

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125842.D
 Acq On : 14 Oct 2021 13:52
 Operator : JU/CG
 Sample : M4142-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

Quant Time: Oct 14 15:28:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

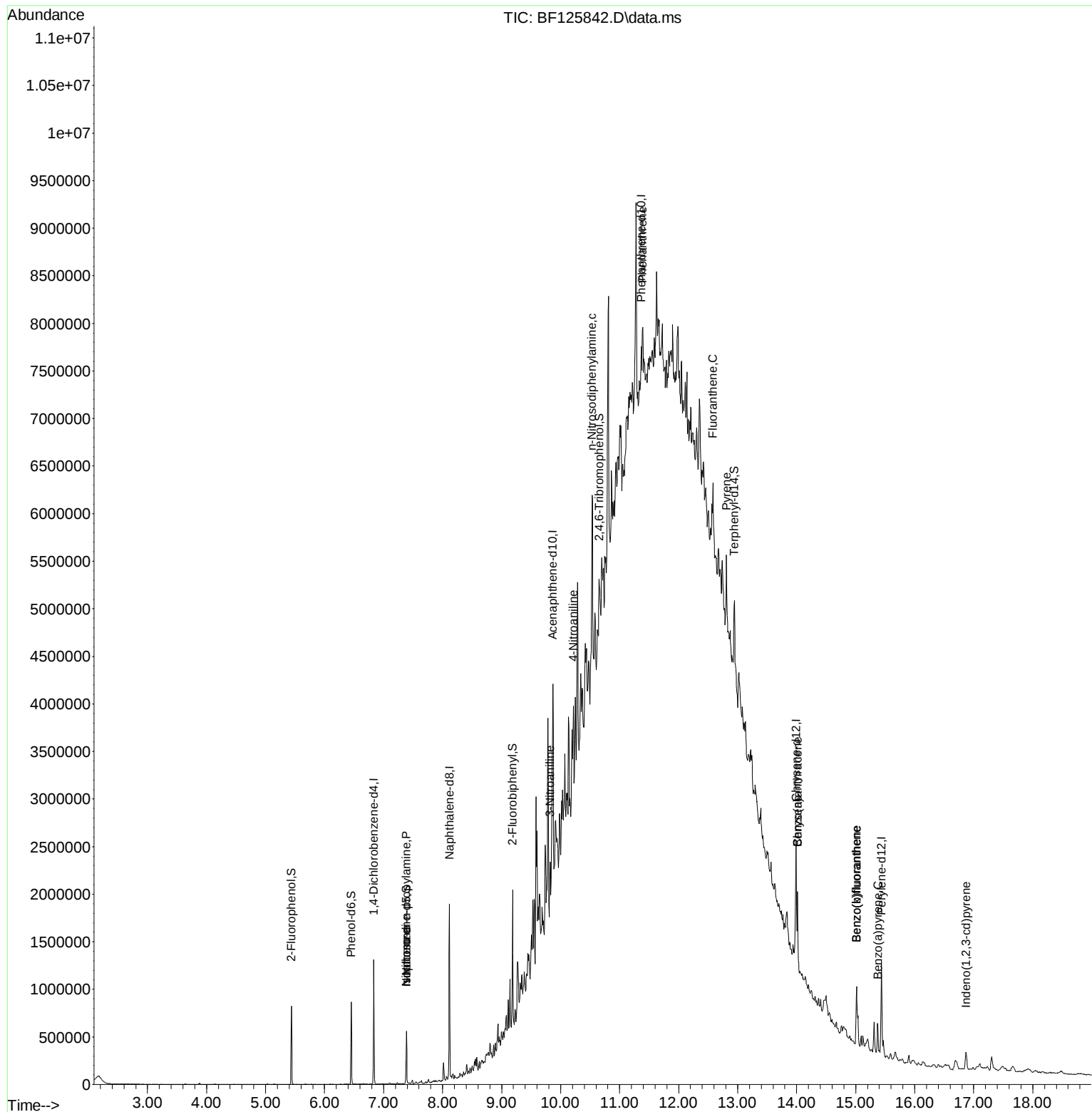
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	189590	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	762286	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	359701	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	409507	20.000	ng	# 0.02
76) Chrysene-d12	13.992	240	389459	20.000	ng	0.00
86) Perylene-d12	15.439	264	441763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	225373	19.420	ng	-0.01
7) Phenol-d6	6.451	99	279677	18.720	ng	-0.01
23) Nitrobenzene-d5	7.386	82	157236	12.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	61045	17.189	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	342909	16.443	ng	0.00
79) Terphenyl-d14	12.945	244	237068	9.272	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	20586	2.610	ng	# 51
25) Isophorone	7.386	82	156583	7.207	ng	# 59
53) 3-Nitroaniline	9.821	138	13461	2.379	ng	# 32
62) 4-Nitroaniline	10.216	138	12066	2.307	ng	97
66) n-Nitrosodiphenylamine	10.533	169	72046	5.157	ng	# 49
71) Phenanthrene	11.392	178	194906	8.896	ng	# 76
75) Fluoranthene	12.580	202	344199	17.410	ng	93
78) Pyrene	12.810	202	368560	9.315	ng	# 94
81) Benzo(a)anthracene	14.015	228	310909	12.305	ng	95
83) Chrysene	14.015	228	310909	12.449	ng	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	120475	3.573	ng	92
88) Benzo(b)fluoranthene	15.015	252	428960	17.199	ng	96
89) Benzo(k)fluoranthene	15.015	252	428960	16.752	ng	# 95
90) Benzo(a)pyrene	15.374	252	160824	7.282	ng	99

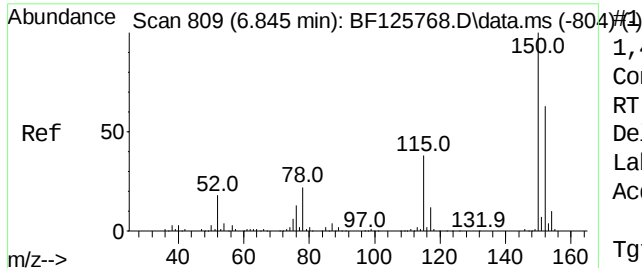
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Quant Time: Oct 14 15:28:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

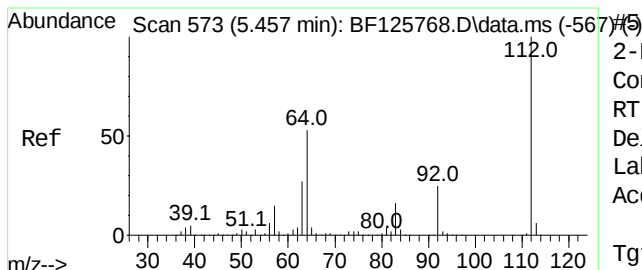
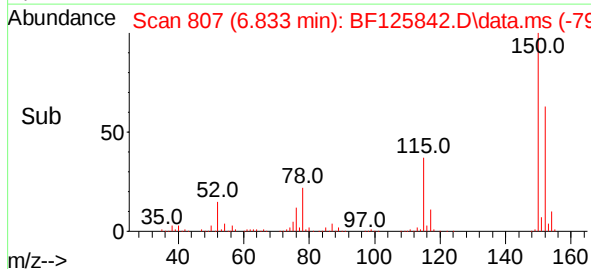
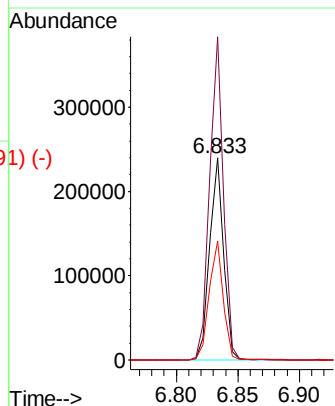
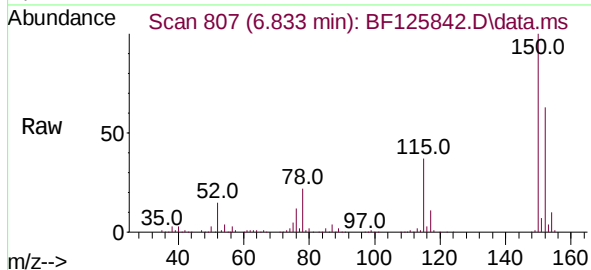




