

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123639.D
 Acq On : 20 Apr 2021 12:51
 Operator : JU/CG
 Sample : PB135837BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135837BL

Quant Time: Apr 20 15:53:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

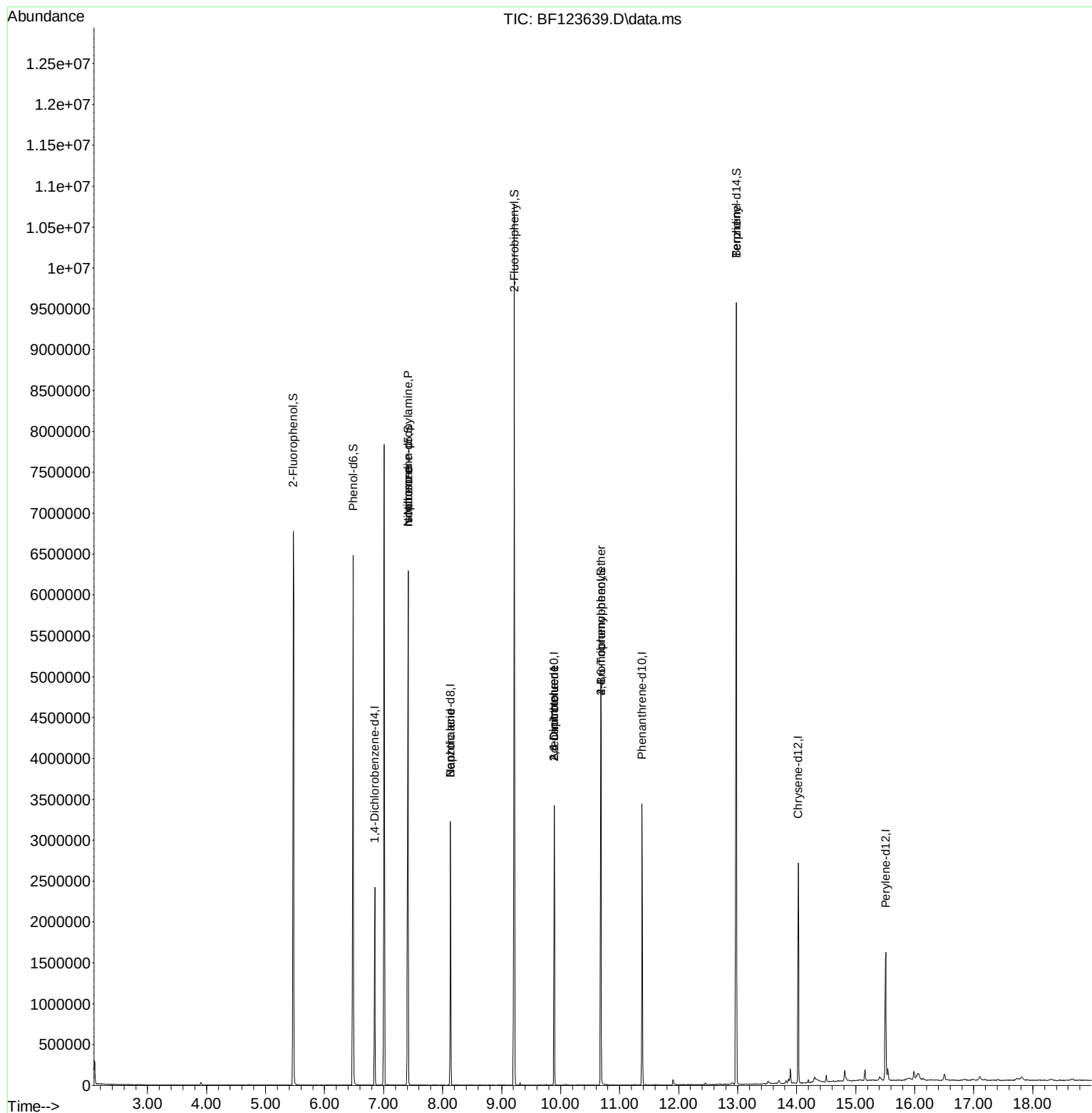
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	313716	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	1183667	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	579932	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	1116232	20.00	ng	0.00
76) Chrysene-d12	14.027	240	871933	20.00	ng	0.00
86) Perylene-d12	15.510	264	729749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1556147	80.17	ng	0.00
7) Phenol-d6	6.487	99	2017994	75.03	ng	0.00
23) Nitrobenzene-d5	7.416	82	2016829	78.33	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	568714	86.60	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	3040054	78.14	ng	0.00
79) Terphenyl-d14	12.980	244	3676024	81.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	280602	15.75	ng	# 73
25) Isophorone	7.416	82	2016791	40.37	ng	# 69
32) Benzoic acid	8.134	122	684	4.60	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	75883	8.63	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	75883	6.46	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	31984	2.74	ng	# 1
77) Benzidine	12.980	184	51690	2.18	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	2478	Below Cal		# 66
92) Benzo(g,h,i)perylene	17.415	276	9006	Below Cal		# 87

