

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123598.D
 Acq On : 16 Apr 2021 18:35
 Operator : JU/CG
 Sample : M2049-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Apr 17 01:25:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

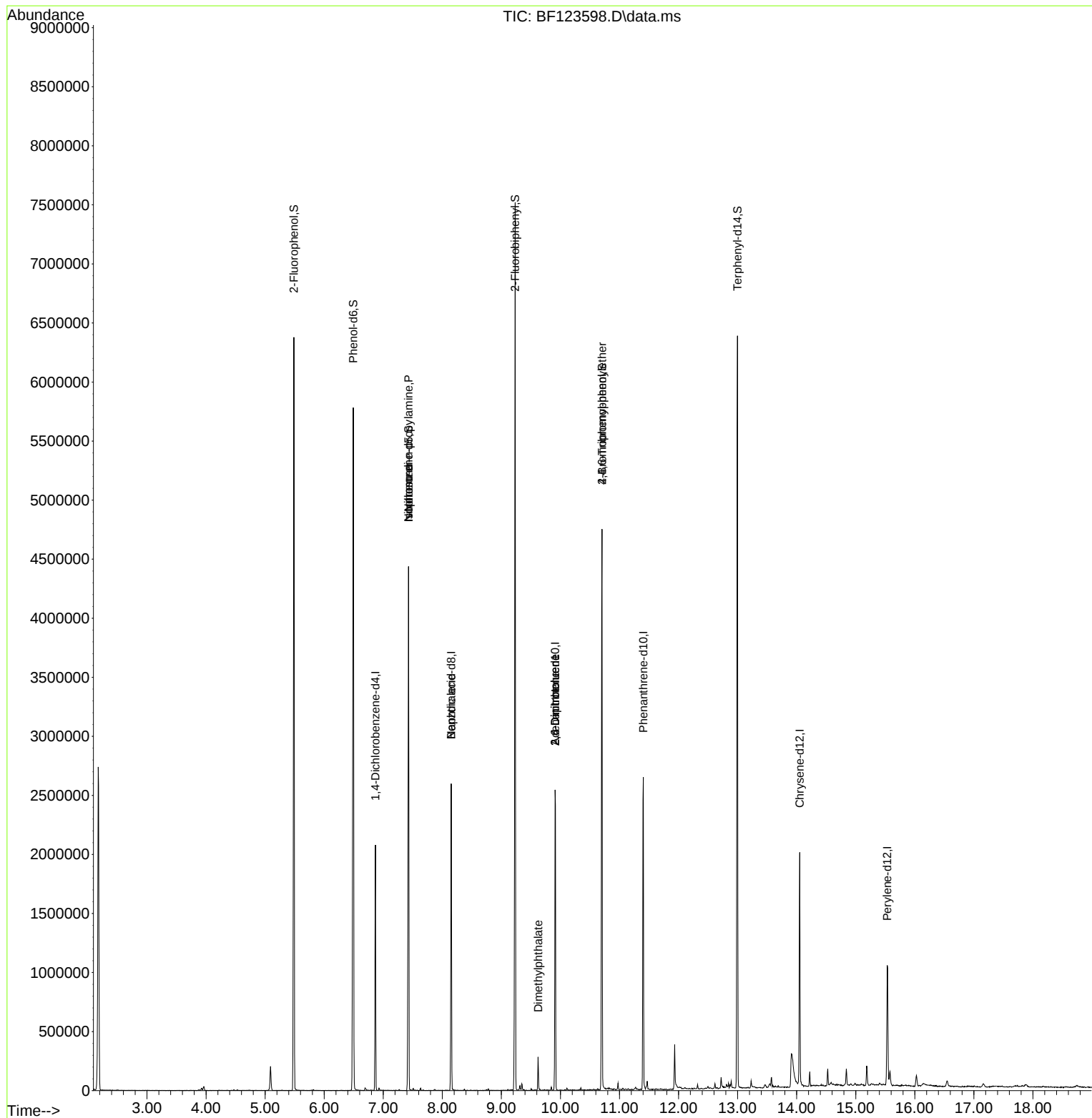
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	257766	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	998070	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	504348	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	959298	20.00	ng	0.00
76) Chrysene-d12	14.051	240	674910	20.00	ng	0.00
86) Perylene-d12	15.533	264	485899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1458386	91.44	ng	0.00
7) Phenol-d6	6.492	99	1903010	86.11	ng	0.00
23) Nitrobenzene-d5	7.428	82	1367779	63.00	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	547567	95.88	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2094630	61.91	ng	0.00
79) Terphenyl-d14	12.998	244	2083960	60.01	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	187616	12.82	ng	# 75
25) Isophorone	7.428	82	1365057	32.41	ng	# 69
32) Benzoic acid	8.151	122	182	4.56	ng	# 1
50) Dimethylphthalate	9.622	163	89024	2.55	ng	98
51) 2,6-Dinitrotoluene	9.910	165	64777	8.47	ng	# 11
57) 2,4-Dinitrotoluene	9.910	165	64777	6.34	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	29742	2.97	ng	# 1
89) Benzo(k)fluoranthene	15.098	252	6903	Below Cal		# 88
92) Benzo(g,h,i)perylene	17.456	276	1403	Below Cal		# 47

