

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125860.D
 Acq On : 15 Oct 2021 13:47
 Operator : JU/CG
 Sample : M4243-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-COMP-(1-4)

Quant Time: Oct 15 16:16:18 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)

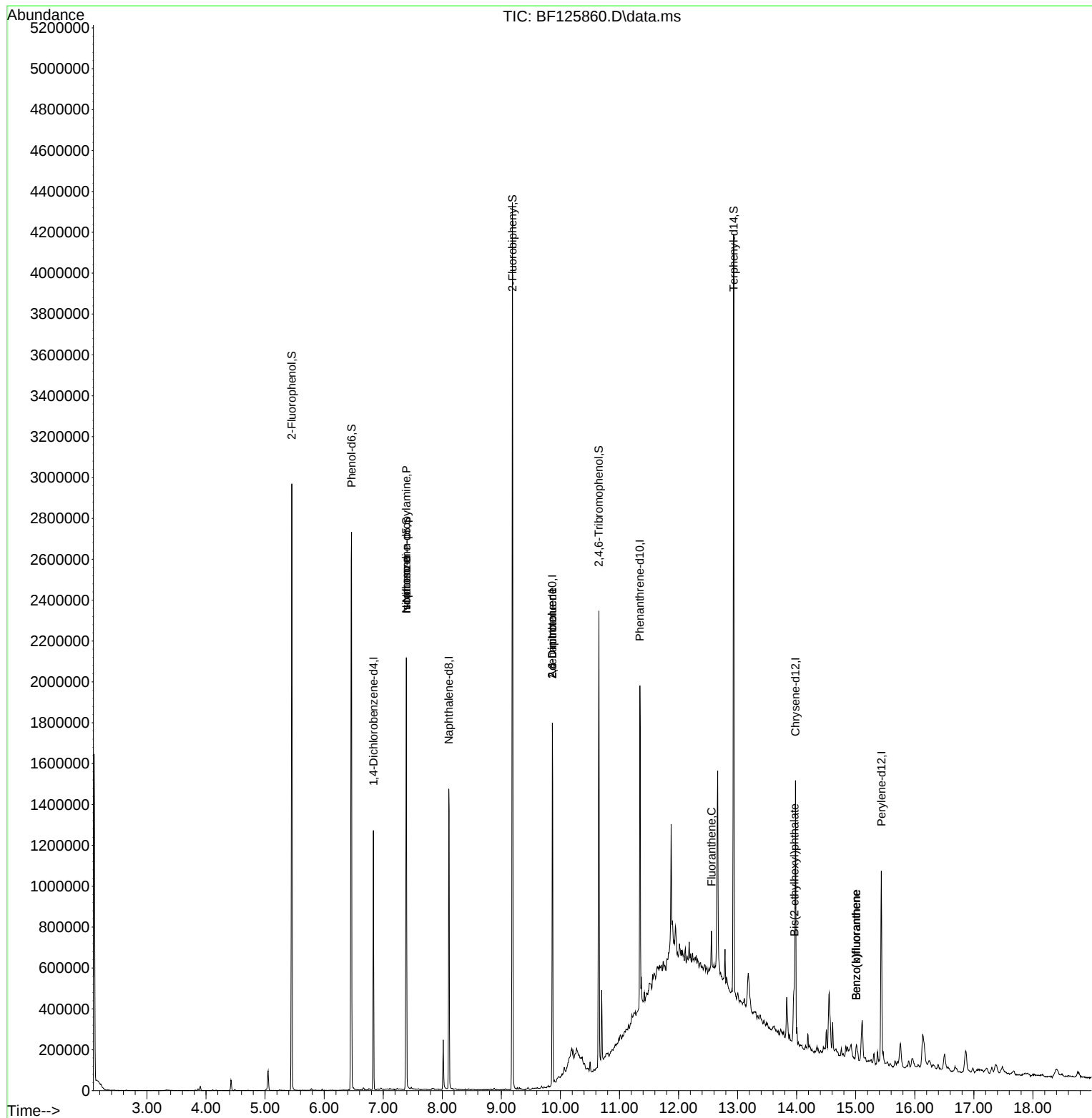
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	177266	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	711039	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	370015	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	601312	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	398865	20.000	ng	0.00
86) Perylene-d12	15.433	264	413787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	902665	83.187	ng	0.00
7) Phenol-d6	6.463	99	1142900	81.817	ng	0.00
23) Nitrobenzene-d5	7.392	82	681624	59.589	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	290217	79.442	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1376624	64.171	ng	0.00
79) Terphenyl-d14	12.933	244	1254363	47.904	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	87135	11.816	ng	# 49
25) Isophorone	7.392	82	681618	33.635	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	47924	9.734	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	47924	7.698	ng	# 19
75) Fluoranthene	12.557	202	75027	2.584	ng	93
84) Bis(2-ethylhexyl)phtha...	13.963	149	32608	2.307	ng	96
88) Benzo(b)fluoranthene	15.010	252	51908	2.222	ng	# 96
89) Benzo(k)fluoranthene	15.010	252	51908	2.164	ng	# 94

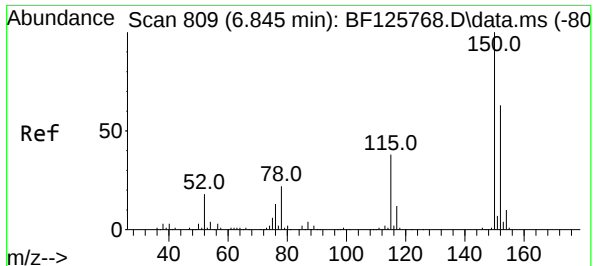
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125860.D
Acq On : 15 Oct 2021 13:47
Operator : JU/CG
Sample : M4243-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

Quant Time: Oct 15 16:16:18 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