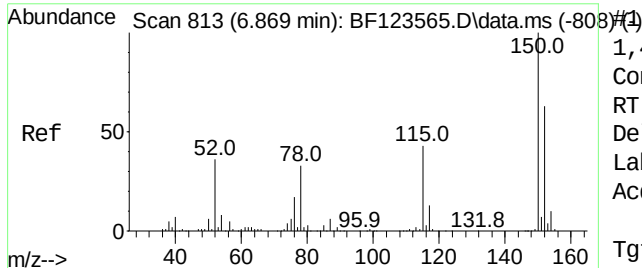
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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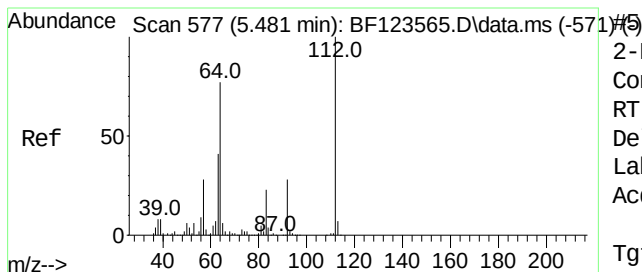
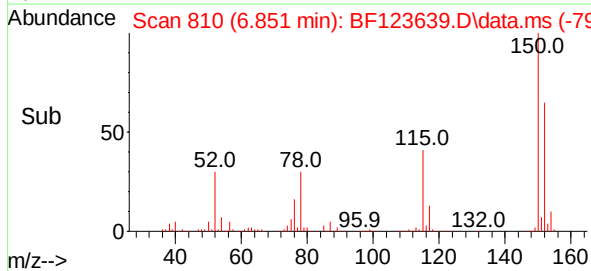
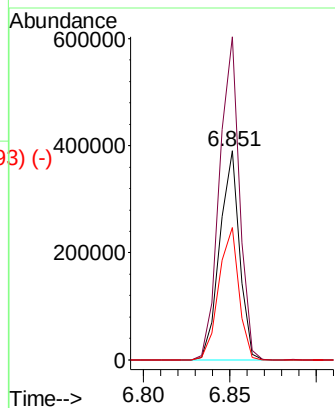
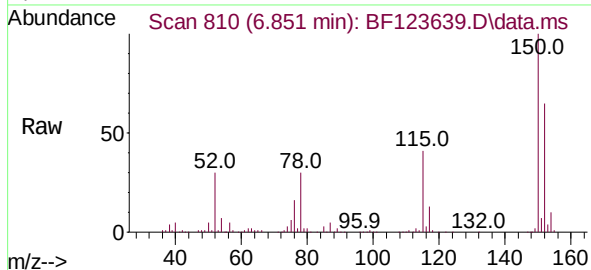




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

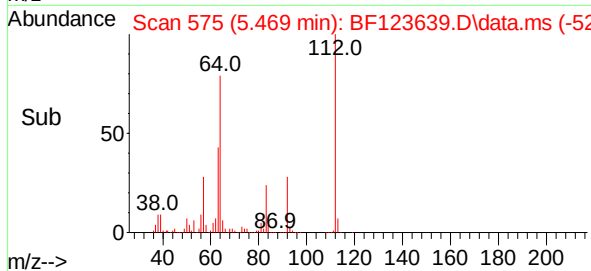
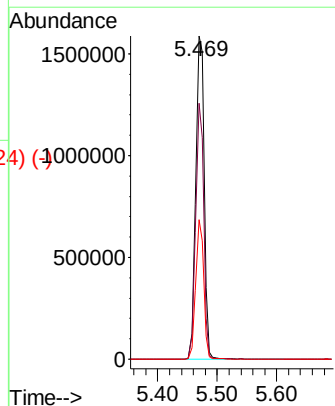
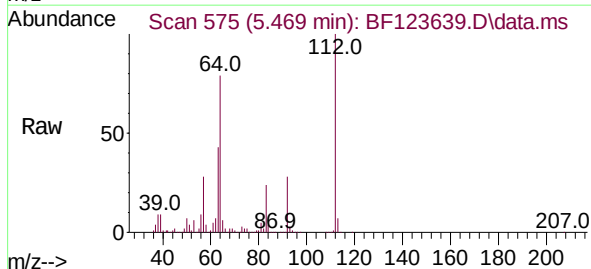
Instrument :
BNA_F
ClientSampleId :
PB135837BL

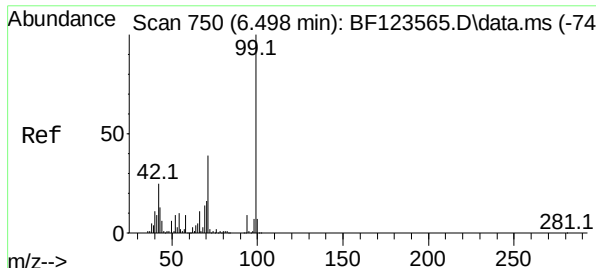
Tgt Ion:	152	Resp:	313716
Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.0	190.6
115	63.2	54.3	81.5



2-Fluorophenol
Concen: 80.17 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Tgt Ion:	112	Resp:	1556147
Ion	Ratio	Lower	Upper
112	100		
64	79.2	61.4	92.0
63	43.2	33.0	49.4



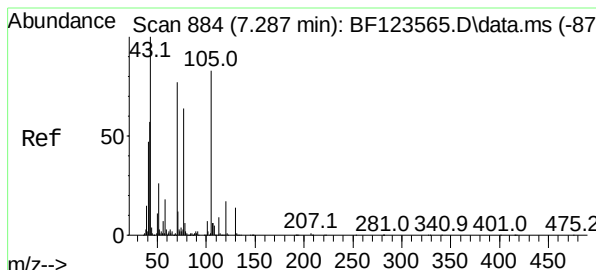
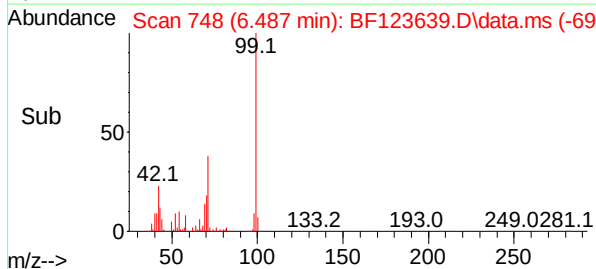
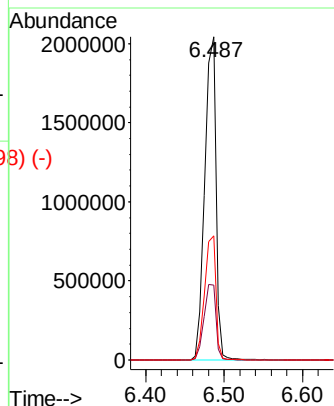
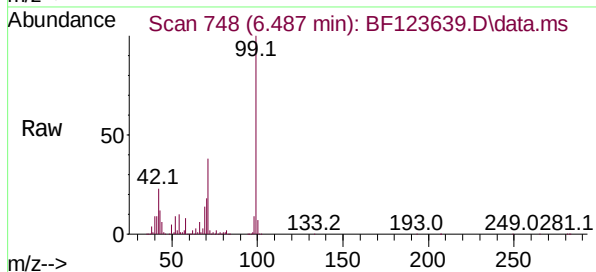