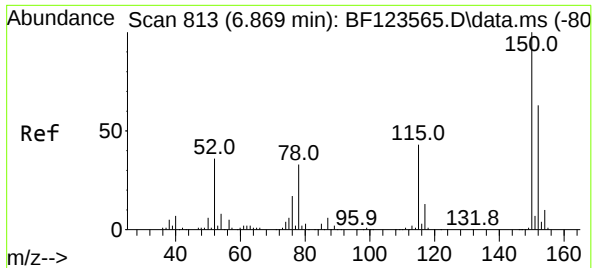
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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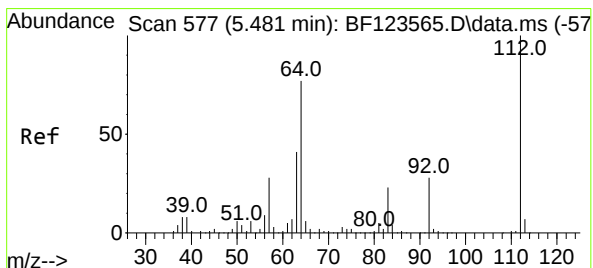
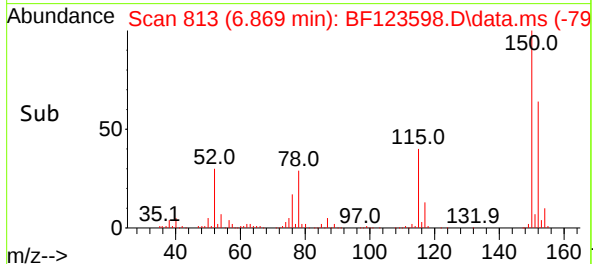
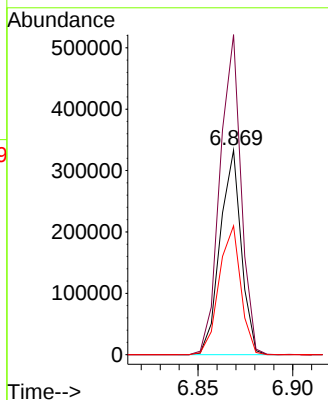
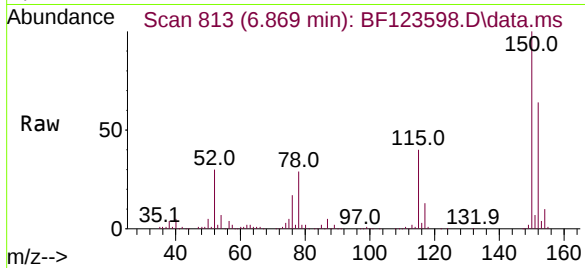




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

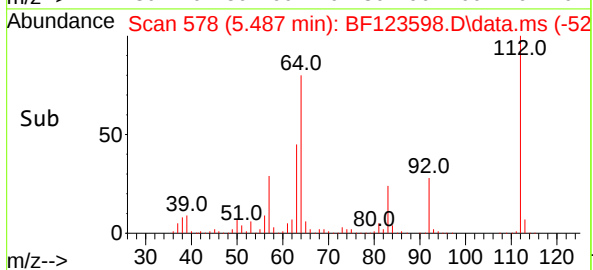
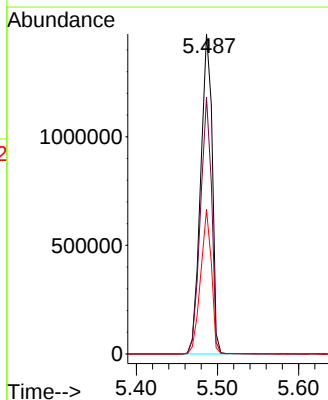
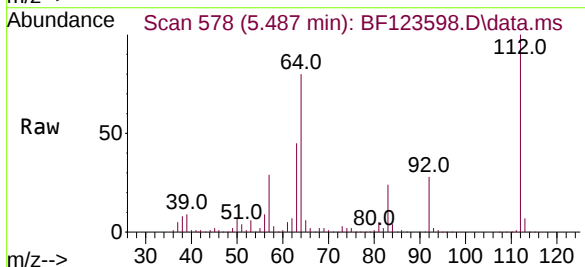
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

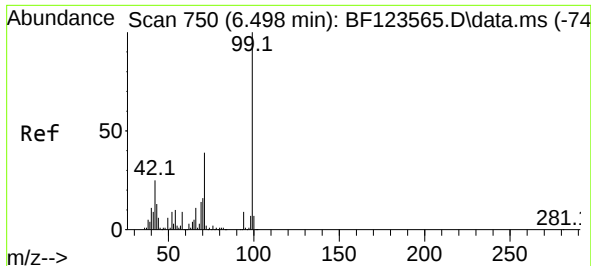
Tgt Ion:152 Resp: 257766
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 91.44 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:112 Resp: 1458386
Ion Ratio Lower Upper
112 100
64 80.2 61.4 92.0
63 45.1 33.0 49.4

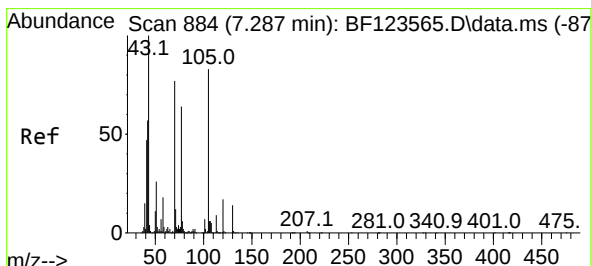
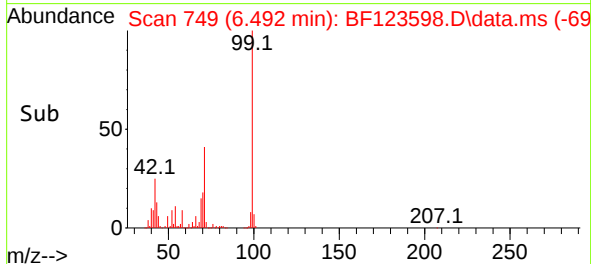
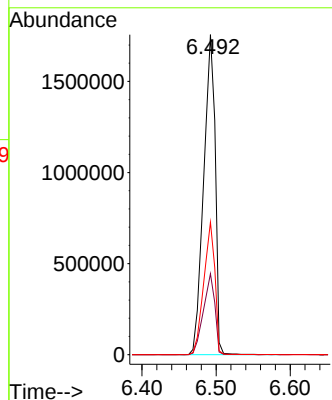
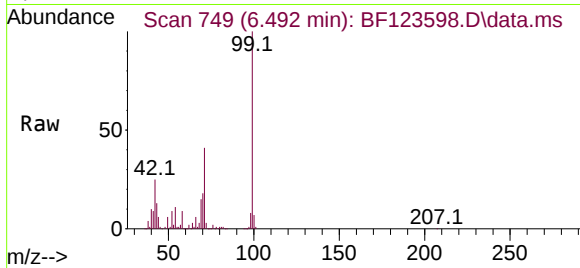