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

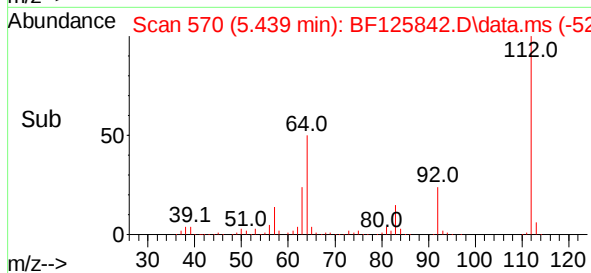
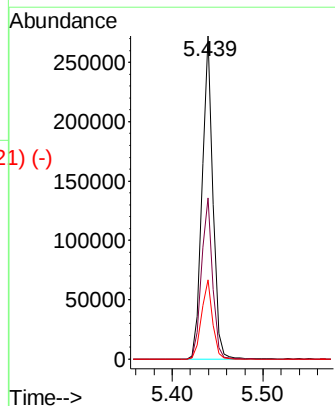
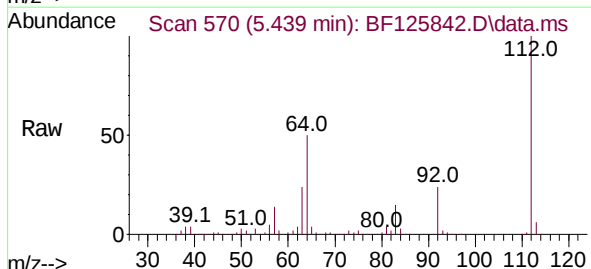
Instrument :
BNA_F
ClientSampleId :
ETGI-330

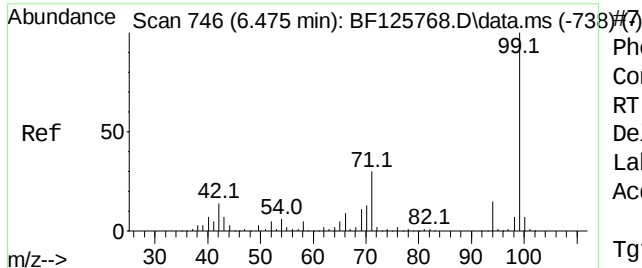
Tgt Ion:	152	Resp:	189590
Ion	Ratio	Lower	Upper
152	100		
150	159.8	117.6	176.4
115	58.8	47.1	70.7



2-Fluorophenol
Concen: 19.420 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:	112	Resp:	225373
Ion	Ratio	Lower	Upper
112	100		
64	49.9	44.2	66.2
63	24.4	26.2	39.2#

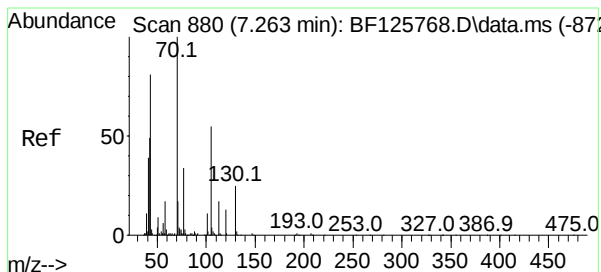
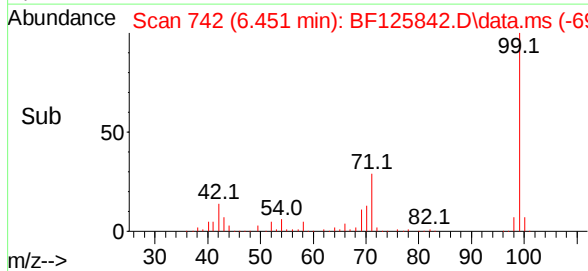
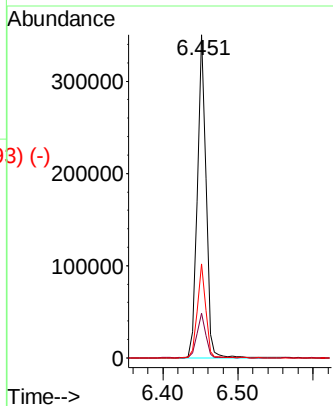
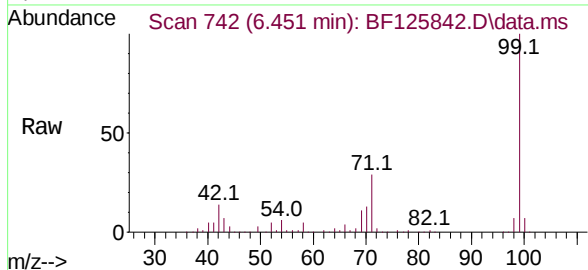




Phenol-d6
 Concen: 18.720 ng
 RT: 6.451 min Scan# 742
 Delta R.T. -0.012 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

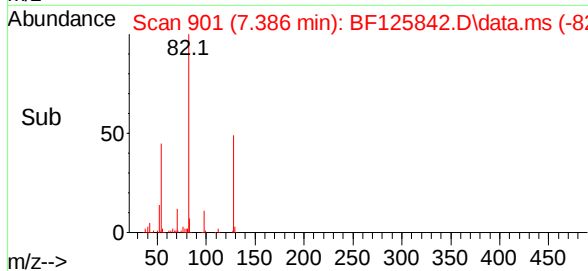
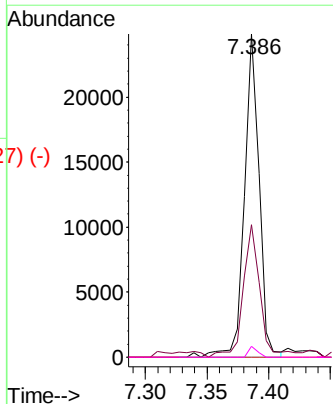
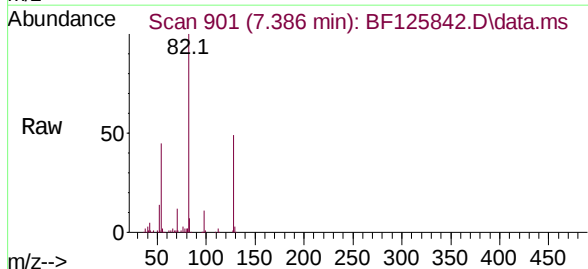
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

Tgt Ion:	99	Resp:	279677
Ion	Ratio	Lower	Upper
99	100		
42	13.9	23.5	35.3#
71	29.0	25.6	38.4

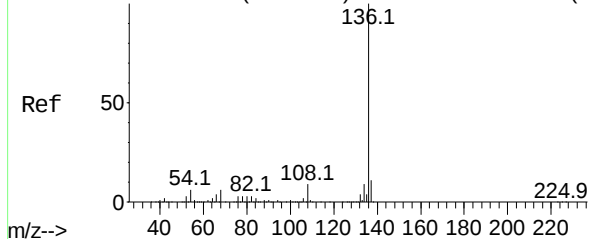


n-Nitroso-di-n-propylamine
 Concen: 2.610 ng
 RT: 7.386 min Scan# 901
 Delta R.T. 0.135 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Tgt Ion:	70	Resp:	20586
Ion	Ratio	Lower	Upper
70	100		
42	40.9	72.2	108.2#
101	0.0	7.8	11.8#
130	3.4	21.8	32.6#



