

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125821.D
 Acq On : 13 Oct 2021 12:07
 Operator : JU/CG
 Sample : M4117-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-0.5)

Quant Time: Oct 13 13:32:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

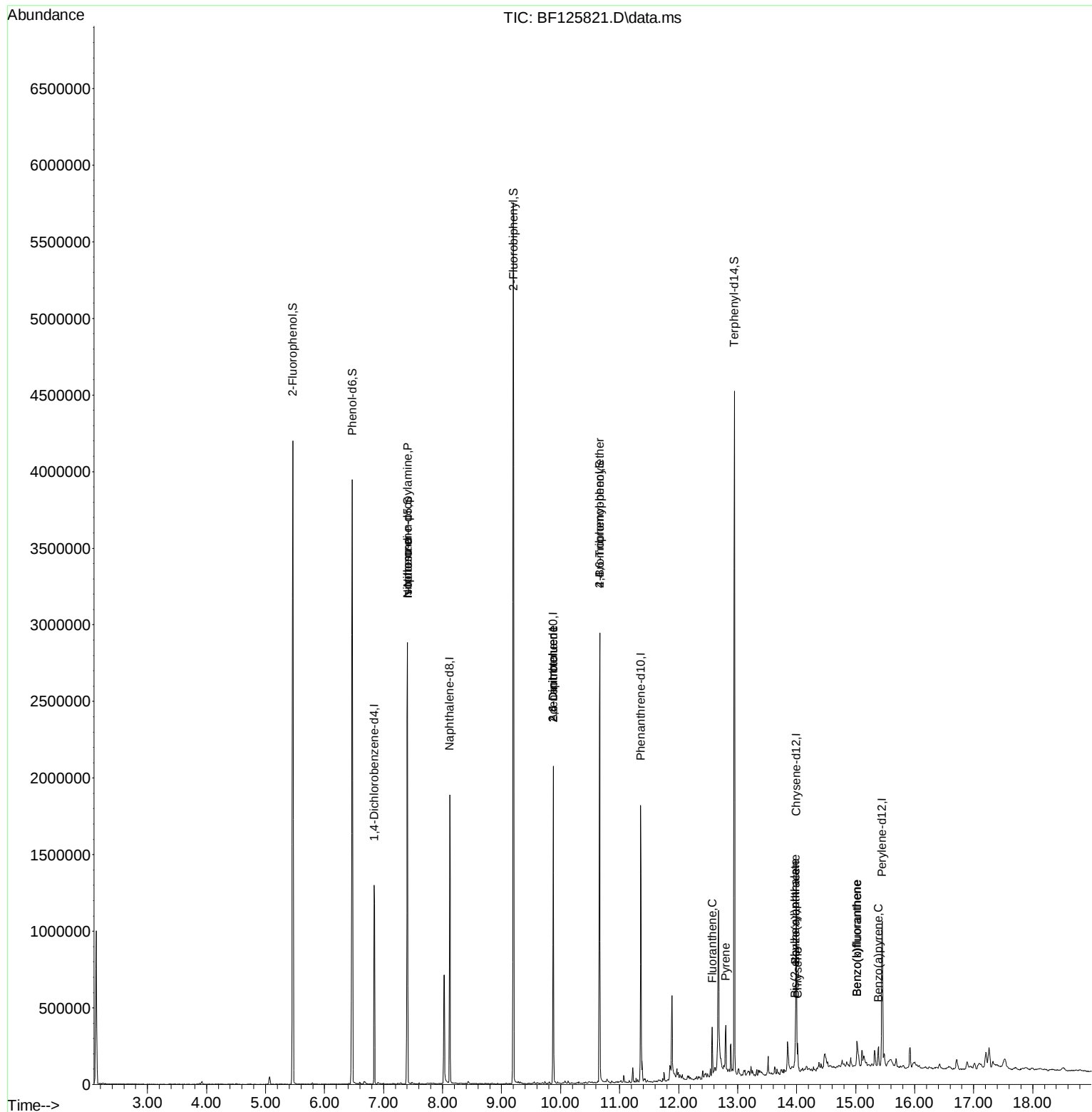
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	201684	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	798581	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	401559	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	634695	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	403004	20.000	ng	0.00
86) Perylene-d12	15.451	264	427542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1280691	103.735	ng	0.00
7) Phenol-d6	6.469	99	1555805	97.892	ng	0.00
23) Nitrobenzene-d5	7.404	82	942006	73.324	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	369380	93.169	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1804878	77.525	ng	0.00
79) Terphenyl-d14	12.945	244	1449570	54.790	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	117609	14.018	ng	# 50
25) Isophorone	7.404	82	938647	41.240	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	51621	9.661	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	51621	7.641	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	21206	3.017	ng	# 1
75) Fluoranthene	12.569	202	109576	3.576	ng	96
78) Pyrene	12.798	202	118238	2.888	ng	96
81) Benzo(a)anthracene	13.980	228	61346	2.346	ng	95
83) Chrysene	14.016	228	62927	2.435	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	34817	2.438	ng	96
88) Benzo(b)fluoranthene	15.021	252	122509	5.075	ng	99
89) Benzo(k)fluoranthene	15.021	252	122509	4.943	ng	# 97
90) Benzo(a)pyrene	15.386	252	62751	2.936	ng	96

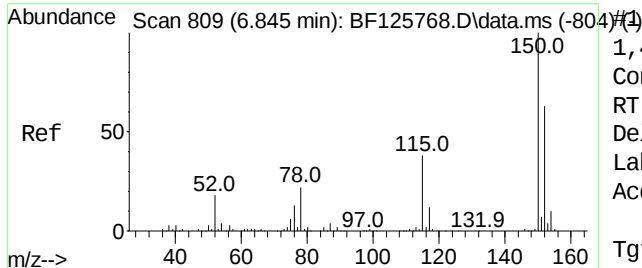
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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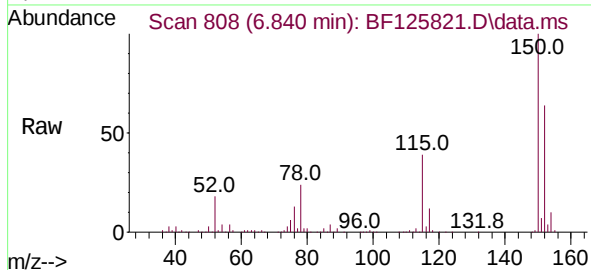
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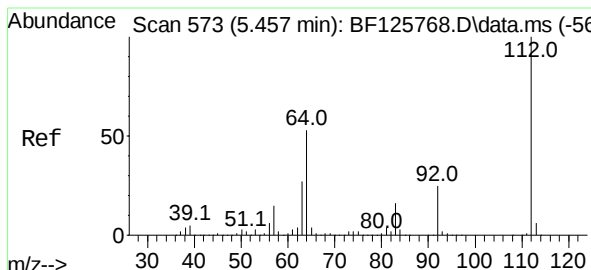
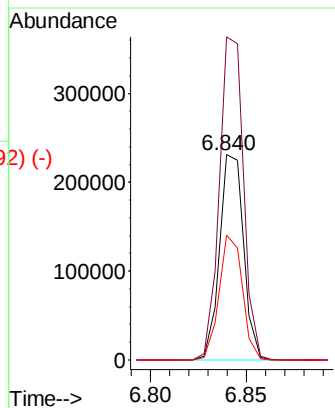
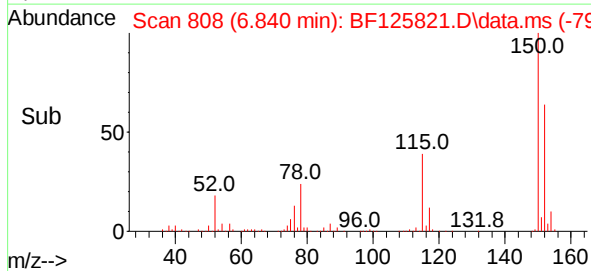