#7
Phenol-d6
Concen: 86.11 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

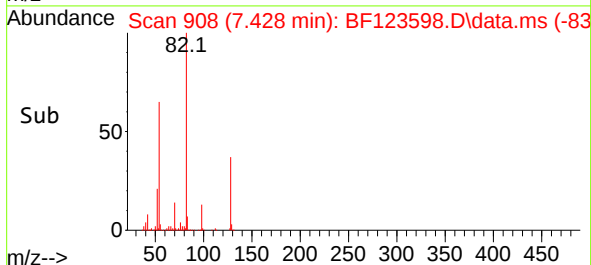
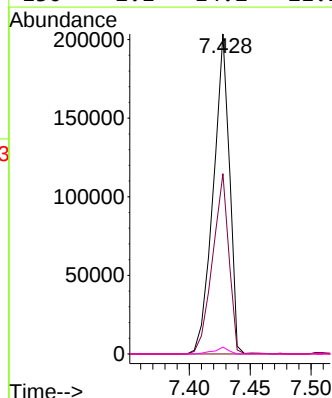
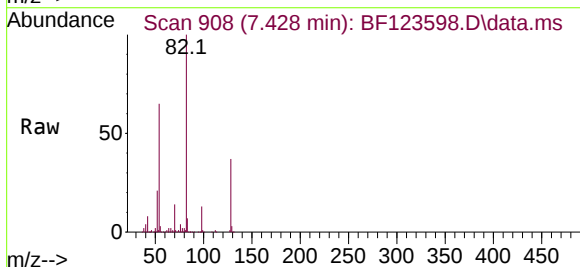
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

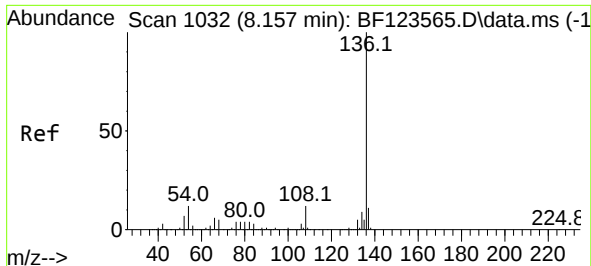
Tgt Ion: 99 Resp: 1903010
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 41.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.82 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion: 70 Resp: 187616
Ion Ratio Lower Upper
70 100
42 56.3 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



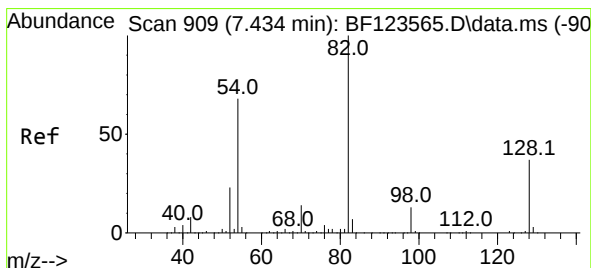
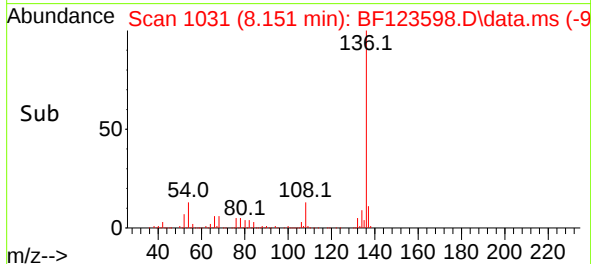
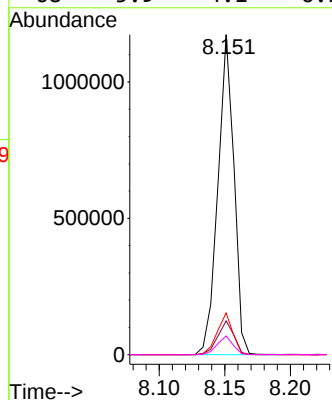
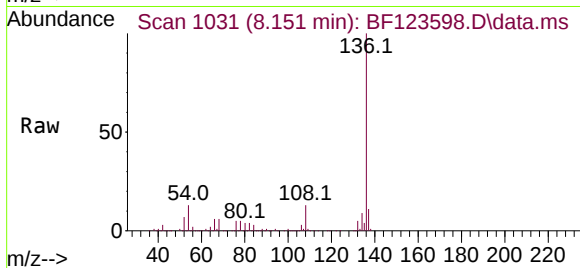


