

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123599.D
 Acq On : 16 Apr 2021 19:07
 Operator : JU/CG
 Sample : M1967-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-1B

Quant Time: Apr 17 01:25:16 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)

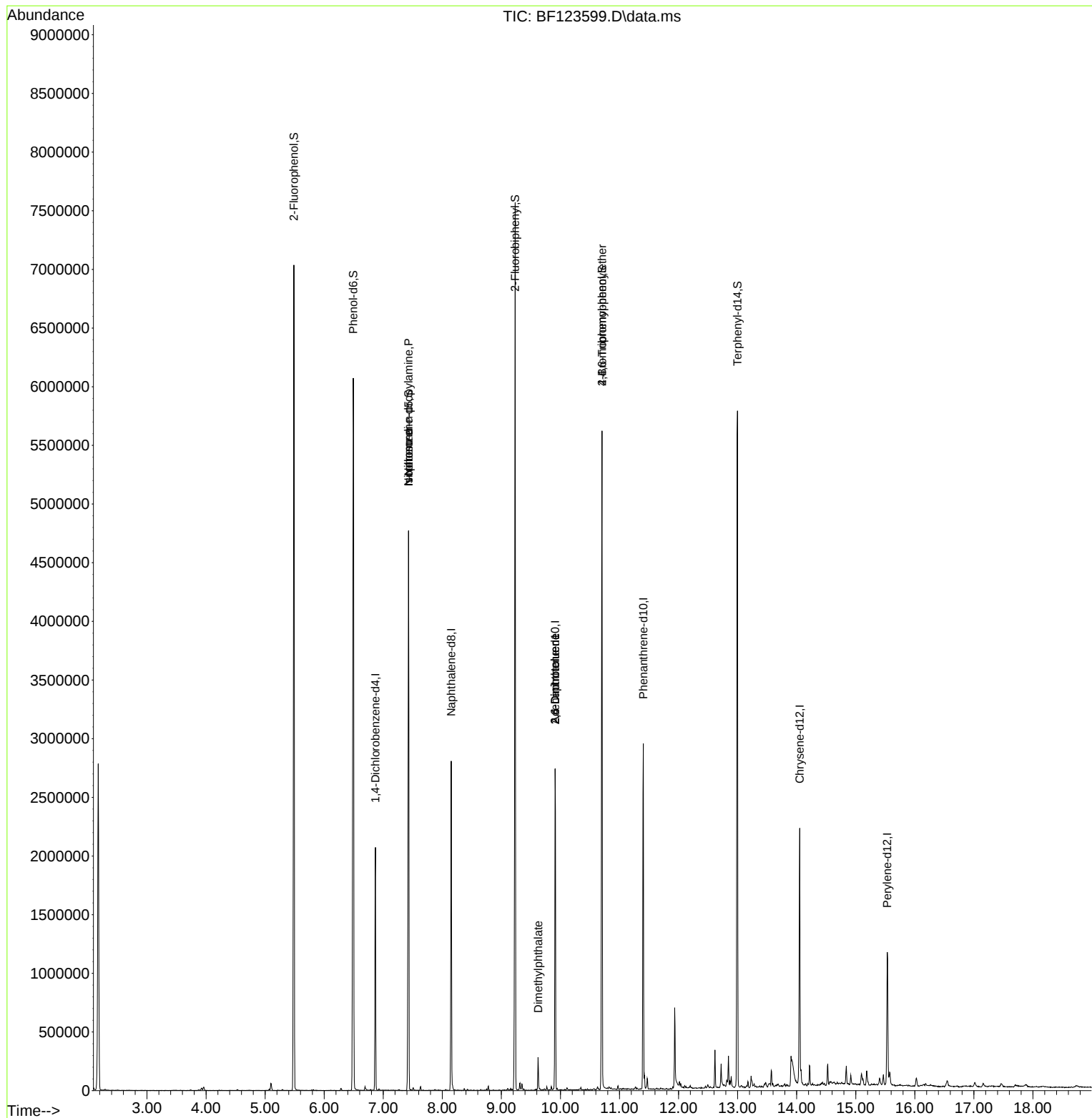
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	270455	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1054214	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	526220	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	1033022	20.00	ng	0.00
76) Chrysene-d12	14.051	240	722517	20.00	ng	0.00
86) Perylene-d12	15.533	264	544985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1672711	99.96	ng	0.00
7) Phenol-d6	6.492	99	2176621	93.87	ng	0.00
23) Nitrobenzene-d5	7.428	82	1550571	67.62	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	625817	105.02	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2146532	60.81	ng	0.00
79) Terphenyl-d14	12.998	244	2012599	54.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	209850	13.66	ng	Qvalue # 75
25) Isophorone	7.428	82	1547320	34.78	ng	# 69
50) Dimethylphthalate	9.622	163	88448	2.43	ng	99
51) 2,6-Dinitrotoluene	9.910	165	68515	8.59	ng	# 11
57) 2,4-Dinitrotoluene	9.910	165	68515	6.43	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	34743	3.22	ng	# 1