1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

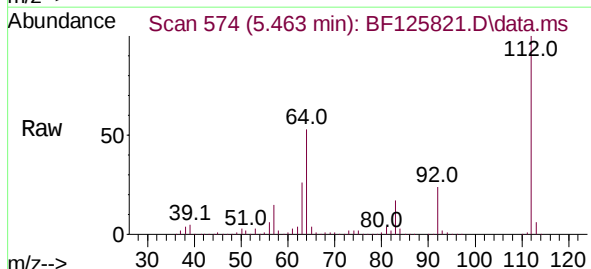
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



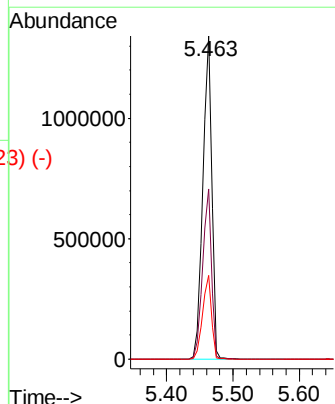
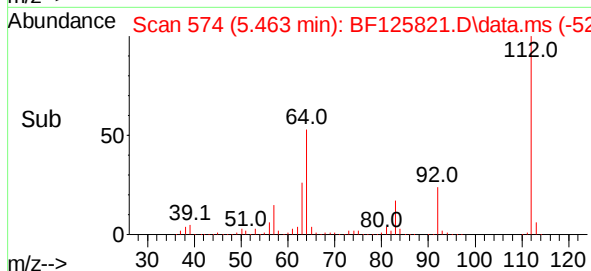
Tgt Ion:152 Resp: 201684
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 60.8 47.1 70.7

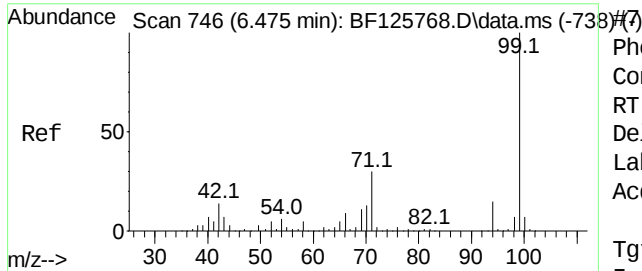


2-Fluorophenol
Concen: 103.735 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



Tgt Ion:112 Resp: 1280691
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 26.0 26.2 39.2#

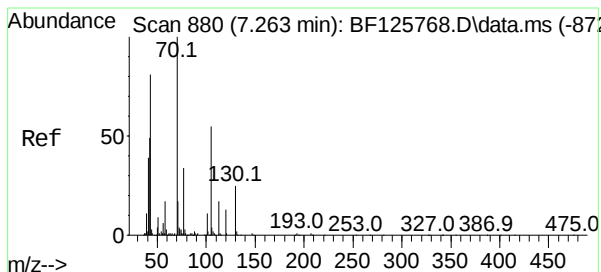
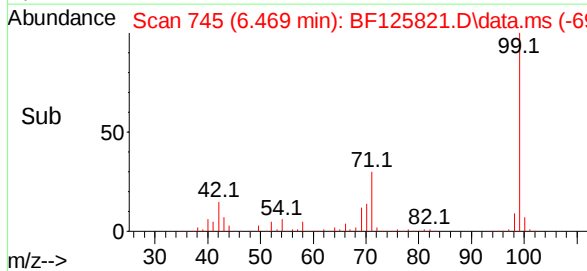
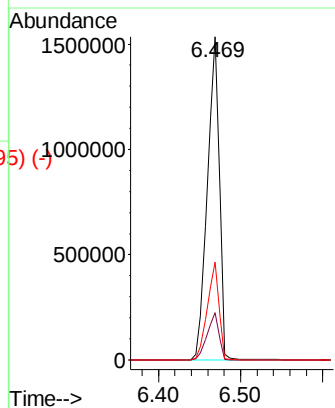
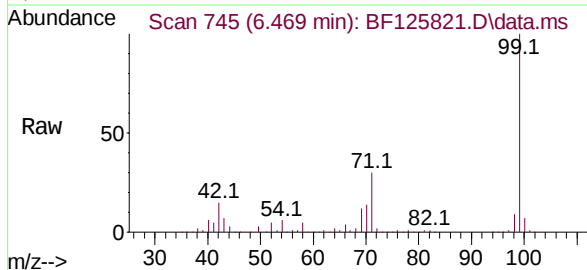




Phenol-d6
 Concen: 97.892 ng
 RT: 6.469 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BF125821.D
 Acq: 13 Oct 2021 12:07

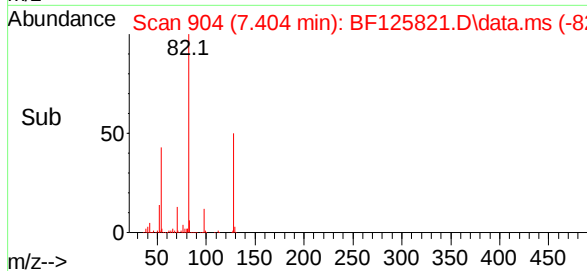
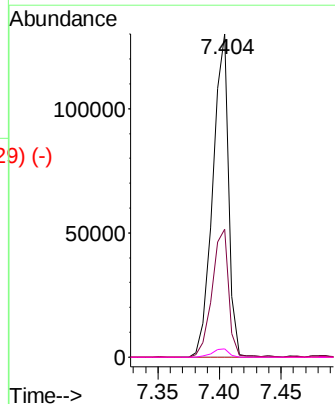
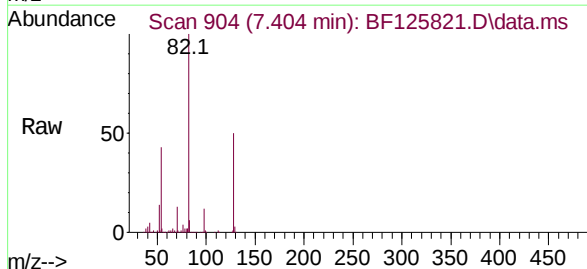
Instrument :
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 SB-5(0-0.5)

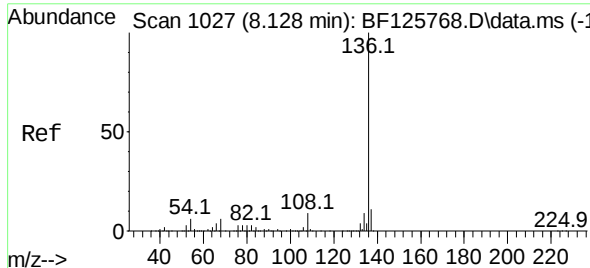
Tgt Ion:	99	Resp:	1555805
Ion	Ratio	Lower	Upper
99	100		
42	14.7	23.5	35.3#
71	30.4	25.6	38.4



n-Nitroso-di-n-propylamine
 Concen: 14.018 ng
 RT: 7.404 min Scan# 904
 Delta R.T. 0.141 min
 Lab File: BF125821.D
 Acq: 13 Oct 2021 12:07

