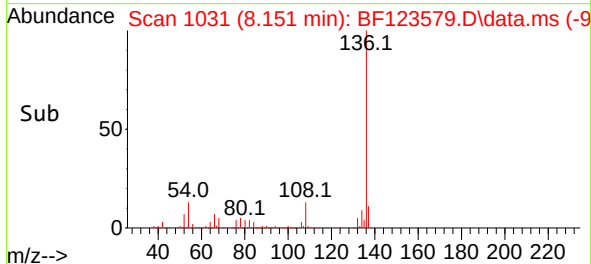
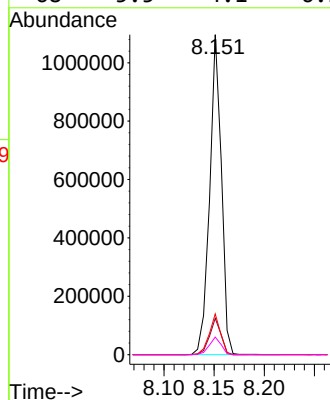
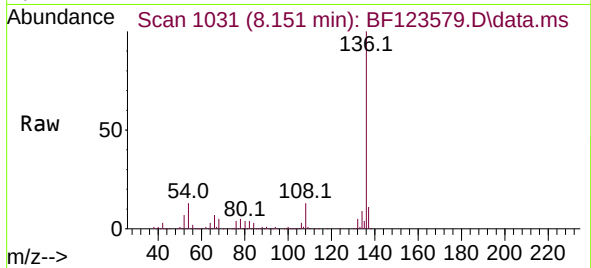




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

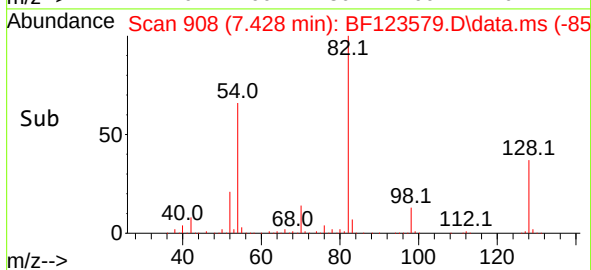
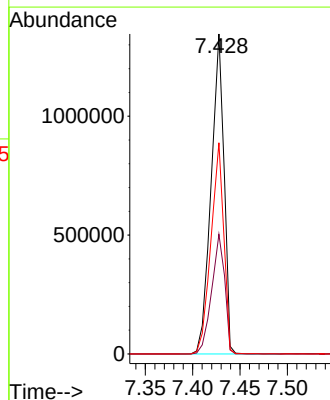
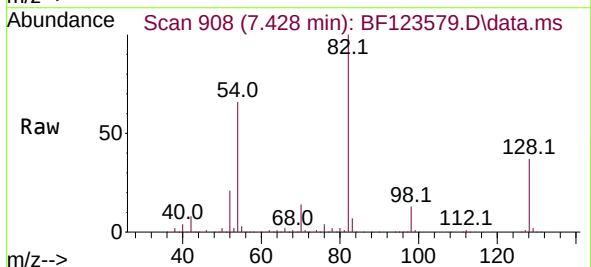
Instrument :
BNA_F
ClientSampleId :
SB-09-5.5-6.0

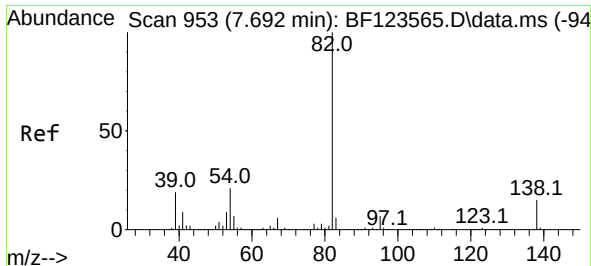
Tgt	Ion:136	Resp:	895608
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.7	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 65.25 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion: 82		Resp: 1271116	
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	66.0	54.1	81.1