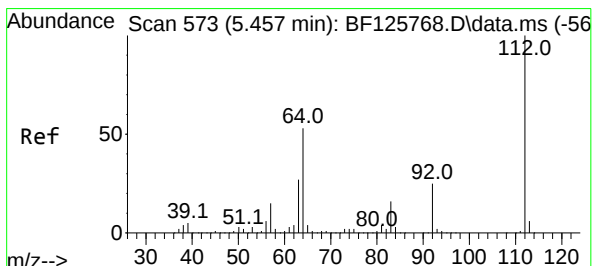
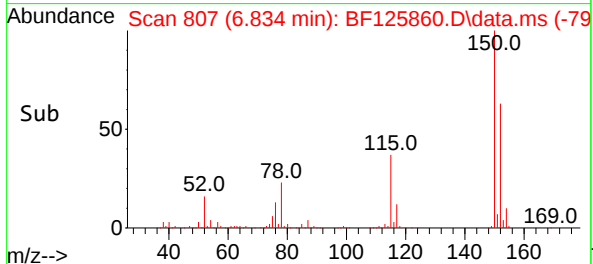
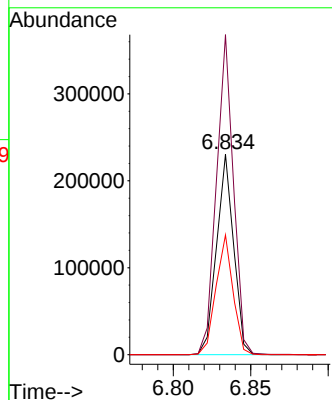
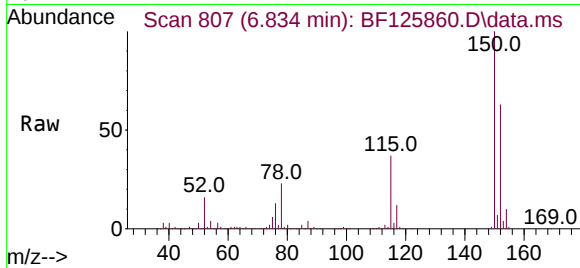




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

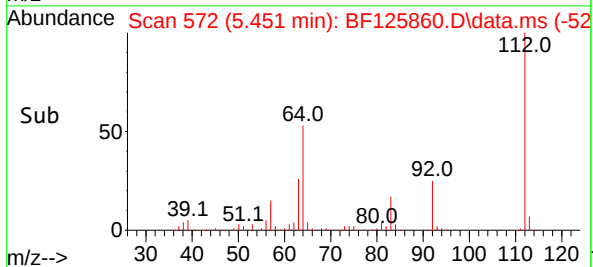
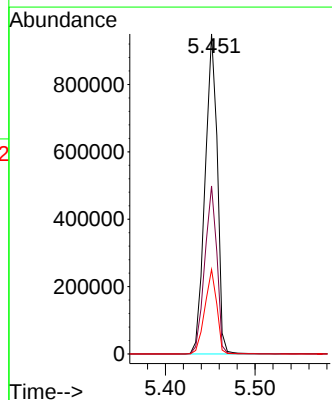
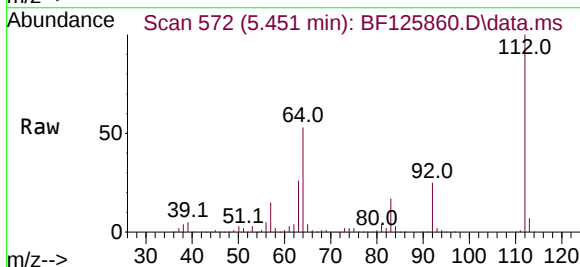
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

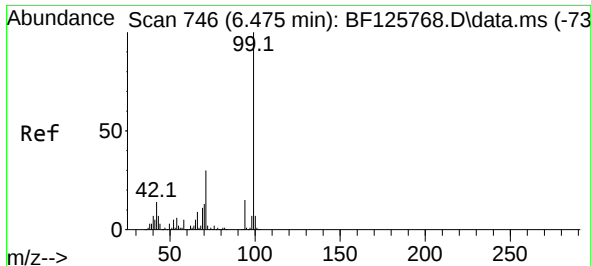
Tgt Ion:152 Resp: 177266
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 83.187 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:112 Resp: 902665
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 26.4 26.2 39.2

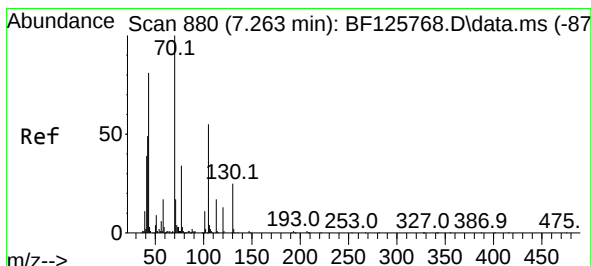
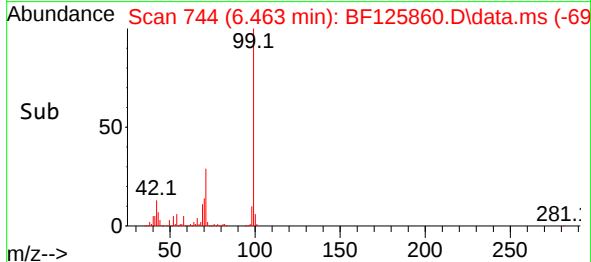
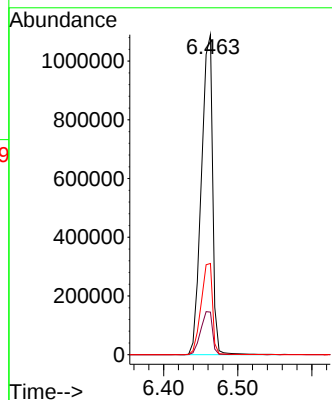
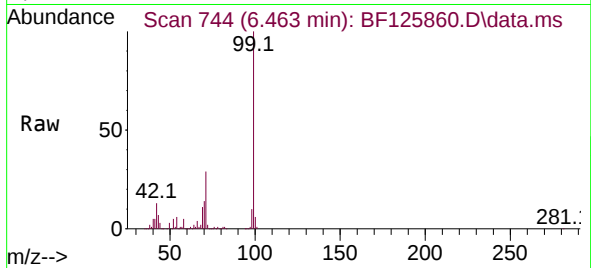