Phenol-d6
 Concen: 75.03 ng
 RT: 6.487 min Scan# 748
 Delta R.T. -0.006 min
 Lab File: BF123639.D
 Acq: 20 Apr 2021 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB135837BL

Tgt Ion: 99 Resp: 2017994

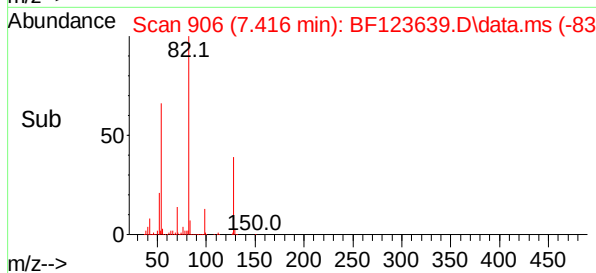
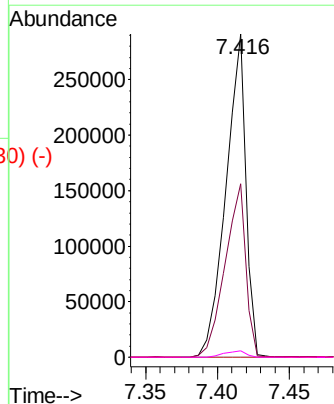
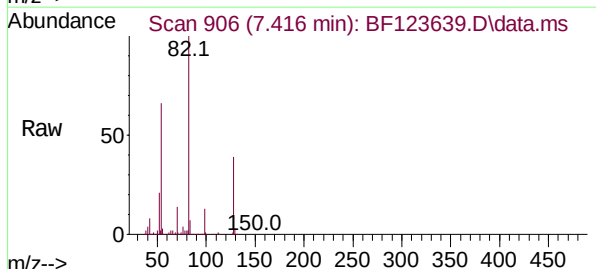
Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.8	29.8
71	38.5	31.1	46.7



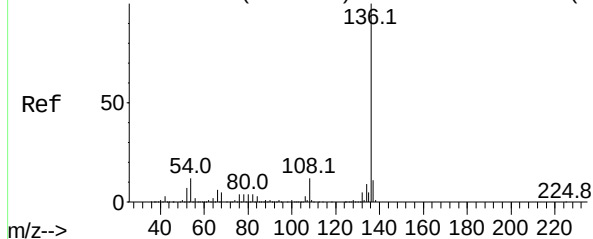
n-Nitroso-di-n-propylamine
 Concen: 15.75 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.147 min
 Lab File: BF123639.D
 Acq: 20 Apr 2021 12:51

Tgt Ion: 70 Resp: 280602

Ion	Ratio	Lower	Upper
70	100		
42	53.6	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#



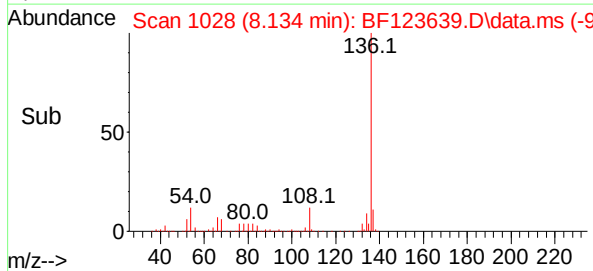
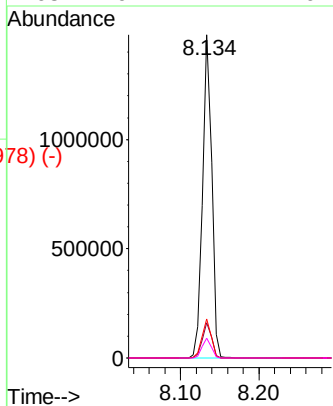
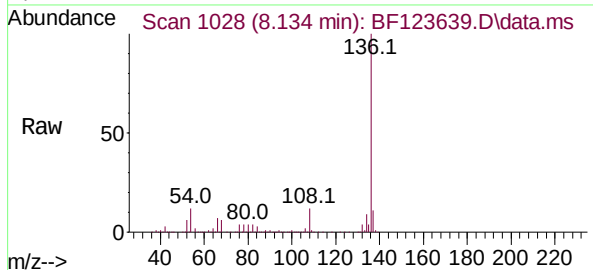
Abundance Scan 1032 (8.157 min): BF123565.D\data.ms (-1021)



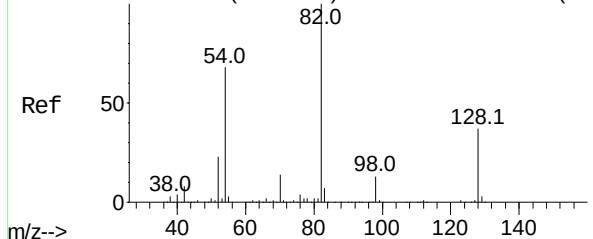
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	1183667
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.0	9.8	14.6
68	6.1	4.1	6.1#