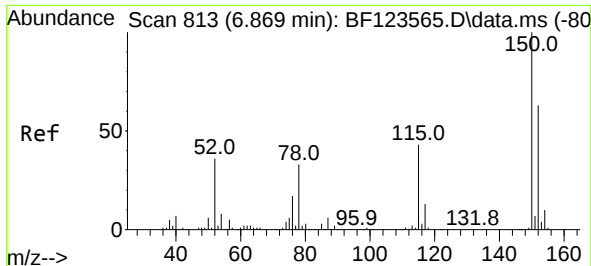
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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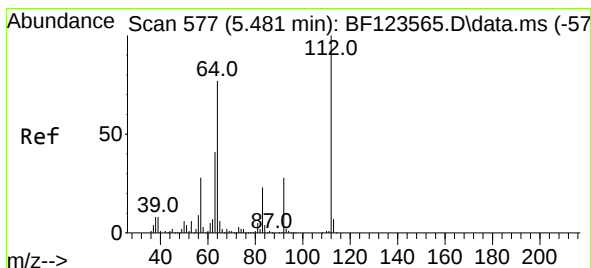
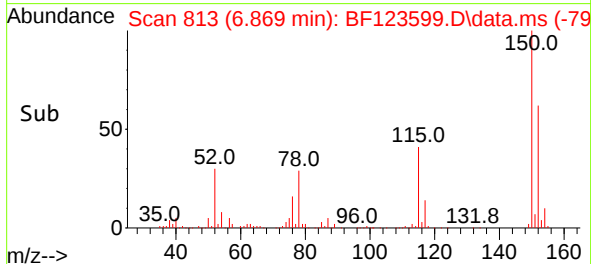
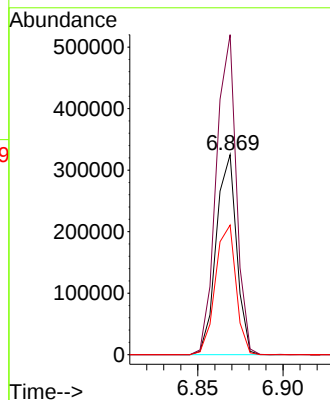
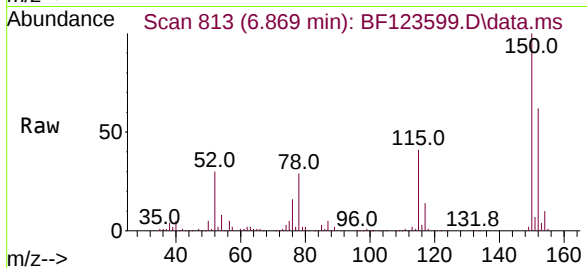




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

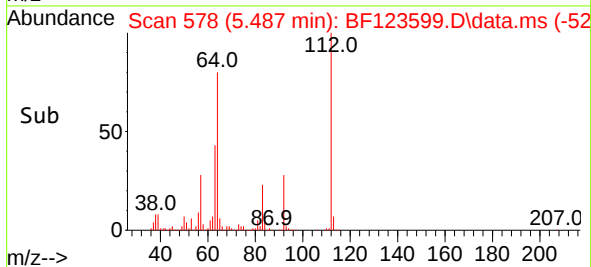
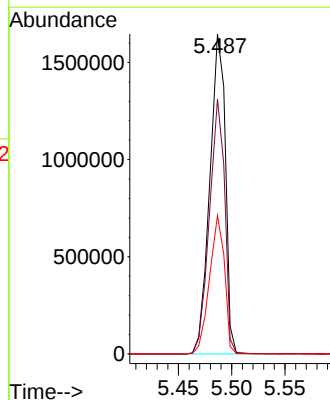
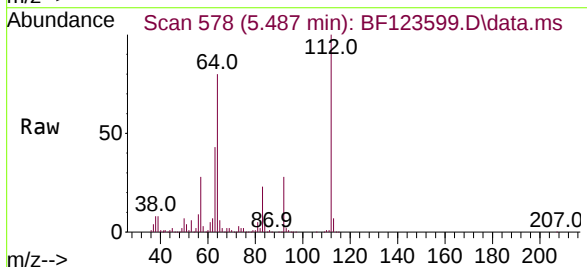
Instrument :
BNA_F
ClientSampleId :
SED-1B

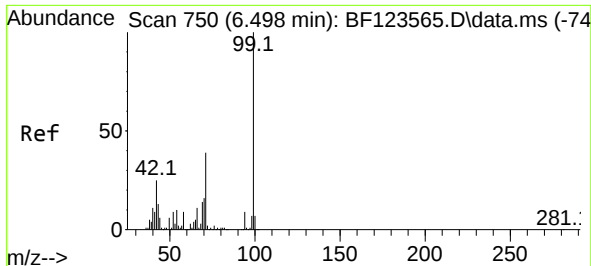
Tgt Ion:152 Resp: 270455
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 99.96 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:112 Resp: 1672711
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 43.3 33.0 49.4

