

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125976.D
 Acq On : 27 Oct 2021 21:58
 Operator : JU/CG
 Sample : M4367-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102621

Quant Time: Oct 28 09:01:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

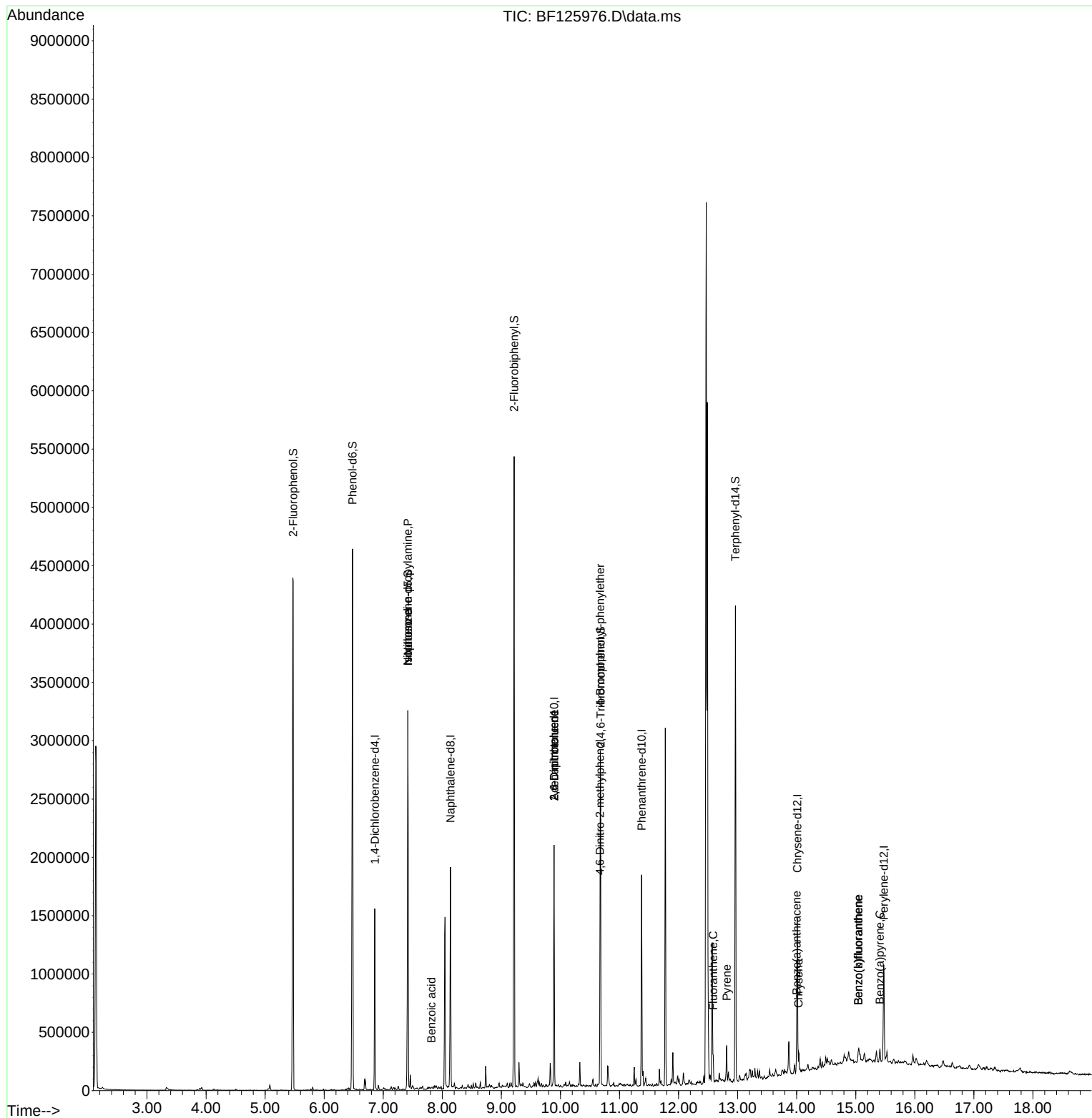
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	180459	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	727709	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	392918	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	623258	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	422283	20.000	ng	-0.02
86) Perylene-d12	15.474	264	361065	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1180460	97.436	ng	0.00
7) Phenol-d6	6.481	99	1489812	89.656	ng	-0.01
23) Nitrobenzene-d5	7.416	82	959344	68.095	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	303251	88.534	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1576645	70.961	ng	-0.02
79) Terphenyl-d14	12.963	244	1323971	51.285	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	134108	14.126	ng	# 61
25) Isophorone	7.416	82	956139	35.638	ng	# 59
32) Benzoic acid	7.816	122	106	4.183	ng	# 29
51) 2,6-Dinitrotoluene	9.892	165	51792	10.789	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	51792	8.783	ng	# 20
58) Fluorene	10.439	166	2601	Below Cal	#	82
65) 4,6-Dinitro-2-methylph...	10.669	198	195	6.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	20288	3.047	ng	# 1
75) Fluoranthene	12.586	202	80983	2.484	ng	96
78) Pyrene	12.816	202	118184	3.007	ng	97
81) Benzo(a)anthracene	13.998	228	64752	2.278	ng	98
83) Chrysene	14.033	228	68361	2.377	ng	96
88) Benzo(b)fluoranthene	15.045	252	89175	3.742	ng	# 95
89) Benzo(k)fluoranthene	15.045	252	89175	3.895	ng	# 94
90) Benzo(a)pyrene	15.410	252	52173	2.712	ng	95

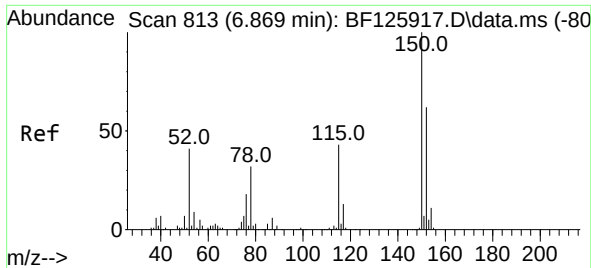
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125976.D
Acq On : 27 Oct 2021 21:58
Operator : JU/CG
Sample : M4367-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-102621

Quant Time: Oct 28 09:01:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

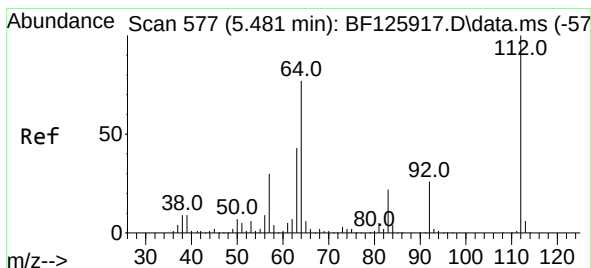
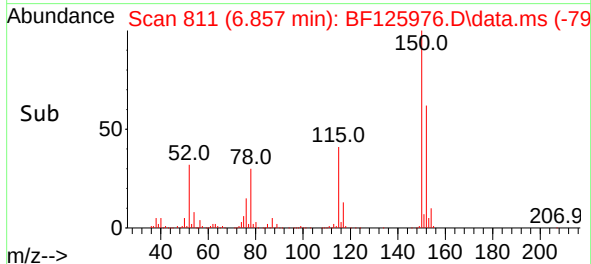
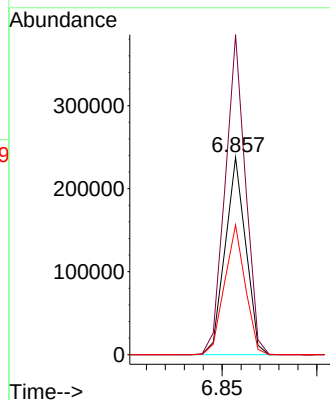
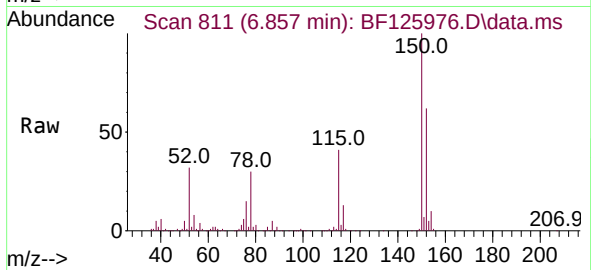