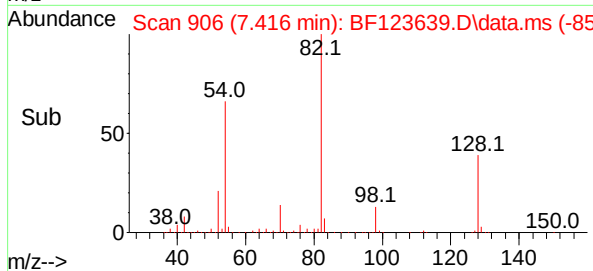
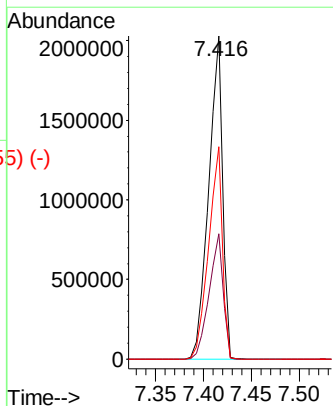
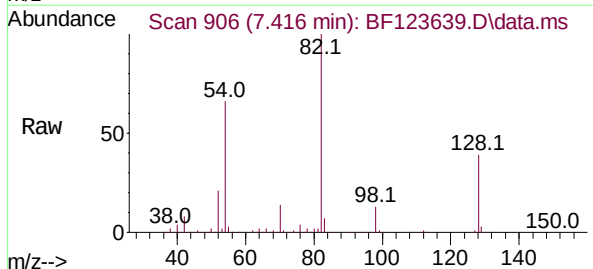


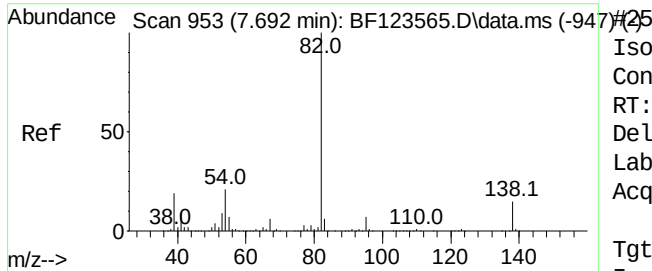
Abundance Scan 909 (7.434 min): BF123565.D\data.ms (-904) (-)



Nitrobenzene-d5
Concen: 78.33 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Tgt Ion:	82	Resp:	2016829
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	65.7	54.1	81.1

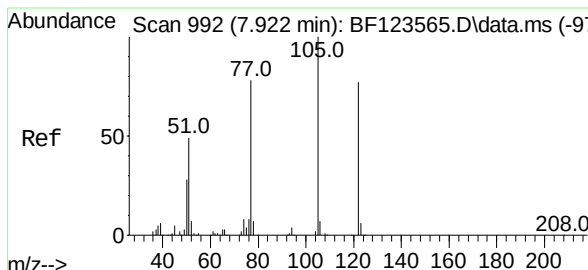
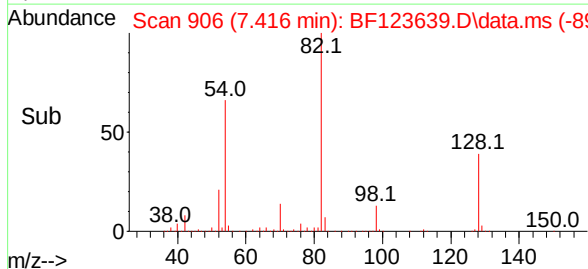
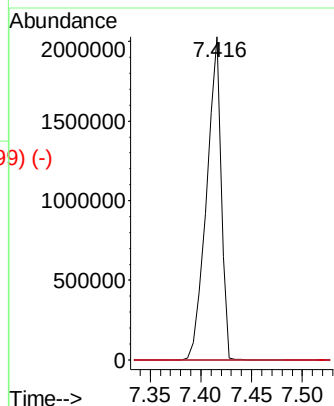
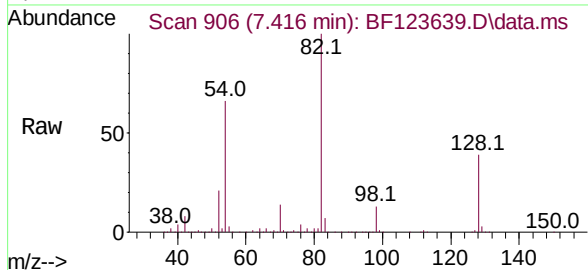




Isophorone
Concen: 40.37 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

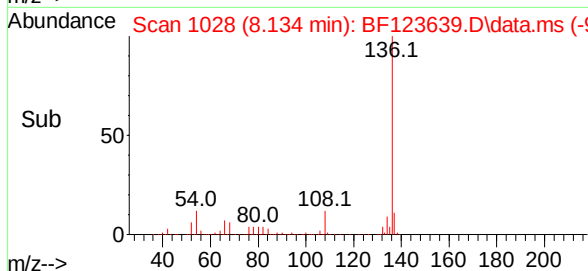
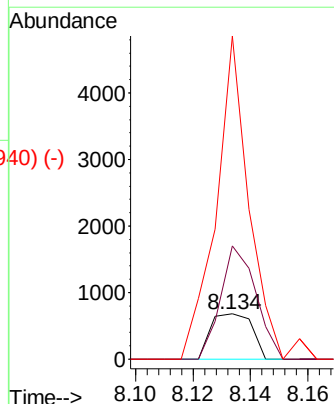
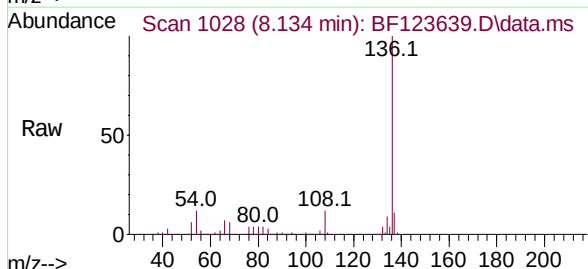
Instrument :
BNA_F
ClientSampleId :
PB135837BL

