

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125866.D
 Acq On : 15 Oct 2021 16:59
 Operator : JU/CG
 Sample : M4242-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-COMP-(1-4)

Quant Time: Oct 18 08:56:13 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)

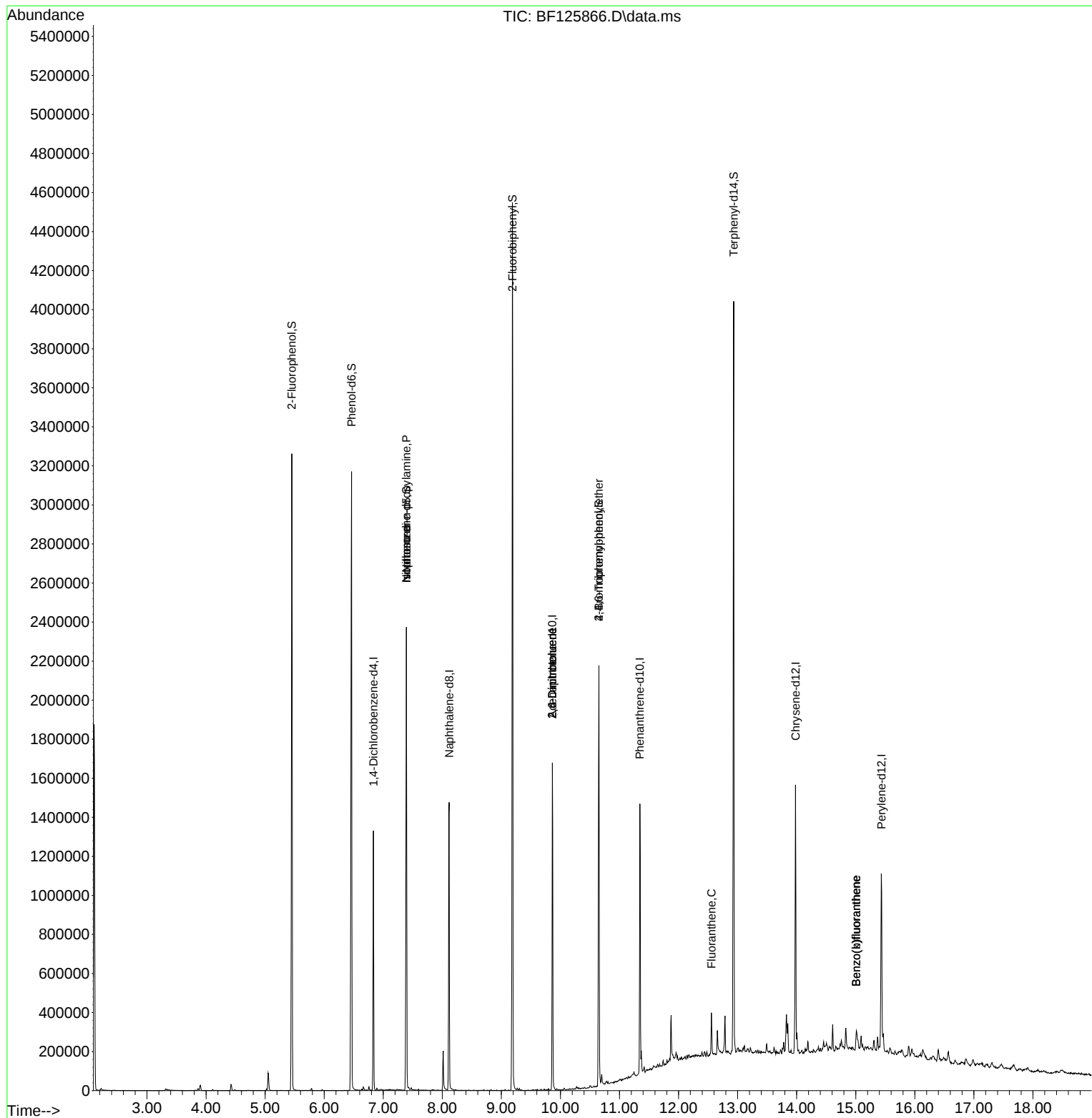
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	182326	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	719929	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	349395	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	514361	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	422877	20.000	ng	0.00
86) Perylene-d12	15.433	264	405618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1036310	92.853	ng	0.00
7) Phenol-d6	6.463	99	1283127	89.306	ng	0.00
23) Nitrobenzene-d5	7.392	82	770181	66.499	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	278066	80.608	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1494269	73.766	ng	0.00
79) Terphenyl-d14	12.933	244	1284906	46.284	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	96916	12.778	ng	# 50
25) Isophorone	7.392	82	764303	37.249	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	44426	9.556	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	44426	7.558	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	15790	2.772	ng	# 1
75) Fluoranthene	12.557	202	77901	3.137	ng	96
88) Benzo(b)fluoranthene	15.010	252	68905	3.009	ng	# 91
89) Benzo(k)fluoranthene	15.010	252	68905	2.931	ng	# 91

