

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123591.D
 Acq On : 16 Apr 2021 14:20
 Operator : JU/CG
 Sample : M2048-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-14.5-15.0

Quant Time: Apr 16 15:45:38 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)

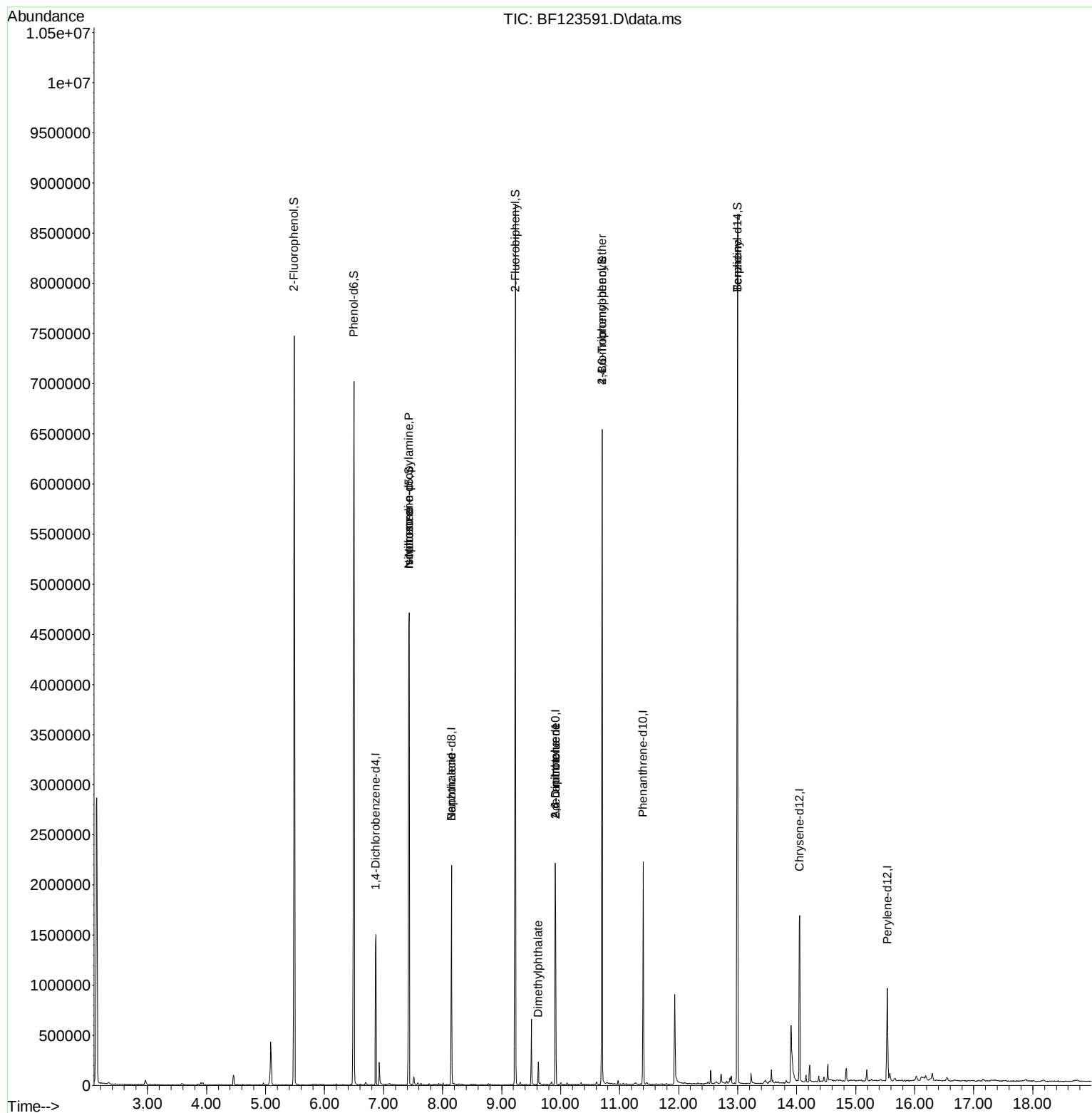
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	196523	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	762878	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	389727	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	801470	20.00	ng	0.00
76) Chrysene-d12	14.051	240	588231	20.00	ng	0.00
86) Perylene-d12	15.539	264	445097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1713655	140.94	ng	0.00
7) Phenol-d6	6.498	99	2240709	132.99	ng	0.00
23) Nitrobenzene-d5	7.434	82	1590519	95.85	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	726512	164.62	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2423838	92.71	ng	0.00
79) Terphenyl-d14	12.998	244	2785277	92.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	221705	19.86	ng	Qvalue
25) Isophorone	7.434	82	1590502	49.40	ng	# 72
32) Benzoic acid	8.151	122	355	4.59	ng	# 69
50) Dimethylphthalate	9.622	163	65047	2.42	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	48423	8.19	ng	# 97
57) 2,4-Dinitrotoluene	9.910	165	48423	6.13	ng	# 11
67) 4-Bromophenyl-phenylether	10.704	248	40457	4.83	ng	# 17
77) Benzidine	12.998	184	40711	2.55	ng	# 1
89) Benzo(k)fluoranthene	15.127	252	395	Below Cal		# 98

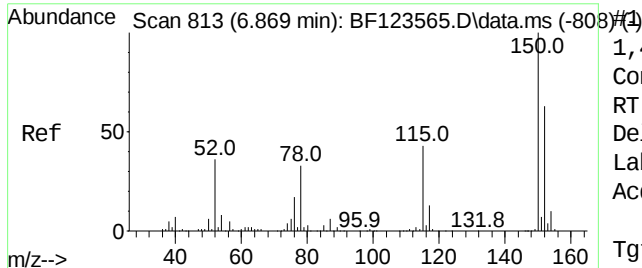
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123591.D
Acq On : 16 Apr 2021 14:20
Operator : JU/CG
Sample : M2048-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

Quant Time: Apr 16 15:45:38 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

