

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125822.D
 Acq On : 13 Oct 2021 12:39
 Operator : JU/CG
 Sample : M4159-10DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

Quant Time: Oct 13 13:35:42 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)

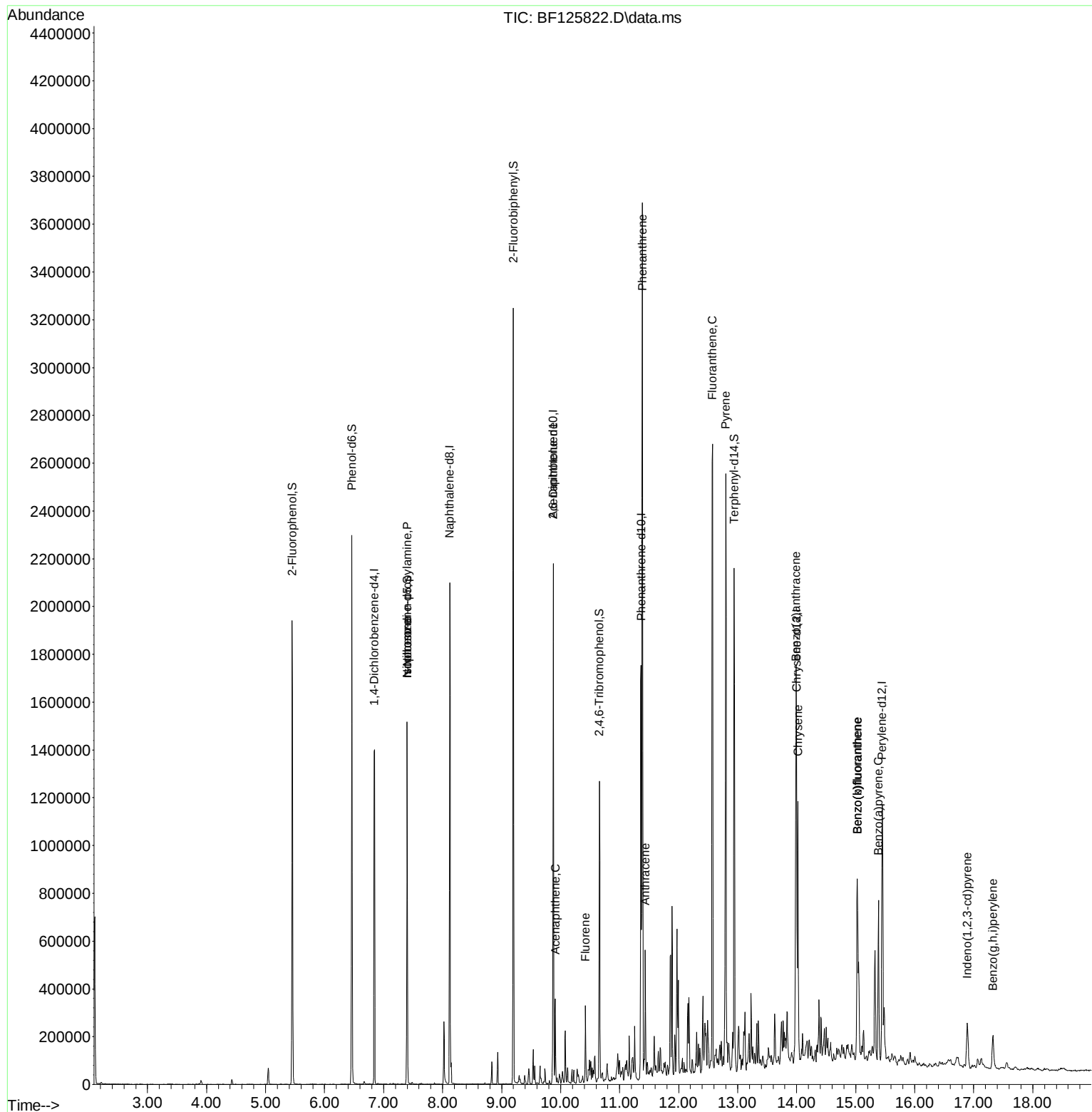
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	228252	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	920312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	460222	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	687980	20.000	ng	0.00
76) Chrysene-d12	13.998	240	437540	20.000	ng	0.00
86) Perylene-d12	15.451	264	475539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	580452	41.544	ng	-0.01
7) Phenol-d6	6.463	99	747870	41.579	ng	-0.01
23) Nitrobenzene-d5	7.398	82	439123	29.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	132197	29.094	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	910330	34.117	ng	0.00
79) Terphenyl-d14	12.939	244	660457	22.993	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	53629	5.648	ng	# 52
25) Isophorone	7.398	82	436621	16.646	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	61976	10.121	ng	# 27
52) Acenaphthene	9.910	154	67603	2.689	ng	98
58) Fluorene	10.422	166	75887	2.752	ng	99
71) Phenanthrene	11.386	178	1248611	33.921	ng	98
72) Anthracene	11.433	178	179301	4.877	ng	99
75) Fluoranthene	12.574	202	1068807	32.179	ng	98
78) Pyrene	12.798	202	980373	22.055	ng	97
81) Benzo(a)anthracene	13.986	228	393748	13.871	ng	99
83) Chrysene	14.021	228	409586	14.598	ng	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	127211	3.505	ng	95
88) Benzo(b)fluoranthene	15.027	252	558206	20.792	ng	97
89) Benzo(k)fluoranthene	15.027	252	558206	20.251	ng	# 97
90) Benzo(a)pyrene	15.386	252	312532	13.145	ng	98
92) Benzo(g,h,i)perylene	17.327	276	109004	3.565	ng	93

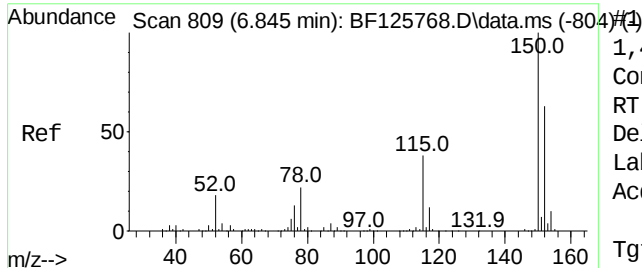
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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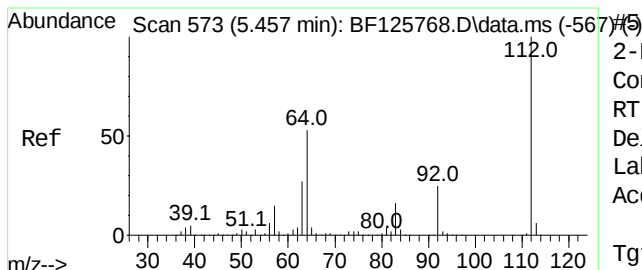
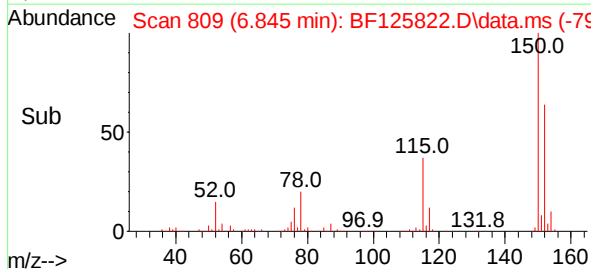
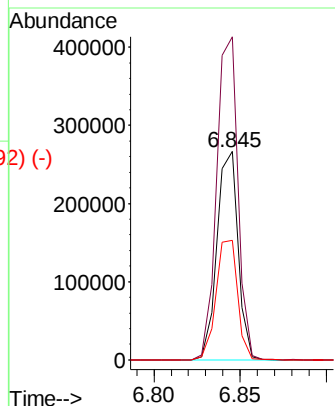
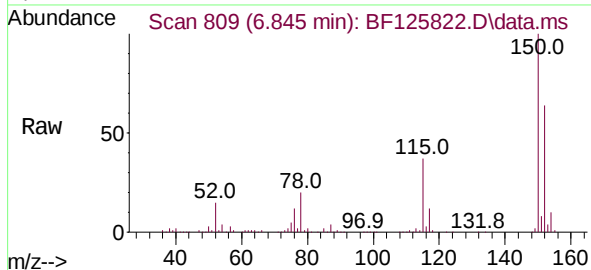