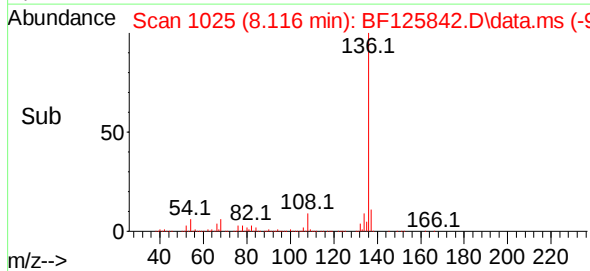
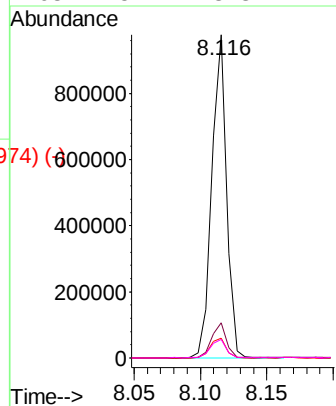
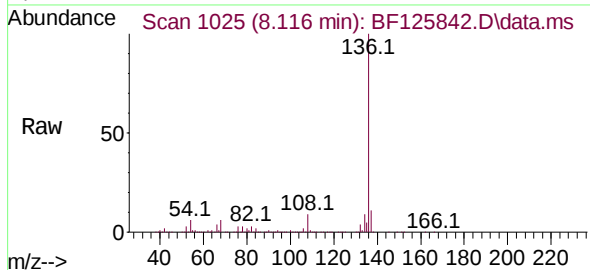
Abundance Scan 1027 (8.128 min): BF125768.D\data.ms (-1021)



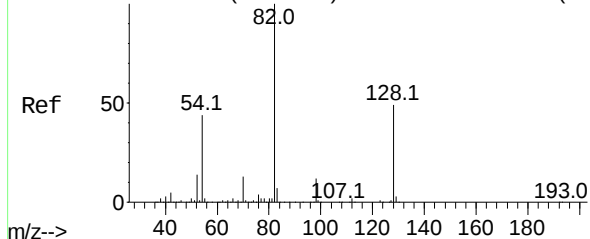
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Tgt Ion:	136	Resp:	762286
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.2	6.4	9.6#
68	5.7	3.3	4.9#

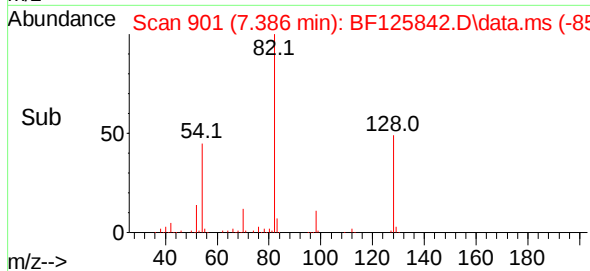
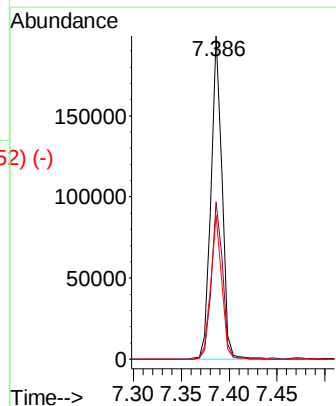
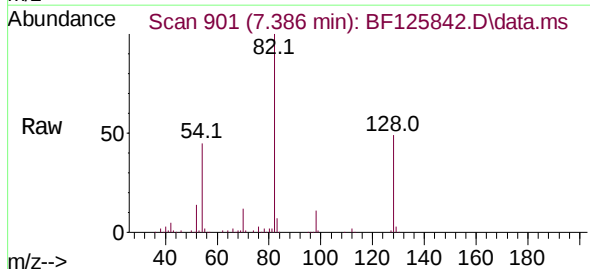


Abundance Scan 905 (7.410 min): BF125768.D\data.ms (-899) (-)

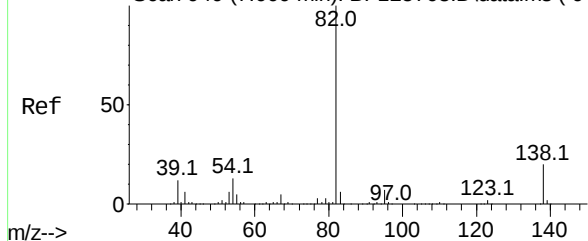


Nitrobenzene-d5
Concen: 12.822 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:	82	Resp:	157236
Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.6	60.8
54	44.6	49.6	74.4#



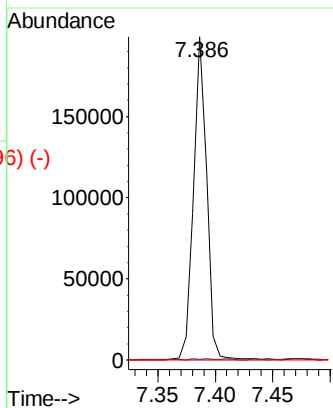
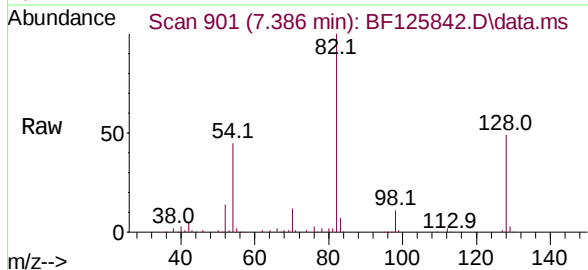
Abundance Scan 949 (7.669 min): BF125768.D\data.ms (-942) #25



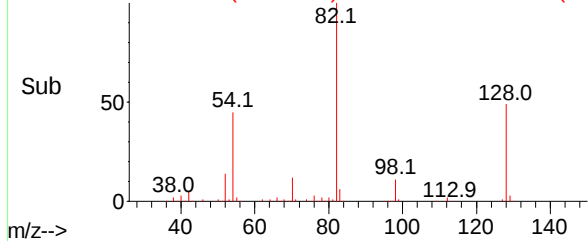
Isophorone
Concen: 7.207 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Instrument :
BNA_F
ClientSampleId :
ETGI-330

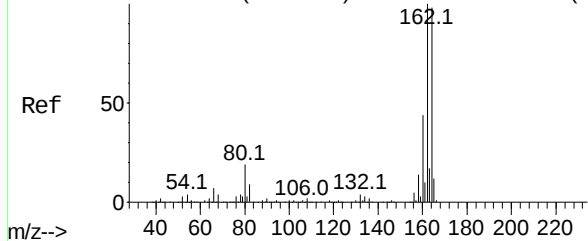
Tgt Ion:	82	Resp:	156583
Ion	Ratio	Lower	Upper
82	100		
95	0.3	6.5	9.7#
138	0.0	18.4	27.6#



Abundance Scan 901 (7.386 min): BF125842.D\data.ms (-896) (-)

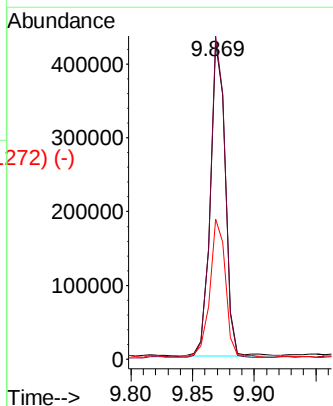
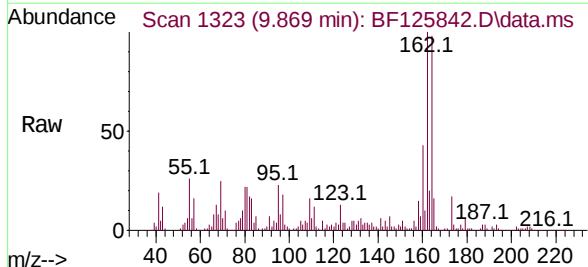