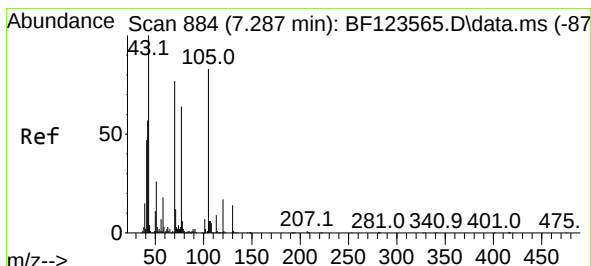
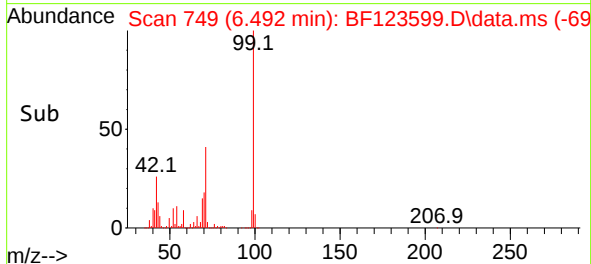
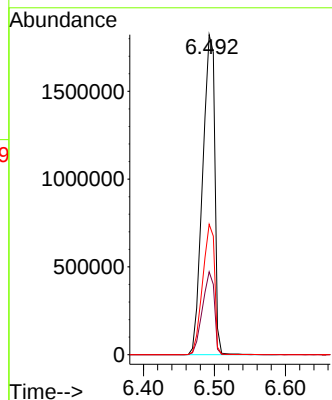
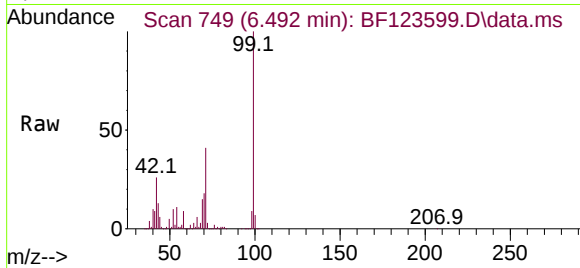




#7
Phenol-d6
Concen: 93.87 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

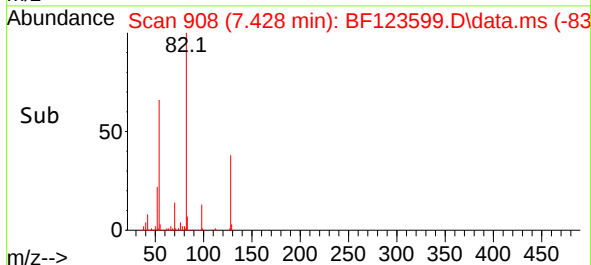
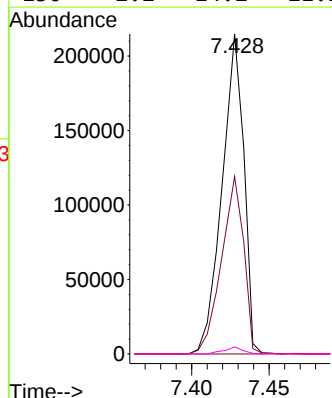
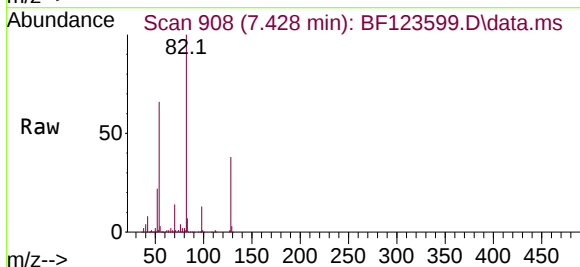
Instrument :
BNA_F
ClientSampleId :
SED-1B

Tgt Ion: 99 Resp: 2176621
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.8
71 40.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion: 70 Resp: 209850
Ion Ratio Lower Upper
70 100
42 55.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#



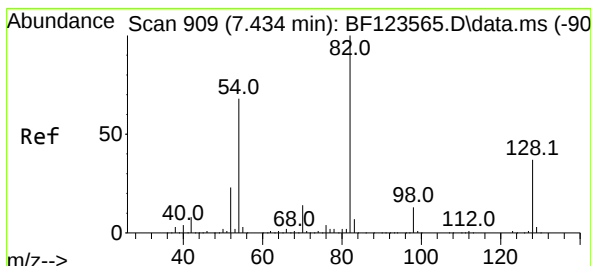
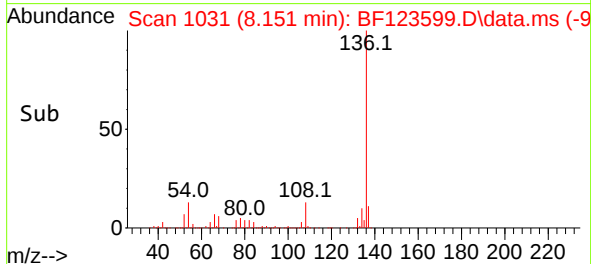
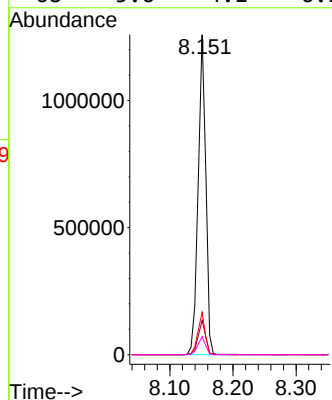
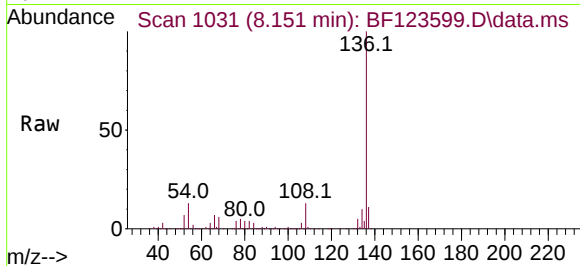


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Instrument :
BNA_F
ClientSampleId :
SED-1B