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

Tgt Ion:136 Resp: 998070

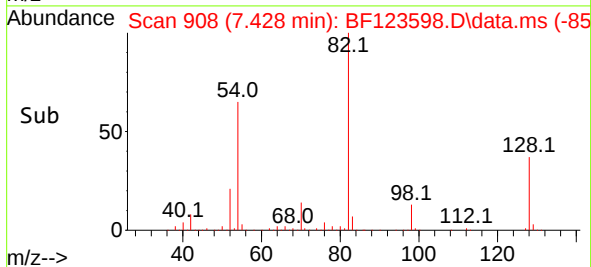
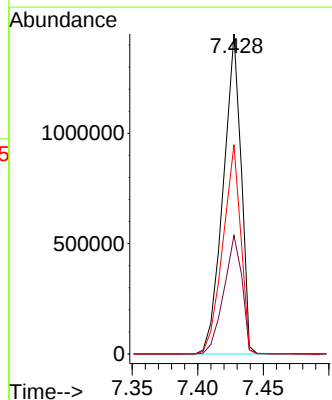
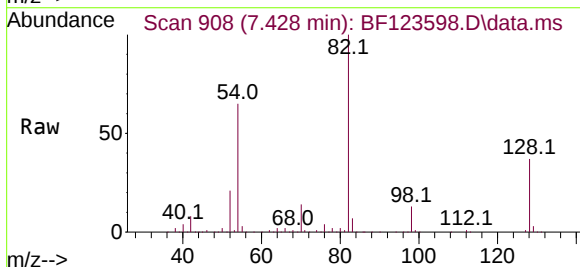
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	13.0	9.8	14.6
68	5.9	4.1	6.1

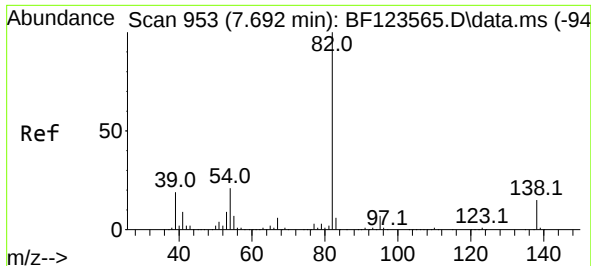


#23
Nitrobenzene-d5
Concen: 63.00 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion: 82 Resp: 1367779

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.4	44.2
54	65.4	54.1	81.1

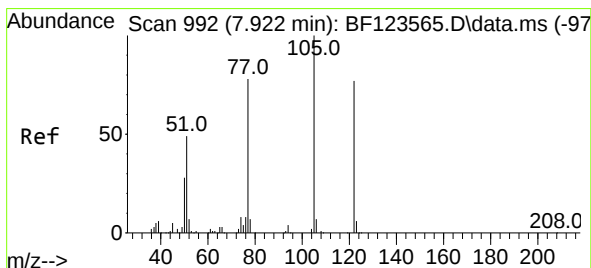
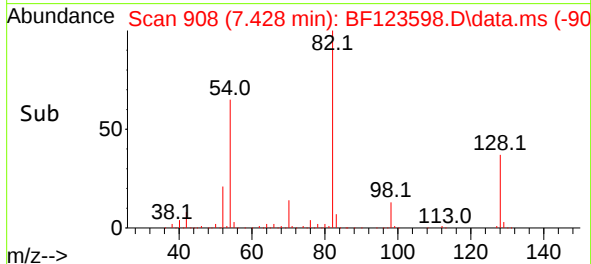
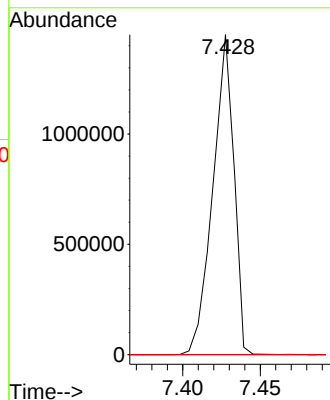
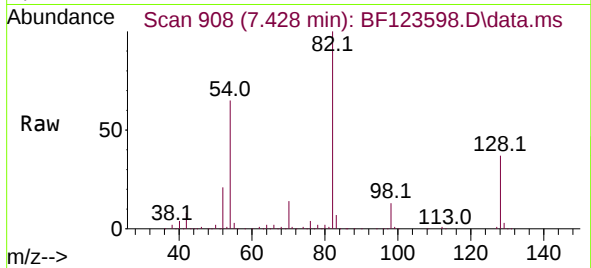




#25
Isophorone
Concen: 32.41 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

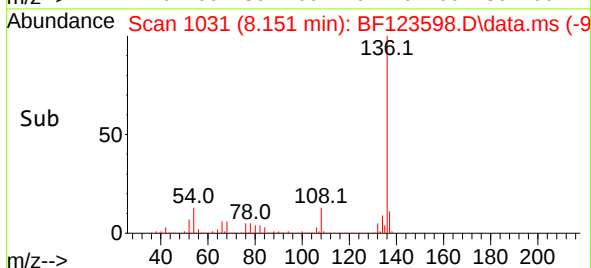
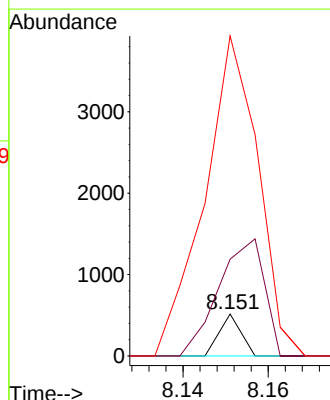
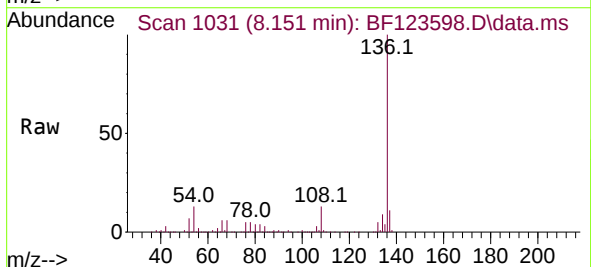
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