Tgt Ion:	82	Resp:	2016791
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

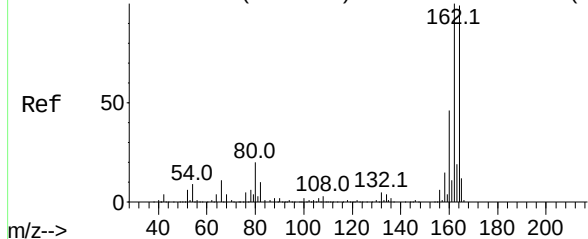


Benzoic acid
Concen: 4.60 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.218 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Tgt Ion:	122	Resp:	684
Ion	Ratio	Lower	Upper
122	100		
105	248.3	107.8	147.8#
77	708.9	81.6	121.6#



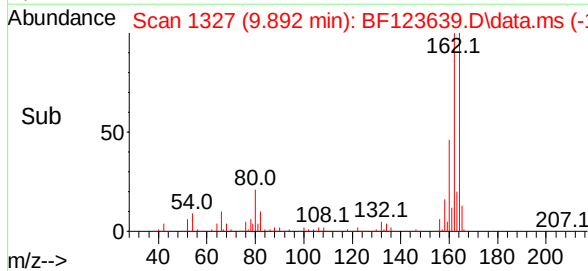
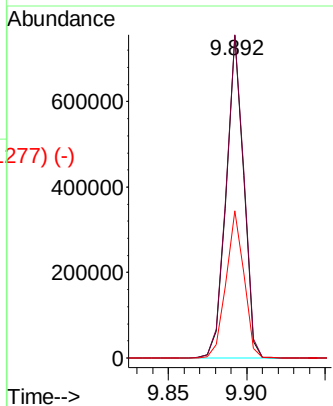
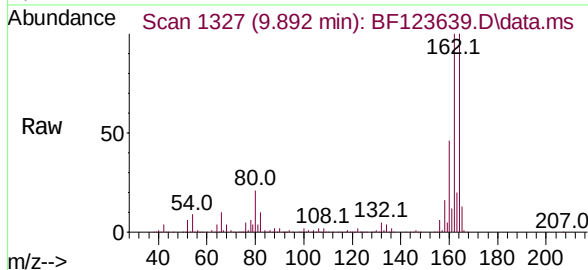
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-13259)



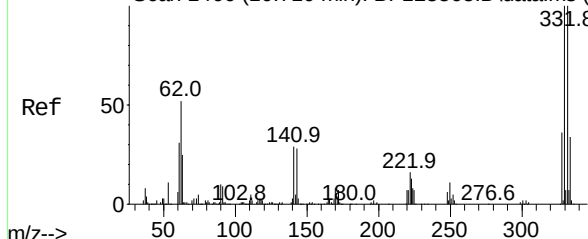
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Instrument :
BNA_F
ClientSampleId :
PB135837BL

Tgt Ion:164 Resp: 579932
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.7 37.3 55.9

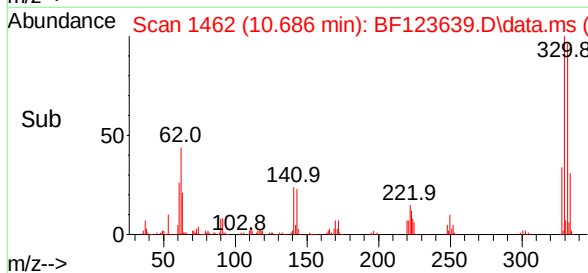
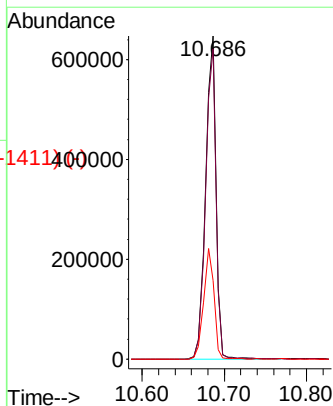
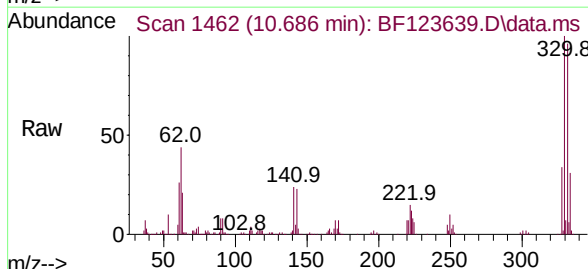


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-14609)

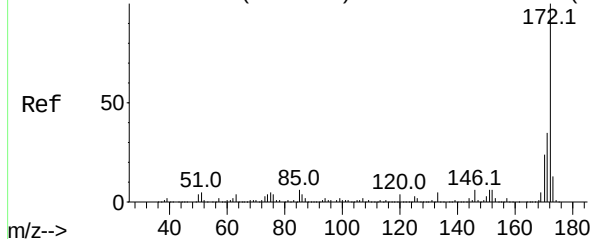


2,4,6-Tribromophenol
Concen: 86.60 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Tgt Ion:330 Resp: 568714
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 34.1 27.9 41.9

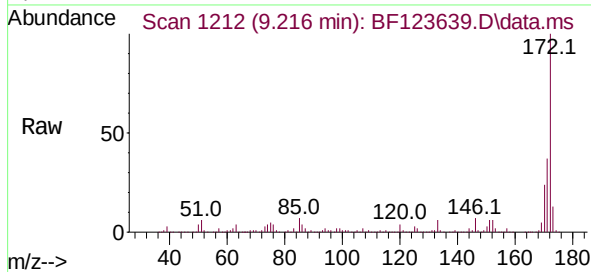


Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-1216)