Tgt Ion:	70	Resp:	117609
Ion	Ratio	Lower	Upper
70	100		
42	39.6	72.2	108.2#
101	0.0	7.8	11.8#
130	2.6	21.8	32.6#

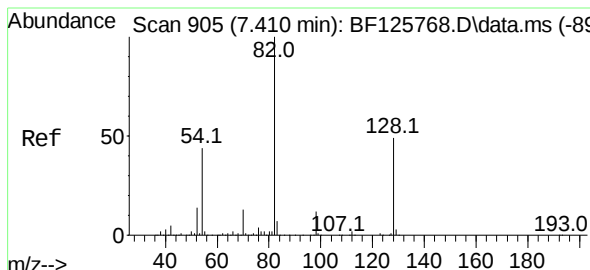
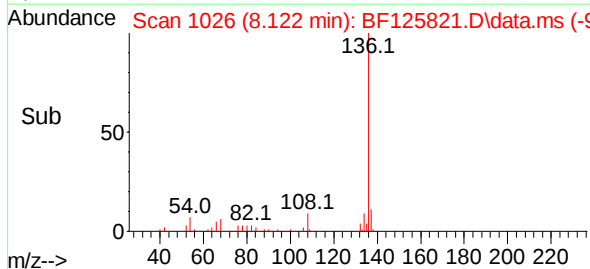
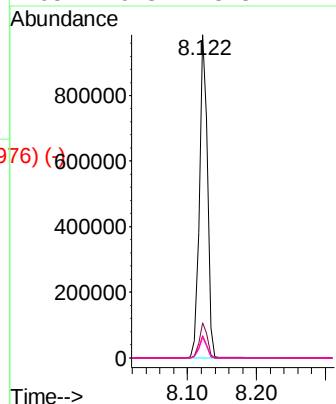
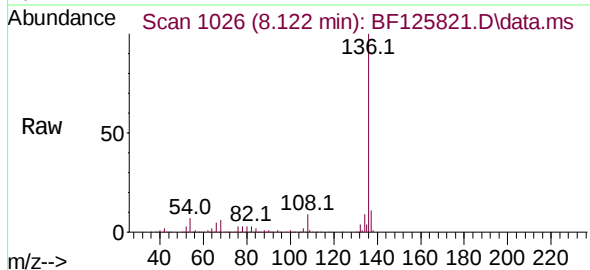




Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

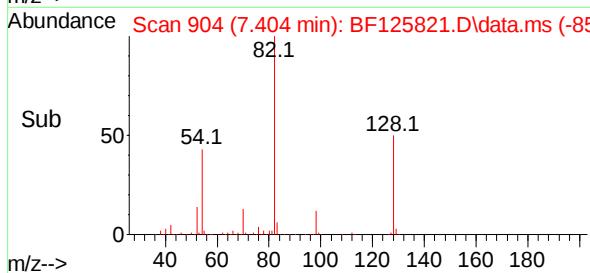
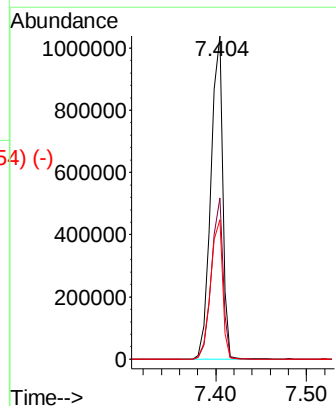
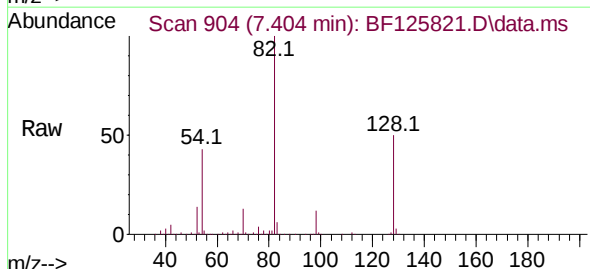
Instrument :
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SB-5(0-0.5)

Tgt Ion:	136	Resp:	798581
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.9	6.4	9.6
68	6.3	3.3	4.9#

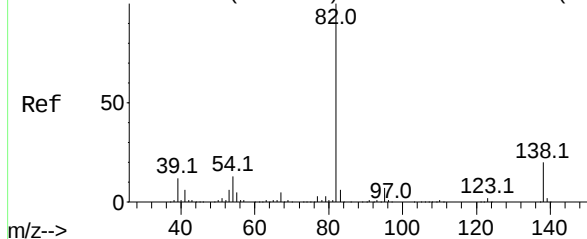


Nitrobenzene-d5
Concen: 73.324 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Tgt Ion:	82	Resp:	942006
Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.6	60.8
54	43.2	49.6	74.4#



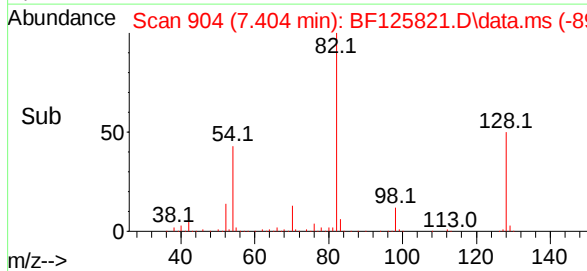
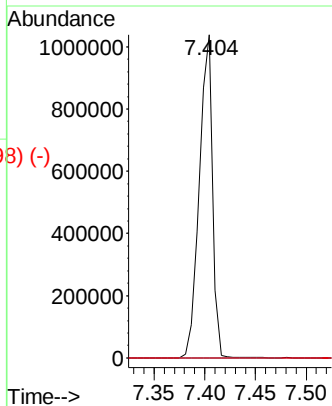
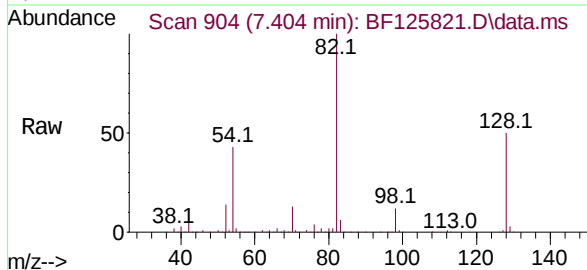
Abundance Scan 949 (7.669 min): BF125768.D\data.ms (-942) #25



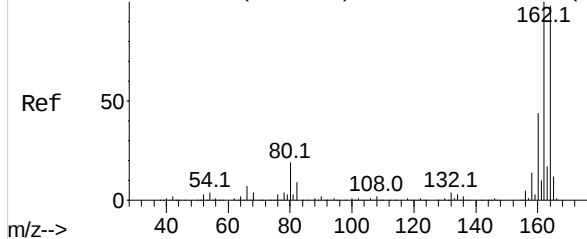
Isophorone
Concen: 41.240 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion:	82	Resp:	938647
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

