

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126676.D
 Acq On : 25 Jan 2022 20:56
 Operator : CG/JU
 Sample : N1251-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275

Quant Time: Jan 26 00:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

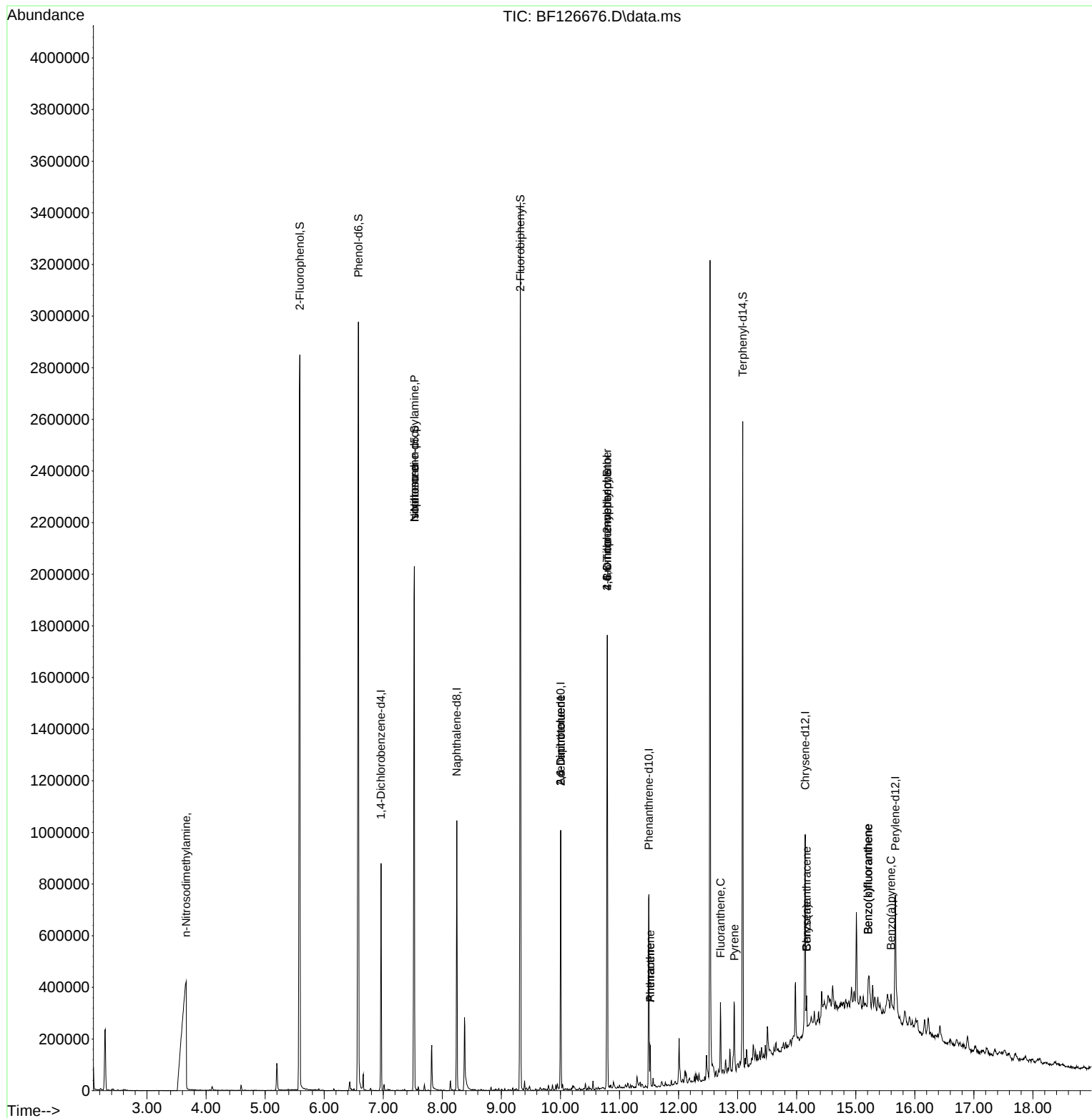
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	101528	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	374091	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	178276	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	256733	20.000	ng	0.00
76) Chrysene-d12	14.145	240	236133	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	214123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	813020	105.375	ng	0.00
7) Phenol-d6	6.581	99	1078832	100.640	ng	0.00
23) Nitrobenzene-d5	7.528	82	795413	83.224	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	169435	101.556	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	911468	78.301	ng	0.00
79) Terphenyl-d14	13.086	244	755899	53.692	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.663	42	46623	12.370	ng	# 1
9) Benzaldehyde	6.516	77	123	Below Cal		# 77
19) n-Nitroso-di-n-propyla...	7.528	70	108168	13.826	ng	# 68
25) Isophorone	7.528	82	795404	42.913	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	22881	10.472	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	22881	8.642	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	475	7.699	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	11161	3.772	ng	# 1
71) Phenanthrene	11.522	178	55261	3.768	ng	98
72) Anthracene	11.522	178	55261	3.755	ng	99
75) Fluoranthene	12.710	202	94300	6.509	ng	98
78) Pyrene	12.945	202	89822	4.704	ng	99
81) Benzo(a)anthracene	14.168	228	47536	2.962	ng	95
83) Chrysene	14.168	228	47536	3.078	ng	98
88) Benzo(b)fluoranthene	15.210	252	66214	4.663	ng	# 94
89) Benzo(k)fluoranthene	15.210	252	66214	4.749	ng	# 93
90) Benzo(a)pyrene	15.598	252	35049	3.034	ng	# 92

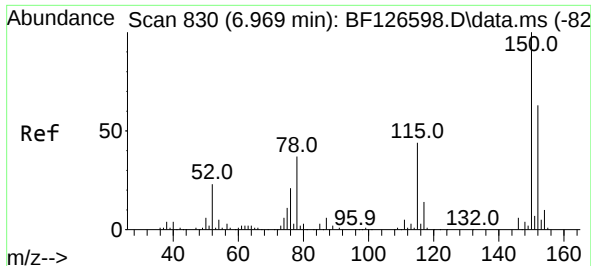
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126676.D
Acq On : 25 Jan 2022 20:56
Operator : CG/JU
Sample : N1251-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275

Quant Time: Jan 26 00:23:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

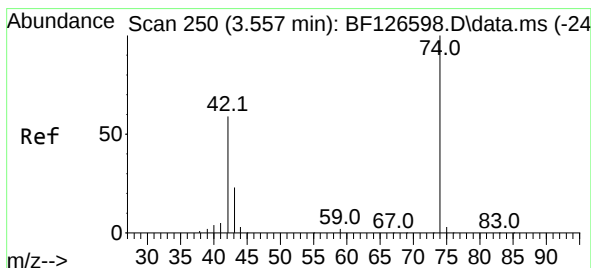
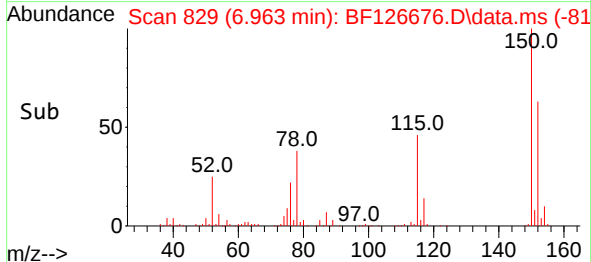
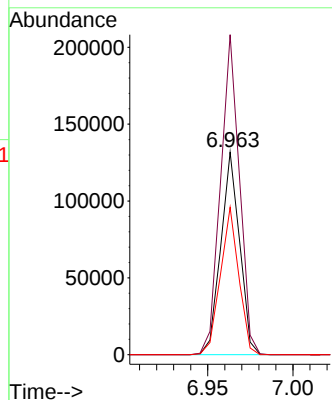
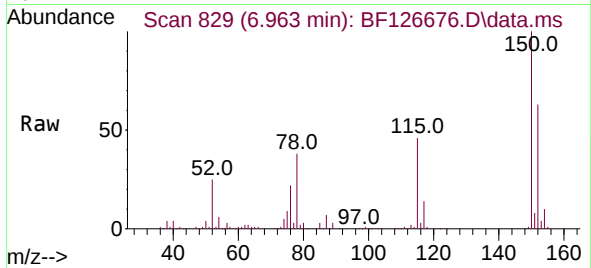