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

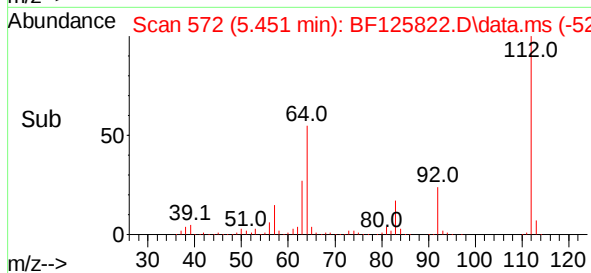
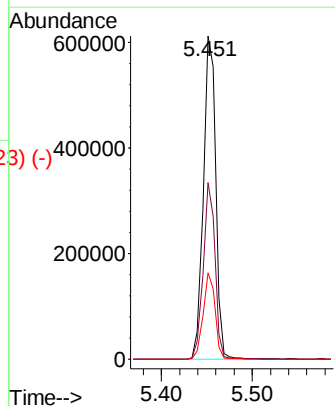
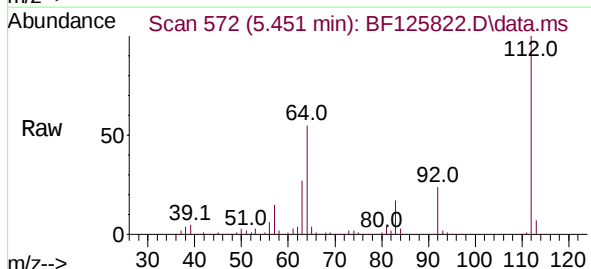
Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

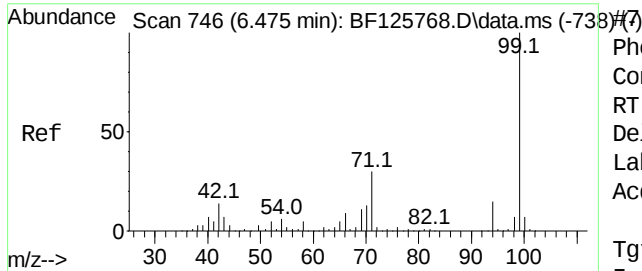
Tgt Ion:	152	Resp:	228252
Ion	Ratio	Lower	Upper
152	100		
150	155.1	117.6	176.4
115	57.5	47.1	70.7



2-Fluorophenol
 Concen: 41.544 ng
 RT: 5.451 min Scan# 572
 Delta R.T. -0.012 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

Tgt Ion:	112	Resp:	580452
Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.2	66.2
63	26.8	26.2	39.2

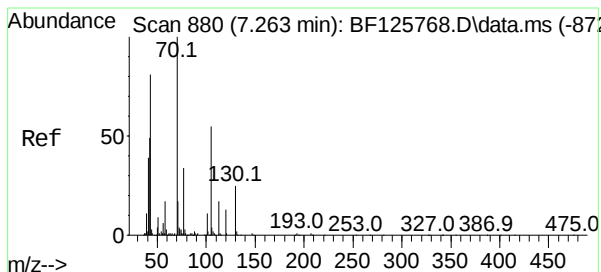
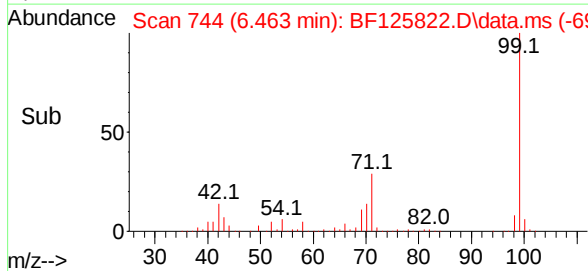
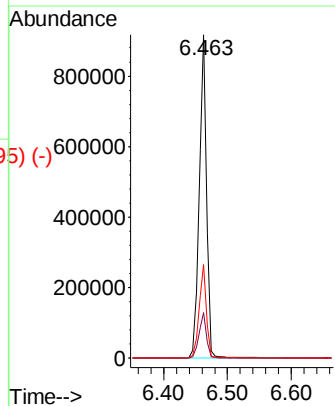
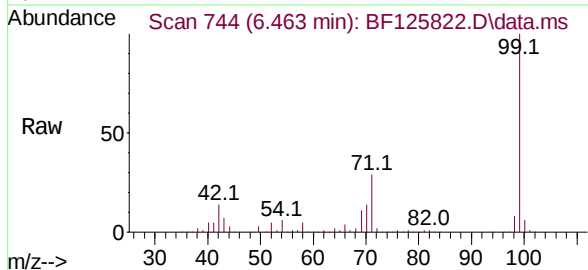




Phenol-d6
 Concen: 41.579 ng
 RT: 6.463 min Scan# 744
 Delta R.T. -0.012 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

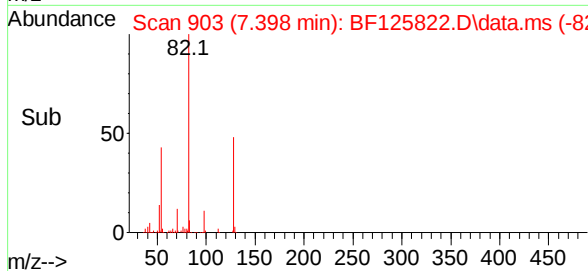
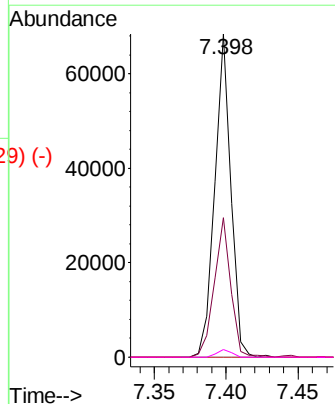
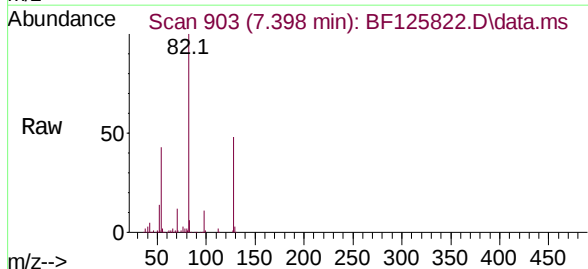
Instrument :
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 T9-COMP-(1-4)DL

Tgt Ion	Ratio	Lower	Upper
99	100		
42	14.0	23.5	35.3#
71	28.9	25.6	38.4

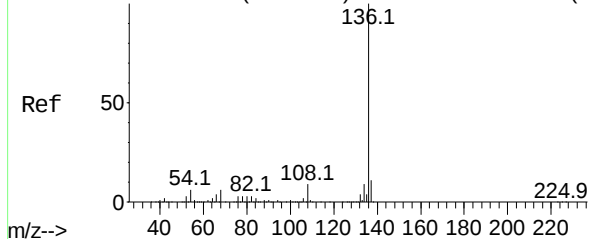


n-Nitroso-di-n-propylamine
 Concen: 5.648 ng
 RT: 7.398 min Scan# 903
 Delta R.T. 0.135 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#



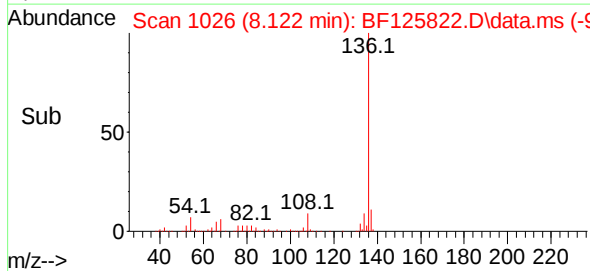
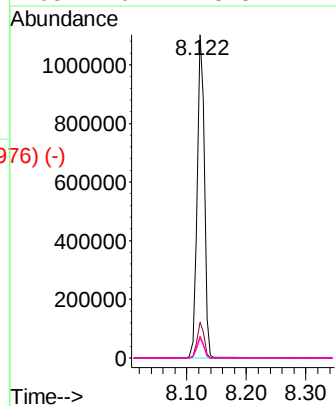
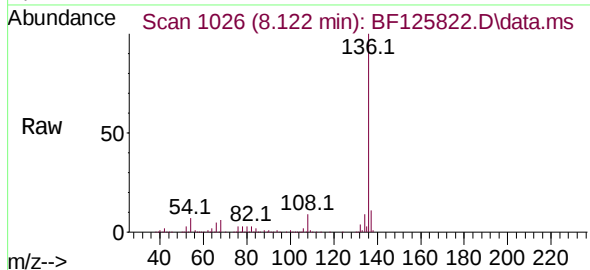
Abundance Scan 1027 (8.128 min): BF125768.D\data.ms (-1021)



