

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123585.D
 Acq On : 16 Apr 2021 11:06
 Operator : JU/CG
 Sample : M2048-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-13.5-14.0

Quant Time: Apr 16 12:36:32 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)

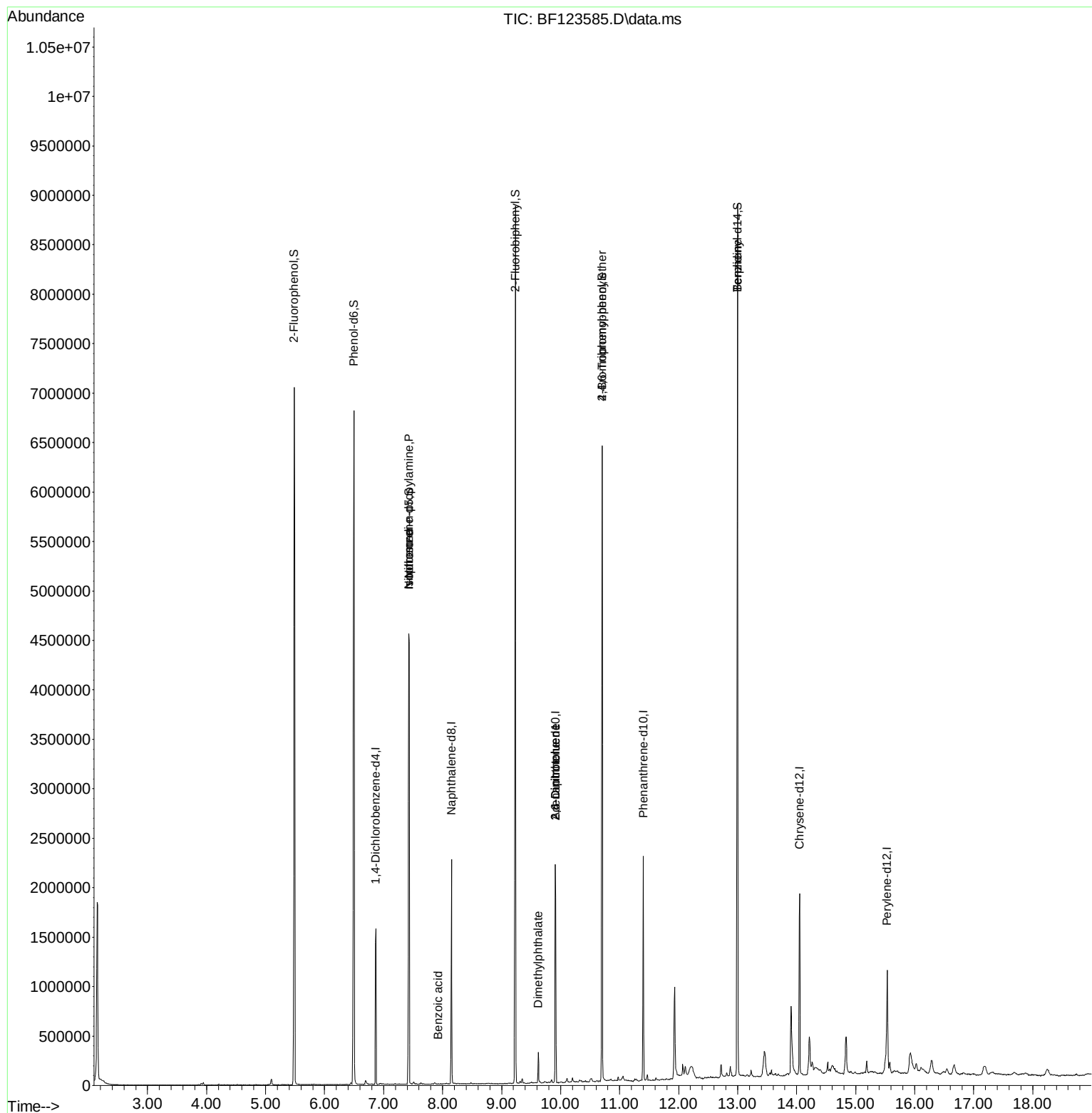
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	207242	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	787820	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	411827	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	819324	20.00	ng	0.00
76) Chrysene-d12	14.051	240	622203	20.00	ng	0.00
86) Perylene-d12	15.533	264	473764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1714583	133.72	ng	0.00
7) Phenol-d6	6.498	99	2214384	124.63	ng	0.00
23) Nitrobenzene-d5	7.428	82	1598766	93.29	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	711125	152.49	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2484949	89.95	ng	0.00
79) Terphenyl-d14	12.998	244	2877248	89.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	223033	18.95	ng	Qvalue
25) Isophorone	7.428	82	1596274	48.01	ng	# 73
32) Benzoic acid	7.922	122	113	4.56	ng	# 1
50) Dimethylphthalate	9.622	163	92037	3.23	ng	99
51) 2,6-Dinitrotoluene	9.910	165	55685	8.92	ng	# 11
57) 2,4-Dinitrotoluene	9.910	165	55685	6.68	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	40327	4.71	ng	# 1
77) Benzidine	12.998	184	41430	2.45	ng	96
89) Benzo(k)fluoranthene	15.133	252	115	Below Cal		# 1

