

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125865.D
 Acq On : 15 Oct 2021 16:26
 Operator : JU/CG
 Sample : M4242-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-COMP-(1-4)

Quant Time: Oct 18 08:55:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

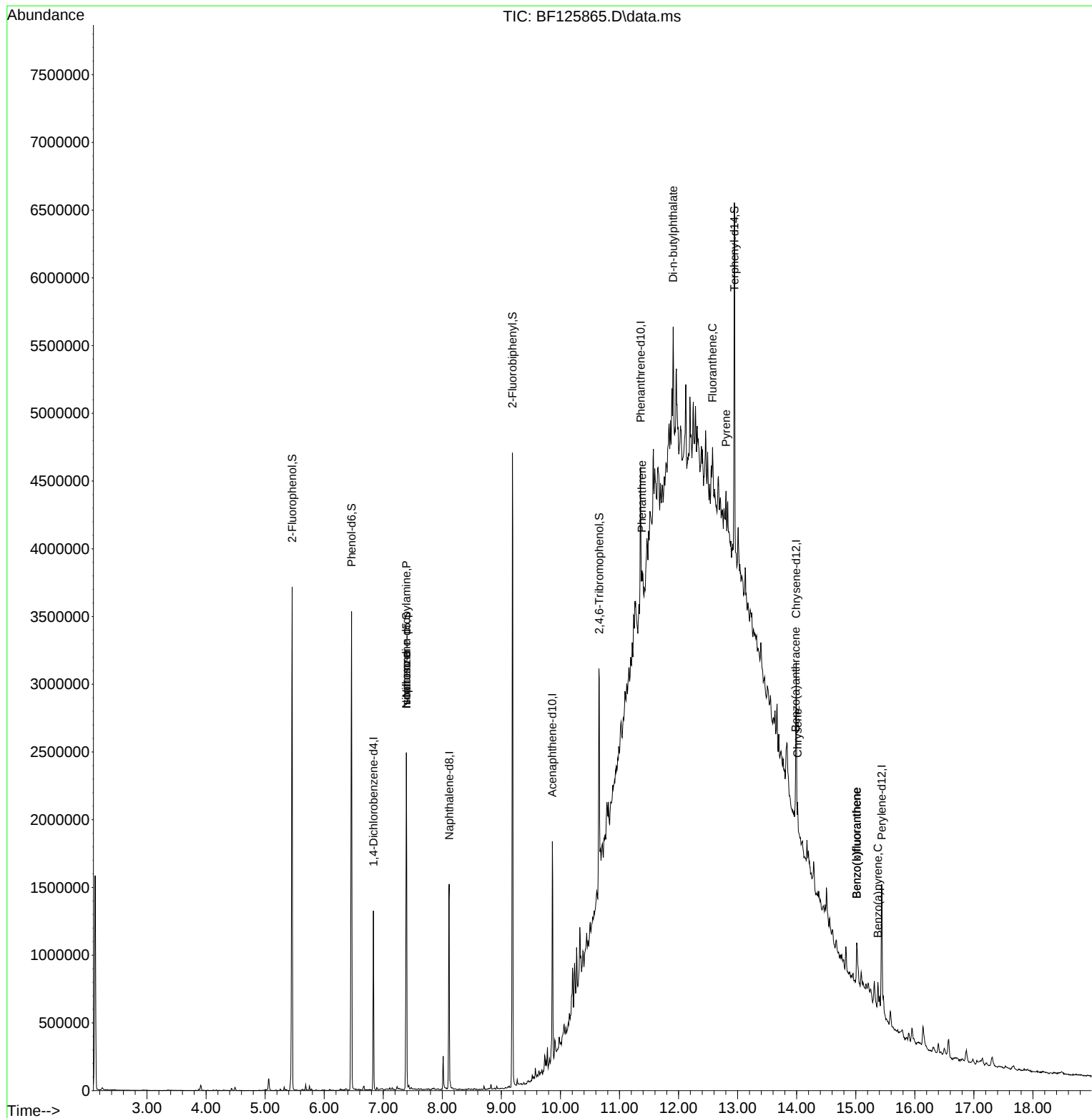
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	188127	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	731670	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	337403	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	412810	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	400659	20.000	ng	0.00
86) Perylene-d12	15.439	264	428018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1138272	98.843	ng	0.00
7) Phenol-d6	6.463	99	1420389	95.812	ng	0.00
23) Nitrobenzene-d5	7.392	82	856976	72.806	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	272598	81.831	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1589886	81.276	ng	0.00
79) Terphenyl-d14	12.945	244	1194109	45.398	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	109461	13.987	ng	# 49
25) Isophorone	7.392	82	851648	40.840	ng	# 59
71) Phenanthrene	11.380	178	86308	3.908	ng	# 69
74) Di-n-butylphthalate	11.910	149	93004	4.103	ng	# 58
75) Fluoranthene	12.574	202	145371	7.294	ng	# 85
78) Pyrene	12.804	202	150958	3.709	ng	# 86
81) Benzo(a)anthracene	13.980	228	94510	3.636	ng	# 93
83) Chrysene	14.015	228	90235	3.512	ng	# 91
88) Benzo(b)fluoranthene	15.015	252	183457	7.592	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	183457	7.394	ng	# 94
90) Benzo(a)pyrene	15.374	252	90322	4.221	ng	# 96

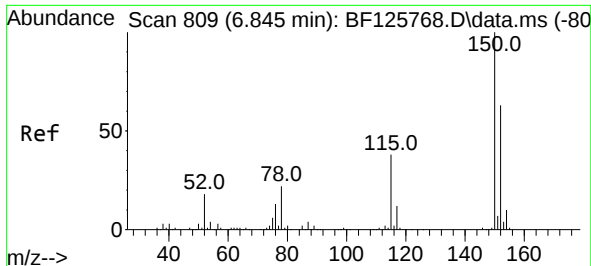
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125865.D
Acq On : 15 Oct 2021 16:26
Operator : JU/CG
Sample : M4242-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

Quant Time: Oct 18 08:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 15:00:46 2021
Response via : Initial Calibration