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

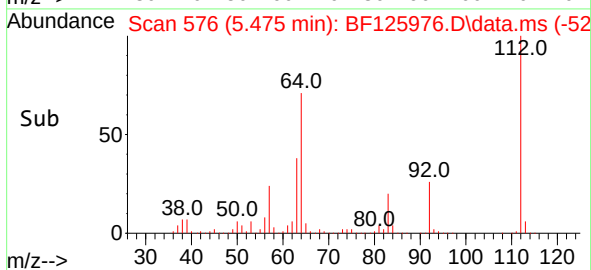
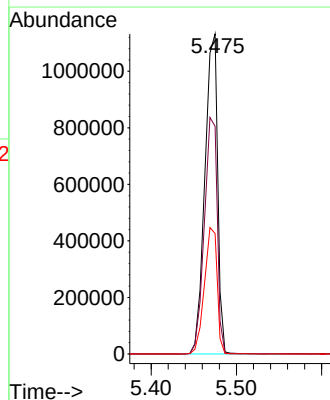
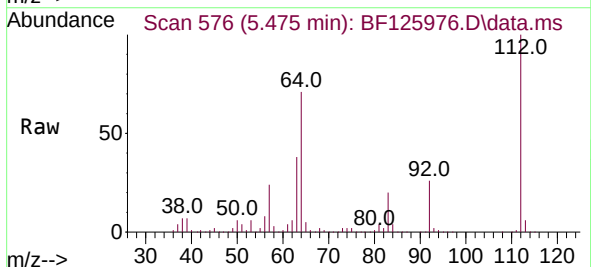
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

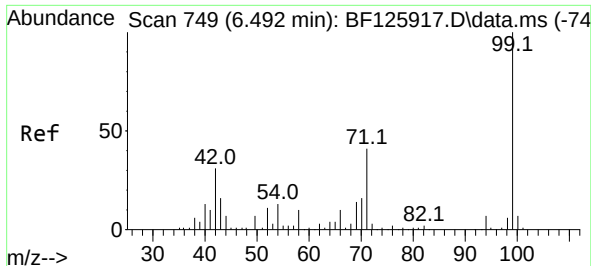
Tgt Ion:152 Resp: 180459
Ion Ratio Lower Upper
152 100
150 162.0 117.6 176.4
115 65.7 47.1 70.7



#5
2-Fluorophenol
Concen: 97.436 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:112 Resp: 1180460
Ion Ratio Lower Upper
112 100
64 71.2 44.2 66.2#
63 37.6 26.2 39.2

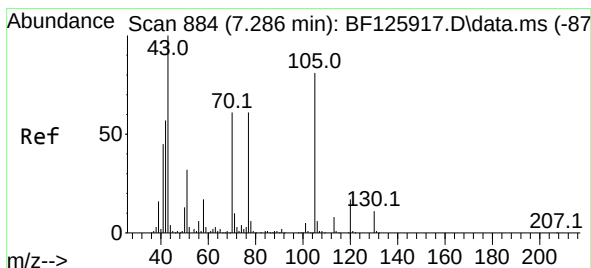
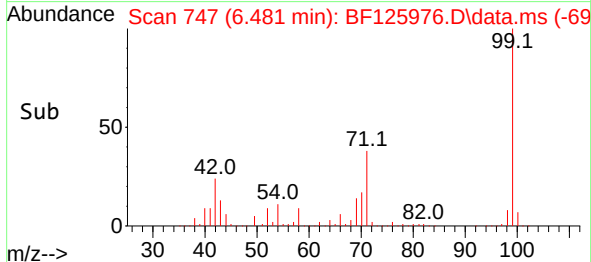
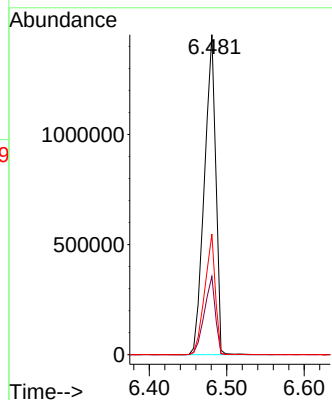
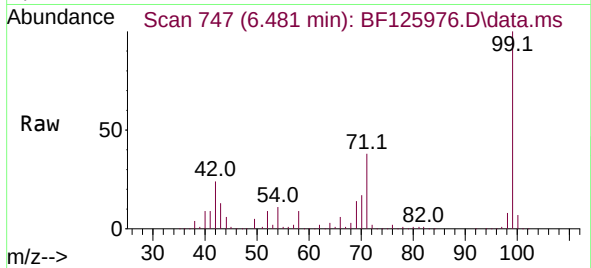




#7
Phenol-d6
Concen: 89.656 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

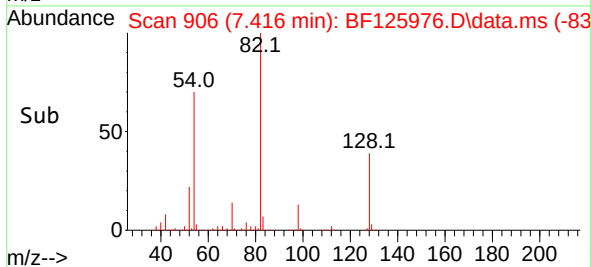
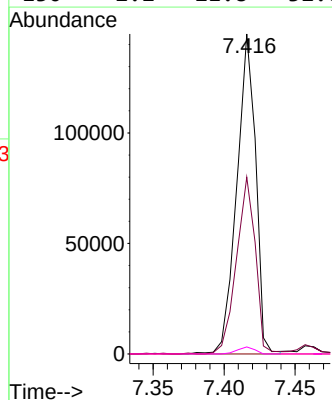
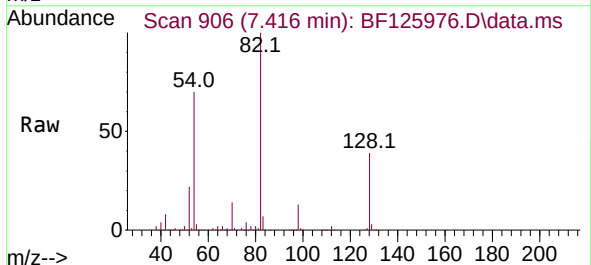
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

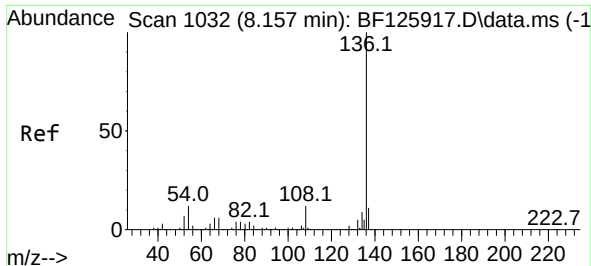
Tgt Ion: 99 Resp: 1489812
Ion Ratio Lower Upper
99 100
42 24.4 23.5 35.3
71 37.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.126 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.129 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

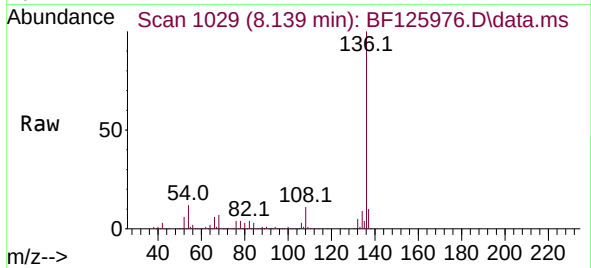
Tgt Ion: 70 Resp: 134108
Ion Ratio Lower Upper
70 100
42 55.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