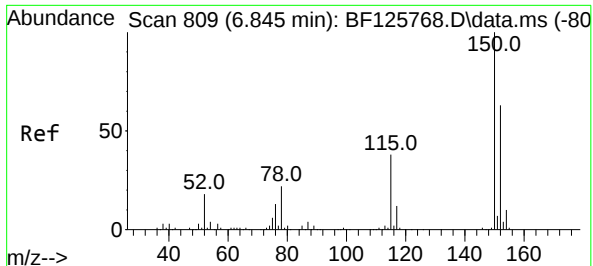
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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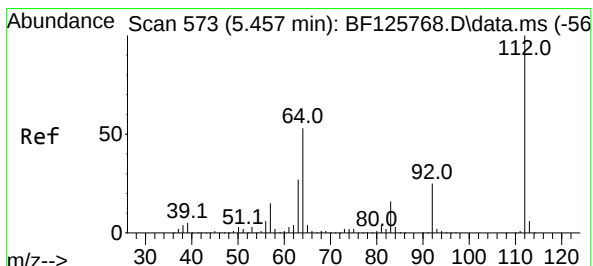
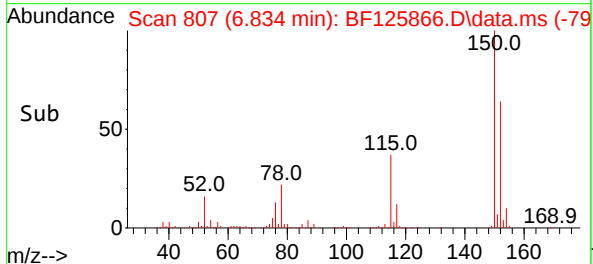
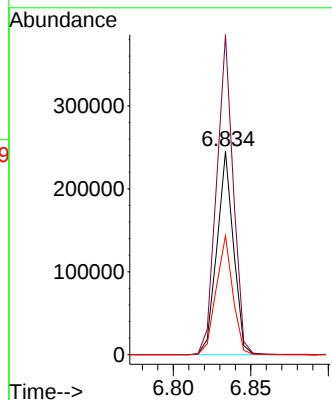
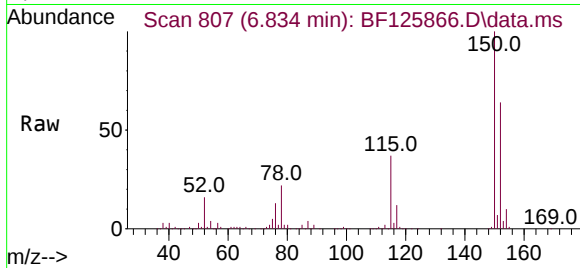




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

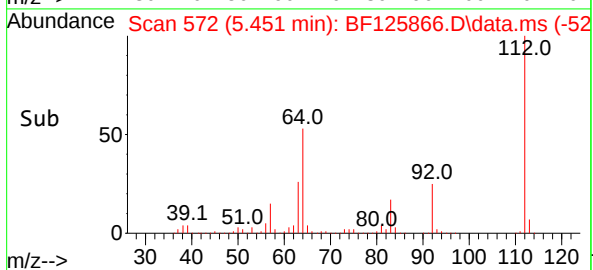
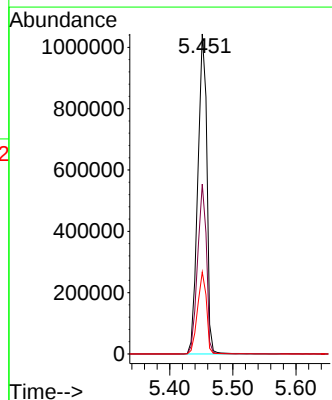
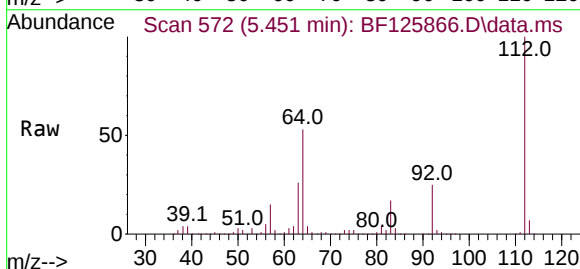
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