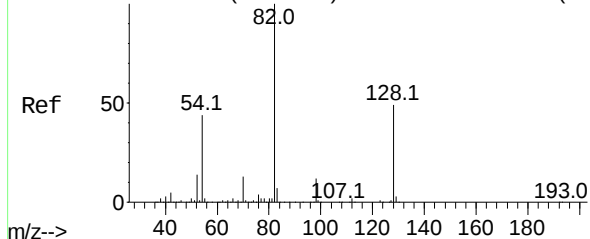
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

Tgt Ion:	136	Resp:	920312
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	6.7	6.4	9.6
68	6.1	3.3	4.9#

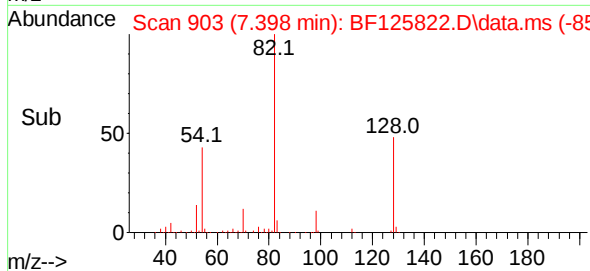
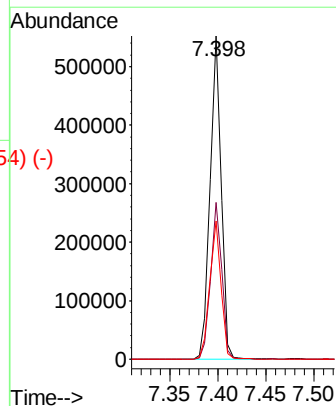
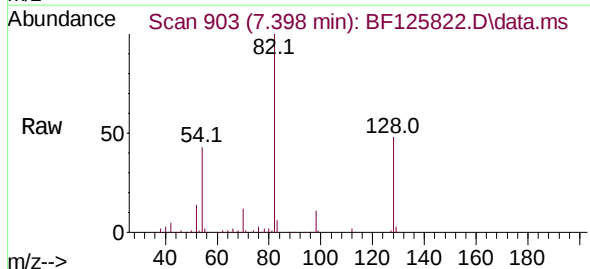


Abundance Scan 905 (7.410 min): BF125768.D\data.ms (-899) #23

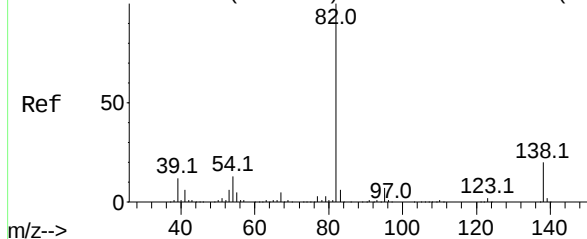


Nitrobenzene-d5
Concen: 29.659 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion:	82	Resp:	439123
Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.6	60.8
54	42.8	49.6	74.4#



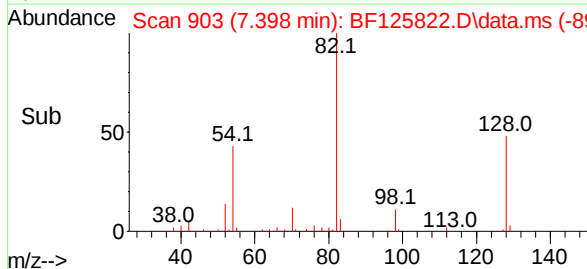
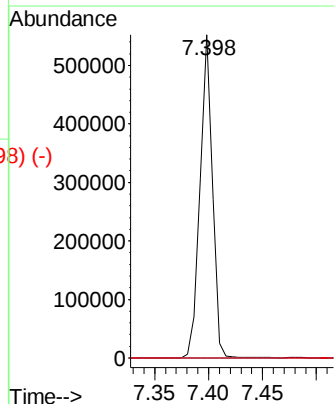
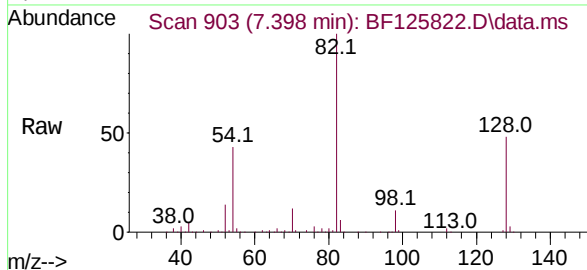
Abundance Scan 949 (7.669 min): BF125768.D\data.ms (-942) #25



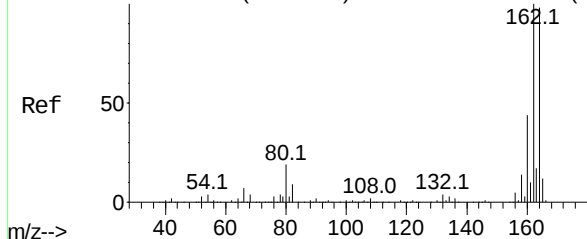
Isophorone
Concen: 16.646 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

Tgt Ion:	82	Resp:	436621
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

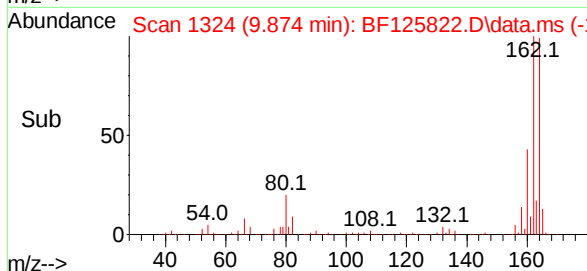
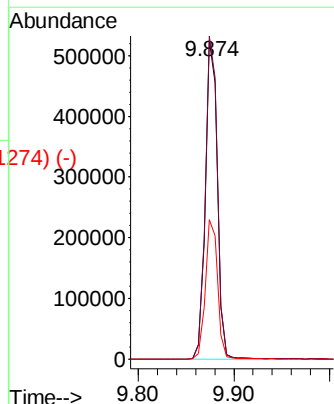
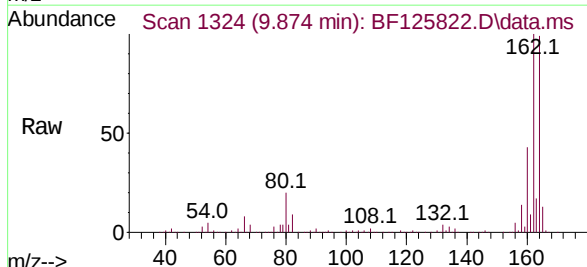


Abundance Scan 1325 (9.880 min): BF125768.D\data.ms (-1320) #39

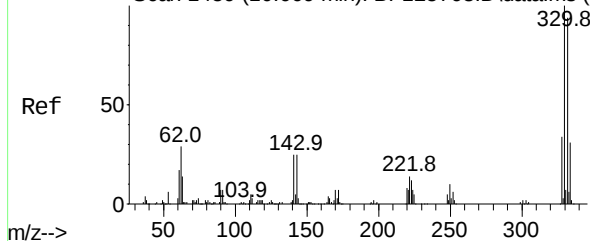


Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion:	164	Resp:	460222
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	43.9	38.0	57.0



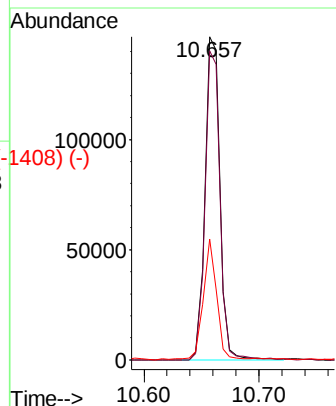
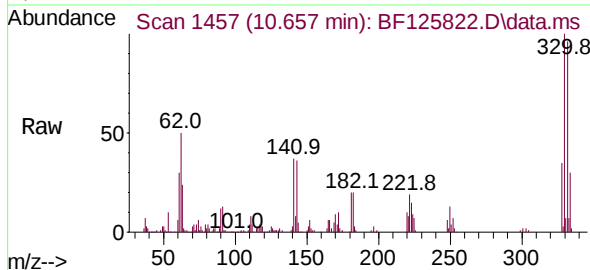
Abundance Scan 1459 (10.669 min): BF125768.D\data.ms (-1459) (-)