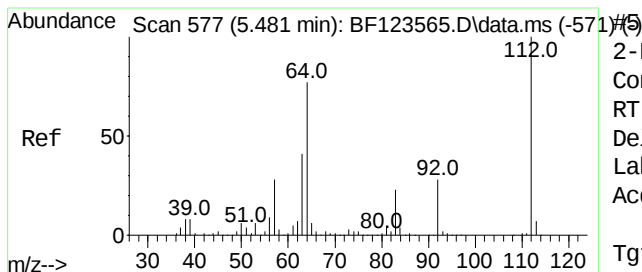
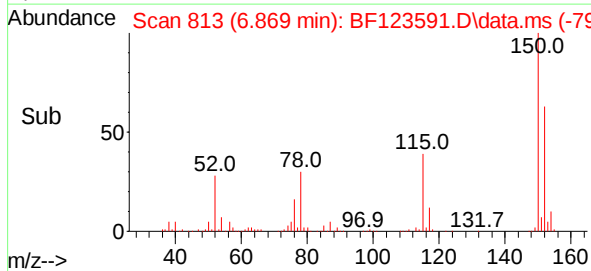
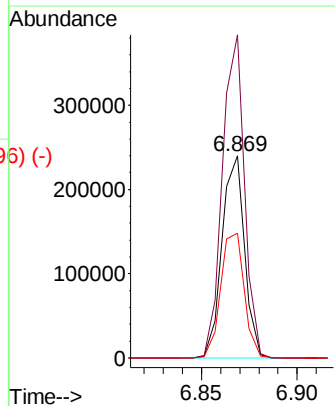
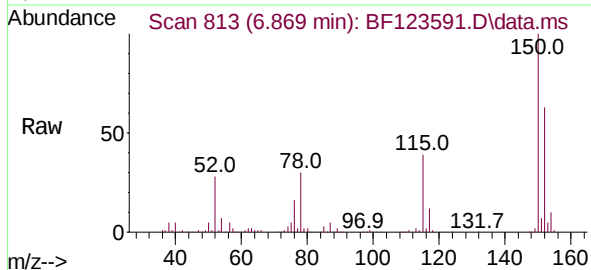




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

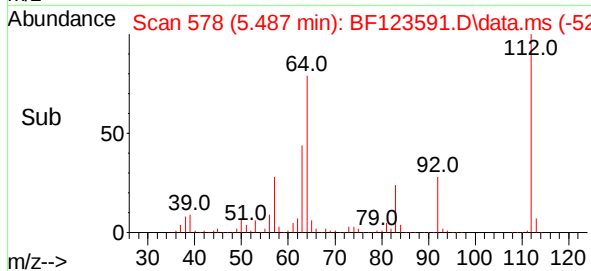
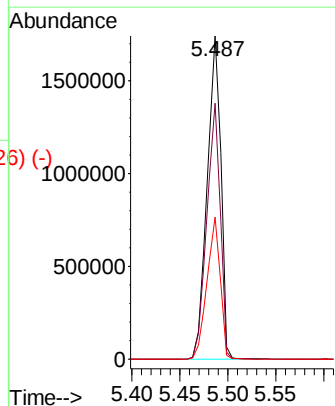
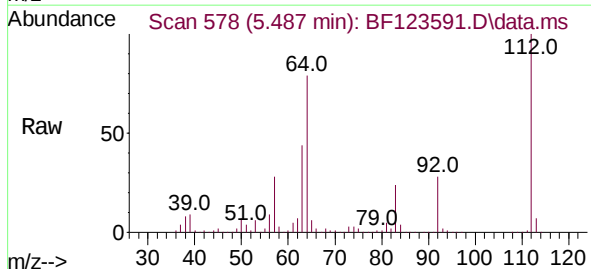
Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

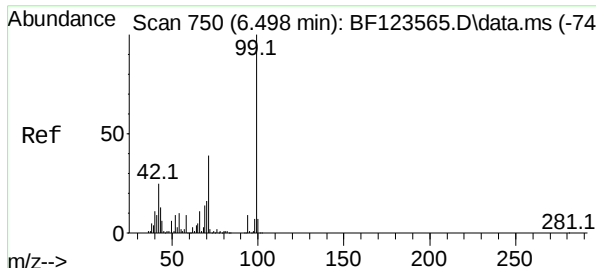
Tgt Ion:152 Resp: 196523
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 61.7 54.3 81.5



2-Fluorophenol
Concen: 140.94 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Tgt Ion:112 Resp: 1713655
Ion Ratio Lower Upper
112 100
64 79.3 61.4 92.0
63 44.0 33.0 49.4

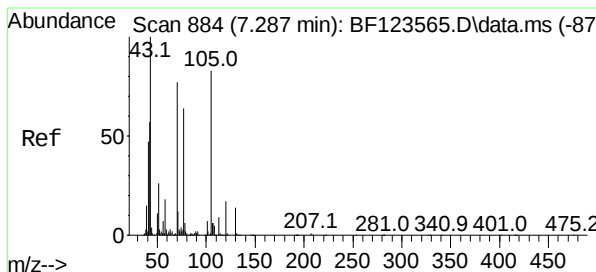
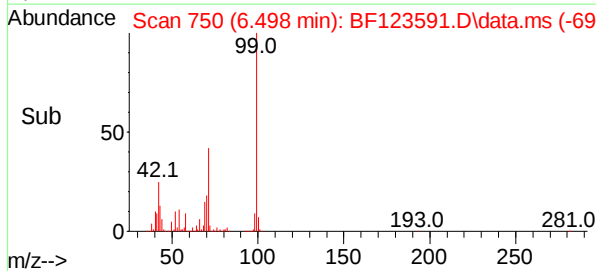
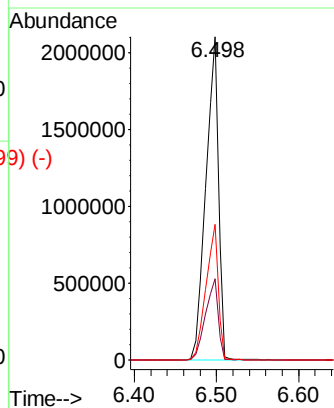
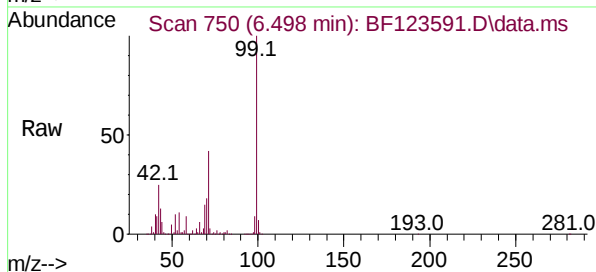




