

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
 Data File : BF123571.D
 Acq On : 15 Apr 2021 17:01
 Operator : JU/CG
 Sample : PB135703BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135703BL

Quant Time: Apr 15 17:22:16 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)

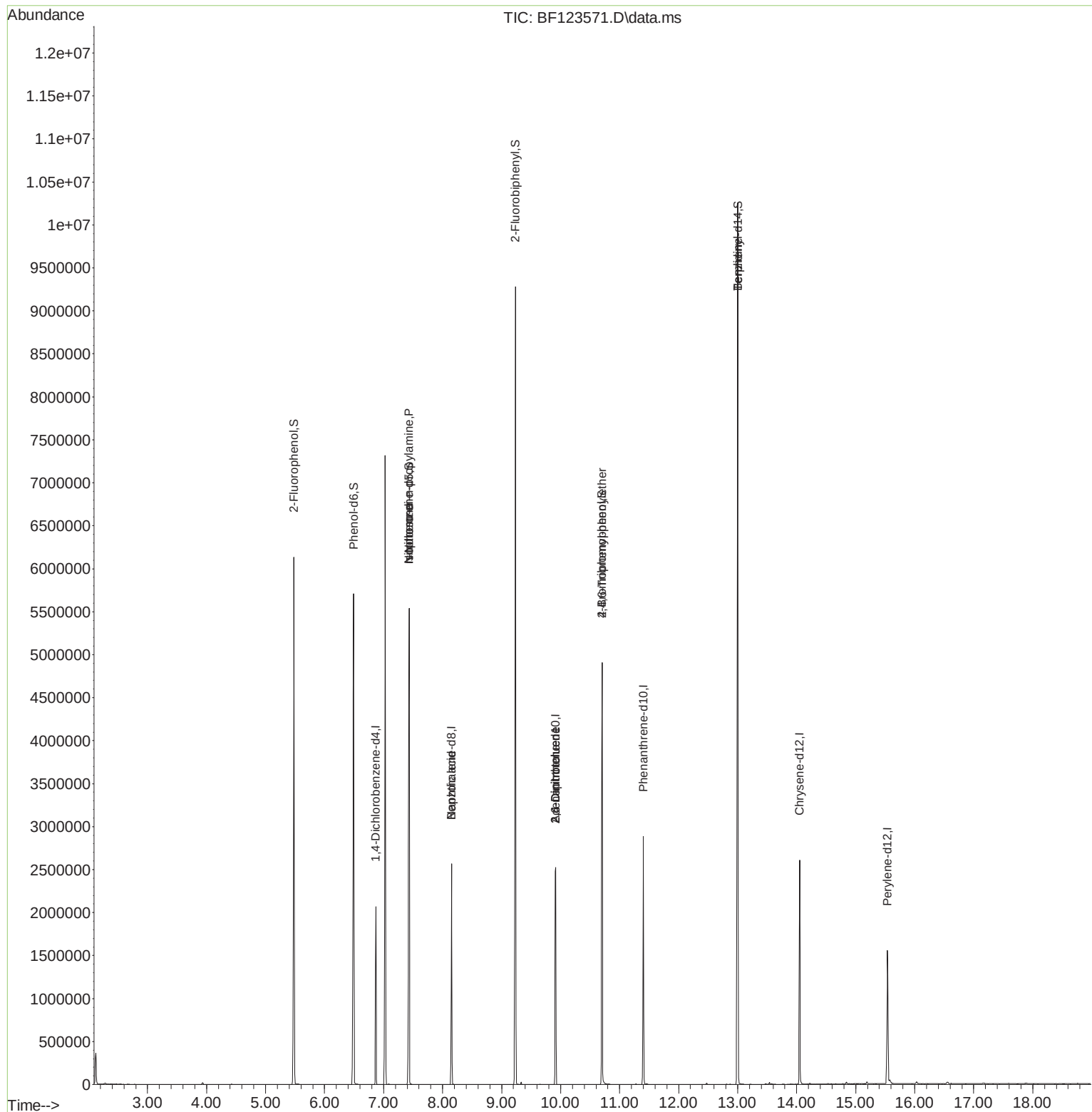
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	253856	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	970228	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	488347	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	1001789	20.00	ng	0.00
76) Chrysene-d12	14.051	240	860800	20.00	ng	0.00
86) Perylene-d12	15.539	264	730462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1336363	85.08	ng	0.00
7) Phenol-d6	6.493	99	1789161	82.20	ng	0.00
23) Nitrobenzene-d5	7.434	82	1828478	86.64	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	541889	97.99	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2885749	88.09	ng	0.00
79) Terphenyl-d14	13.004	244	3820767	86.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	249501	17.31	ng	Qvalue
25) Isophorone	7.434	82	1826473	44.61	ng	# 74
32) Benzoic acid	8.151	122	153	4.56	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	63576	8.58	ng	# 1
57) 2,4-Dinitrotoluene	9.916	165	63576	6.43	ng	# 11
67) 4-Bromophenyl-phenylether	10.704	248	29881	2.85	ng	# 17
77) Benzidine	13.004	184	53476	2.29	ng	# 1