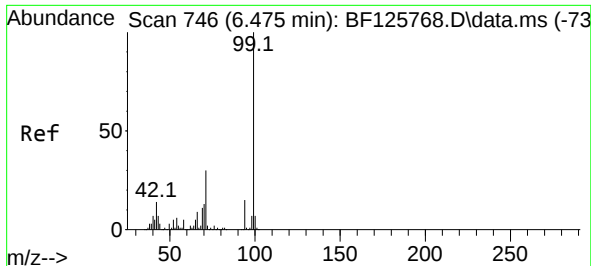
Tgt Ion:152 Resp: 182326
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 92.853 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:112 Resp: 1036310
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 25.6 26.2 39.2#

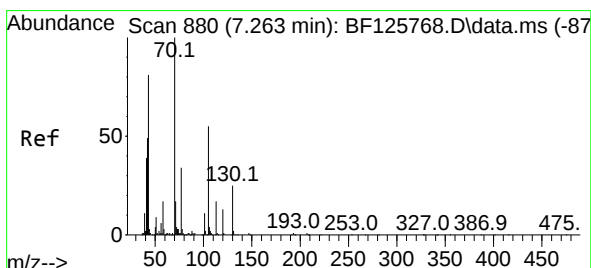
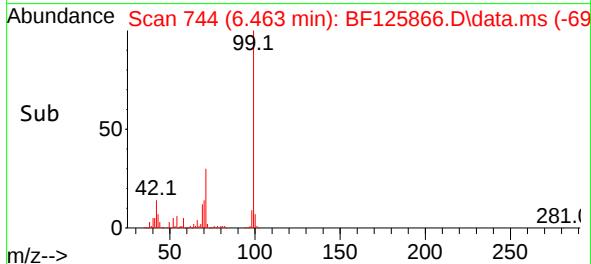
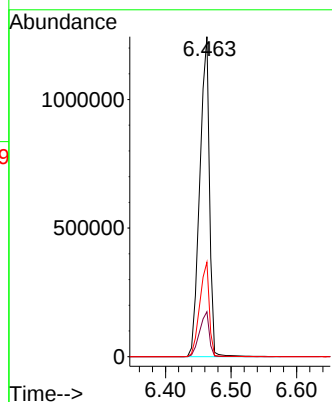
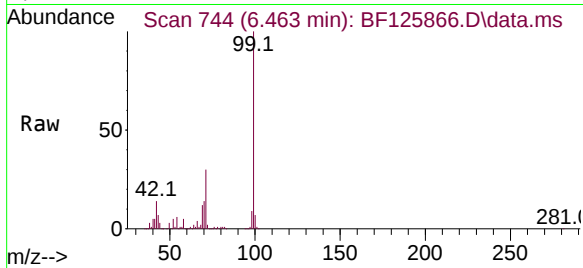




#7
Phenol-d6
Concen: 89.306 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

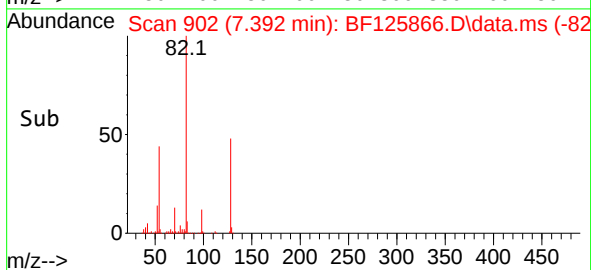
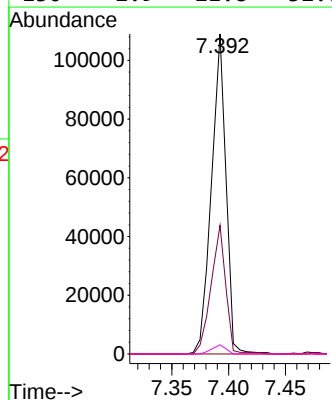
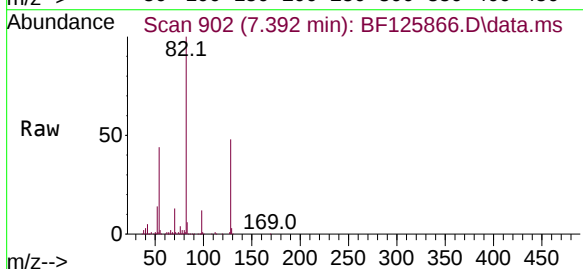
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

Tgt Ion: 99 Resp: 1283127
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.778 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion: 70 Resp: 96916
Ion Ratio Lower Upper
70 100
42 40.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.9 21.8 32.6#

