

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125820.D
 Acq On : 13 Oct 2021 11:36
 Operator : JU/CG
 Sample : M4158-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

Quant Time: Oct 13 13:29:06 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)

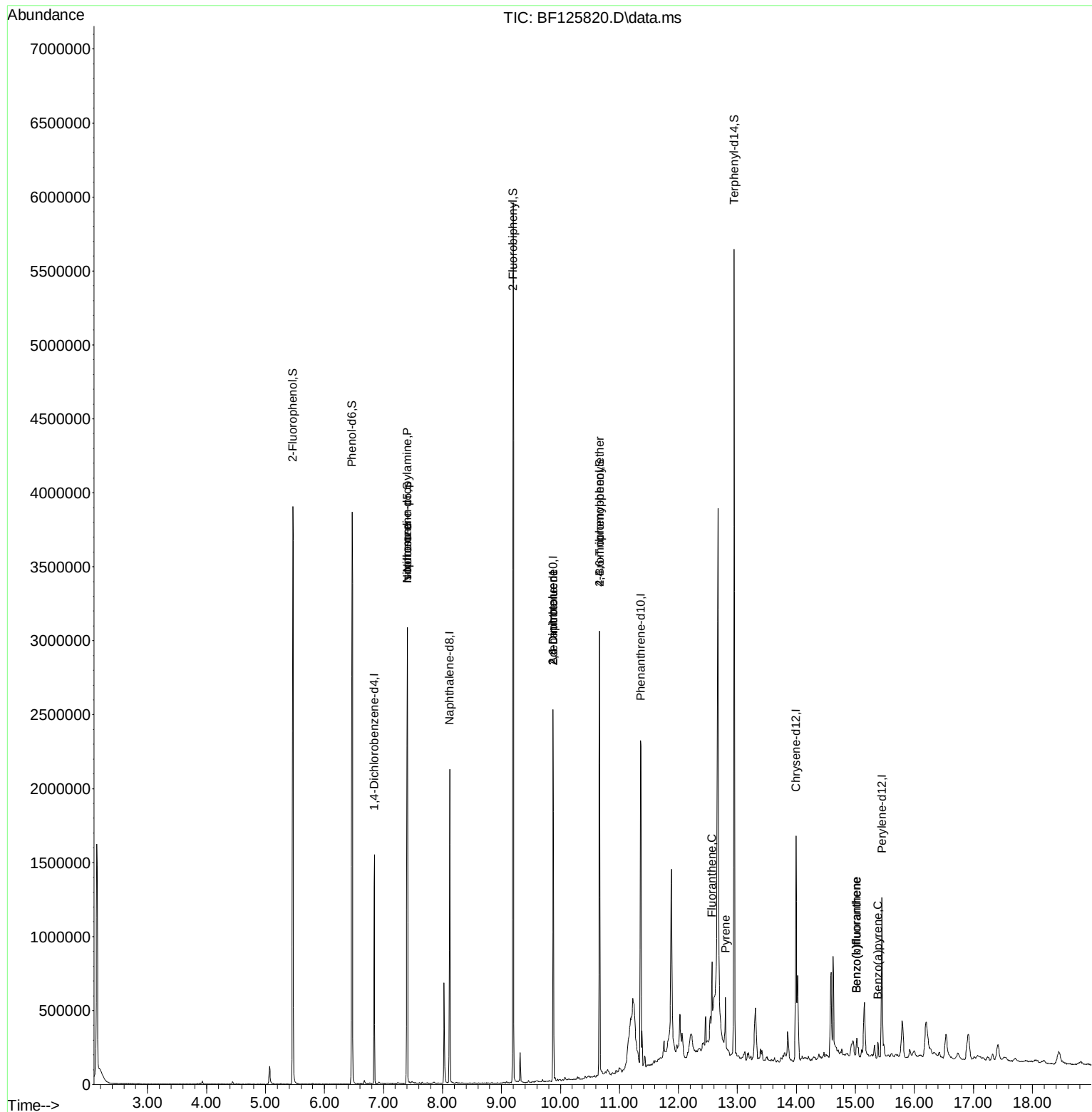
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233168	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	946945	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	504280	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	850730	20.000	ng	0.00
76) Chrysene-d12	13.992	240	462694	20.000	ng	0.00
86) Perylene-d12	15.451	264	480665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1340100	93.890	ng	0.00
7) Phenol-d6	6.469	99	1705989	92.847	ng	0.00
23) Nitrobenzene-d5	7.404	82	1030351	67.635	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	368308	73.975	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1960943	67.071	ng	0.00
79) Terphenyl-d14	12.945	244	1828826	60.208	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	129632	13.365	ng	# 50
25) Isophorone	7.404	82	1027084	38.056	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	65418	9.749	ng	# 27
57) 2,4-Dinitrotoluene	9.874	165	65418	7.711	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	21018	2.231	ng	# 1
75) Fluoranthene	12.568	202	158576	3.861	ng	97
78) Pyrene	12.798	202	135470	2.882	ng	96
88) Benzo(b)fluoranthene	15.021	252	97260	3.584	ng	96
89) Benzo(k)fluoranthene	15.021	252	97260	3.491	ng	# 96
90) Benzo(a)pyrene	15.386	252	50876	2.117	ng	97

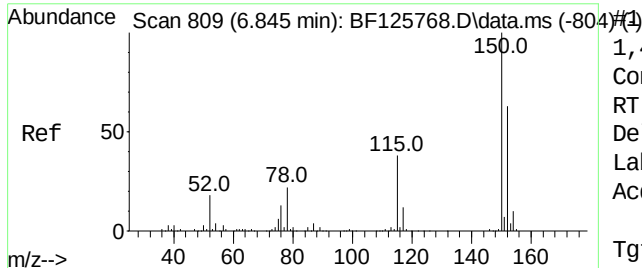
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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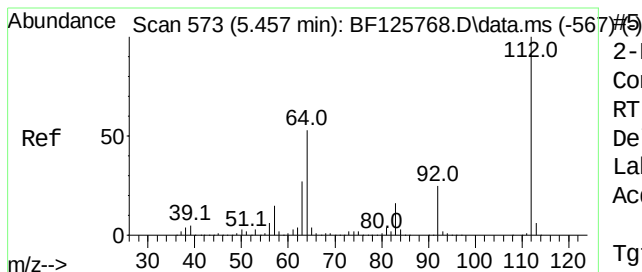
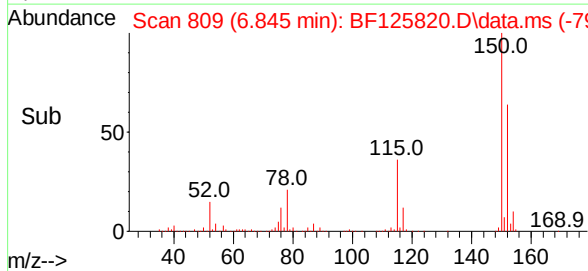
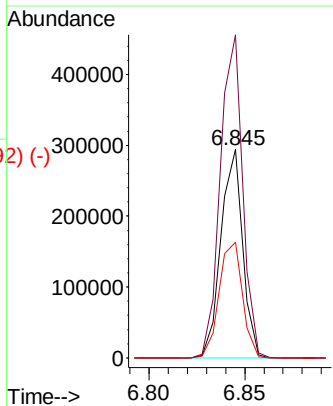
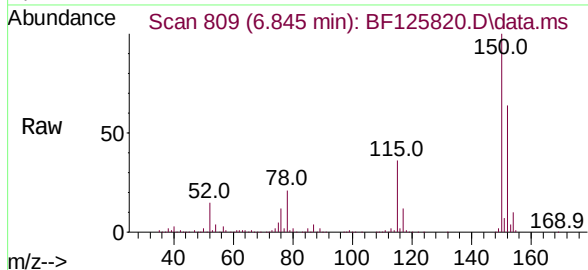