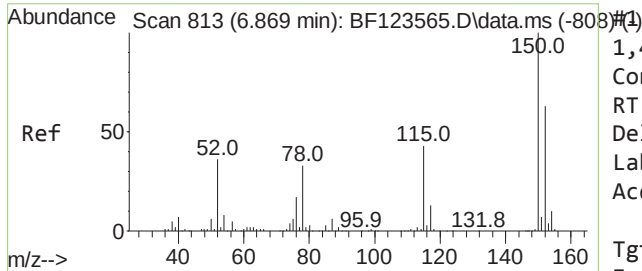
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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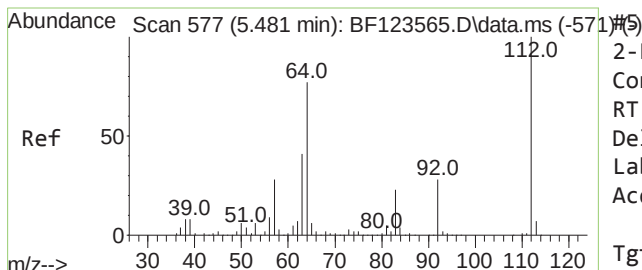
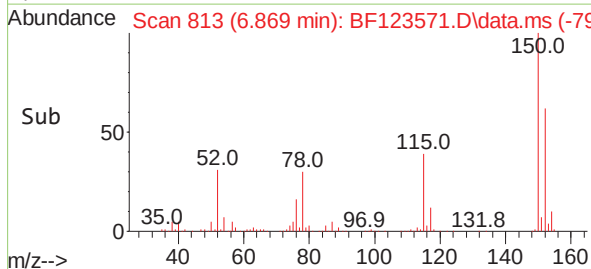
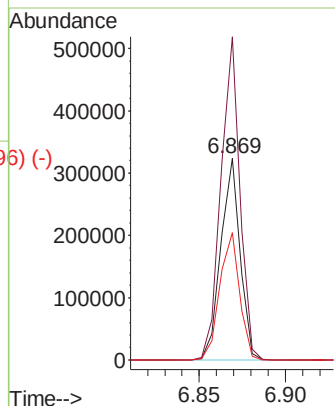
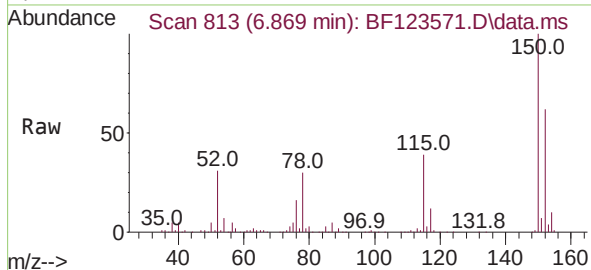




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

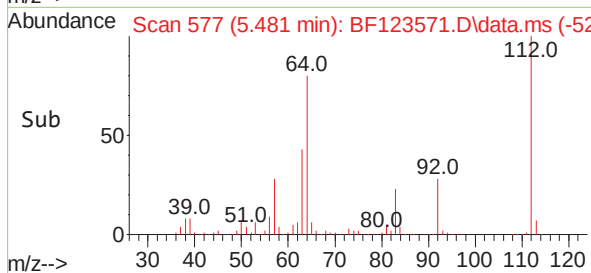
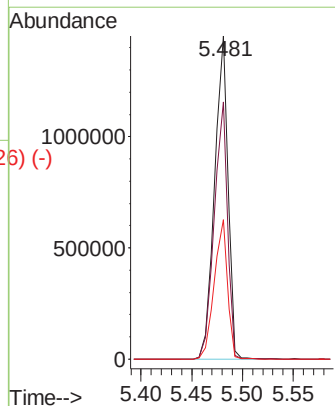
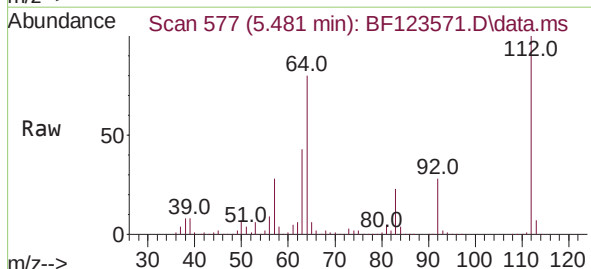
Instrument :
BNA_F
ClientSampleId :
PB135703BL

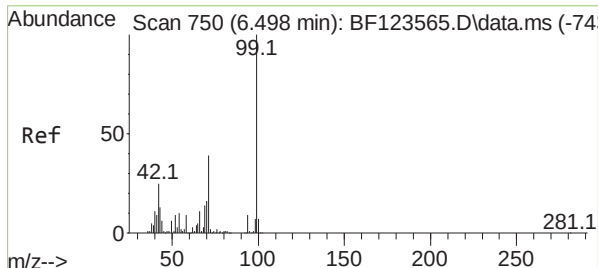
Tgt Ion:	152	Resp:	253856
Ion	Ratio	Lower	Upper
152	100		
150	160.1	127.0	190.6
115	63.2	54.3	81.5



2-Fluorophenol
Concen: 85.08 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	112	Resp:	1336363
Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.4	92.0
63	43.1	33.0	49.4

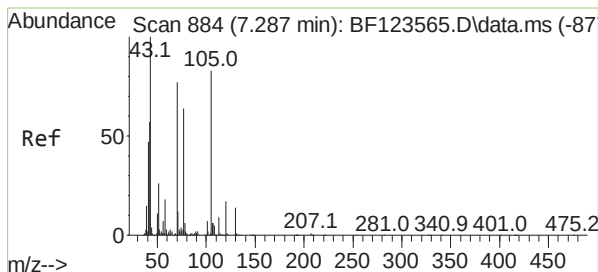
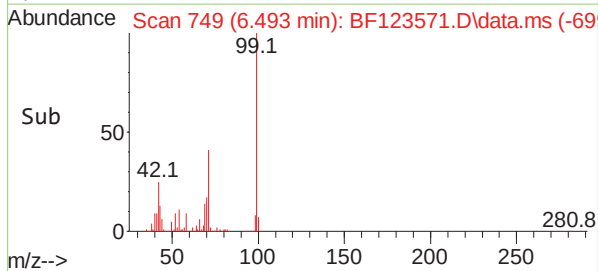
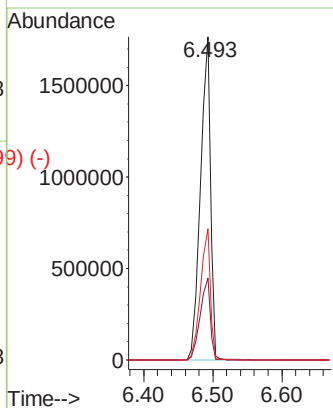
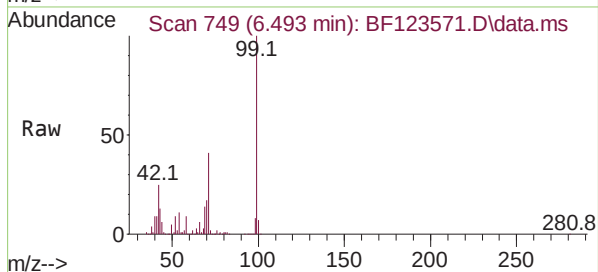