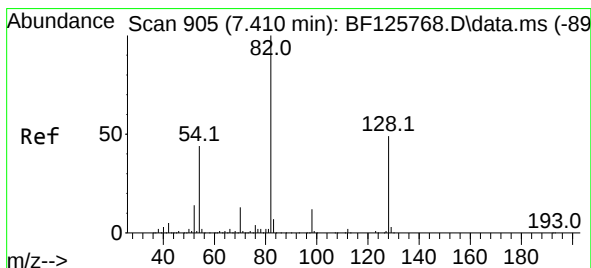
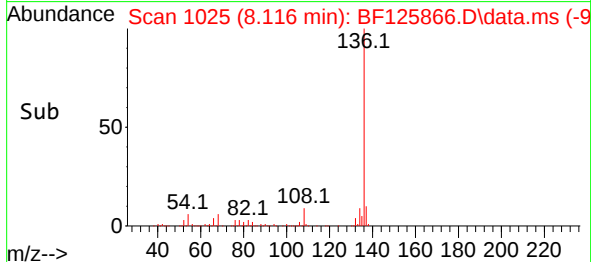
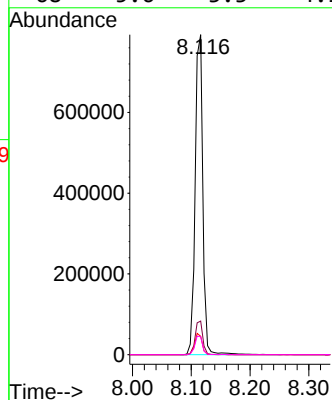
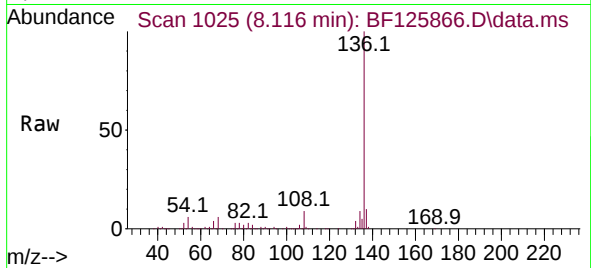




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

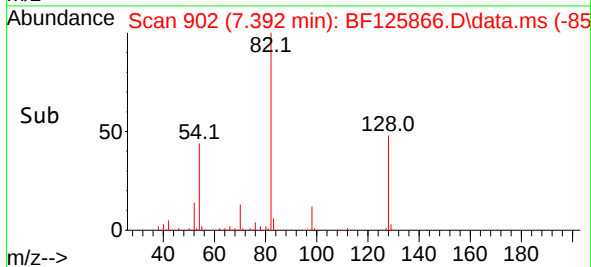
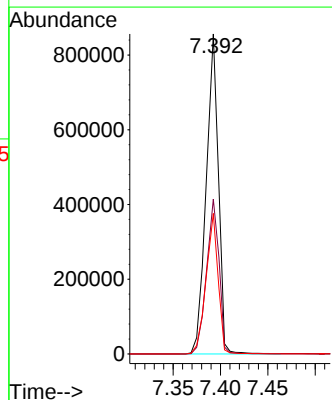
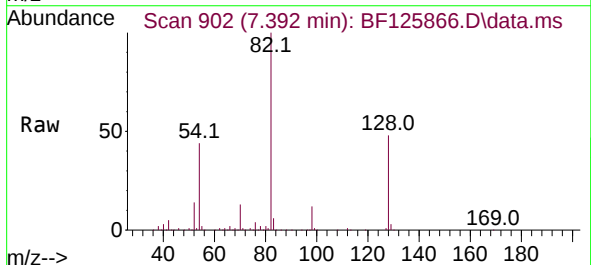
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

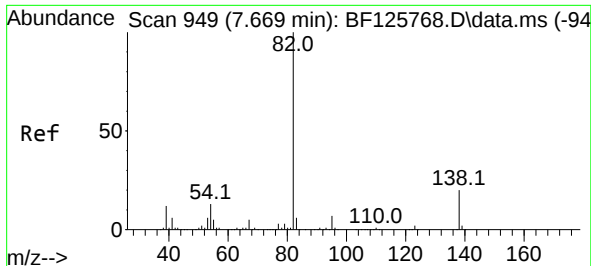
Tgt Ion:136	Resp: 719929
Ion Ratio	Lower Upper
136	100
137	10.5 9.8 14.6
54	5.8 6.4 9.6#
68	5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.499 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion: 82	Resp: 770181
Ion Ratio	Lower Upper
82	100
128	48.4 40.6 60.8
54	43.9 49.6 74.4#