#7
Phenol-d6
Concen: 81.817 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

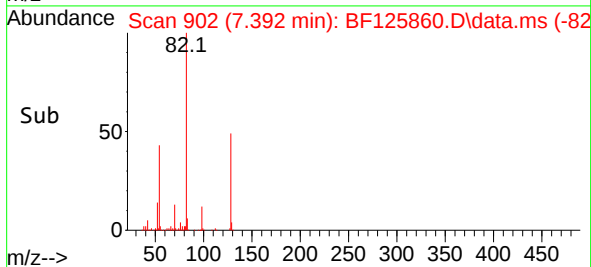
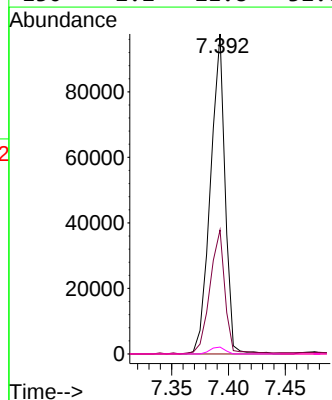
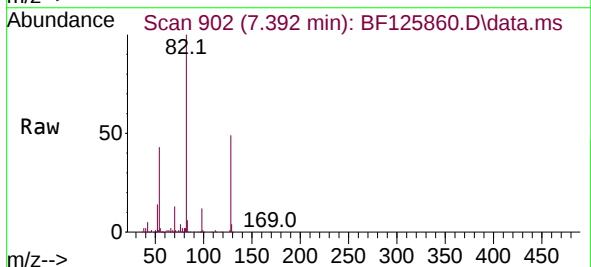
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

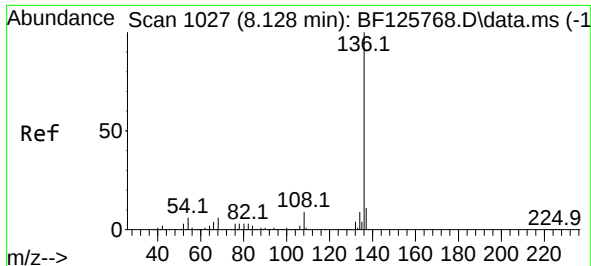
Tgt Ion: 99 Resp: 1142900
Ion Ratio Lower Upper
99 100
42 13.3 23.5 35.3#
71 28.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.816 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion: 70 Resp: 87135
Ion Ratio Lower Upper
70 100
42 38.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



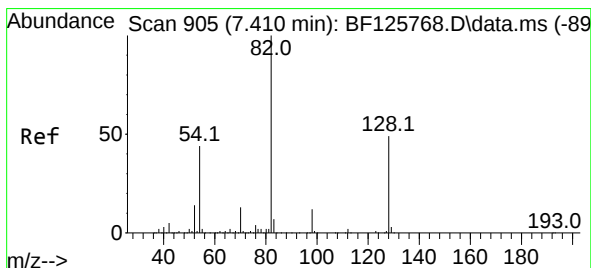
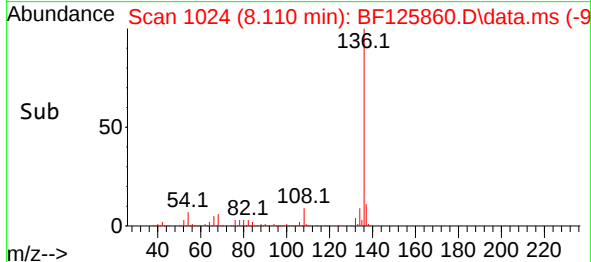
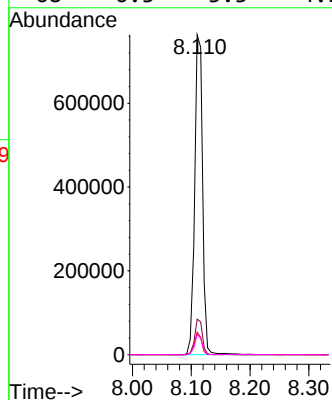
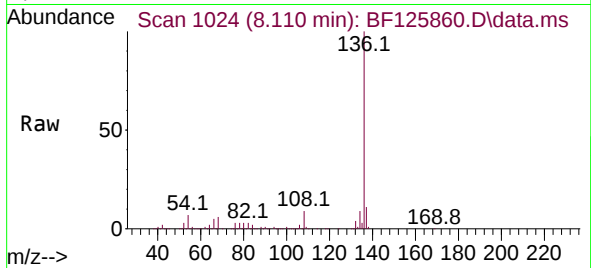


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

Tgt Ion:136 Resp: 711039

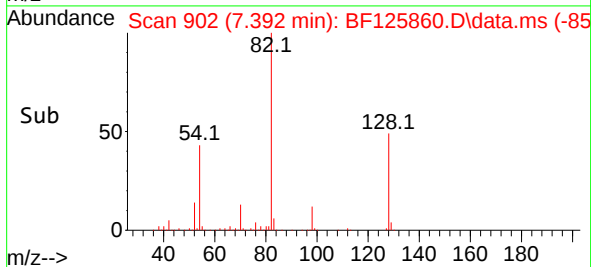
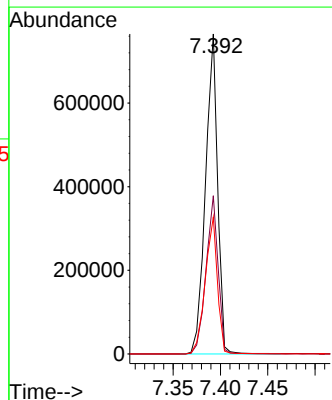
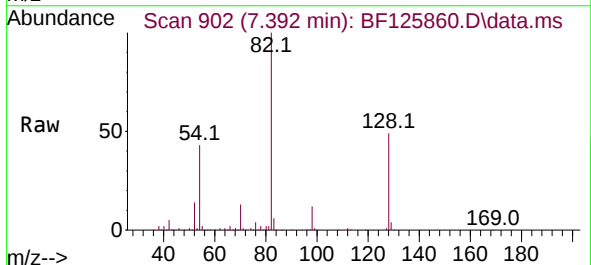
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	7.1	6.4	9.6
68	6.3	3.3	4.9