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

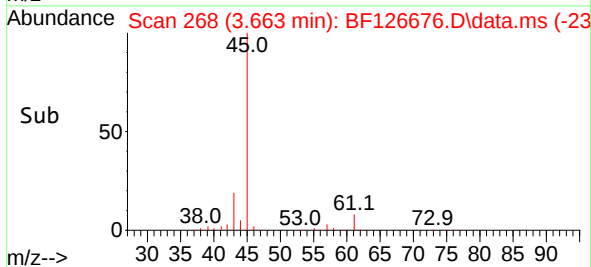
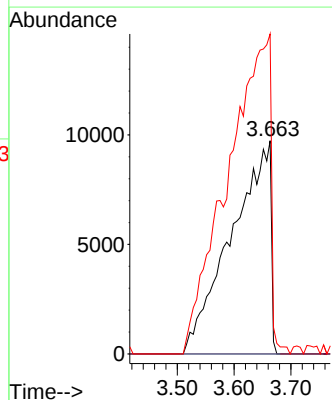
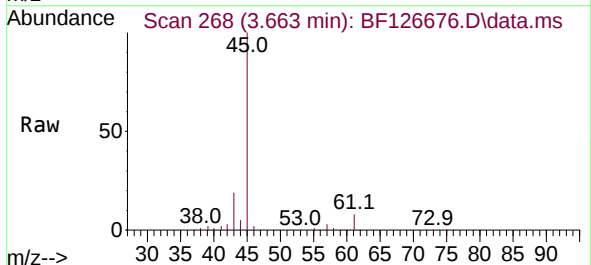
Instrument :
BNA_F
ClientSampleId :
275

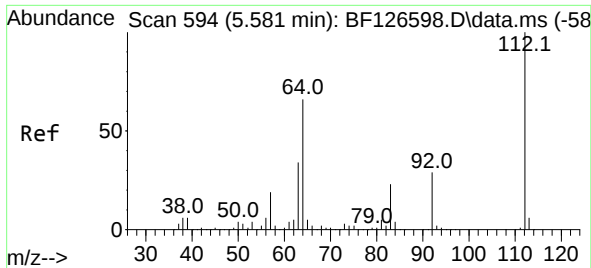
Tgt Ion:152 Resp: 101528
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 72.7 56.7 85.1



#4
n-Nitrosodimethylamine
Concen: 12.370 ng
RT: 3.663 min Scan# 268
Delta R.T. 0.106 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion: 42 Resp: 46623
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 150.1 5.7 8.5#

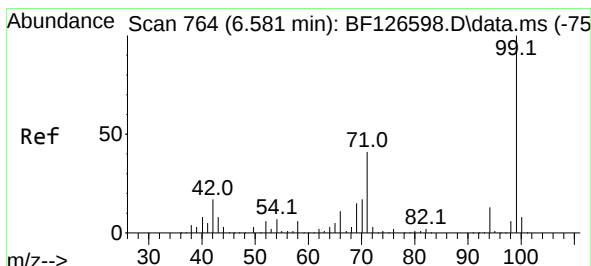
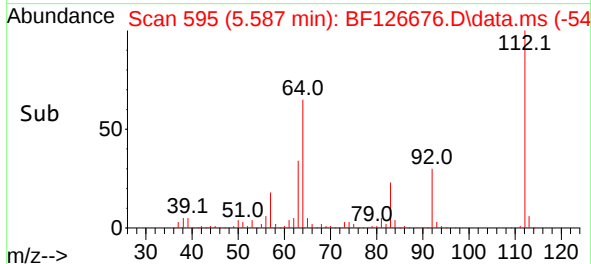
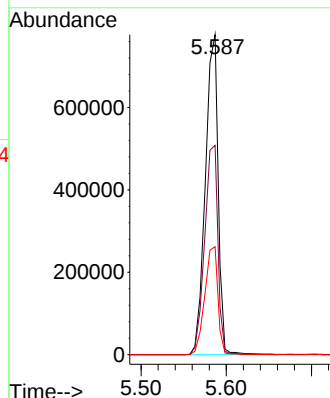
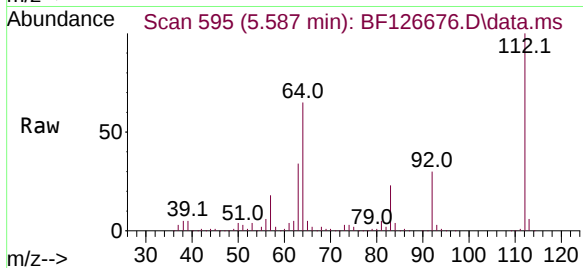




#5
2-Fluorophenol
Concen: 105.375 ng
RT: 5.587 min Scan# 594
Delta R.T. 0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

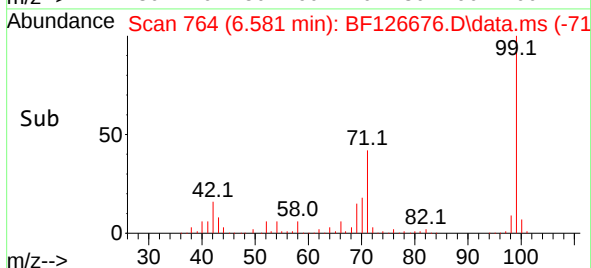
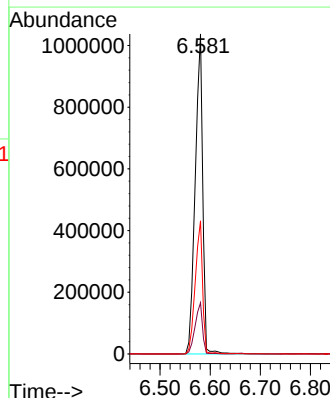
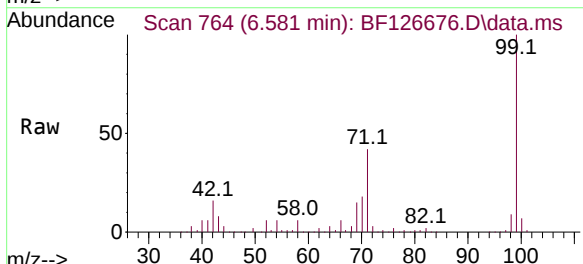
Instrument :
BNA_F
ClientSampleId :
275

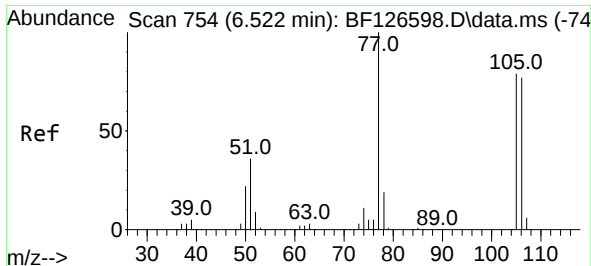
Tgt Ion:112 Resp: 813020
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 33.7 23.9 35.9



#7
Phenol-d6
Concen: 100.640 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion: 99 Resp: 1078832
Ion Ratio Lower Upper
99 100
42 16.0 14.2 21.4
71 41.6 24.3 36.5#

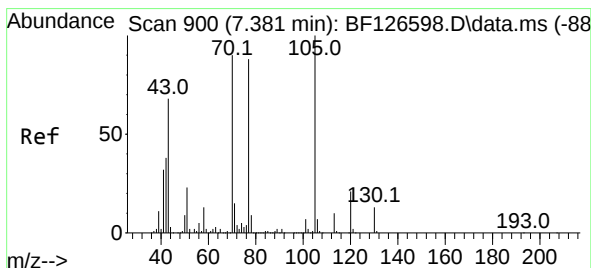
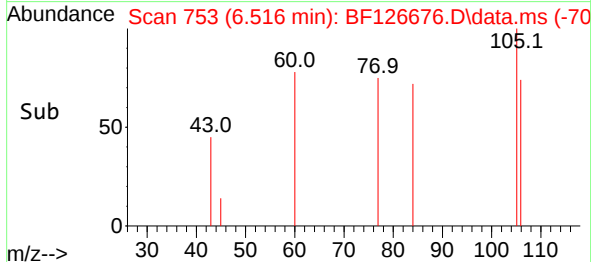
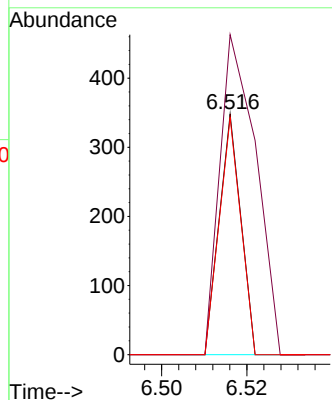
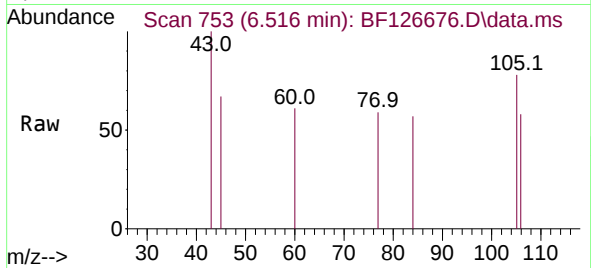