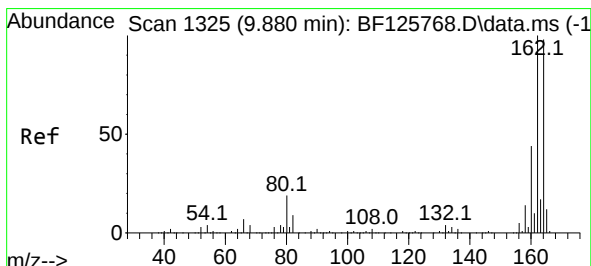
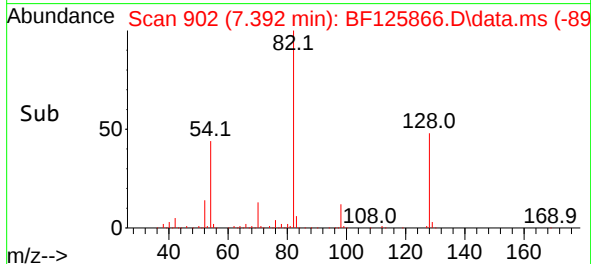
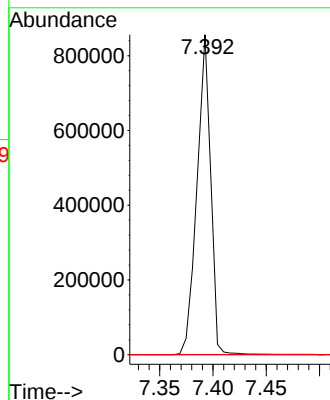
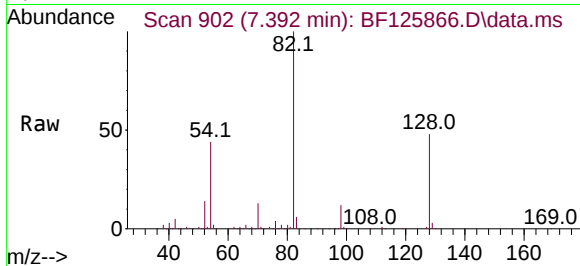




#25
Isophorone
Concen: 37.249 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

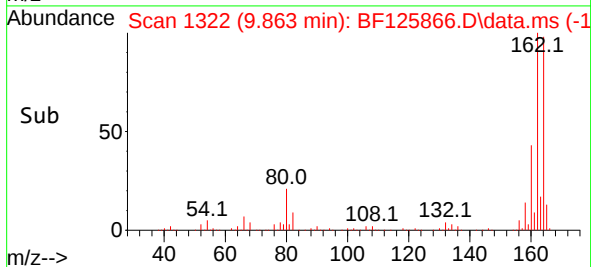
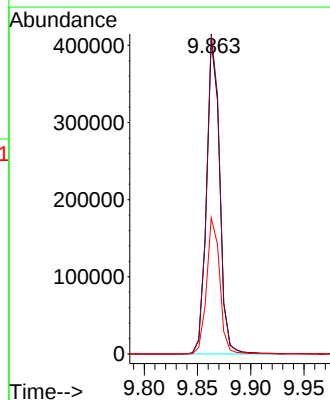
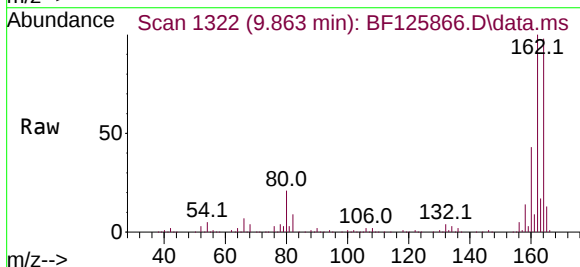
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

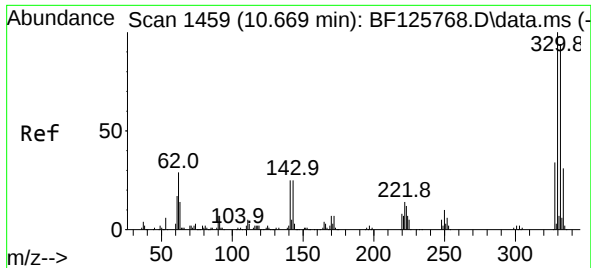
Tgt Ion: 82 Resp: 764303
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion: 164 Resp: 349395
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 43.3 38.0 57.0