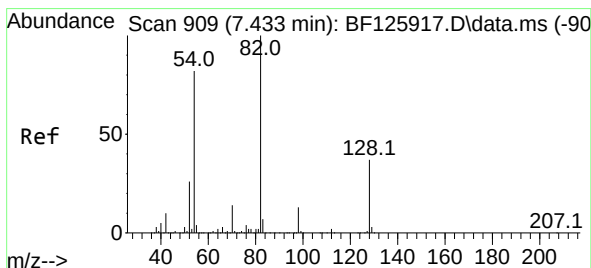
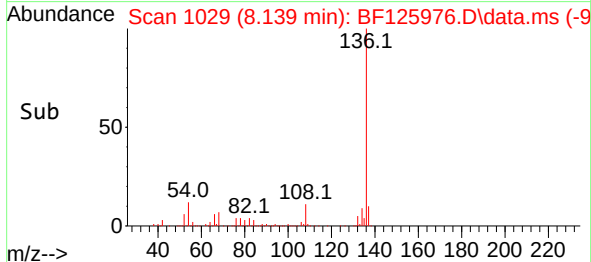
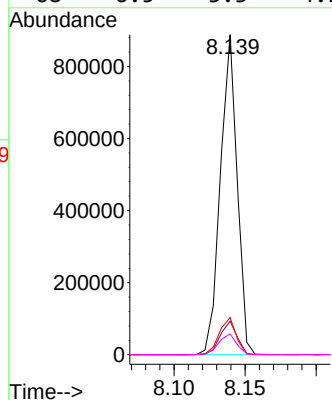


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Instrument :
BNA_F
ClientSampleId :
TR-05-102621

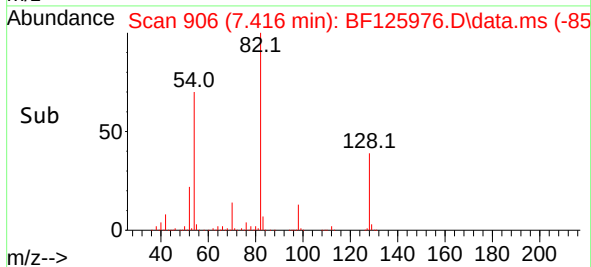
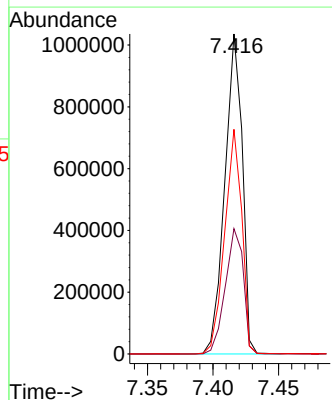
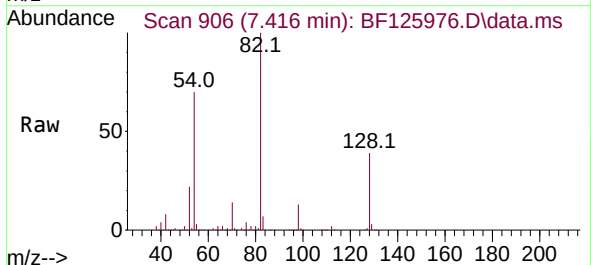


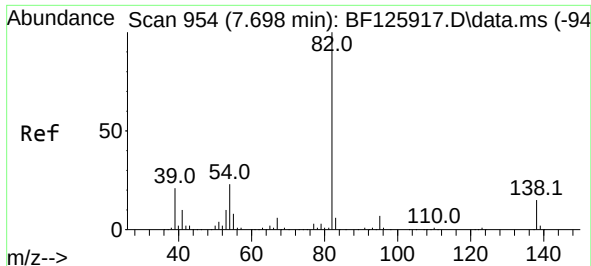
Tgt Ion:	136	Resp:	727709
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	11.6	6.4	9.6#
68	6.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 68.095 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:	82	Resp:	959344
Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	60.8#
54	70.2	49.6	74.4

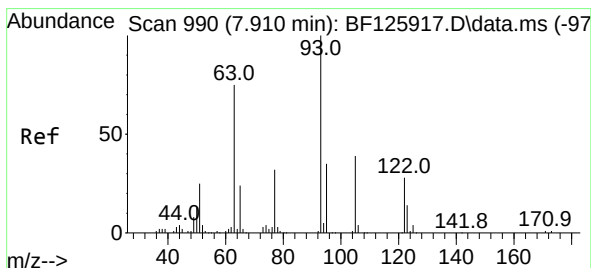
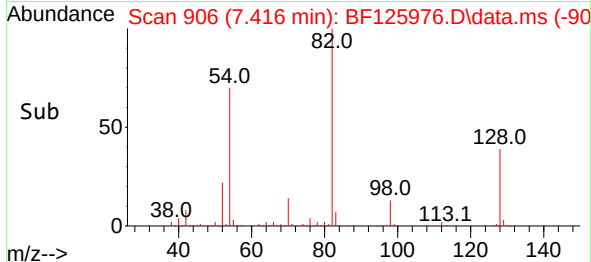
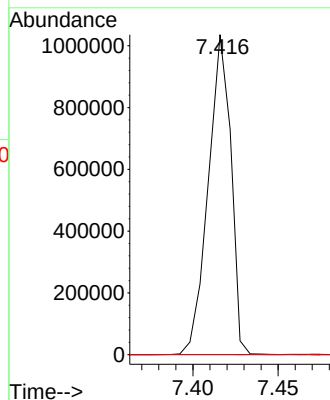
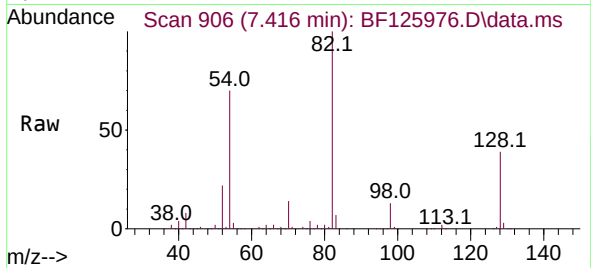




#25
Isophorone
Concen: 35.638 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.282 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

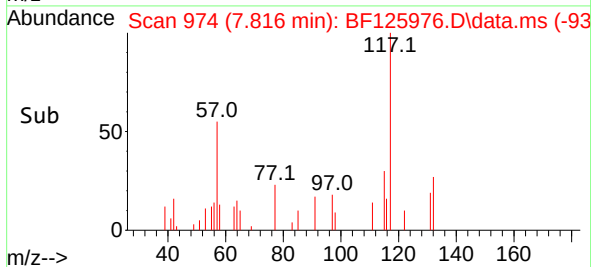
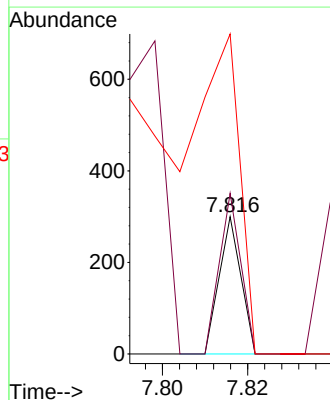
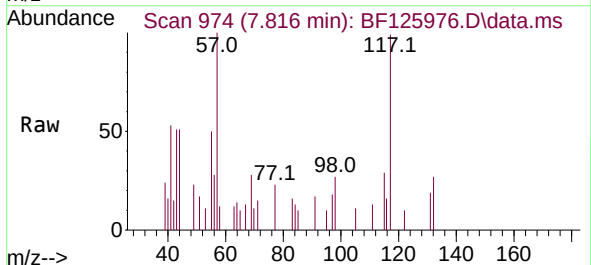
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

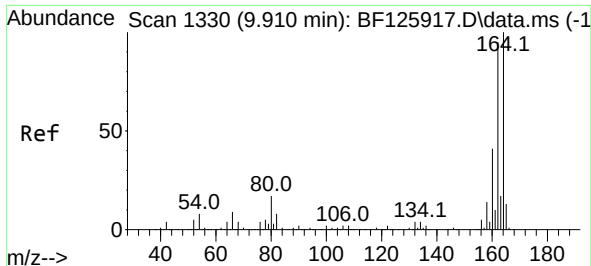
Tgt Ion: 82 Resp: 956139
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.183 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.094 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion: 122 Resp: 106
Ion Ratio Lower Upper
122 100
105 117.0 97.6 137.6
77 233.0 59.6 99.6#