#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

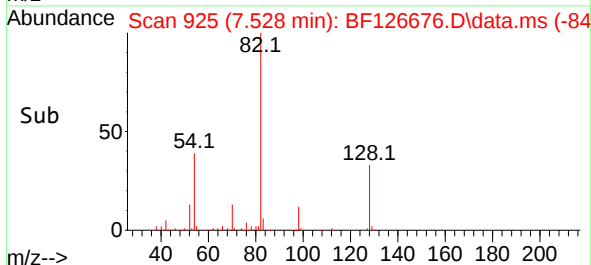
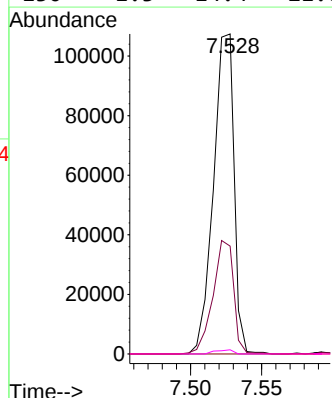
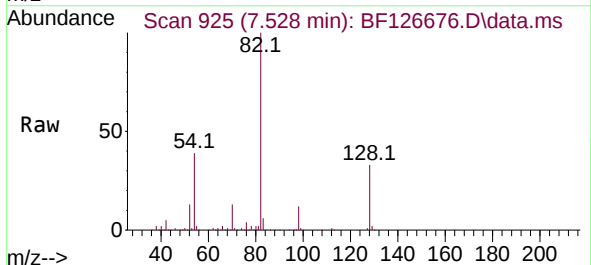
Instrument :
BNA_F
ClientSampleId :
275

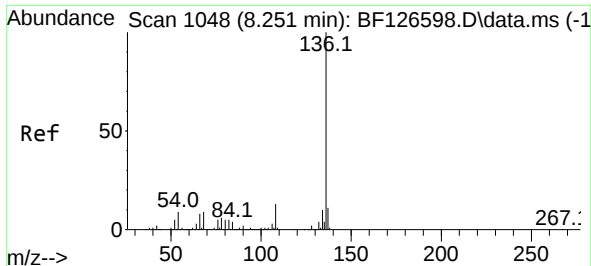
Tgt Ion: 77	Resp: 123
Ion Ratio	Lower Upper
77	100
105	133.0 74.9 114.9#
106	98.6 72.4 112.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.826 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.147 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion: 70	Resp: 108168
Ion Ratio	Lower Upper
70	100
42	33.7 45.8 68.8#
101	0.0 6.9 10.3#
130	1.3 14.4 21.6#

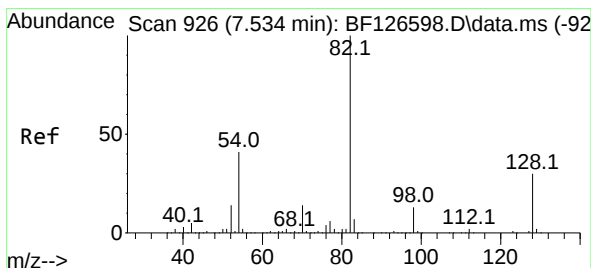
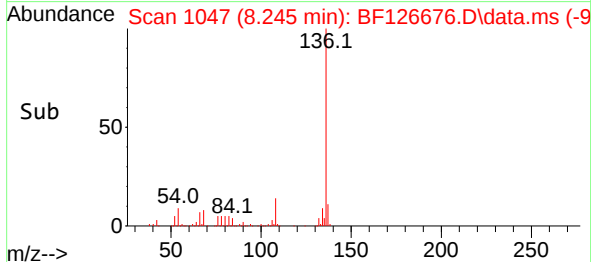
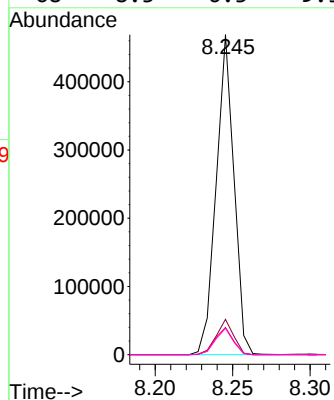
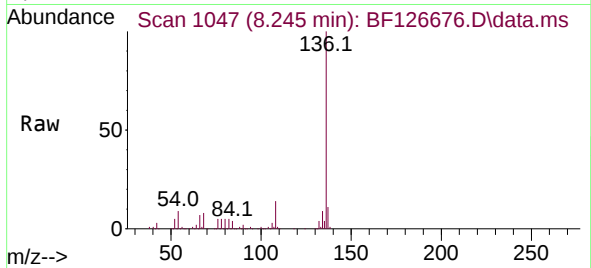




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

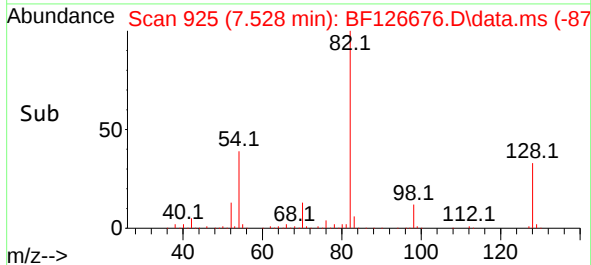
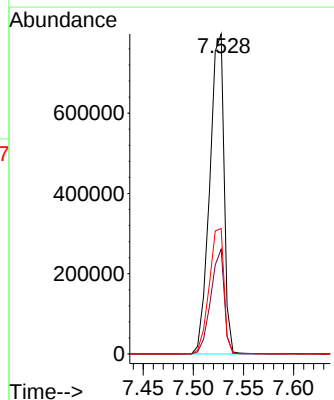
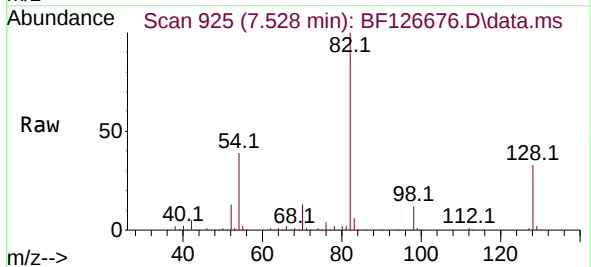
Instrument :
BNA_F
ClientSampleId :
275

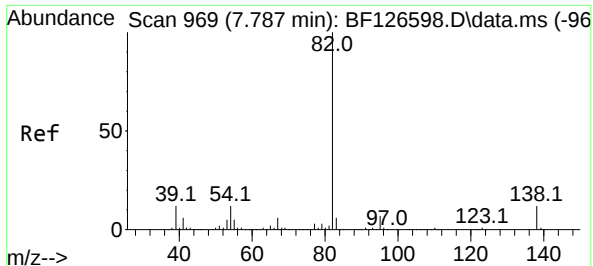
Tgt Ion:	136	Resp:	374091
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.5	7.8	11.6
68	8.3	6.3	9.5



#23
Nitrobenzene-d5
Concen: 83.224 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:	82	Resp:	795413
Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.7	49.1
54	39.2	41.7	62.5

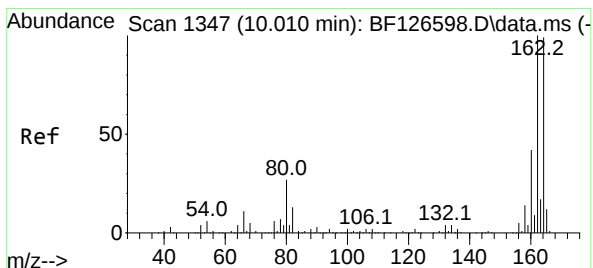
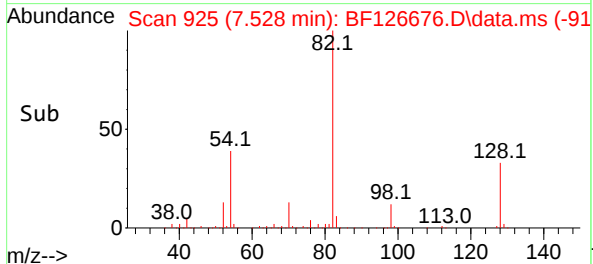
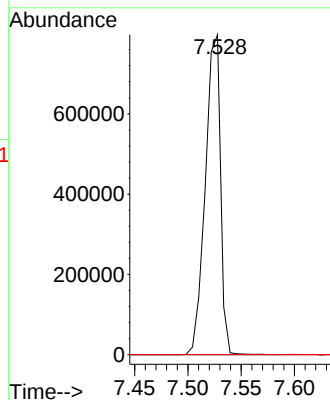
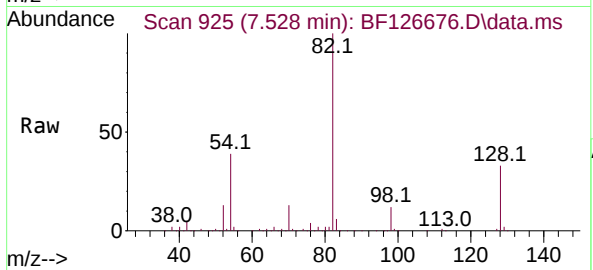