Phenol-d6
 Concen: 82.20 ng
 RT: 6.493 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF123571.D
 Acq: 15 Apr 2021 17:01

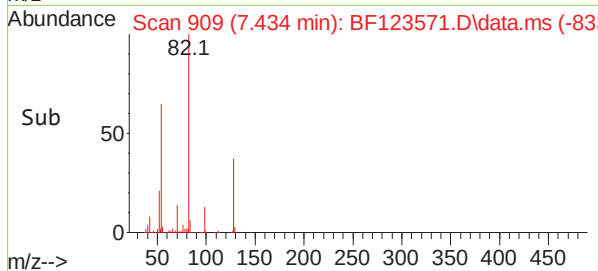
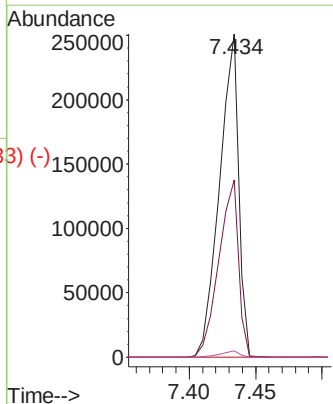
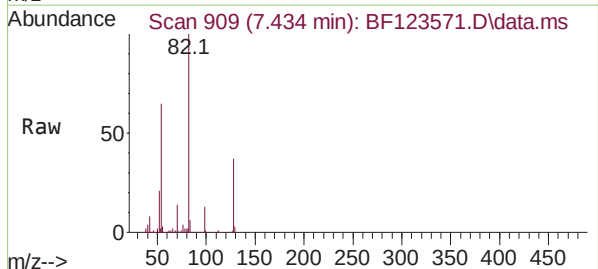
Instrument :
 BNA_F
 ClientSampleId :
 PB135703BL

Tgt Ion:	99	Resp:	1789161
Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.8
71	40.5	31.1	46.7

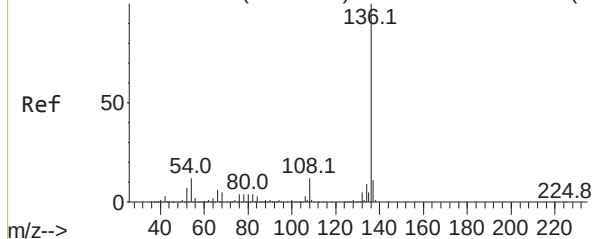


n-Nitroso-di-n-propylamine
 Concen: 17.31 ng
 RT: 7.434 min Scan# 909
 Delta R.T. 0.147 min
 Lab File: BF123571.D
 Acq: 15 Apr 2021 17:01

Tgt Ion:	70	Resp:	249501
Ion	Ratio	Lower	Upper
70	100		
42	54.9	60.1	90.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.2#



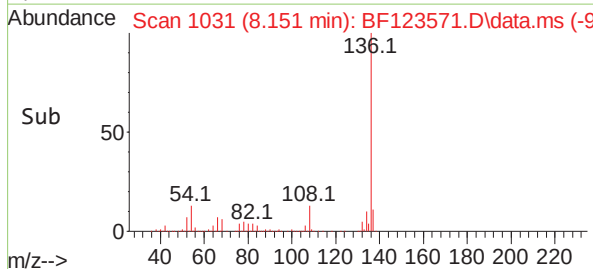
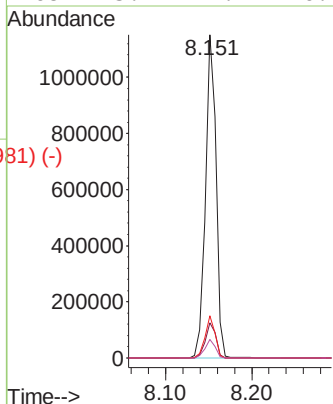
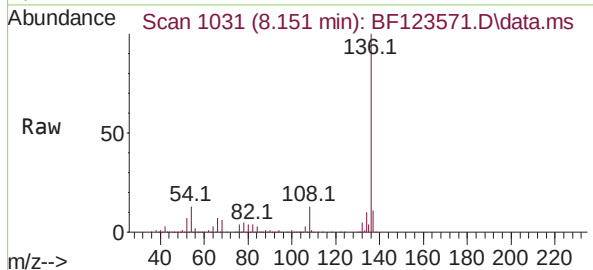
Abundance Scan 1032 (8.157 min): BF123565.D\data.ms (-1021)



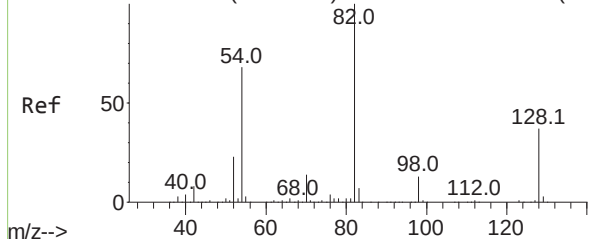
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Instrument :
BNA_F
ClientSampleId :
PB135703BL

Tgt Ion:	136	Resp:	970228
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.1	9.8	14.6
68	5.7	4.1	6.1