Abundance Scan 1325 (9.880 min): BF125768.D\data.ms (-1329) #39

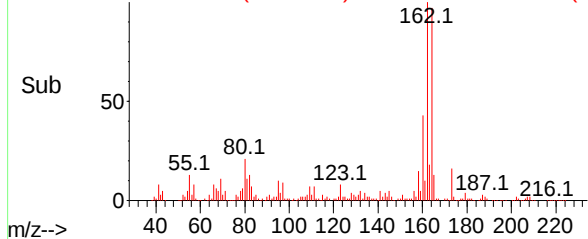


Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

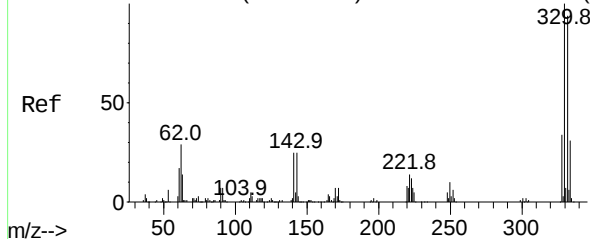
Tgt Ion:	164	Resp:	359701
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	44.1	38.0	57.0



Abundance Scan 1323 (9.869 min): BF125842.D\data.ms (-1272) (-)



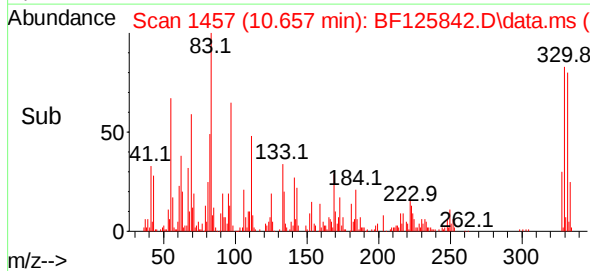
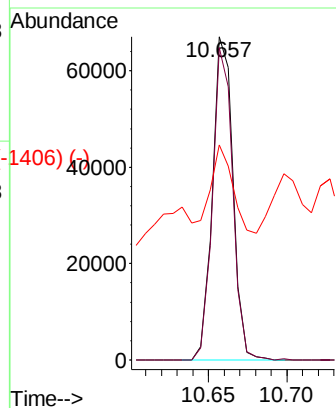
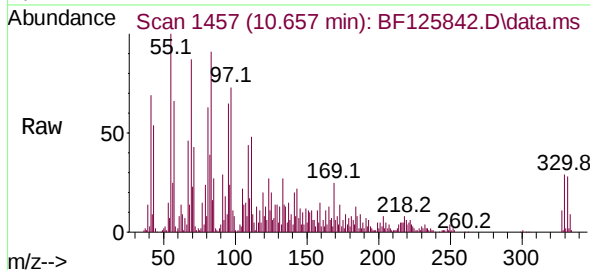
Abundance Scan 1459 (10.669 min): BF125768.D\data.ms (-1459)



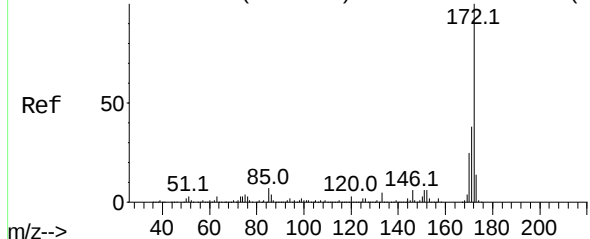
2,4,6-Tribromophenol
Concen: 17.189 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Tgt Ion:	330	Resp:	61045
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.2	114.4
141	28.8	44.6	66.8#

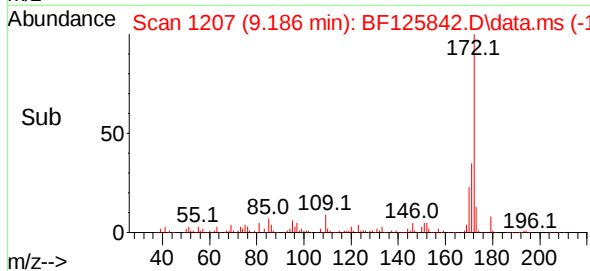
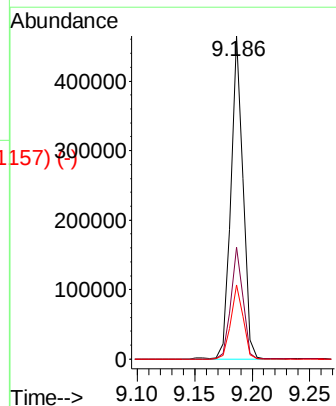
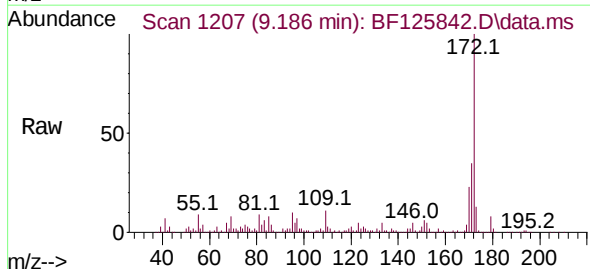


Abundance Scan 1210 (9.204 min): BF125768.D\data.ms (-1204)

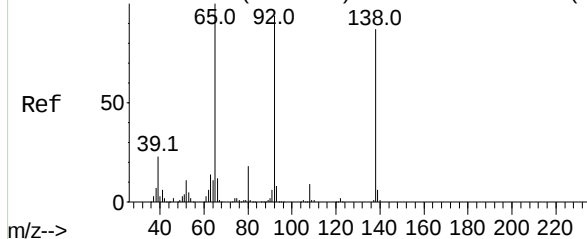


2-Fluorobiphenyl
Concen: 16.443 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:	172	Resp:	342909
Ion Ratio	Lower	Upper	
172	100		
171	34.6	26.5	39.7
170	23.0	18.8	28.2



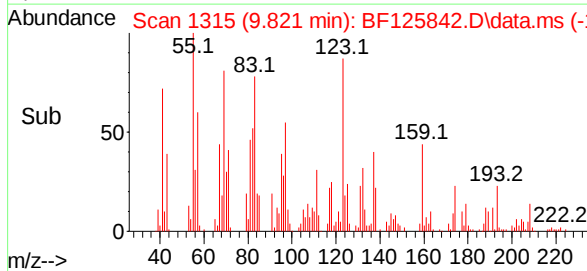
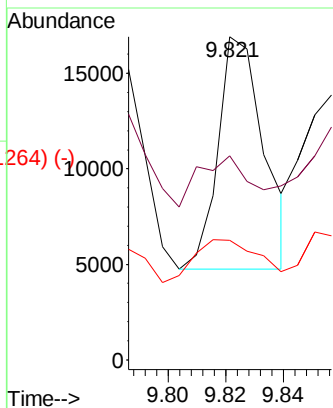
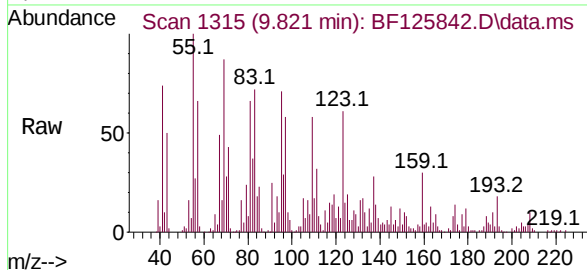
Abundance Scan 1316 (9.827 min): BF125768.D\data.ms (-1316)



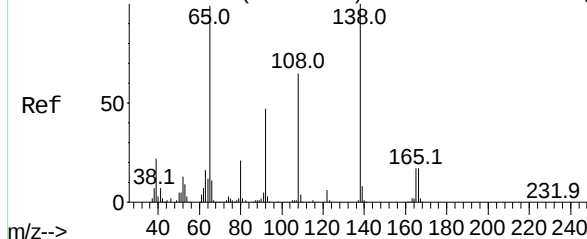
3-Nitroaniline
Concen: 2.379 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Instrument :
BNA_F
ClientSampled :
ETGI-330