#25
Isophorone
Concen: 42.913 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

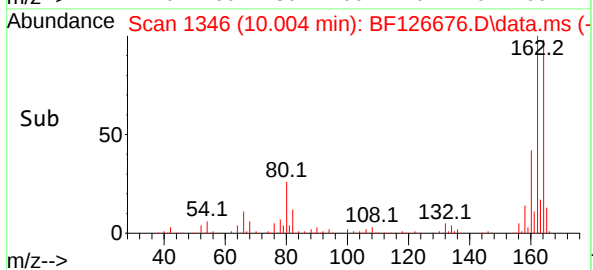
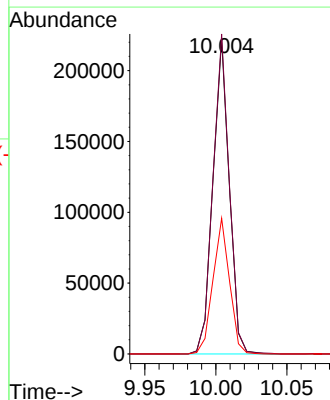
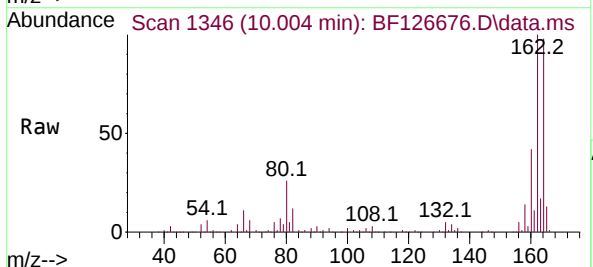
Instrument :
BNA_F
ClientSampleId :
275

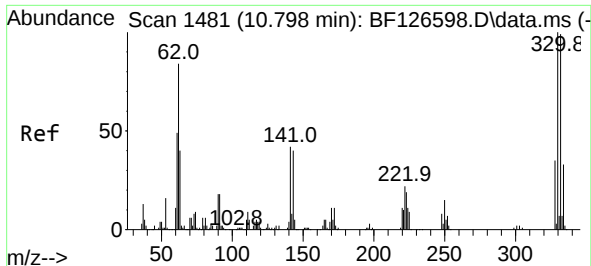
Tgt Ion: 82 Resp: 795404
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:164 Resp: 178276
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.556 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF126676.D

Acq: 25 Jan 2022 20:56

Instrument :

BNA_F

ClientSampleId :

275

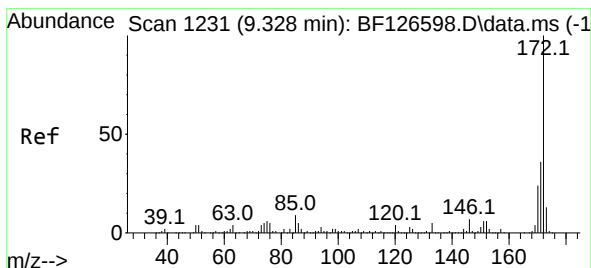
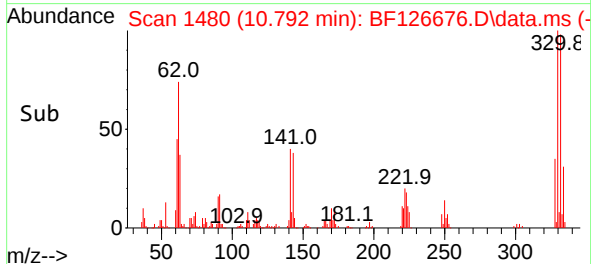
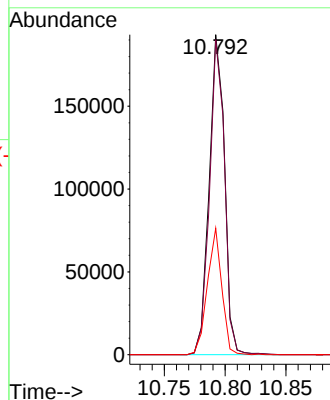
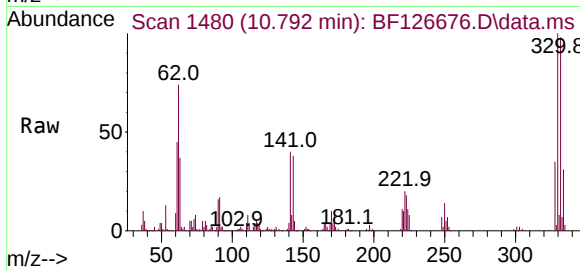
Tgt Ion:330 Resp: 169435

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.301 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126676.D

Acq: 25 Jan 2022 20:56

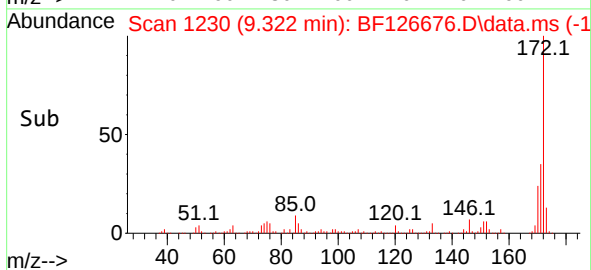
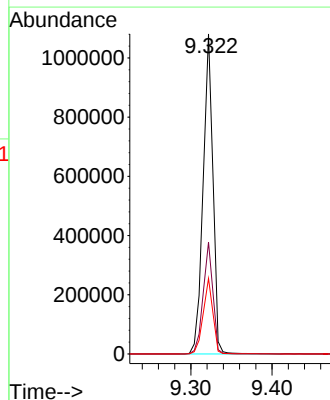
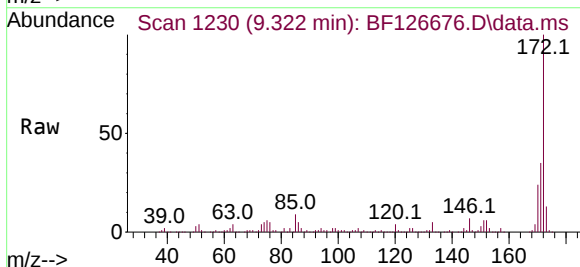
Tgt Ion:172 Resp: 911468

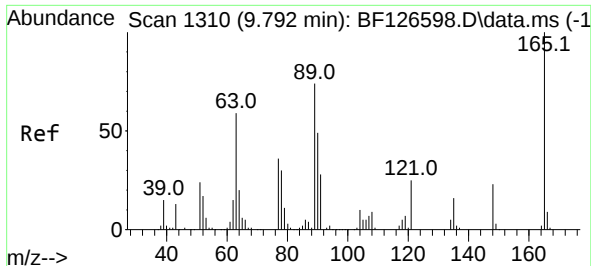
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.472 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126676.D

Acq: 25 Jan 2022 20:56

Instrument :

BNA_F

ClientSampleId :

275

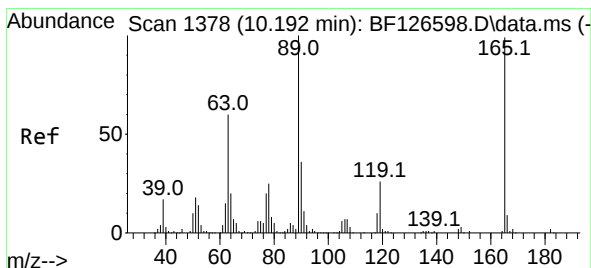
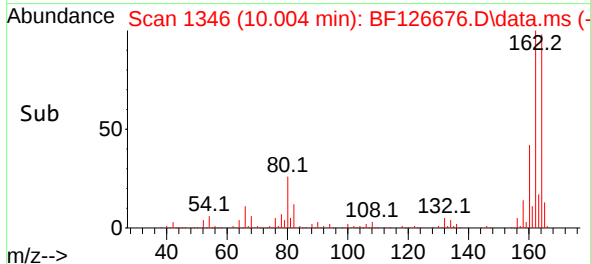
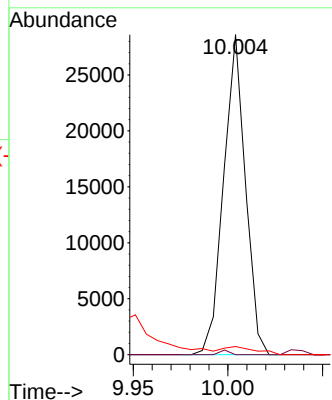
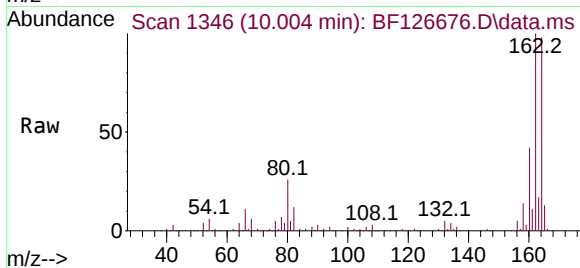
Tgt Ion:165 Resp: 22881

Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 2.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.642 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.188 min

Lab File: BF126676.D

Acq: 25 Jan 2022 20:56

Tgt Ion:165 Resp: 22881

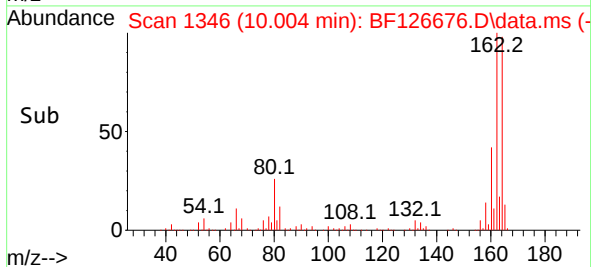
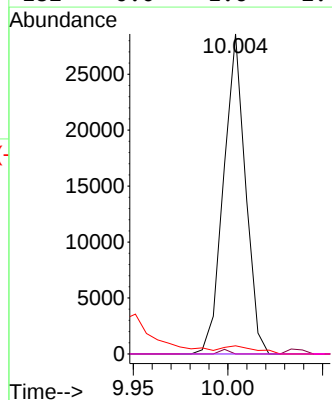
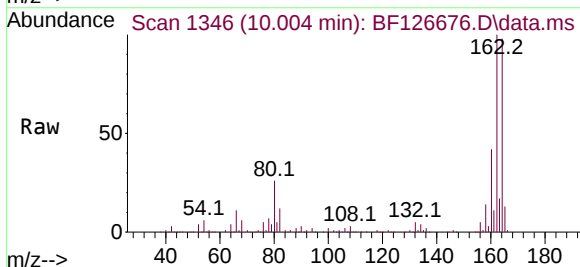
Ion Ratio Lower Upper

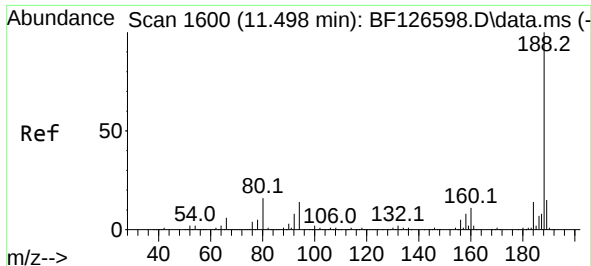
165 100

63 0.0 43.0 64.6#

89 2.5 71.0 106.4#

182 0.0 1.6 2.4#

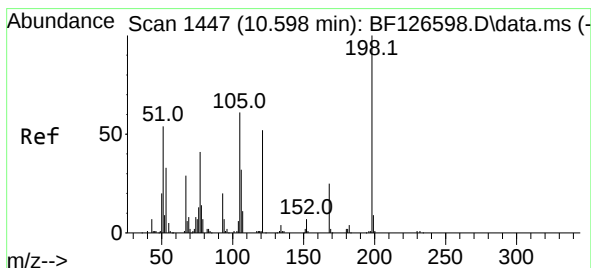
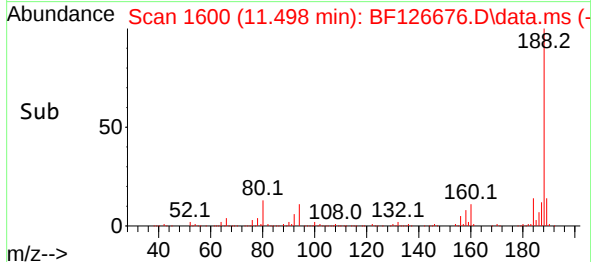
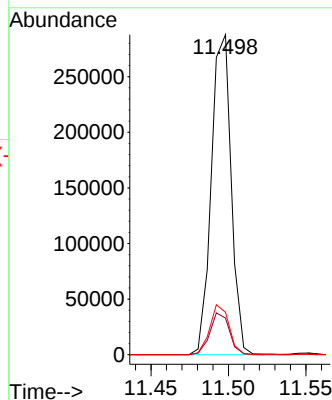
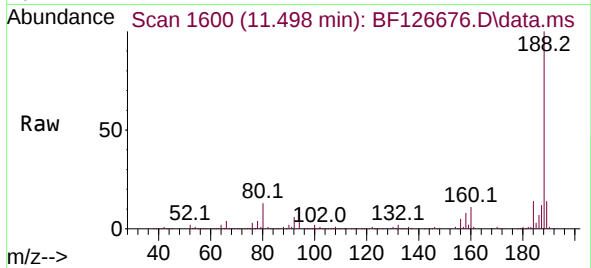




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

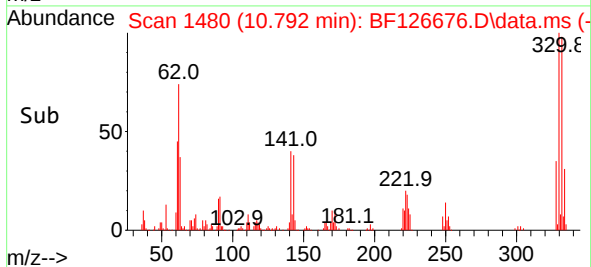
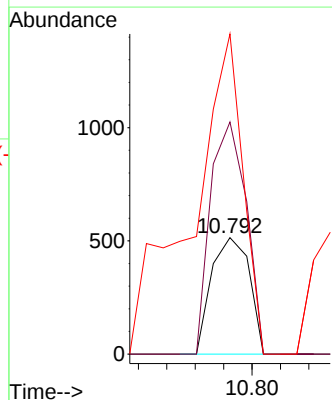
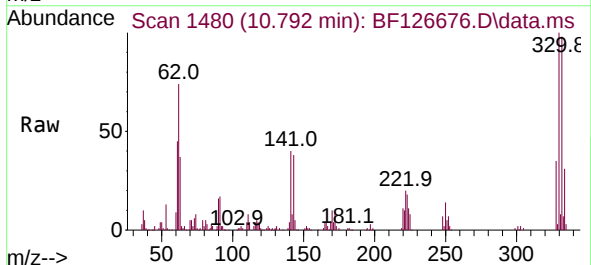
Instrument :
BNA_F
ClientSampleId :
275

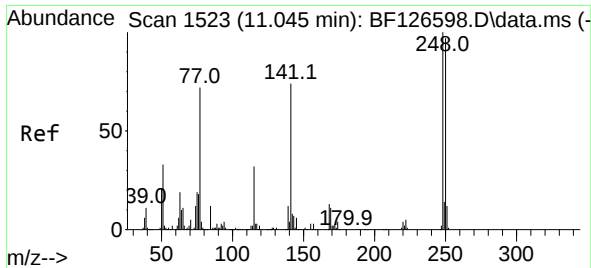
Tgt Ion:188 Resp: 256733
Ion Ratio Lower Upper
188 100
94 11.4 10.1 15.1
80 13.3 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.699 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.194 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:198 Resp: 475
Ion Ratio Lower Upper
198 100
51 199.4 32.0 72.0#
105 275.1 32.7 72.7#

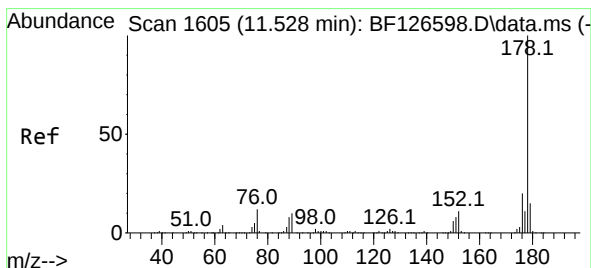
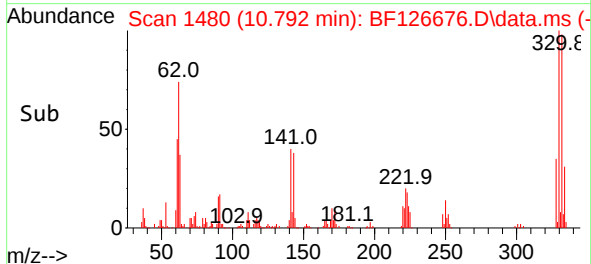
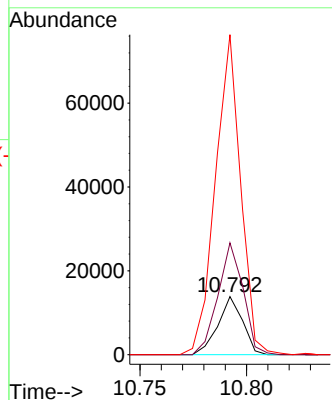
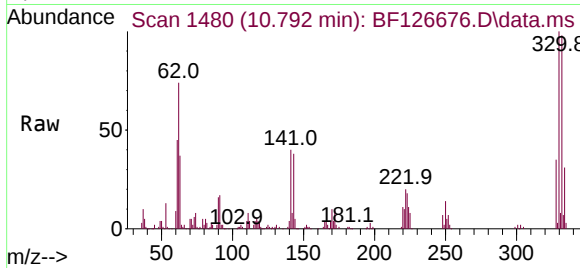