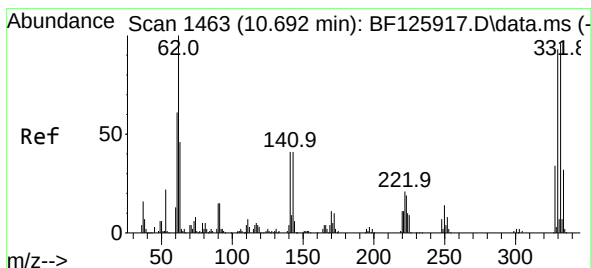
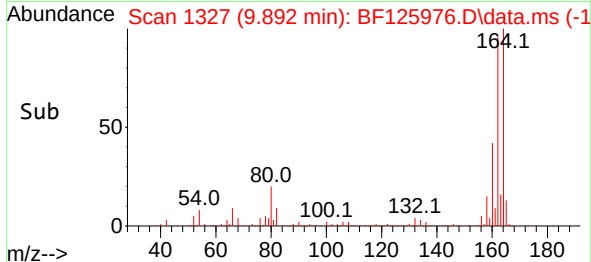
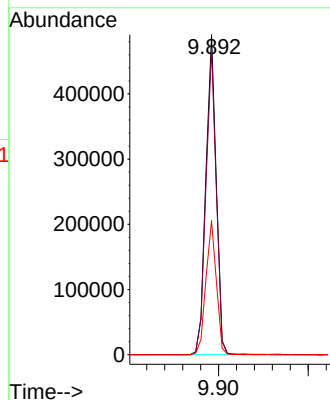
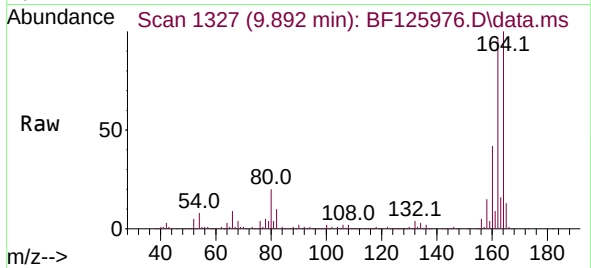




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

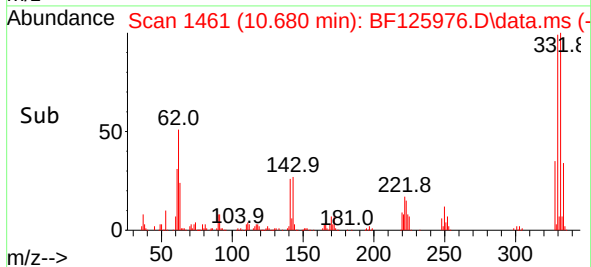
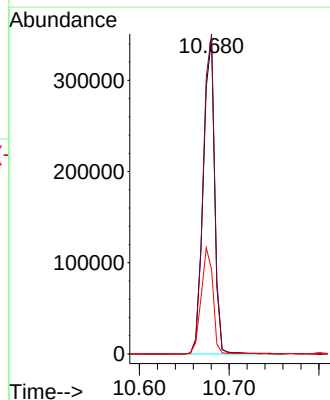
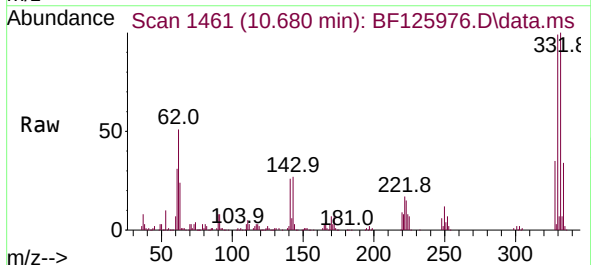
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

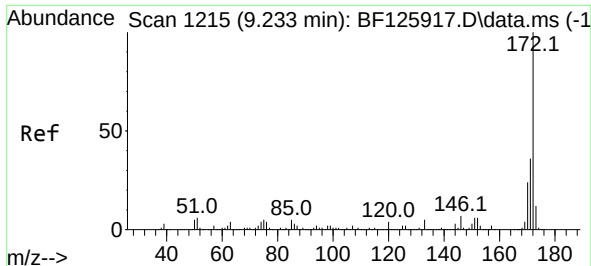
Tgt Ion:164 Resp: 392918
Ion Ratio Lower Upper
164 100
162 95.6 81.3 121.9
160 41.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 88.534 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:330 Resp: 303251
Ion Ratio Lower Upper
330 100
332 102.7 76.2 114.4
141 35.0 44.6 66.8#

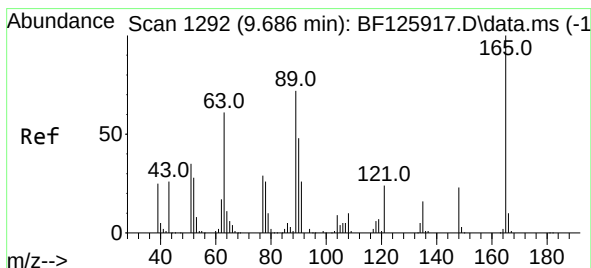
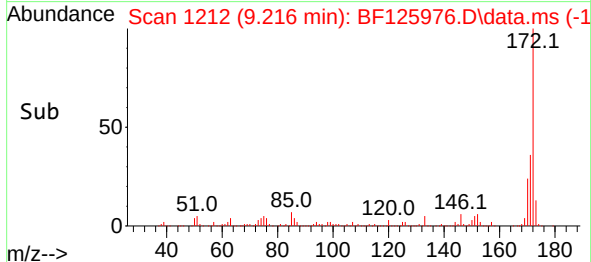
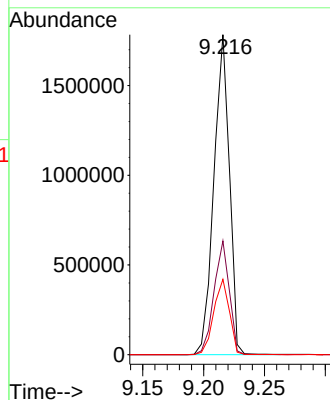
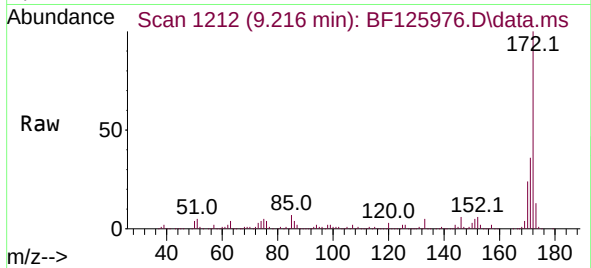




#45
2-Fluorobiphenyl
Concen: 70.961 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

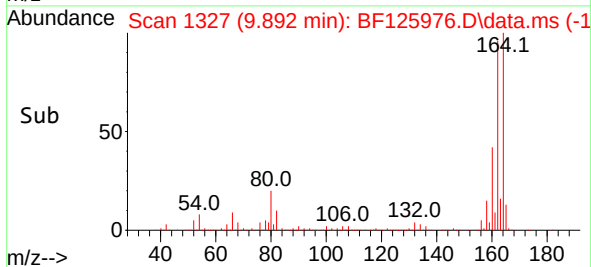
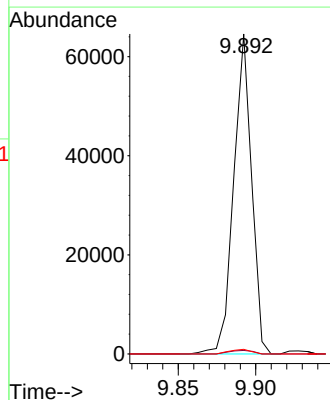
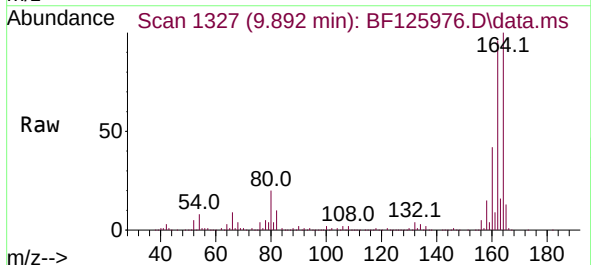
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