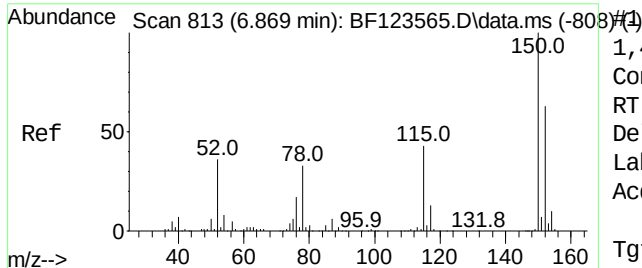
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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Misc :
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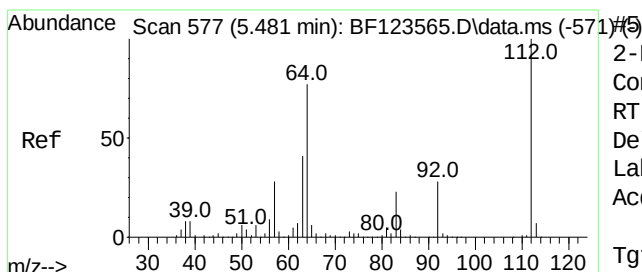
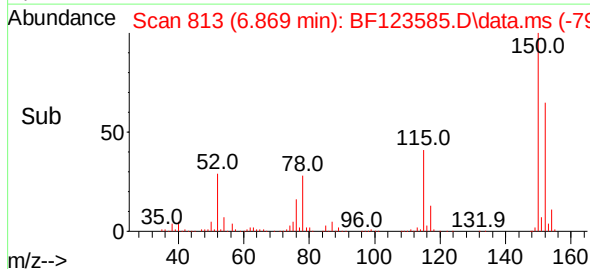
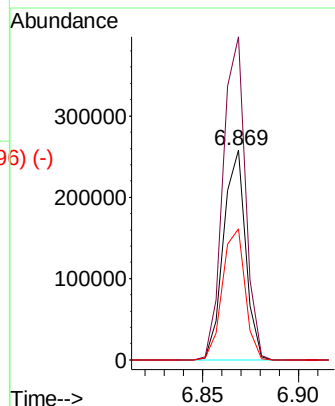
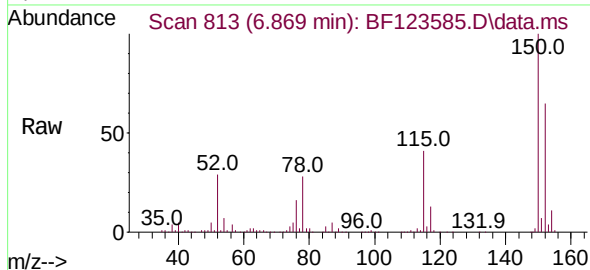




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

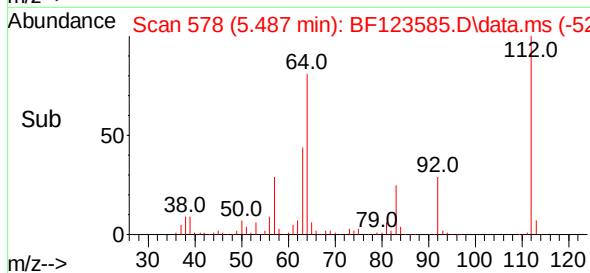
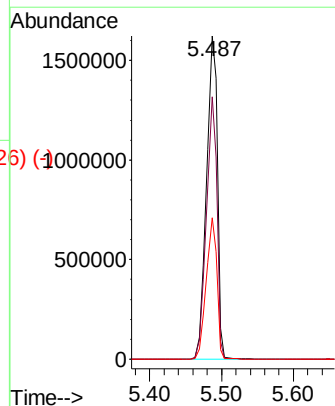
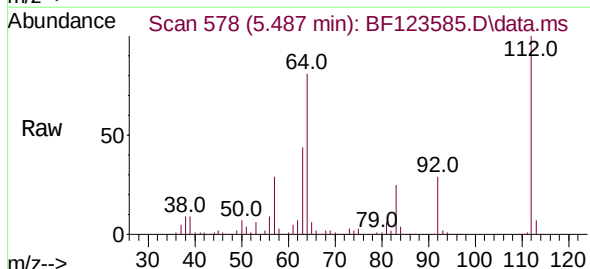
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

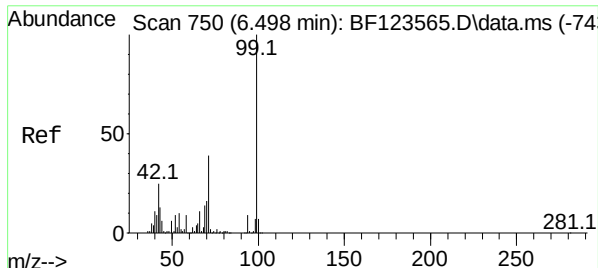
Tgt Ion:	152	Resp:	207242
Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.0	190.6
115	62.5	54.3	81.5



2-Fluorophenol
Concen: 133.72 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Tgt Ion:	112	Resp:	1714583
Ion	Ratio	Lower	Upper
112	100		
64	81.3	61.4	92.0
63	43.8	33.0	49.4

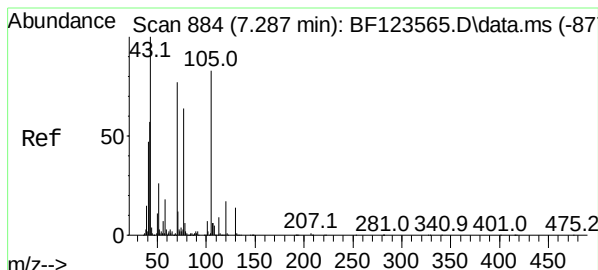
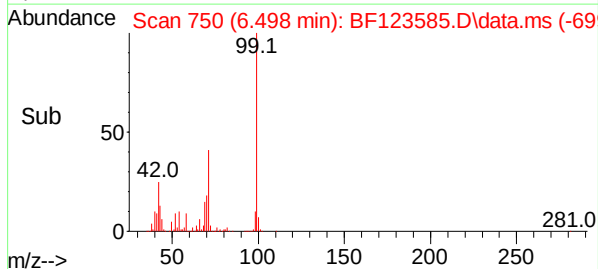
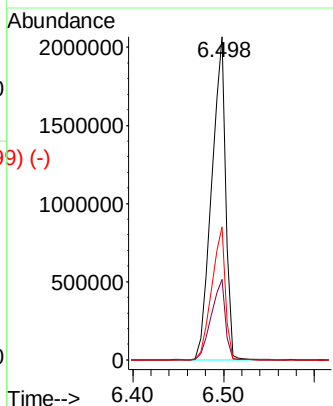
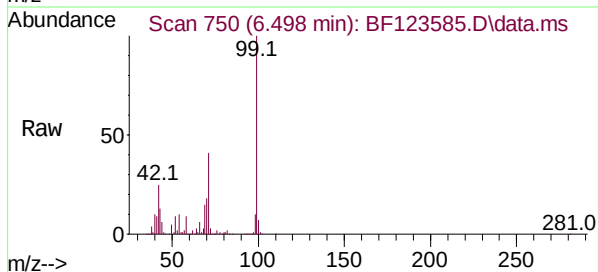