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

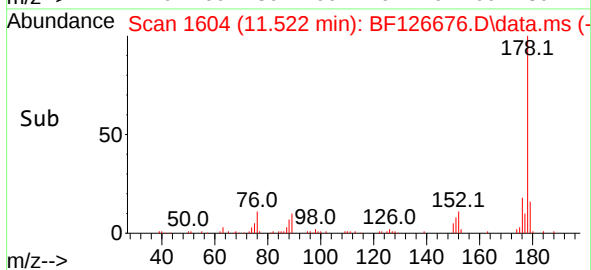
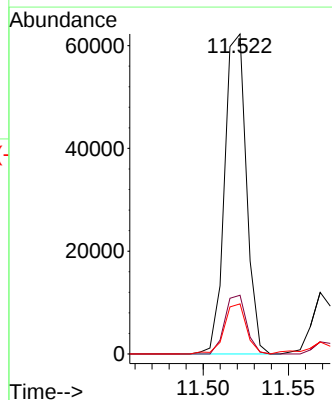
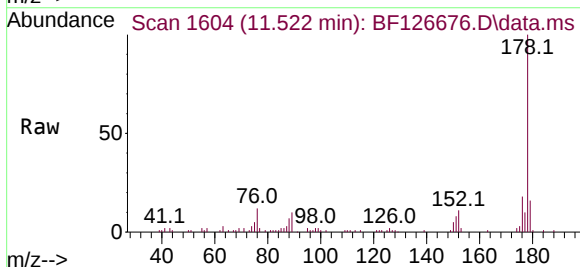
Instrument :
BNA_F
ClientSampleId :
275

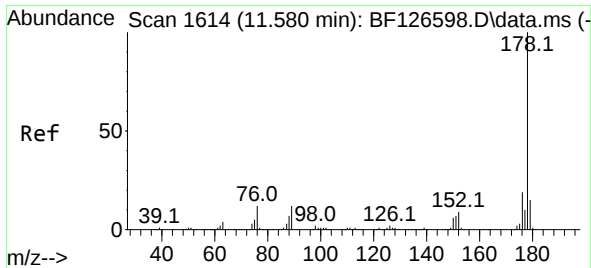
Tgt Ion:248 Resp: 11161
Ion Ratio Lower Upper
248 100
250 192.5 76.2 114.4#
141 550.5 66.2 99.4#



#71
Phenanthrene
Concen: 3.768 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:178 Resp: 55261
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.6 12.3 18.5

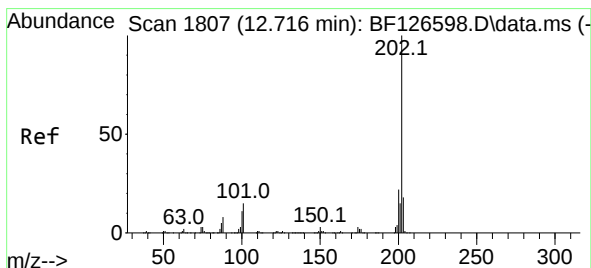
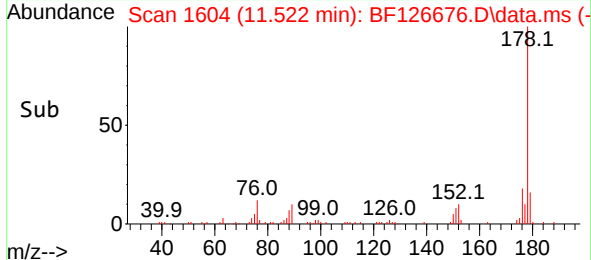
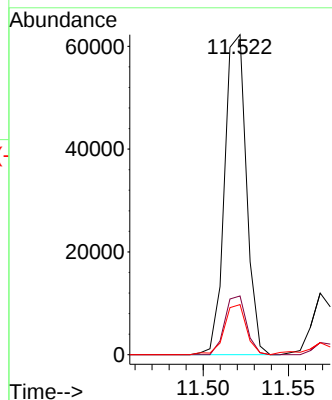
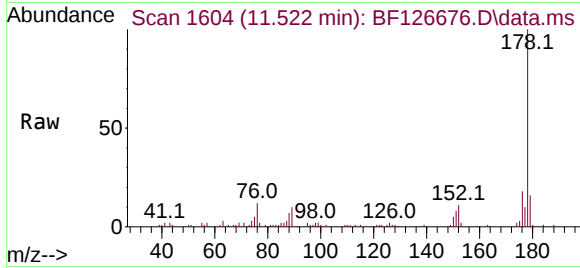




#72
 Anthracene
 Concen: 3.755 ng
 RT: 11.522 min Scan# 1
 Delta R.T. -0.059 min
 Lab File: BF126676.D
 Acq: 25 Jan 2022 20:56

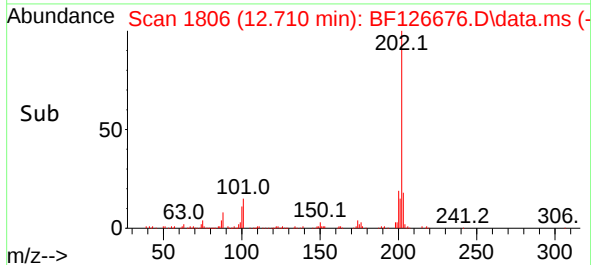
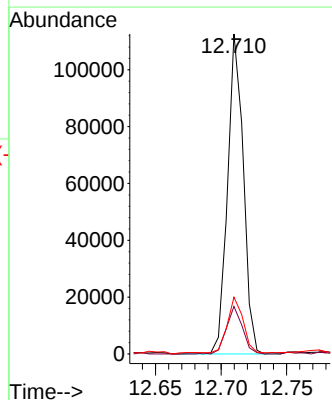
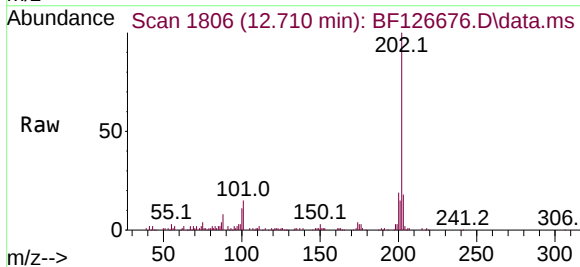
Instrument :
 BNA_F
 ClientSampleId :
 275

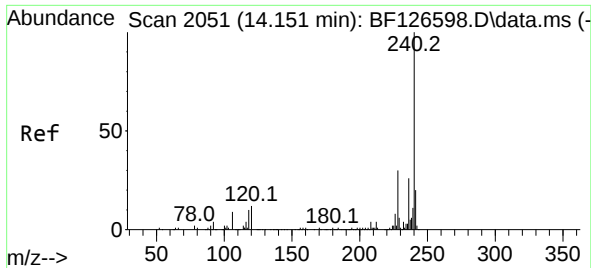
Tgt Ion:178 Resp: 55261
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.6
 179 15.6 12.5 18.7



#75
 Fluoranthene
 Concen: 6.509 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF126676.D
 Acq: 25 Jan 2022 20:56

Tgt Ion:202 Resp: 94300
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 35.7
 203 17.7 0.0 37.1

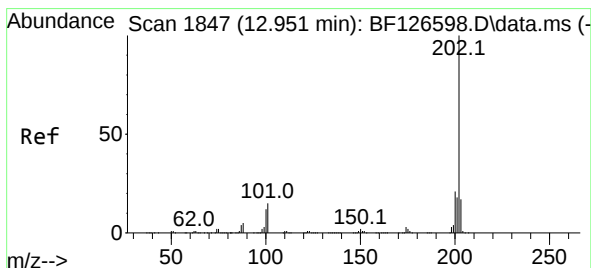
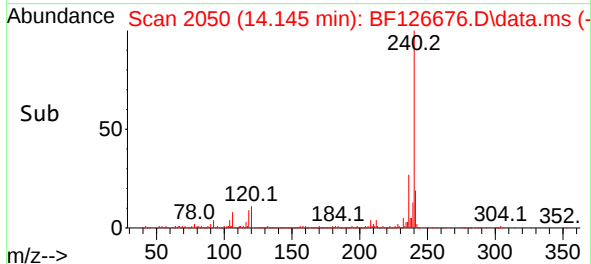
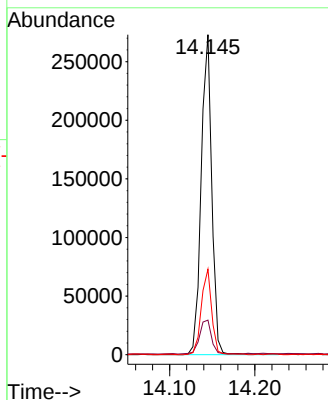
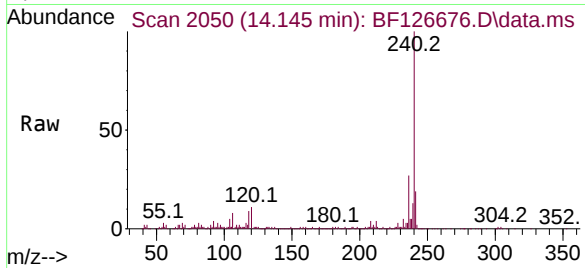