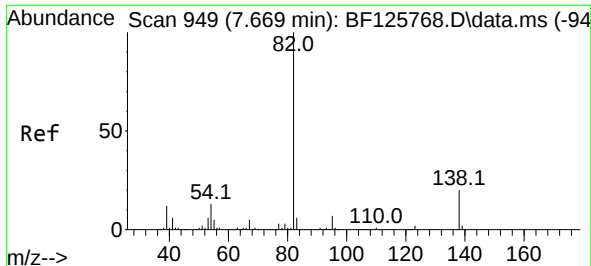


#23
Nitrobenzene-d5
Concen: 59.589 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion: 82 Resp: 681624

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.6	60.8
54	42.7	49.6	74.4

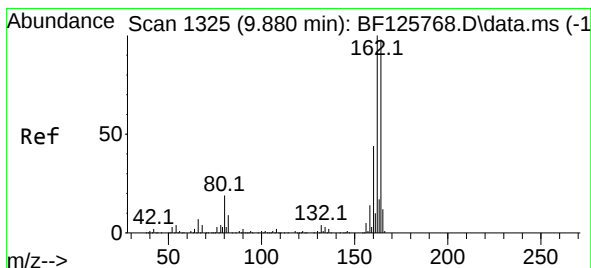
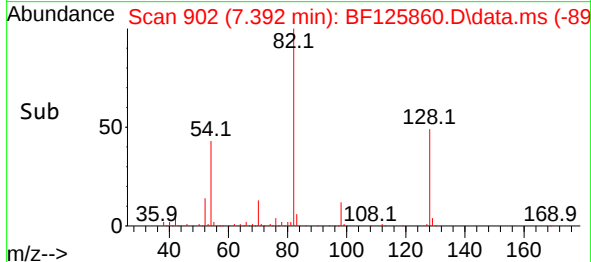
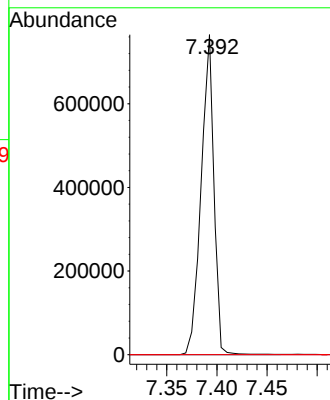
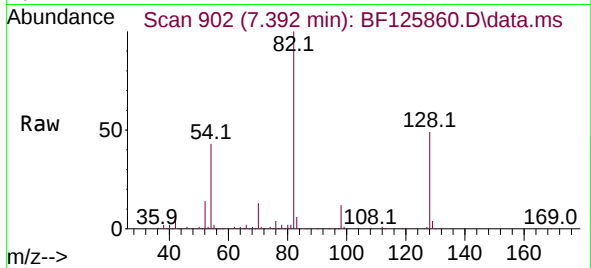




#25
Isophorone
Concen: 33.635 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

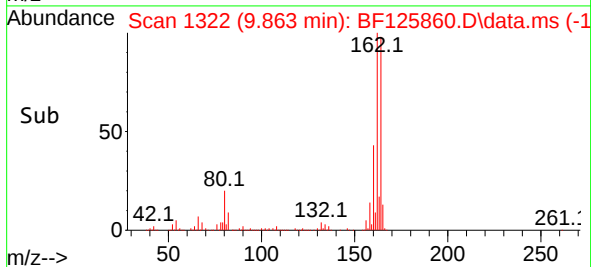
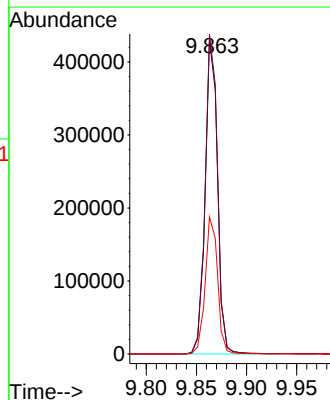
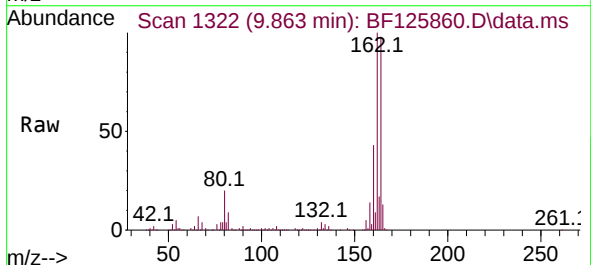
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

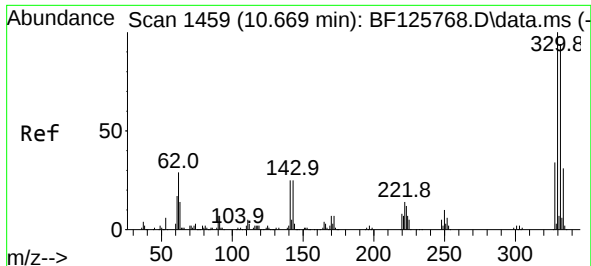
Tgt Ion: 82 Resp: 681618
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion: 164 Resp: 370015
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 43.5 38.0 57.0