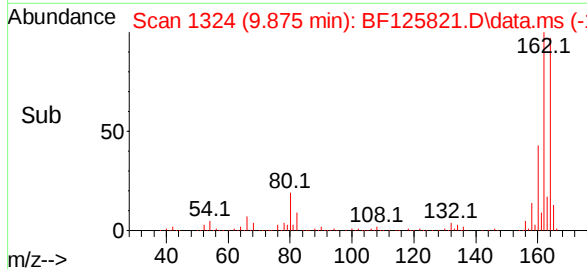
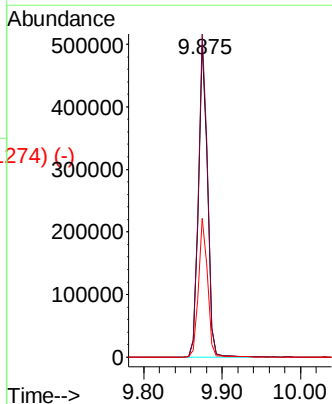
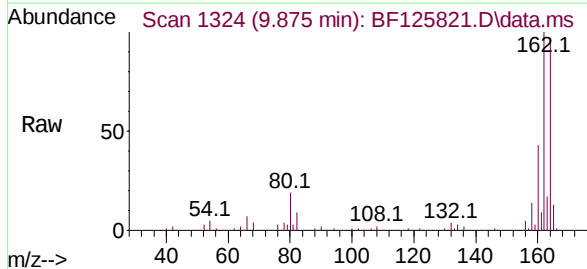


Abundance Scan 1325 (9.880 min): BF125768.D\data.ms (-1320) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

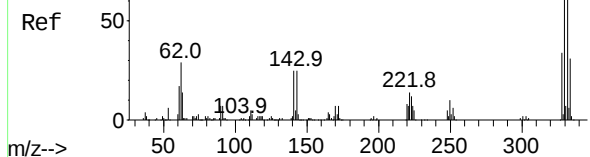
Tgt Ion:	164	Resp:	401559
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	44.3	38.0	57.0



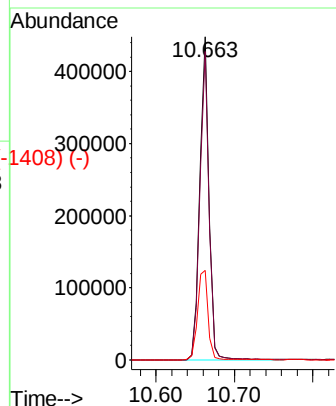
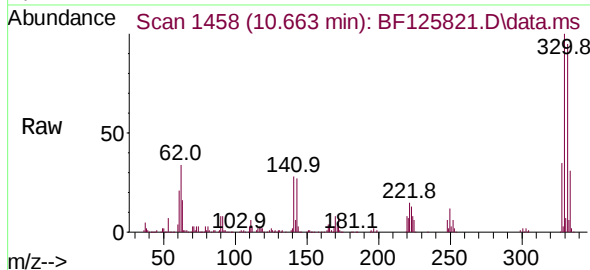
Abundance Scan 1459 (10.669 min): BF125768.D\data.ms (-1459) (-)

2,4,6-Tribromophenol
Concen: 93.169 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

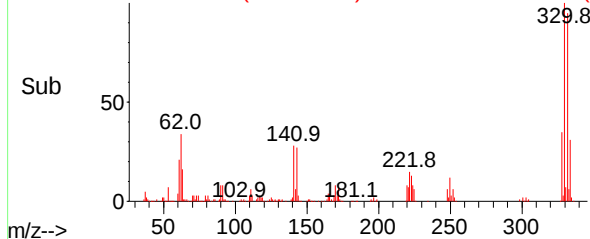
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



Tgt Ion:330 Resp: 369380
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 31.7 44.6 66.8#



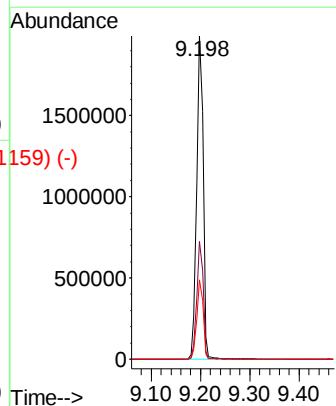
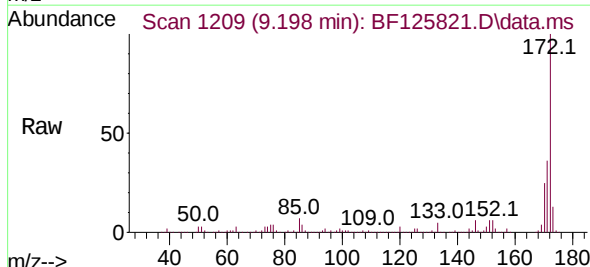
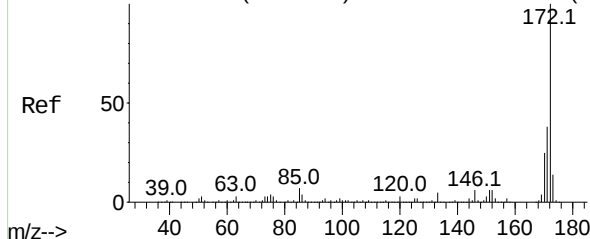
Abundance Scan 1458 (10.663 min): BF125821.D\data.ms (-1408) (-)



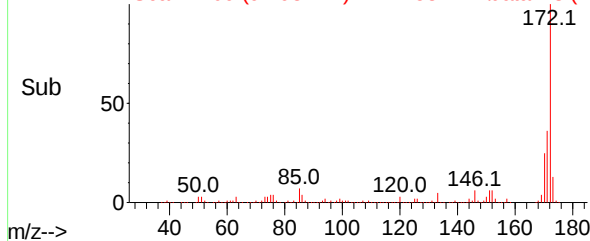
Abundance Scan 1210 (9.204 min): BF125768.D\data.ms (-1204) (-)

2-Fluorobiphenyl
Concen: 77.525 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

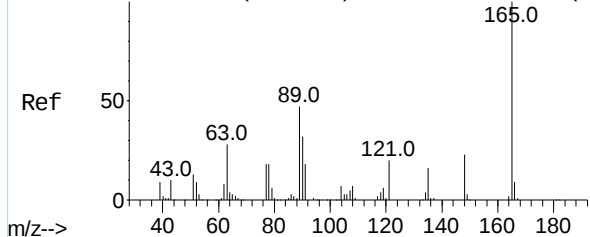
Tgt Ion:172 Resp: 1804878
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.6 18.8 28.2



Abundance Scan 1209 (9.198 min): BF125821.D\data.ms (-1159) (-)



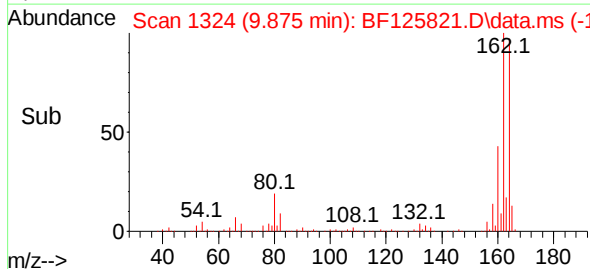
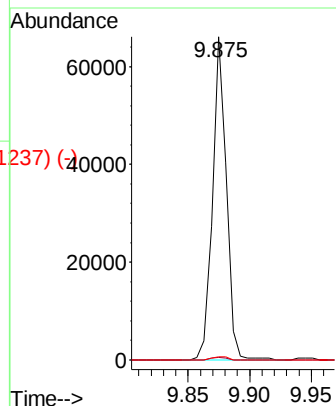
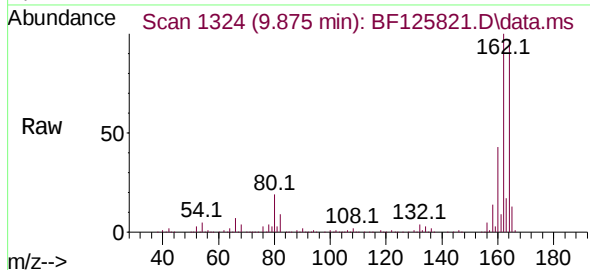
Abundance Scan 1288 (9.663 min): BF125768.D\data.ms (-1285)