Phenol-d6
 Concen: 132.99 ng
 RT: 6.498 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: BF123591.D
 Acq: 16 Apr 2021 14:20

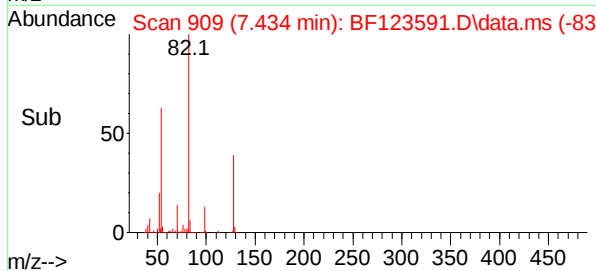
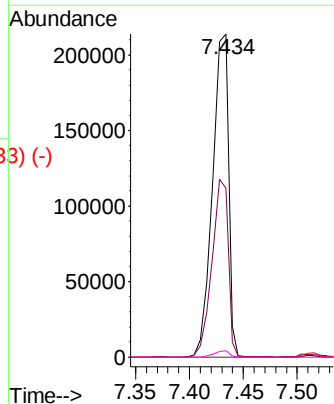
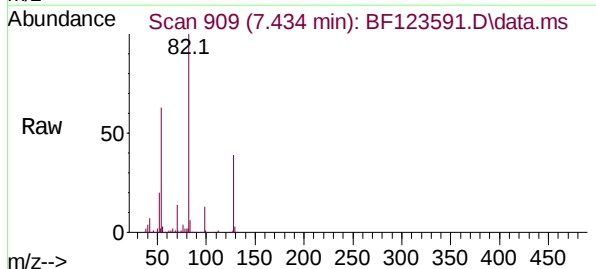
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-14.5-15.0

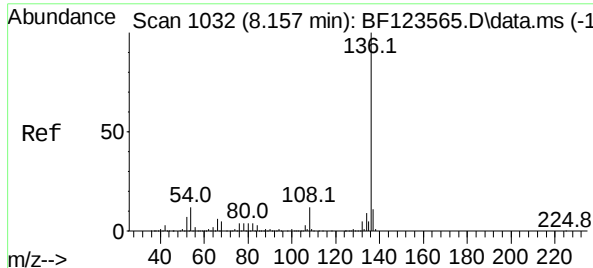
Tgt Ion:	99	Resp:	2240709
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.8	29.8
71	42.0	31.1	46.7



n-Nitroso-di-n-propylamine
 Concen: 19.86 ng
 RT: 7.434 min Scan# 909
 Delta R.T. 0.147 min
 Lab File: BF123591.D
 Acq: 16 Apr 2021 14:20

Tgt Ion:	70	Resp:	221705
Ion	Ratio	Lower	Upper
70	100		
42	52.2	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#

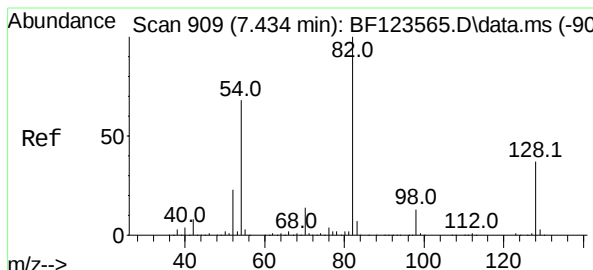
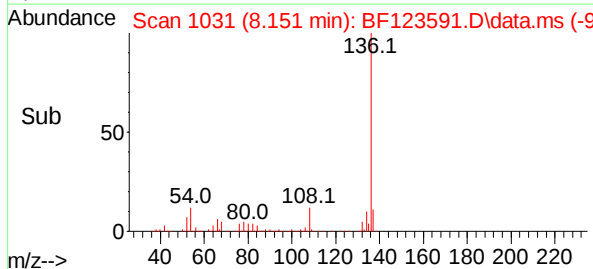
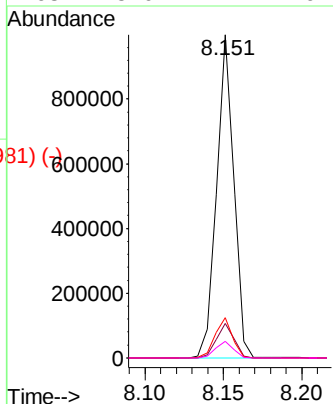
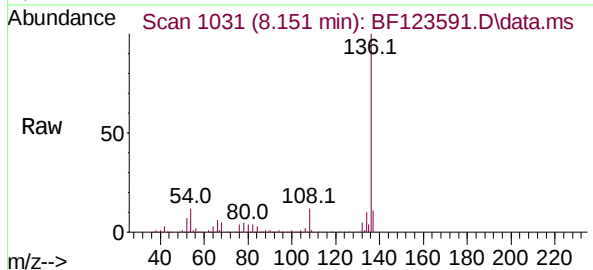




Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

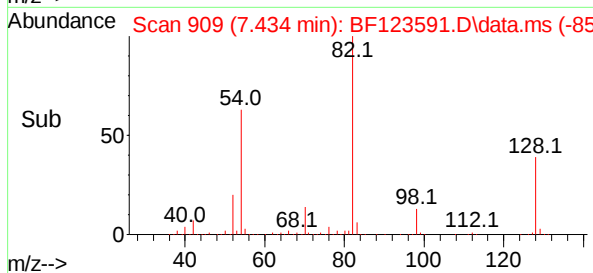
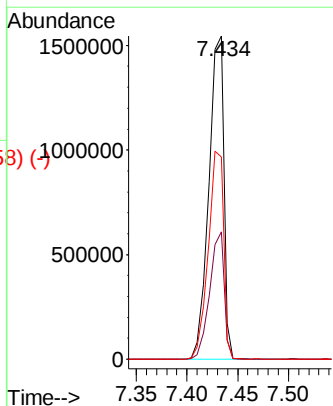
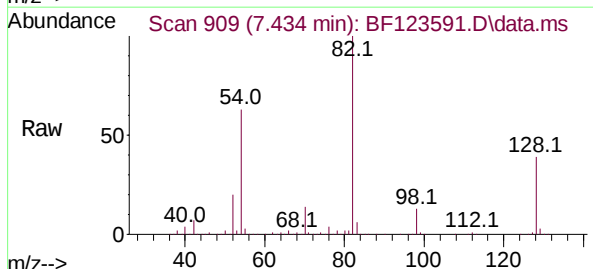
Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