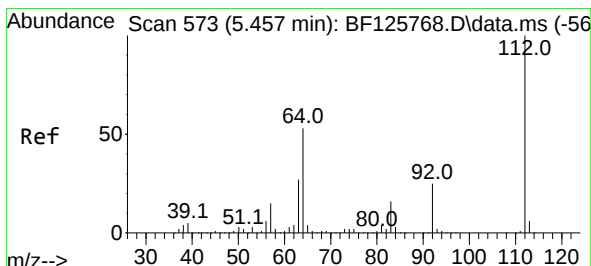
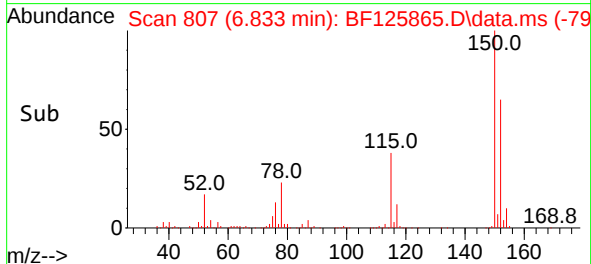
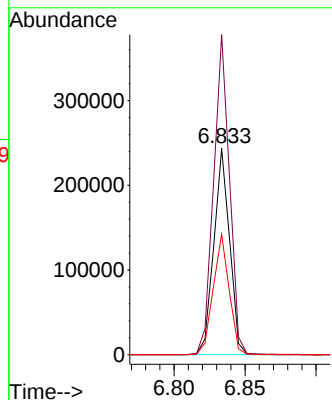
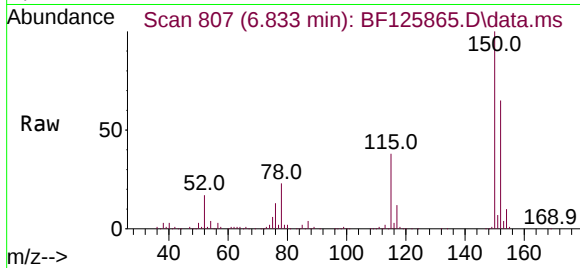




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

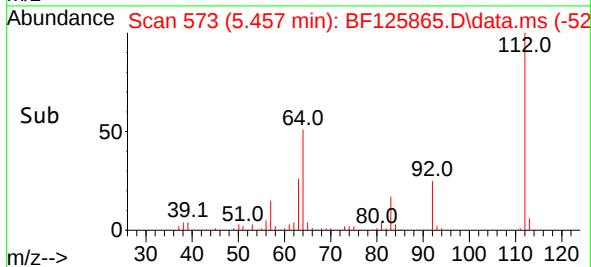
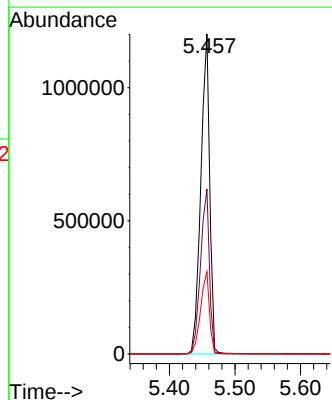
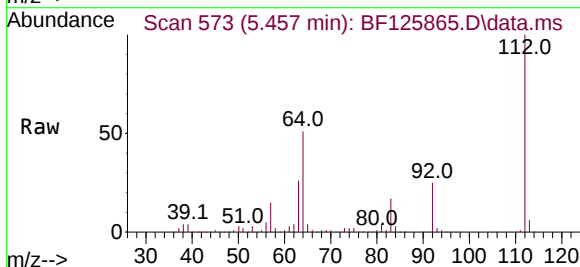
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

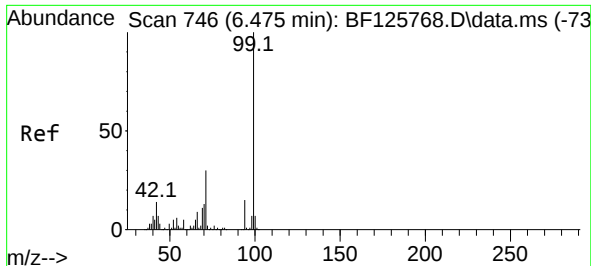
Tgt Ion:152 Resp: 188127
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 98.843 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:112 Resp: 1138272
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.7 26.2 39.2#

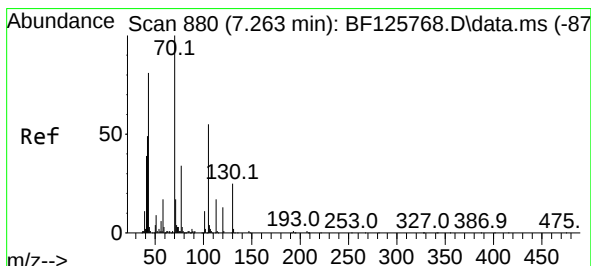
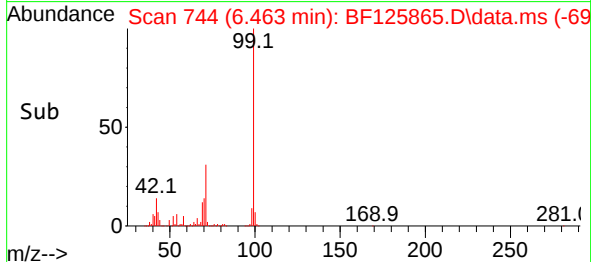
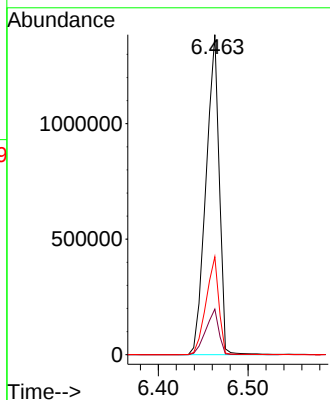
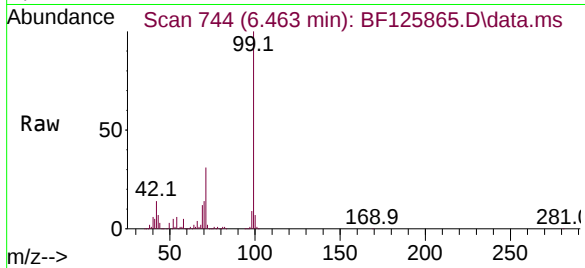




#7
Phenol-d6
Concen: 95.812 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

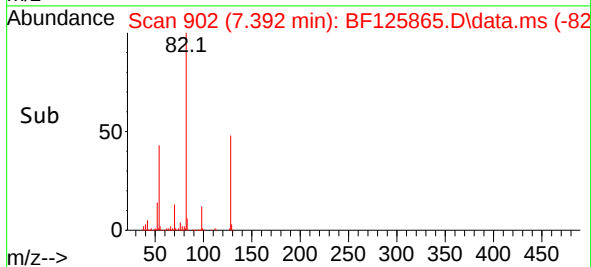
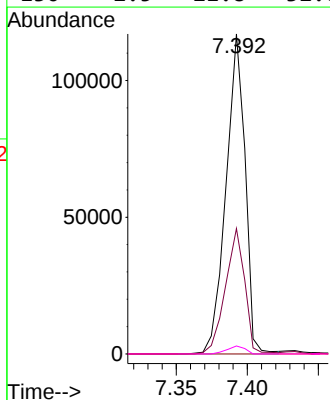
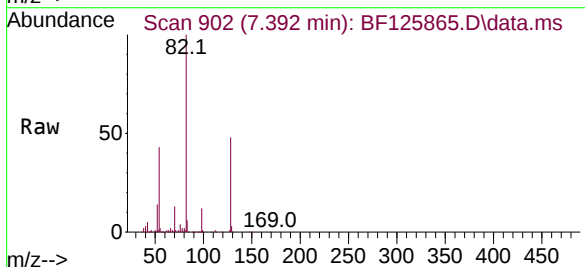
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