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

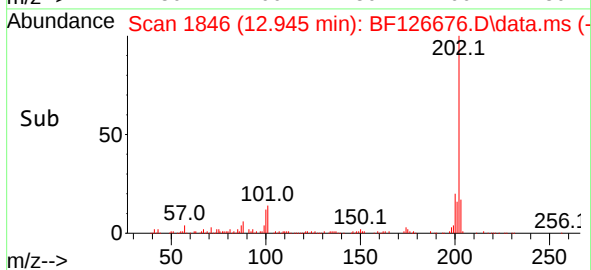
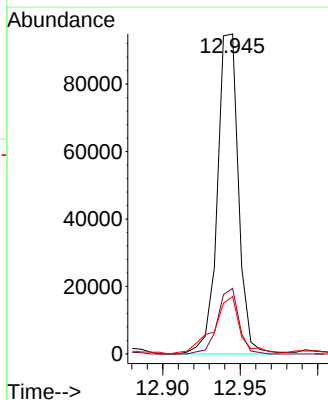
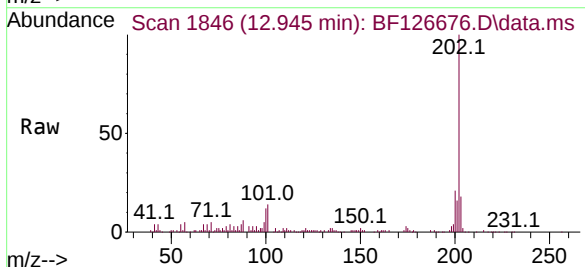
Instrument :
BNA_F
ClientSampleId :
275

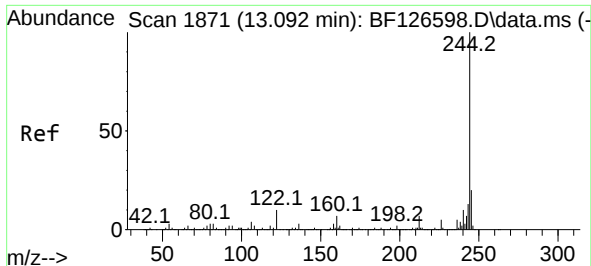
Tgt Ion:240 Resp: 236133
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 26.7 20.5 30.7



#78
Pyrene
Concen: 4.704 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:202 Resp: 89822
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.9 13.8 20.8

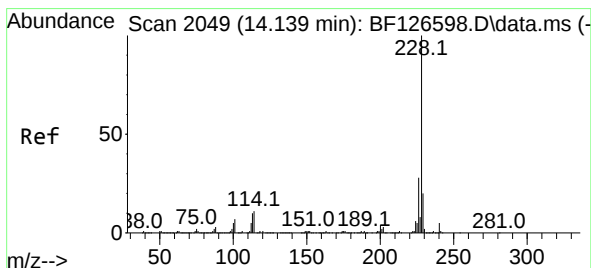
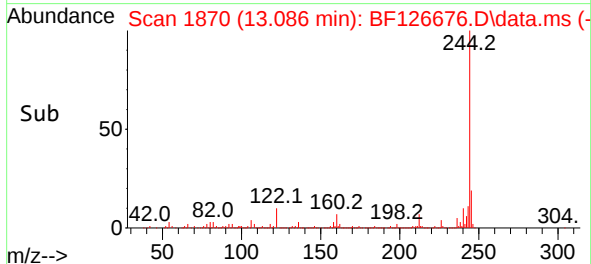
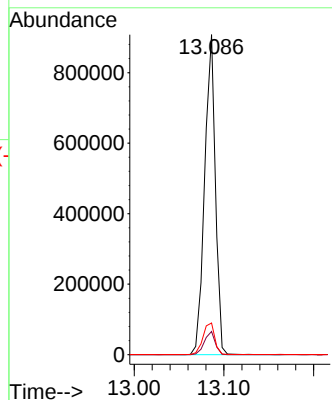
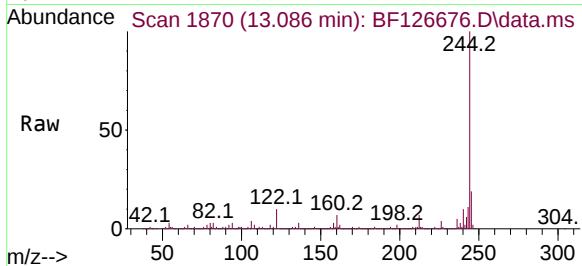




#79
 Terphenyl-d14
 Concen: 53.692 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126676.D
 Acq: 25 Jan 2022 20:56

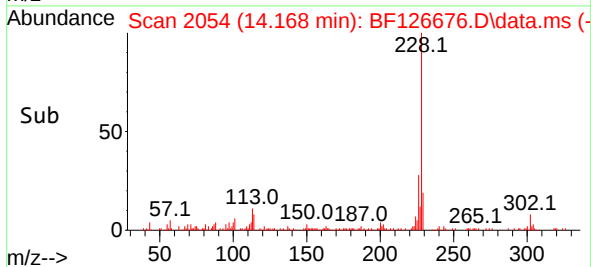
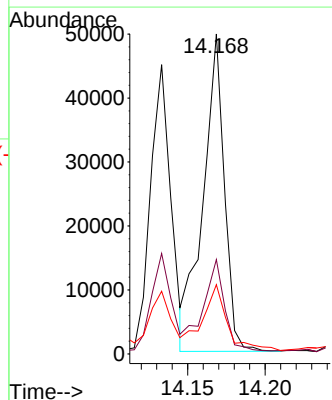
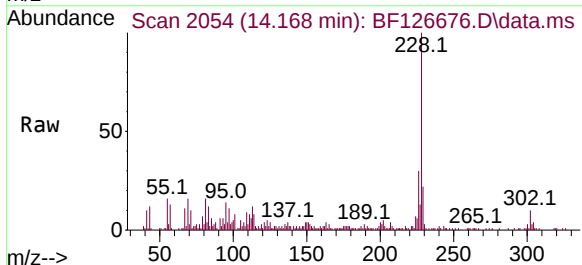
Instrument :
 BNA_F
 ClientSampleId :
 275

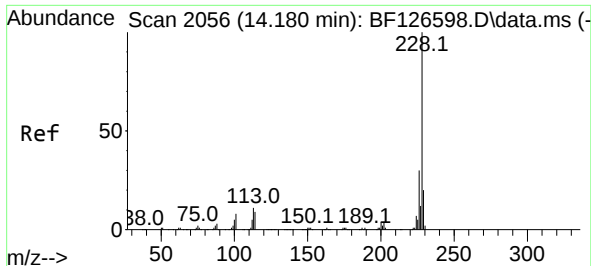
Tgt Ion:244 Resp: 755899
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 9.9 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 2.962 ng
 RT: 14.168 min Scan# 2054
 Delta R.T. 0.029 min
 Lab File: BF126676.D
 Acq: 25 Jan 2022 20:56

Tgt Ion:228 Resp: 47536
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.4 32.0
 229 21.7 15.4 23.2

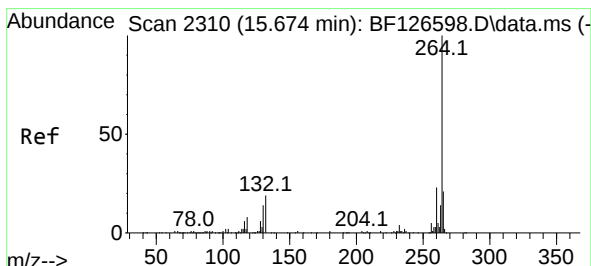
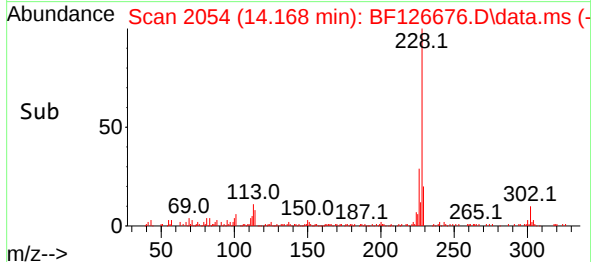
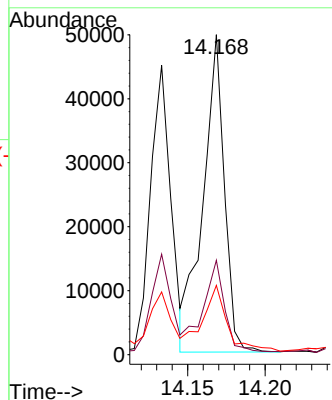
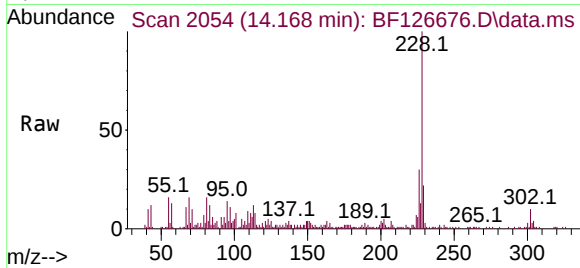