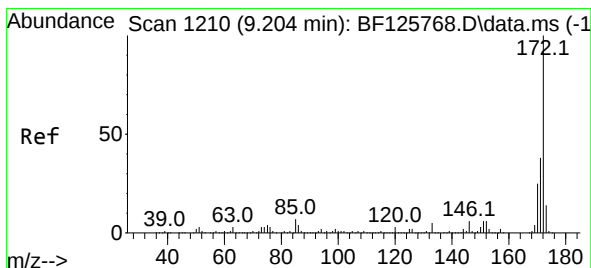
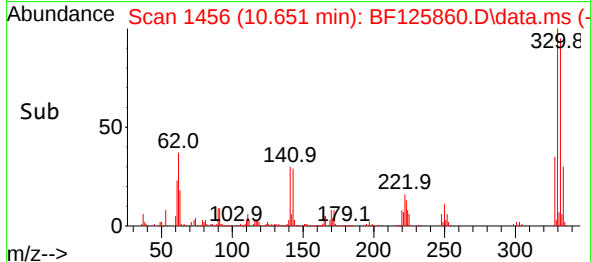
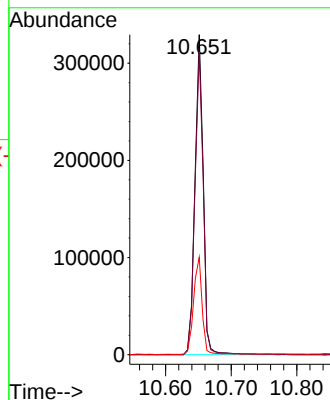
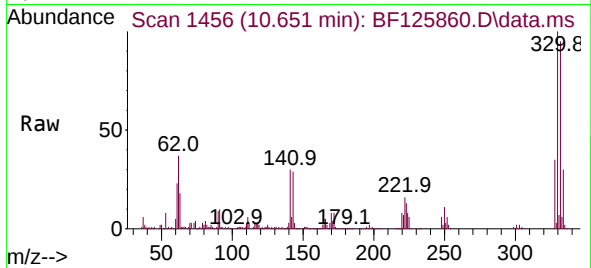




#42
2,4,6-Tribromophenol
Concen: 79.442 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

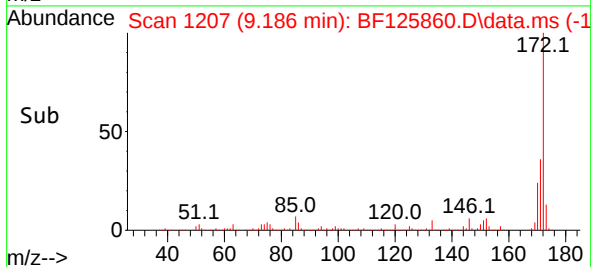
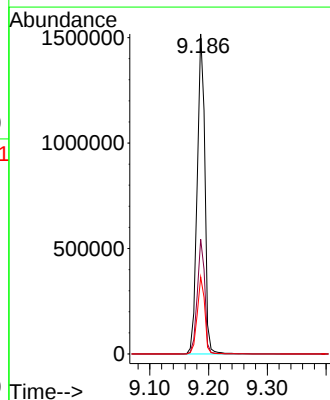
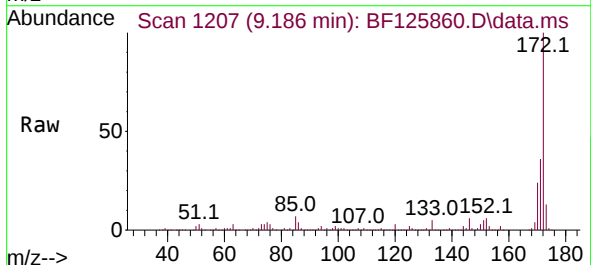
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

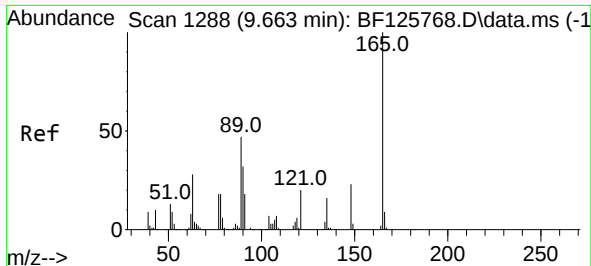
Tgt Ion: 330 Resp: 290217
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.171 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion: 172 Resp: 1376624
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

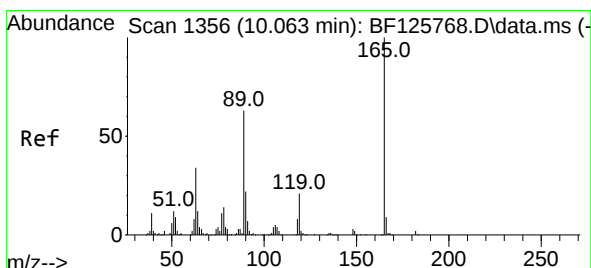
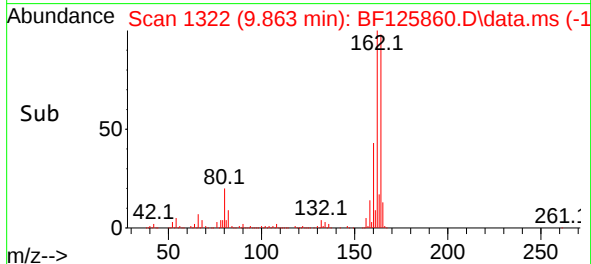
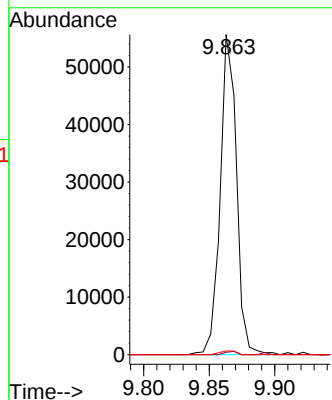
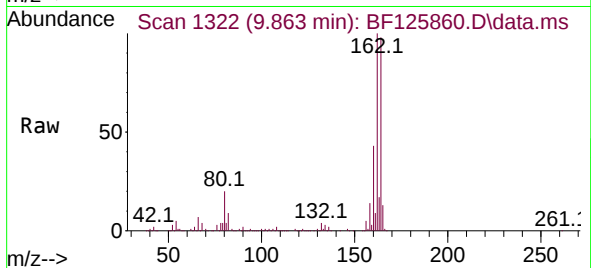