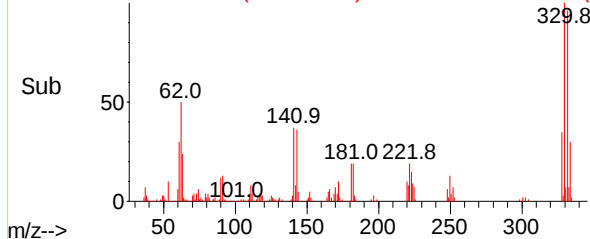
2,4,6-Tribromophenol
Concen: 29.094 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

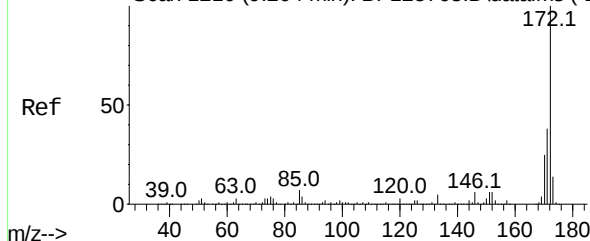
Tgt Ion:	330	Resp:	132197
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	33.9	44.6	66.8#



Abundance Scan 1457 (10.657 min): BF125822.D\data.ms (-1408) (-)

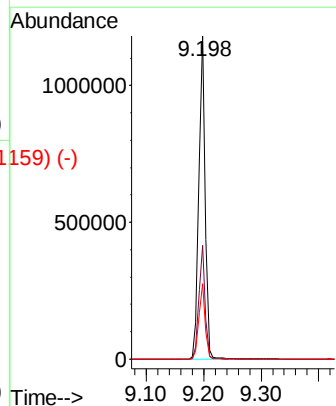
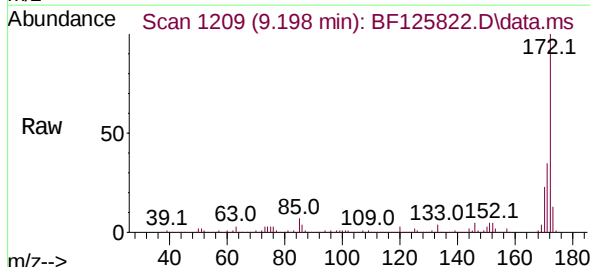


Abundance Scan 1210 (9.204 min): BF125768.D\data.ms (-1204) (-)

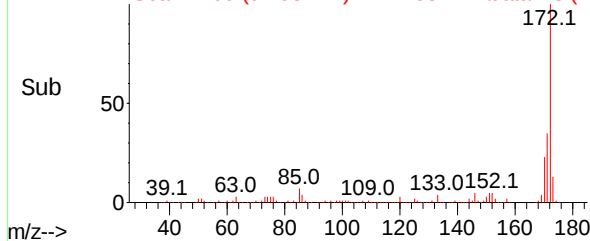


2-Fluorobiphenyl
Concen: 34.117 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

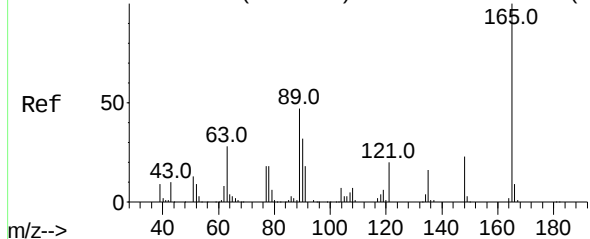
Tgt Ion:	172	Resp:	910330
Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.5	39.7
170	23.3	18.8	28.2



Abundance Scan 1209 (9.198 min): BF125822.D\data.ms (-1159) (-)



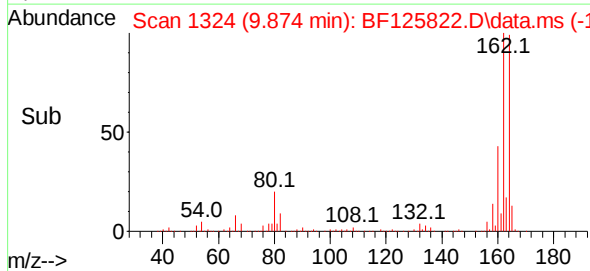
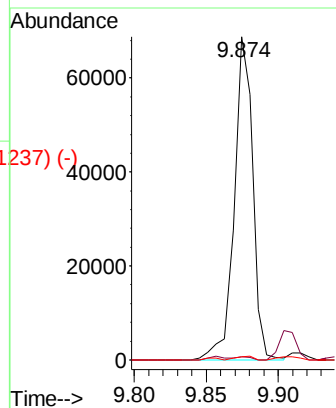
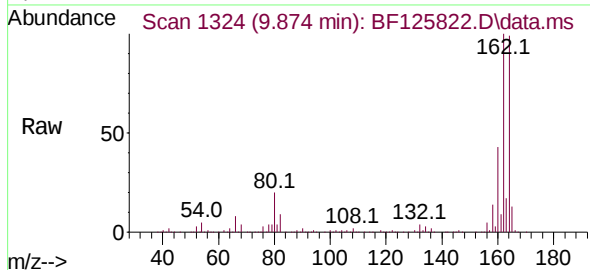
Abundance Scan 1288 (9.663 min): BF125768.D\data.ms (-1285)



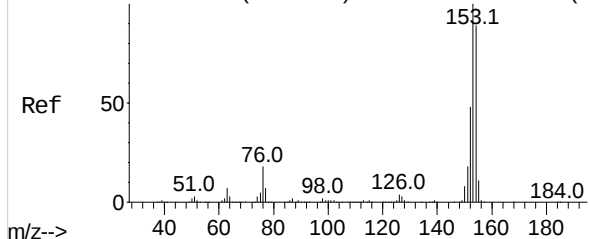
2,6-Dinitrotoluene
Concen: 10.121 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	63.8#
89	0.9	40.6	60.8#

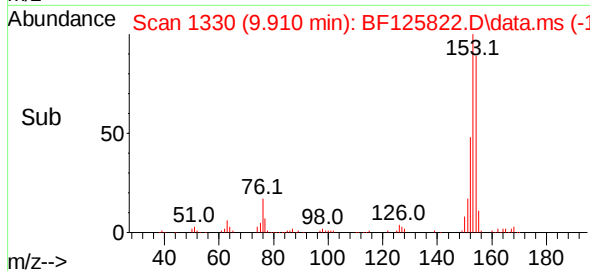
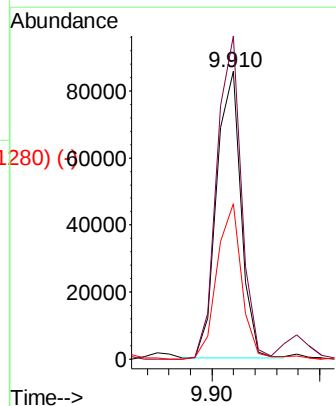
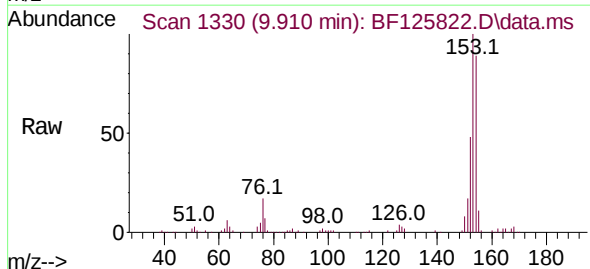


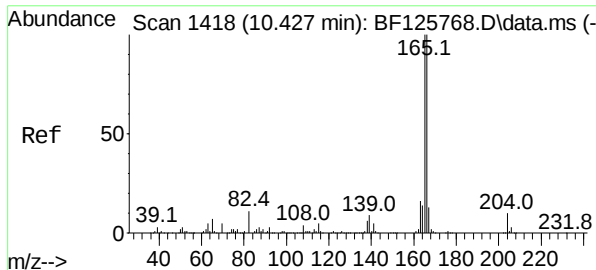
Abundance Scan 1331 (9.916 min): BF125768.D\data.ms (-1325)



Acenaphthene
Concen: 2.689 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.4	134.2
152	54.0	40.5	60.7