Phenol-d6
 Concen: 124.63 ng
 RT: 6.498 min Scan# 750
 Delta R.T. -0.000 min
 Lab File: BF123585.D
 Acq: 16 Apr 2021 11:06

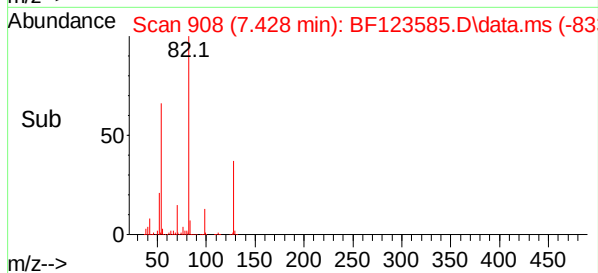
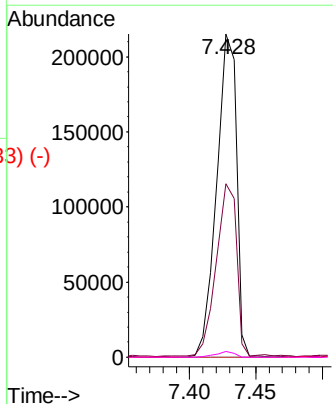
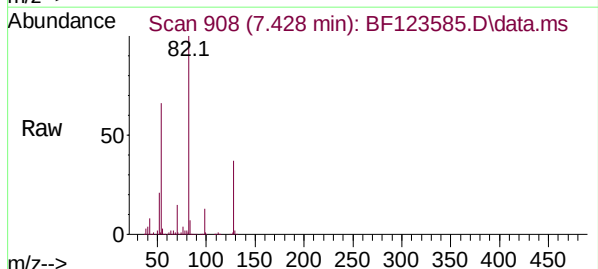
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-13.5-14.0

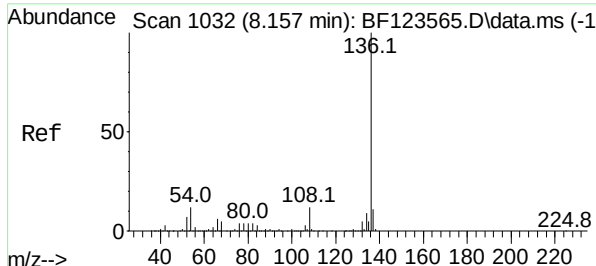
Tgt Ion:	99	Resp:	2214384
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	41.1	31.1	46.7



n-Nitroso-di-n-propylamine
 Concen: 18.95 ng
 RT: 7.428 min Scan# 908
 Delta R.T. 0.141 min
 Lab File: BF123585.D
 Acq: 16 Apr 2021 11:06

Tgt Ion:	70	Resp:	223033
Ion	Ratio	Lower	Upper
70	100		
42	53.6	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#

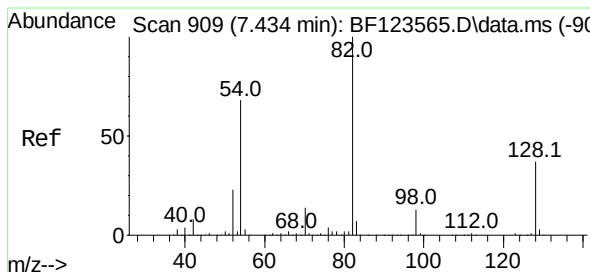
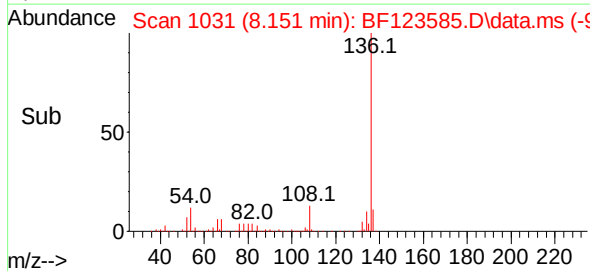
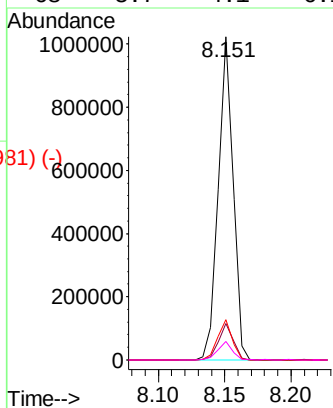
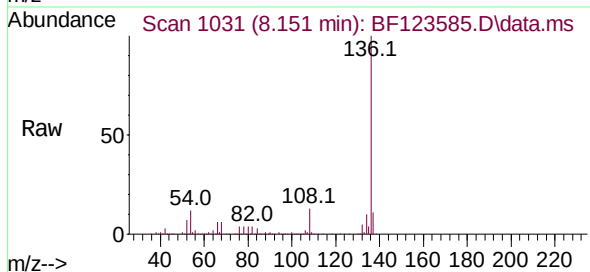




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

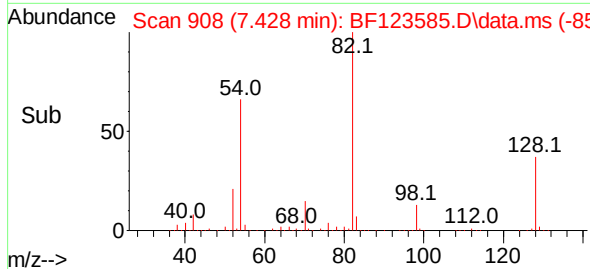
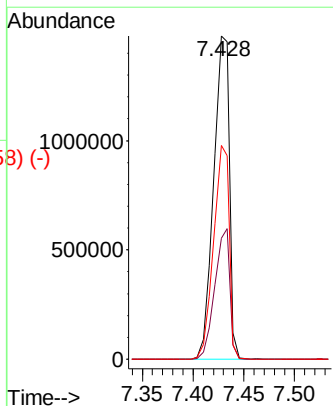
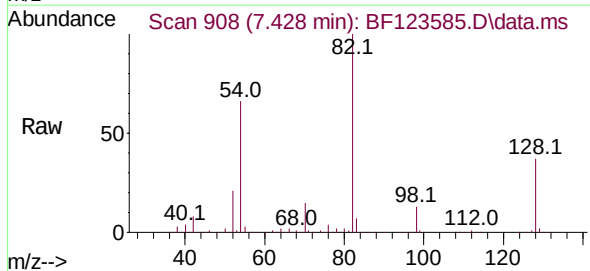
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

