

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123643.D
 Acq On : 20 Apr 2021 15:11
 Operator : JU/CG
 Sample : M2050-09DL 4X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4DL

Quant Time: Apr 20 16:56:35 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)

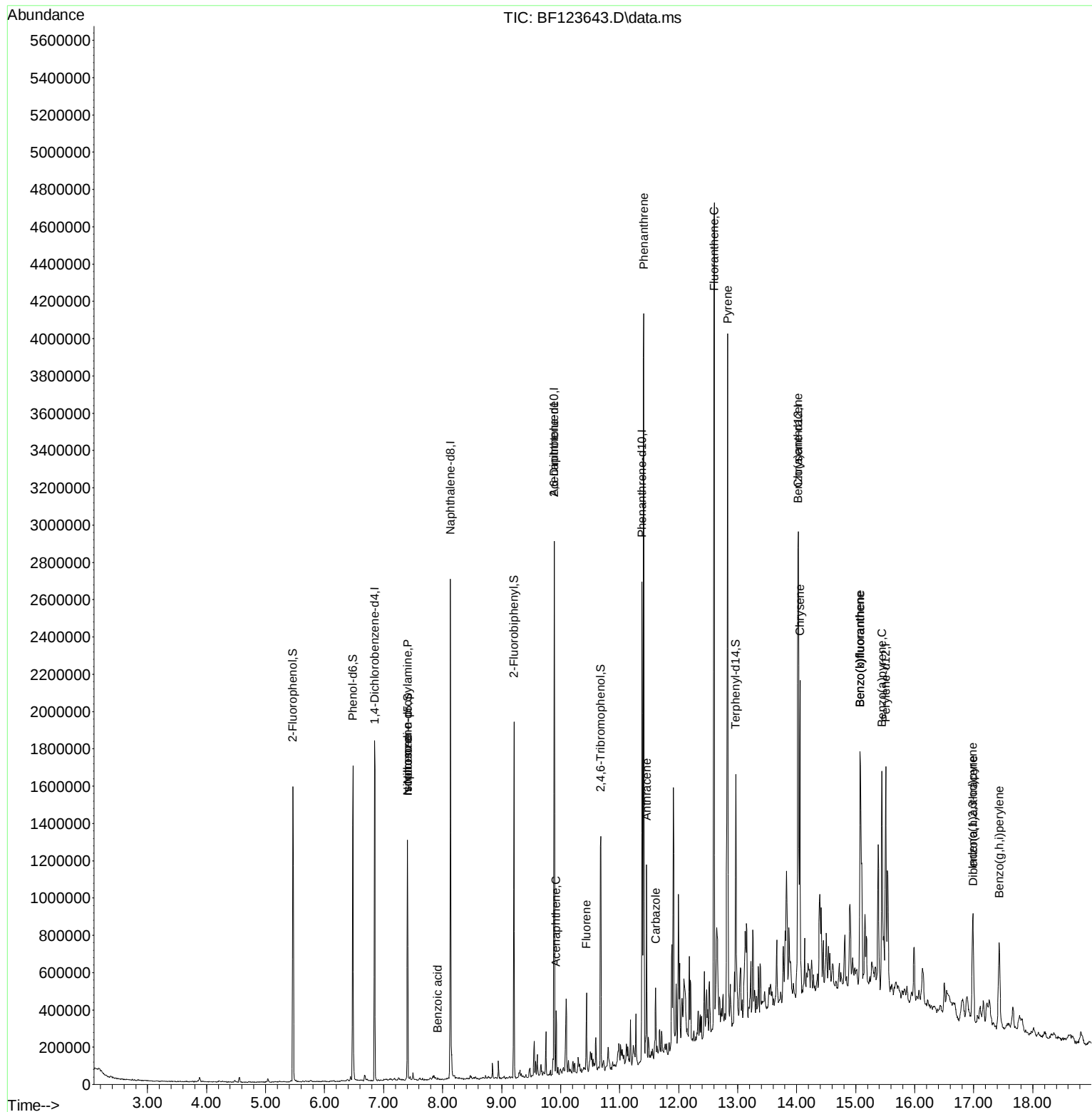
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	249081	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	944339	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	473163	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	887778	20.00	ng	0.00
76) Chrysene-d12	14.027	240	554599	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	533701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	342258	22.21	ng	0.00
7) Phenol-d6	6.481	99	465643	21.80	ng	-0.01
23) Nitrobenzene-d5	7.404	82	328877	16.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	117434	21.92	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	470113	14.81	ng	0.00
79) Terphenyl-d14	12.968	244	375888	13.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	44852	3.17	ng	# 79
25) Isophorone	7.404	82	328642	8.25	ng	# 69
32) Benzoic acid	7.916	122	1855	4.73	ng	# 38
51) 2,6-Dinitrotoluene	9.892	165	63792	8.89	ng	# 12
52) Acenaphthene	9.922	154	62542	2.14	ng	96
58) Fluorene	10.439	166	96604	2.93	ng	99
71) Phenanthrene	11.410	178	1447579	31.24	ng	100
72) Anthracene	11.457	178	343346	7.41	ng	99
73) Carbazole	11.610	167	126324	2.73	ng	99
75) Fluoranthene	12.604	202	1868243	36.69	ng	98
78) Pyrene	12.833	202	1680399	41.52	ng	99
81) Benzo(a)anthracene	14.021	228	691668	20.35	ng	99
83) Chrysene	14.057	228	629978	18.46	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	403219	14.16	ng	98
88) Benzo(b)fluoranthene	15.074	252	975557	25.89	ng	# 97
89) Benzo(k)fluoranthene	15.074	252	975557	28.32	ng	# 98
90) Benzo(a)pyrene	15.445	252	546987	18.25	ng	97
91) Dibenzo(a,h)anthracene	16.992	278	100447	4.17	ng	# 95
92) Benzo(g,h,i)perylene	17.433	276	379645	19.00	ng	97

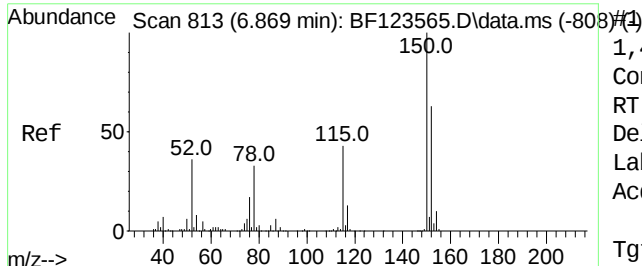
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123643.D
Acq On : 20 Apr 2021 15:11
Operator : JU/CG
Sample : M2050-09DL 4X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4DL

Quant Time: Apr 20 16:56:35 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

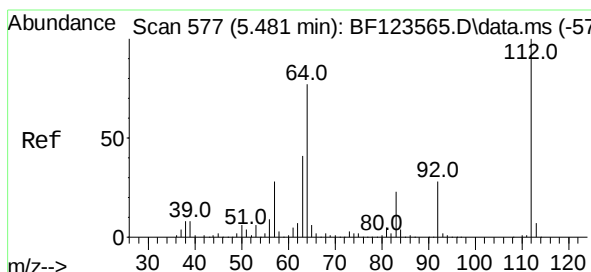
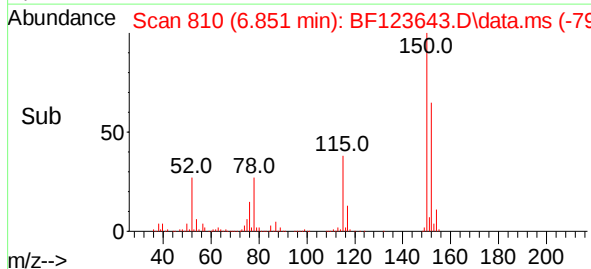
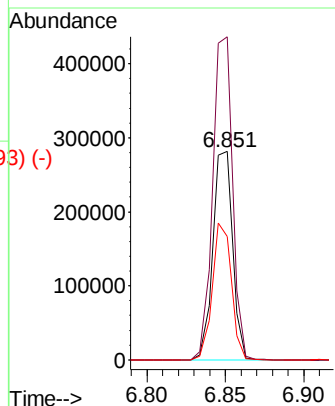
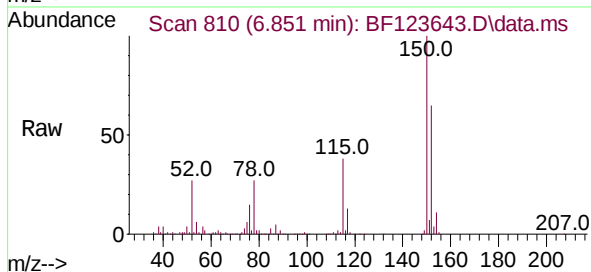