Tgt Ion:136 Resp: 1054214

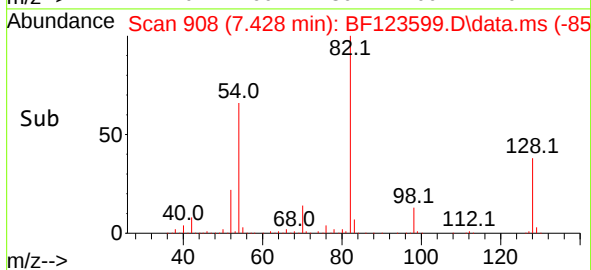
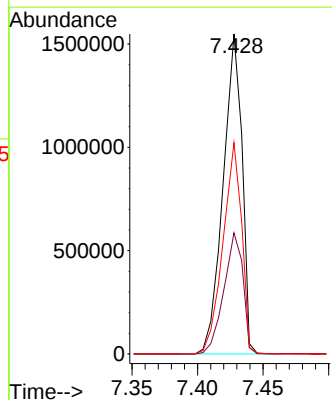
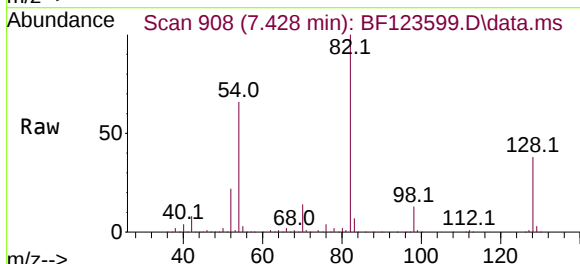
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	13.2	9.8	14.6
68	5.6	4.1	6.1

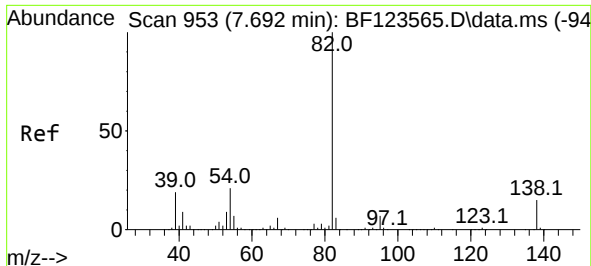


#23
Nitrobenzene-d5
Concen: 67.62 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion: 82 Resp: 1550571

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	66.0	54.1	81.1

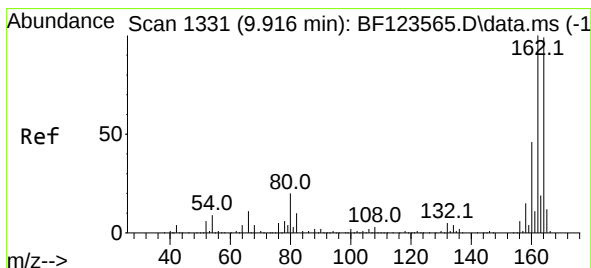
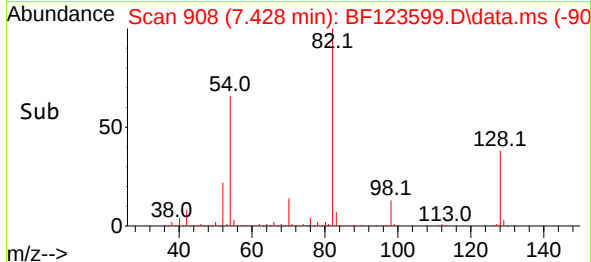
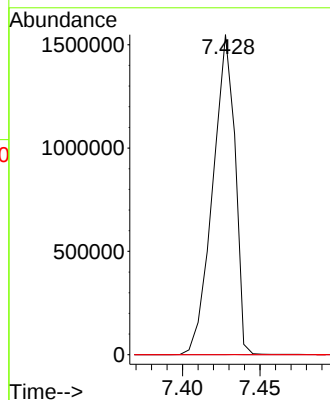
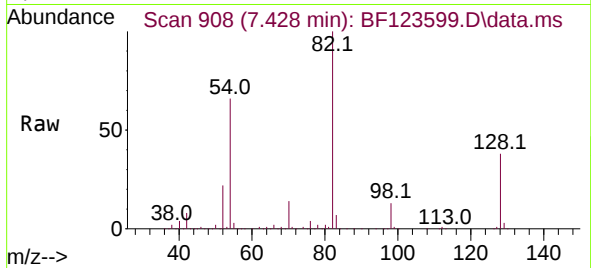




#25
Isophorone
Concen: 34.78 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

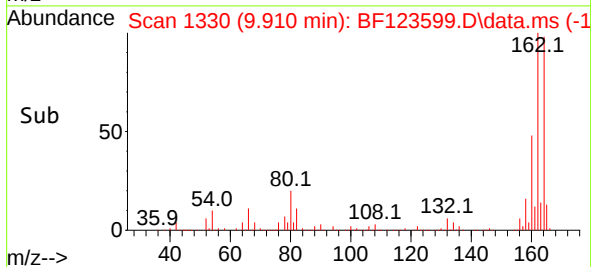
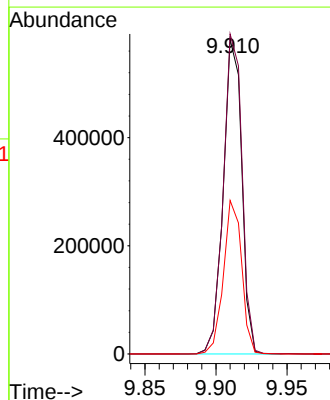
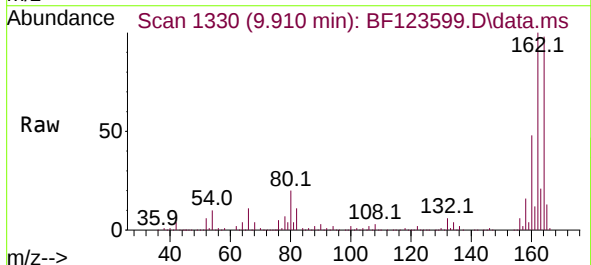
Instrument :
BNA_F
ClientSampleId :
SED-1B