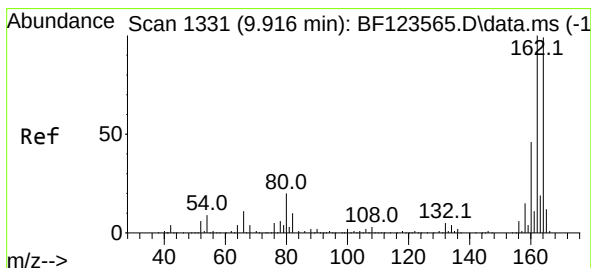
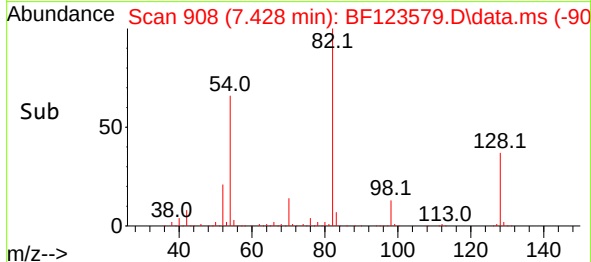
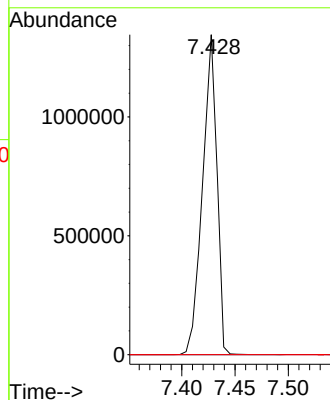
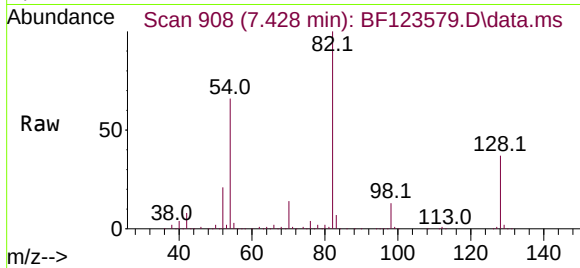




#25
Isophorone
Concen: 33.57 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

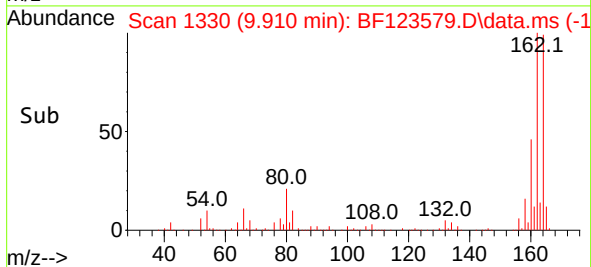
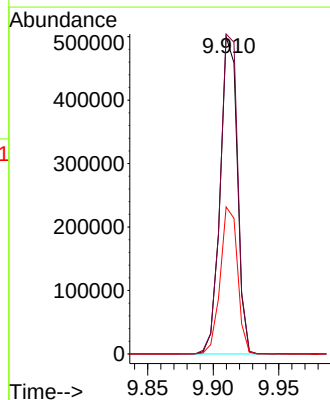
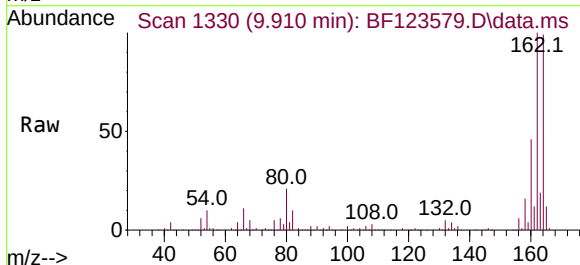
Instrument :
BNA_F
ClientSampleId :
SB-09-5.5-6.0

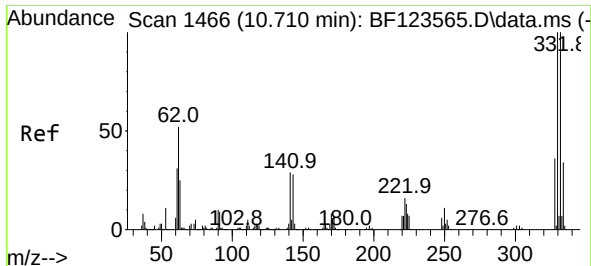
Tgt Ion: 82 Resp: 1268699
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion: 164 Resp: 451992
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 46.4 37.3 55.9