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

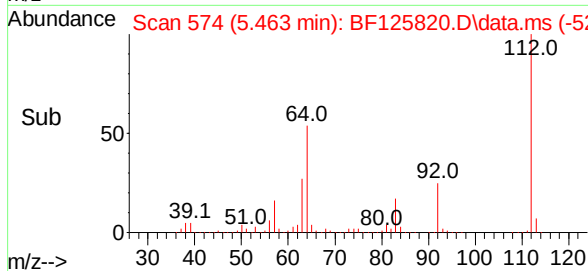
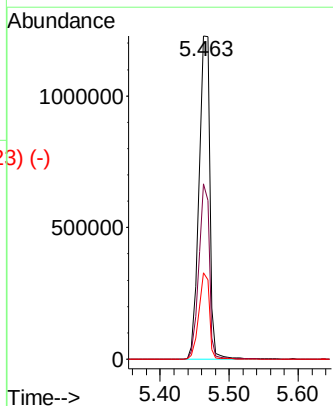
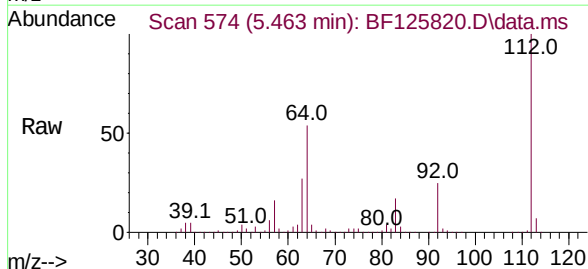
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

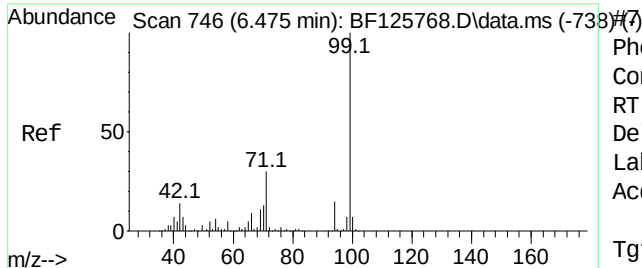
Tgt Ion:152 Resp: 233168
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 55.7 47.1 70.7



2-Fluorophenol
Concen: 93.890 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:112 Resp: 1340100
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 26.7 26.2 39.2

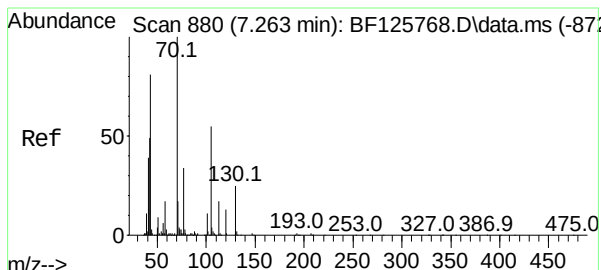
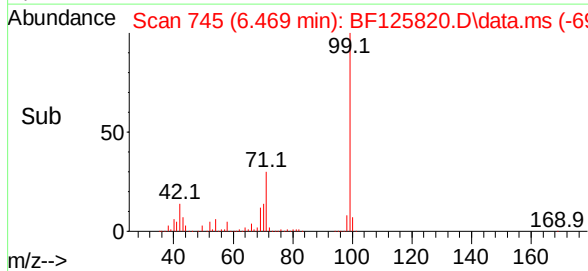
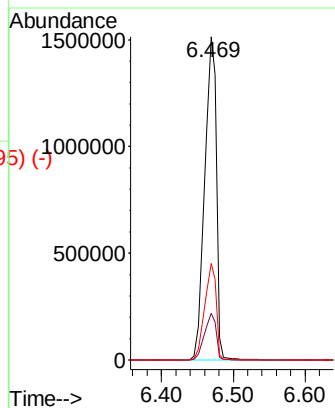
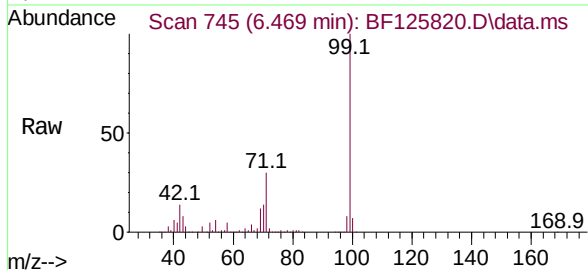




Phenol-d6
 Concen: 92.847 ng
 RT: 6.469 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

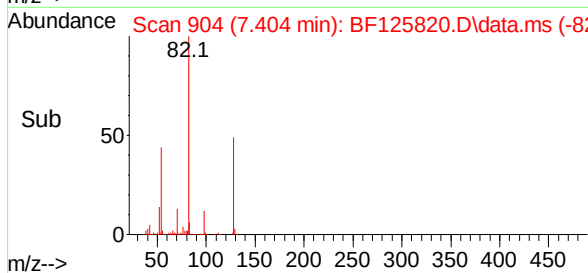
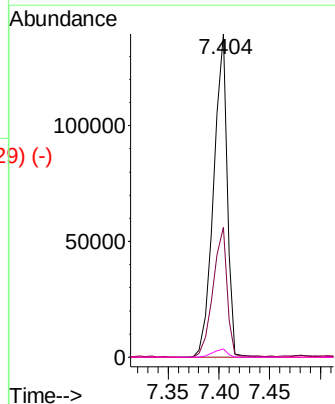
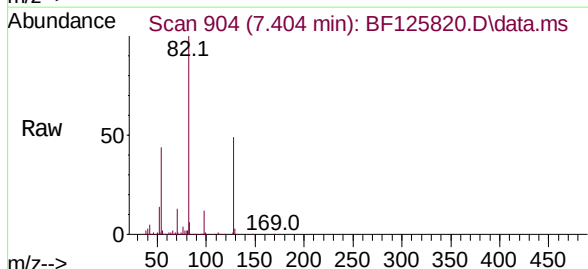
Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