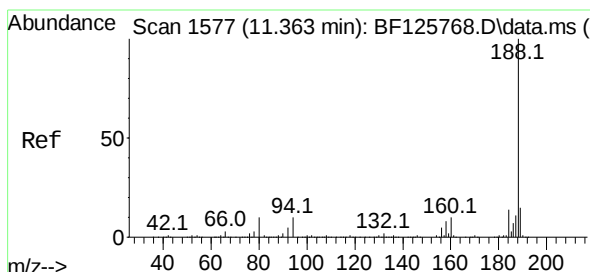
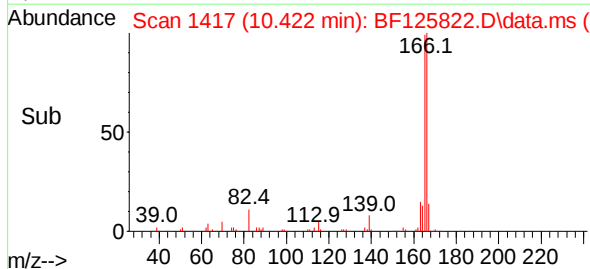
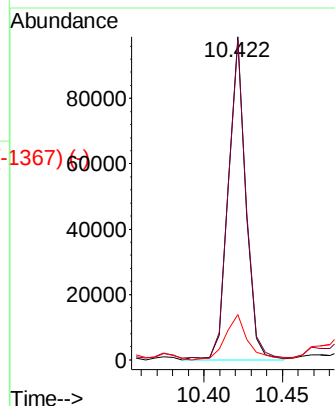
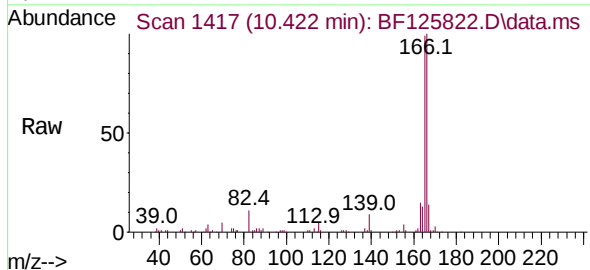




Fluorene
Concen: 2.752 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

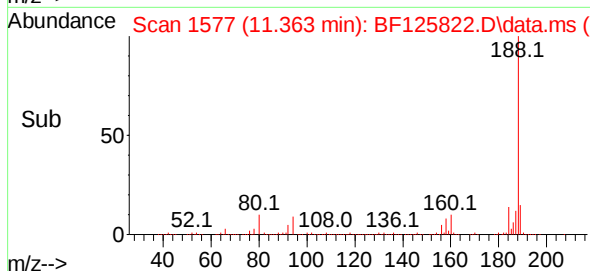
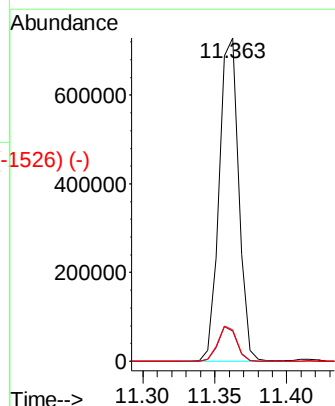
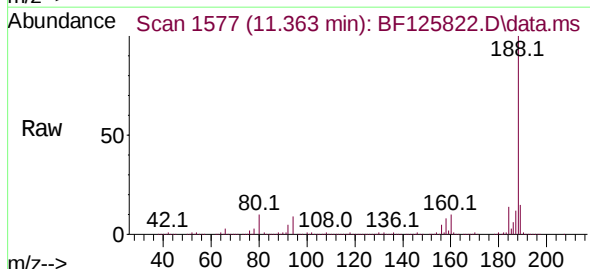
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

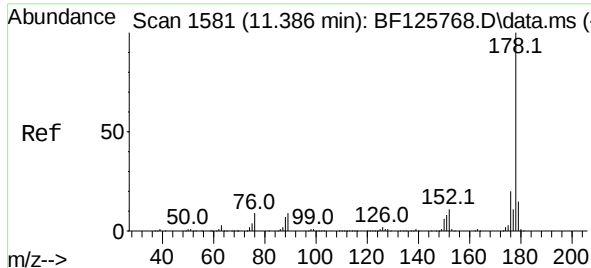
Tgt Ion:	166	Resp:	75887
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.1	117.1
167	14.1	11.1	16.7



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion:	188	Resp:	687980
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.6	7.5	11.3

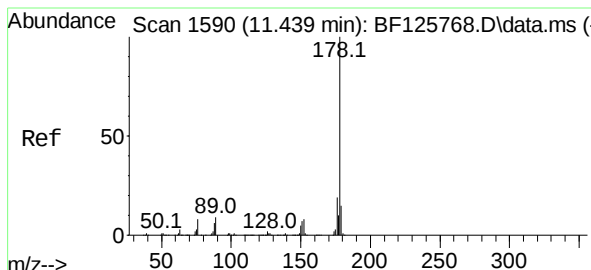
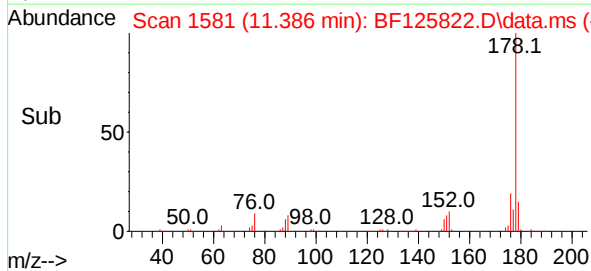
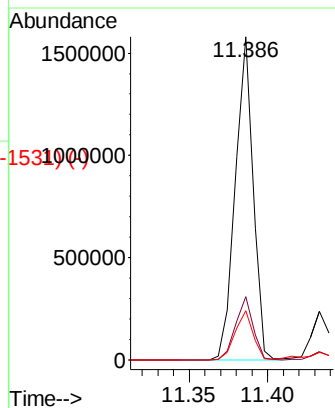
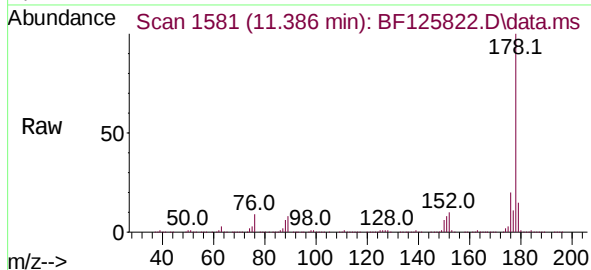




Phenanthrene
Concen: 33.921 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

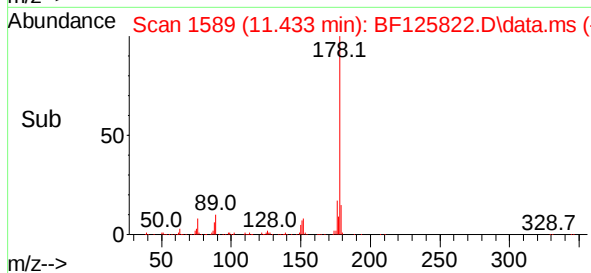
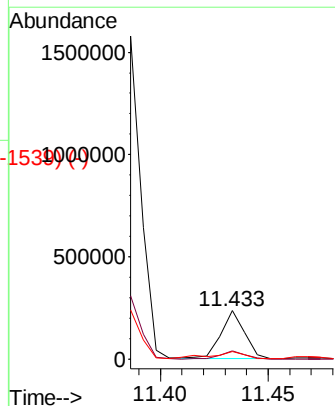
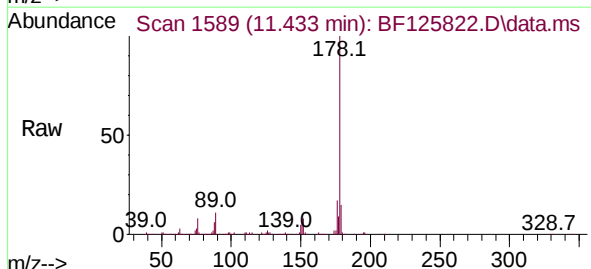
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

Tgt Ion:178 Resp: 1248611
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.3 11.5 17.3



Anthracene
Concen: 4.877 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

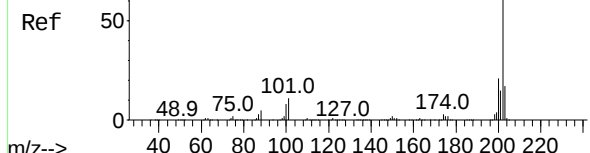
Tgt Ion:178 Resp: 179301
Ion Ratio Lower Upper
178 100
176 17.4 14.3 21.5
179 15.3 12.2 18.4