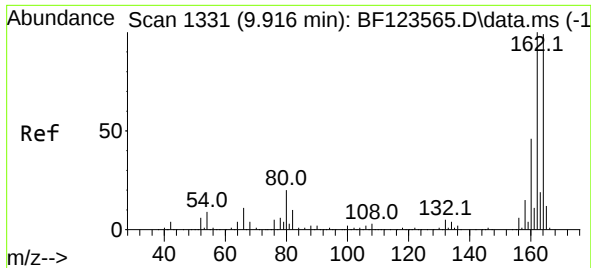
Tgt Ion: 82 Resp: 1365057
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.229 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion: 122 Resp: 182
Ion Ratio Lower Upper
122 100
105 231.1 107.8 147.8#
77 763.5 81.6 121.6#

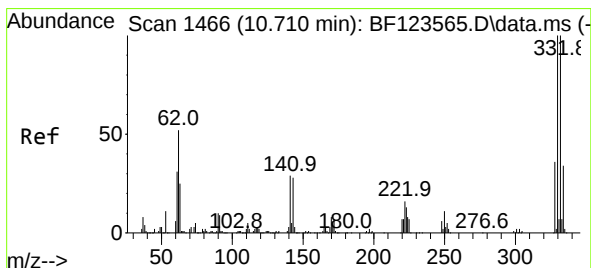
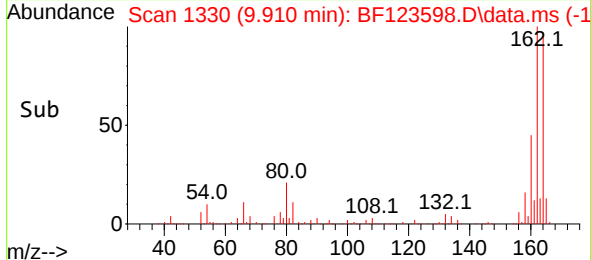
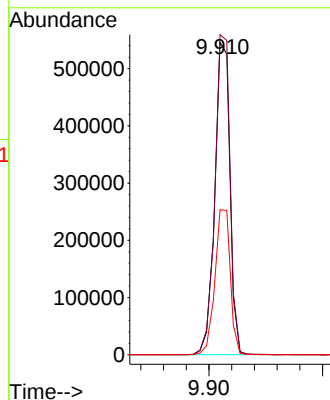
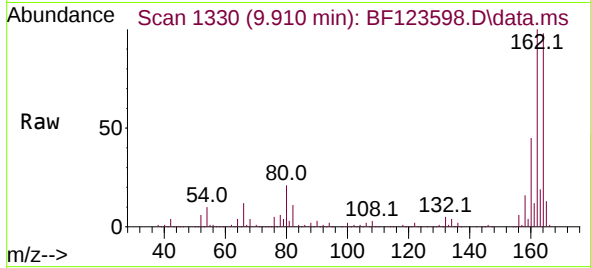




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

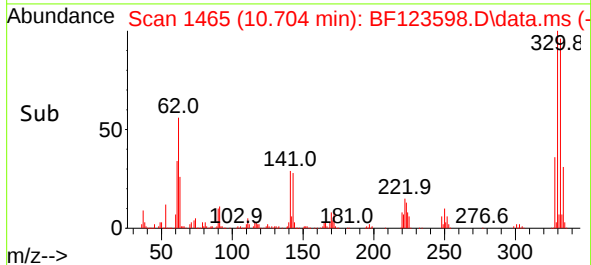
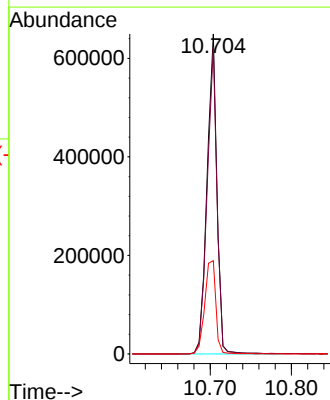
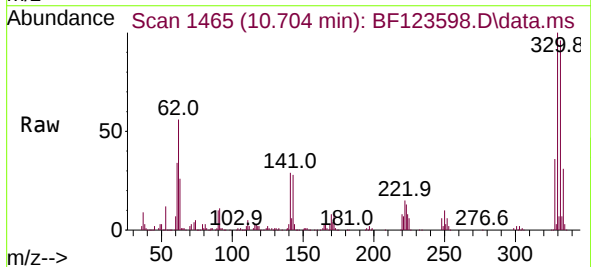
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

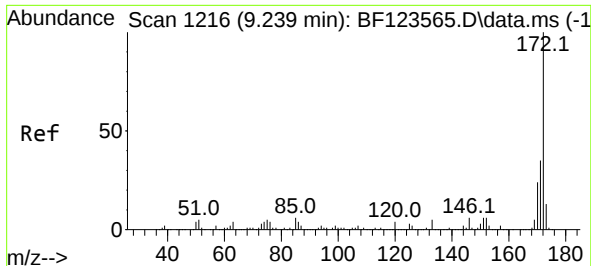
Tgt Ion:164 Resp: 504348
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 46.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 95.88 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:330 Resp: 547567
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 32.8 27.9 41.9