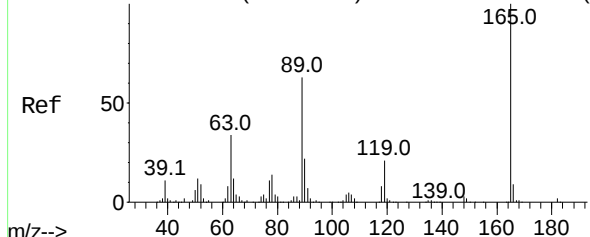
2,6-Dinitrotoluene
Concen: 9.661 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.6	63.8#
89	0.9	40.6	60.8#

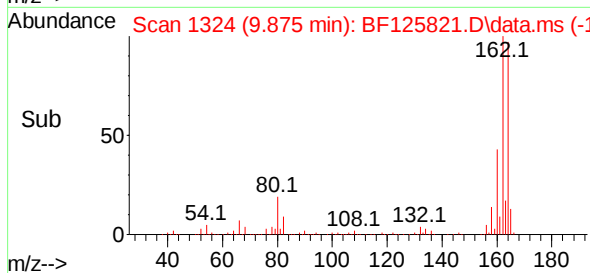
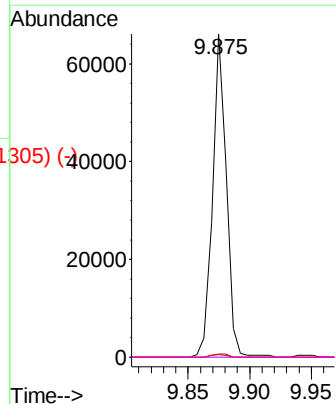
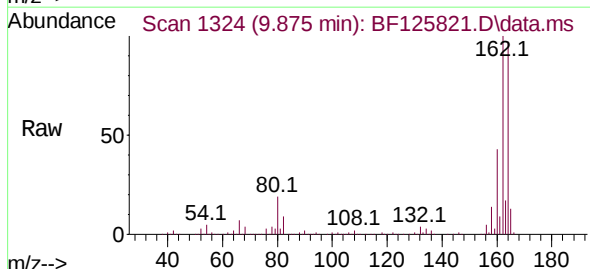


Abundance Scan 1356 (10.063 min): BF125768.D\data.ms (-1350)



2,4-Dinitrotoluene
Concen: 7.641 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

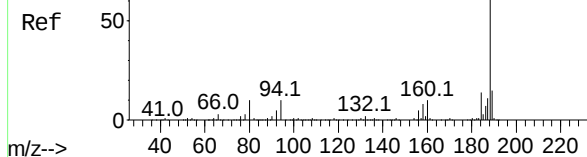
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.9	61.3#
89	0.9	59.7	89.5#
182	0.0	0.0	0.0



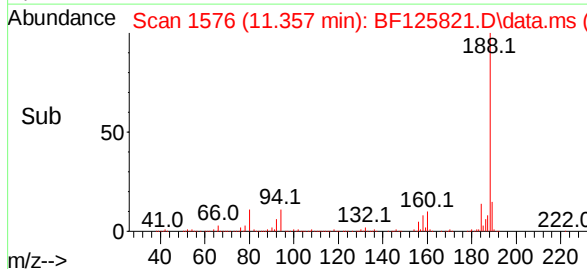
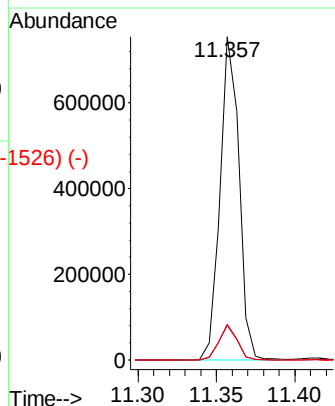
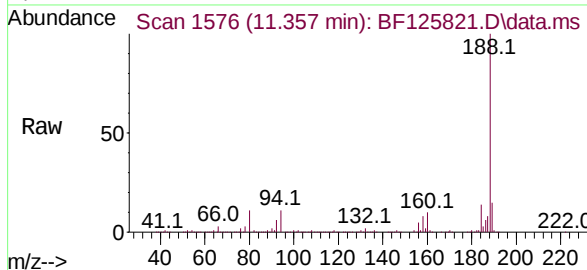
Abundance Scan 1577 (11.363 min): BF125768.D\data.ms (-1574) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

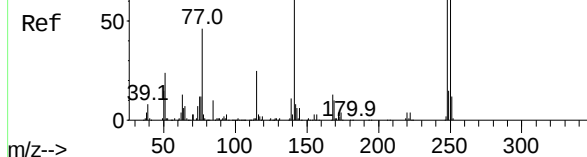


Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.7	10.1#
80	11.1	7.5	11.3

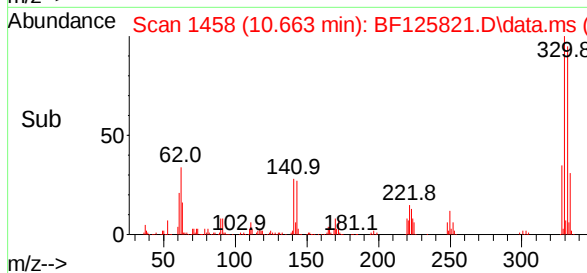
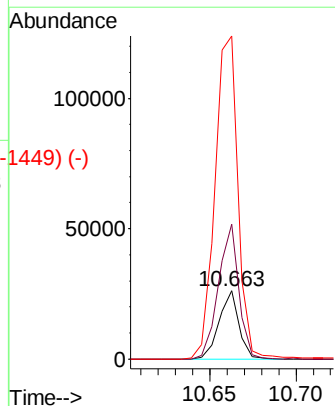
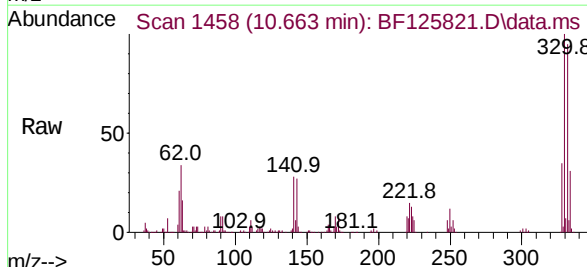


Abundance Scan 1500 (10.910 min): BF125768.D\data.ms (-1457) (-)

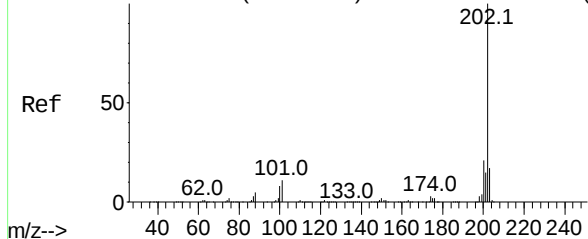
4-Bromophenyl-phenylether
Concen: 3.017 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.5	74.2	111.4#
141	471.3	60.4	90.6#