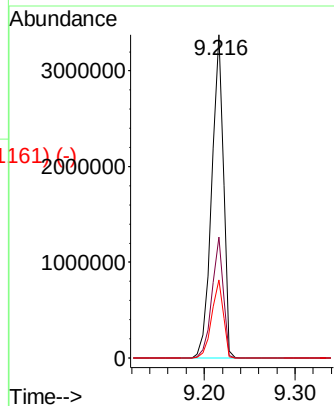
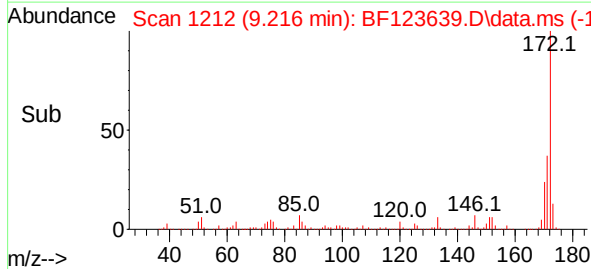


2-Fluorobiphenyl
Concen: 78.14 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

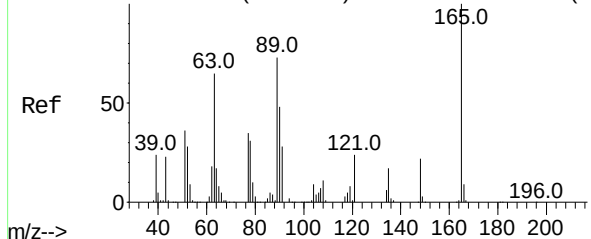
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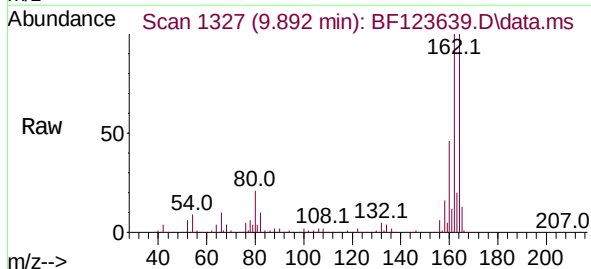
Tgt Ion:	172	Resp:	3040054
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.1	42.1
170	24.1	19.2	28.8



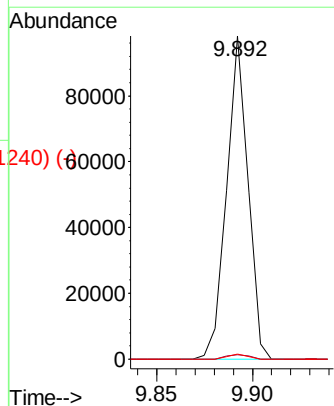
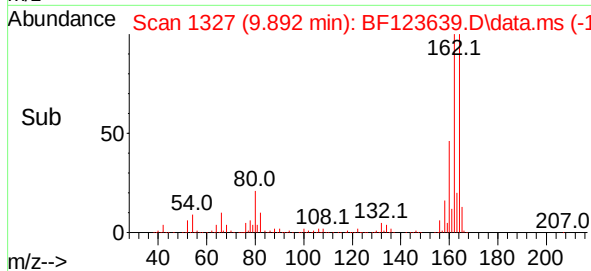
Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-1294)



2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51



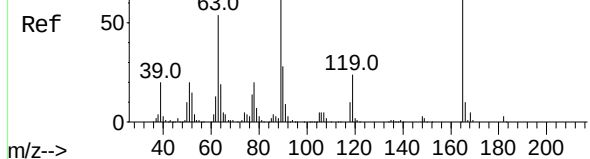
Tgt Ion:	165	Resp:	75883
Ion	Ratio	Lower	Upper
165	100		
63	1.3	67.7	101.5#
89	1.6	58.8	88.2#



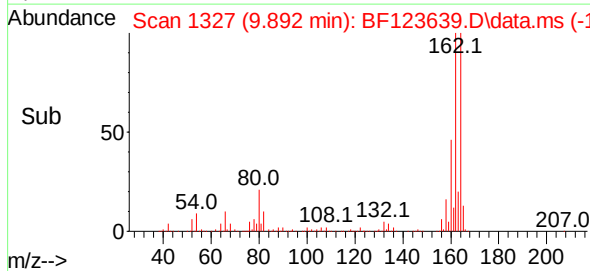
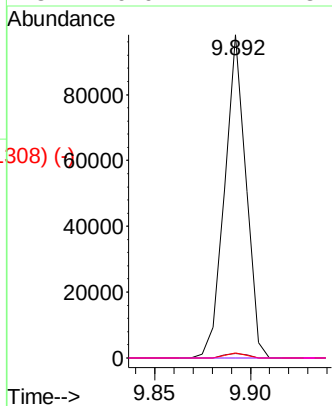
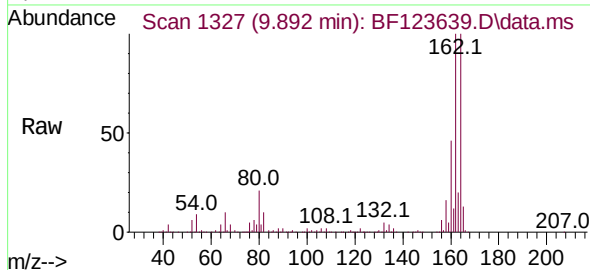
Abundance Scan 1363 (10.104 min): BF123565.D\data.ms (-1356) (-)

2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123639.D
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Instrument :
BNA_F
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PB135837BL

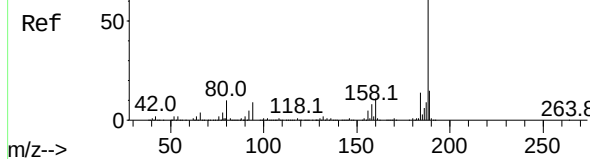


Tgt Ion:	165	Resp:	75883
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.5	65.3#
89	1.6	67.7	101.5#
182	0.0	2.1	3.1#