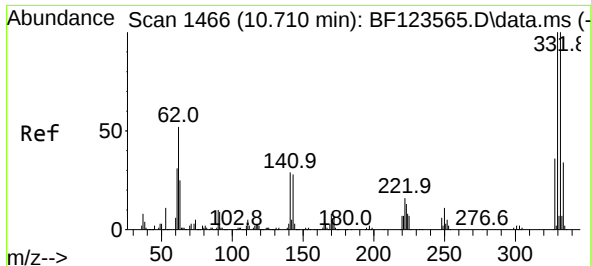
Tgt Ion: 82 Resp: 1547320
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:164 Resp: 526220
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 48.8 37.3 55.9

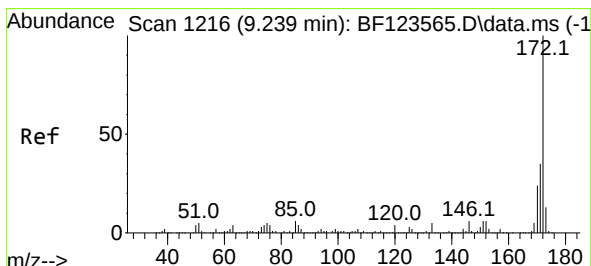
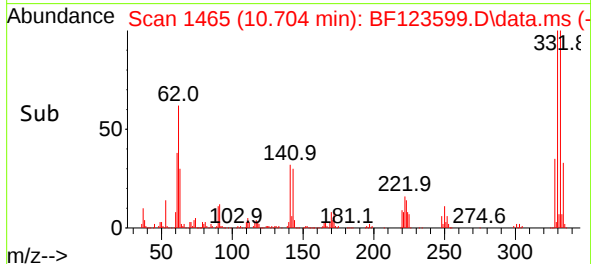
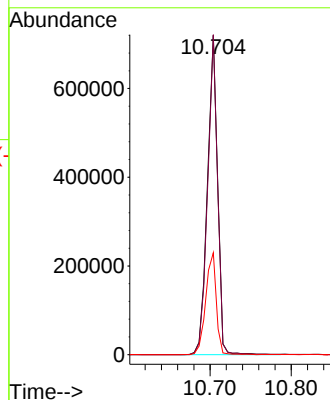
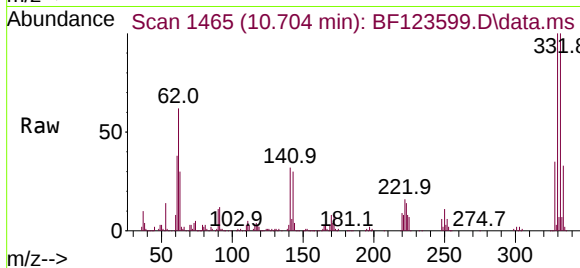




#42
2,4,6-Tribromophenol
Concen: 105.02 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

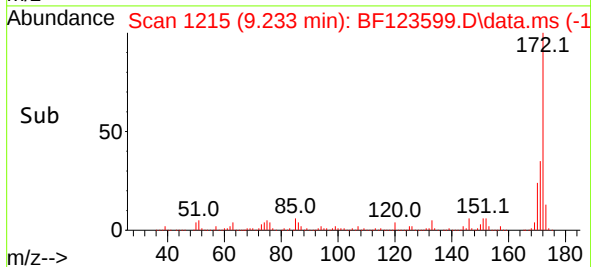
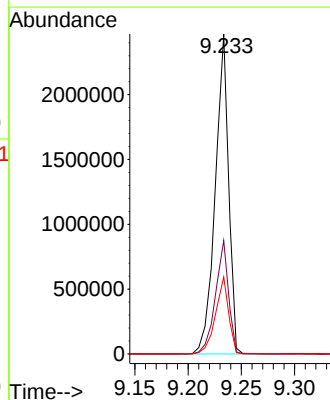
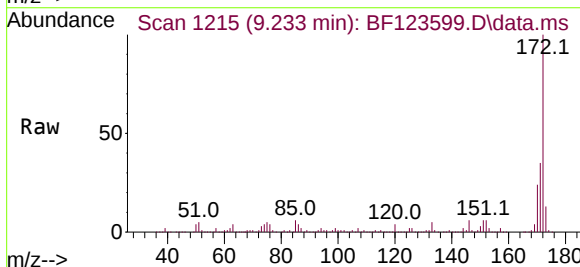
Instrument :
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ClientSampleId :
SED-1B

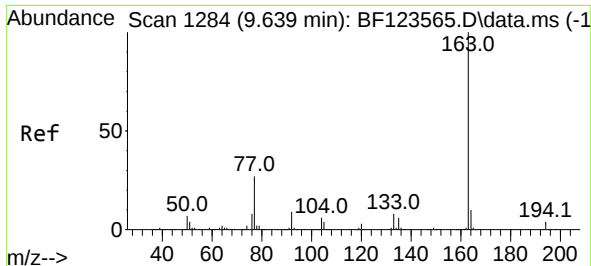
Tgt Ion: 330 Resp: 625817
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 33.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.81 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion: 172 Resp: 2146532
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 19.2 28.8