#51
2,6-Dinitrotoluene
Concen: 9.734 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

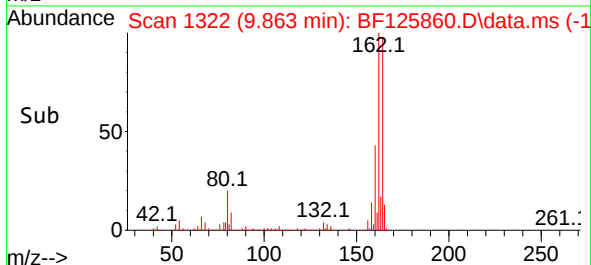
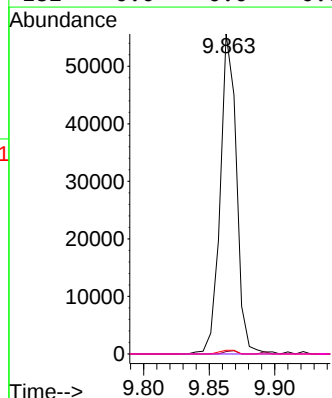
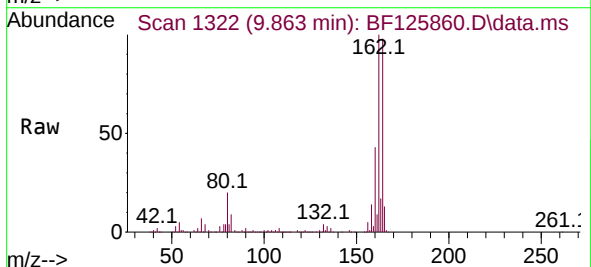
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

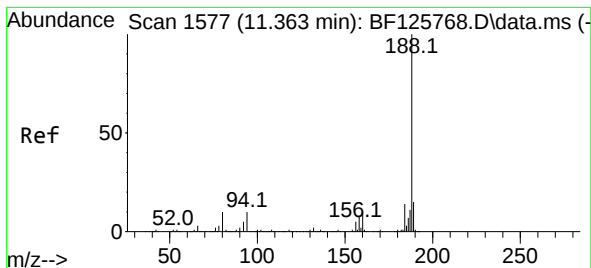
Tgt Ion:165 Resp: 47924
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.698 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:165 Resp: 47924
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

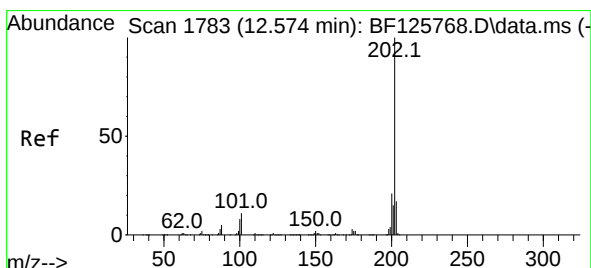
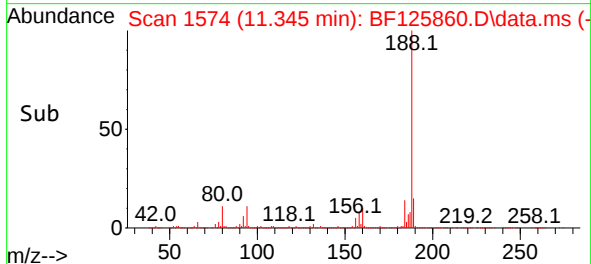
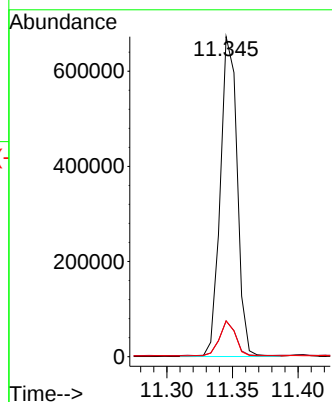
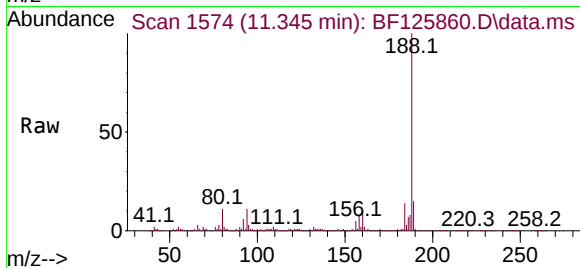




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

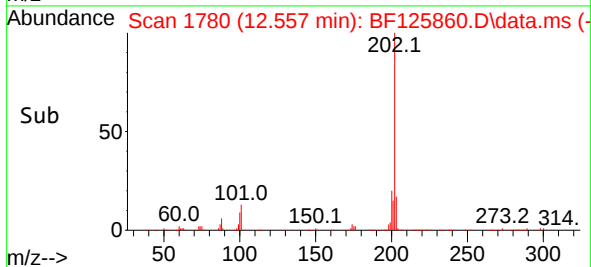
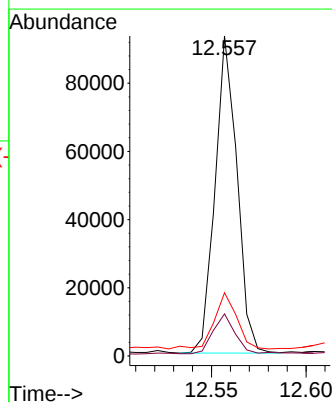
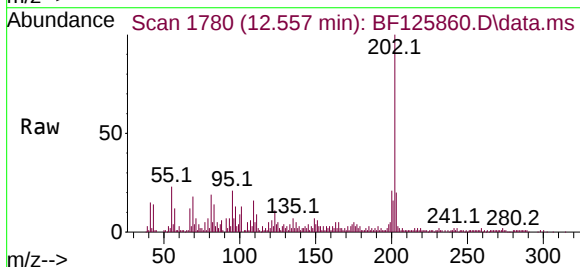
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