Tgt Ion:	138	Resp:	13461
Ion	Ratio	Lower	Upper
138	100		
108	63.2	9.3	13.9#
92	36.9	76.5	114.7#

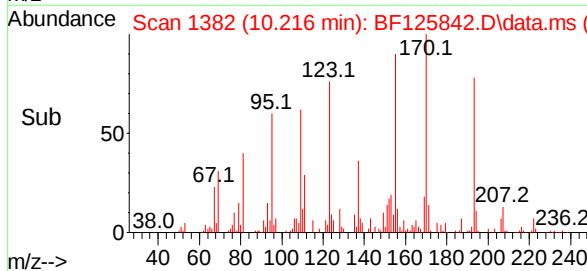
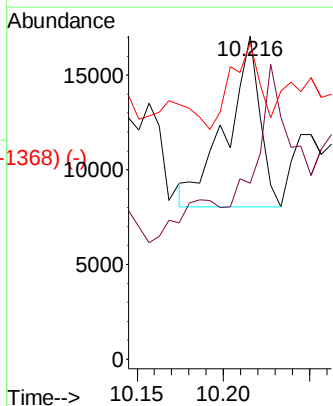
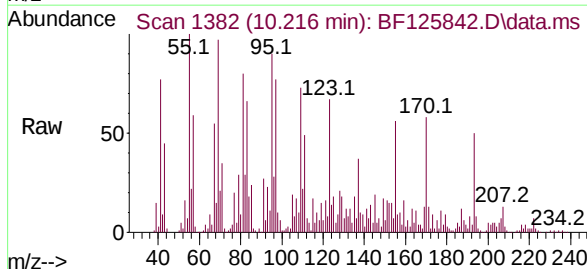


Abundance Scan 1420 (10.439 min): BF125768.D\data.ms (-1420)



4-Nitroaniline
Concen: 2.307 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.218 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

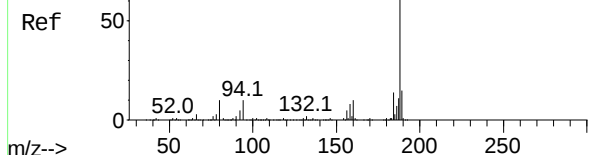
Tgt Ion:	138	Resp:	12066
Ion	Ratio	Lower	Upper
138	100		
92	54.4	29.6	69.6
108	97.8	78.1	118.1



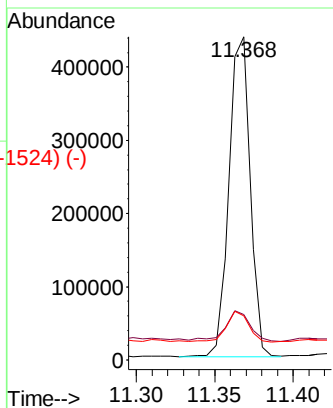
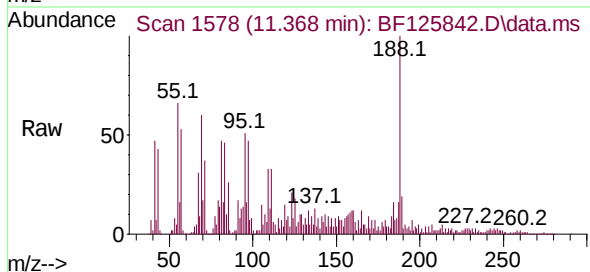
Abundance Scan 1577 (11.363 min): BF125768.D\data.ms (-1574) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

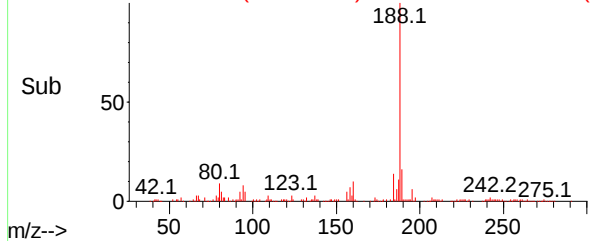
Instrument :
BNA_F
ClientSampled :
ETGI-330



Tgt Ion:	188	Resp:	409507
Ion Ratio	100	Lower	Upper
94	14.1	6.7	10.1#
80	13.6	7.5	11.3#

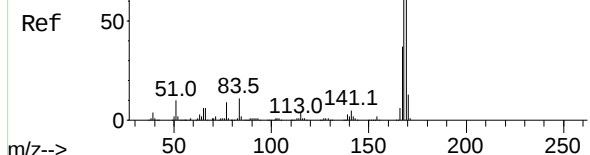


Abundance Scan 1578 (11.368 min): BF125842.D\data.ms (-1524) (-)

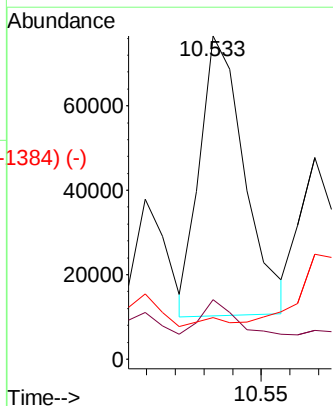
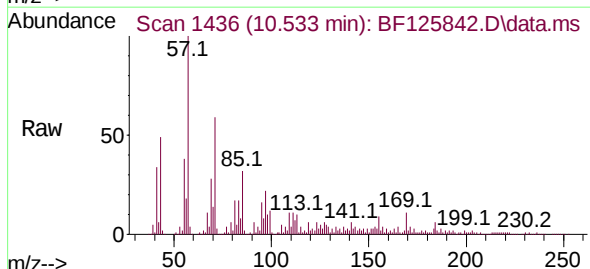


Abundance Scan 1437 (10.539 min): BF125768.D\data.ms (-1436) (-)

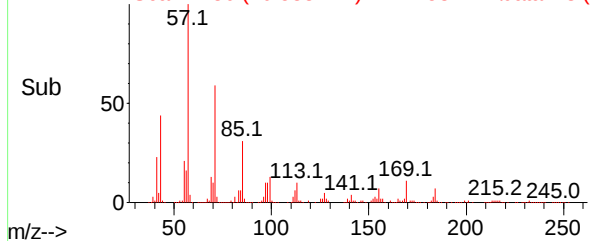
n-Nitrosodiphenylamine
Concen: 5.157 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

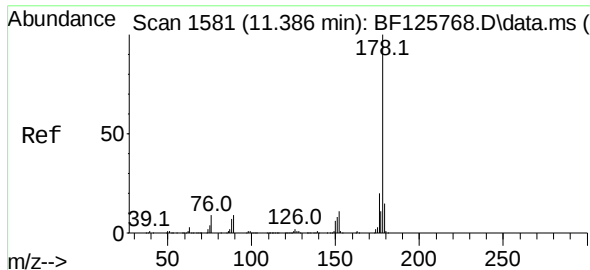


Tgt Ion:	169	Resp:	72046
Ion Ratio	100	Lower	Upper
168	18.4	50.8	76.2#
167	12.9	28.8	43.2#



Abundance Scan 1436 (10.533 min): BF125842.D\data.ms (-1384) (-)