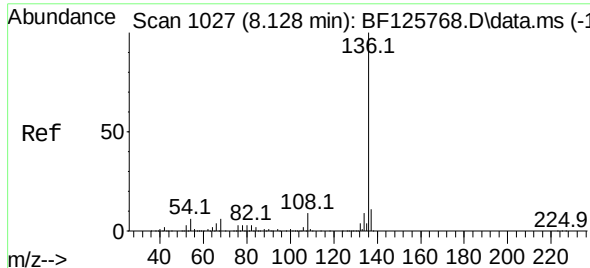
Tgt Ion:	99	Resp:	1705989
Ion	Ratio	Lower	Upper
99	100		
42	14.4	23.5	35.3#
71	30.0	25.6	38.4



n-Nitroso-di-n-propylamine
 Concen: 13.365 ng
 RT: 7.404 min Scan# 904
 Delta R.T. 0.141 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

Tgt Ion:	70	Resp:	129632
Ion	Ratio	Lower	Upper
70	100		
42	40.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#

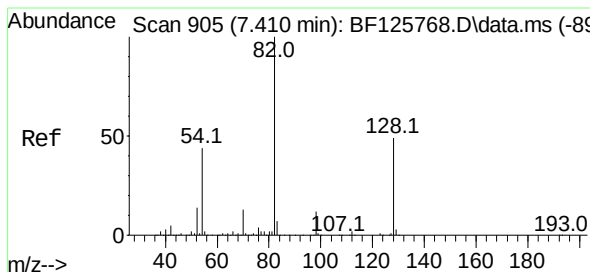
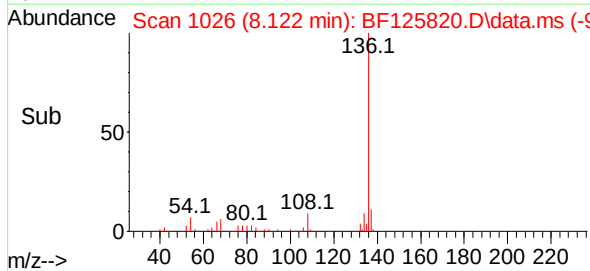
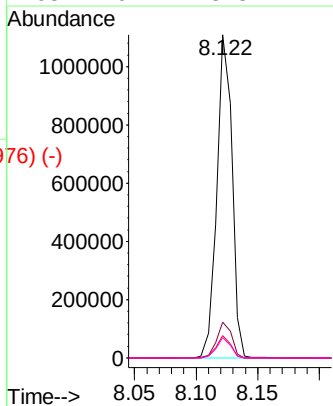
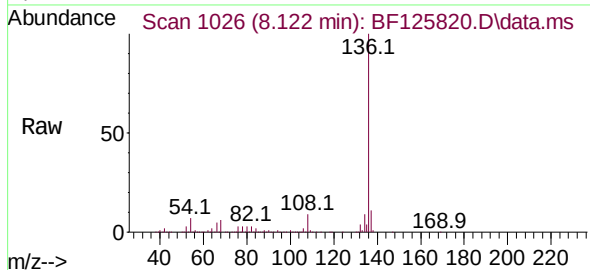




Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

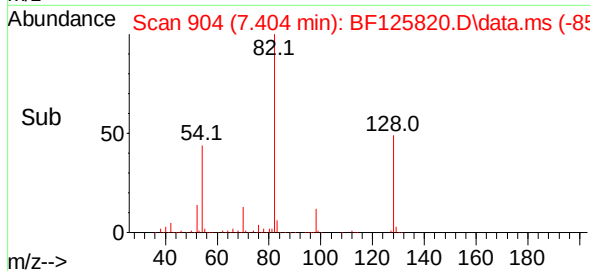
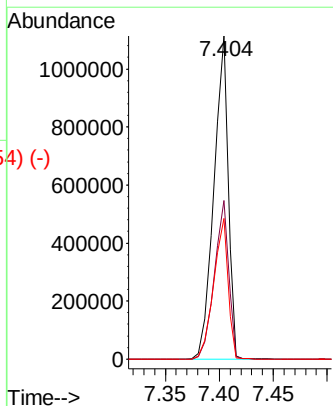
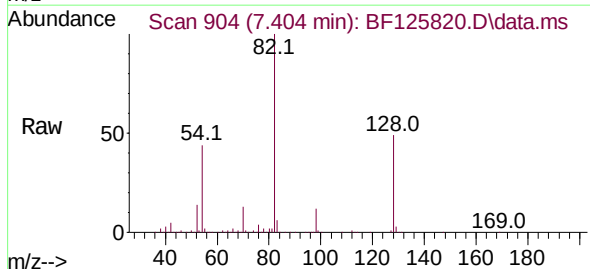
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T3-COMP-(1-4)

Tgt Ion:	136	Resp:	946945
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	6.9	6.4	9.6
68	6.2	3.3	4.9#

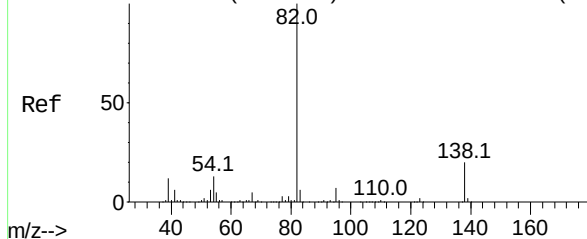


Nitrobenzene-d5
Concen: 67.635 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:	82	Resp:	1030351
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	43.5	49.6	74.4#