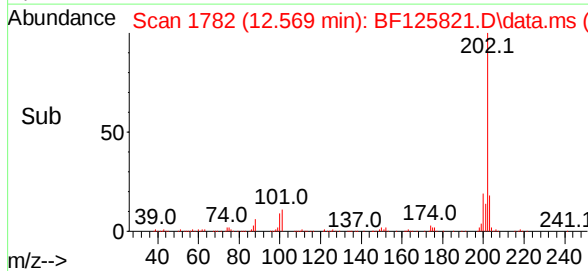
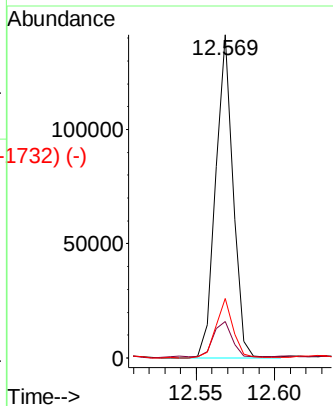
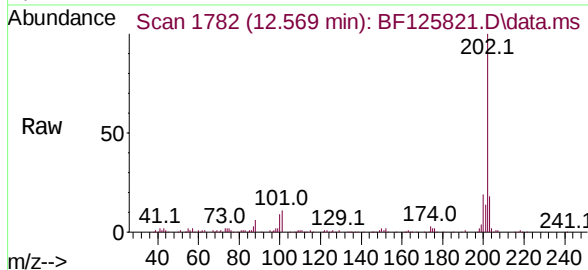
Abundance Scan 1783 (12.574 min): BF125768.D\data.ms (-1775) (-)



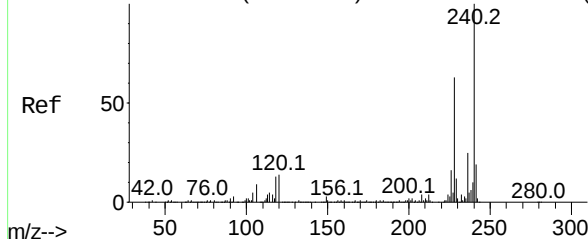
Fluoranthene
Concen: 3.576 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.7
203	18.4	0.0	36.3

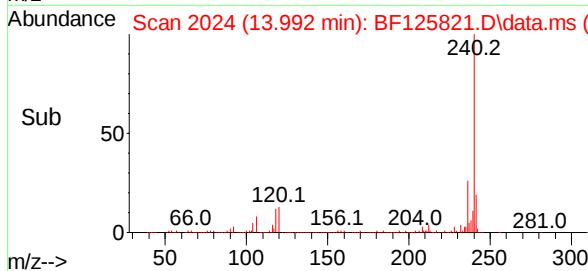
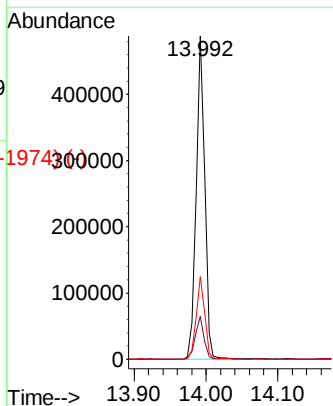
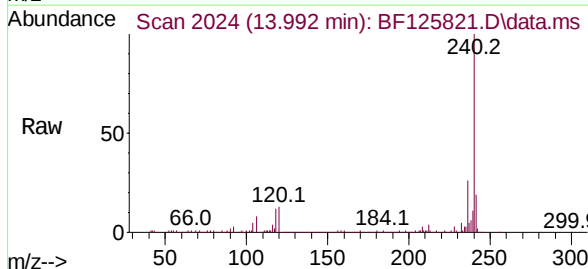


Abundance Scan 2024 (13.992 min): BF125768.D\data.ms (-20175) (-)

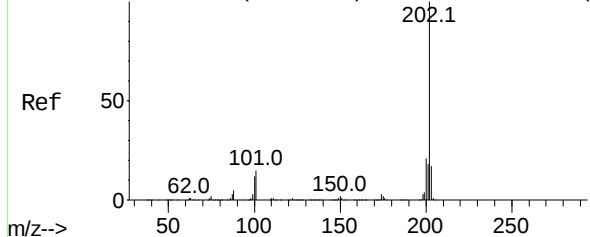


Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.8	16.2
236	25.5	21.6	32.4



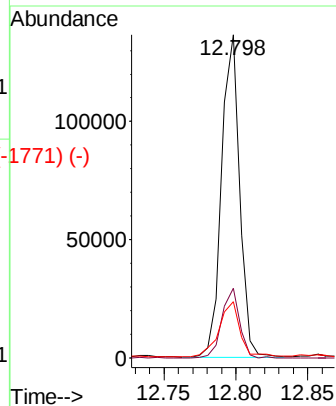
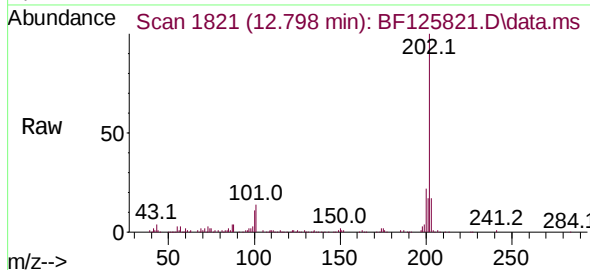
Abundance Scan 1821 (12.798 min): BF125768.D\data.ms (-1878) (-)



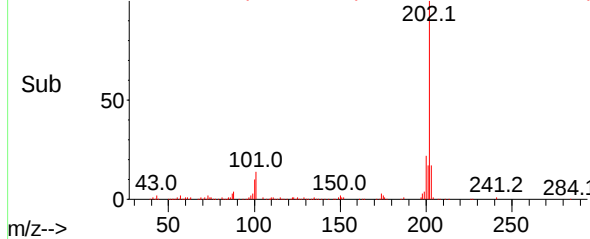
Pyrene
Concen: 2.888 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

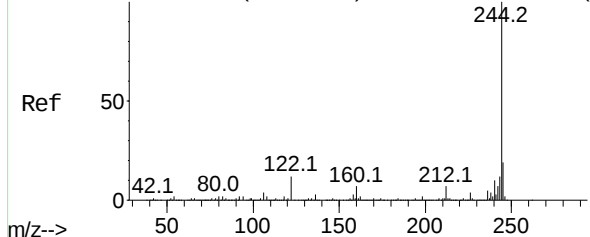
Tgt Ion:	202	Resp:	118238
Ion Ratio	Lower	Upper	
202	100		
200	21.5	15.3	22.9
203	17.5	13.4	20.0



Abundance Scan 1821 (12.798 min): BF125821.D\data.ms (-1771) (-)

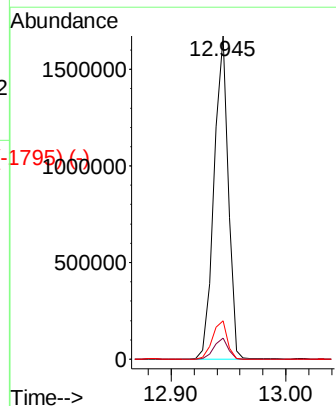
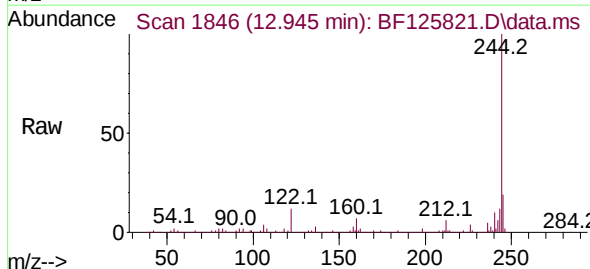