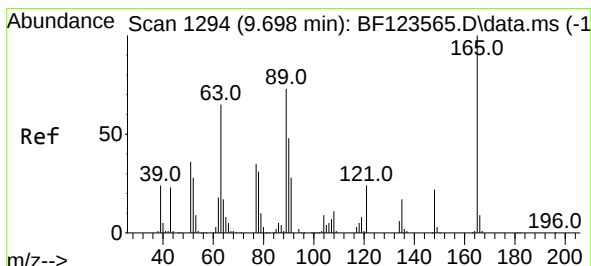
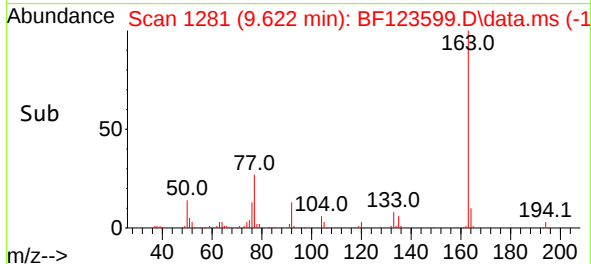
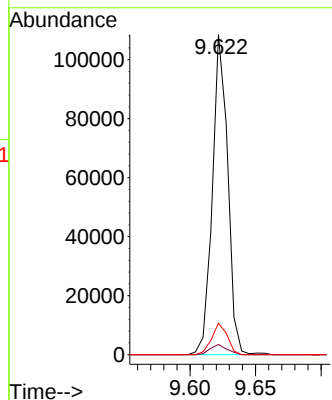
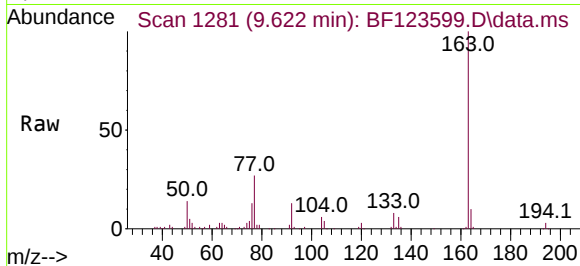




#50
Dimethylphthalate
Concen: 2.43 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

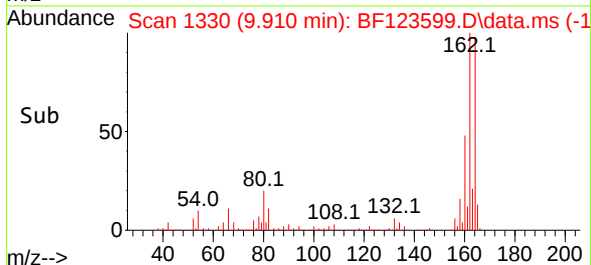
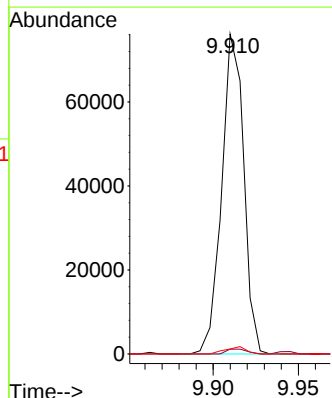
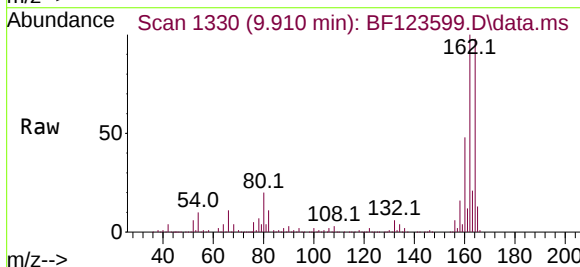
Instrument :
BNA_F
ClientSampleId :
SED-1B

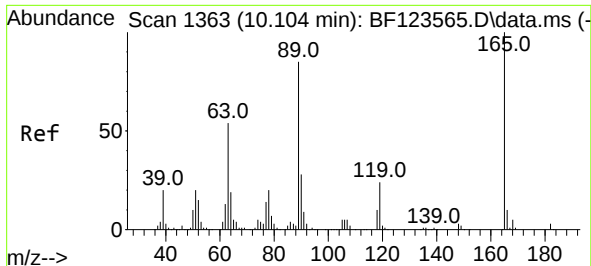
Tgt Ion:163 Resp: 88448
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 9.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:165 Resp: 68515
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 1.5 58.8 88.2#