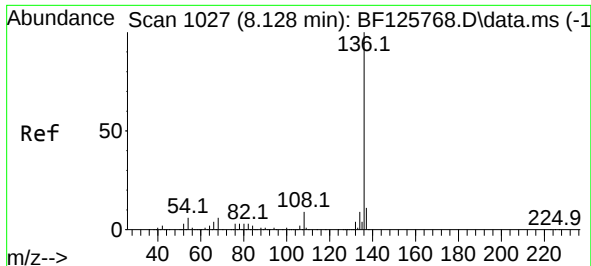
Tgt Ion: 99 Resp: 1420389
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.987 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion: 70 Resp: 109461
Ion Ratio Lower Upper
70 100
42 39.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#

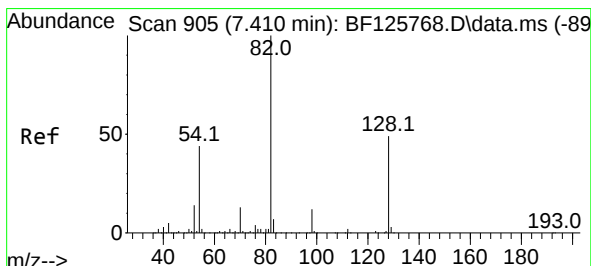
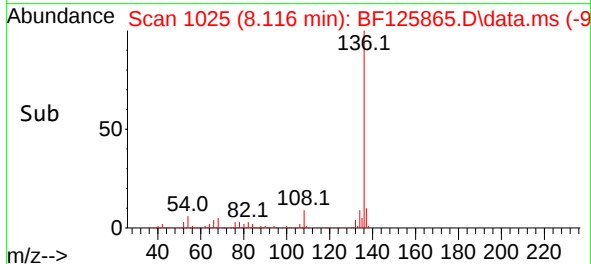
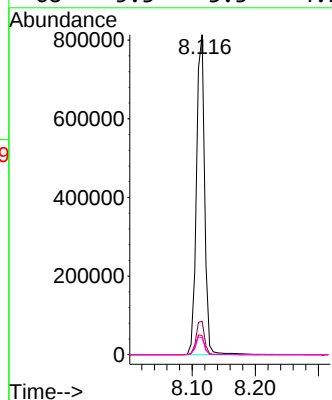
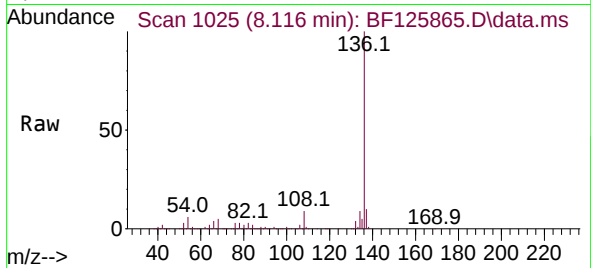




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

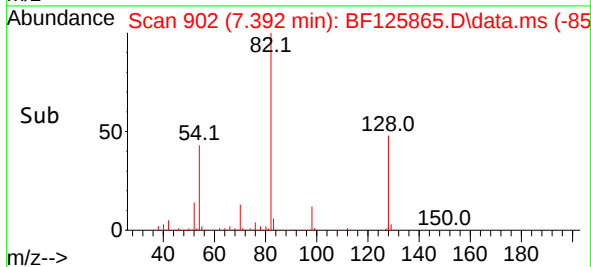
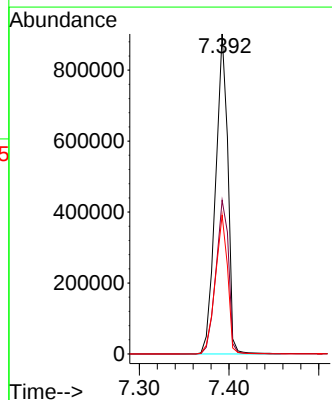
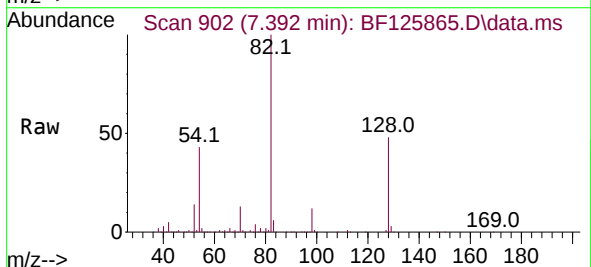
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

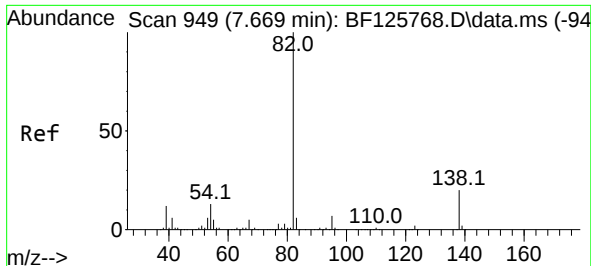
Tgt Ion:136	Resp: 731670
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 5.9	6.4 9.6#
68 5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.806 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion: 82	Resp: 856976
Ion Ratio	Lower Upper
82 100	
128 48.1	40.6 60.8
54 43.4	49.6 74.4#

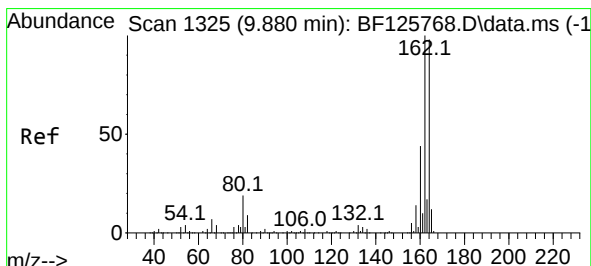
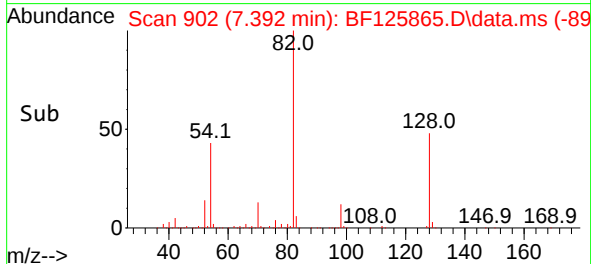
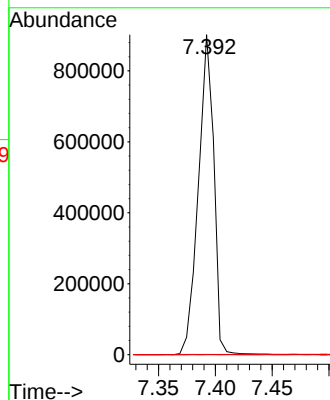
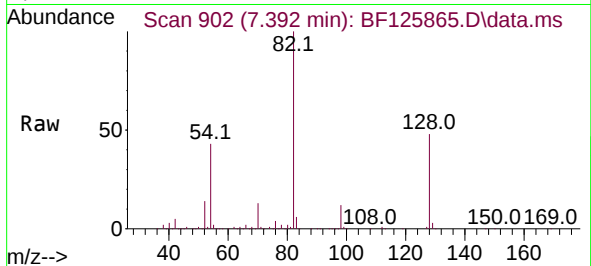