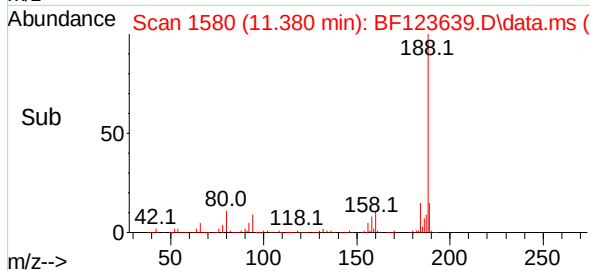
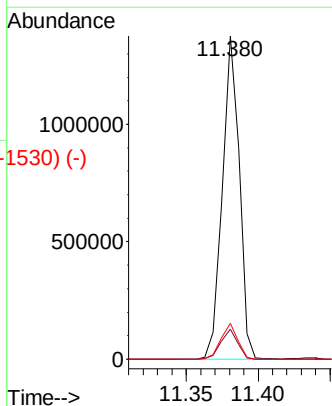
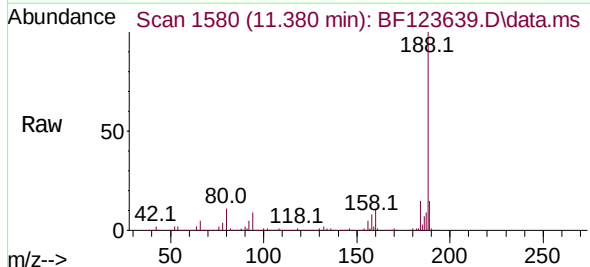


Abundance Scan 1584 (11.404 min): BF123565.D\data.ms (-1574) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51



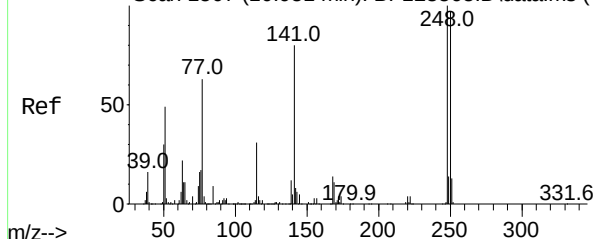
Tgt Ion:	188	Resp:	1116232
Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	11.0	8.2	12.2



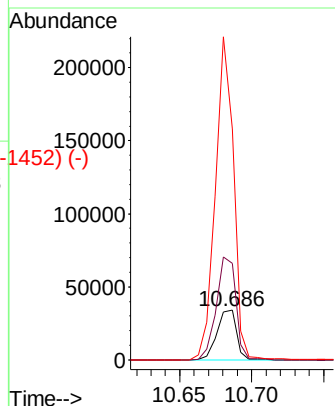
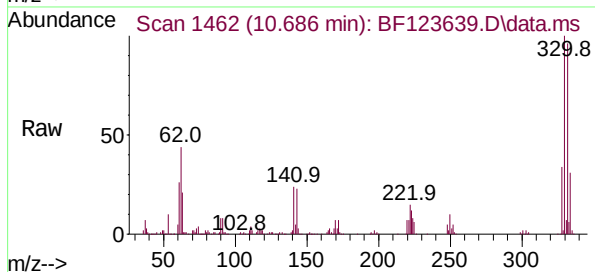
Abundance Scan 1507 (10.951 min): BF123565.D\data.ms (-1507) (-)

4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

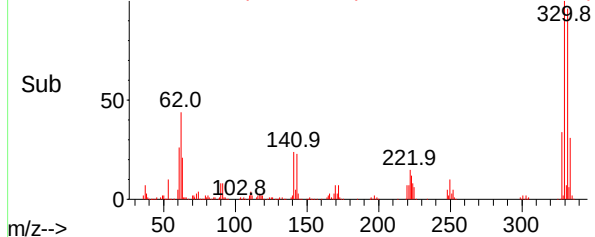
Instrument :
BNA_F
ClientSampleId :
PB135837BL



Tgt Ion:	248	Resp:	31984
Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.4	116.2#
141	464.8	63.7	95.5#



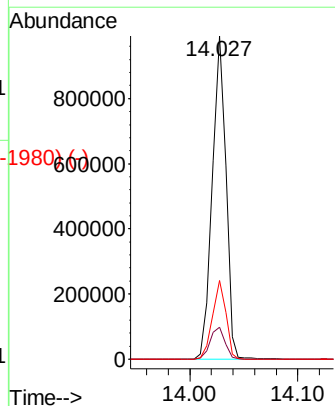
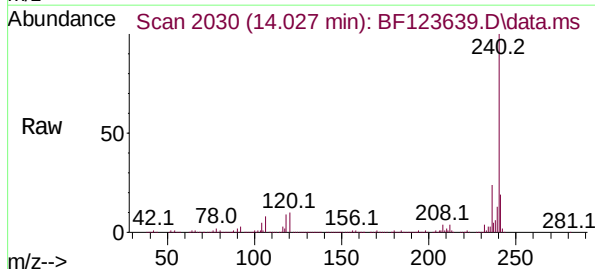
Abundance Scan 1462 (10.686 min): BF123639.D\data.ms (-1452) (-)



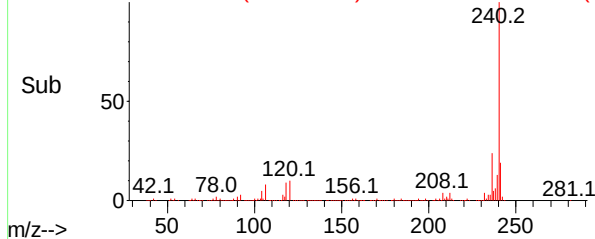
Abundance Scan 2035 (14.057 min): BF123565.D\data.ms (-2029) (-)

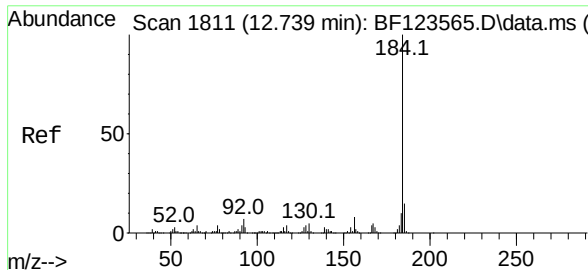
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Tgt Ion:	240	Resp:	871933
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.2	10.8
236	24.4	19.0	28.4