Tgt Ion:	136	Resp:	762878
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.4	9.8	14.6
68	5.0	4.1	6.1

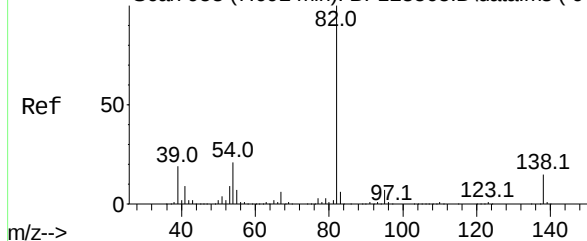


Nitrobenzene-d5
Concen: 95.85 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Tgt Ion:	82	Resp:	1590519
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	62.5	54.1	81.1



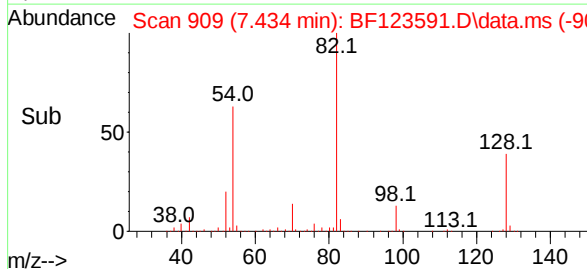
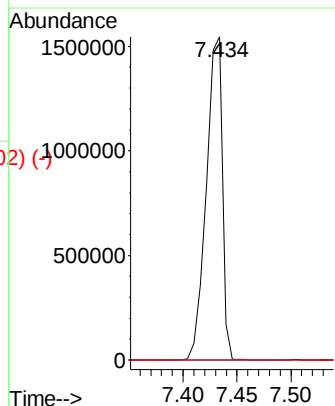
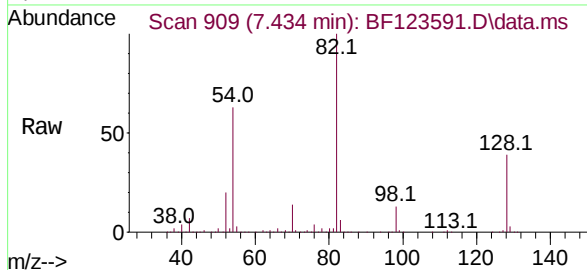
Abundance Scan 953 (7.692 min): BF123565.D\data.ms (-947) #25



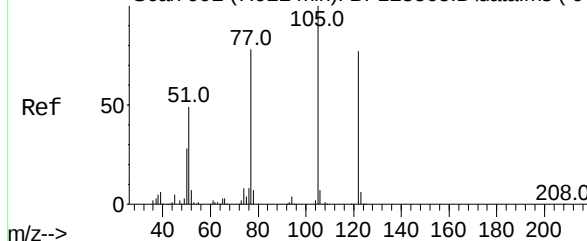
Isophorone
Concen: 49.40 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

Tgt Ion:	82	Resp:	1590502
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

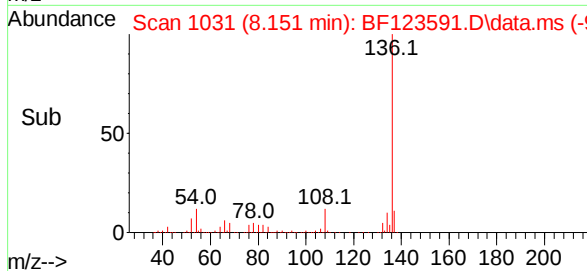
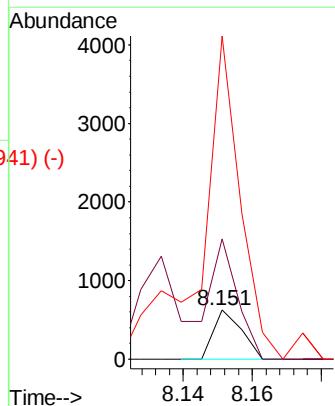
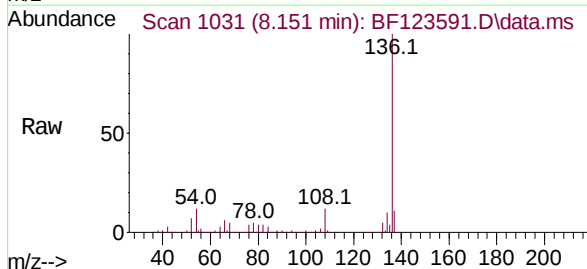


Abundance Scan 992 (7.922 min): BF123565.D\data.ms (-977) #32



Benzoic acid
Concen: 4.59 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.229 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

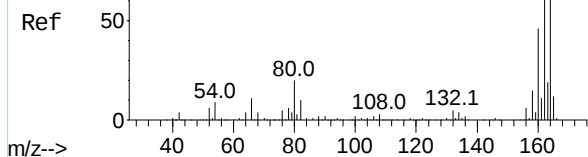
Tgt Ion:	122	Resp:	355
Ion	Ratio	Lower	Upper
122	100		
105	243.3	107.8	147.8#
77	652.9	81.6	121.6#



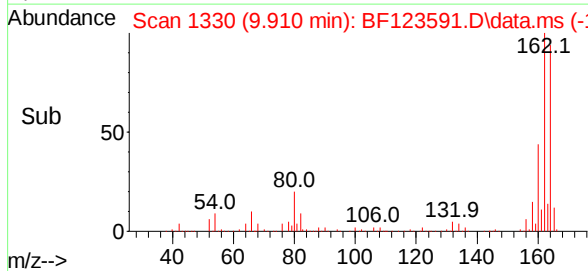
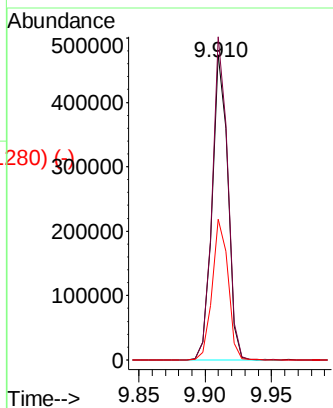
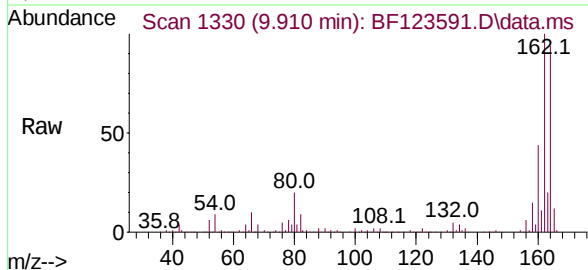
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-1329)

Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

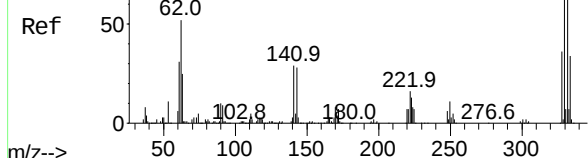


Tgt Ion:	164	Resp:	389727
Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.7	121.1
160	46.2	37.3	55.9

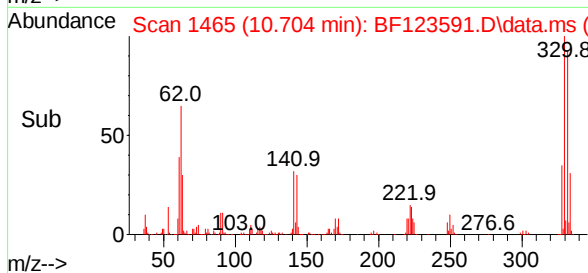
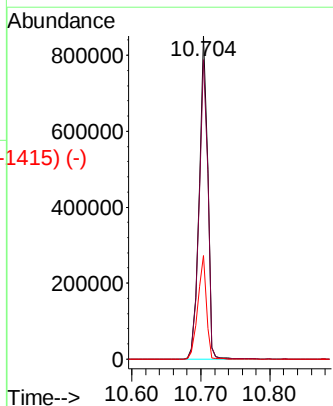
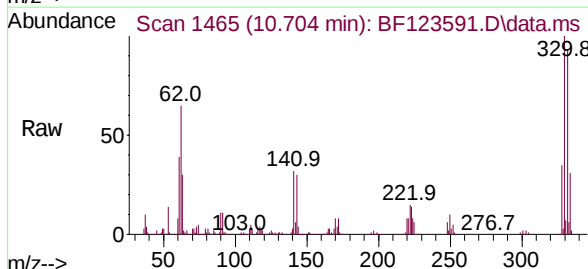


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1463)

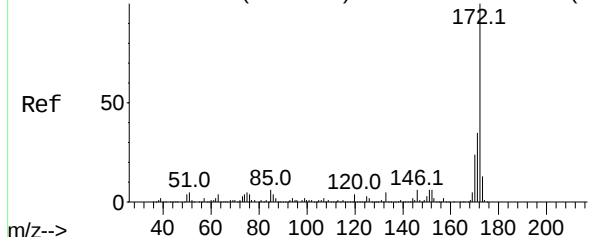
2,4,6-Tribromophenol
Concen: 164.62 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20



Tgt Ion:	330	Resp:	726512
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	32.4	27.9	41.9



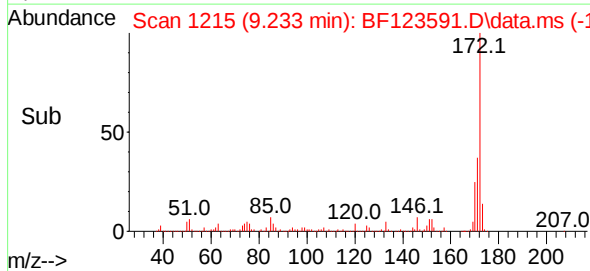
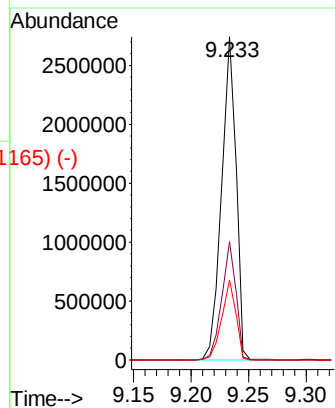
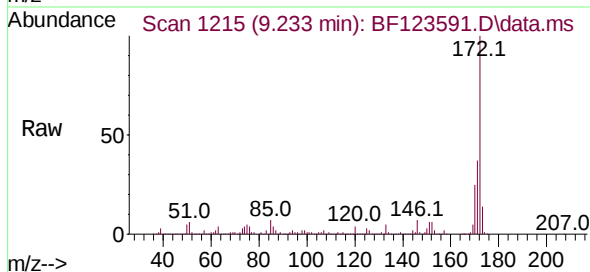
Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-12165)



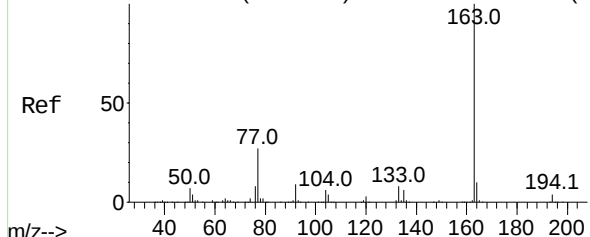
2-Fluorobiphenyl
Concen: 92.71 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

Tgt Ion:	172	Resp:	2423838
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.1	42.1
170	24.8	19.2	28.8