Tgt Ion:	136	Resp:	787820
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.5	9.8	14.6
68	5.7	4.1	6.1

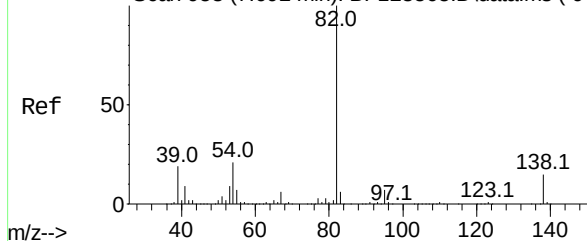


#23
Nitrobenzene-d5
Concen: 93.29 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Tgt Ion:	82	Resp:	1598766
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	66.1	54.1	81.1



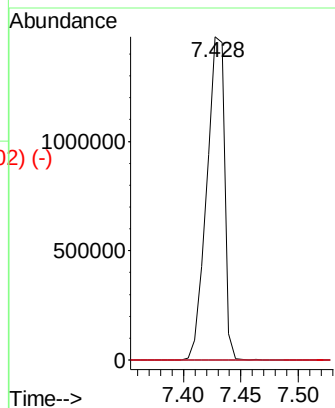
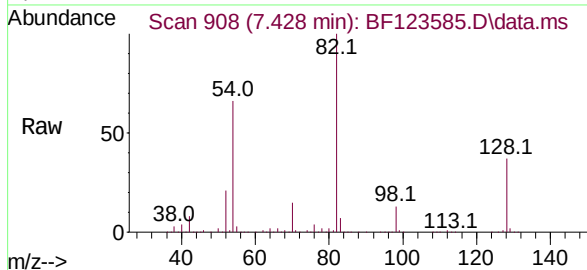
Abundance Scan 953 (7.692 min): BF123565.D\data.ms (-947) #25



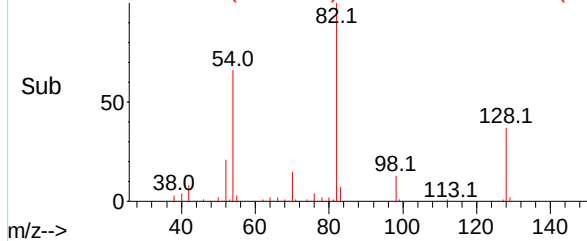
Isophorone
Concen: 48.01 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

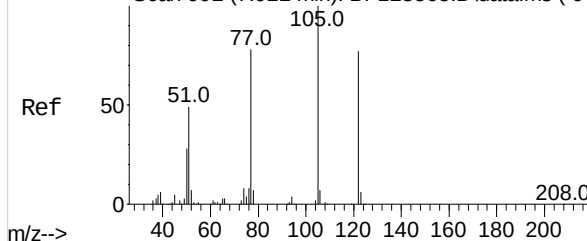
Tgt Ion: 82 Resp: 1596274
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



Abundance Scan 908 (7.428 min): BF123585.D\data.ms (-902) (-)

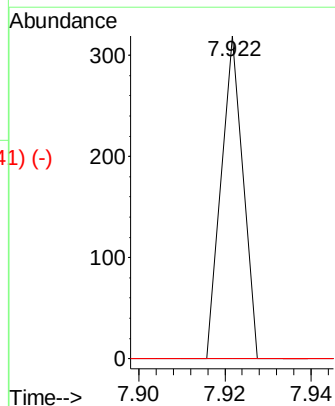
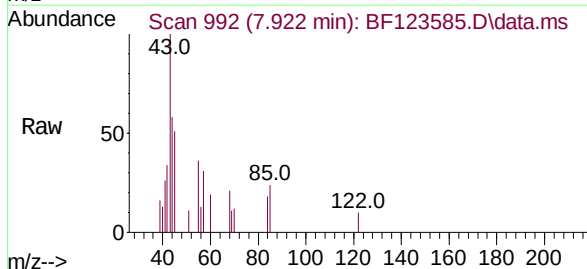


Abundance Scan 992 (7.922 min): BF123565.D\data.ms (-977) #32

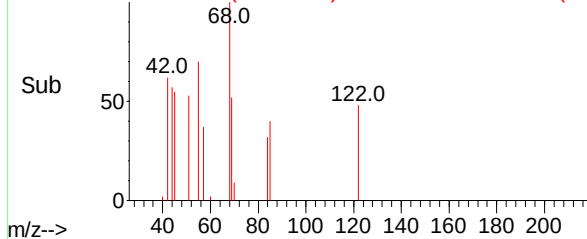


Benzoic acid
Concen: 4.56 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#



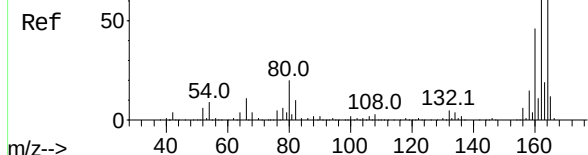
Abundance Scan 992 (7.922 min): BF123585.D\data.ms (-941) (-)