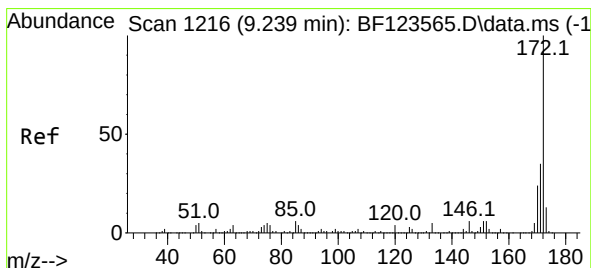
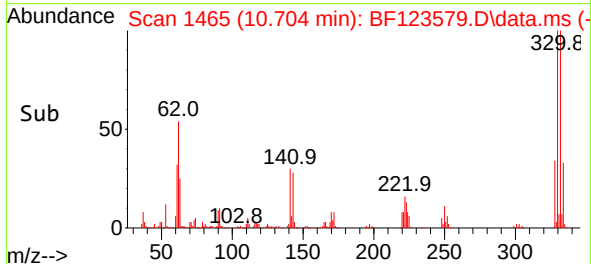
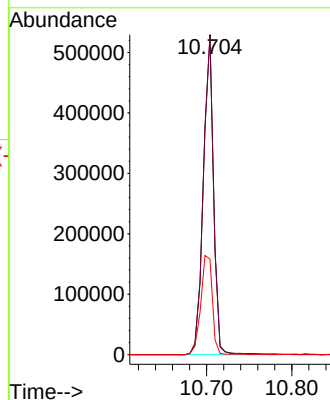
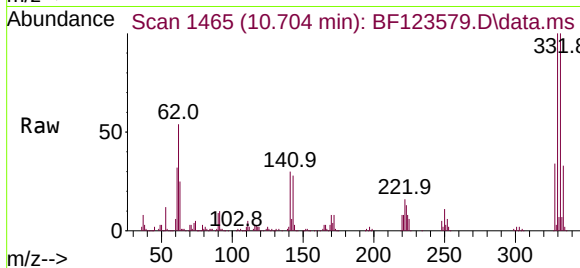




#42
2,4,6-Tribromophenol
Concen: 86.48 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

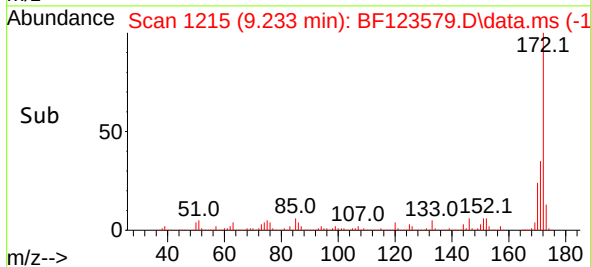
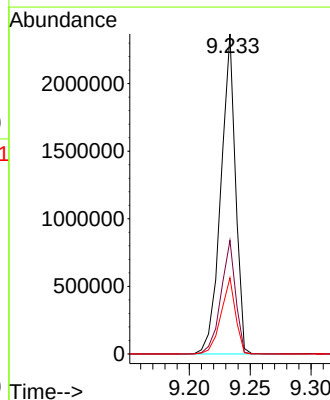
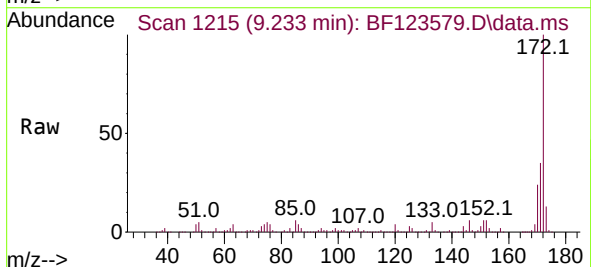
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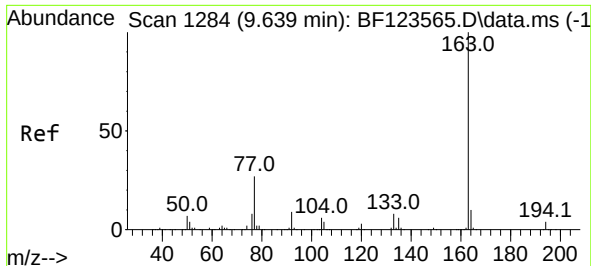
Tgt Ion: 330 Resp: 442622
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 35.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.69 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion: 172 Resp: 1991711
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.8 19.2 28.8