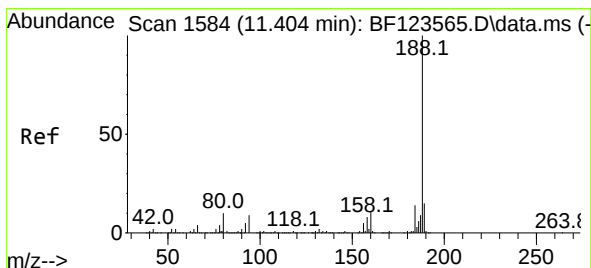
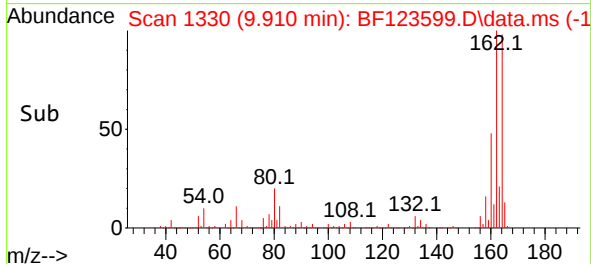
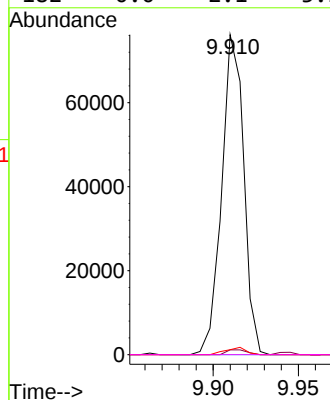
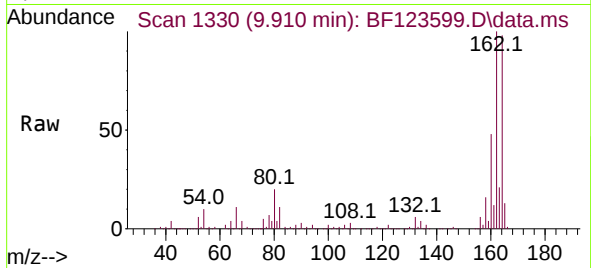




#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

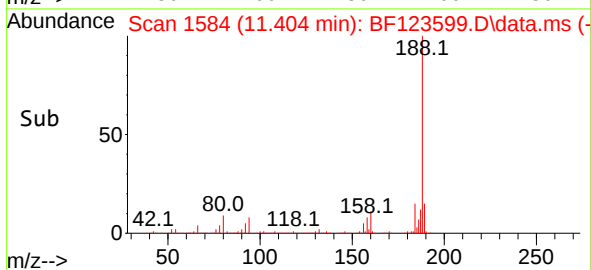
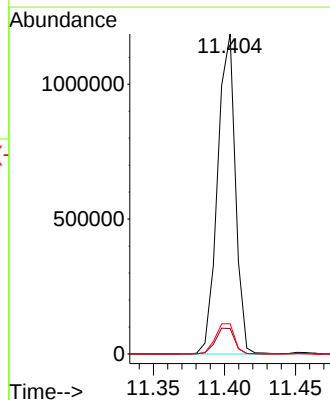
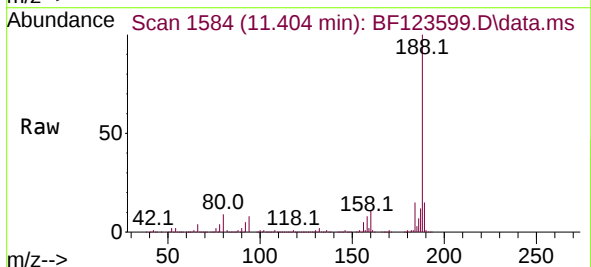
Instrument :
BNA_F
ClientSampleId :
SED-1B

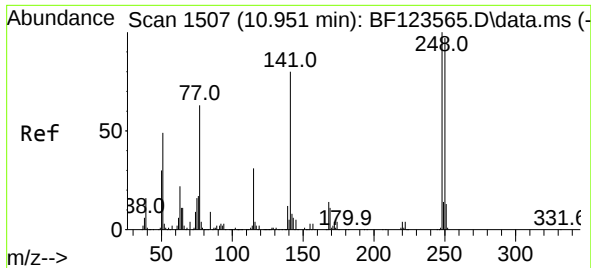
Tgt Ion:165	Resp:	68515
Ion Ratio	Lower	Upper
165	100	
63	1.5	43.5 65.3#
89	1.5	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:188	Resp:	1033022
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.9 10.3
80	9.5	8.2 12.2

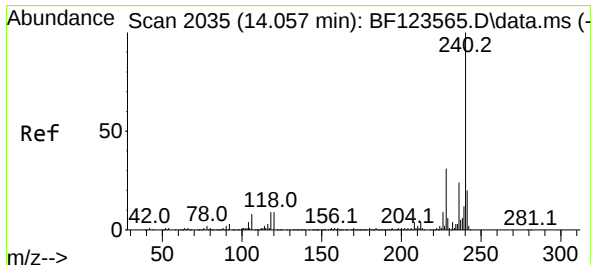
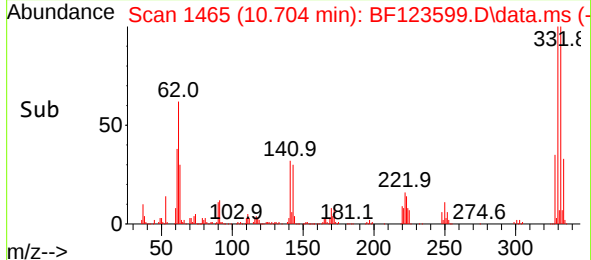
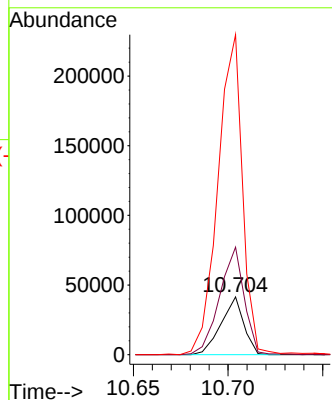
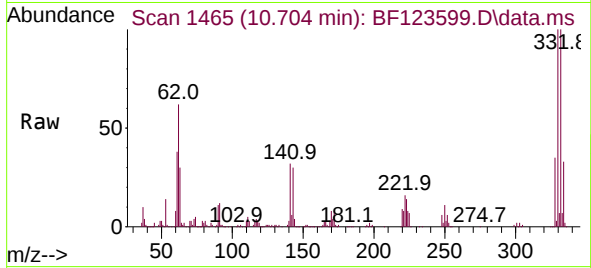