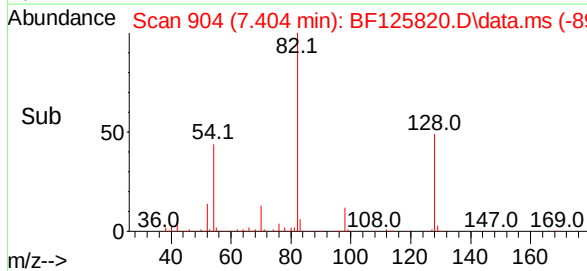
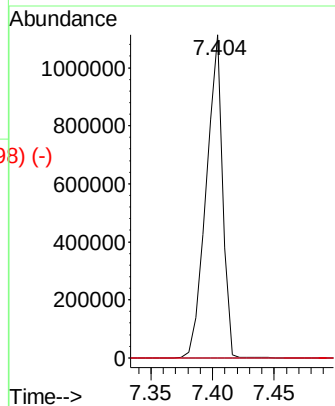
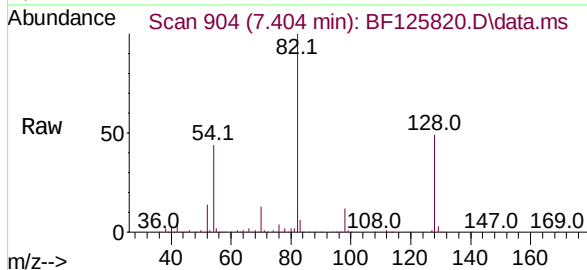
Abundance Scan 949 (7.669 min): BF125768.D\data.ms (-942) #25



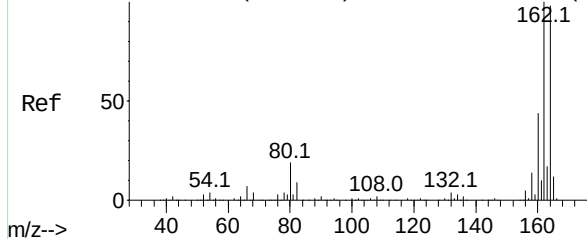
Isophorone
Concen: 38.056 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion: 82 Resp: 1027084
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

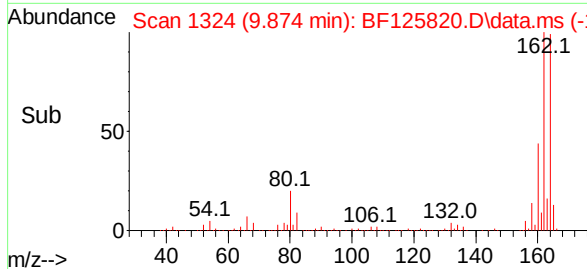
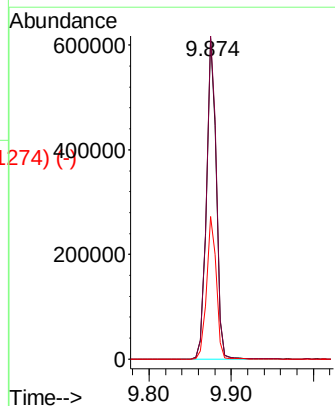
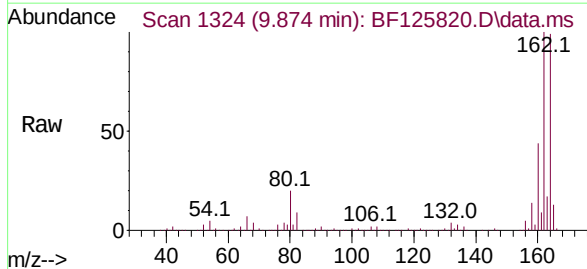


Abundance Scan 1325 (9.880 min): BF125768.D\data.ms (-1329) #39

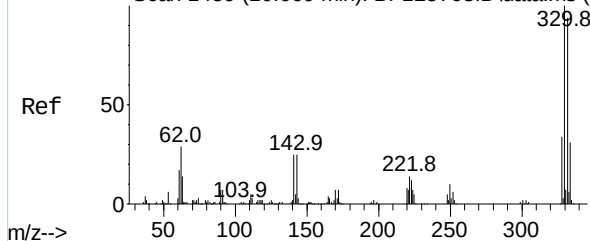


Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion: 164 Resp: 504280
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.5 38.0 57.0



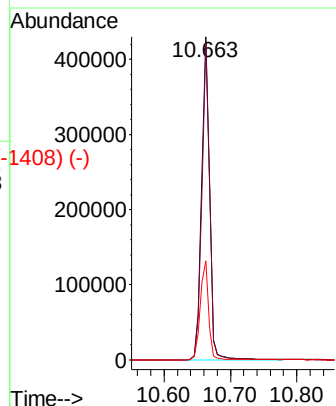
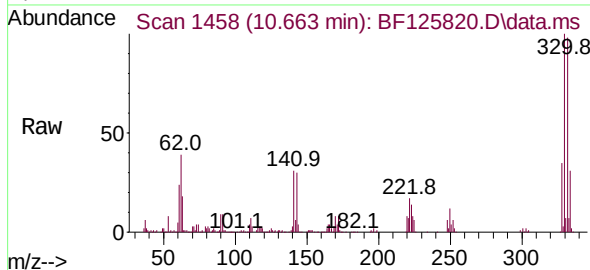
Abundance Scan 1459 (10.669 min): BF125768.D\data.ms (-1459) (-)



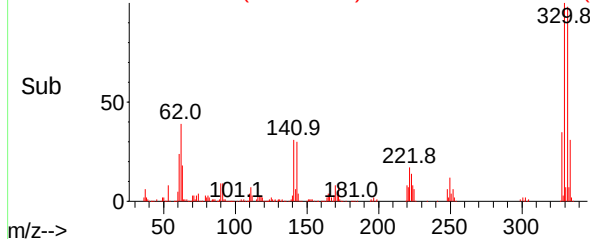
2,4,6-Tribromophenol
Concen: 73.975 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

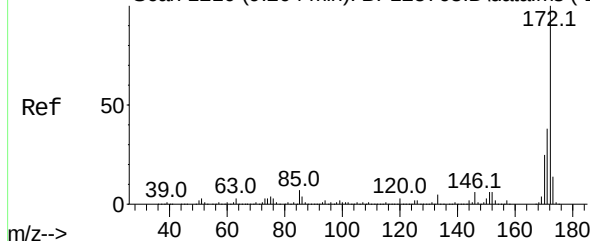
Tgt Ion:	330	Resp:	368308
Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	31.8	44.6	66.8#



Abundance Scan 1458 (10.663 min): BF125820.D\data.ms (-1408) (-)

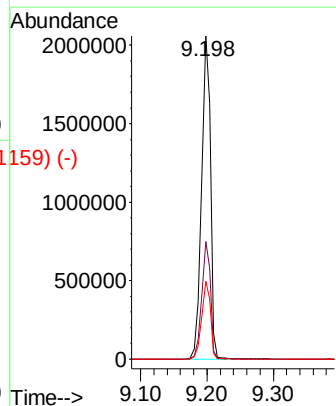
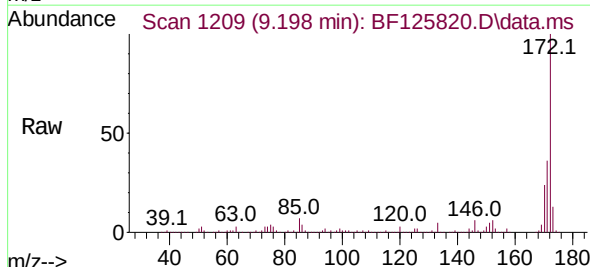