#25
Isophorone
Concen: 40.840 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

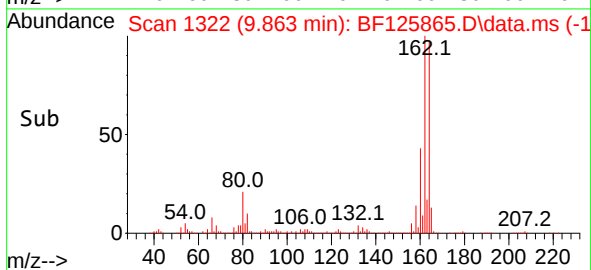
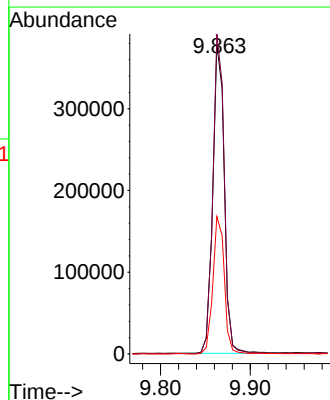
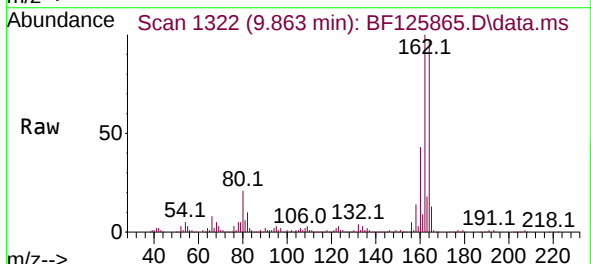
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

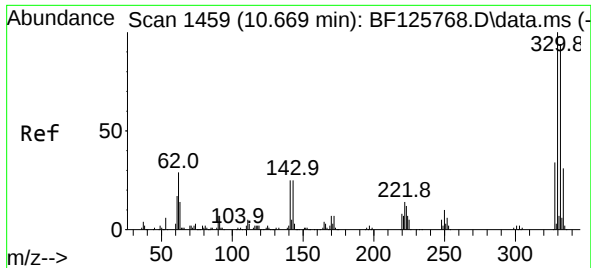
Tgt Ion: 82 Resp: 851648
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:164 Resp: 337403
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.4 38.0 57.0

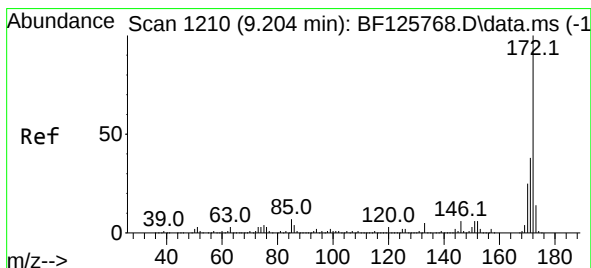
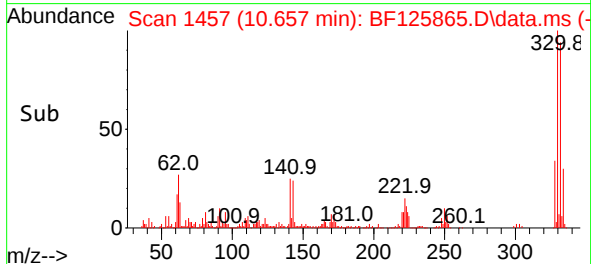
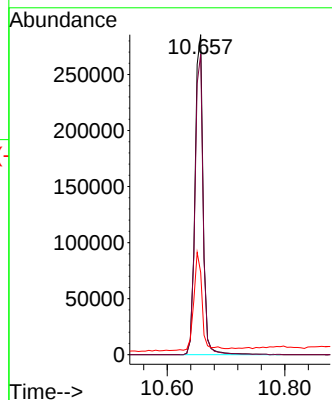
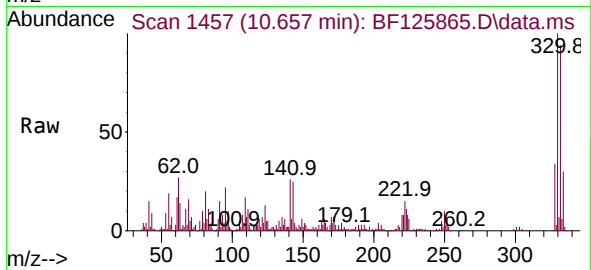




#42
2,4,6-Tribromophenol
Concen: 81.831 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

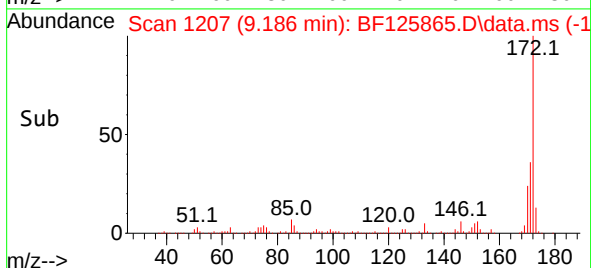
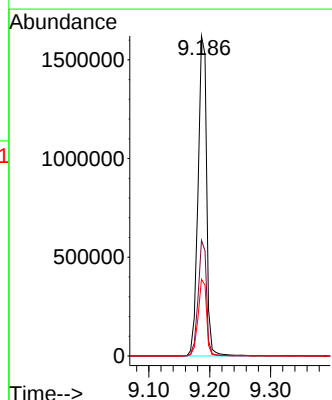
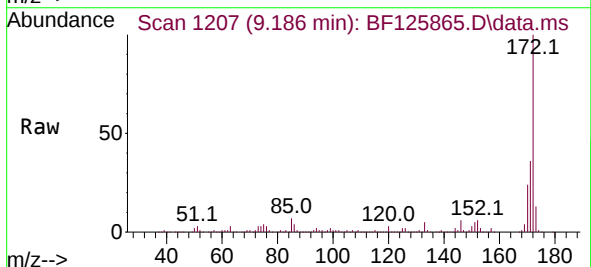
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

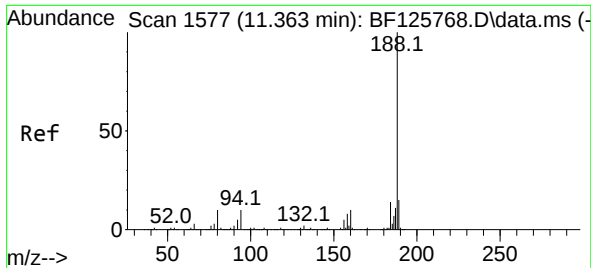
Tgt Ion:330 Resp: 272598
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.276 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:172 Resp: 1589886
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.9 18.8 28.2