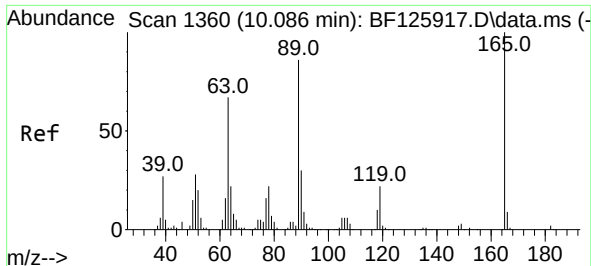
Tgt Ion:172 Resp: 1576645
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.789 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

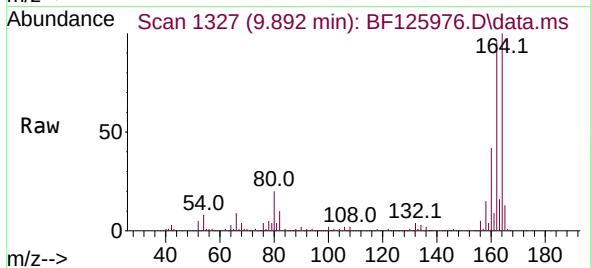
Tgt Ion:165 Resp: 51792
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.4 40.6 60.8#



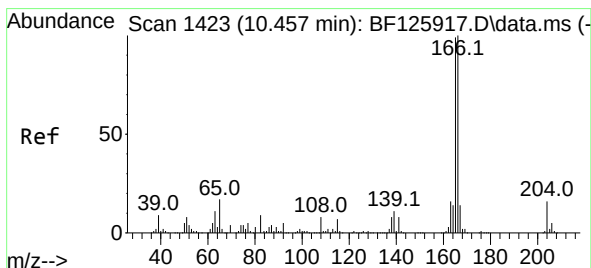
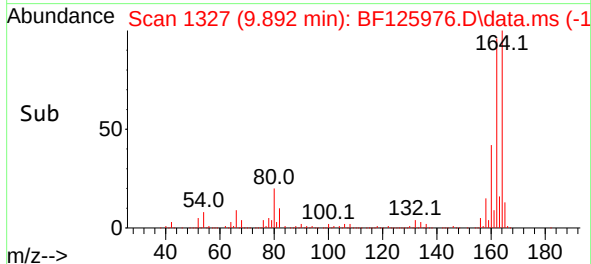
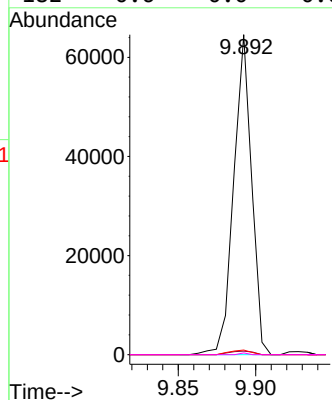


#57
2,4-Dinitrotoluene
Concen: 8.783 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Instrument :
BNA_F
ClientSampleId :
TR-05-102621

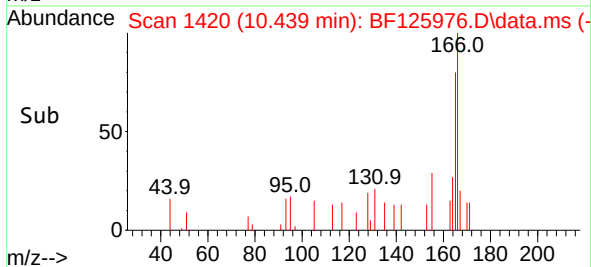
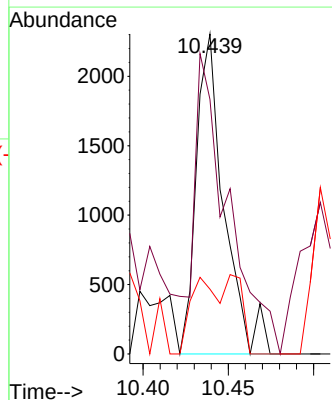
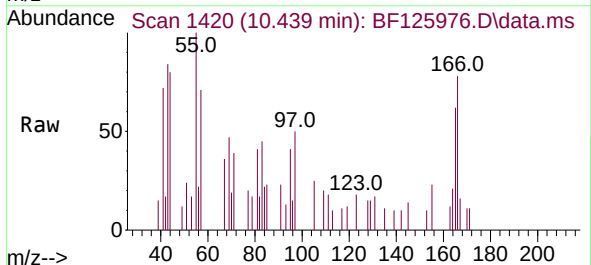


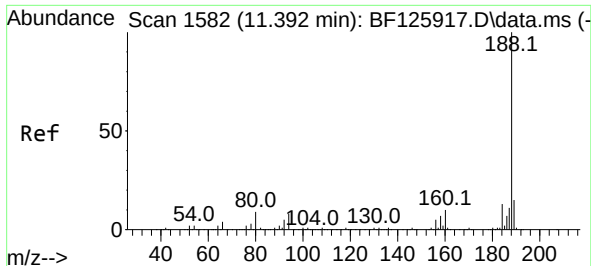
Tgt Ion:165 Resp: 51792
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.4 59.7 89.5#
182 0.6 0.0 0.0#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1420
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

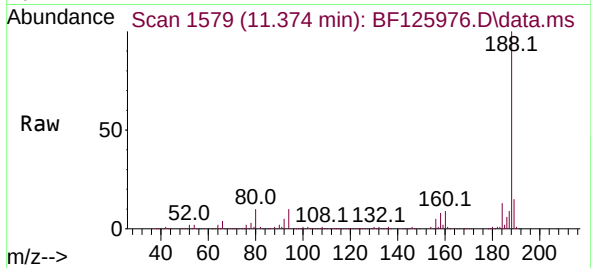
Tgt Ion:166 Resp: 2601
Ion Ratio Lower Upper
166 100
165 79.6 78.1 117.1
167 20.3 11.1 16.7#



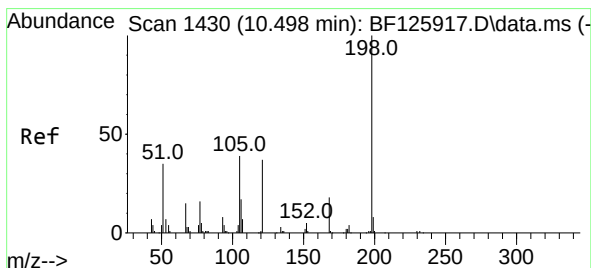
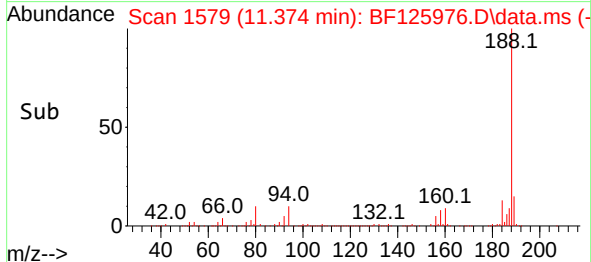
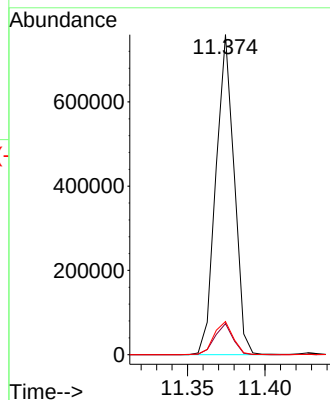


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Instrument :
BNA_F
ClientSampleId :
TR-05-102621