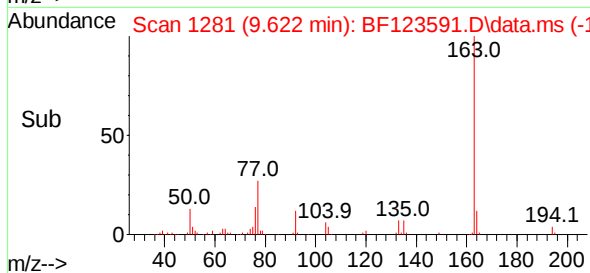
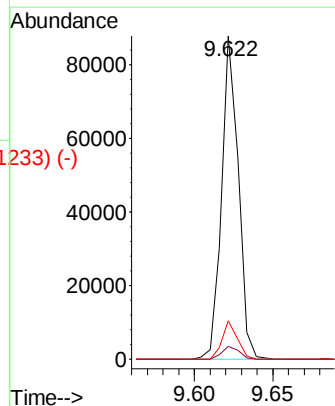
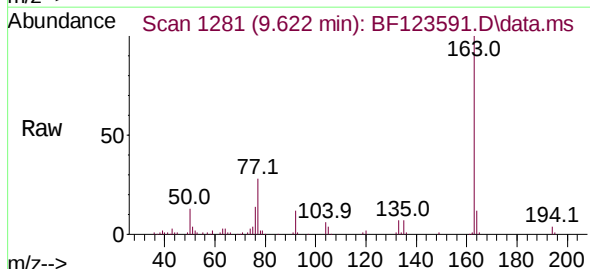


Abundance Scan 1284 (9.639 min): BF123565.D\data.ms (-12750)

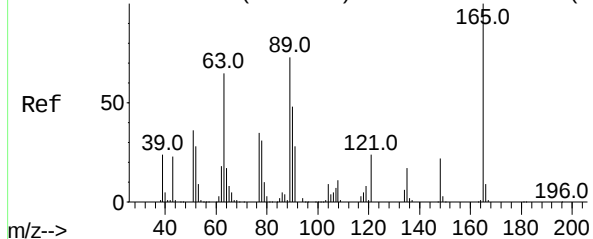


Dimethylphthalate
Concen: 2.42 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Tgt Ion:	163	Resp:	65047
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	11.9	8.2	12.2

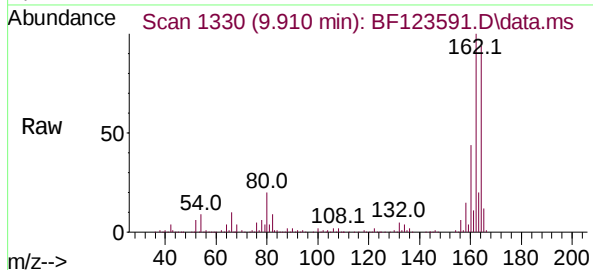


Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-12851-)

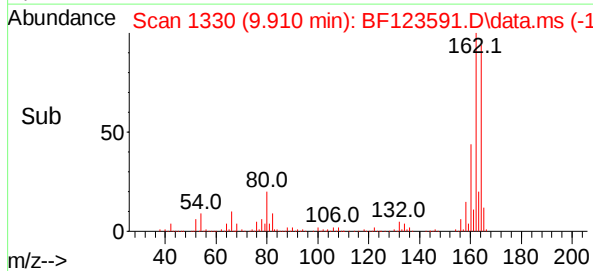
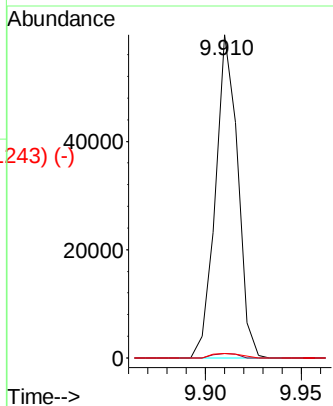


2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

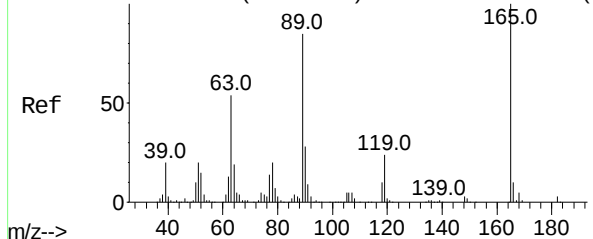
Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0



Tgt Ion:	165	Resp:	48423
Ion	Ratio	Lower	Upper
165	100		
63	1.3	67.7	101.5#
89	1.3	58.8	88.2#

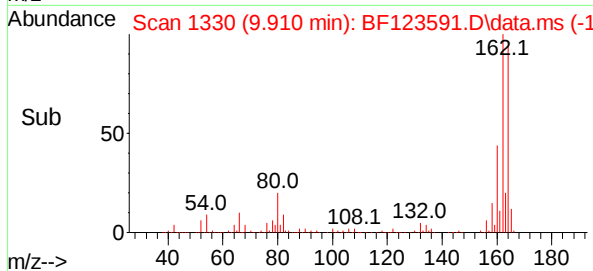
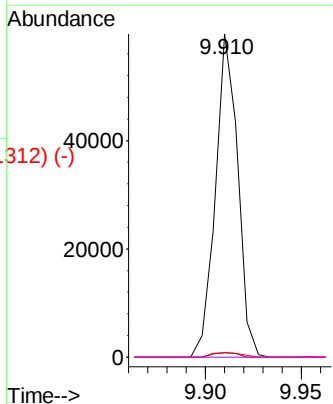
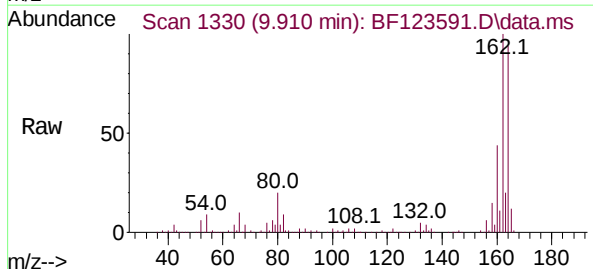


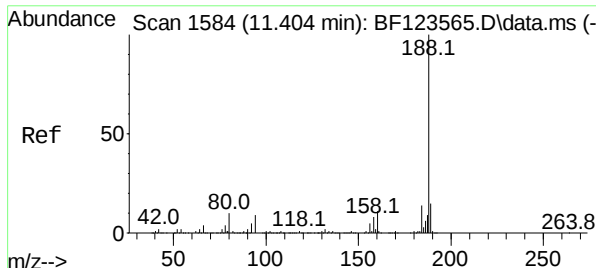
Abundance Scan 1363 (10.104 min): BF123565.D\data.ms (-13567) (-)



2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Tgt Ion:	165	Resp:	48423
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.5	65.3#
89	1.3	67.7	101.5#
182	0.0	2.1	3.1#