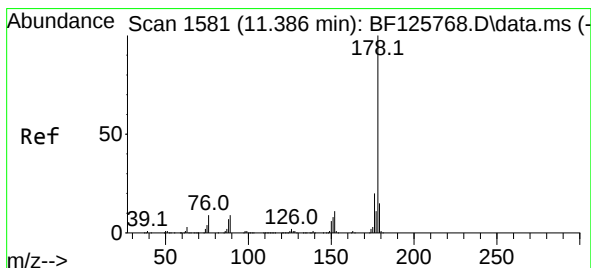
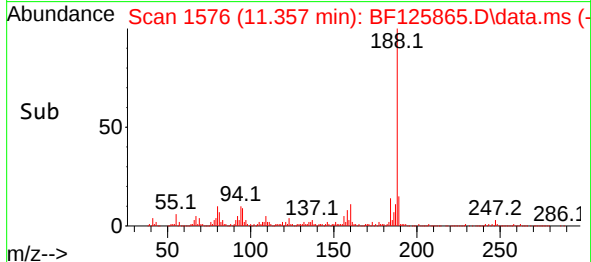
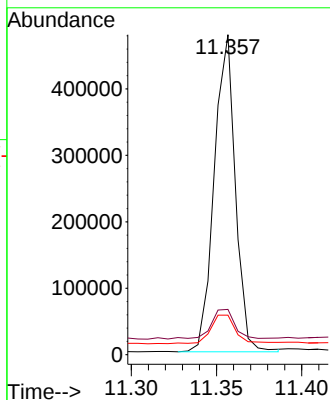
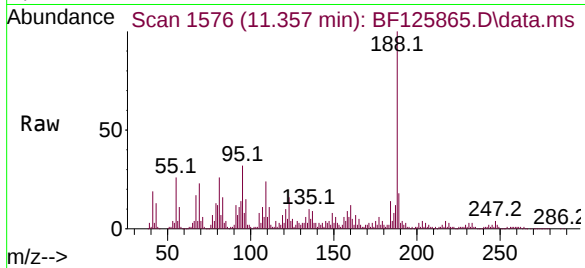




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

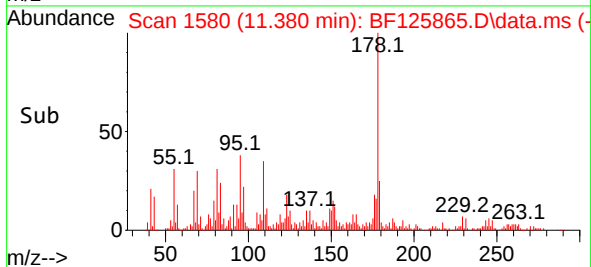
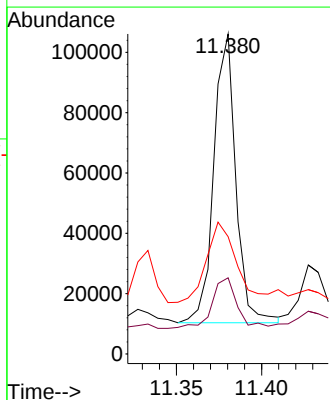
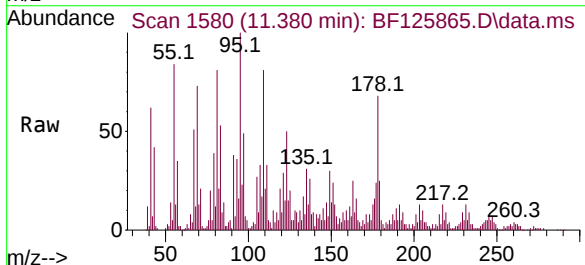
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

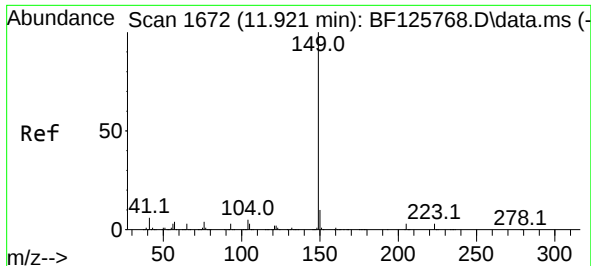
Tgt Ion:188 Resp: 412810
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 12.3 7.5 11.3#



#71
Phenanthrene
Concen: 3.908 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:178 Resp: 86308
Ion Ratio Lower Upper
178 100
176 23.8 14.7 22.1#
179 36.6 11.5 17.3#

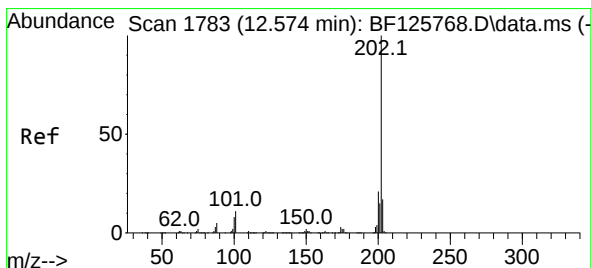
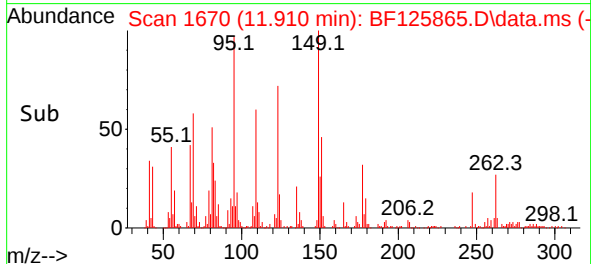
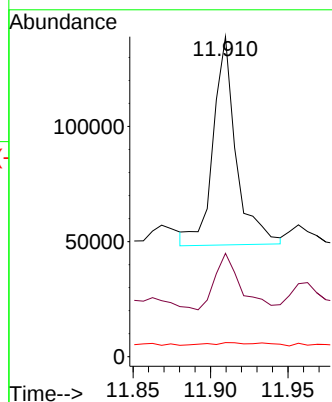
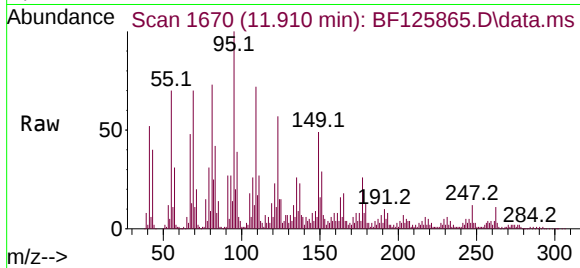




#74
Di-n-butylphthalate
Concen: 4.103 ng
RT: 11.910 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