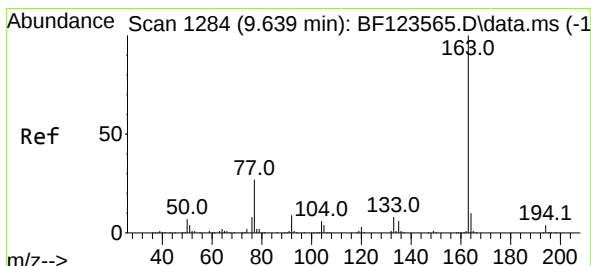
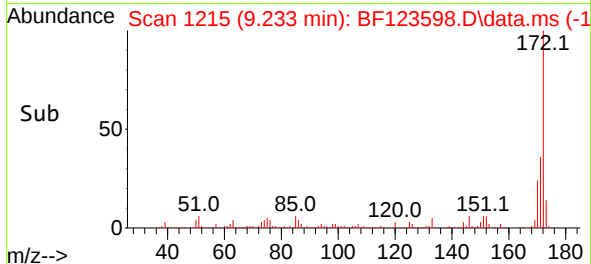
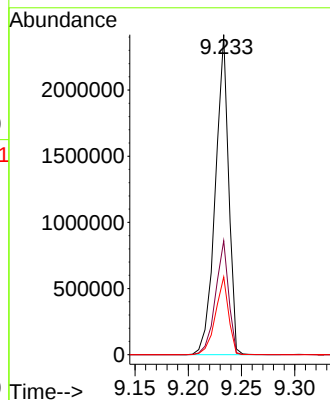
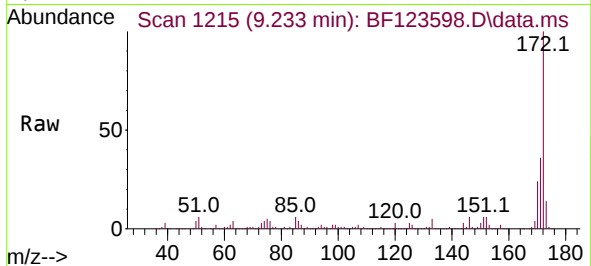




#45
2-Fluorobiphenyl
Concen: 61.91 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

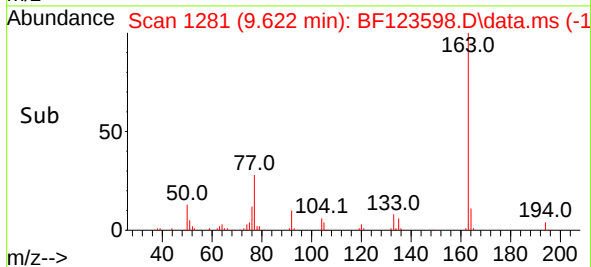
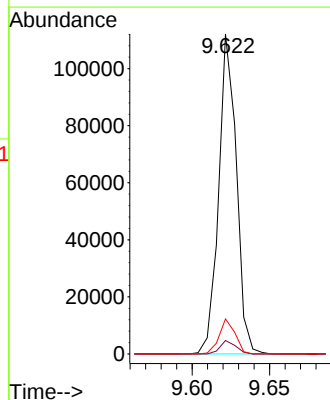
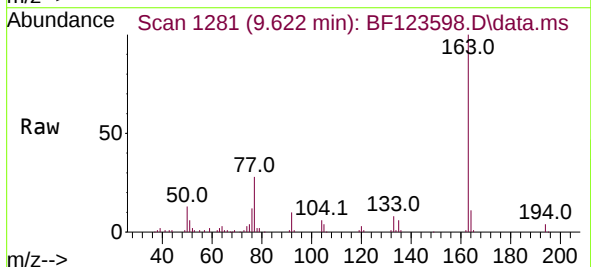
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SB-07-9.5-10.0

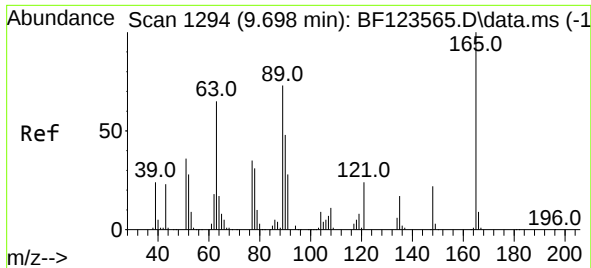
Tgt Ion:172 Resp: 2094630
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.3 19.2 28.8



#50
Dimethylphthalate
Concen: 2.55 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:163 Resp: 89024
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 11.0 8.2 12.2

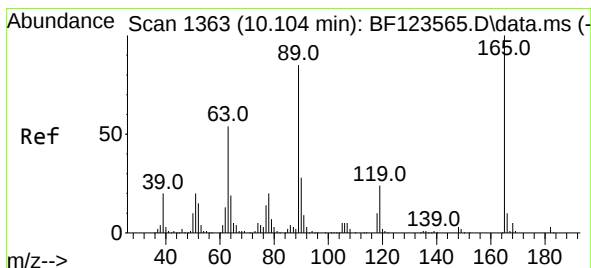
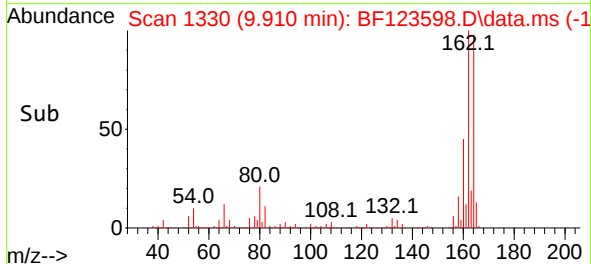
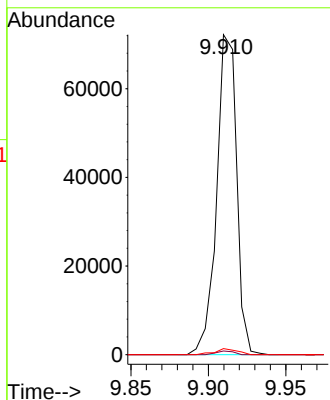
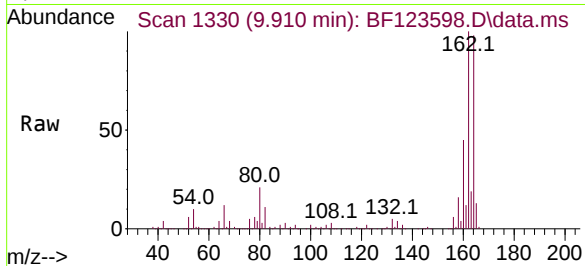