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

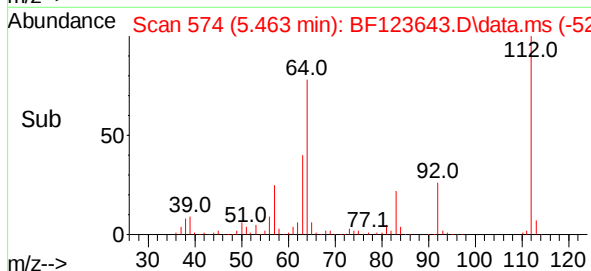
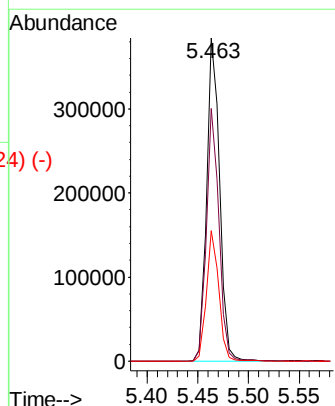
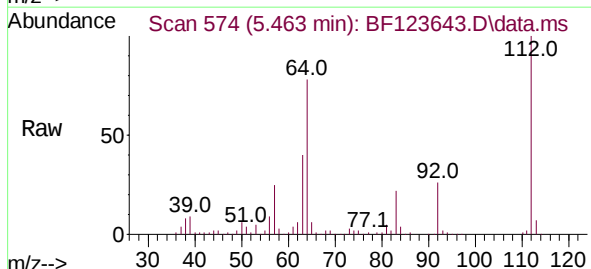
Instrument :
 BNA_F
 ClientSampleId :
 TP-4DL

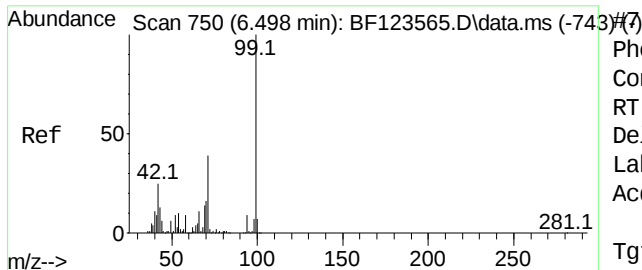
Tgt Ion:	152	Resp:	249081
Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.6
115	59.2	54.3	81.5



2-Fluorophenol
 Concen: 22.21 ng
 RT: 5.463 min Scan# 574
 Delta R.T. -0.006 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

Tgt Ion:	112	Resp:	342258
Ion	Ratio	Lower	Upper
112	100		
64	78.2	61.4	92.0
63	40.4	33.0	49.4

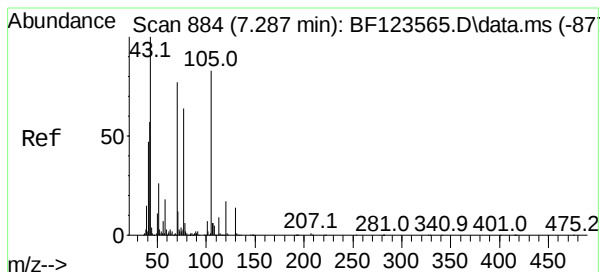
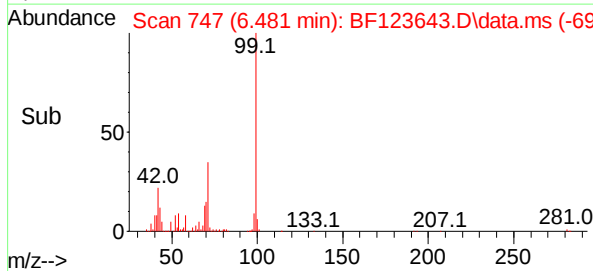
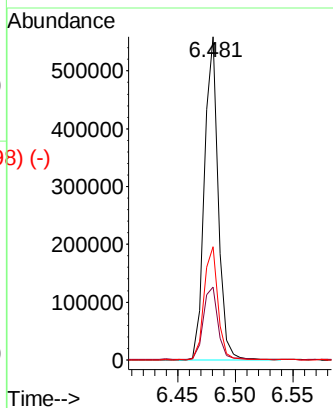
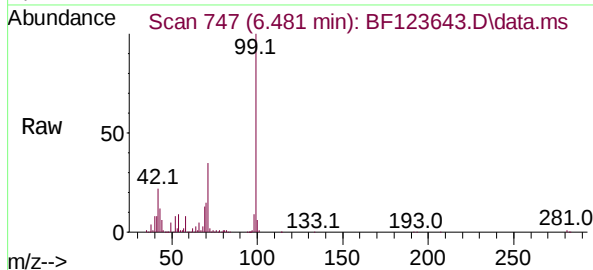




Phenol-d6
Concen: 21.80 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

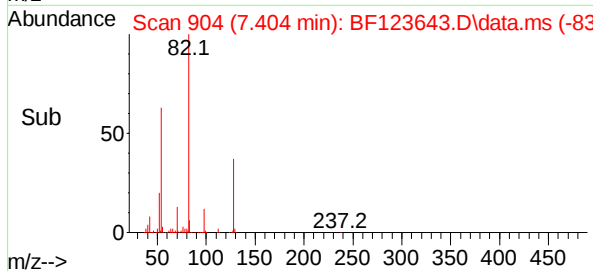
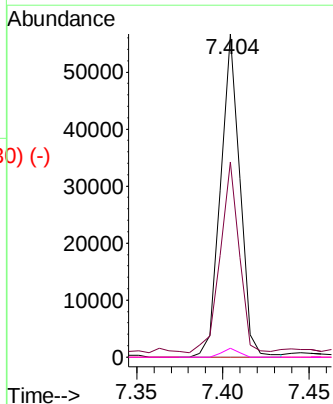
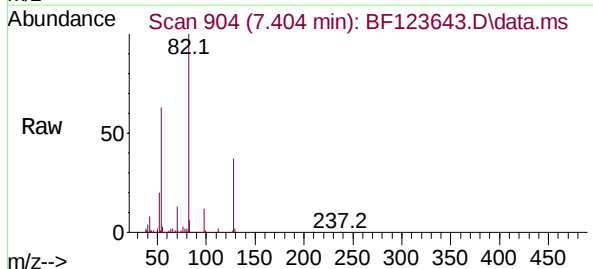
Instrument :
BNA_F
ClientSampleId :
TP-4DL

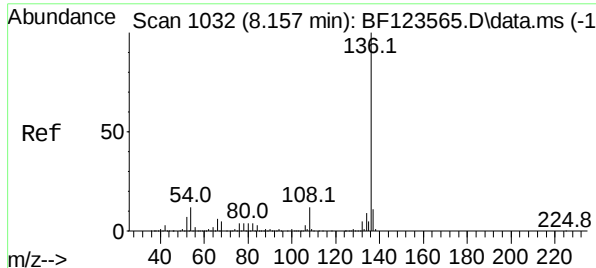
Tgt Ion:	99	Resp:	465643
Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.8	29.8
71	35.0	31.1	46.7



n-Nitroso-di-n-propylamine
Concen: 3.17 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	70	Resp:	44852
Ion	Ratio	Lower	Upper
70	100		
42	60.4	60.1	90.1
101	0.0	7.4	11.2#
130	2.7	14.2	21.2#

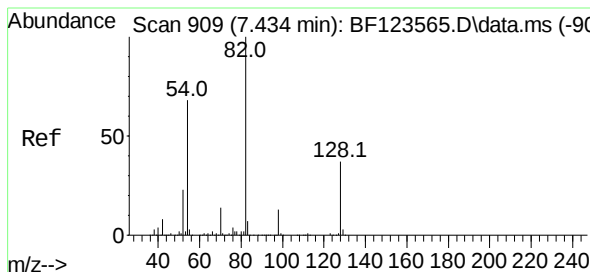
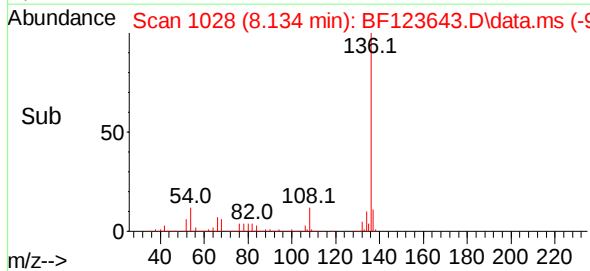
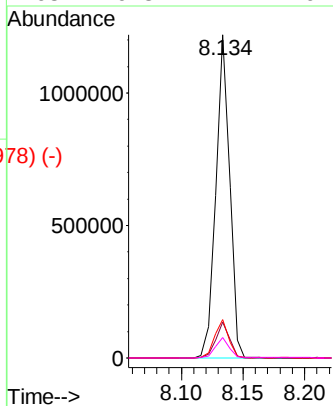
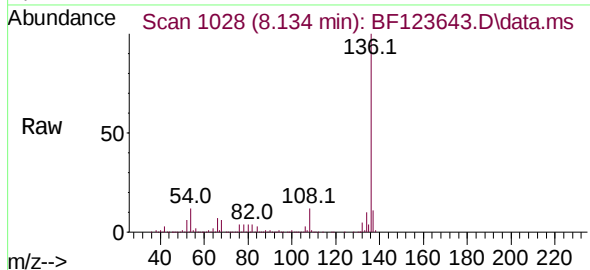




Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

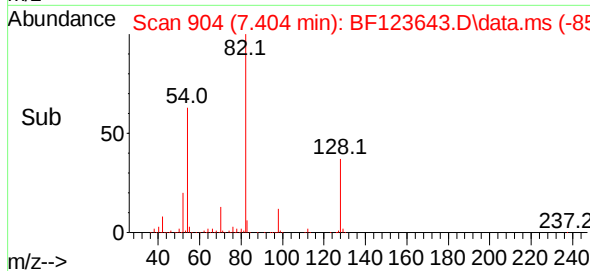
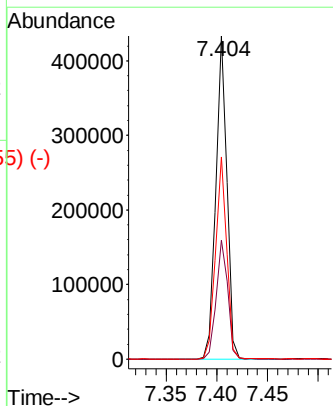
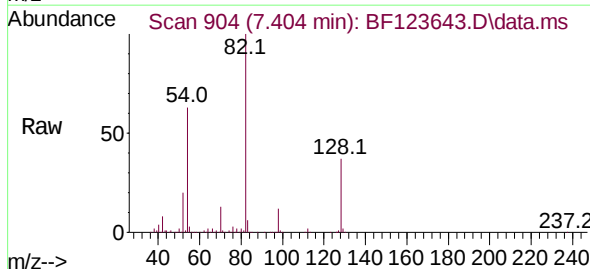
Instrument :
BNA_F
ClientSampleID :
TP-4DL

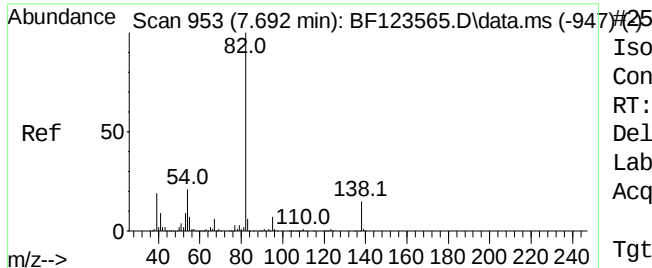
Tgt Ion:	136	Resp:	944339
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.8	9.8	14.6
68	6.3	4.1	6.1#



Nitrobenzene-d5
Concen: 16.01 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

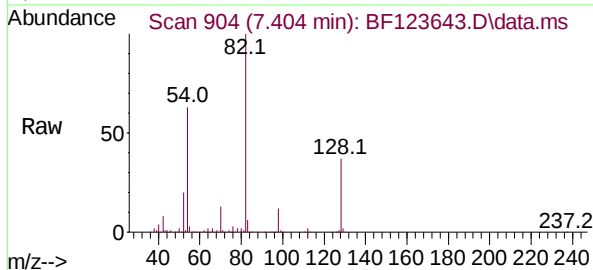
Tgt Ion:	82	Resp:	328877
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.4	44.2
54	62.5	54.1	81.1



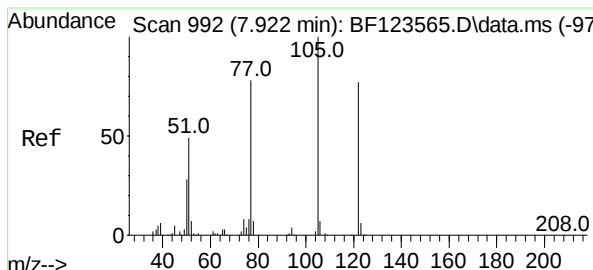
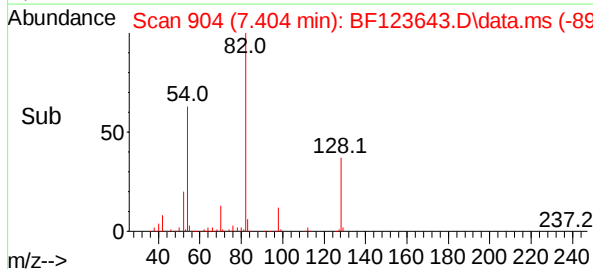
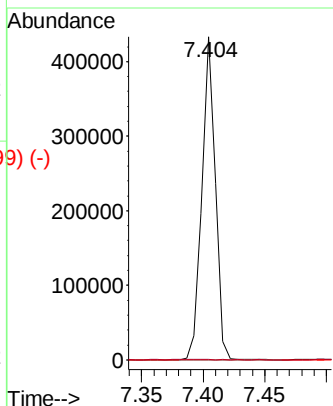


Isophorone
Concen: 8.25 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleId :
TP-4DL

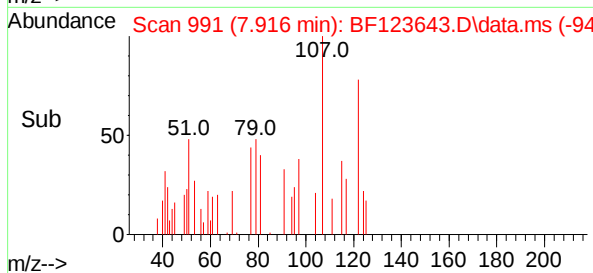
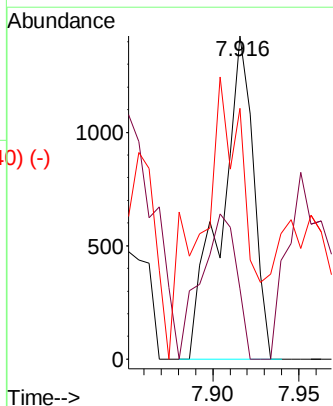
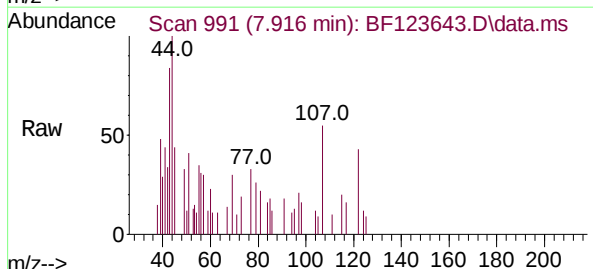


Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

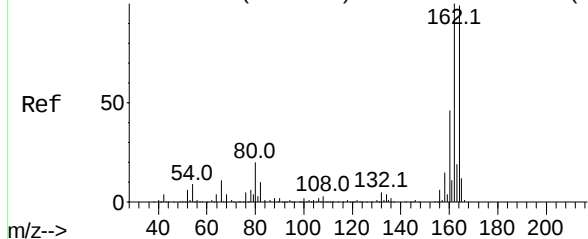


Benzoic acid
Concen: 4.73 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	21.7	107.8	147.8#
77	77.5	81.6	121.6#



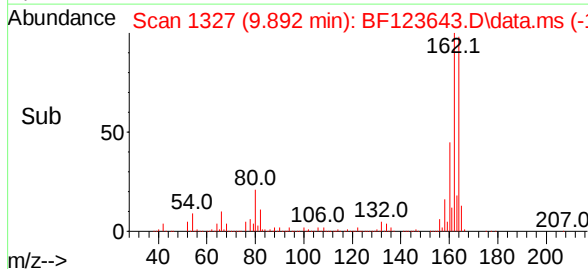
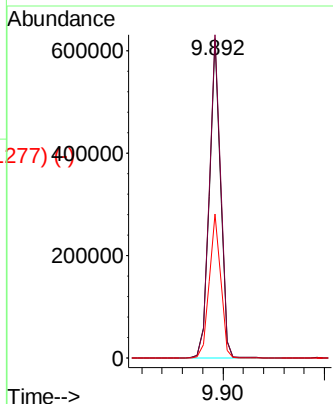
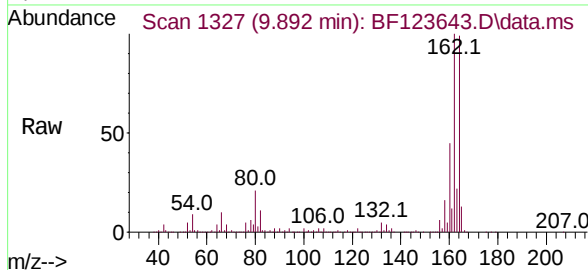
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-1329)



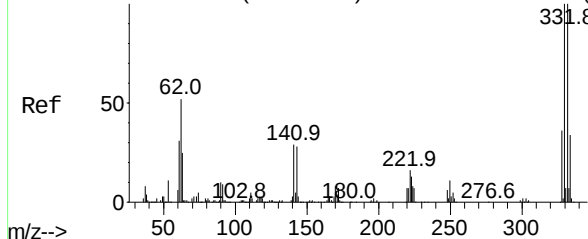
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleID :
TP-4DL

Tgt Ion:	164	Resp:	473163
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	45.1	37.3	55.9

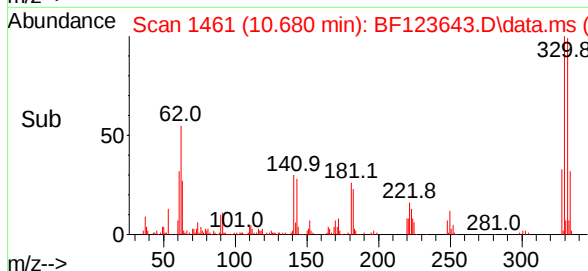
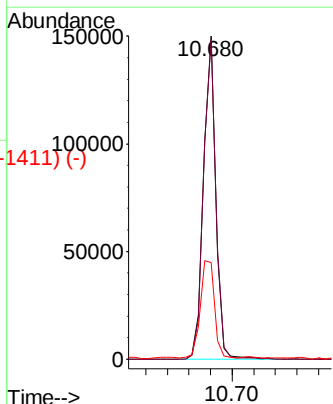
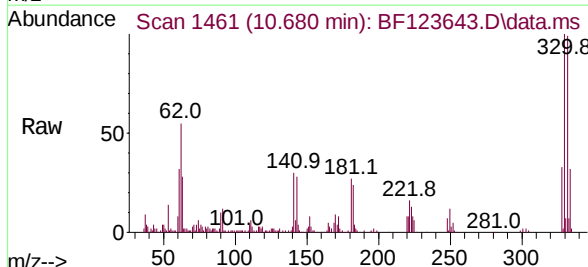