Abundance Scan 1210 (9.204 min): BF125768.D\data.ms (-1204) (-)

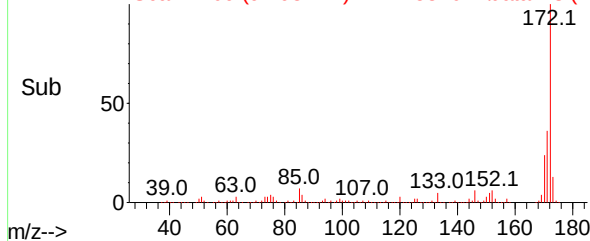


2-Fluorobiphenyl
Concen: 67.071 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

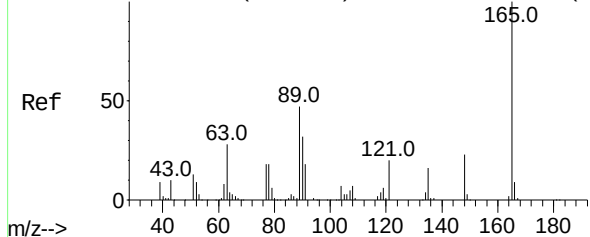
Tgt Ion:	172	Resp:	1960943
Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.5	39.7
170	24.2	18.8	28.2



Abundance Scan 1209 (9.198 min): BF125820.D\data.ms (-1159) (-)



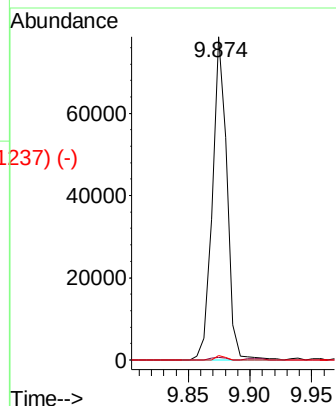
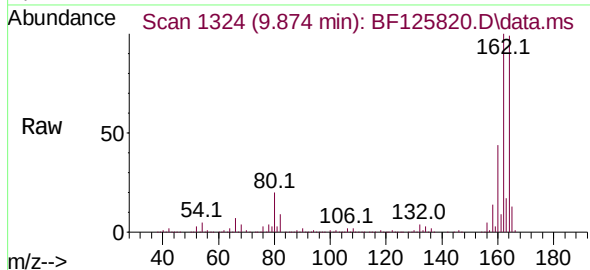
Abundance Scan 1288 (9.663 min): BF125768.D\data.ms (-1285) (-)



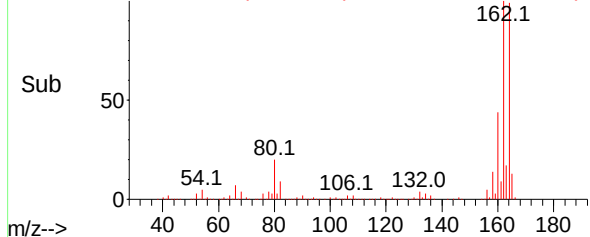
2,6-Dinitrotoluene
Concen: 9.749 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
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ClientSampleId :
T3-COMP-(1-4)

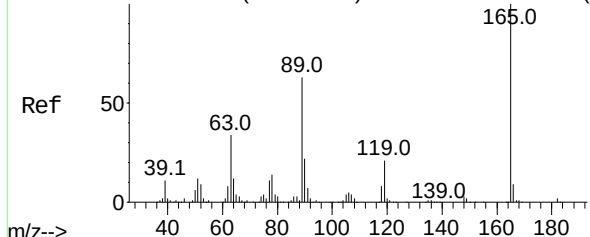
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	42.6	63.8#
89	1.3	40.6	60.8#



Abundance Scan 1324 (9.874 min): BF125820.D\data.ms (-1237) (-)

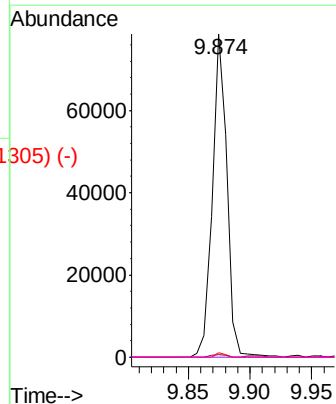
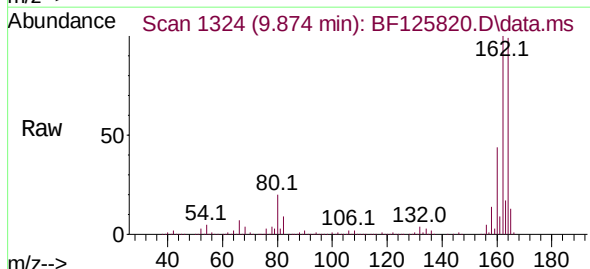


Abundance Scan 1356 (10.063 min): BF125768.D\data.ms (-1350) (-)

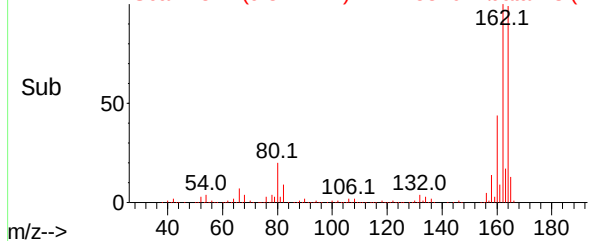


2,4-Dinitrotoluene
Concen: 7.711 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.9	61.3#
89	1.3	59.7	89.5#
182	0.0	0.0	0.0



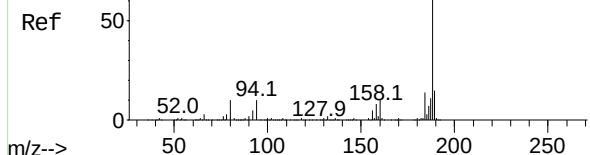
Abundance Scan 1324 (9.874 min): BF125820.D\data.ms (-1305) (-)