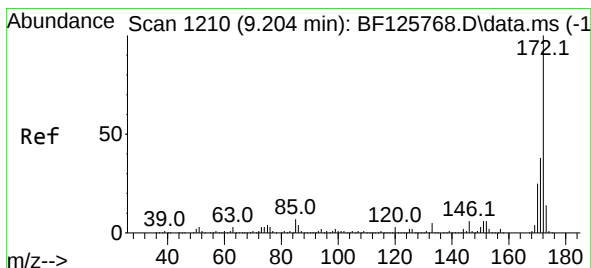
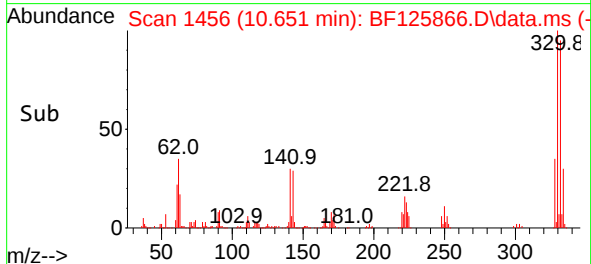
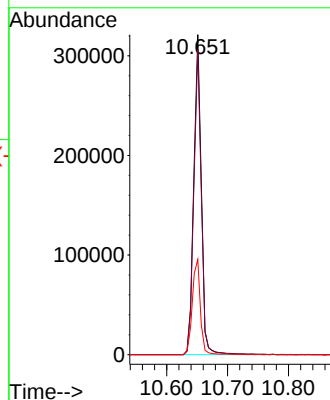
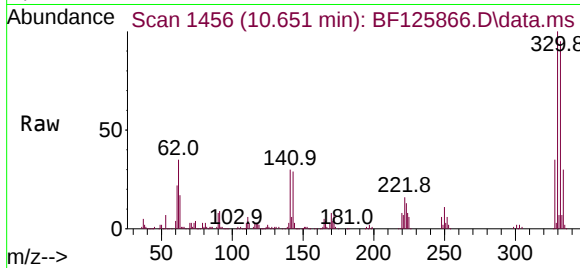




#42
2,4,6-Tribromophenol
Concen: 80.608 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

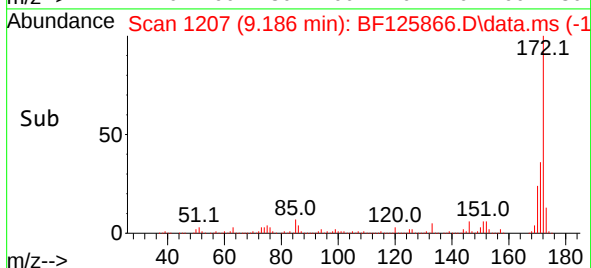
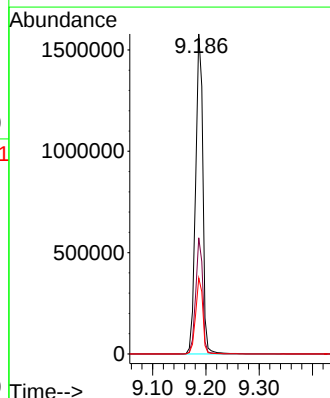
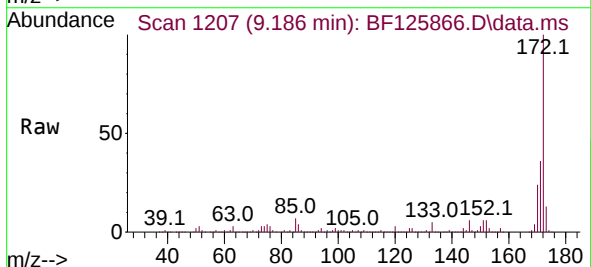
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T1-COMP-(1-4)

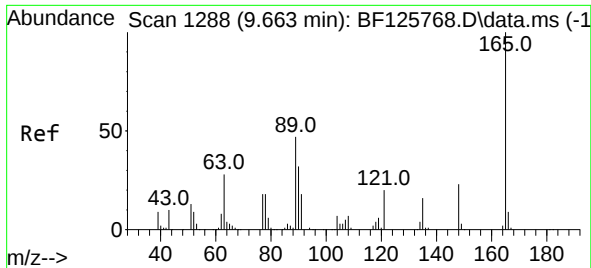
Tgt Ion: 330 Resp: 278066
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.766 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion: 172 Resp: 1494269
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 23.8 18.8 28.2