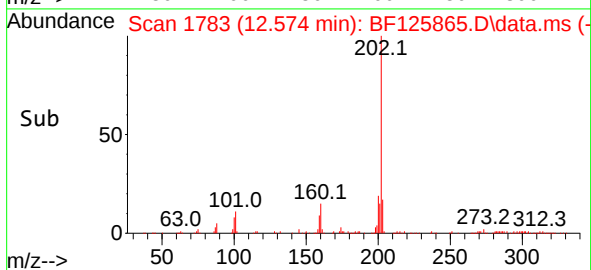
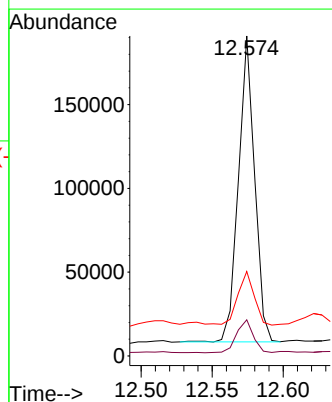
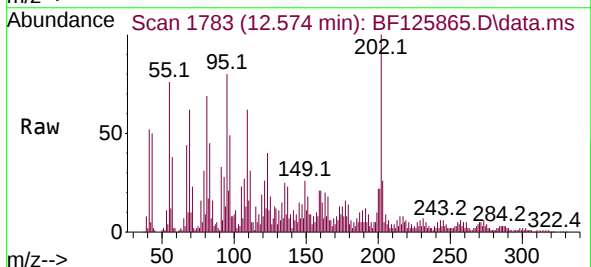
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

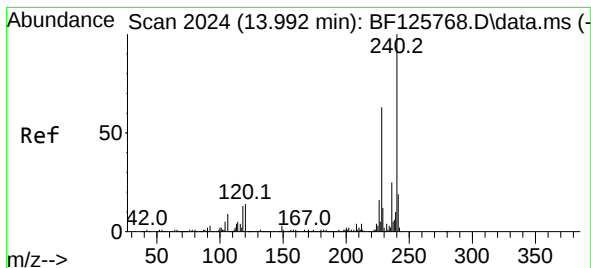
Tgt Ion:149 Resp: 93004
Ion Ratio Lower Upper
149 100
150 32.3 7.4 11.2#
104 4.4 4.1 6.1



#75
Fluoranthene
Concen: 7.294 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:202 Resp: 145371
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 26.4 0.0 36.3

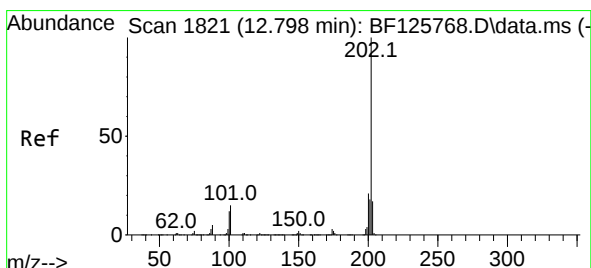
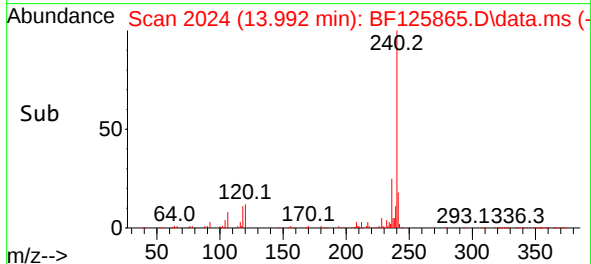
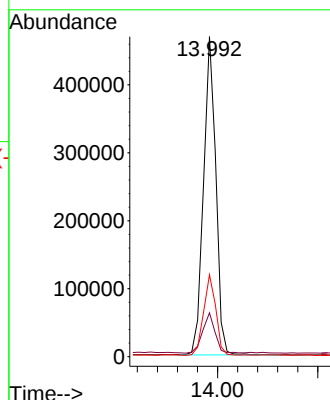
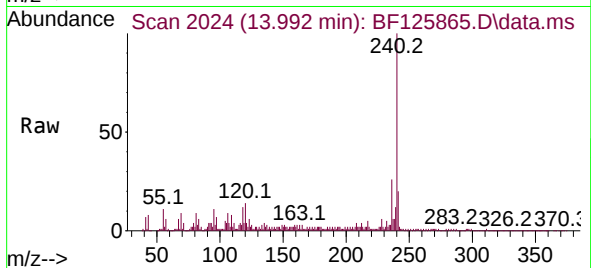




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

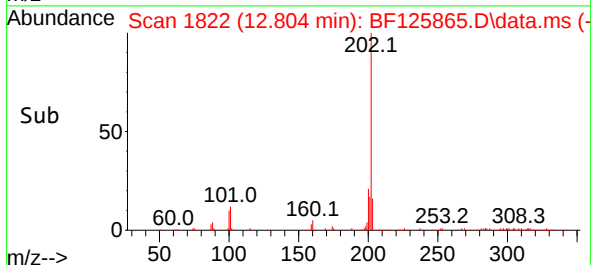
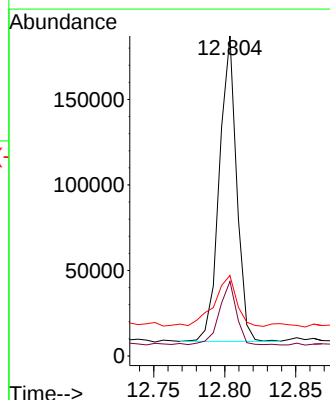
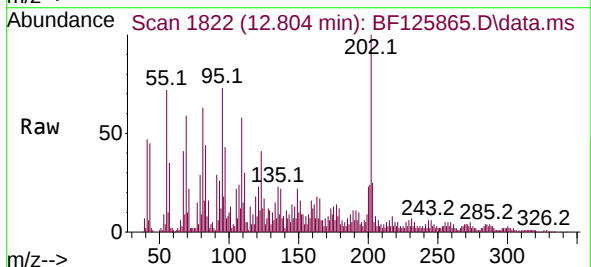
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

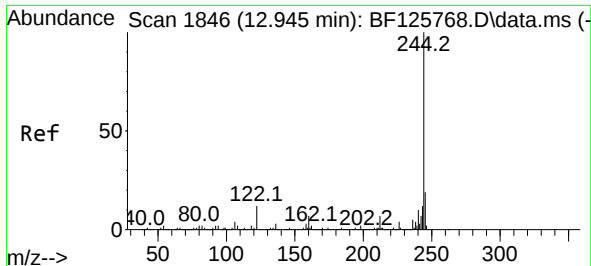
Tgt Ion:240 Resp: 400659
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.6 21.6 32.4



#78
Pyrene
Concen: 3.709 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.012 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:202 Resp: 150958
Ion Ratio Lower Upper
202 100
200 23.3 15.3 22.9#
203 25.2 13.4 20.0#