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1461)

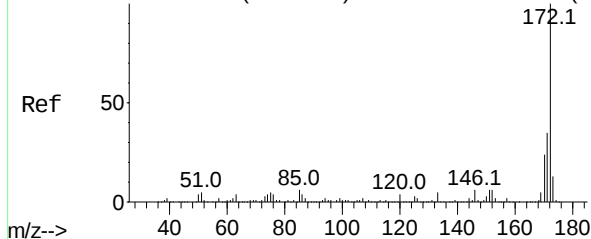


2,4,6-Tribromophenol
Concen: 21.92 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	330	Resp:	117434
Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.1	115.7
141	34.8	27.9	41.9

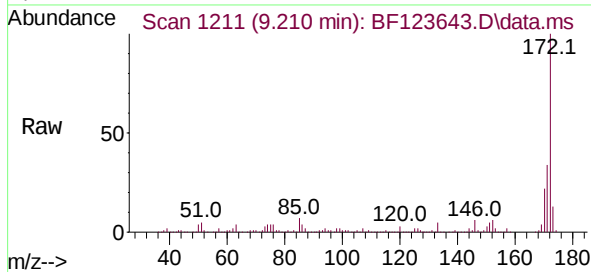


Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-1216)

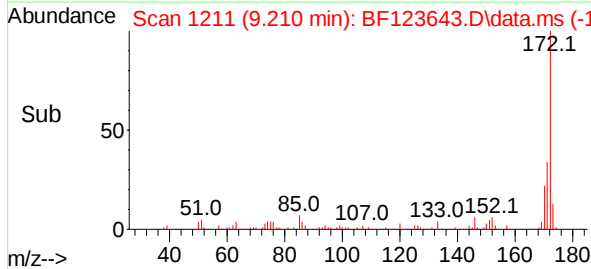
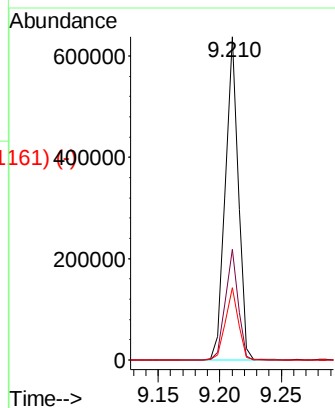


2-Fluorobiphenyl
Concen: 14.81 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

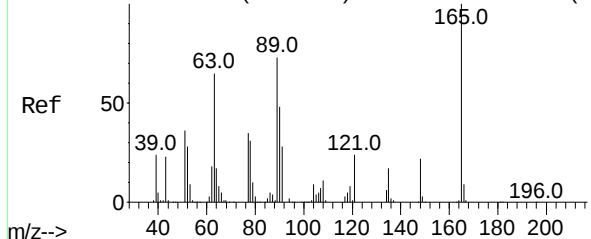
Instrument :
BNA_F
ClientSampled :
TP-4DL



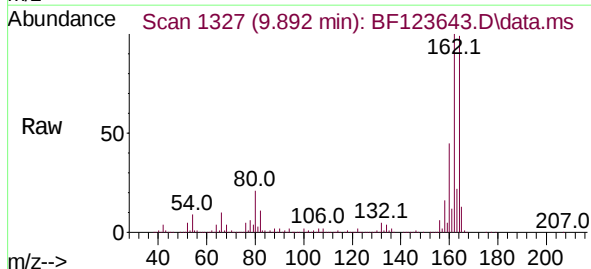
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	22.4	19.2	28.8



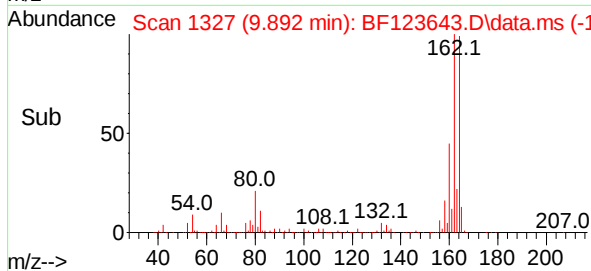
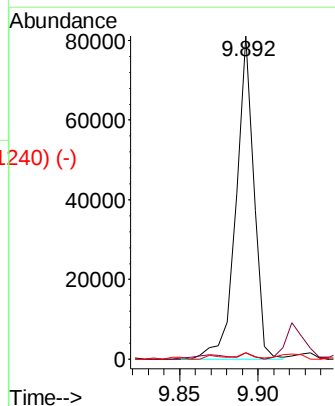
Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-1294)



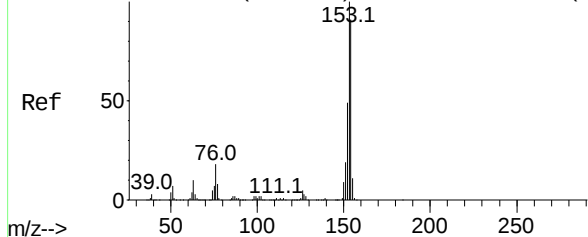
2,6-Dinitrotoluene
Concen: 8.89 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11



Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	67.7	101.5#
89	2.0	58.8	88.2#



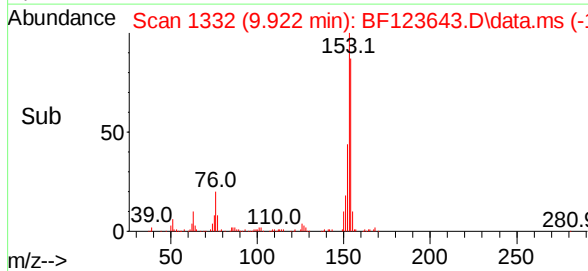
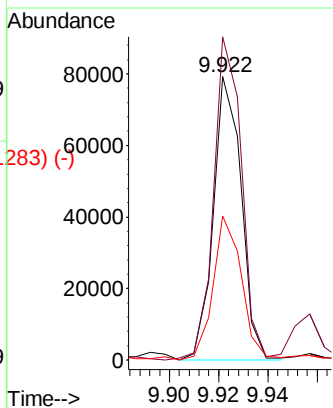
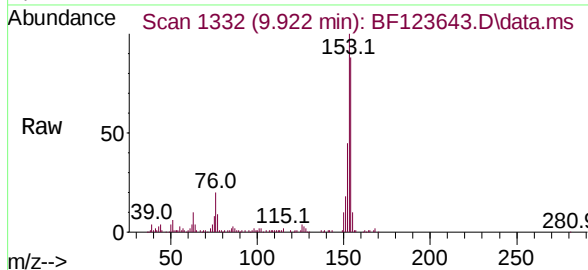
Abundance Scan 1337 (9.951 min): BF123565.D\data.ms (-1283) (-)



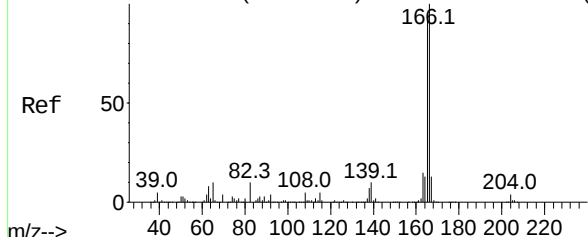
Acenaphthene
Concen: 2.14 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampled :
TP-4DL

Tgt Ion:	154	Resp:	62542
Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.1	132.1
152	50.9	43.4	65.0

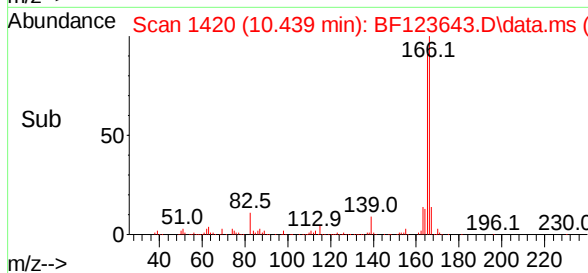
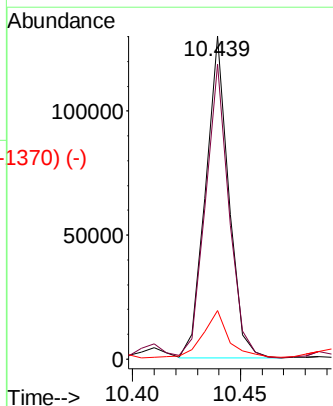
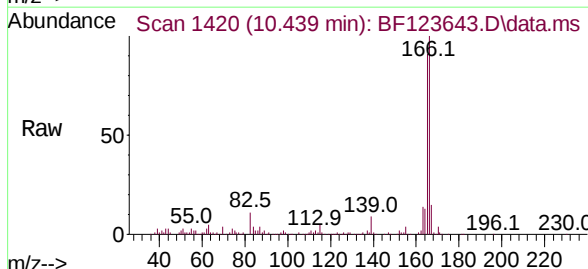