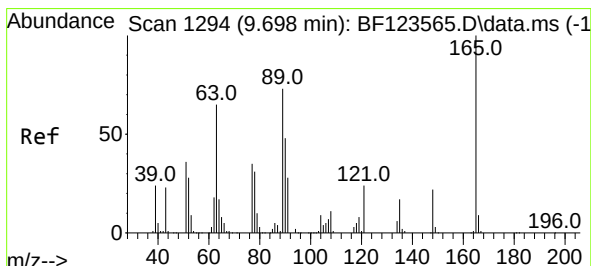
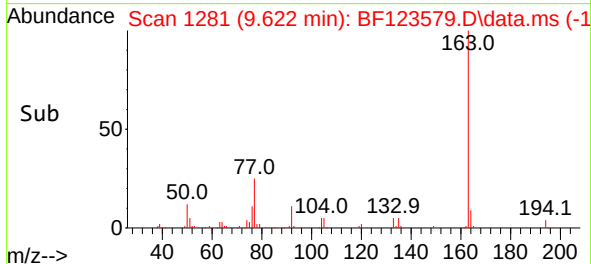
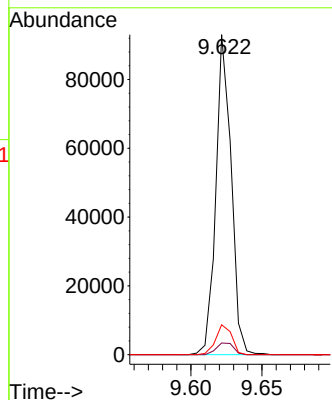
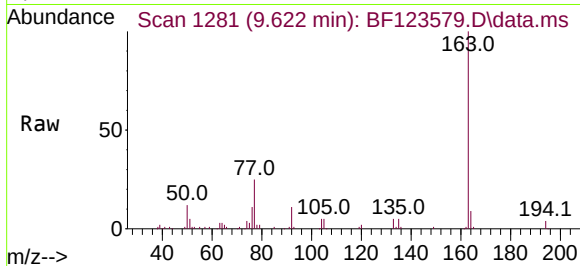




#50
Dimethylphthalate
Concen: 2.23 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

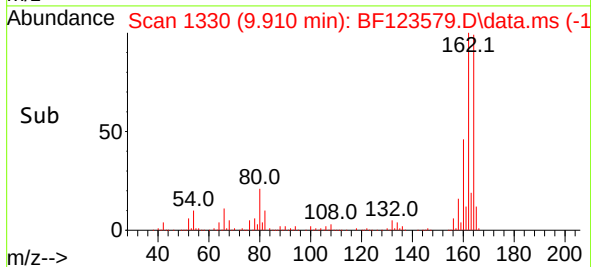
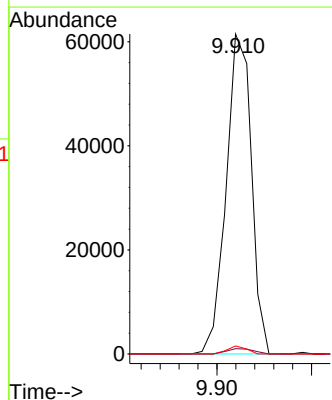
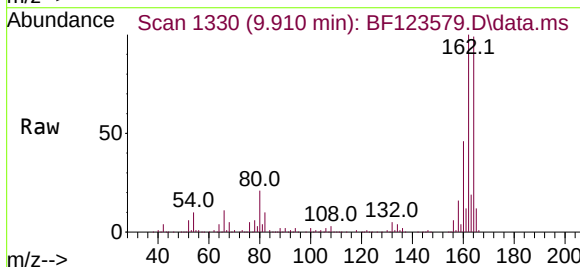
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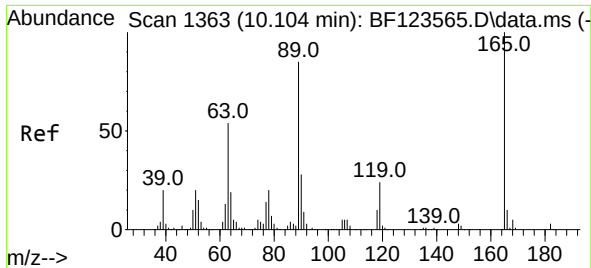
Tgt Ion:163 Resp: 69606
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion:165 Resp: 56925
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 2.5 58.8 88.2#