Abundance Scan 1846 (12.945 min): BF125768.D\data.ms (-1879) (-)

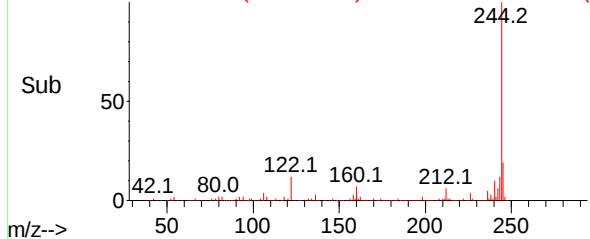


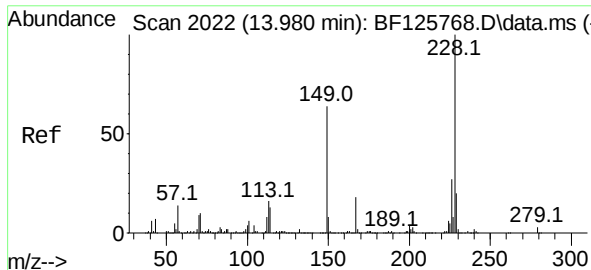
Terphenyl-d14
Concen: 54.790 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Tgt Ion:	244	Resp:	1449570
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.9	8.9
122	11.8	9.0	13.4



Abundance Scan 1846 (12.945 min): BF125821.D\data.ms (-1795) (-)

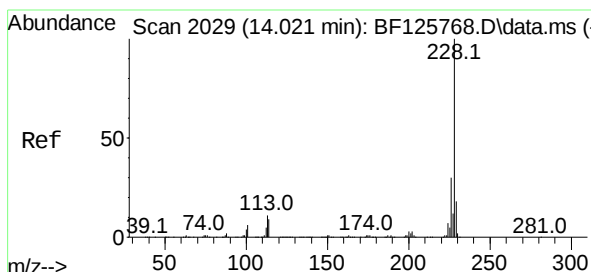
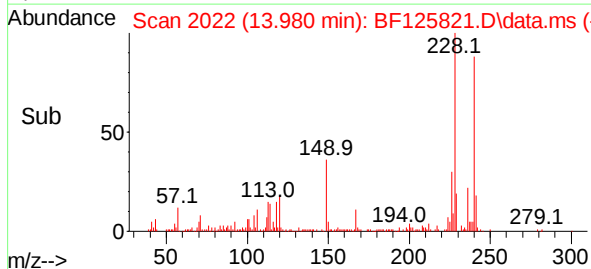
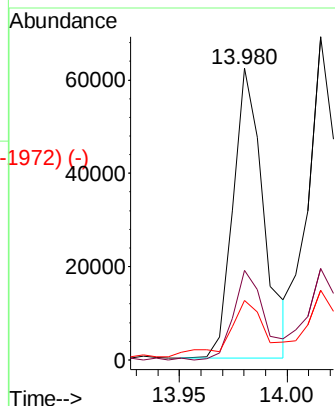
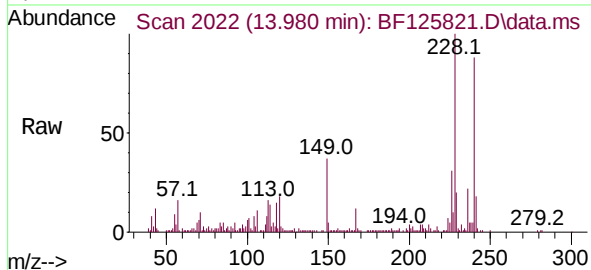




Benzo(a)anthracene
Concen: 2.346 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

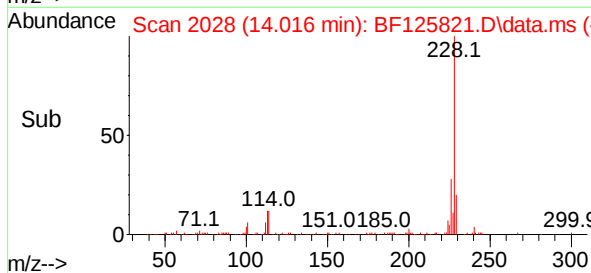
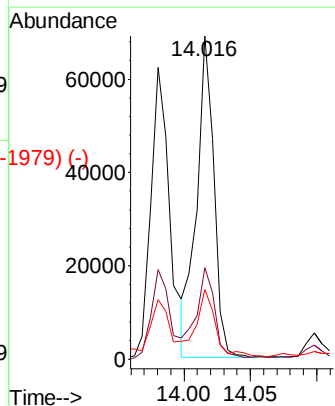
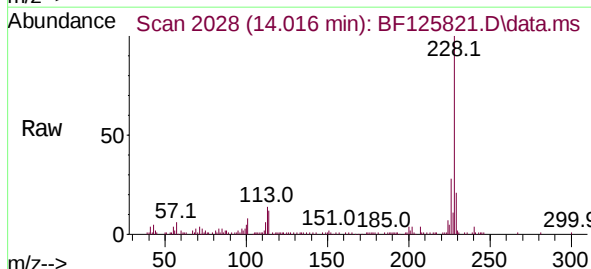
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.6	32.4
229	20.3	15.6	23.4



Chrysene
Concen: 2.435 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

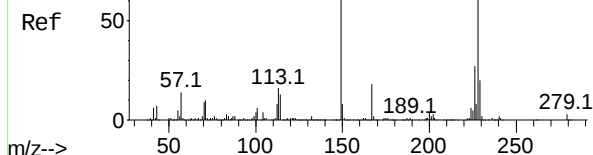
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	21.5	15.9	23.9



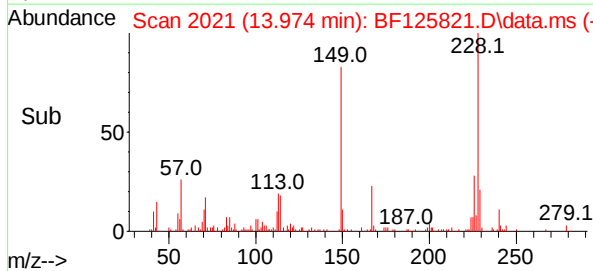
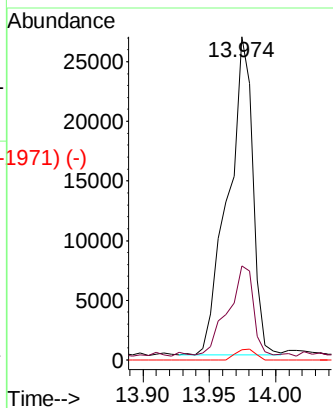
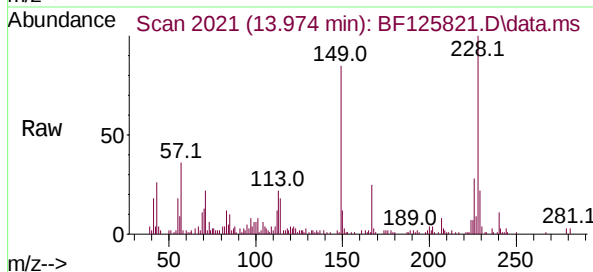
Abundance Scan 2022 (13.980 min): BF125768.D\data.ms (-2084) (-)