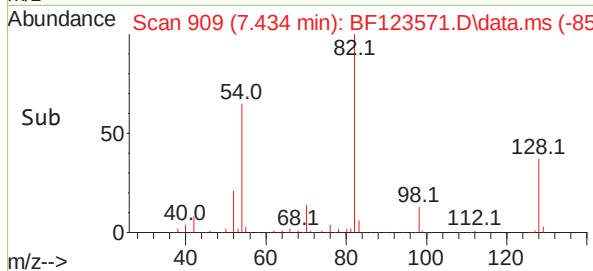
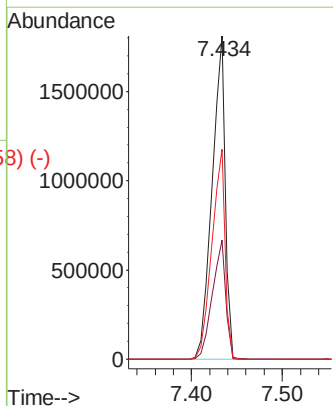
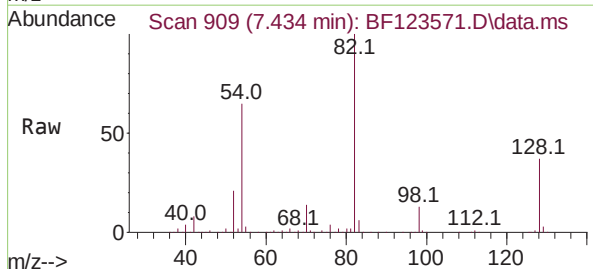


Abundance Scan 909 (7.434 min): BF123565.D\data.ms (-904) #23

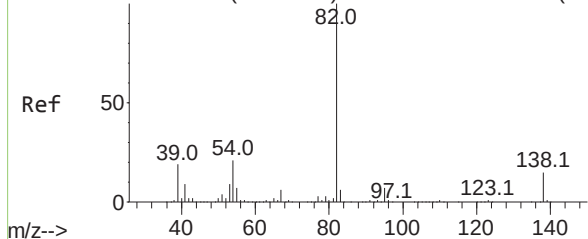


Nitrobenzene-d5
Concen: 86.64 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	82	Resp:	1828478
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.4	44.2
54	65.0	54.1	81.1



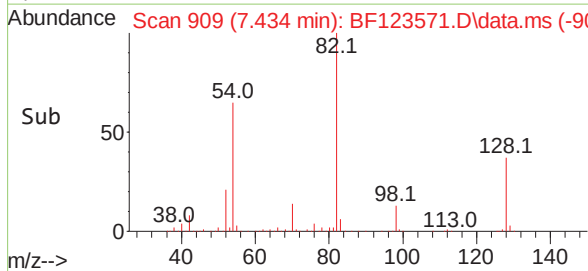
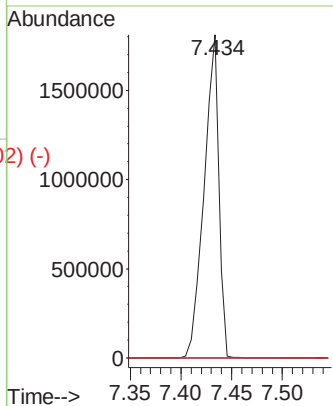
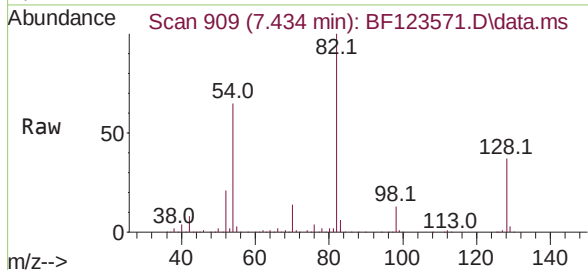
Abundance Scan 953 (7.692 min): BF123565.D\data.ms (-947) #25



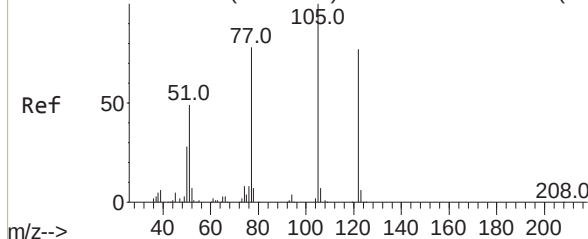
Isophorone
Concen: 44.61 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Instrument :
BNA_F
ClientSampleId :
PB135703BL

Tgt Ion: 82 Resp: 1826473
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

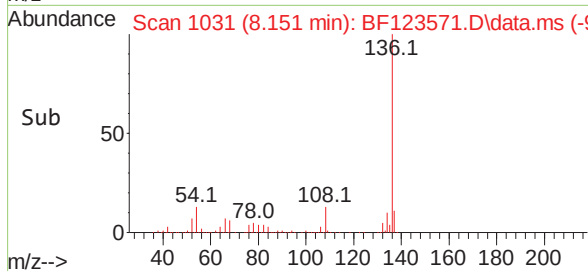
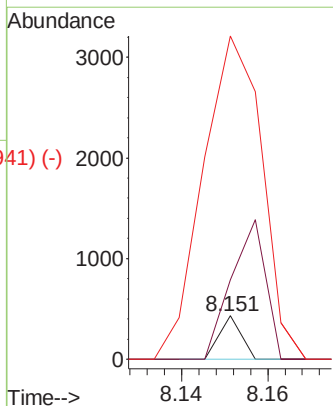
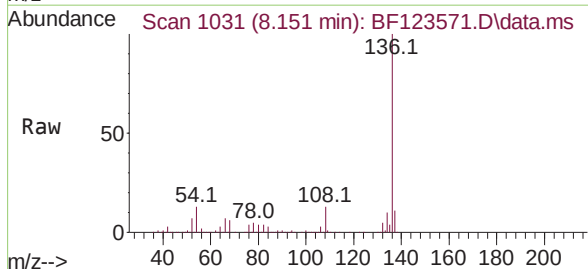