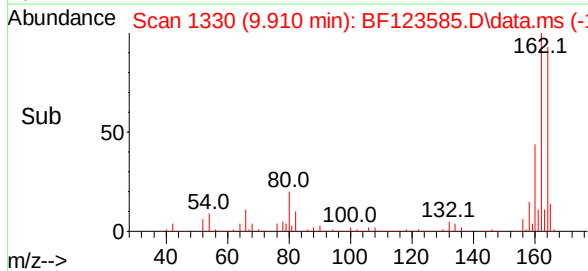
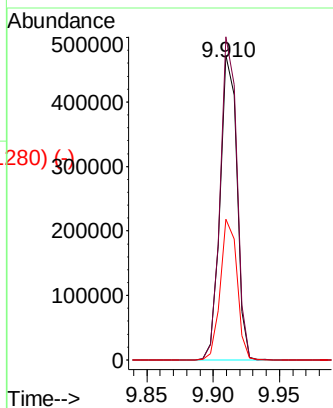
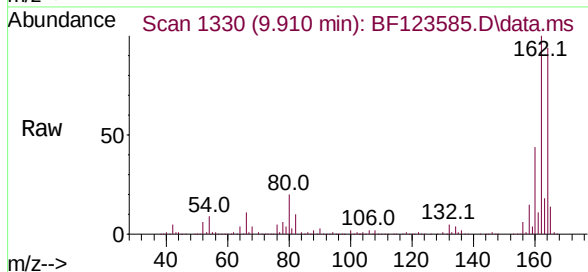
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-1329)

Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

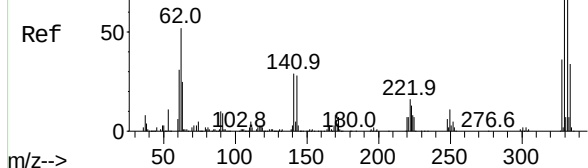


Tgt Ion:	164	Resp:	411827
Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.7	121.1
160	46.3	37.3	55.9

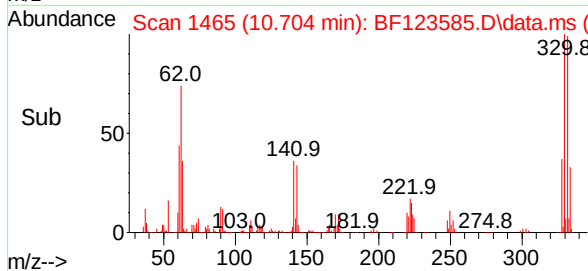
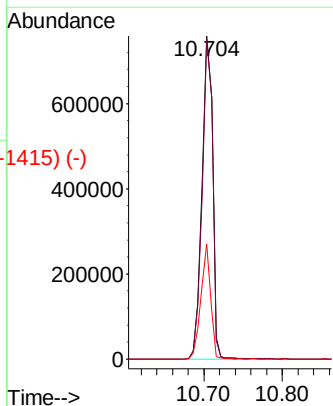
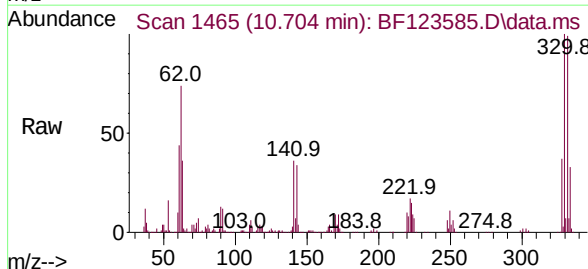


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1465)

2,4,6-Tribromophenol
Concen: 152.49 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06



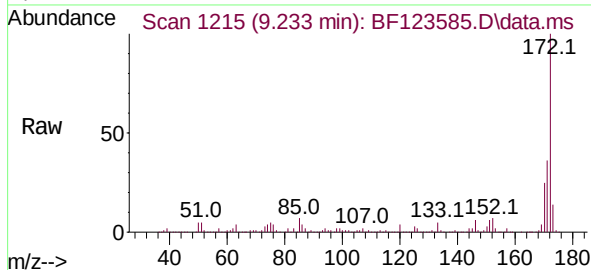
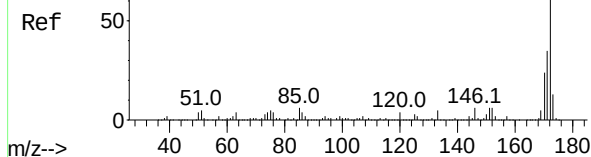
Tgt Ion:	330	Resp:	711125
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	32.6	27.9	41.9



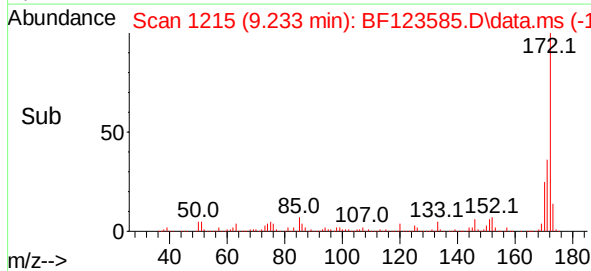
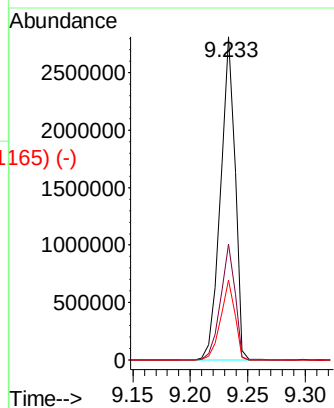
Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-12165-)

2-Fluorobiphenyl
Concen: 89.95 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

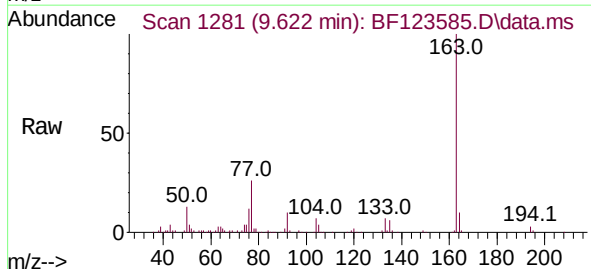
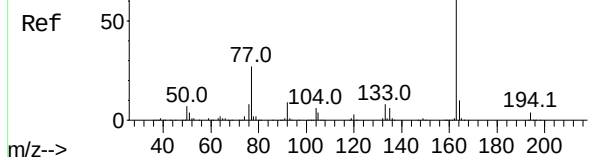


Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	24.7	19.2	28.8

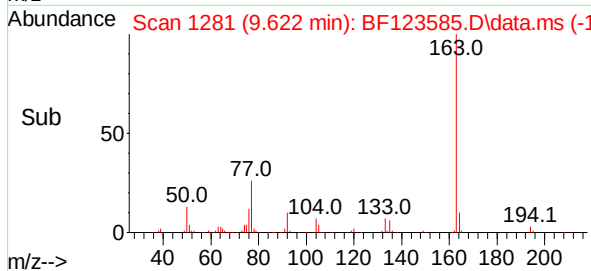
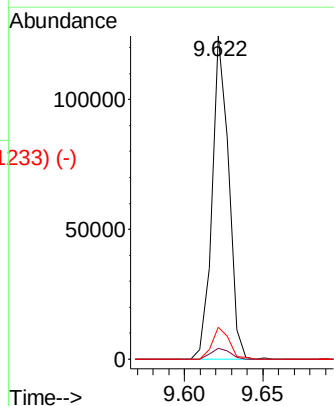


Abundance Scan 1284 (9.639 min): BF123565.D\data.ms (-12750-)

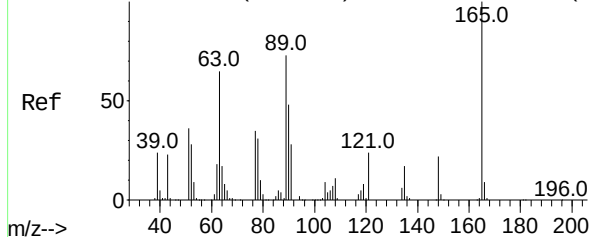
Dimethylphthalate
Concen: 3.23 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06



Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.9	8.2	12.2

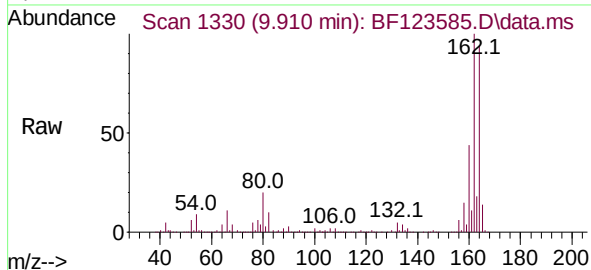


Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-12851)

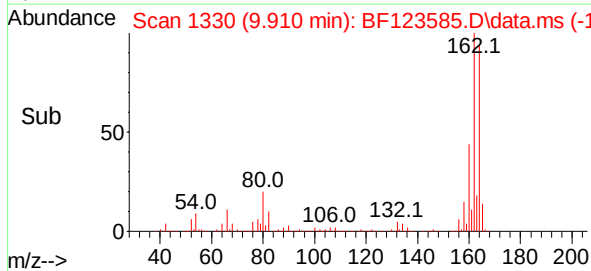
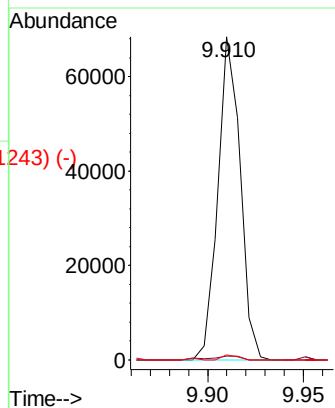


2,6-Dinitrotoluene
Concen: 8.92 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

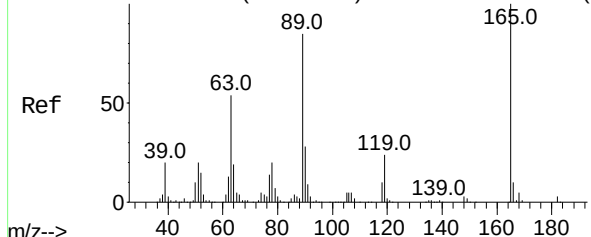
Instrument :
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SB-02-13.5-14.0



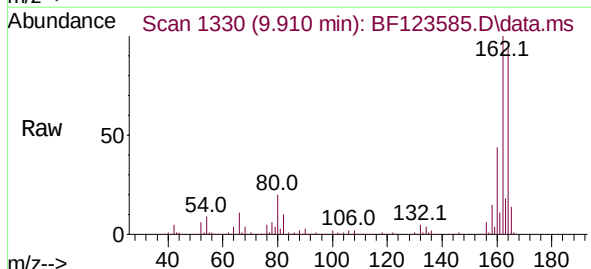
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	67.7	101.5#
89	1.5	58.8	88.2#



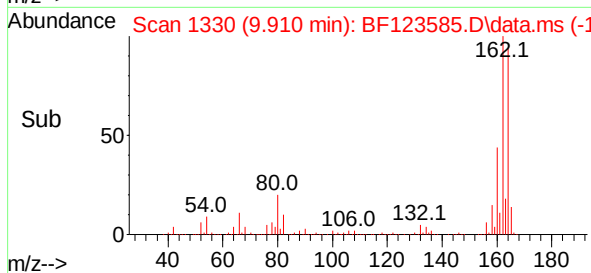
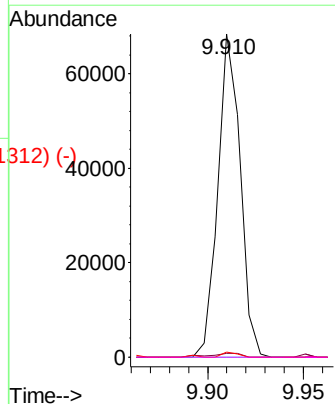
Abundance Scan 1363 (10.104 min): BF123565.D\data.ms (-1356)

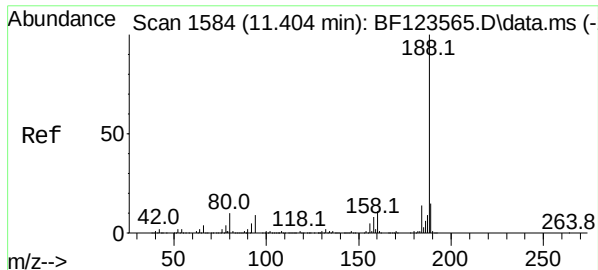


2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06



Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.5	65.3#
89	1.5	67.7	101.5#
182	0.0	2.1	3.1#