Bis(2-ethylhexyl)phthalate
Concen: 2.438 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

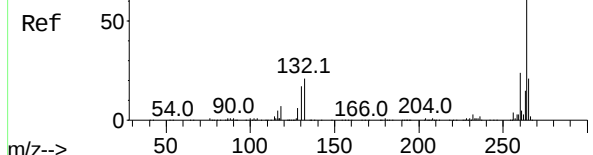


Tgt Ion:	149	Resp:	34817
Ion Ratio	Lower	Upper	
149	100		
167	29.1	21.4	32.0
279	3.2	2.6	4.0

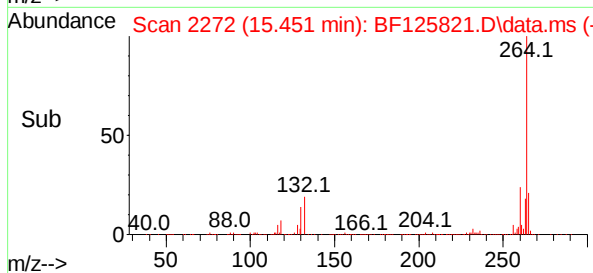
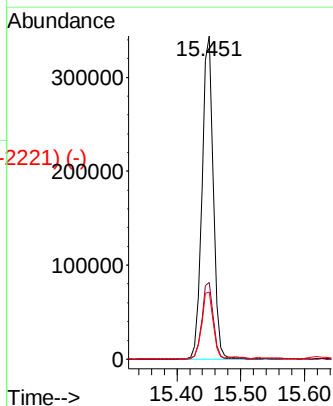
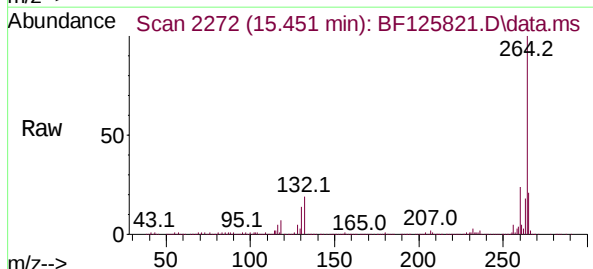


Abundance Scan 2271 (15.445 min): BF125768.D\data.ms (-2685) (-)

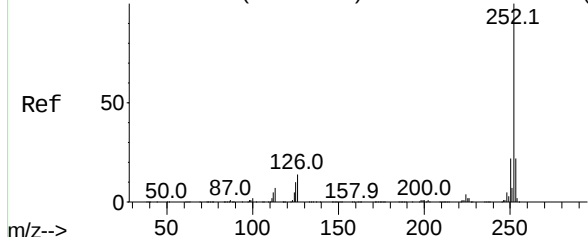
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



Tgt Ion:	264	Resp:	427542
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.6	29.4
265	20.8	17.2	25.8



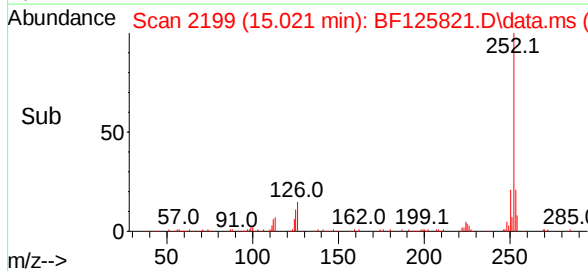
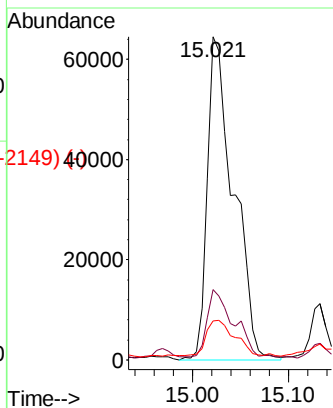
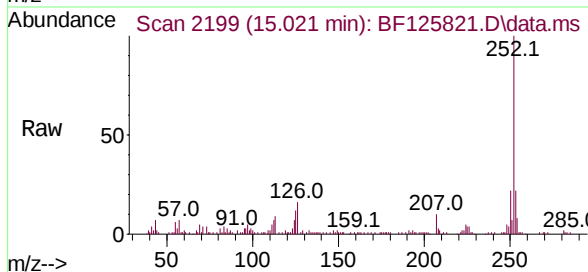
Abundance Scan 2200 (15.027 min): BF125768.D\data.ms (-2158) (-)



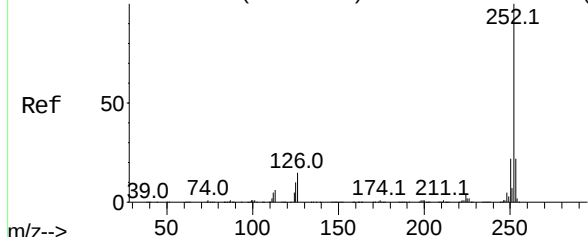
Benzo(b)fluoranthene
Concen: 5.075 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	12.1	9.8	14.8

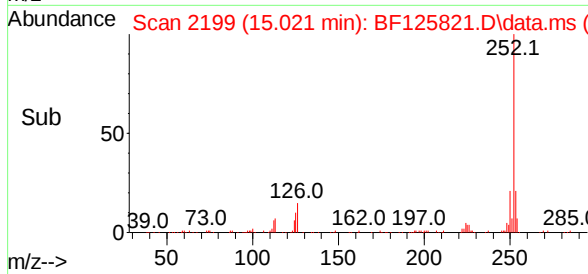
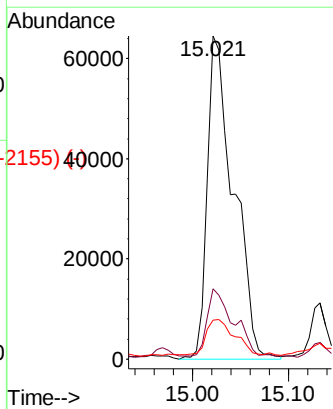
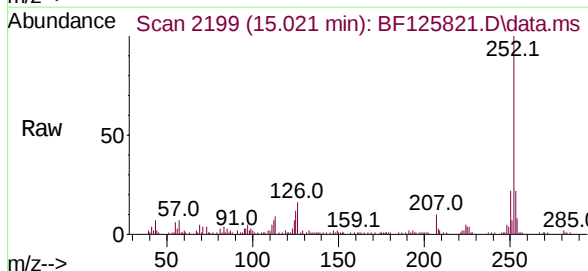


Abundance Scan 2205 (15.056 min): BF125768.D\data.ms (-2159) (-)

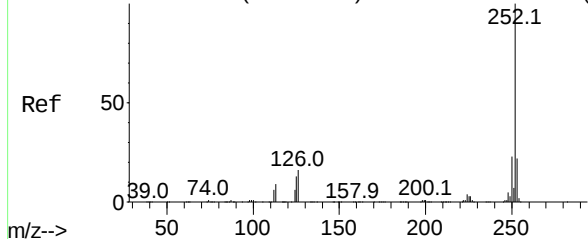


Benzo(k)fluoranthene
Concen: 4.943 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.1	7.2	10.8#



Abundance Scan 2261 (15.386 min): BF125768.D\data.ms (-2259) (-)



Benzo(a)pyrene
Concen: 2.936 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Tgt Ion:	252	Resp:	62751
Ion Ratio	Lower	Upper	
252	100		
253	20.0	18.4	27.6
125	12.5	9.9	14.9