Abundance Scan 992 (7.922 min): BF123565.D\data.ms (-977) #32

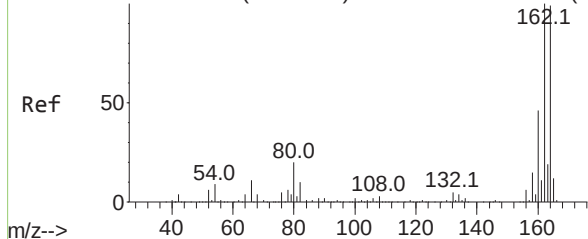


Benzoic acid
Concen: 4.56 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.229 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
105 181.3 107.8 147.8#
77 740.1 81.6 121.6#



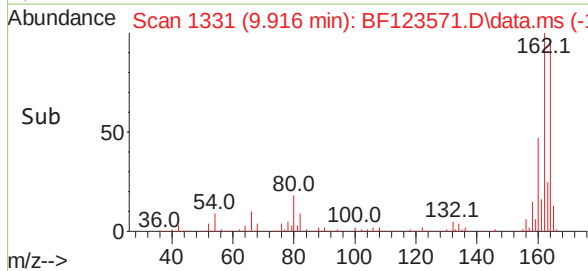
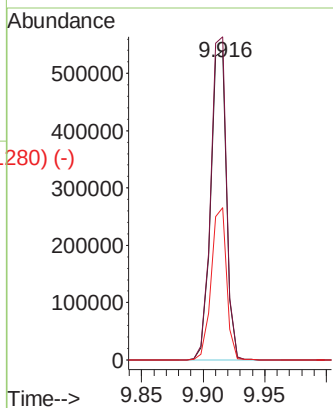
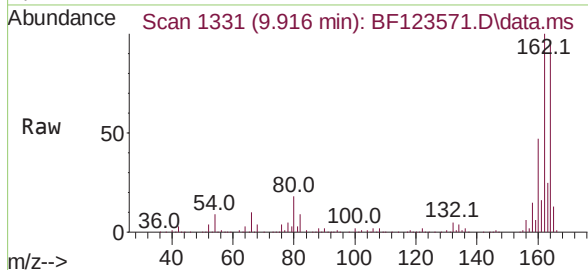
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-1329)



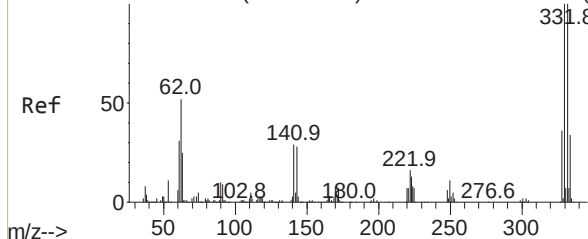
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	164	Resp:	488347
Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.7	121.1
160	49.3	37.3	55.9

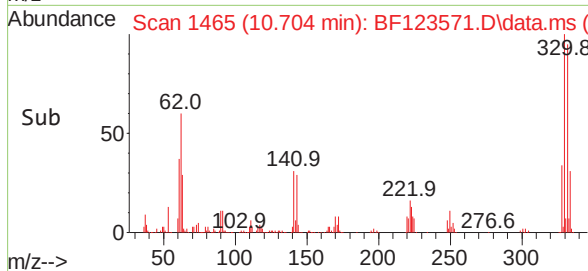
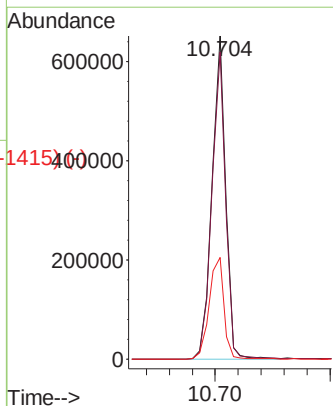
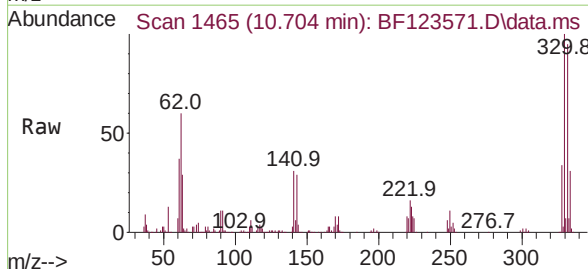


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1460) (-)

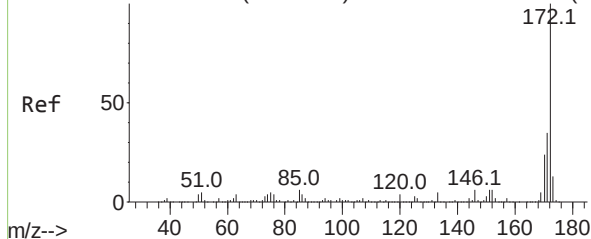


2,4,6-Tribromophenol
Concen: 97.99 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	330	Resp:	541889
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	34.2	27.9	41.9

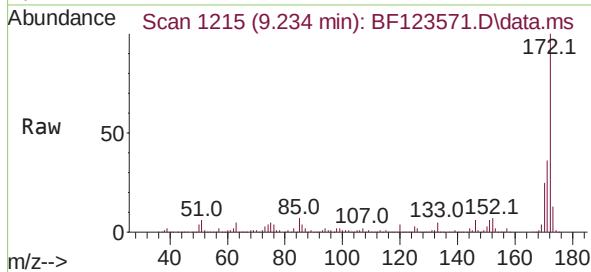


Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-12145)

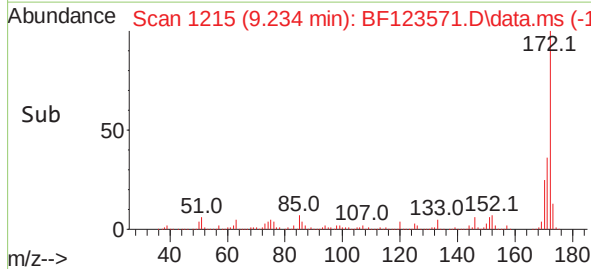
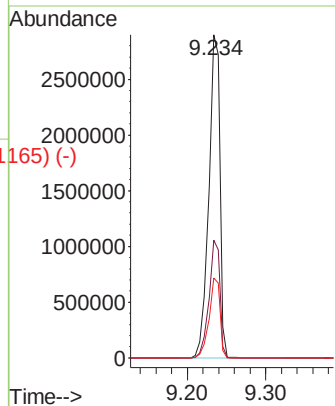