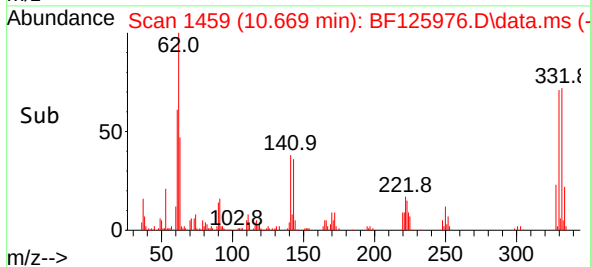
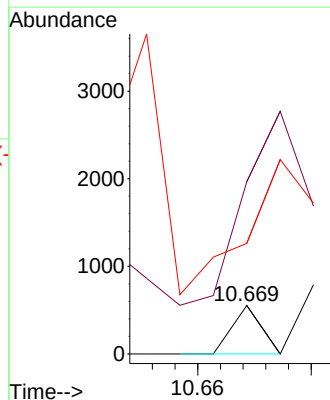
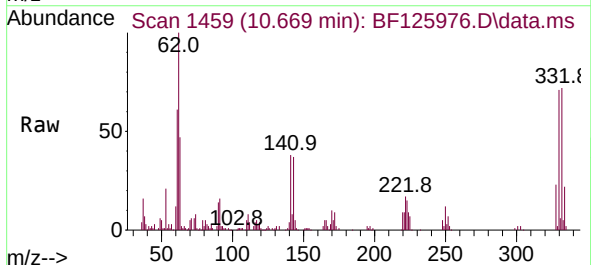


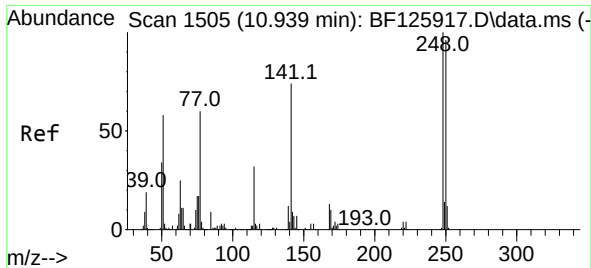
Tgt Ion:188 Resp: 623258
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.128 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.171 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:198 Resp: 195
Ion Ratio Lower Upper
198 100
51 355.5 45.3 85.3#
105 228.0 30.6 70.6#

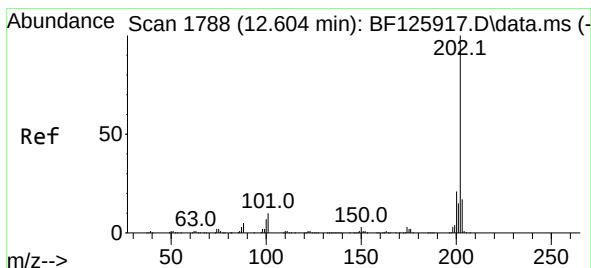
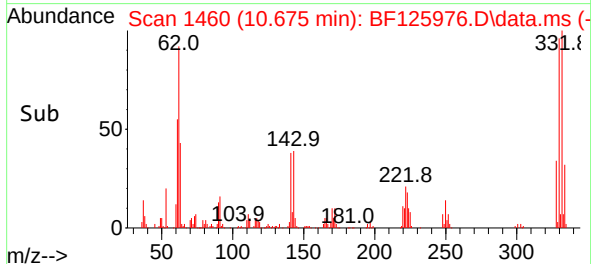
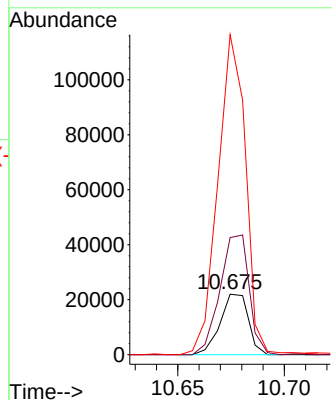
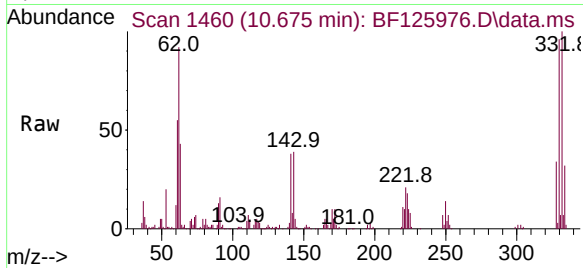




#67
4-Bromophenyl-phenylether
Concen: 3.047 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.265 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

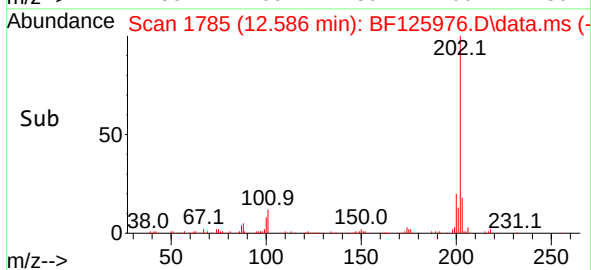
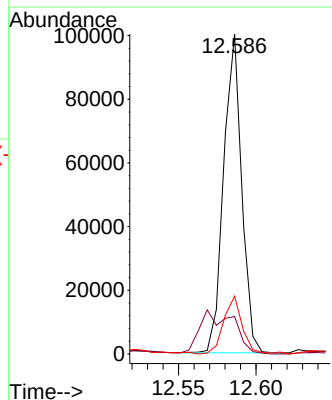
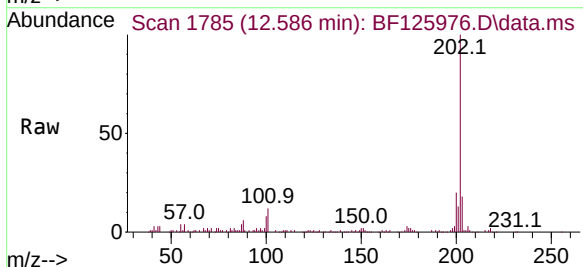
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

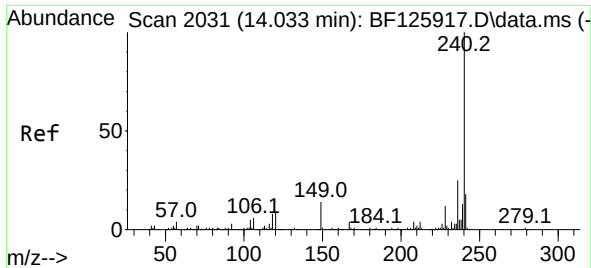
Tgt Ion:248 Resp: 20288
Ion Ratio Lower Upper
248 100
250 193.5 74.2 111.4#
141 528.5 60.4 90.6#



#75
Fluoranthene
Concen: 2.484 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:202 Resp: 80983
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 18.1 0.0 36.3

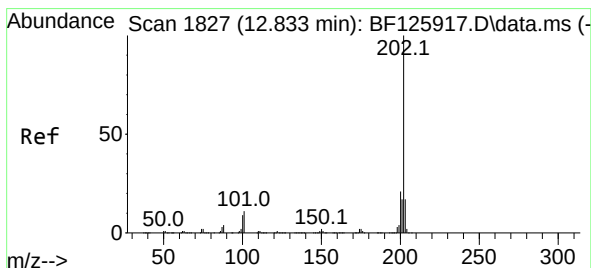
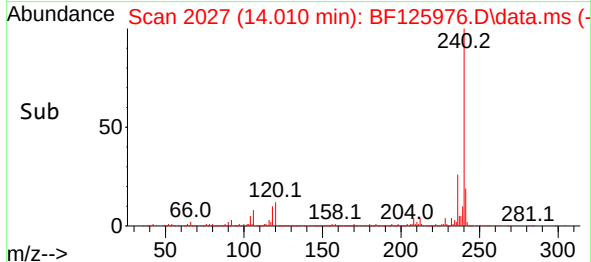
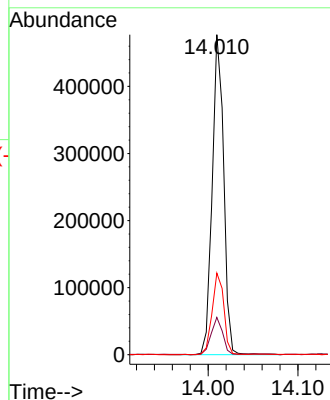
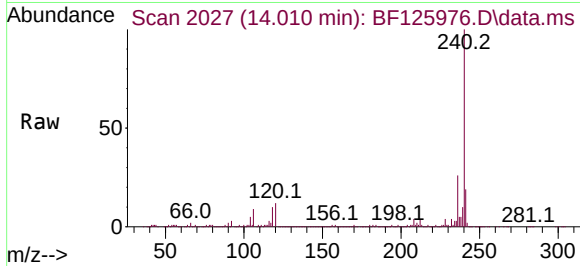