#67
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

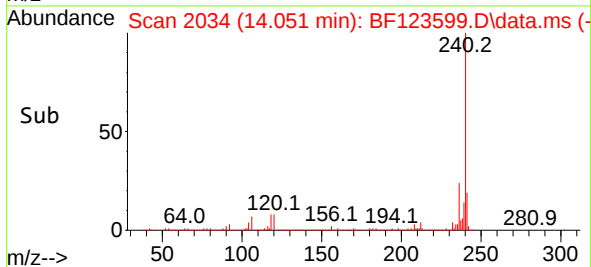
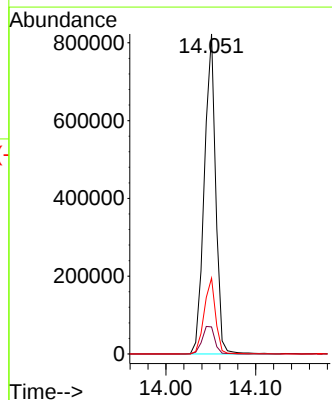
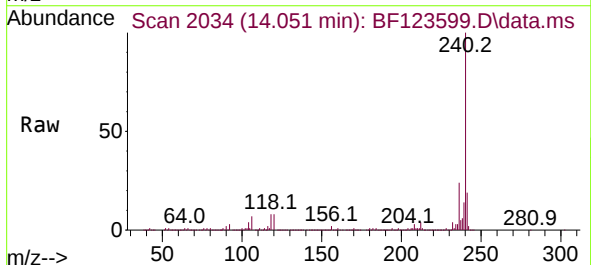
Instrument :
BNA_F
ClientSampleId :
SED-1B

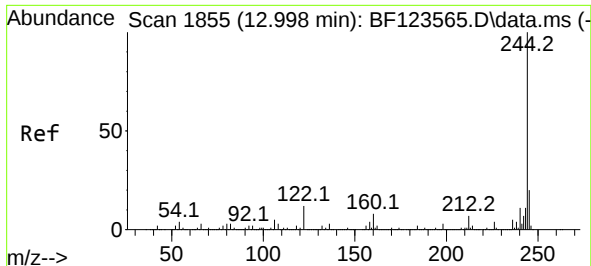
Tgt Ion:248 Resp: 34743
Ion Ratio Lower Upper
248 100
250 185.9 77.4 116.2#
141 553.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:240 Resp: 722517
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.7 19.0 28.4

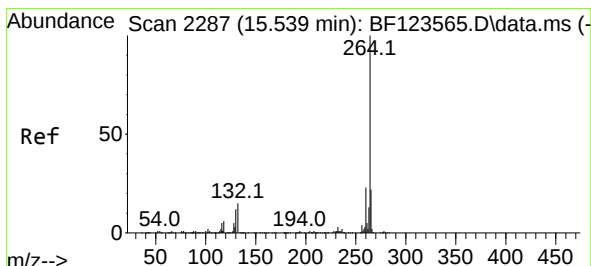
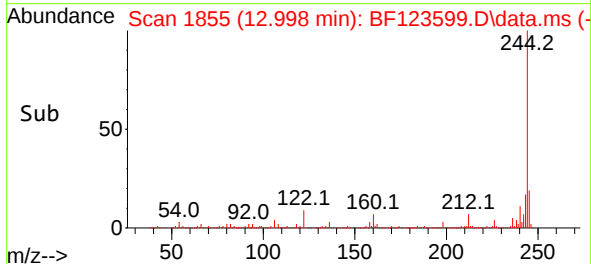
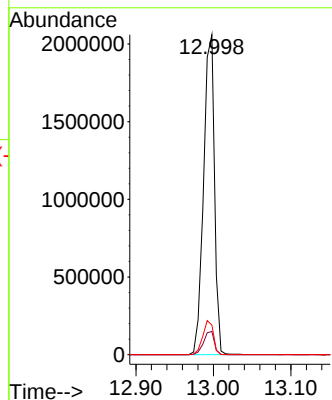
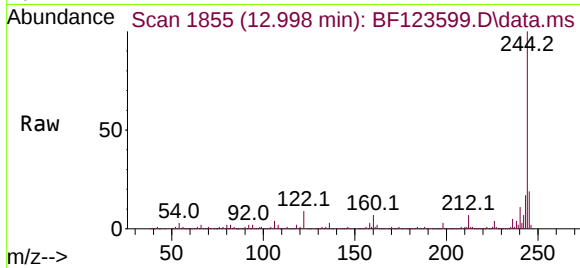




#79
Terphenyl-d14
Concen: 54.14 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123599.D
Acq: 16 Apr 2021 19:07

Instrument :
BNA_F
ClientSampleId :
SED-1B

Tgt Ion:244 Resp: 2012599
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.2 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: BF123599.D
Acq: 16 Apr 2021 19:07

Tgt Ion:264 Resp: 544985
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.8 26.8