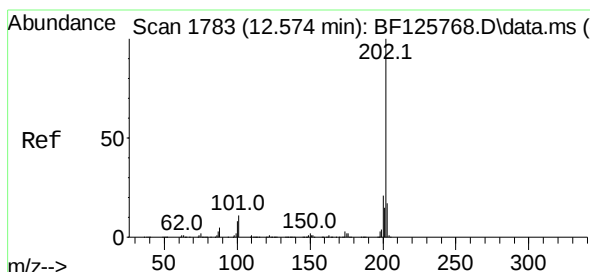
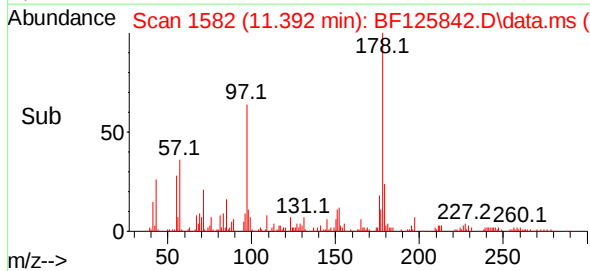
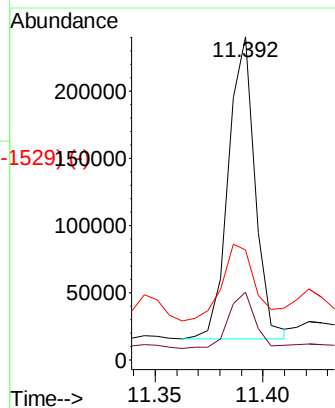
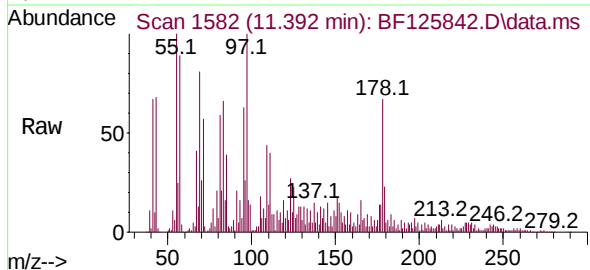




Phenanthrene
Concen: 8.896 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

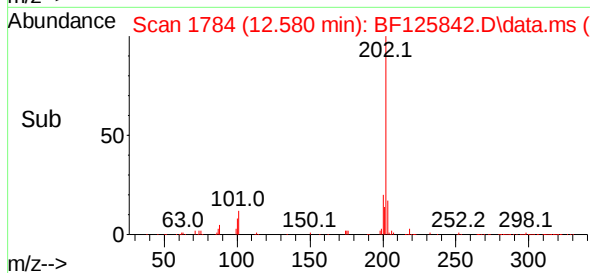
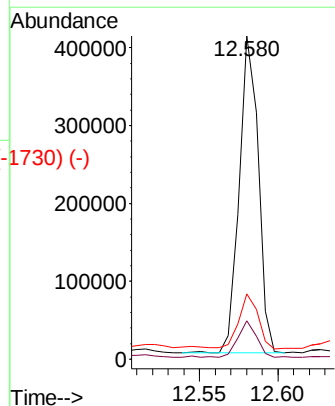
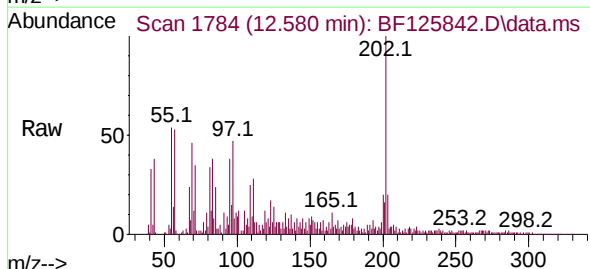
Instrument :
BNA_F
ClientSampleId :
ETGI-330

Tgt Ion:	178	Resp:	194906
Ion	Ratio	Lower	Upper
178	100		
176	20.9	14.7	22.1
179	34.0	11.5	17.3#



Fluoranthene
Concen: 17.410 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

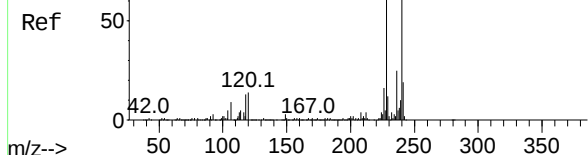
Tgt Ion:	202	Resp:	344199
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
203	20.1	0.0	36.3



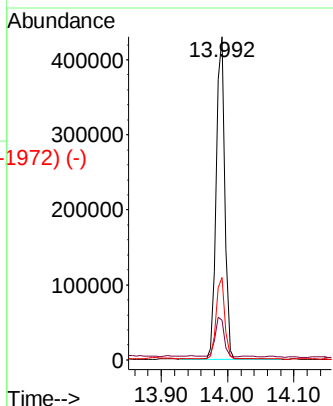
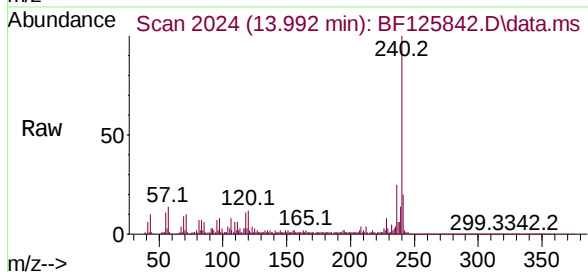
Abundance Scan 2024 (13.992 min): BF125768.D\data.ms (-1979) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

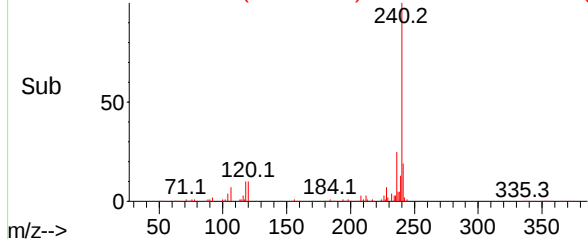
Instrument :
BNA_F
ClientSampleId :
ETGI-330



Tgt Ion:	240	Resp:	389459
Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.8	16.2
236	25.5	21.6	32.4

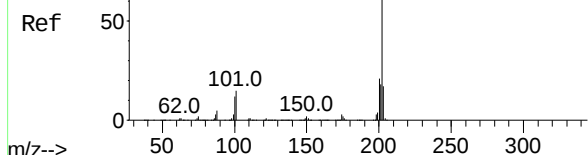


Abundance Scan 2024 (13.992 min): BF125842.D\data.ms (-1972) (-)

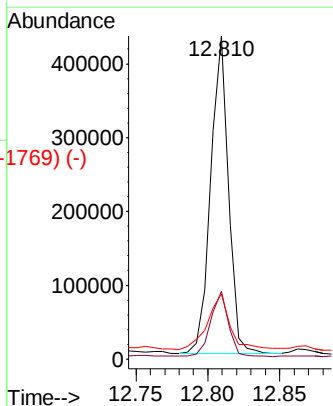
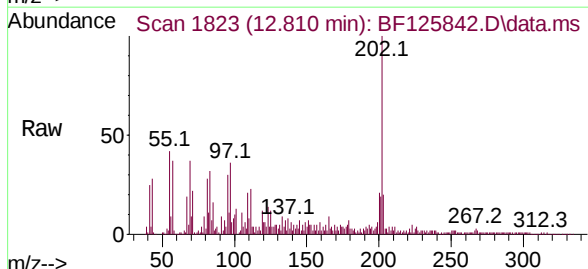


Abundance Scan 1821 (12.798 min): BF125768.D\data.ms (-1773) (-)

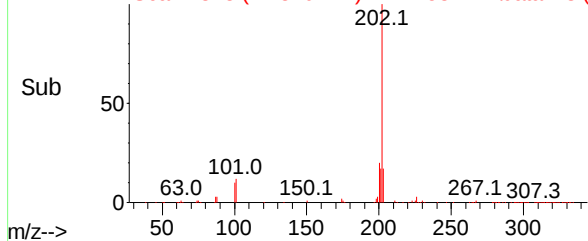
Pyrene
Concen: 9.315 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

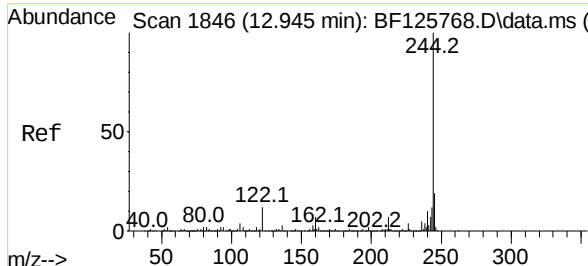


Tgt Ion:	202	Resp:	368560
Ion	Ratio	Lower	Upper
202	100		
200	20.9	15.3	22.9
203	20.1	13.4	20.0#