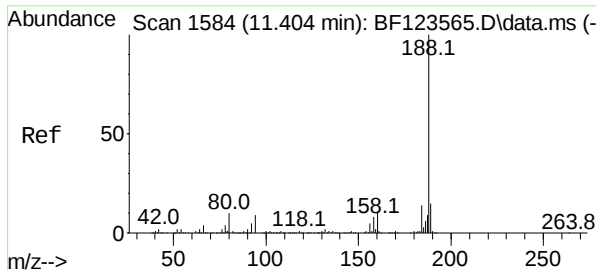
Abundance Scan 1425 (10.469 min): BF123565.D\data.ms (-1458) (-)



Fluorene
Concen: 2.93 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	166	Resp:	96604
Ion	Ratio	Lower	Upper
166	100		
165	91.3	73.5	110.3
167	15.0	10.7	16.1

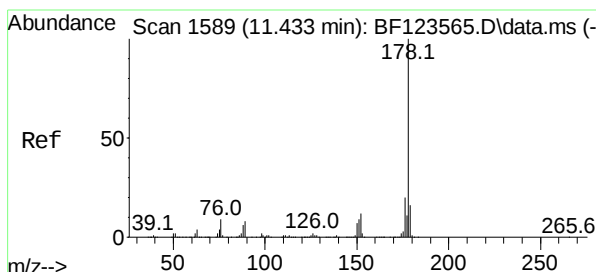
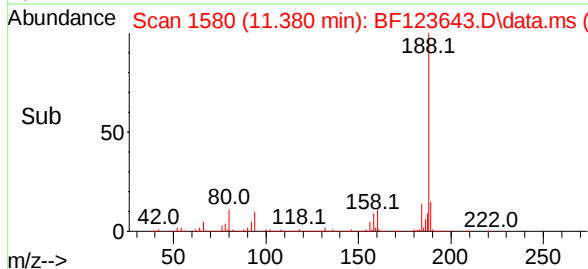
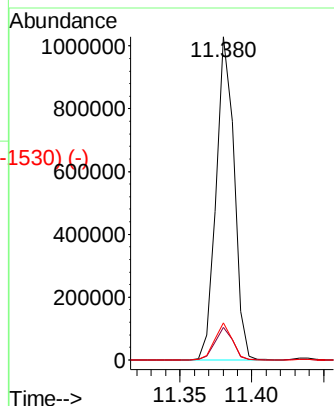
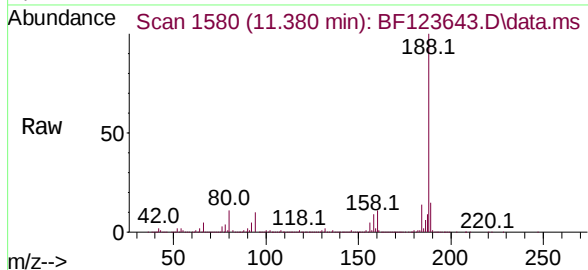




Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.380 min Scan# 1580
 Delta R.T. -0.006 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

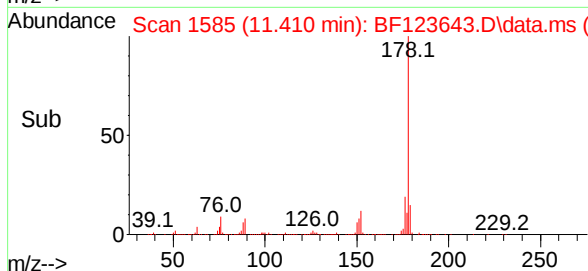
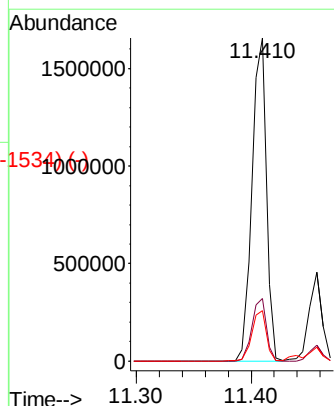
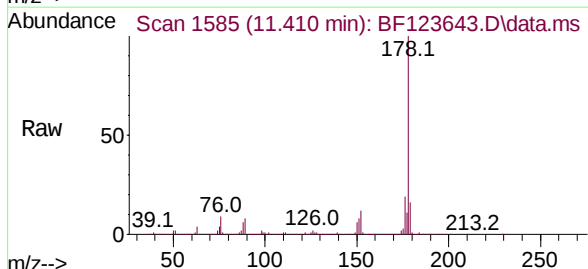
Instrument :
 BNA_F
 ClientSampleID :
 TP-4DL

Tgt Ion:	188	Resp:	887778
Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.5	8.2	12.2

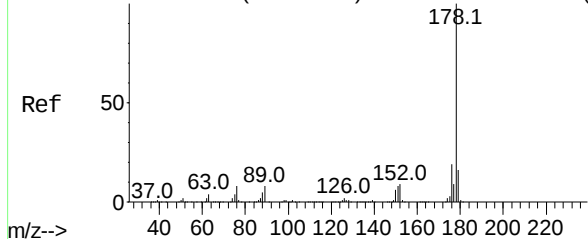


Phenanthrene
 Concen: 31.24 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.000 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

Tgt Ion:	178	Resp:	1447579
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.5	18.7



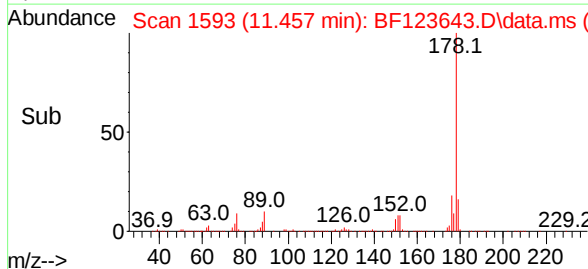
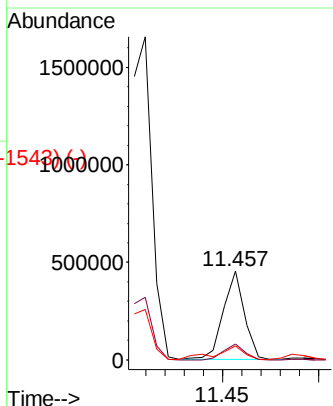
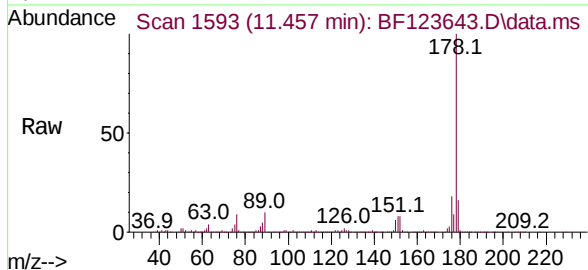
Abundance Scan 1598 (11.486 min): BF123565.D\data.ms (-1573)



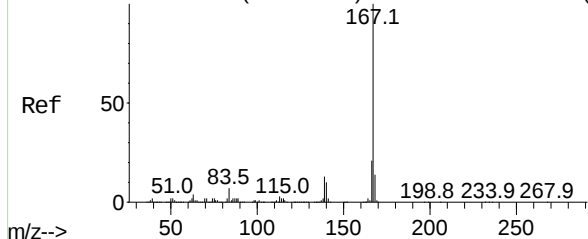
Anthracene
Concen: 7.41 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleId :
TP-4DL

Tgt Ion:	178	Resp:	343346
Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.6	12.6	18.8

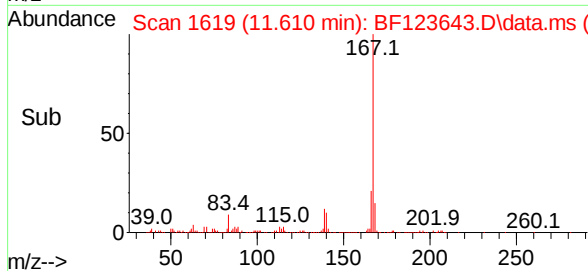
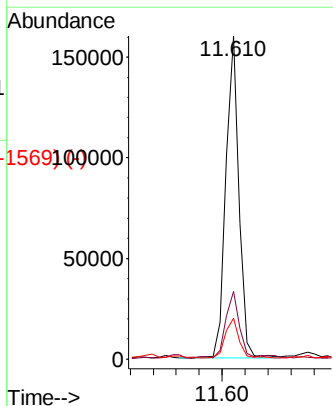
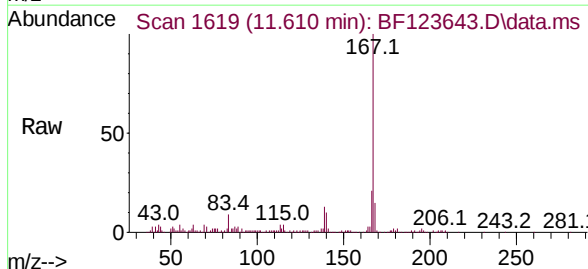


Abundance Scan 1624 (11.639 min): BF123565.D\data.ms (-1673)

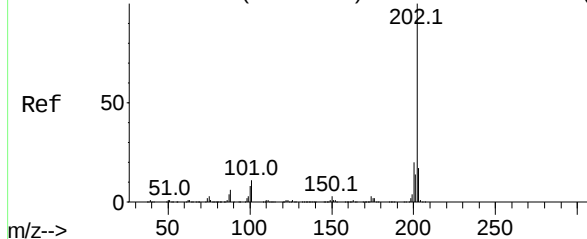


Carbazole
Concen: 2.73 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	167	Resp:	126324
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.6	10.4	15.6