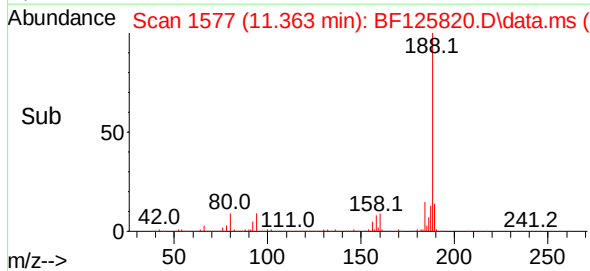
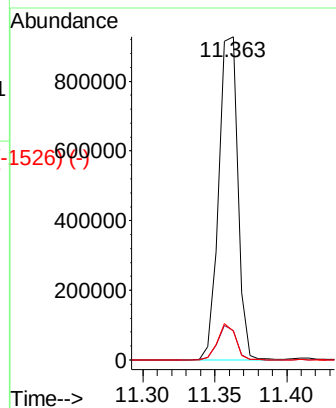
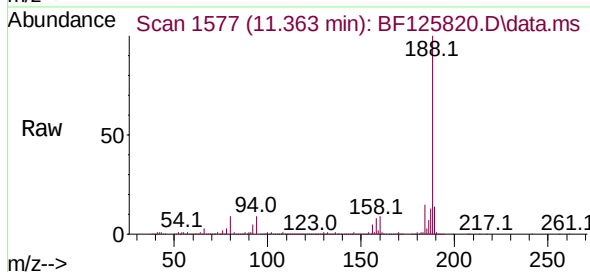
Abundance Scan 1577 (11.363 min): BF125768.D\data.ms (-1574) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
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ClientSampleId :
T3-COMP-(1-4)

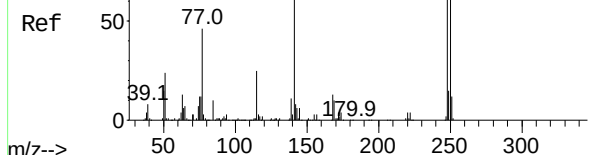


Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	8.9	7.5	11.3

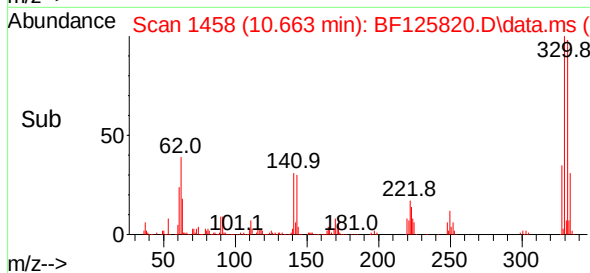
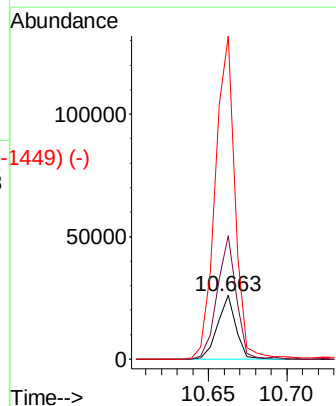
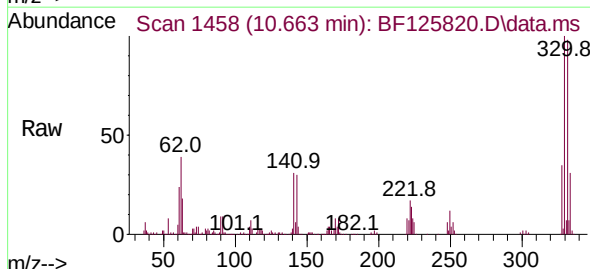


Abundance Scan 1500 (10.910 min): BF125768.D\data.ms (-1457) (-)

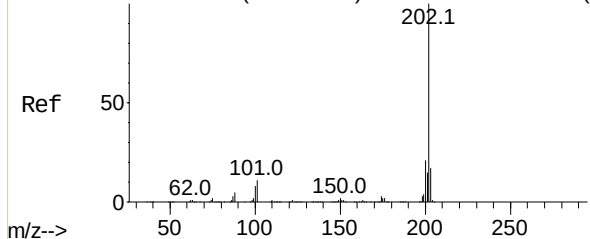
4-Bromophenyl-phenylether
Concen: 2.231 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.1	74.2	111.4#
141	506.1	60.4	90.6#



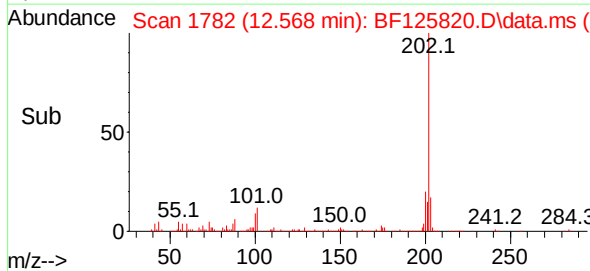
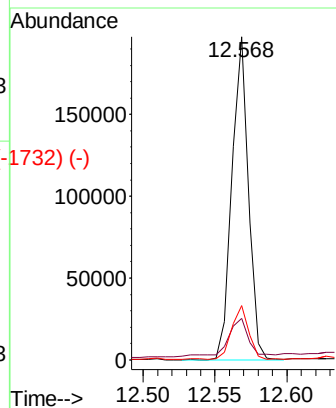
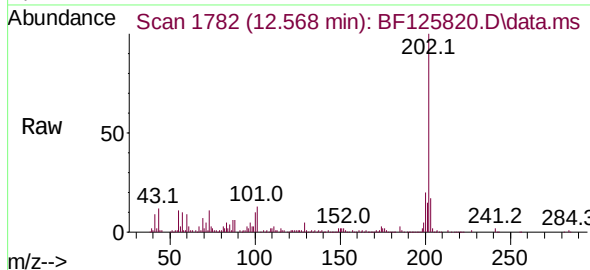
Abundance Scan 1783 (12.574 min): BF125768.D\data.ms (-1783) (-)



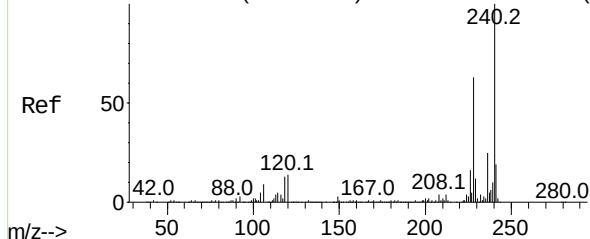
Fluoranthene
Concen: 3.861 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion:	202	Resp:	158576
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.7
203	16.8	0.0	36.3