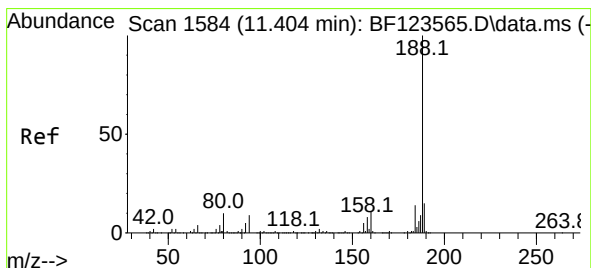
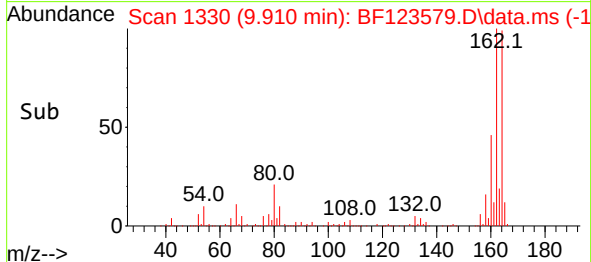
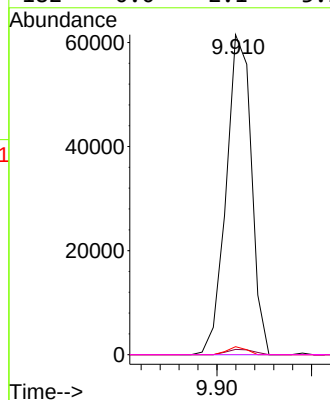
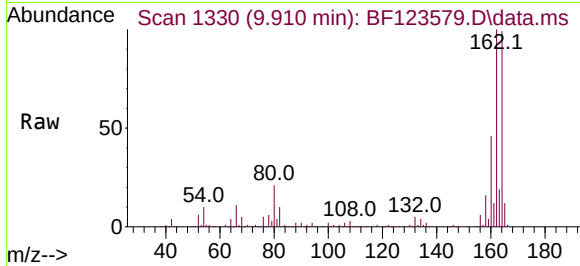




#57
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

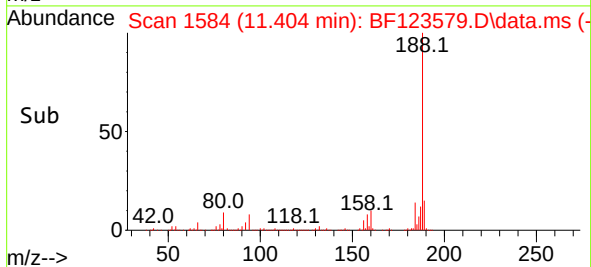
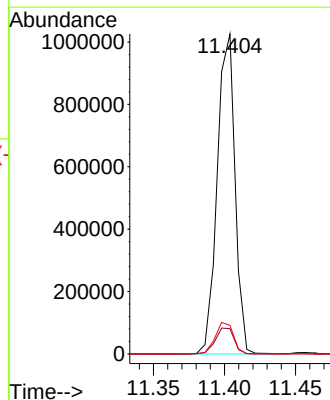
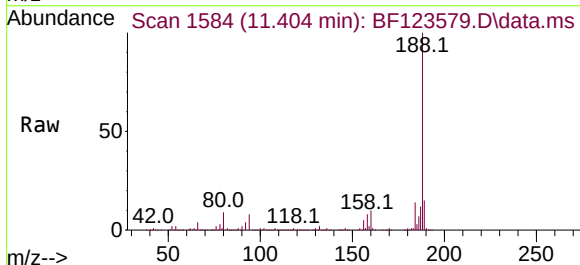
Instrument :
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ClientSampleId :
SB-09-5.5-6.0