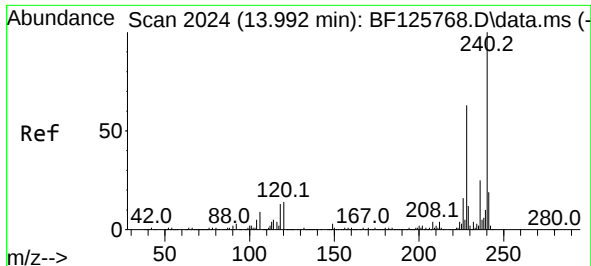
Tgt Ion:188 Resp: 601312
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.2 7.5 11.3



#75
Fluoranthene
Concen: 2.584 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:202 Resp: 75027
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 19.7 0.0 36.3

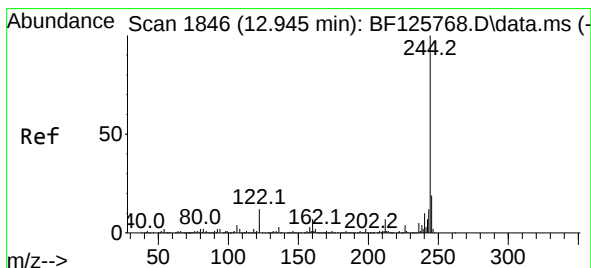
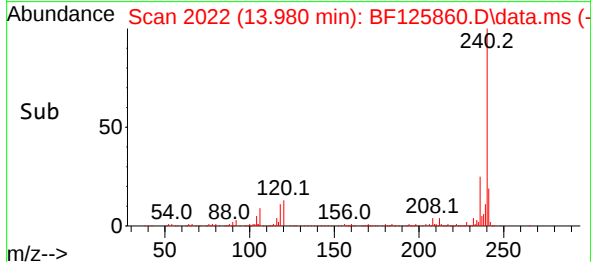
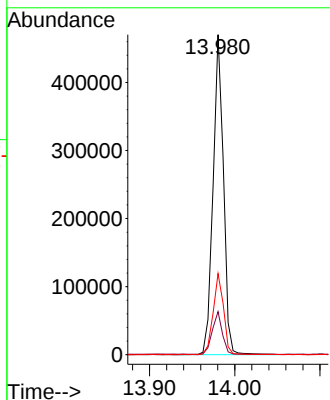
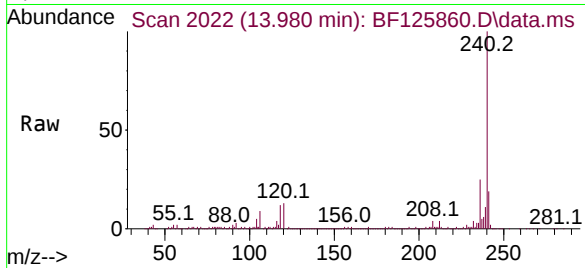




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

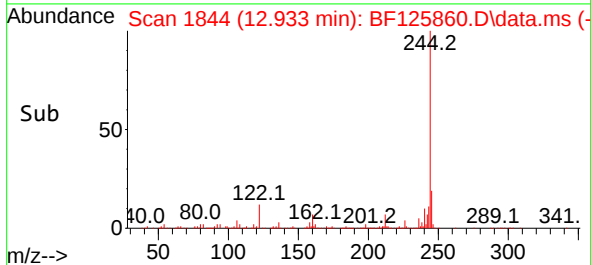
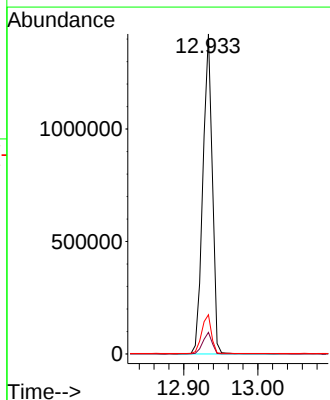
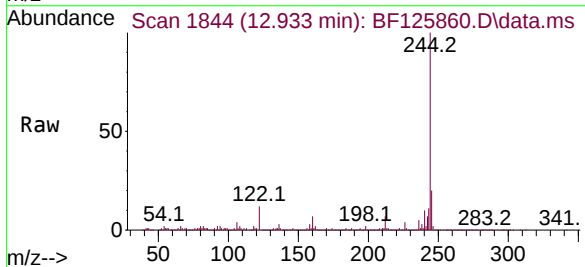
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

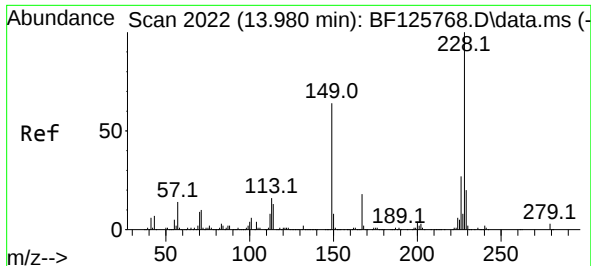
Tgt Ion:240 Resp: 398865
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 47.904 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:244 Resp: 1254363
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.2 9.0 13.4

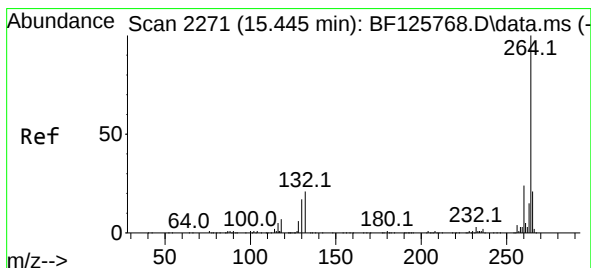
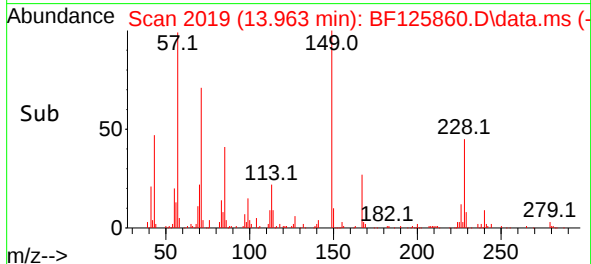
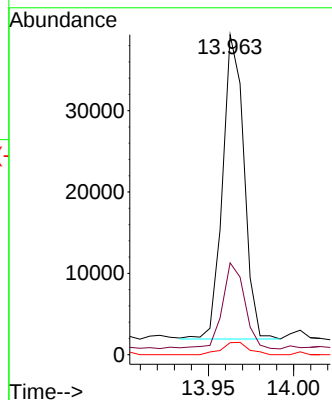
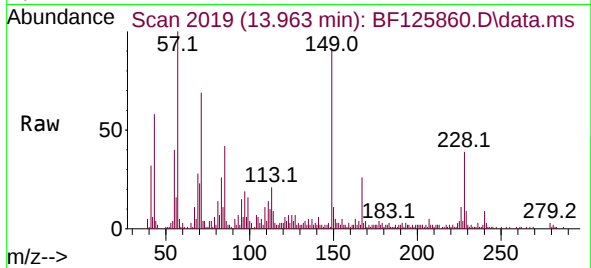