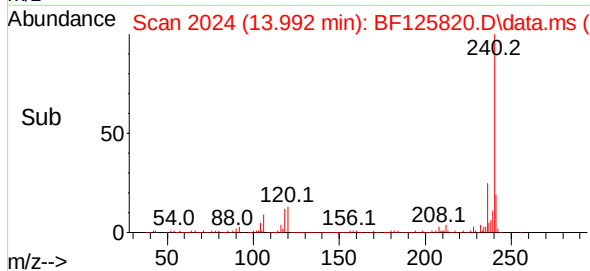
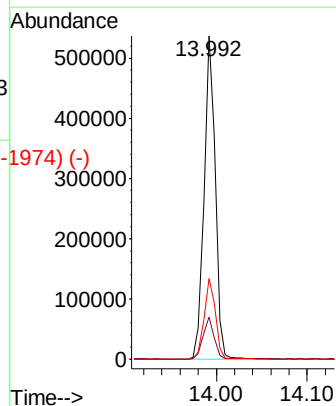
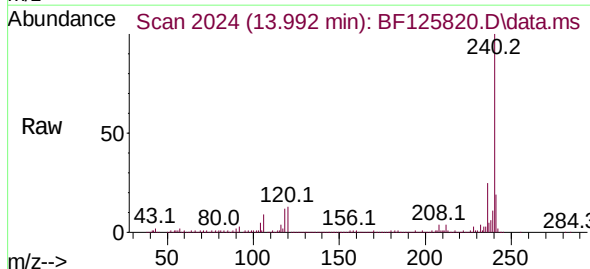


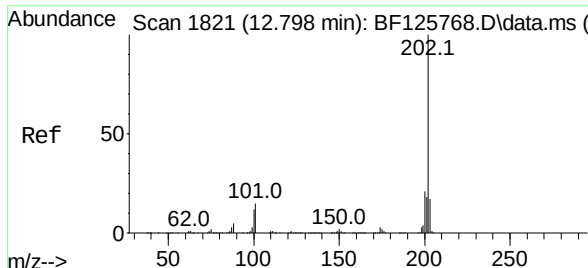
Abundance Scan 2024 (13.992 min): BF125768.D\data.ms (-2024) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:	240	Resp:	462694
Ion Ratio	Lower	Upper	
240	100		
120	13.0	10.8	16.2
236	25.0	21.6	32.4

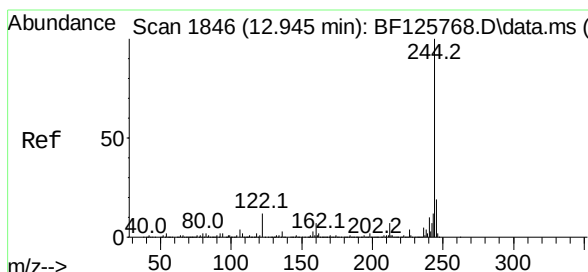
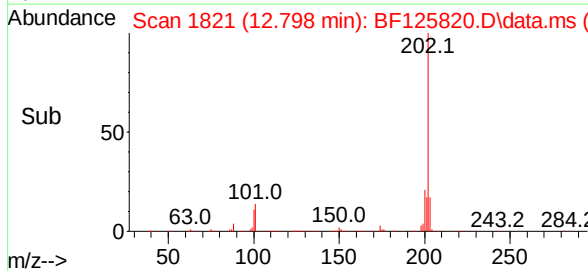
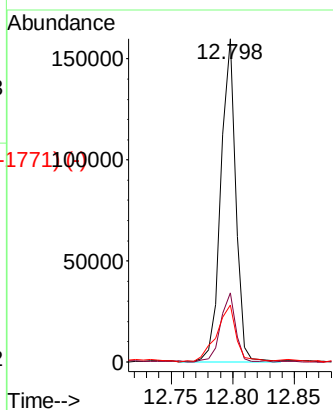
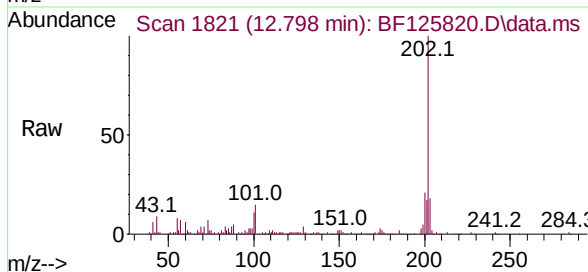




Pyrene
 Concen: 2.882 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

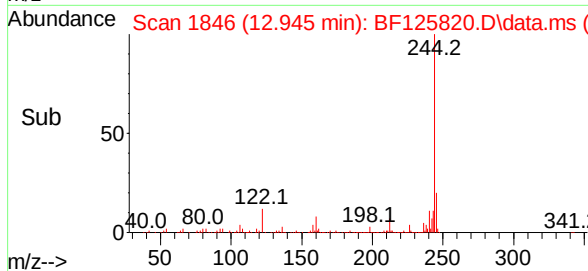
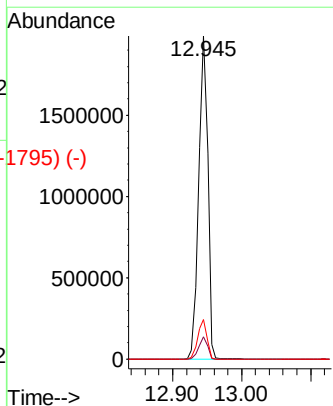
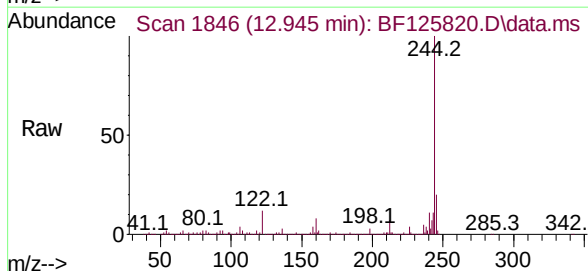
Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

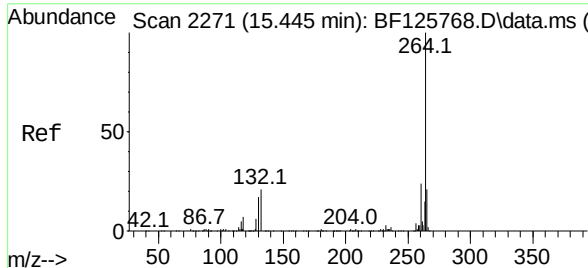
Tgt Ion:	202	Resp:	135470
Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.3	22.9
203	17.7	13.4	20.0



Terphenyl-d14
 Concen: 60.208 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

Tgt Ion:	244	Resp:	1828826
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	12.3	9.0	13.4