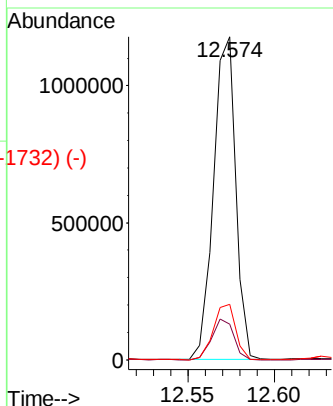
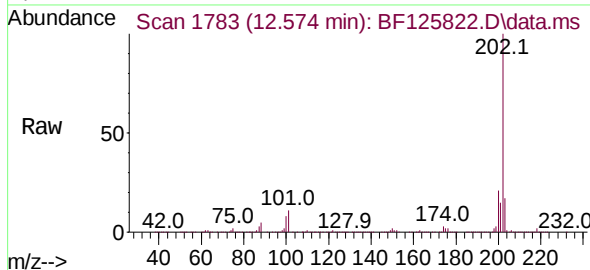
Abundance Scan 1783 (12.574 min): BF125768.D\data.ms (-1785) (-)

Fluoranthene
Concen: 32.179 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

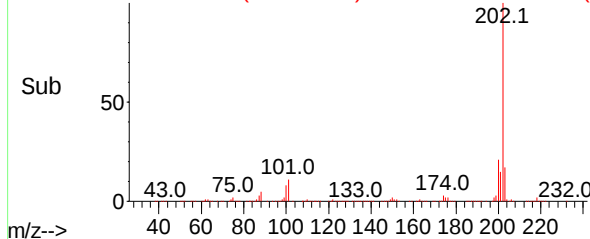
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL



Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
203	17.3	0.0	36.3

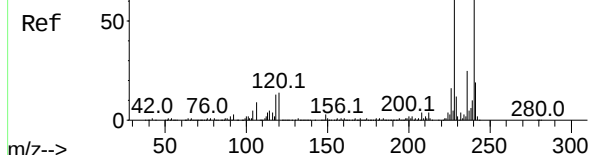


Abundance Scan 1783 (12.574 min): BF125822.D\data.ms (-1732) (-)

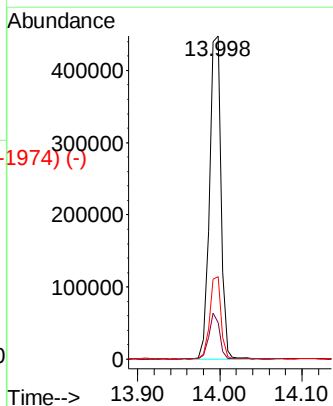
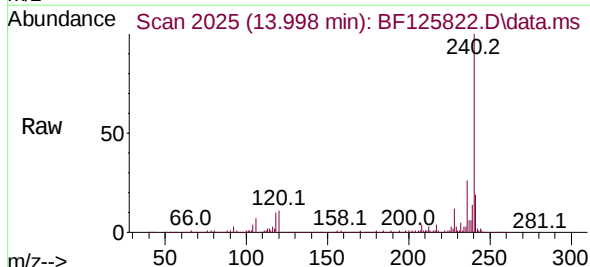


Abundance Scan 2024 (13.992 min): BF125768.D\data.ms (-20175) (-)

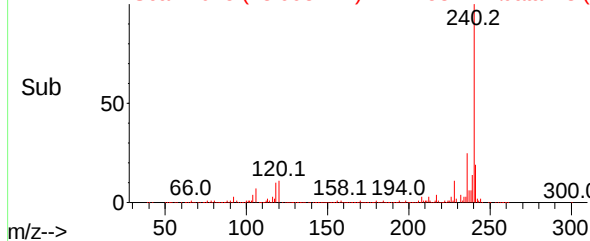
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

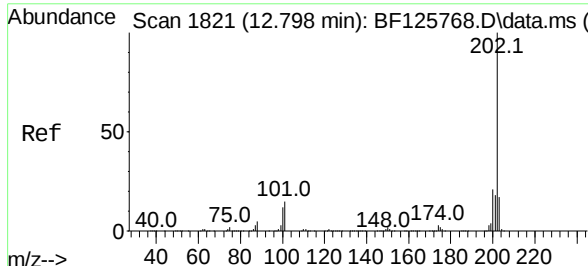


Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.8	16.2
236	25.6	21.6	32.4



Abundance Scan 2025 (13.998 min): BF125822.D\data.ms (-1974) (-)

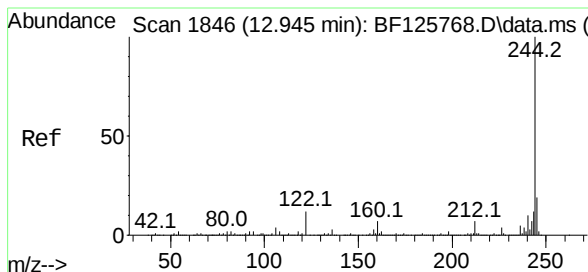
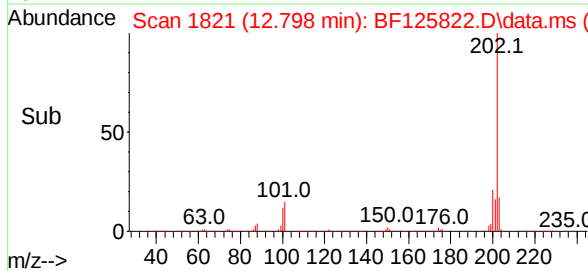
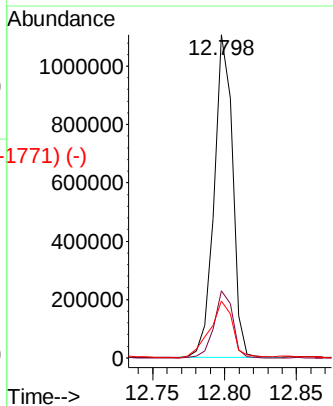
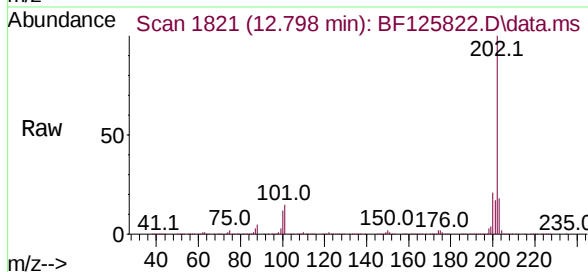




Pyrene
 Concen: 22.055 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

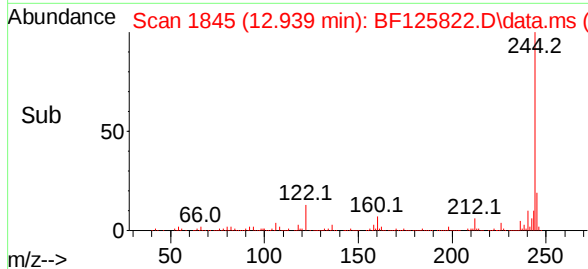
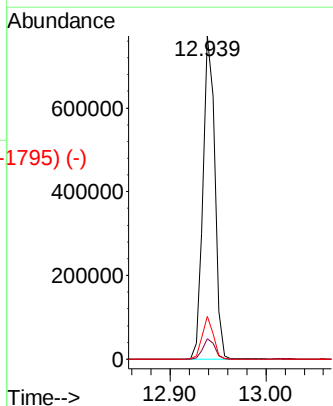
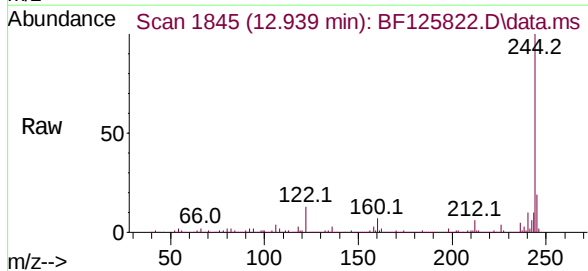
Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