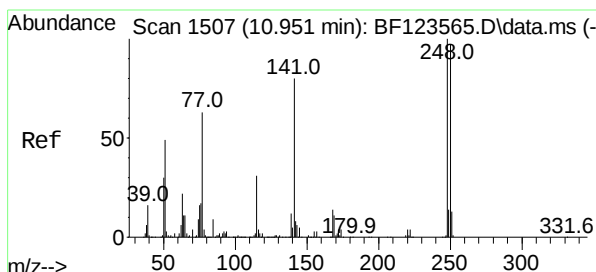
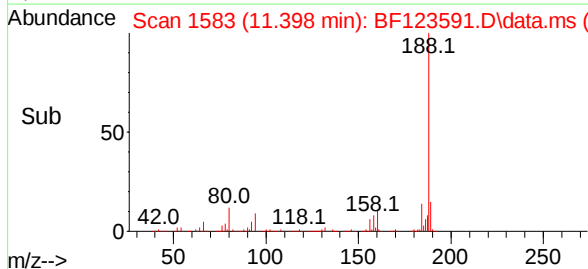
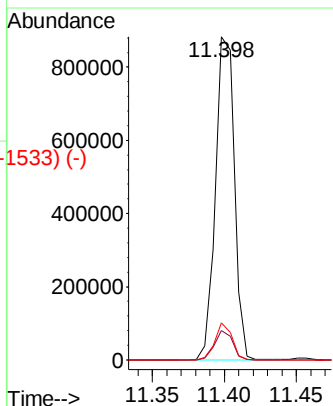
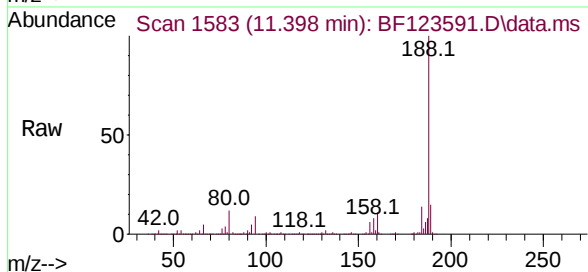




Scan 1584 (11.404 min): BF123565.D\data.ms (-1584) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.006 min
 Lab File: BF123591.D
 Acq: 16 Apr 2021 14:20

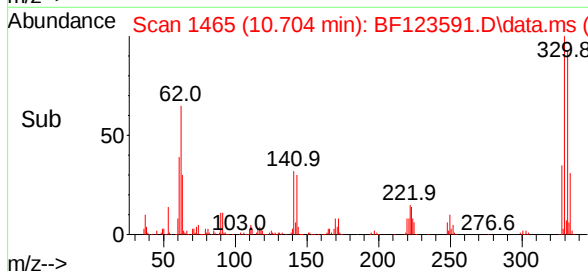
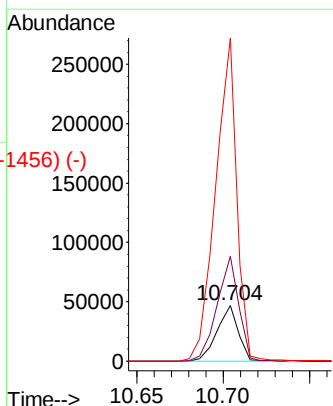
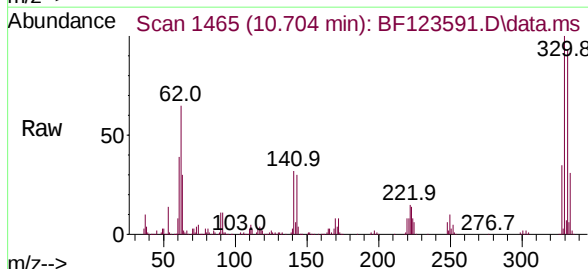
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-14.5-15.0

Tgt Ion:	188	Resp:	801470
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	11.5	8.2	12.2



Scan 1507 (10.951 min): BF123565.D\data.ms (-1507) (-)
 4-Bromophenyl-phenylether
 Concen: 4.83 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.247 min
 Lab File: BF123591.D
 Acq: 16 Apr 2021 14:20

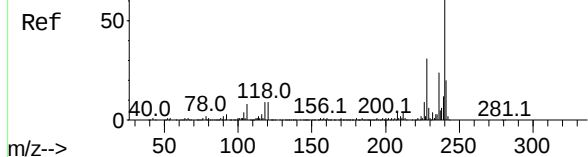
Tgt Ion:	248	Resp:	40457
Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.4	116.2#
141	577.9	63.7	95.5#



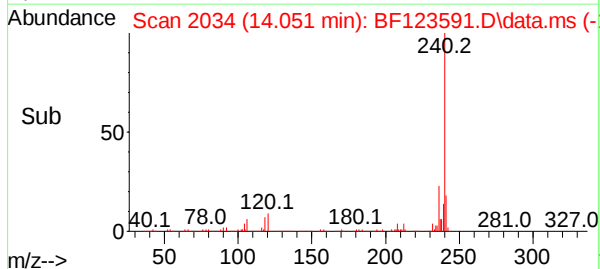
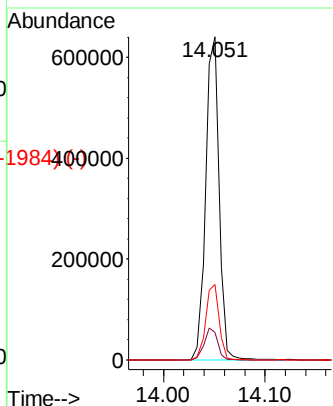
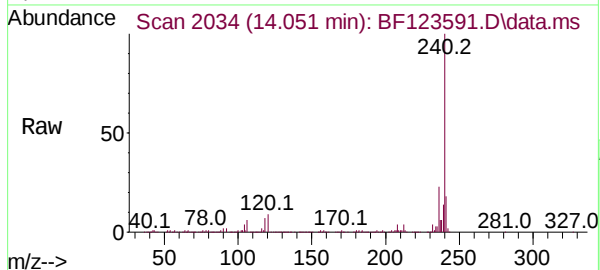
Abundance Scan 2035 (14.057 min): BF123565.D\data.ms (-2029) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