#51
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

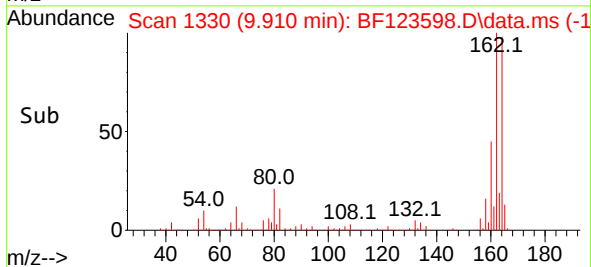
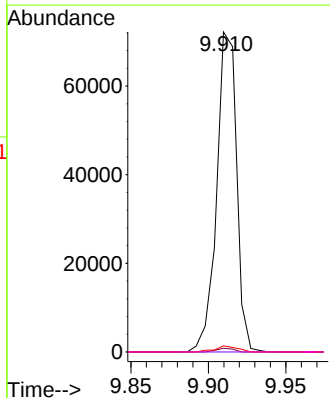
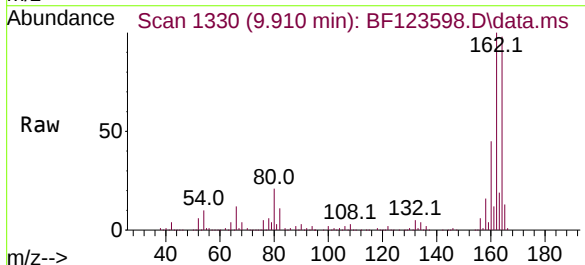
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

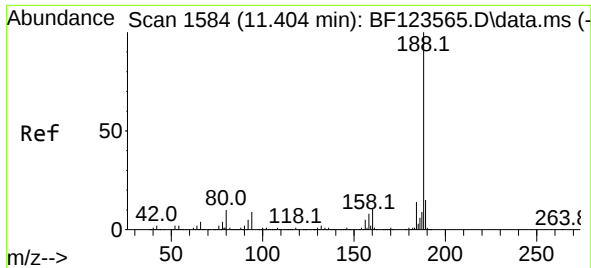
Tgt Ion:165 Resp: 64777
Ion Ratio Lower Upper
165 100
63 1.2 67.7 101.5#
89 1.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:165 Resp: 64777
Ion Ratio Lower Upper
165 100
63 1.2 43.5 65.3#
89 1.9 67.7 101.5#
182 0.0 2.1 3.1#

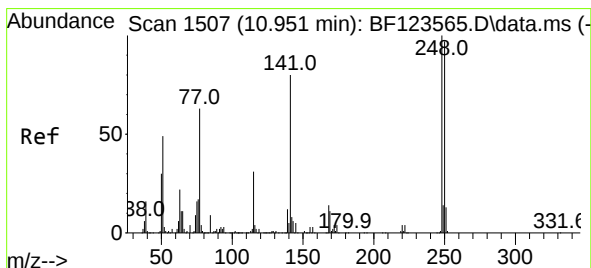
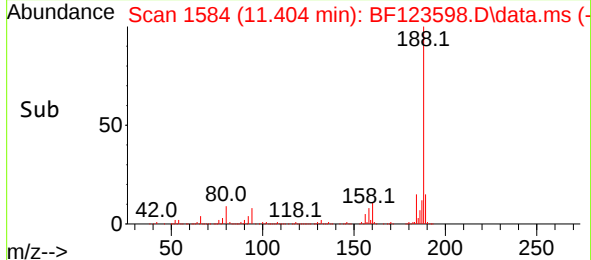
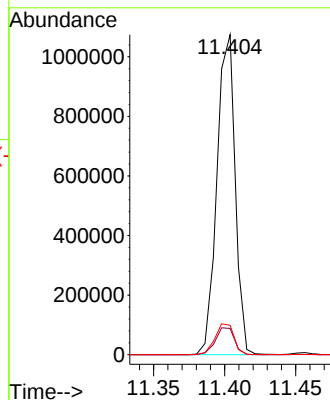
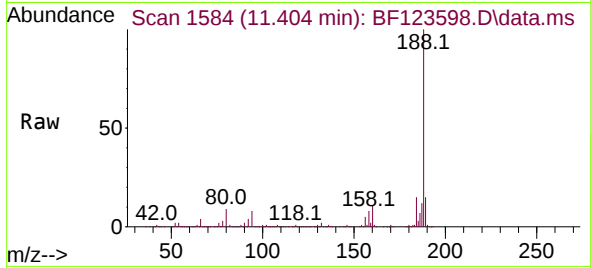




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

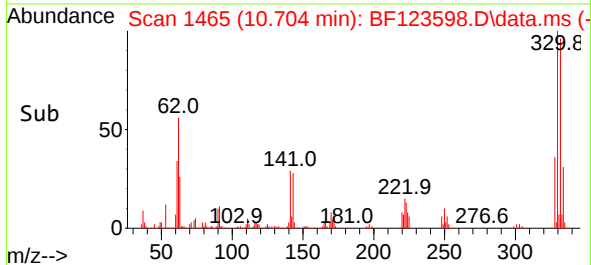
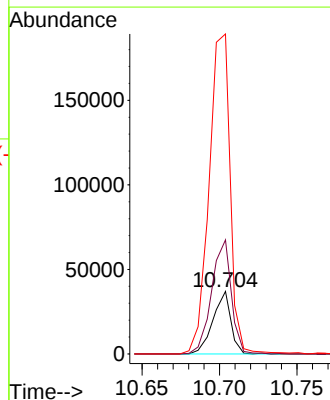
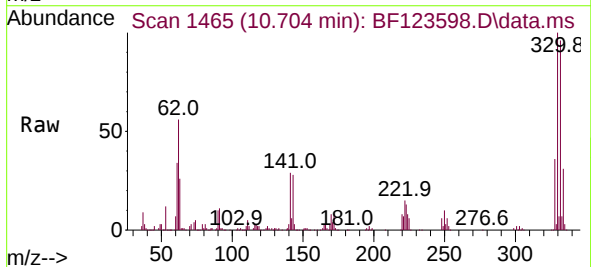
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