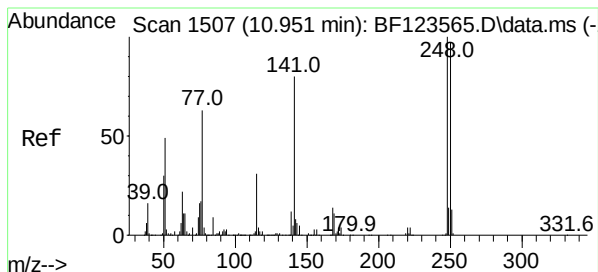
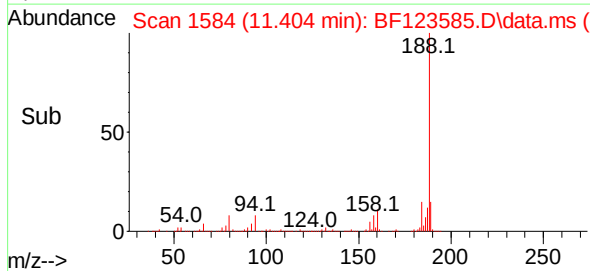
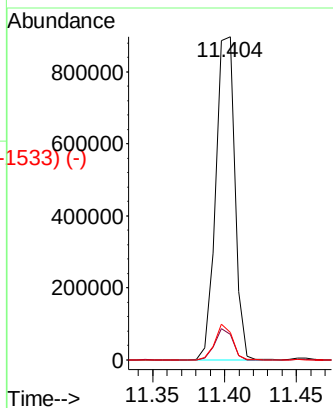
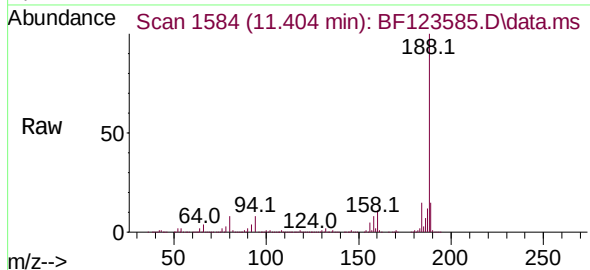




Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

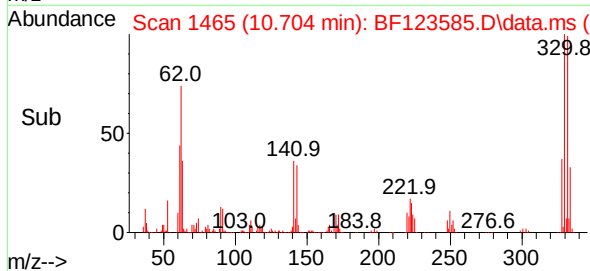
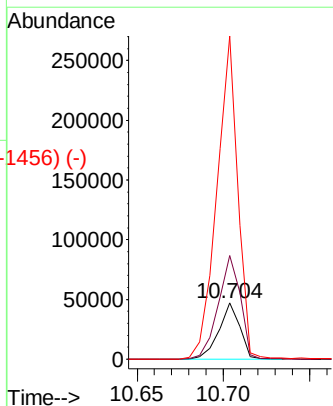
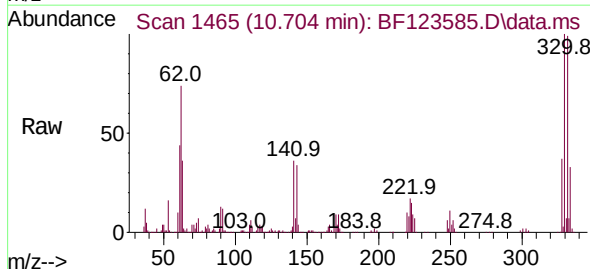
Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

Tgt Ion:	188	Resp:	819324
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.5	8.2	12.2



4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

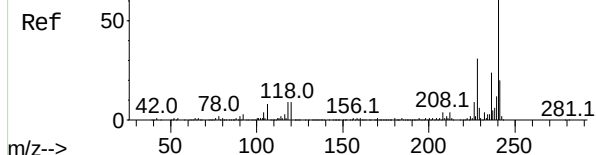
Tgt Ion:	248	Resp:	40327
Ion	Ratio	Lower	Upper
248	100		
250	184.1	77.4	116.2#
141	575.4	63.7	95.5#



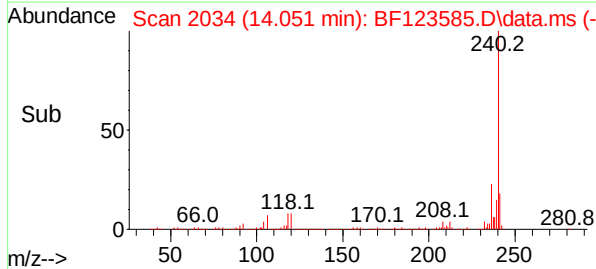
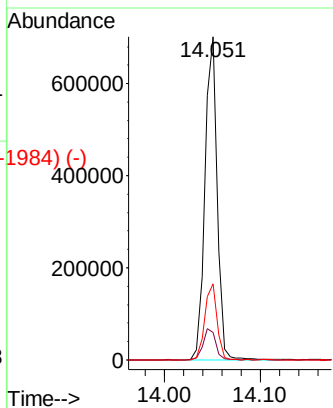
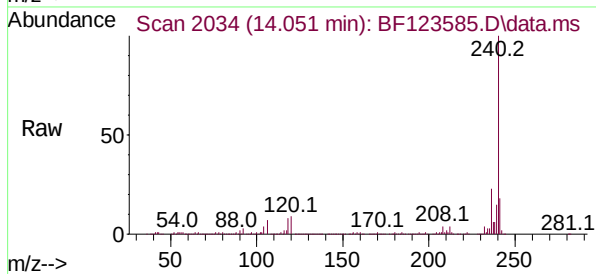
Abundance Scan 2035 (14.057 min): BF123565.D\data.ms (-1984) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