Abundance Scan 2030 (14.027 min): BF123639.D\data.ms (-1980) (-)

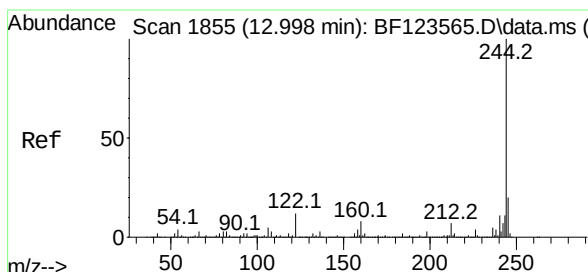
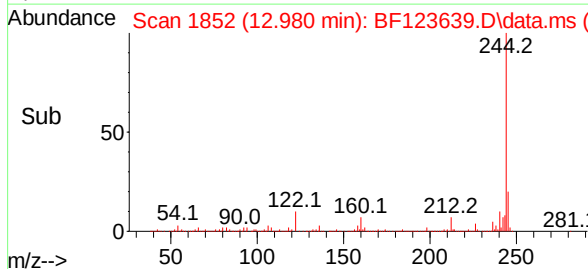
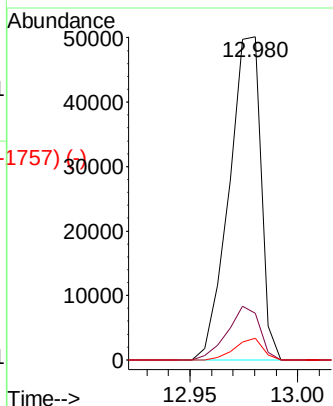
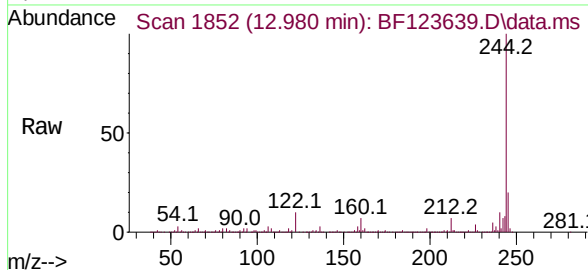




Benzidine
 Concen: 2.18 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.259 min
 Lab File: BF123639.D
 Acq: 20 Apr 2021 12:51

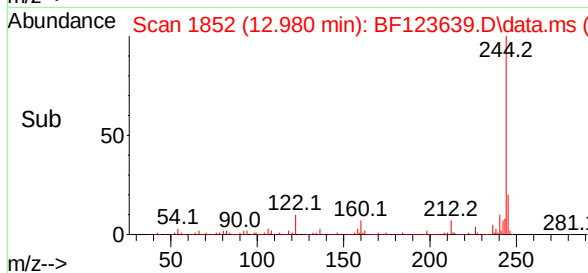
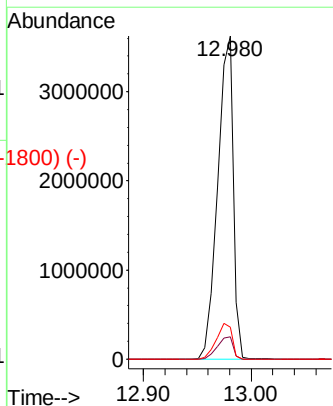
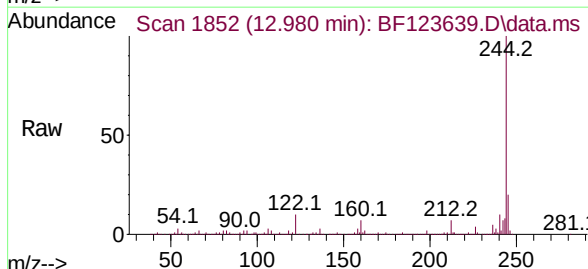
Instrument :
 BNA_F
 ClientSampleId :
 PB135837BL

Tgt Ion:	184	Resp:	51690
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.1	18.1
183	6.7	7.8	11.8#

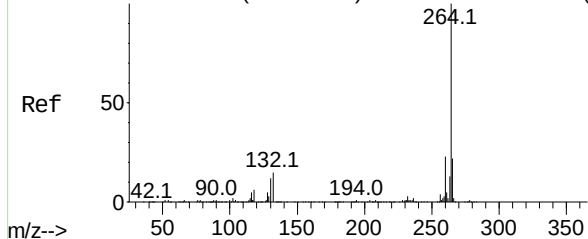


Terphenyl-d14
 Concen: 81.94 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF123639.D
 Acq: 20 Apr 2021 12:51

Tgt Ion:	244	Resp:	3676024
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.9	9.7	14.5



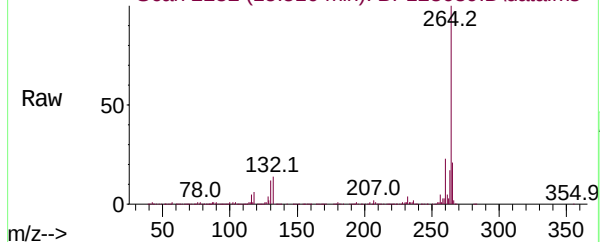
Abundance Scan 2287 (15.539 min): BF123565.D\data.ms (-2230) (-)



Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123639.D
Acq: 20 Apr 2021 12:51

Instrument :
BNA_F
ClientSampleId :
PB135837BL

Abundance Scan 2282 (15.510 min): BF123639.D\data.ms



Tgt Ion:	264	Resp:	729749
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.4	17.8	26.8

Abundance Scan 2282 (15.510 min): BF123639.D\data.ms (-2230) (-)