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.307 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

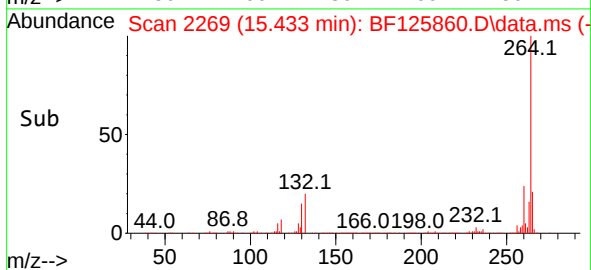
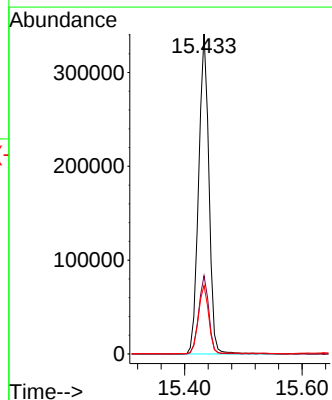
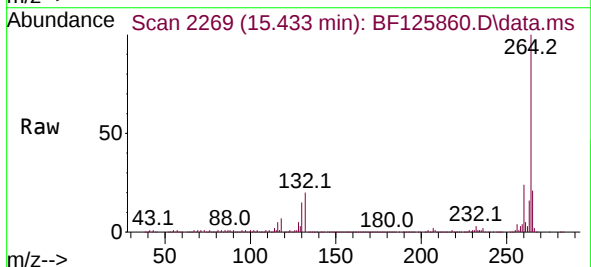
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

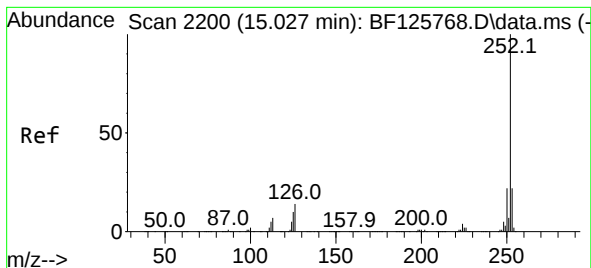
Tgt Ion:149 Resp: 32608
Ion Ratio Lower Upper
149 100
167 28.7 21.4 32.0
279 3.8 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:264 Resp: 413787
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.4 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.222 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF125860.D

Acq: 15 Oct 2021 13:47

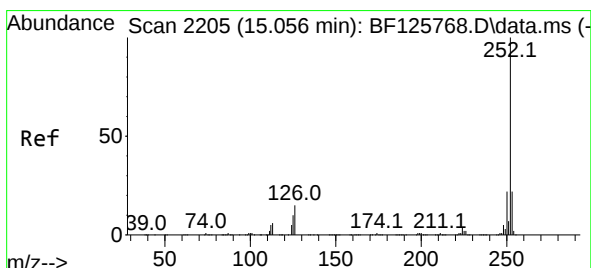
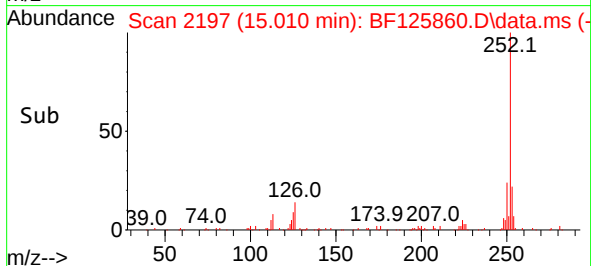
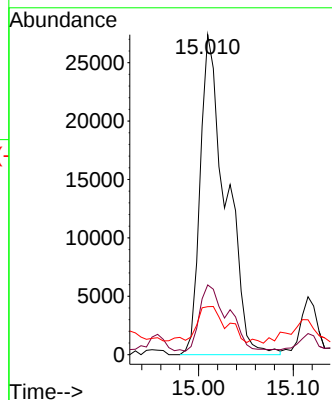
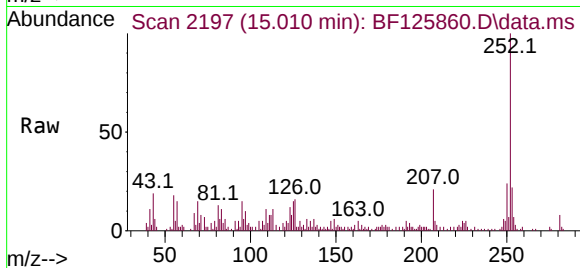
Tgt Ion:252	Resp:	51908
Ion Ratio	Lower	Upper
252	100	
253	21.8	16.8 25.2
125	15.0	9.8 14.8#

Instrument :

BNA_F

ClientSampleId :

T4-COMP-(1-4)



#89

Benzo(k)fluoranthene

Concen: 2.164 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.035 min

Lab File: BF125860.D

Acq: 15 Oct 2021 13:47

Tgt Ion:252	Resp:	51908
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.8 26.8
125	15.0	7.2 10.8#