2-Fluorobiphenyl
Concen: 88.09 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

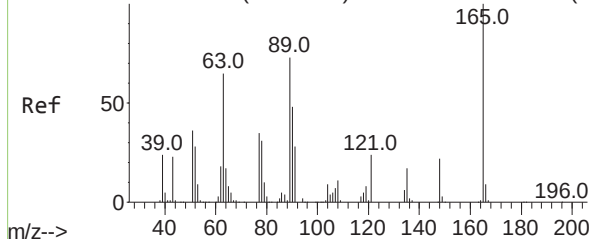
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ClientSampleId :
PB135703BL



Tgt Ion:	172	Resp:	2885749
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.1	42.1
170	24.6	19.2	28.8

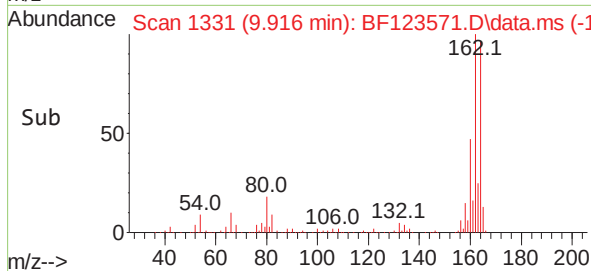
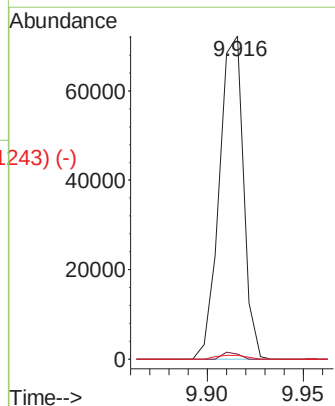
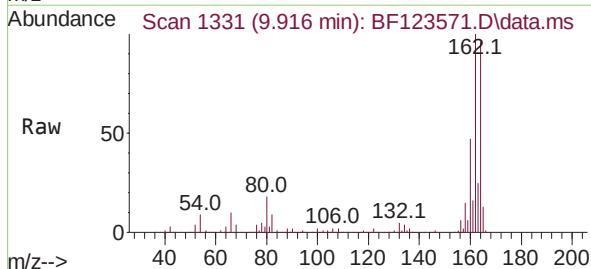


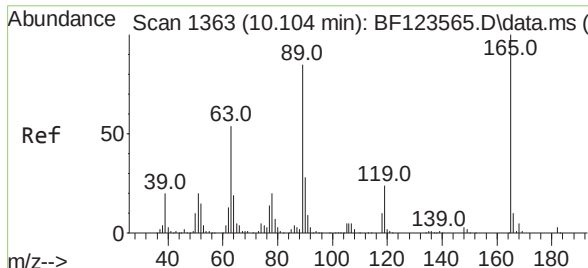
Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-12851)



2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	165	Resp:	63576
Ion	Ratio	Lower	Upper
165	100		
63	1.6	67.7	101.5#
89	1.2	58.8	88.2#

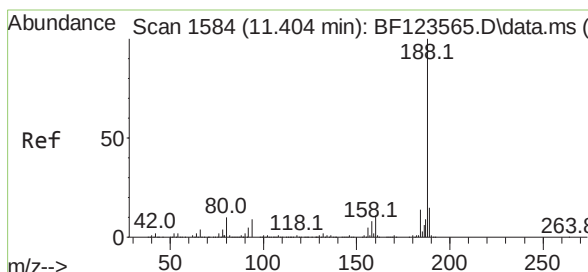
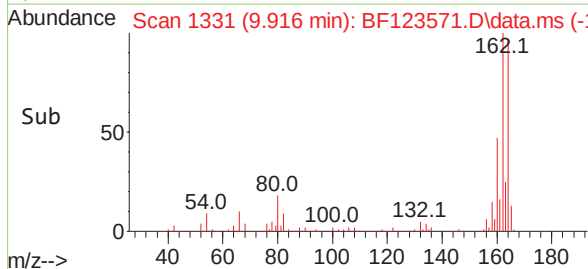
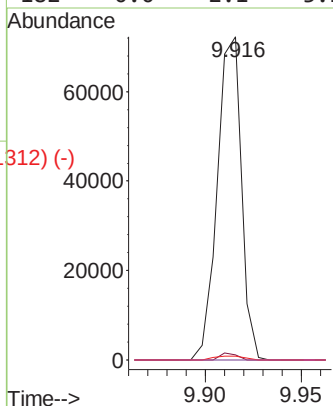
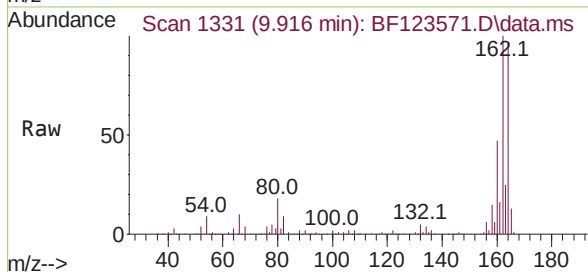




2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.916 min Scan# 1331
 Delta R.T. -0.188 min
 Lab File: BF123571.D
 Acq: 15 Apr 2021 17:01