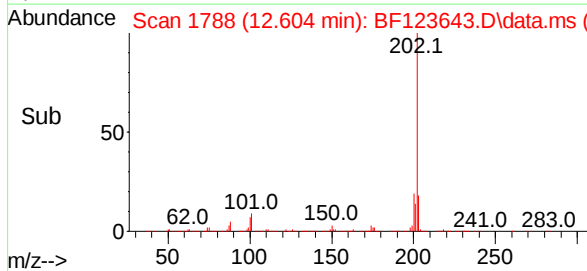
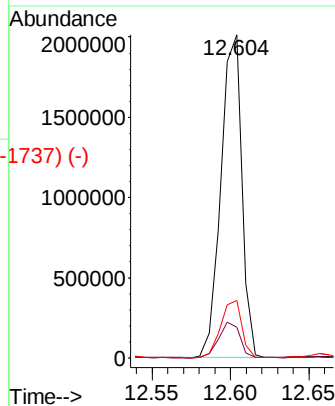
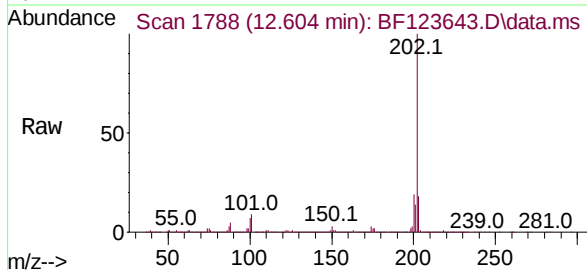
Abundance Scan 1791 (12.621 min): BF123565.D\data.ms (-1785) (-)



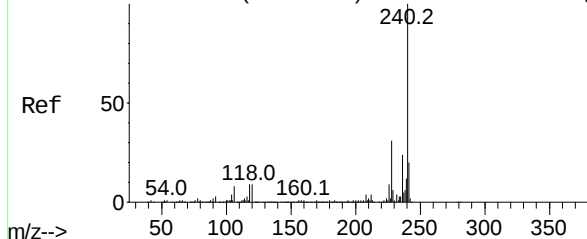
Fluoranthene
Concen: 36.69 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleId :
TP-4DL

Tgt Ion:	202	Resp:	1868243
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.9
203	17.7	0.0	37.5

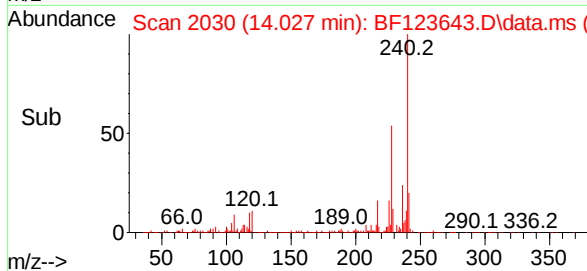
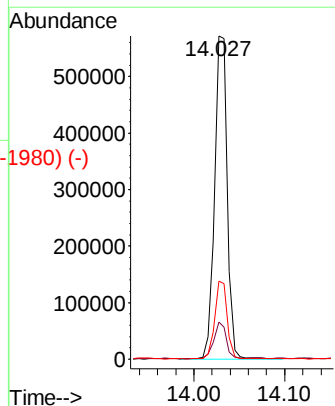
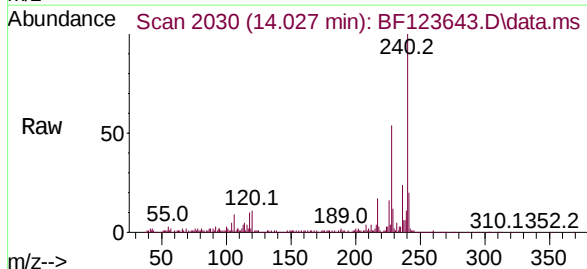


Abundance Scan 2035 (14.057 min): BF123565.D\data.ms (-2029) (-)

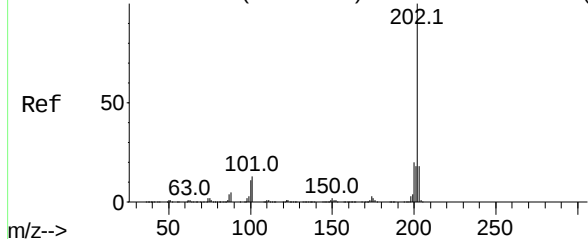


Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	240	Resp:	554599
Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.2	10.8#
236	24.2	19.0	28.4



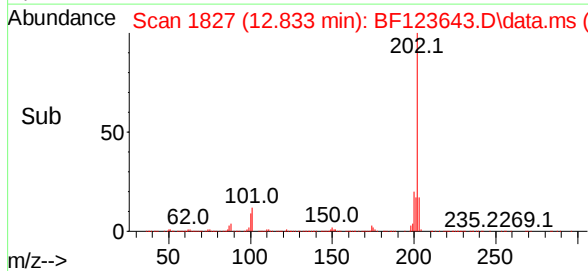
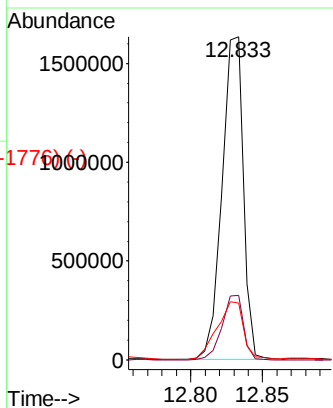
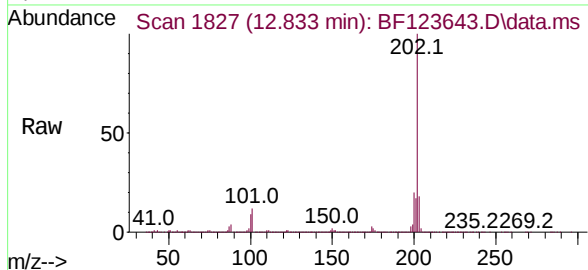
Abundance Scan 1830 (12.851 min): BF123565.D\data.ms (-1873 (-)



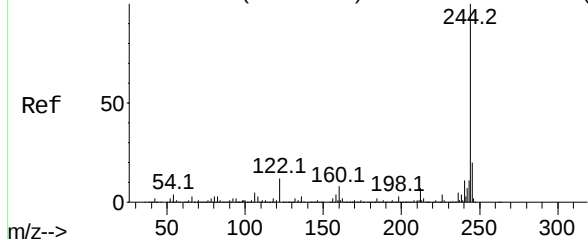
Pyrene
Concen: 41.52 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleID :
TP-4DL

Tgt Ion:	202	Resp:	1680399
Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.6	14.8	22.2

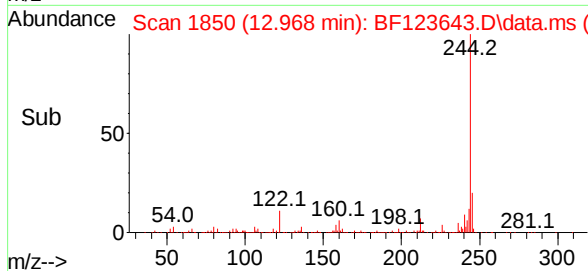
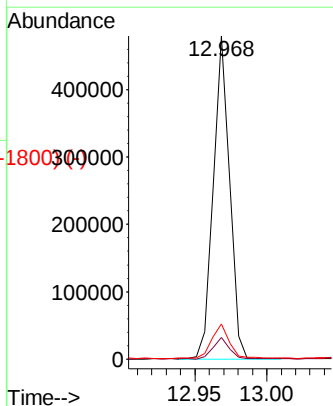
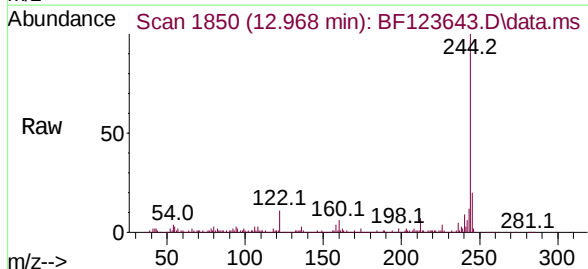


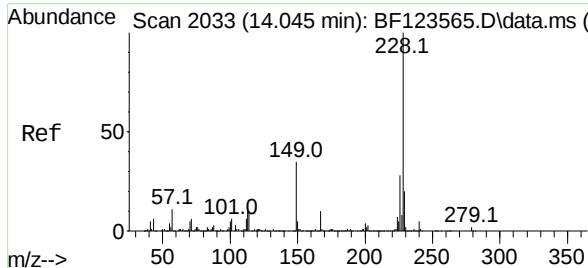
Abundance Scan 1855 (12.998 min): BF123565.D\data.ms (-1879 (-)



Terphenyl-d14
Concen: 13.17 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Tgt Ion:	244	Resp:	375888
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.9	9.7	14.5