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

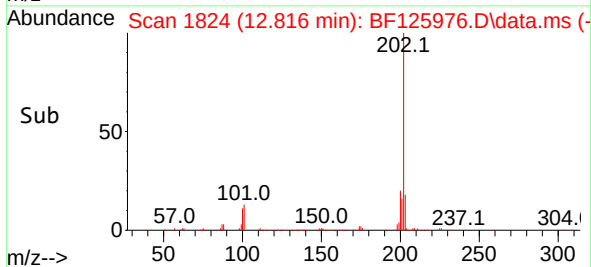
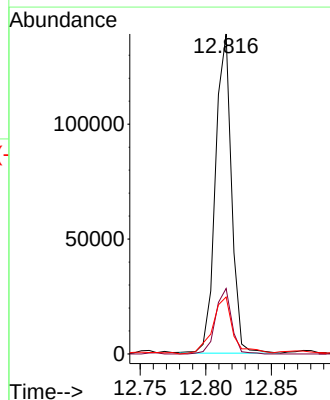
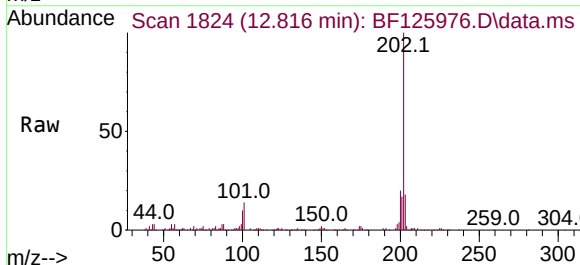
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

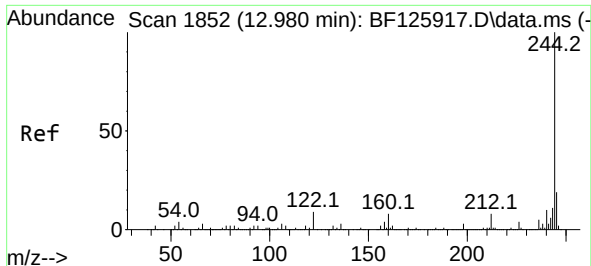
Tgt Ion:240 Resp: 422283
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.5 21.6 32.4



#78
Pyrene
Concen: 3.007 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:202 Resp: 118184
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 17.8 13.4 20.0

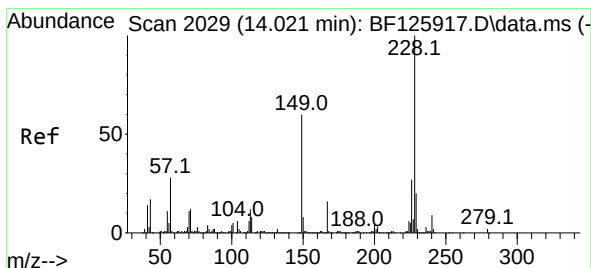
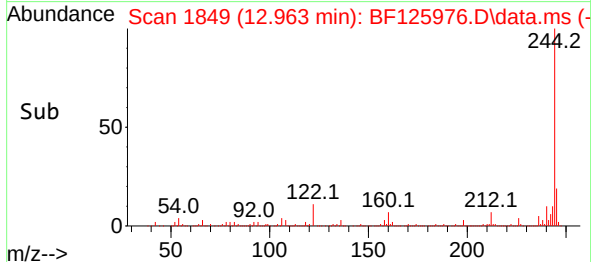
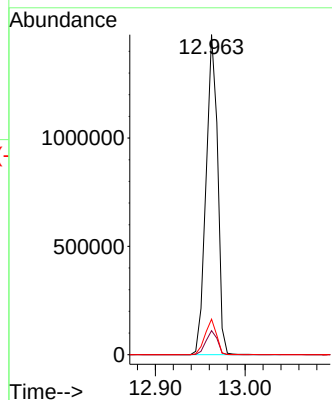
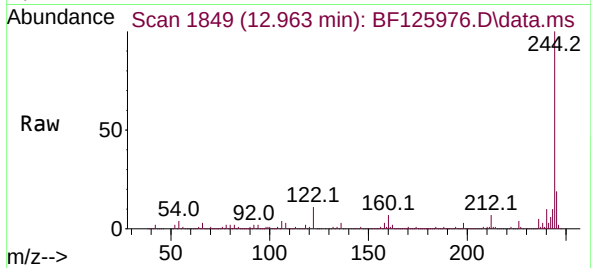




#79
Terphenyl-d14
Concen: 51.285 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.018 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

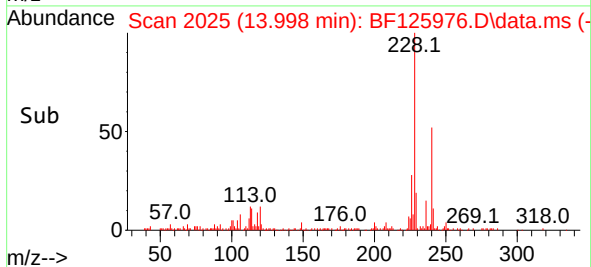
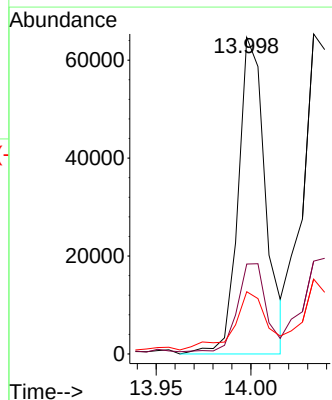
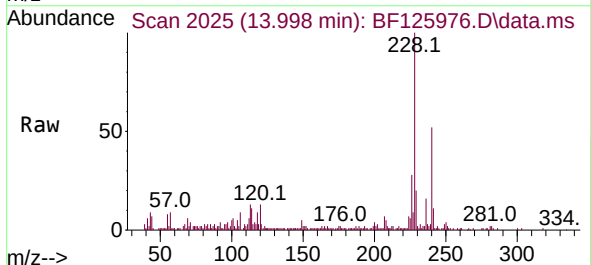
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

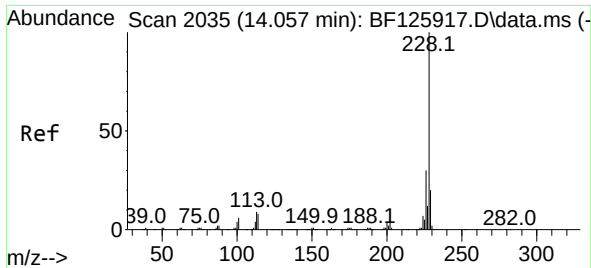
Tgt Ion:244 Resp: 1323971
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.1 9.0 13.4



#81
Benzo(a)anthracene
Concen: 2.278 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:228 Resp: 64752
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 19.7 15.6 23.4

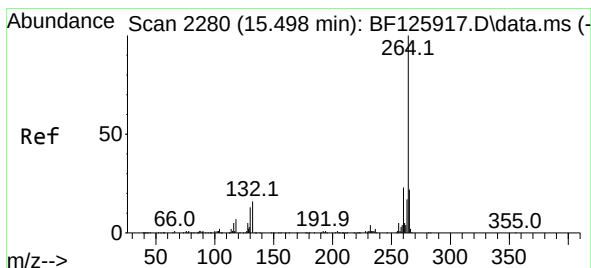
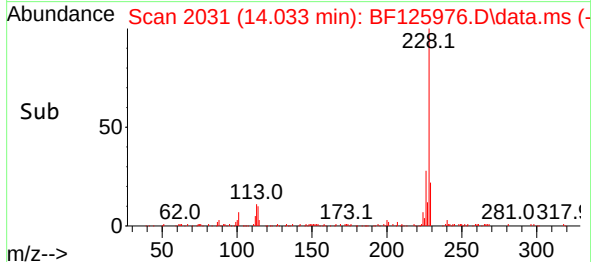
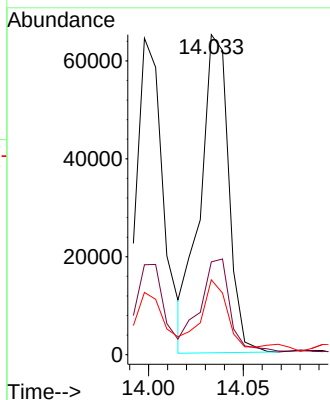
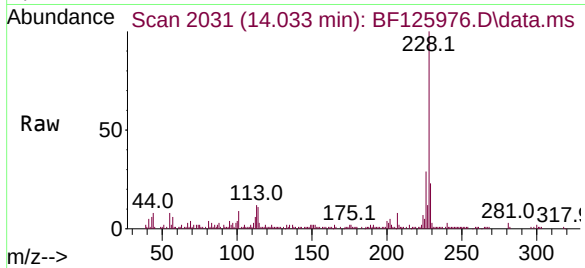