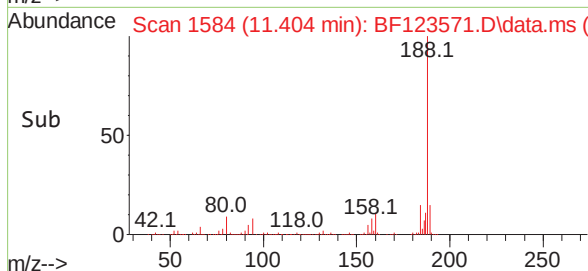
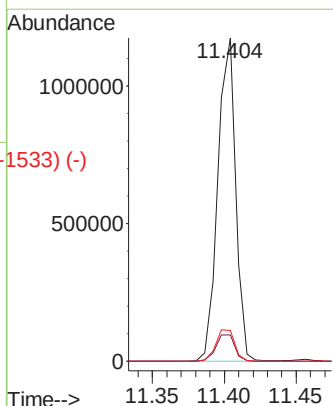
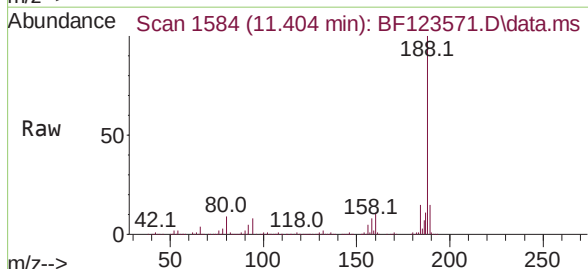
Instrument :
 BNA_F
 ClientSampleId :
 PB135703BL

Tgt Ion:	165	Resp:	63576
Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.5	65.3#
89	1.2	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: BF123571.D
 Acq: 15 Apr 2021 17:01

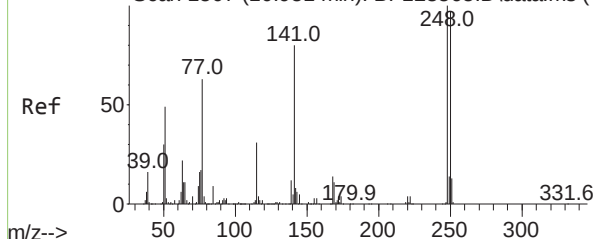
Tgt Ion:	188	Resp:	1001789
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.5	8.2	12.2



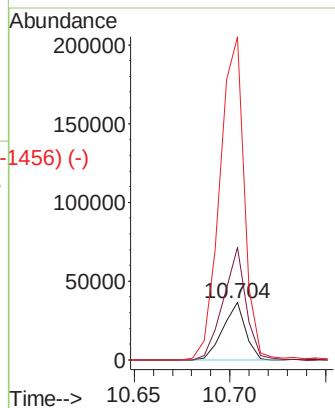
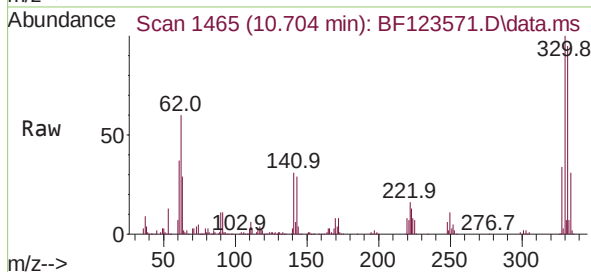
Abundance Scan 1507 (10.951 min): BF123565.D\data.ms (-1507) (-)

4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

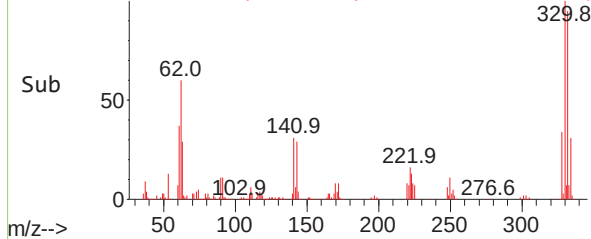
Instrument :
BNA_F
ClientSampleId :
PB135703BL



Tgt Ion:	248	Resp:	29881
Ion	Ratio	Lower	Upper
248	100		
250	196.6	77.4	116.2#
141	563.3	63.7	95.5#



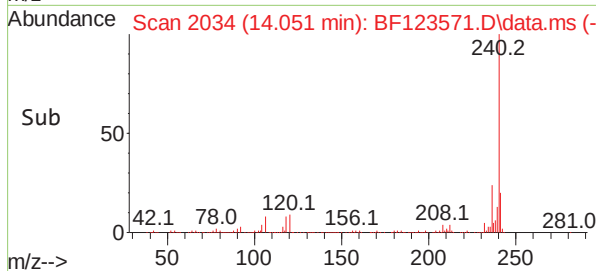
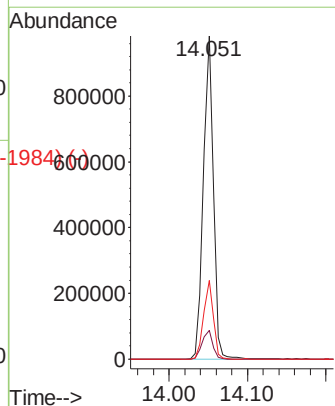
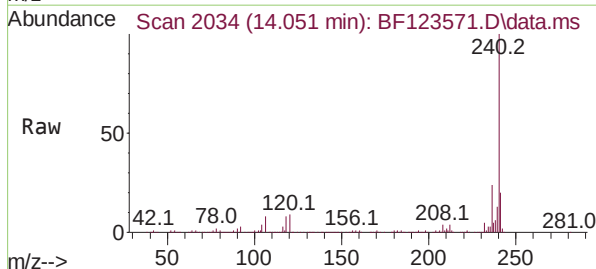
Abundance Scan 1465 (10.704 min): BF123571.D\data.ms (-1456) (-)



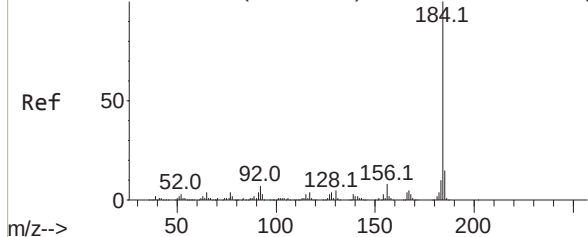
Abundance Scan 2035 (14.057 min): BF123565.D\data.ms (-2035) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	240	Resp:	860800
Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.2	10.8
236	24.4	19.0	28.4