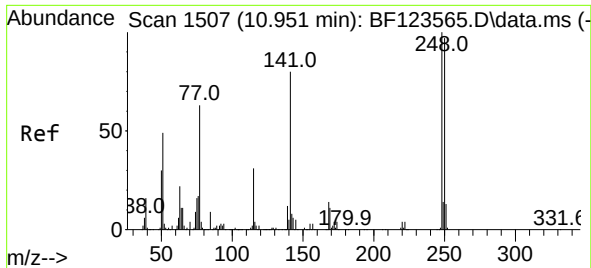
Tgt Ion:165	Resp:	56925
Ion Ratio	Lower	Upper
165	100	
63	1.7	43.5 65.3#
89	2.5	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion:188	Resp:	895013
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.9 10.3
80	8.9	8.2 12.2

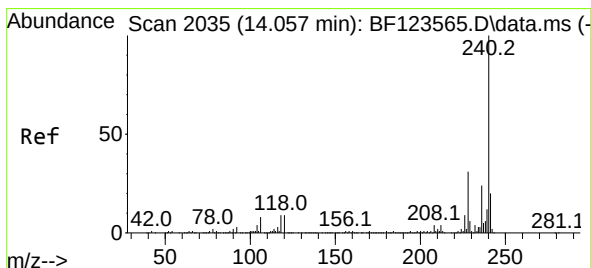
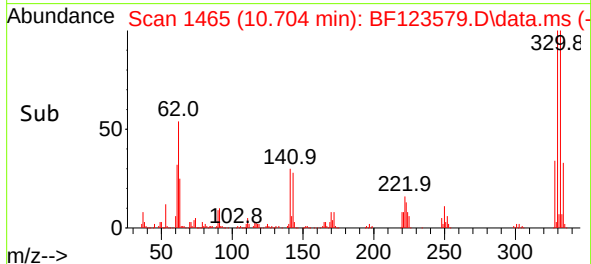
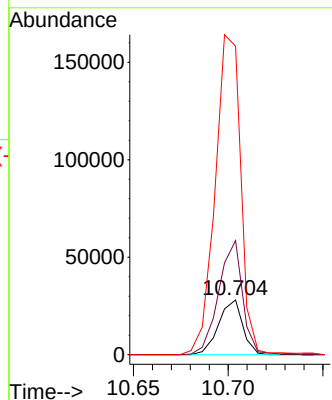
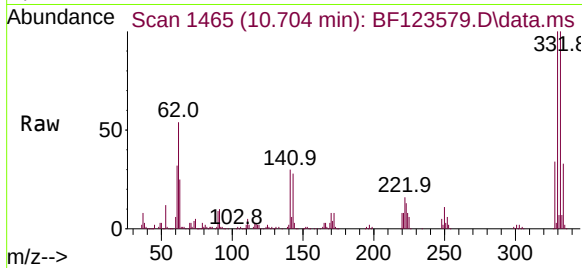