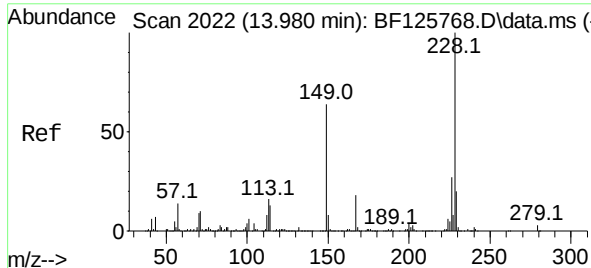
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.3	22.9
203	17.5	13.4	20.0



Terphenyl-d14
 Concen: 22.993 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	13.3	9.0	13.4

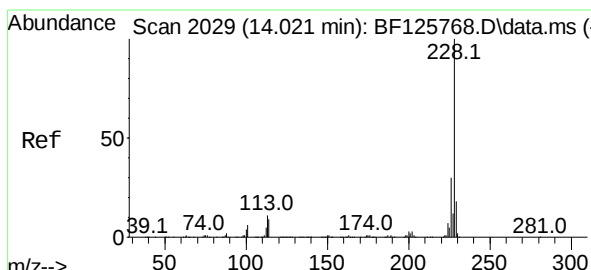
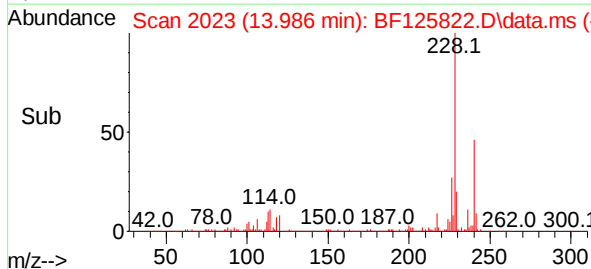
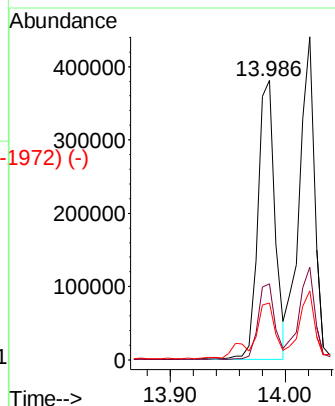
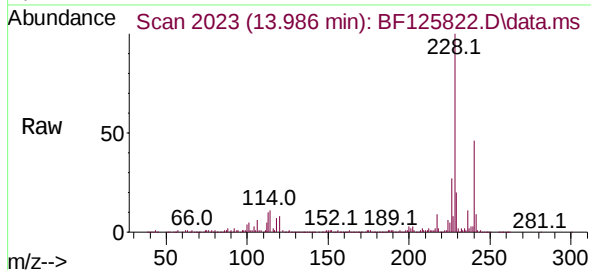




Benzo(a)anthracene
Concen: 13.871 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

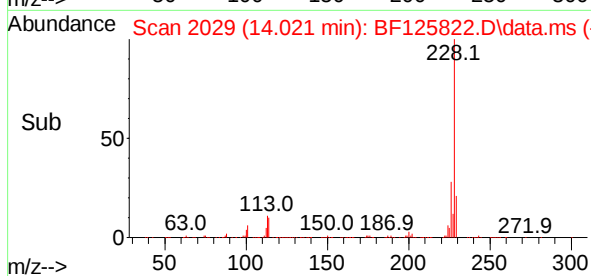
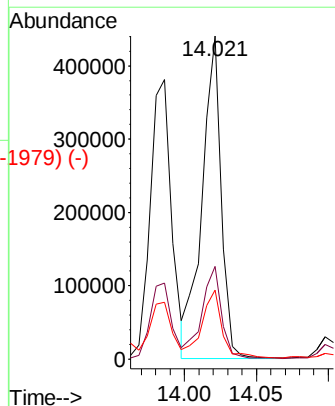
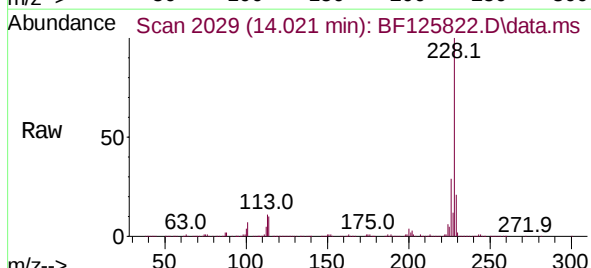
Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

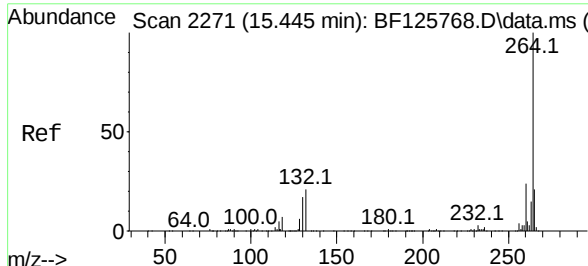
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.6	32.4
229	20.4	15.6	23.4



Chrysene
Concen: 14.598 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.4	15.9	23.9

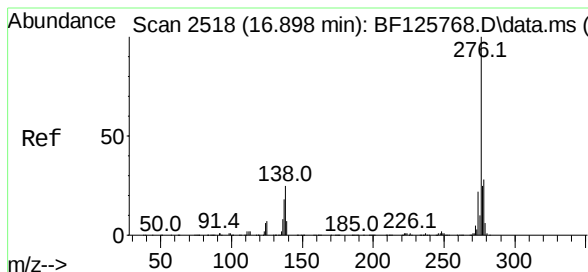
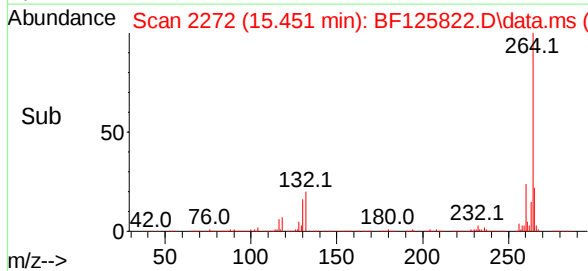
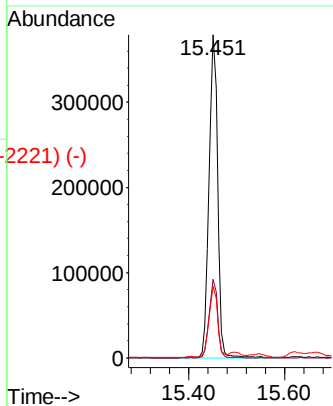
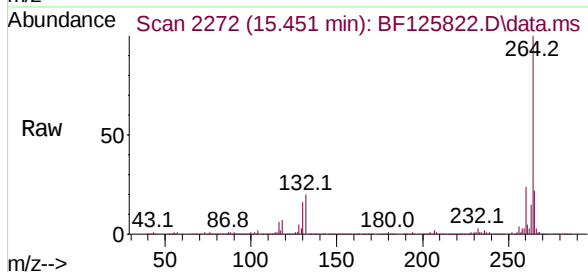




Scan 2271 (15.445 min): BF125768.D\data.ms (-2285) (-)
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

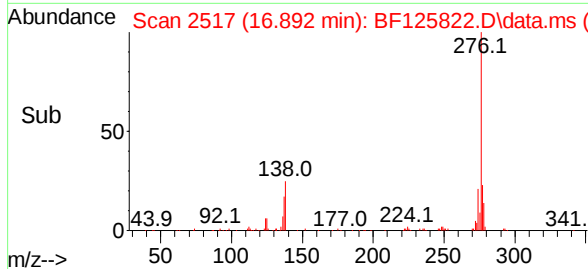
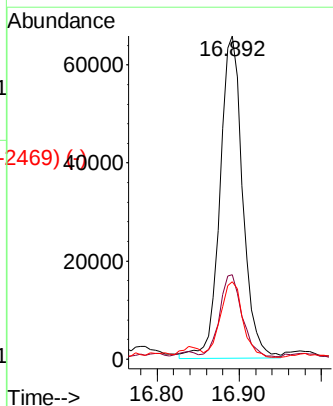
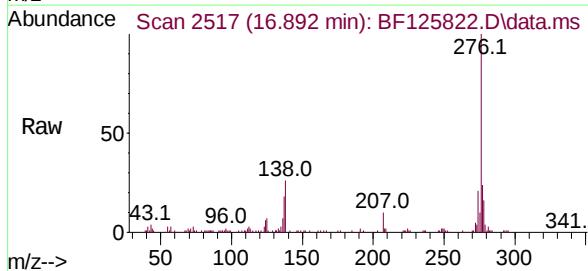
Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