#83
Chrysene
Concen: 3.078 ng
RT: 14.168 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

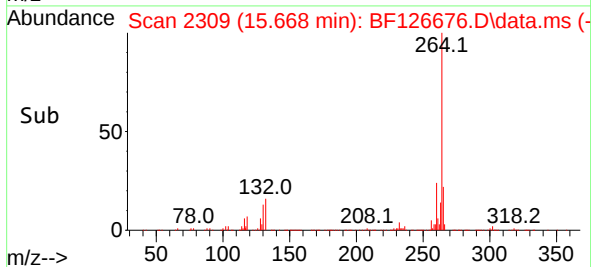
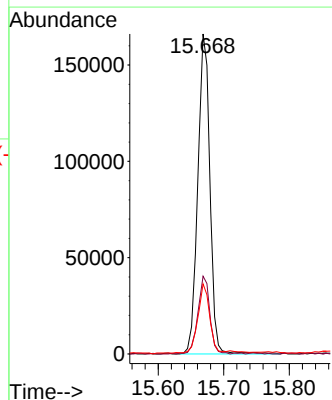
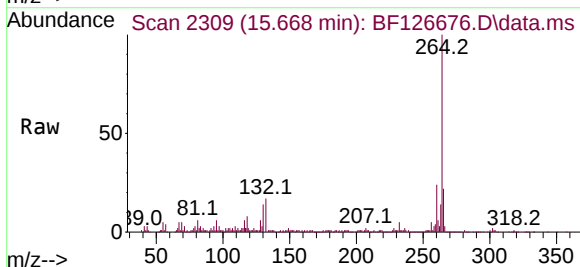
Instrument :
BNA_F
ClientSampleId :
275

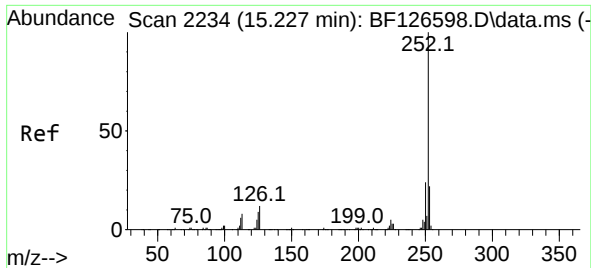
Tgt Ion:228	Resp:	47536
Ion Ratio	Lower	Upper
228	100	
226	29.5	23.7 35.5
229	21.7	15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Tgt Ion:264	Resp:	214123
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.2 28.8
265	21.9	17.4 26.2

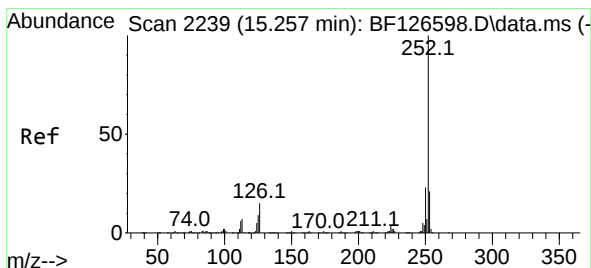
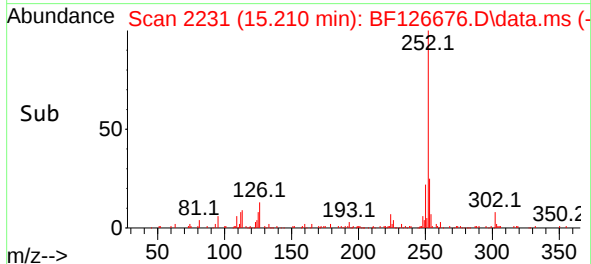
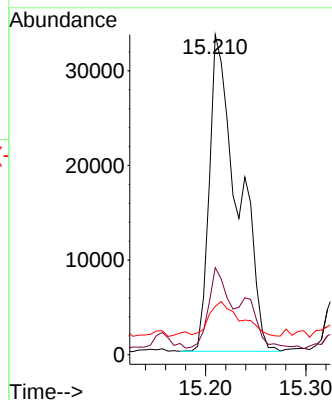
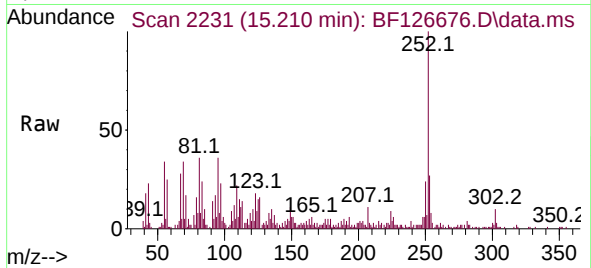




#88
Benzo(b)fluoranthene
Concen: 4.663 ng
RT: 15.210 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

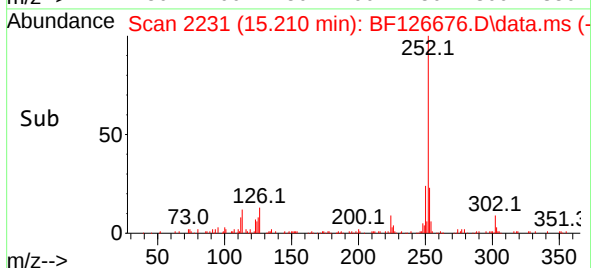
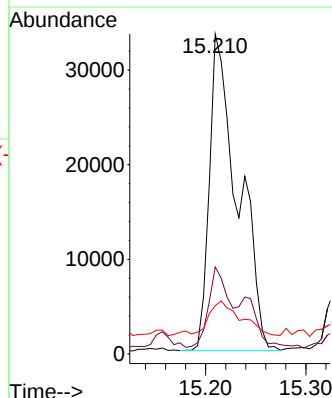
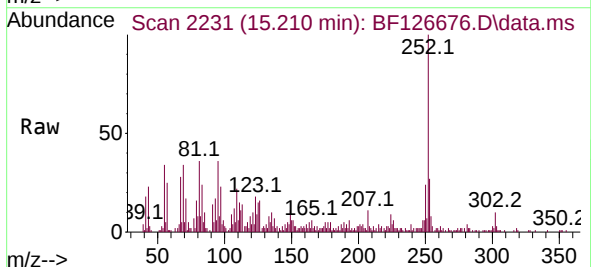
Instrument :
BNA_F
ClientSampleId :
275

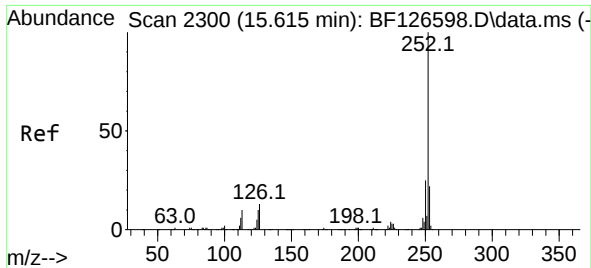
Tgt Ion:252 Resp: 66214
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.8#
125 15.1 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 4.749 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.047 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

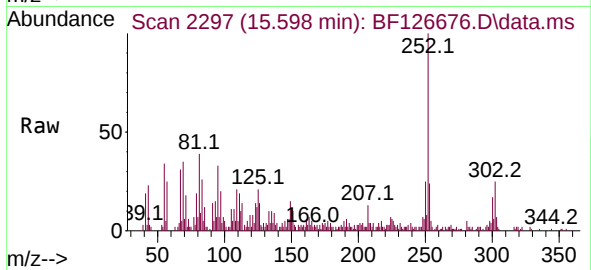
Tgt Ion:252 Resp: 66214
Ion Ratio Lower Upper
252 100
253 27.2 17.5 26.3#
125 15.1 11.8 17.6





#90
 Benzo(a)pyrene
 Concen: 3.034 ng
 RT: 15.598 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF126676.D
 Acq: 25 Jan 2022 20:56

Instrument :
 BNA_F
 ClientSampleId :
 275



Tgt Ion:252 Resp: 35049
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.1 25.7
 125 20.6 13.0 19.6#