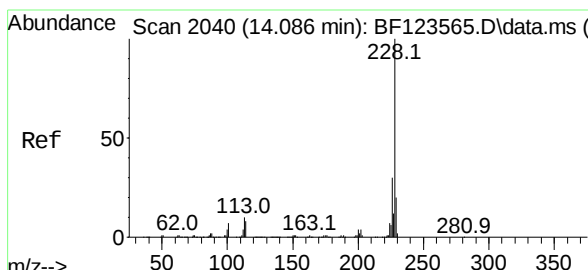
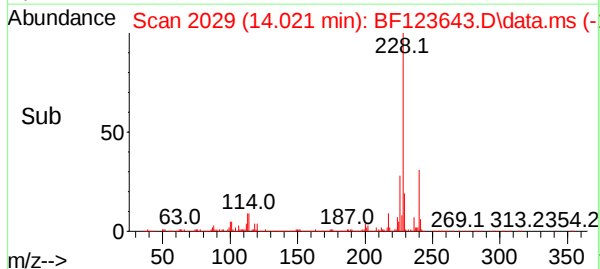
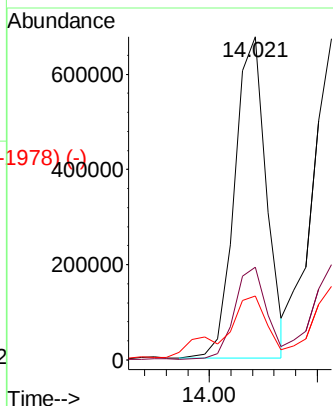
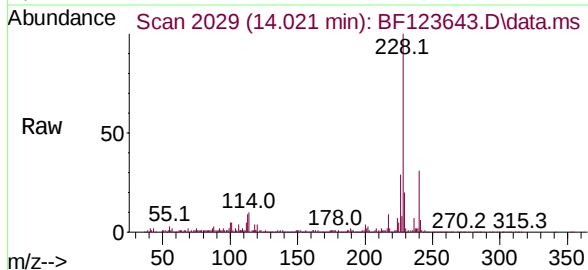




Benzo(a)anthracene
 Concen: 20.35 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

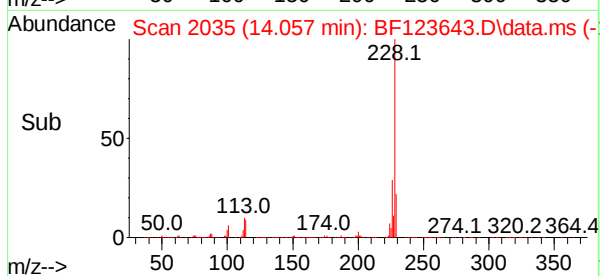
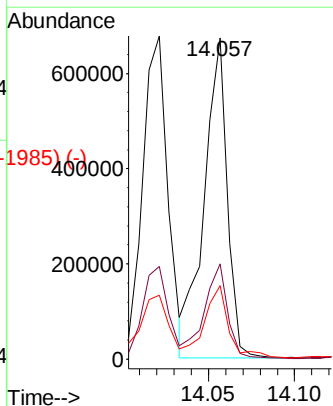
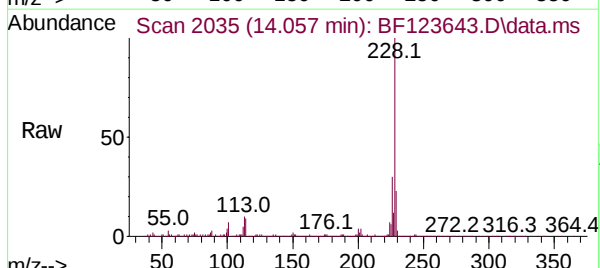
Instrument :
 BNA_F
 ClientSampled :
 TP-4DL

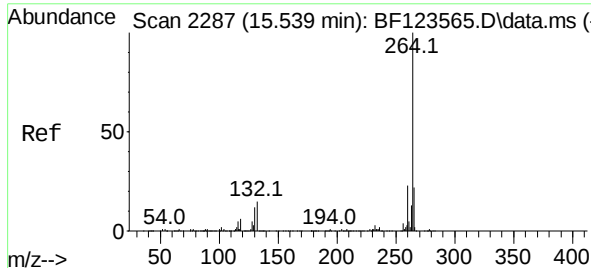
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	19.8	16.0	24.0



Chrysene
 Concen: 18.46 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

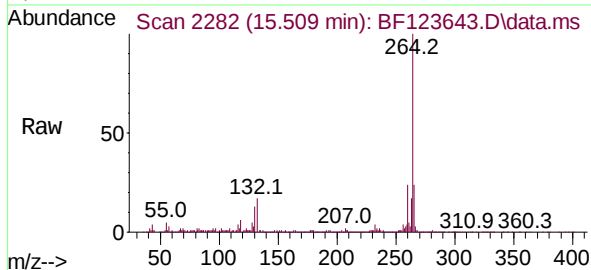
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	22.9	16.2	24.2



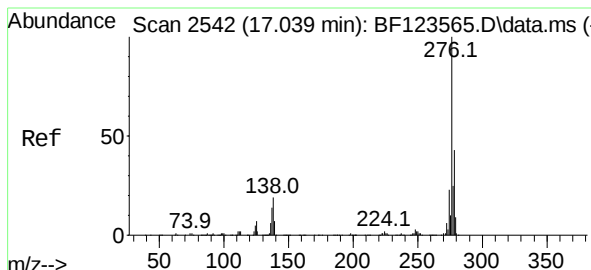
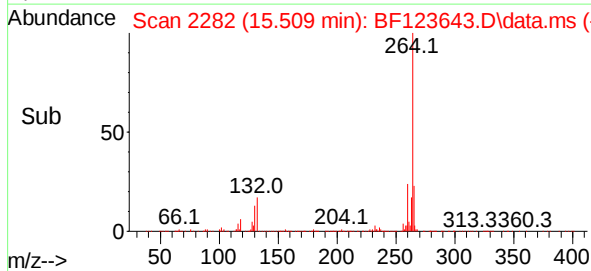
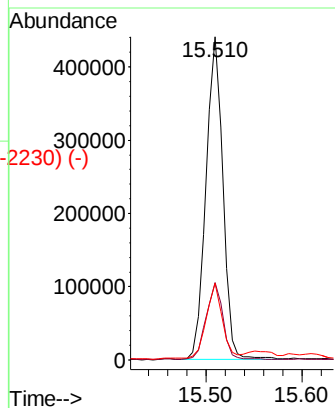


Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

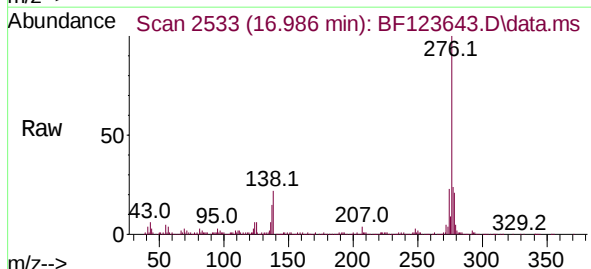
Instrument :
BNA_F
ClientSampleID :
TP-4DL



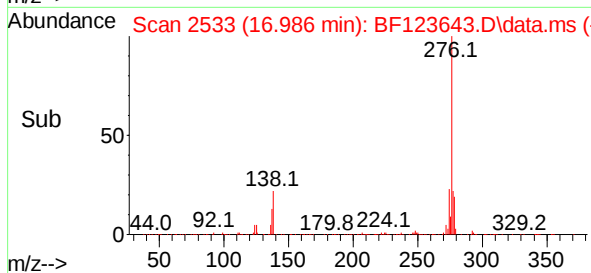
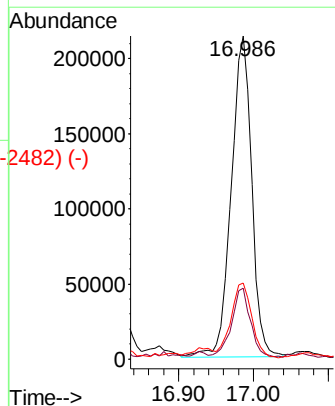
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	23.7	17.8	26.8



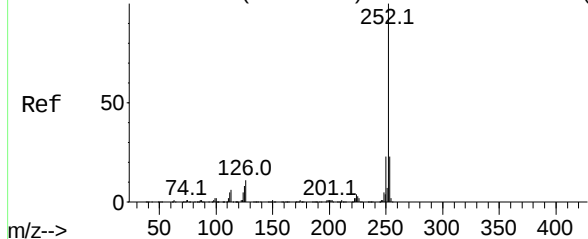
Indeno(1,2,3-cd)pyrene
Concen: 14.16 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.2	24.2
277	23.7	20.1	30.1



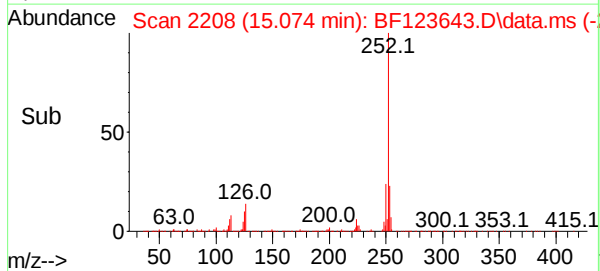
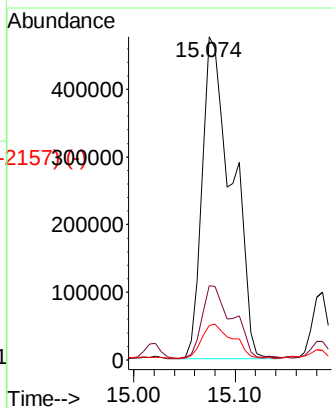
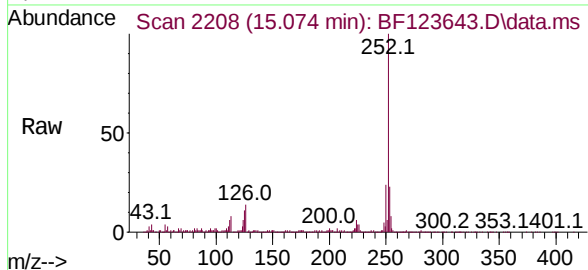
Abundance Scan 2214 (15.110 min): BF123565.D\data.ms (-2214) (-)