Abundance Scan 1823 (12.810 min): BF125842.D\data.ms (-1769) (-)

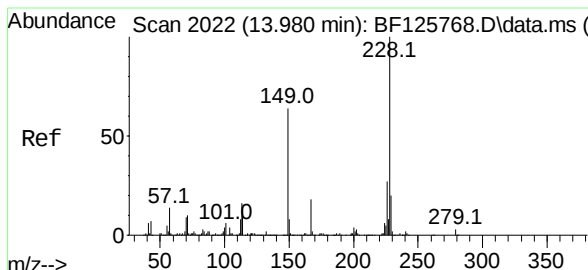
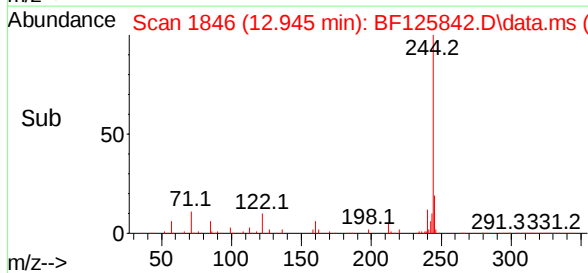
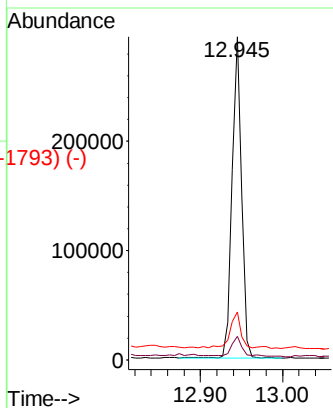
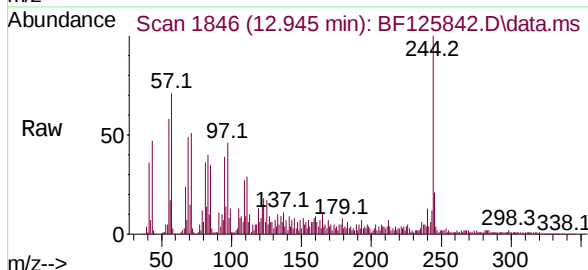




Terphenyl-d14
 Concen: 9.272 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.012 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

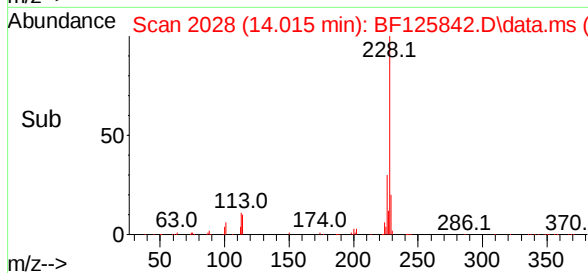
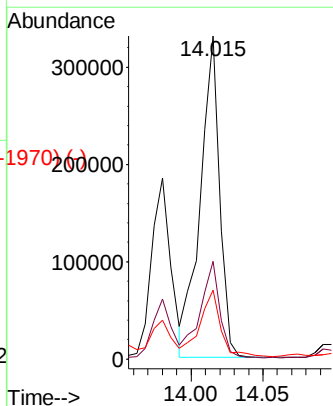
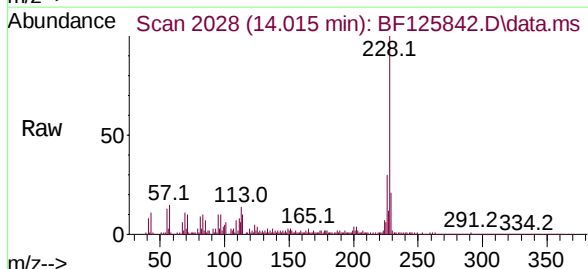
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

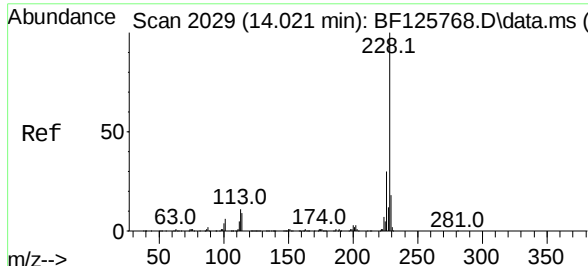
Tgt Ion:	244	Resp:	237068
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	14.8	9.0	13.4#



Benzo(a)anthracene
 Concen: 12.305 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. 0.041 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Tgt Ion:	228	Resp:	310909
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.6	32.4
229	21.3	15.6	23.4

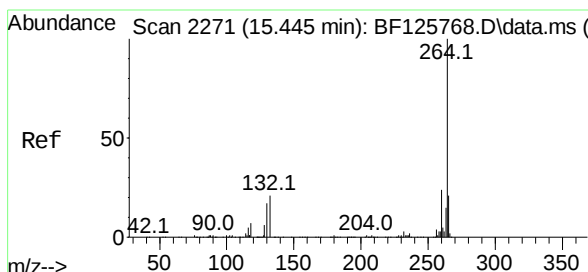
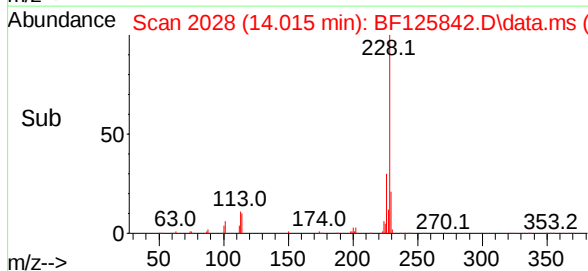
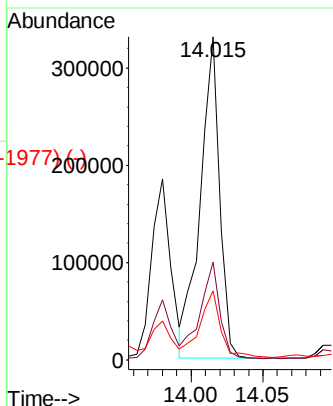
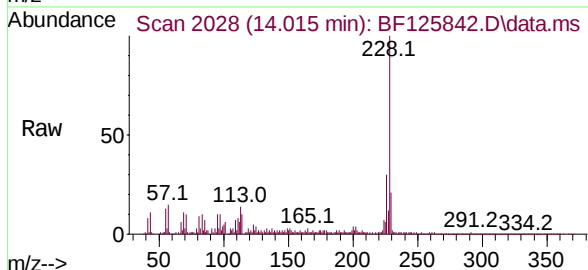




Chrysene
 Concen: 12.449 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

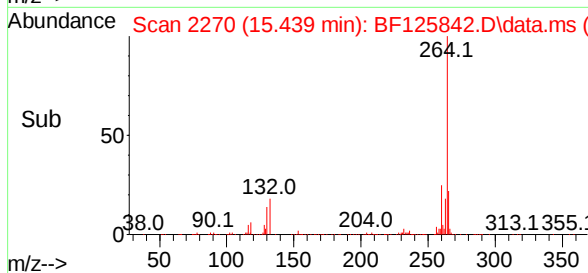
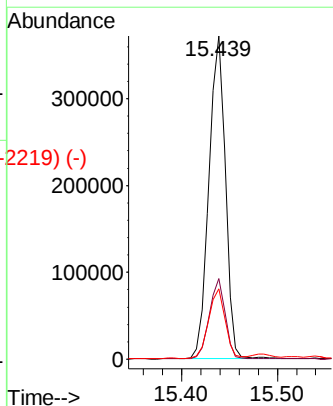
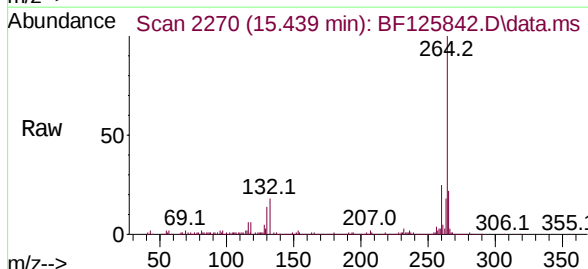
Instrument :
 BNA_F
 ClientSampleID :
 ETGI-330