#83
Chrysene
Concen: 2.377 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.023 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

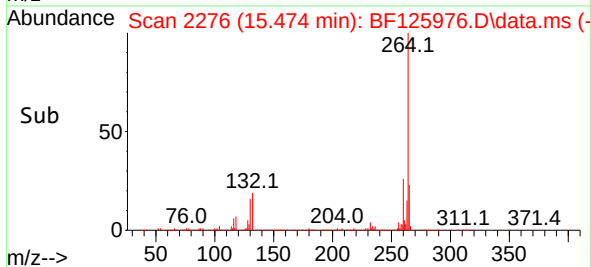
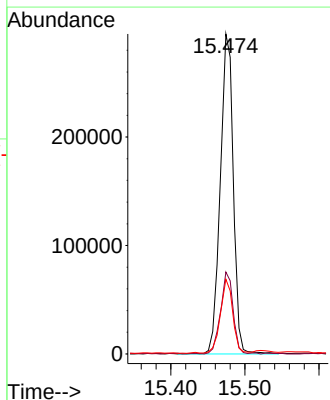
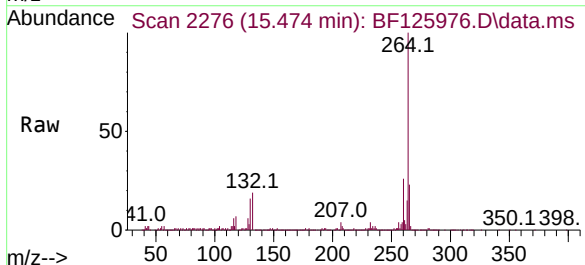
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

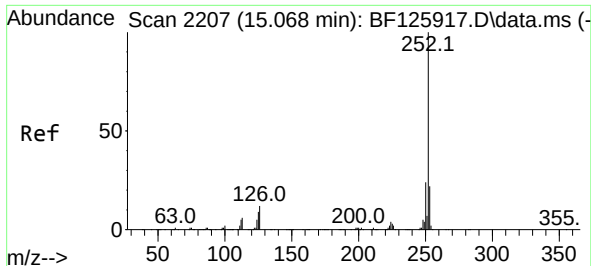
Tgt Ion:228	Resp: 68361
Ion Ratio	Lower Upper
228 100	
226 29.0	22.6 34.0
229 23.4	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.023 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:264	Resp: 361065
Ion Ratio	Lower Upper
264 100	
260 25.6	19.6 29.4
265 23.4	17.2 25.8

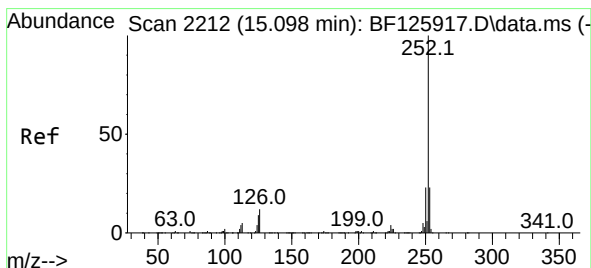
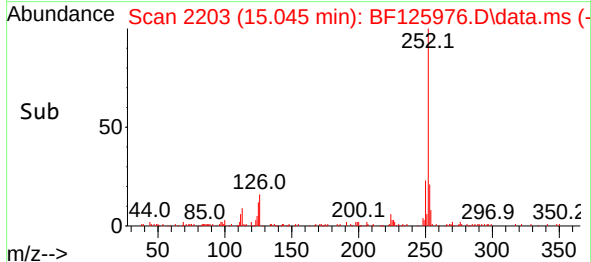
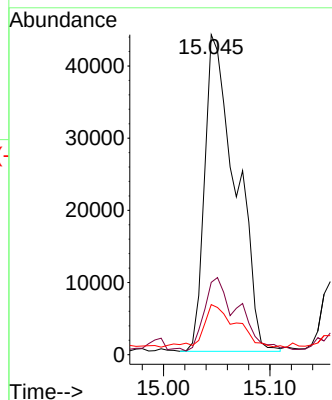
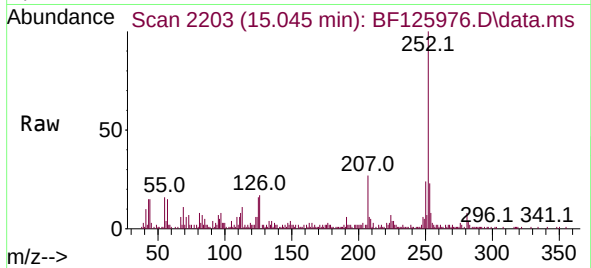




#88
Benzo(b)fluoranthene
Concen: 3.742 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.023 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

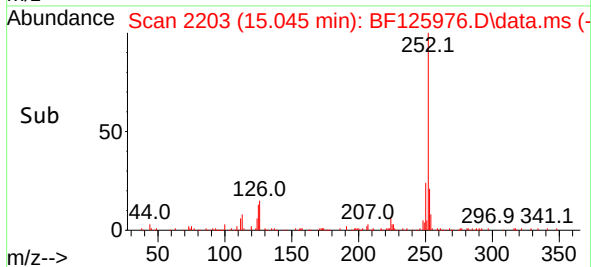
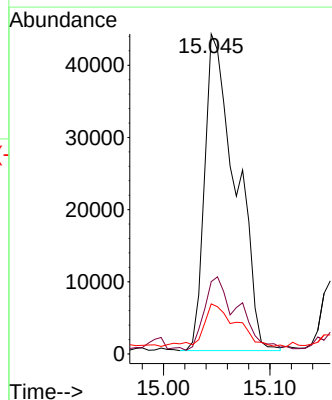
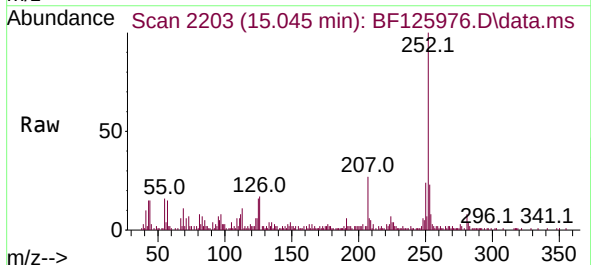
Instrument :
BNA_F
ClientSampleId :
TR-05-102621

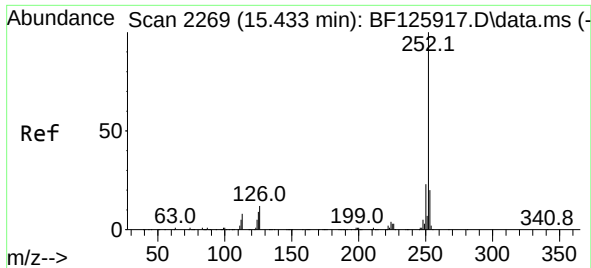
Tgt Ion:252 Resp: 89175
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 15.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.895 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.053 min
Lab File: BF125976.D
Acq: 27 Oct 2021 21:58

Tgt Ion:252 Resp: 89175
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 15.7 7.2 10.8#





#90
 Benzo(a)pyrene
 Concen: 2.712 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.023 min
 Lab File: BF125976.D
 Acq: 27 Oct 2021 21:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102621

Tgt Ion:252	Resp:	52173
Ion Ratio	Lower	Upper
252	100	
253	20.1	18.4 27.6
125	13.5	9.9 14.9