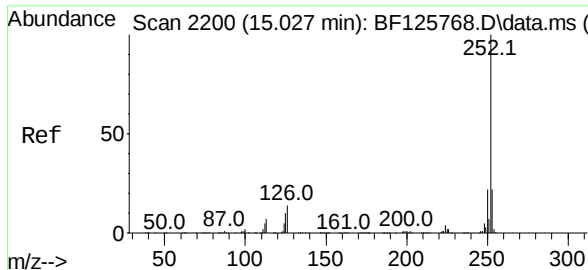
Tgt Ion:	264	Resp:	475539
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.6	29.4
265	22.1	17.2	25.8



Scan 2518 (16.898 min): BF125768.D\data.ms (-2507) (-)
 Indeno(1,2,3-cd)pyrene
 Concen: 3.505 ng
 RT: 16.892 min Scan# 2517
 Delta R.T. -0.018 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

Tgt Ion:	276	Resp:	127211
Ion Ratio	Lower	Upper	
276	100		
138	25.3	24.1	36.1
277	22.9	18.8	28.2

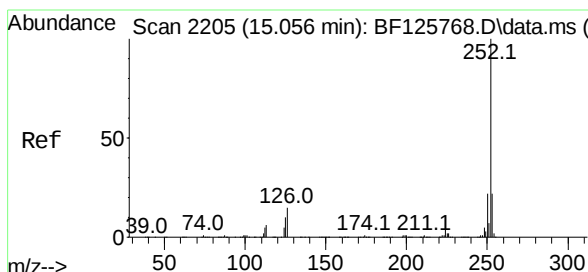
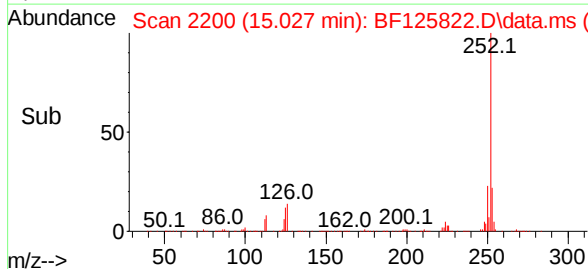
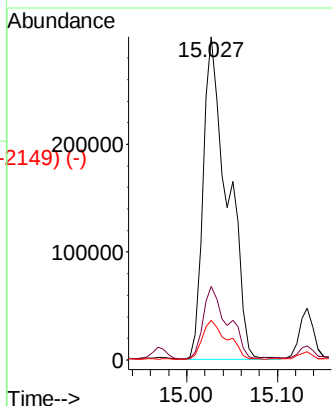
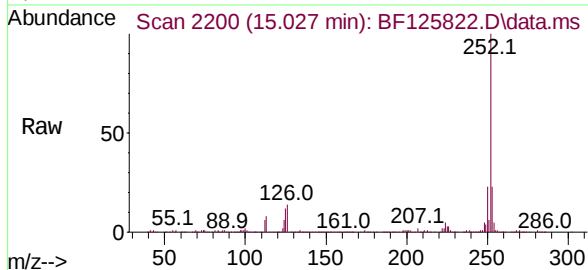




Scan 2200 (15.027 min): BF125768.D\data.ms (-2158) (-)
 Benzo(b)fluoranthene
 Concen: 20.792 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. -0.000 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

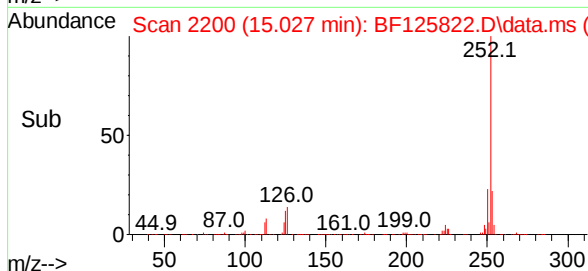
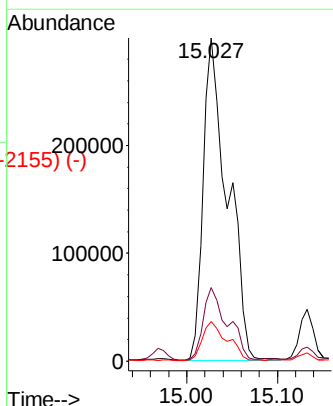
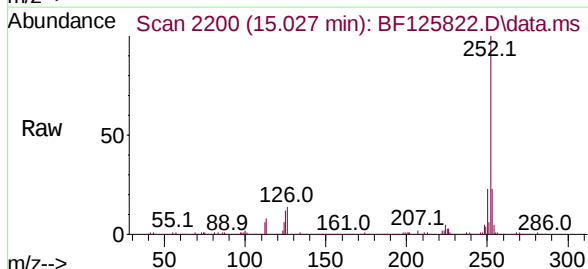
Instrument :
 BNA_F
 ClientSampleId :
 T9-COMP-(1-4)DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	12.2	9.8	14.8



Scan 2205 (15.056 min): BF125768.D\data.ms (-2159) (-)
 Benzo(k)fluoranthene
 Concen: 20.251 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. -0.035 min
 Lab File: BF125822.D
 Acq: 13 Oct 2021 12:39

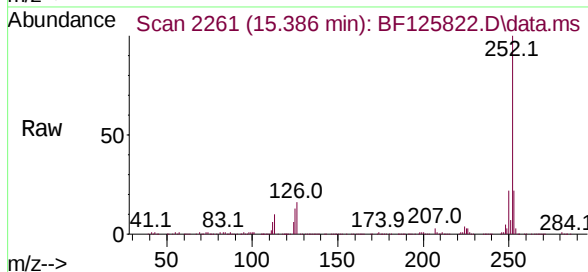
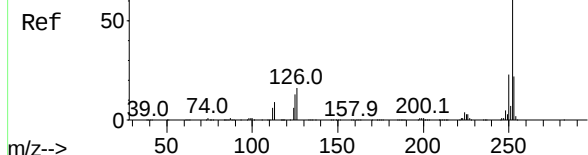
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.2	7.2	10.8#



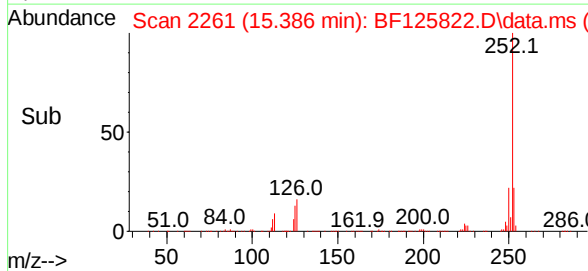
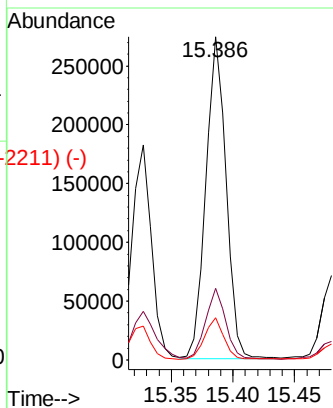
Abundance Scan 2261 (15.386 min): BF125768.D\data.ms (-2261) (-)

Benzo(a)pyrene
Concen: 13.145 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39

Instrument :
BNA_F
ClientSampleId :
T9-COMP-(1-4)DL

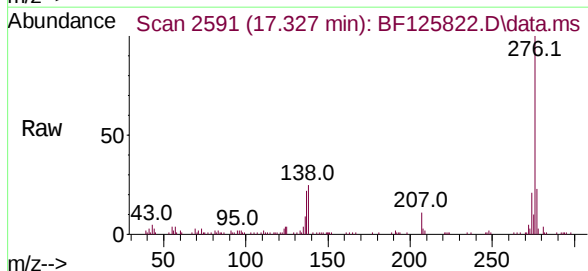
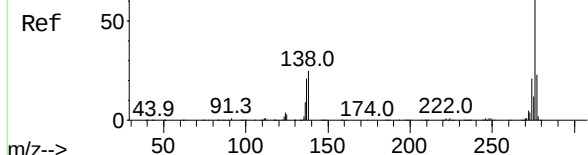


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.0	9.9	14.9



Abundance Scan 2593 (17.339 min): BF125768.D\data.ms (-2593) (-)

Benzo(g,h,i)perylene
Concen: 3.565 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.024 min
Lab File: BF125822.D
Acq: 13 Oct 2021 12:39



Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	22.0	33.0
138	24.9	22.2	33.4