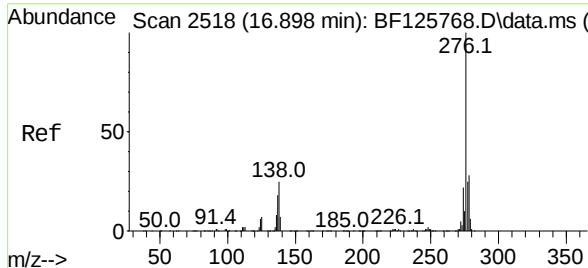
Tgt Ion:	228	Resp:	310909
Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	21.3	15.9	23.9



Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Tgt Ion:	264	Resp:	441763
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.7	17.2	25.8

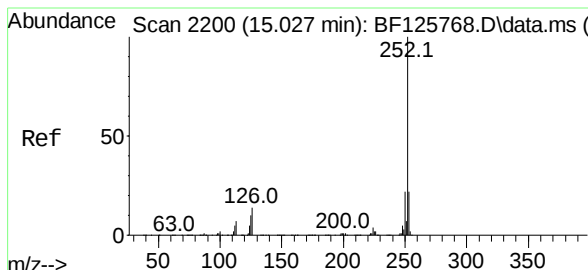
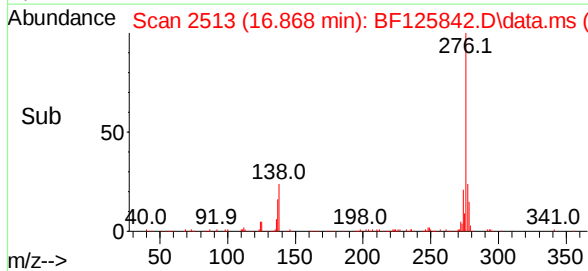
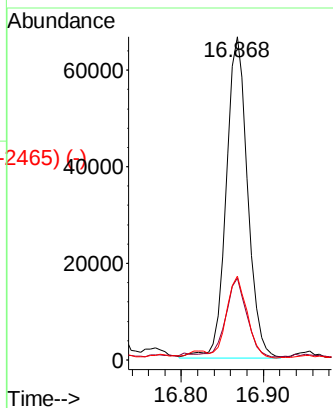
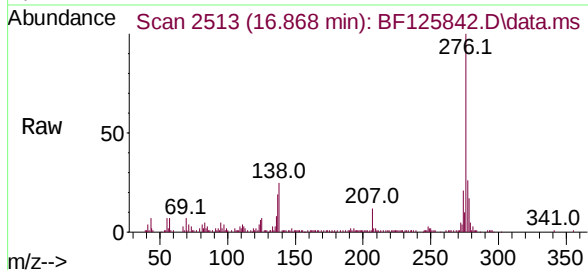




Indeno(1,2,3-cd)pyrene
 Concen: 3.573 ng
 RT: 16.868 min Scan# 2513
 Delta R.T. -0.018 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

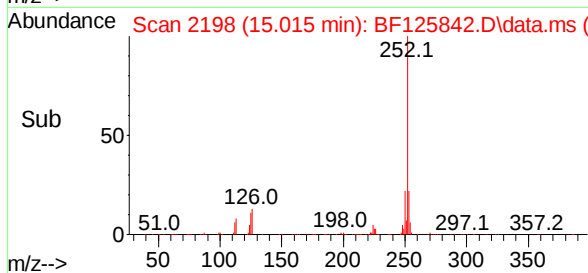
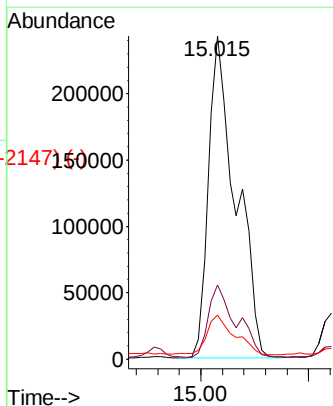
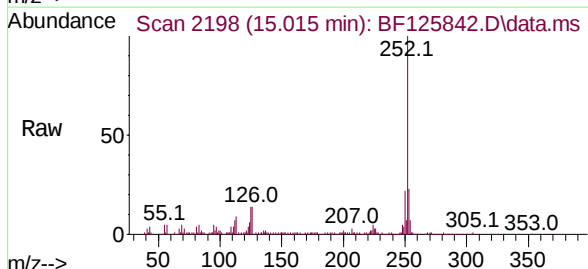
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

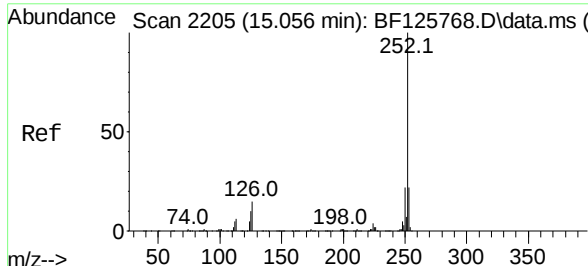
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.1	36.1
277	25.6	18.8	28.2



Benzo(b)fluoranthene
 Concen: 17.199 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	13.6	9.8	14.8

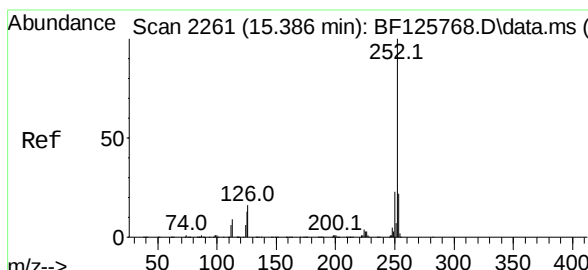
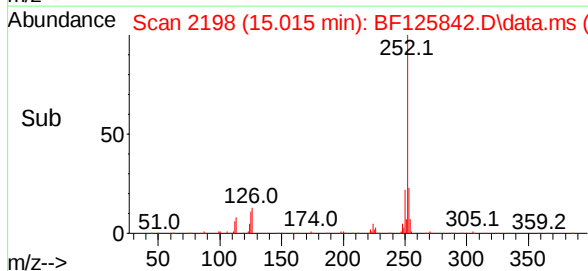
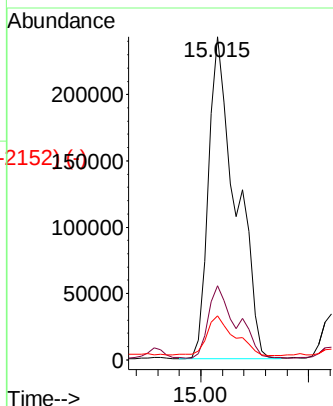
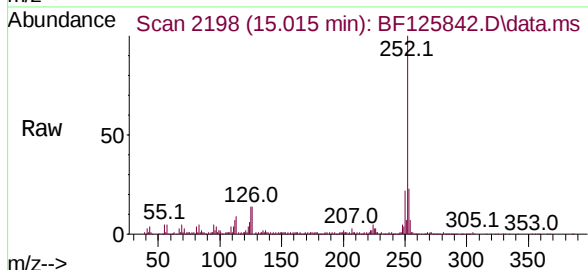




Benzo(k)fluoranthene
 Concen: 16.752 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.030 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	13.6	7.2	10.8#



Benzo(a)pyrene
 Concen: 7.282 ng
 RT: 15.374 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BF125842.D
 Acq: 14 Oct 2021 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	13.0	9.9	14.9