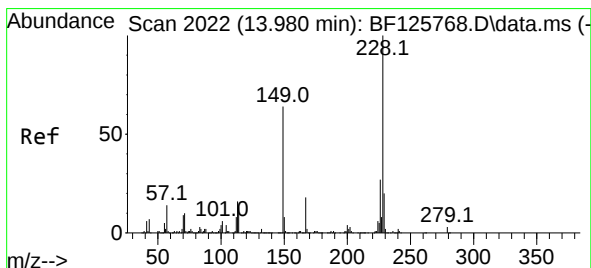
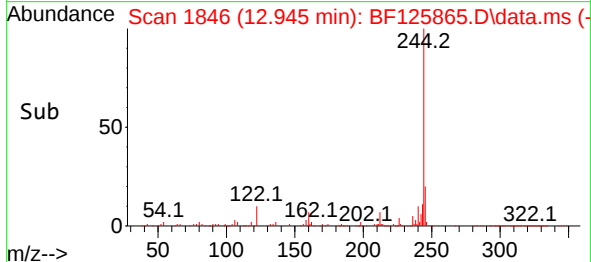
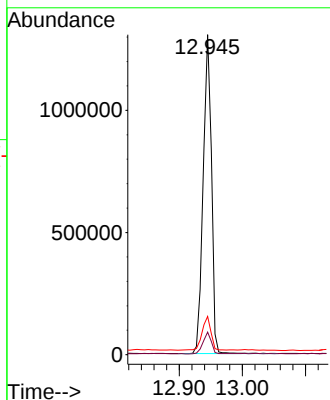
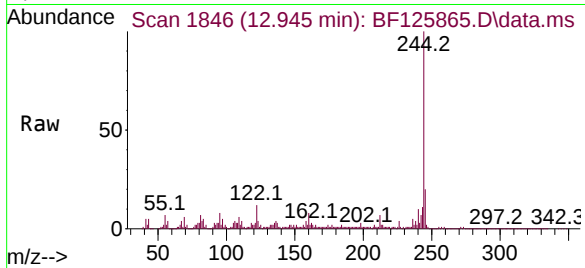




#79
 Terphenyl-d14
 Concen: 45.398 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.012 min
 Lab File: BF125865.D
 Acq: 15 Oct 2021 16:26

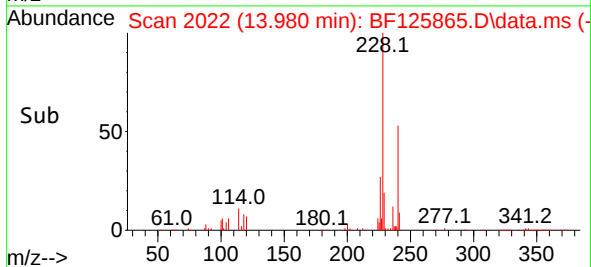
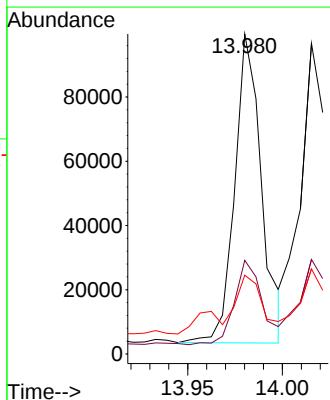
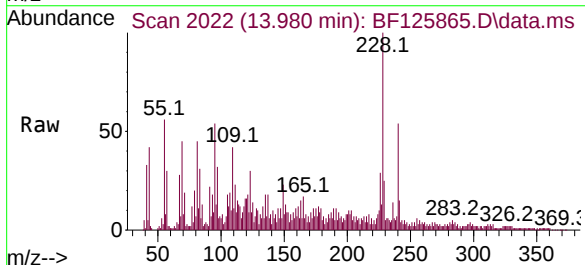
Instrument :
 BNA_F
 ClientSampleId :
 T2-COMP-(1-4)

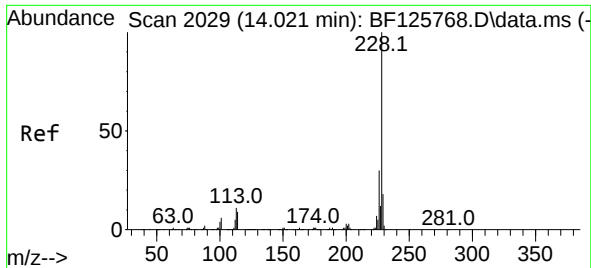
Tgt Ion:244 Resp: 1194109
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.9 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 3.636 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: BF125865.D
 Acq: 15 Oct 2021 16:26

Tgt Ion:228 Resp: 94510
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.6 32.4
 229 24.6 15.6 23.4#

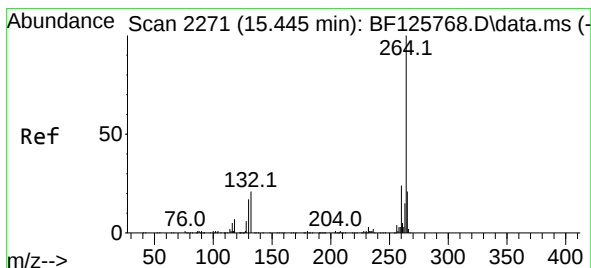
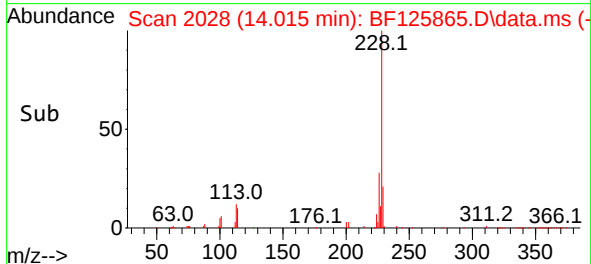
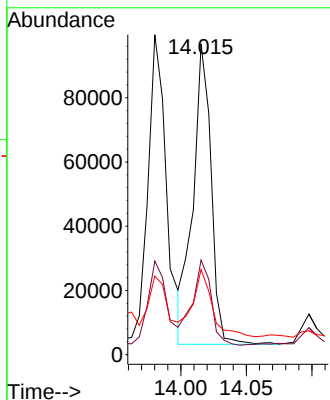
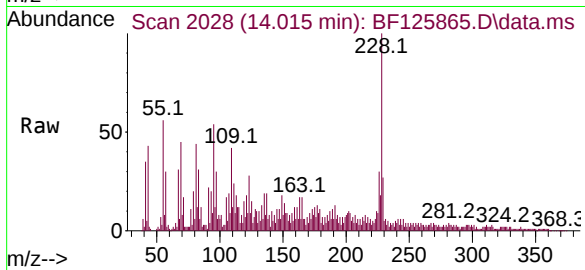