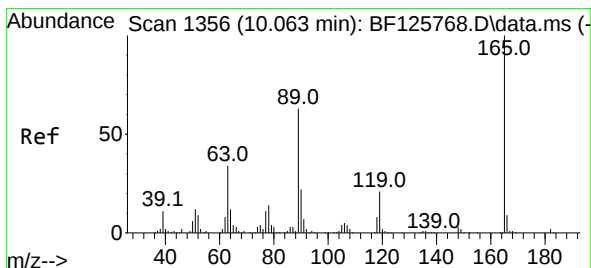
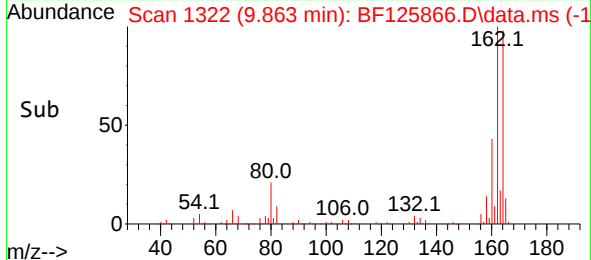
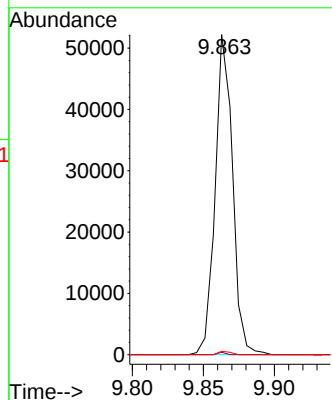
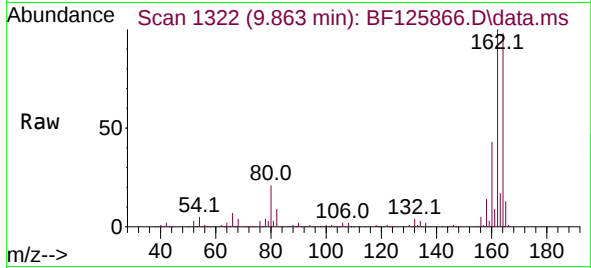




#51
2,6-Dinitrotoluene
Concen: 9.556 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

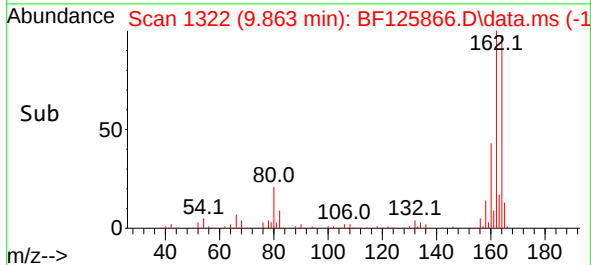
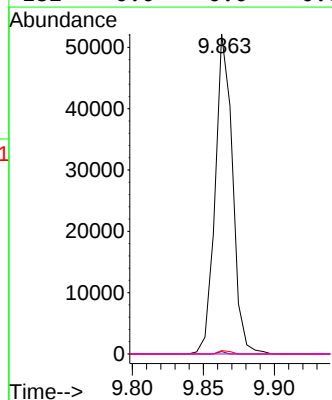
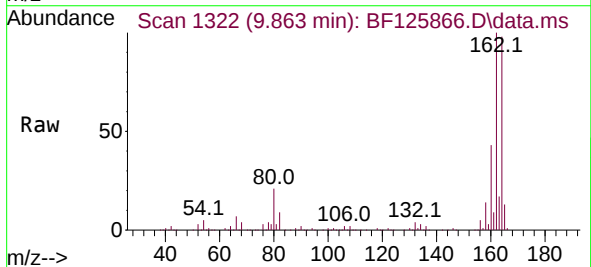
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T1-COMP-(1-4)

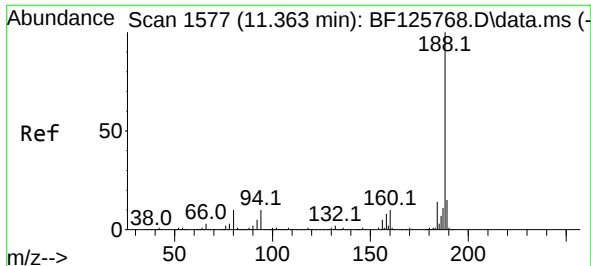
Tgt Ion:165 Resp: 44426
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.558 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:165 Resp: 44426
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