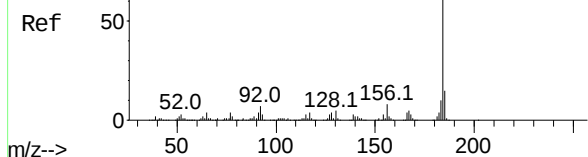


Tgt Ion:	240	Resp:	588231
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.2	10.8
236	23.4	19.0	28.4

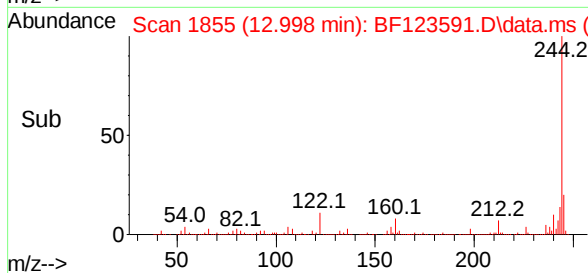
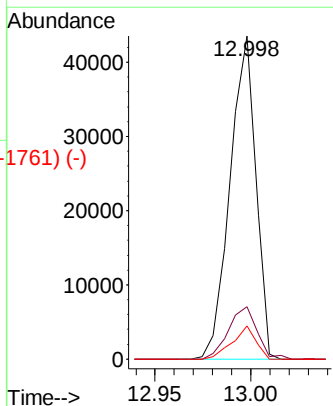
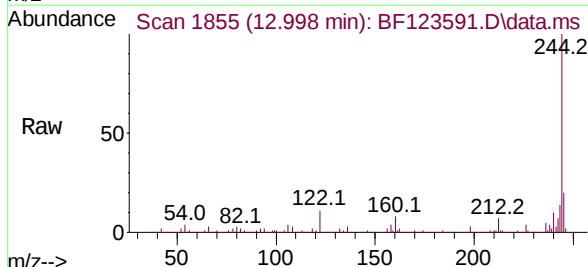


Abundance Scan 1811 (12.739 min): BF123565.D\data.ms (-1874) (-)

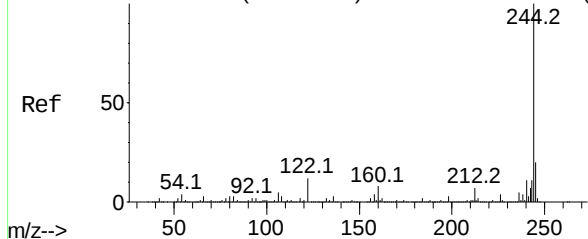
Benzidine
Concen: 2.55 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20



Tgt Ion:	184	Resp:	40711
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.1	18.1
183	10.2	7.8	11.8



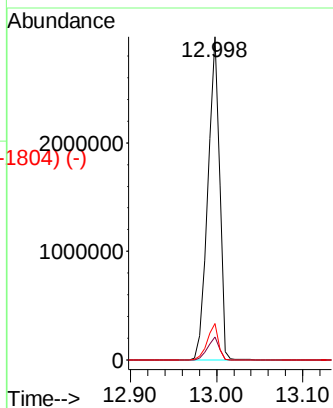
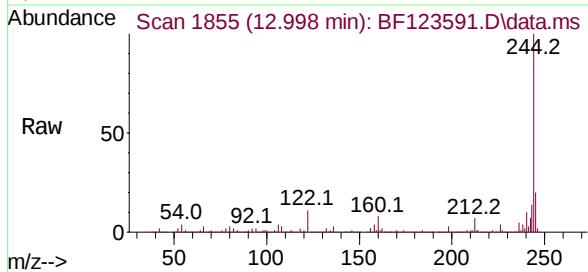
Abundance Scan 1855 (12.998 min): BF123565.D\data.ms (-1804) (-)



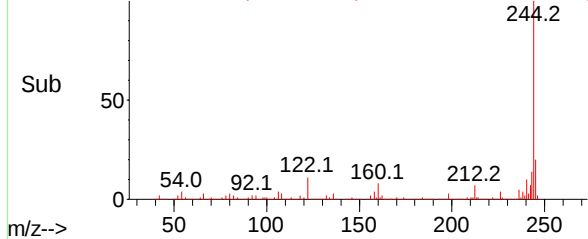
Terphenyl-d14
Concen: 92.03 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Instrument :
BNA_F
ClientSampleId :
SB-05-14.5-15.0

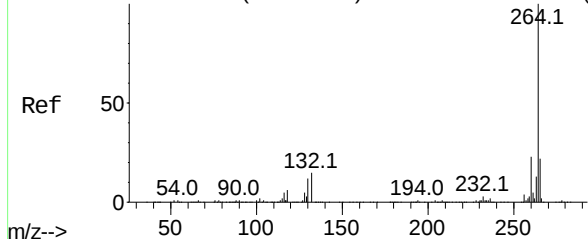
Tgt Ion:244 Resp: 2785277
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.2 9.7 14.5



Abundance Scan 1855 (12.998 min): BF123591.D\data.ms (-1804) (-)

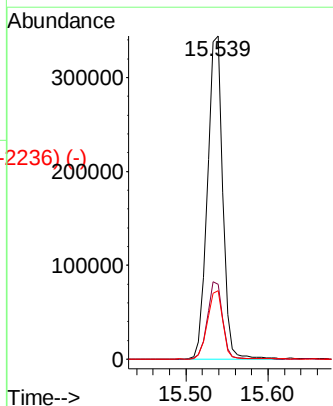
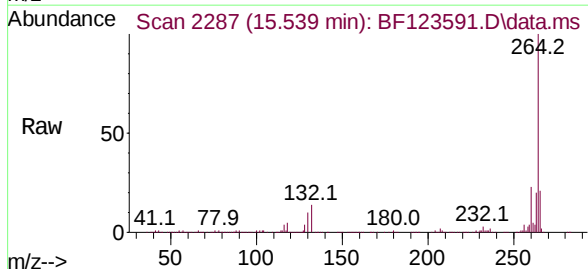


Abundance Scan 2287 (15.539 min): BF123565.D\data.ms (-2236) (-)



Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123591.D
Acq: 16 Apr 2021 14:20

Tgt Ion:264 Resp: 445097
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 17.8 26.8



Abundance Scan 2287 (15.539 min): BF123591.D\data.ms (-2236) (-)