#67
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

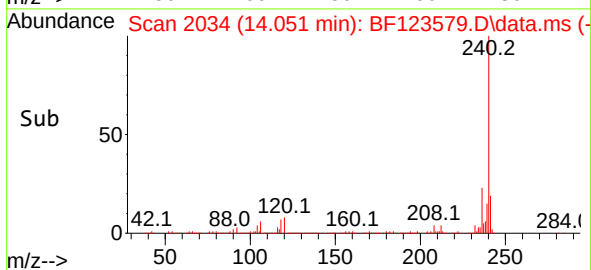
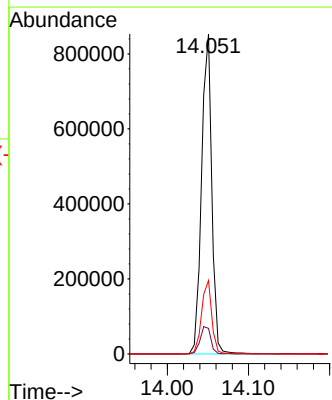
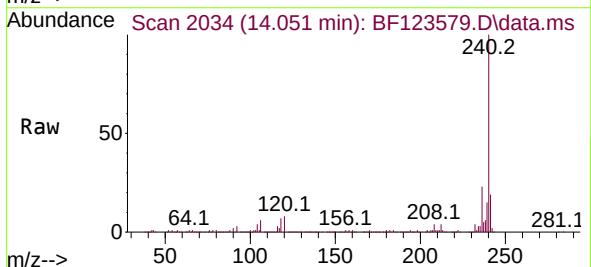
Instrument :
BNA_F
ClientSampleId :
SB-09-5.5-6.0

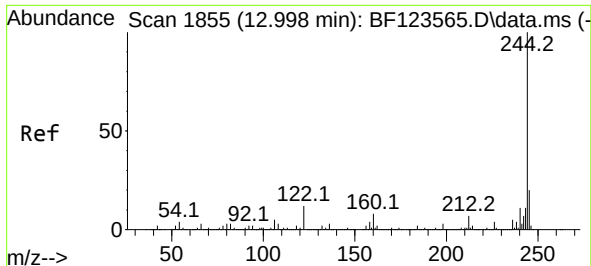
Tgt Ion:248 Resp: 24843
Ion Ratio Lower Upper
248 100
250 208.3 77.4 116.2#
141 563.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123579.D
Acq: 15 Apr 2021 21:28

Tgt Ion:240 Resp: 748173
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 22.9 19.0 28.4

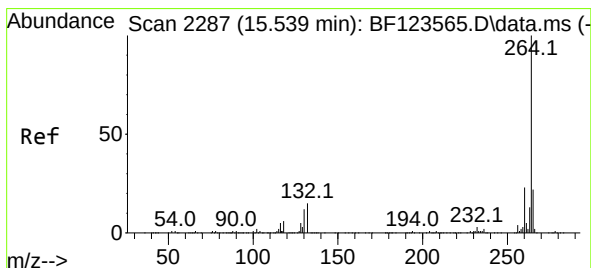
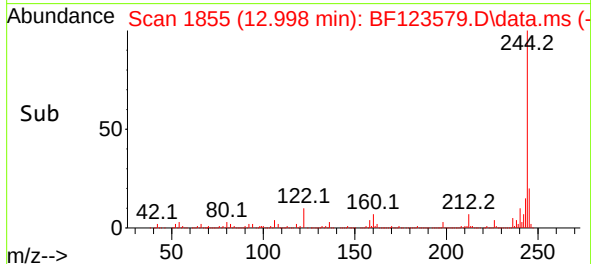
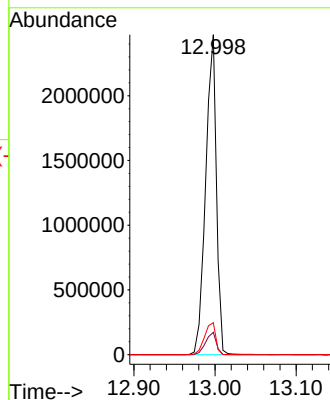
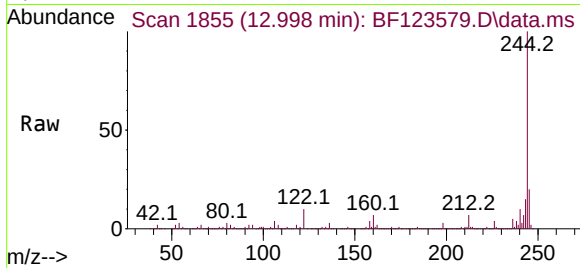




#79
 Terphenyl-d14
 Concen: 58.76 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF123579.D
 Acq: 15 Apr 2021 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-5.5-6.0

Tgt Ion:244 Resp: 2262052
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.0 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF123579.D
 Acq: 15 Apr 2021 21:28

Tgt Ion:264 Resp: 572045
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 20.3 17.8 26.8