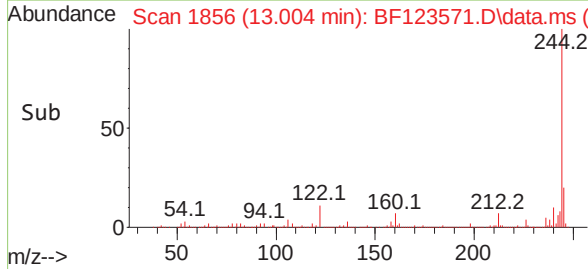
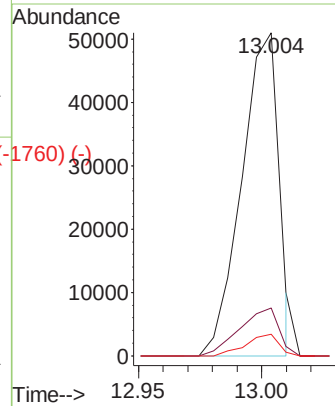
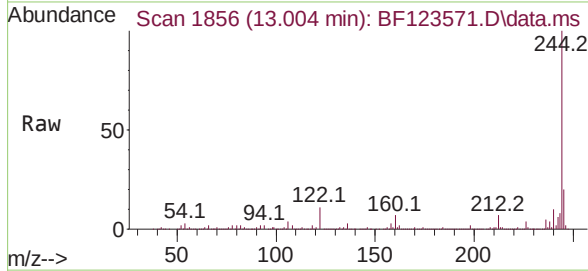
Abundance Scan 1811 (12.739 min): BF123565.D\data.ms (-1804) (-)



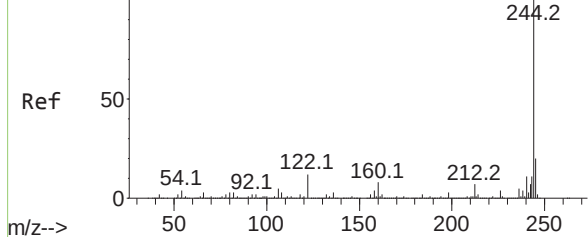
Benzidine
Concen: 2.29 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Instrument :
BNA_F
ClientSampleId :
PB135703BL

Tgt Ion:	184	Resp:	53476
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.1	18.1
183	6.8	7.8	11.8#

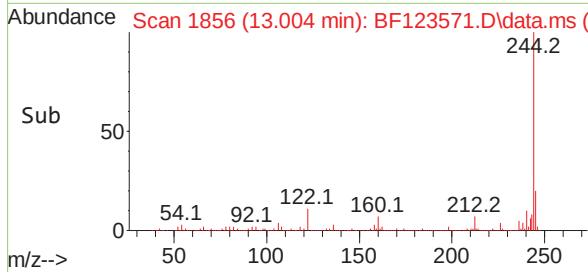
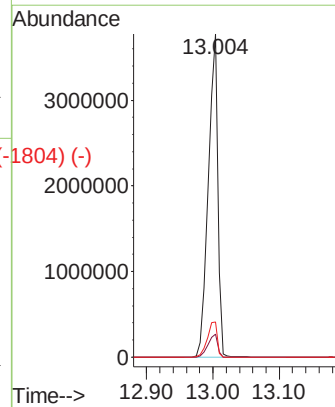
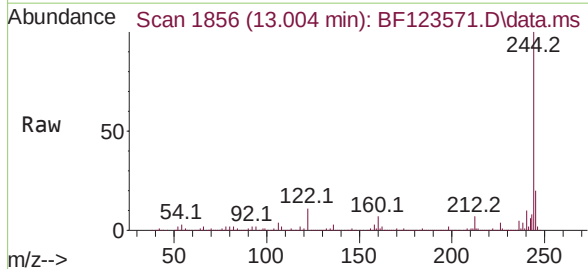


Abundance Scan 1855 (12.998 min): BF123565.D\data.ms (-1804) (-)

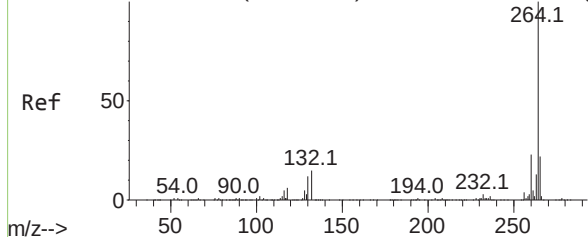


Terphenyl-d14
Concen: 86.27 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF123571.D
Acq: 15 Apr 2021 17:01

Tgt Ion:	244	Resp:	3820767
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.9	9.7	14.5



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: BF123571.D
Acq: 15 Apr 2021 17:01

Instrument :
BNA_F
ClientSampleId :
PB135703BL

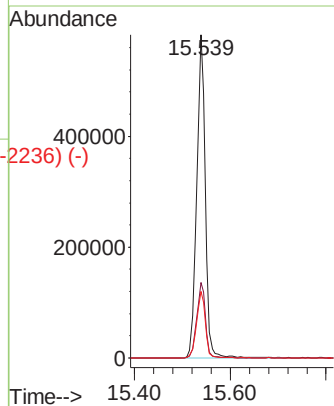
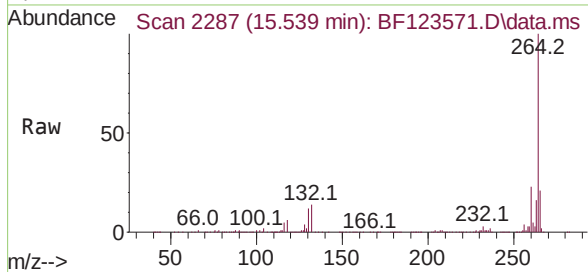
Tgt Ion:264 Resp: 730462

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 20.6 17.8 26.8



Abundance Scan 2287 (15.539 min): BF123571.D\data.ms (-2236) (-)