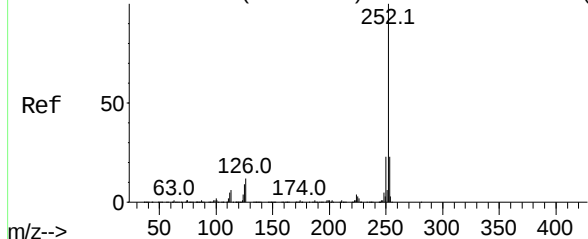
Benzo(b)fluoranthene
Concen: 25.89 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleId :
TP-4DL

Tgt Ion:252 Resp: 975557
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.8 6.2 9.4#

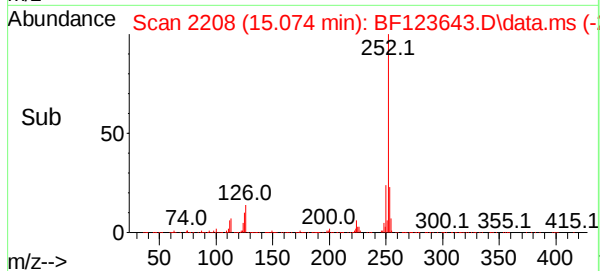
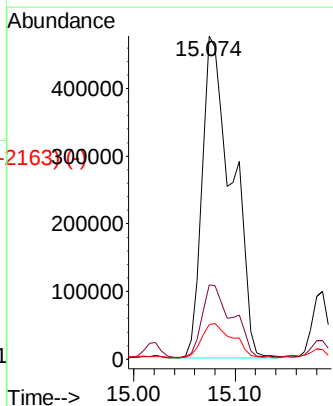
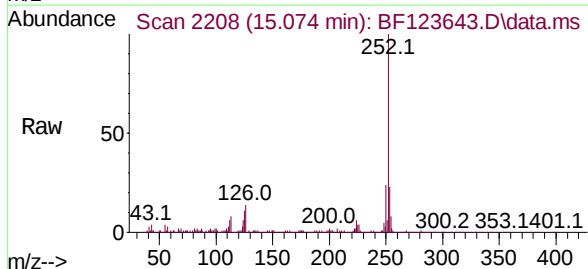


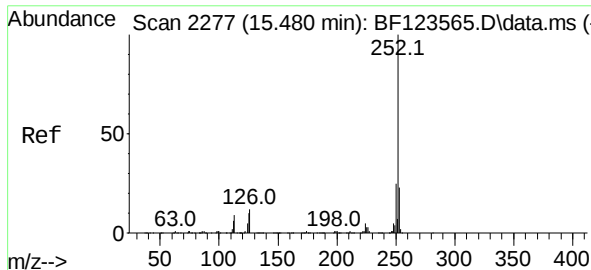
Abundance Scan 2219 (15.139 min): BF123565.D\data.ms (-2219) (-)



Benzo(k)fluoranthene
Concen: 28.32 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

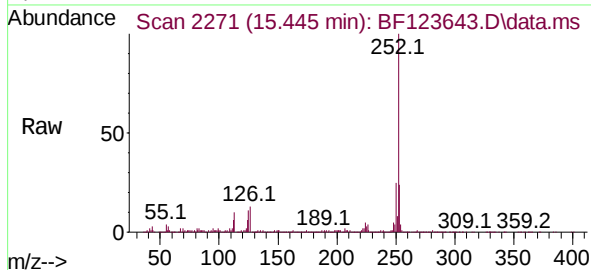
Tgt Ion:252 Resp: 975557
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.8 7.0 10.6#



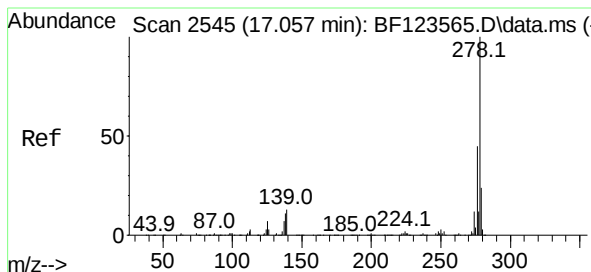
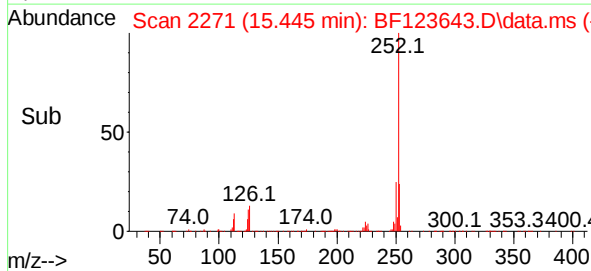
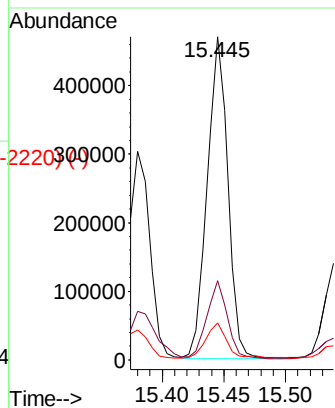


Benzo(a)pyrene
 Concen: 18.25 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

Instrument :
 BNA_F
 ClientSampleID :
 TP-4DL

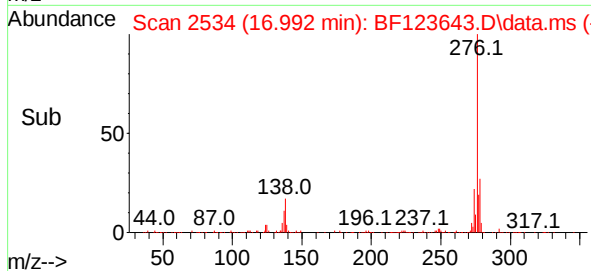
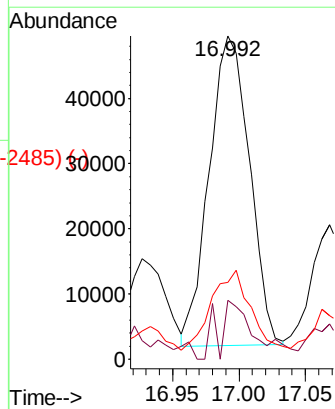
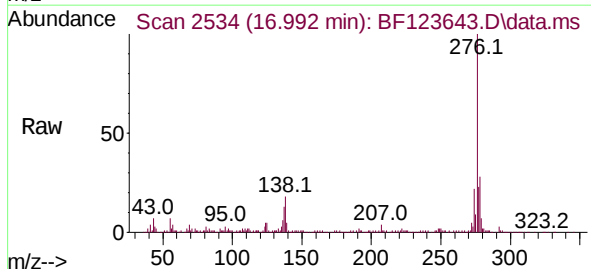


Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	11.5	8.0	12.0

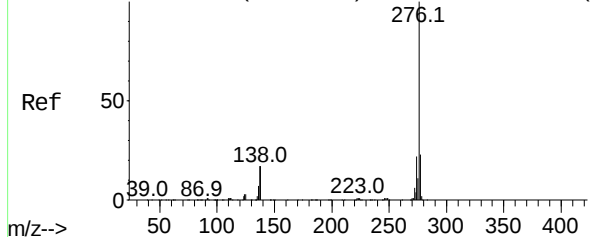


Dibenzo(a,h)anthracene
 Concen: 4.17 ng
 RT: 16.992 min Scan# 2534
 Delta R.T. -0.012 min
 Lab File: BF123643.D
 Acq: 20 Apr 2021 15:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	10.2	15.2#
279	23.7	19.4	29.0



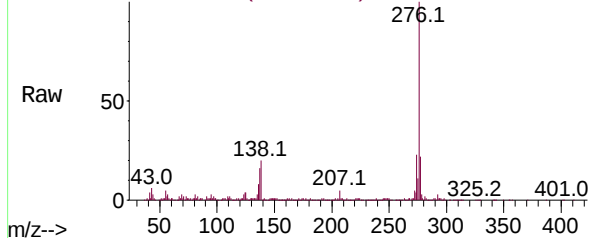
Abundance Scan 2618 (17.486 min): BF123565.D\data.ms (-2609)



Benzo(g,h,i)perylene
Concen: 19.00 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF123643.D
Acq: 20 Apr 2021 15:11

Instrument :
BNA_F
ClientSampleId :
TP-4DL

Abundance Scan 2609 (17.433 min): BF123643.D\data.ms



Tgt Ion:	276	Resp:	379645
Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.2	27.2
138	19.6	13.8	20.6

Abundance Scan 2609 (17.433 min): BF123643.D\data.ms (-2559) (-)