#83
Chrysene
Concen: 3.512 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

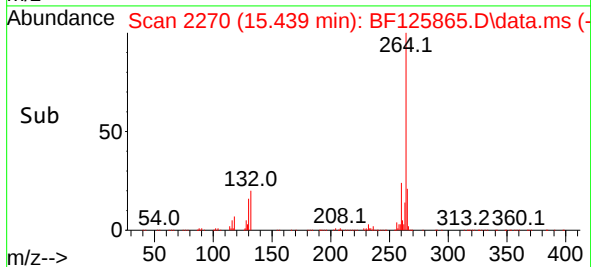
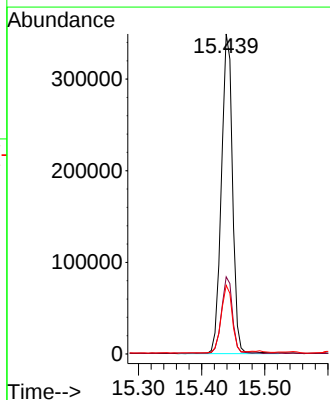
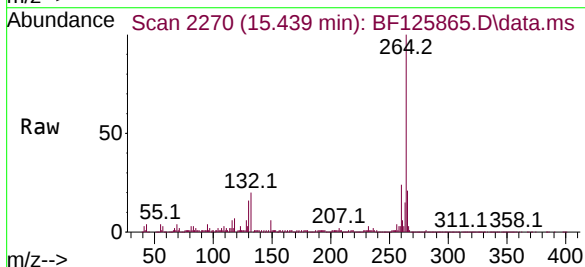
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

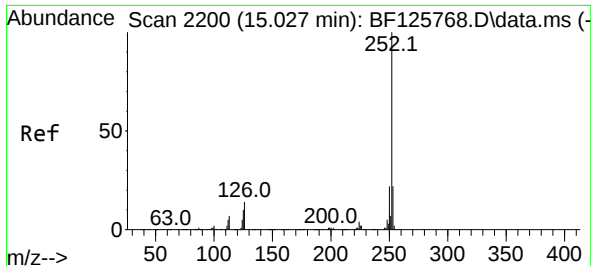
Tgt Ion:228 Resp: 90235
Ion Ratio Lower Upper
228 100
226 30.5 22.6 34.0
229 27.4 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Tgt Ion:264 Resp: 428018
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.5 17.2 25.8

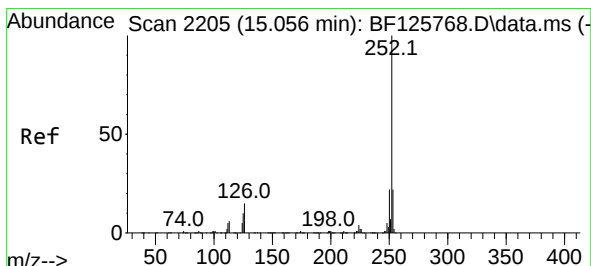
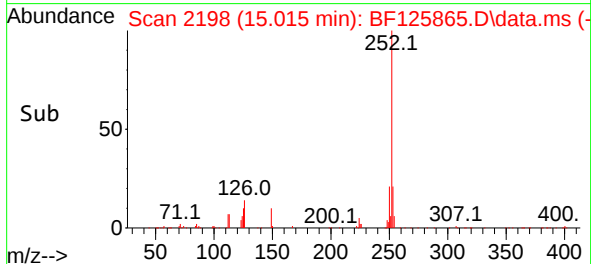
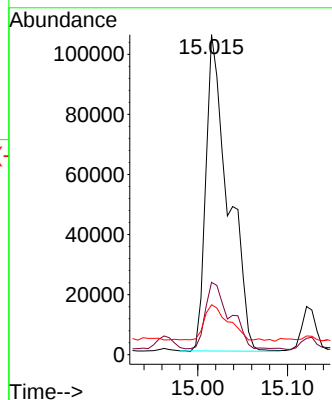
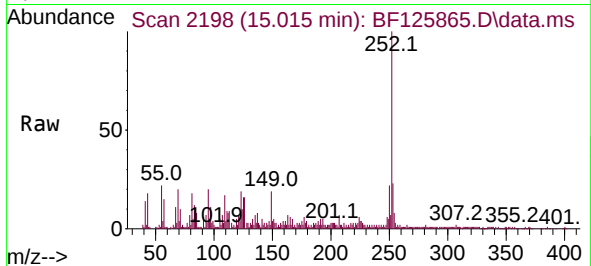




#88
Benzo(b)fluoranthene
Concen: 7.592 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

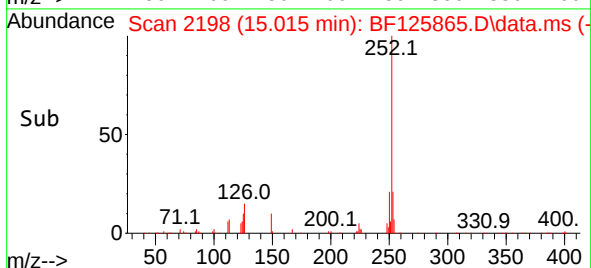
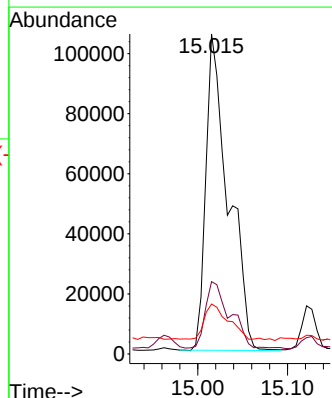
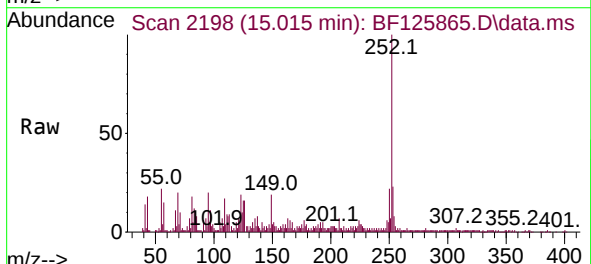
Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)

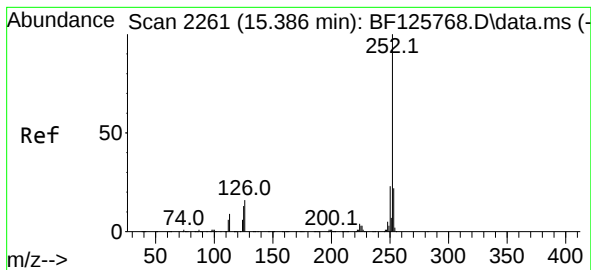
Tgt Ion:252 Resp: 183457
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 15.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 7.394 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.030 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

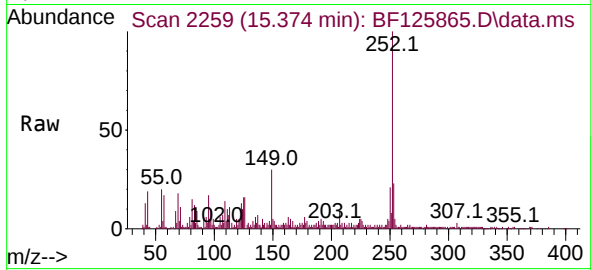
Tgt Ion:252 Resp: 183457
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 15.6 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 4.221 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF125865.D
Acq: 15 Oct 2021 16:26

Instrument :
BNA_F
ClientSampleId :
T2-COMP-(1-4)



Tgt Ion:252 Resp: 90322
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 16.4 9.9 14.9#