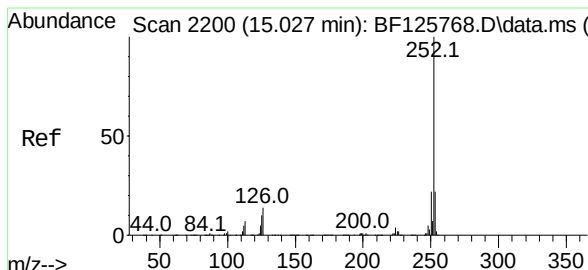
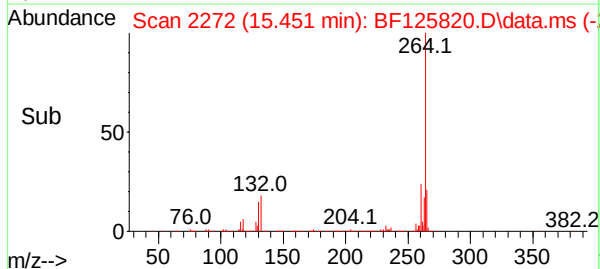
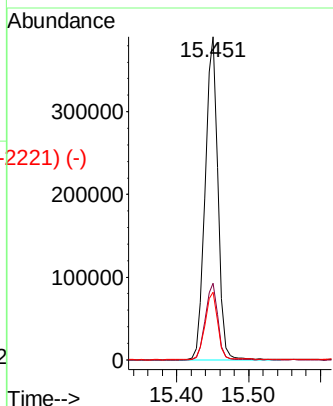
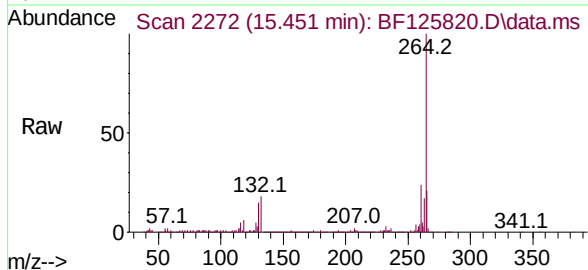




Scan 2271 (15.445 min): BF125768.D\data.ms (-2285) (-)
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

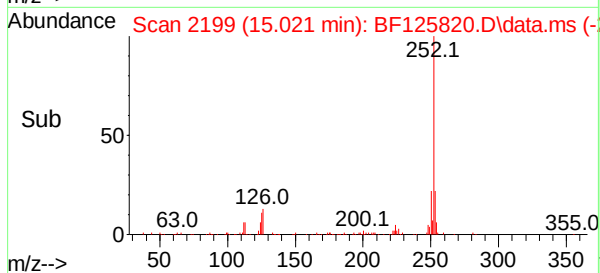
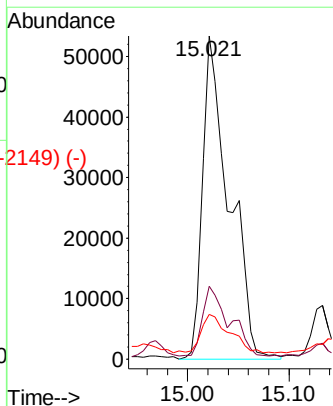
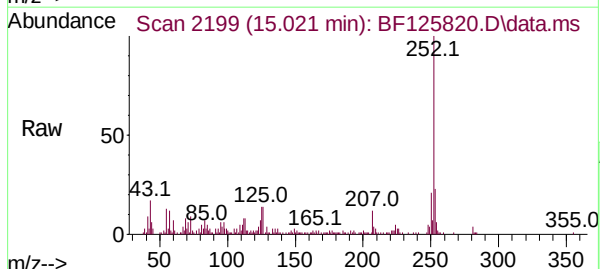
Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

Tgt Ion:	264	Resp:	480665
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.6	29.4
265	21.0	17.2	25.8

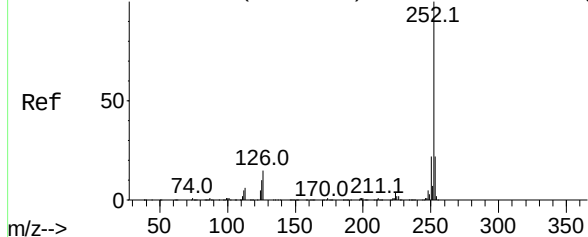


Scan 2200 (15.027 min): BF125768.D\data.ms (-2188) (-)
 Benzo(b)fluoranthene
 Concen: 3.584 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF125820.D
 Acq: 13 Oct 2021 11:36

Tgt Ion:	252	Resp:	97260
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.8	25.2
125	13.9	9.8	14.8



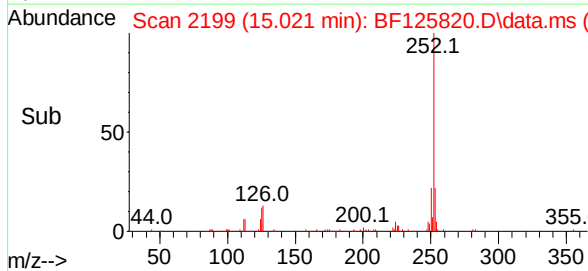
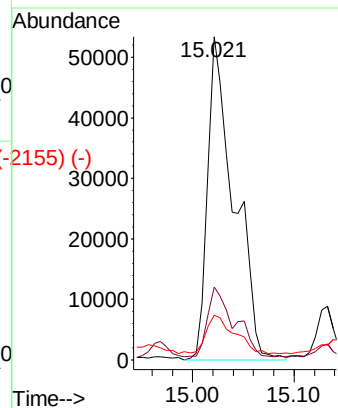
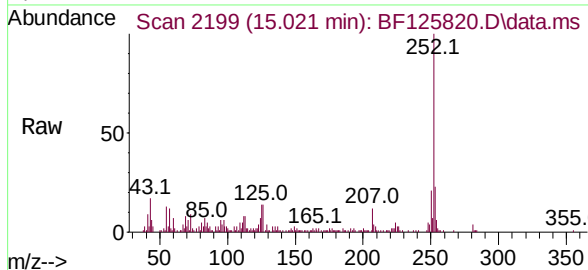
Abundance Scan 2205 (15.056 min): BF125768.D\data.ms (-2205) (-)



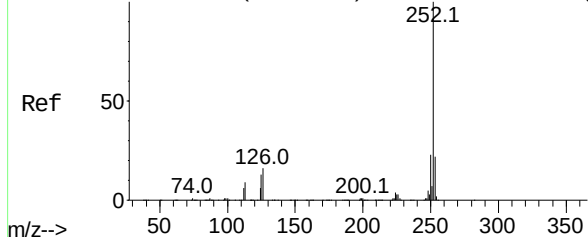
Benzo(k)fluoranthene
Concen: 3.491 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion:	252	Resp:	97260
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	13.9	7.2	10.8#



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



Benzo(a)pyrene
Concen: 2.117 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:	252	Resp:	50876
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.6	9.9	14.9