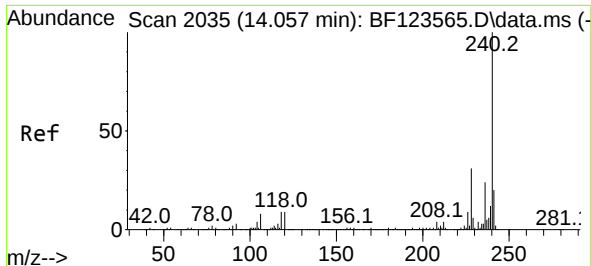
Tgt Ion:188	Resp:	959298
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.9 10.3
80	9.2	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:248	Resp:	29742
Ion Ratio	Lower	Upper
248	100	
250	182.4	77.4 116.2#
141	511.9	63.7 95.5#

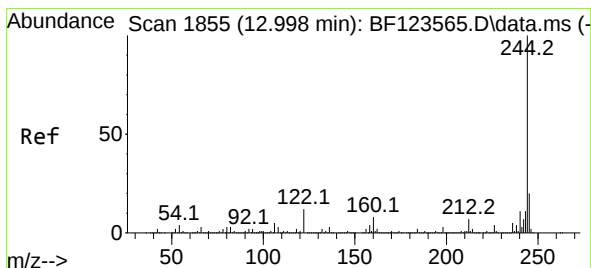
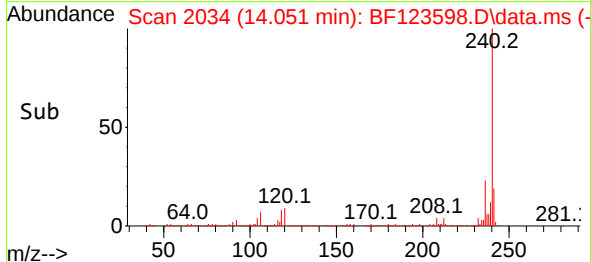
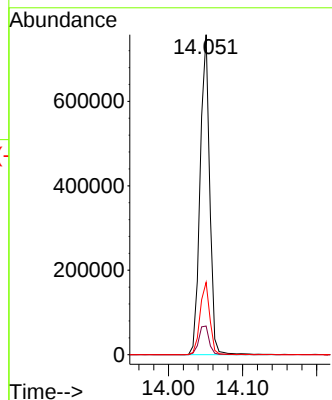
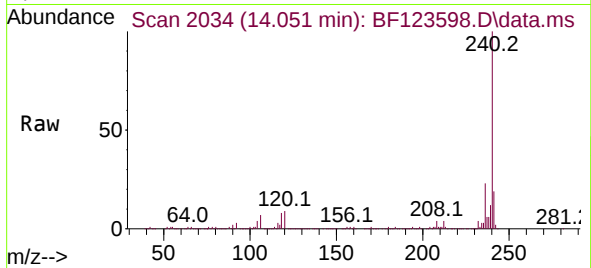




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

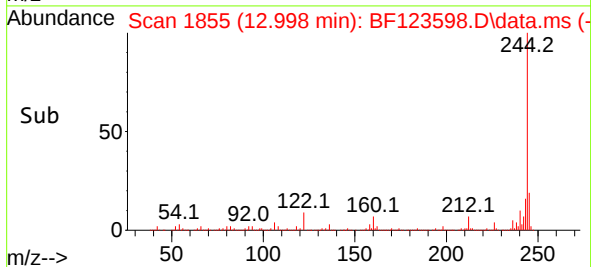
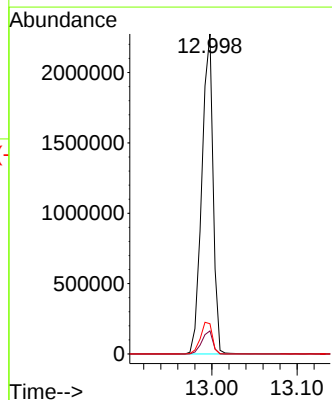
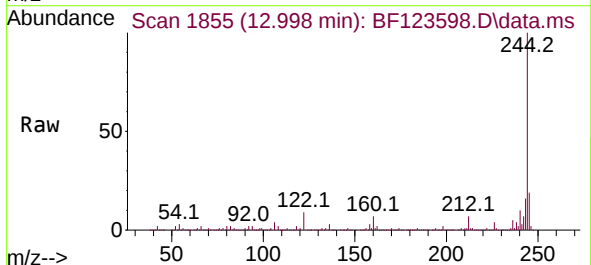
Instrument :
BNA_F
ClientSampleId :
SB-07-9.5-10.0

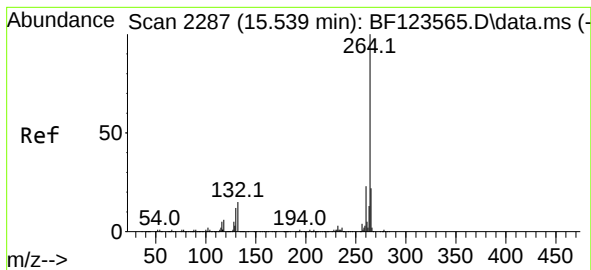
Tgt Ion:240 Resp: 674910
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 22.6 19.0 28.4



#79
Terphenyl-d14
Concen: 60.01 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF123598.D
Acq: 16 Apr 2021 18:35

Tgt Ion:244 Resp: 2083960
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.4 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF123598.D
 Acq: 16 Apr 2021 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-9.5-10.0

Tgt Ion:264 Resp: 485899
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.0 17.8 26.8