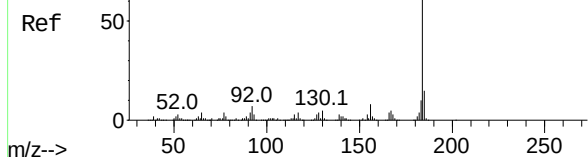


Tgt Ion:	240	Resp:	622203
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	23.5	19.0	28.4

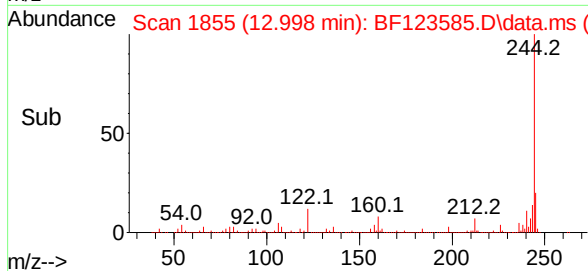
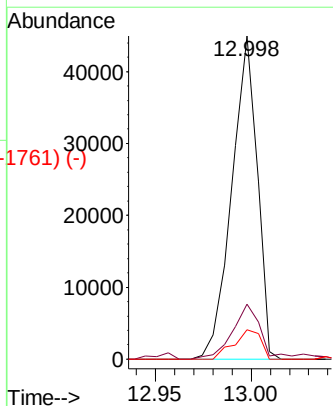
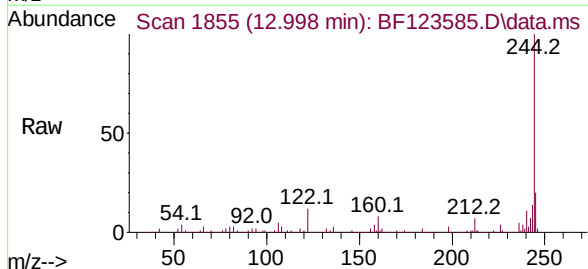


Abundance Scan 1811 (12.739 min): BF123565.D\data.ms (-1874) (-)

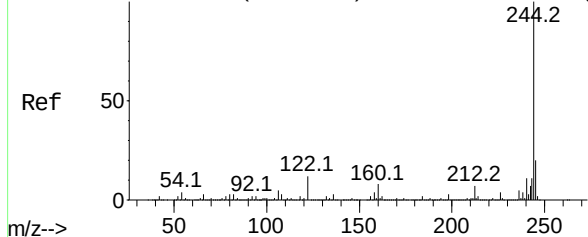
Benzidine
Concen: 2.45 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06



Tgt Ion:	184	Resp:	41430
Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.1	18.1
183	9.0	7.8	11.8



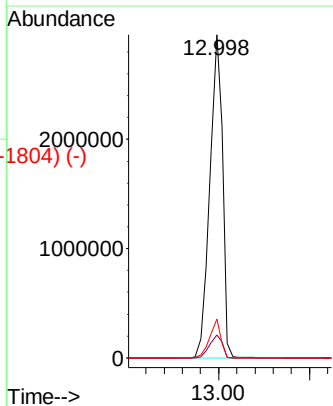
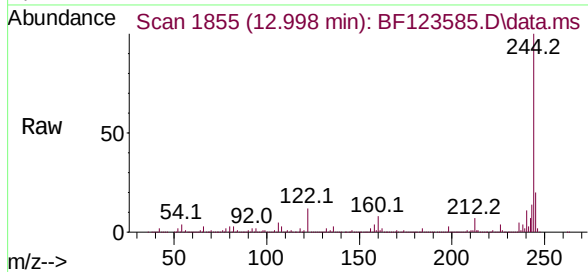
Abundance Scan 1855 (12.998 min): BF123565.D\data.ms (-1804) (-)



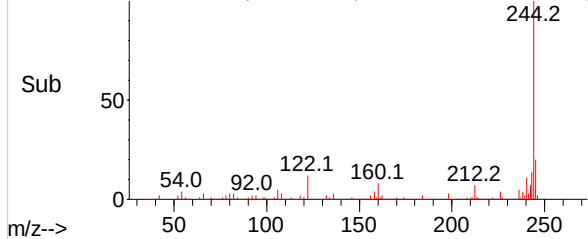
Terphenyl-d14
Concen: 89.88 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0

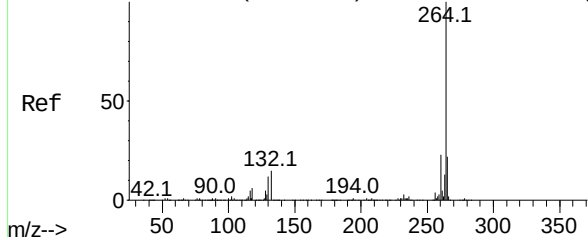
Tgt Ion:244 Resp: 2877248
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 12.0 9.7 14.5



Abundance Scan 1855 (12.998 min): BF123585.D\data.ms (-1804) (-)

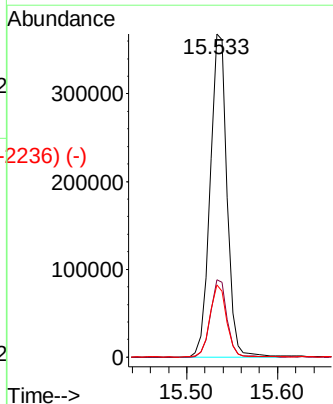
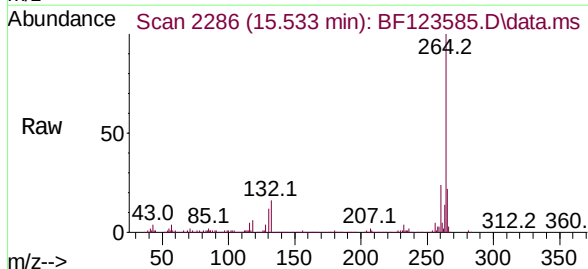


Abundance Scan 2287 (15.539 min): BF123565.D\data.ms (-2236) (-)



Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF123585.D
Acq: 16 Apr 2021 11:06

Tgt Ion:264 Resp: 473764
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.4 17.8 26.8



Abundance Scan 2286 (15.533 min): BF123585.D\data.ms (-2236) (-)