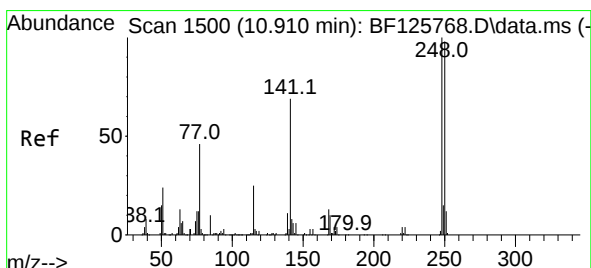
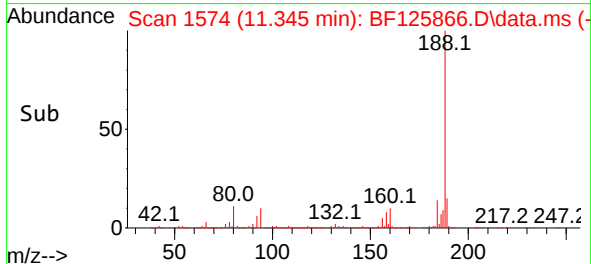
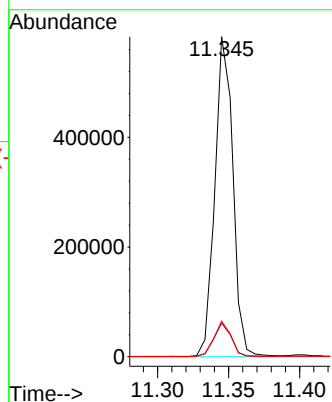
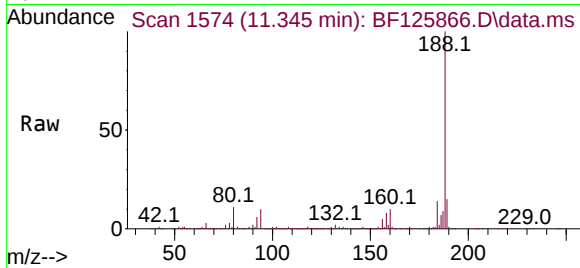




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

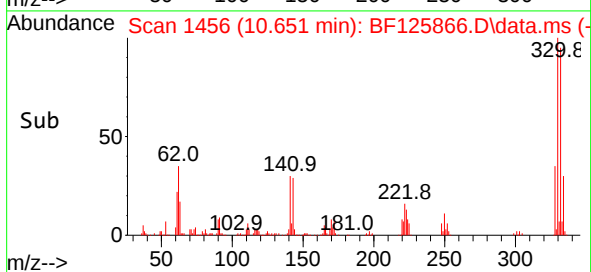
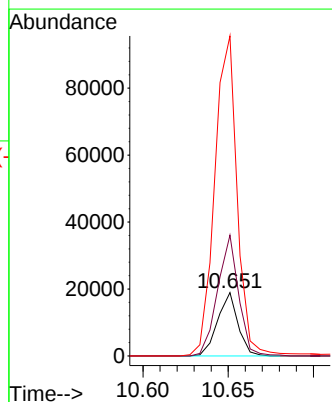
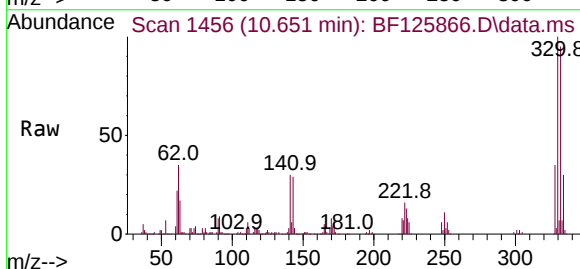
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

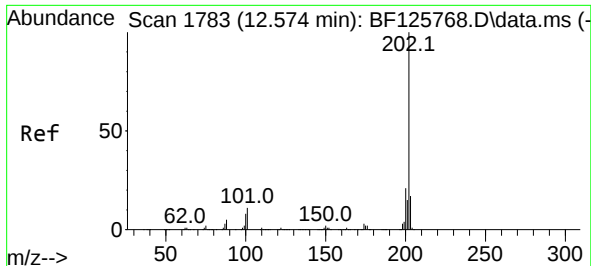
Tgt Ion:188 Resp: 514361
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.772 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:248 Resp: 15790
Ion Ratio Lower Upper
248 100
250 190.8 74.2 111.4#
141 505.3 60.4 90.6#

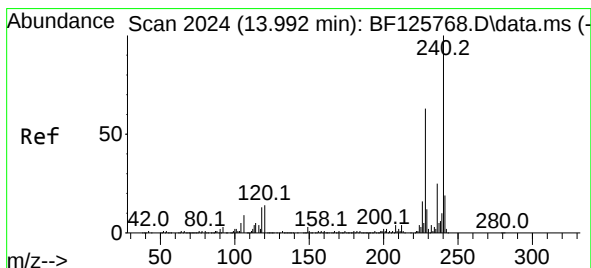
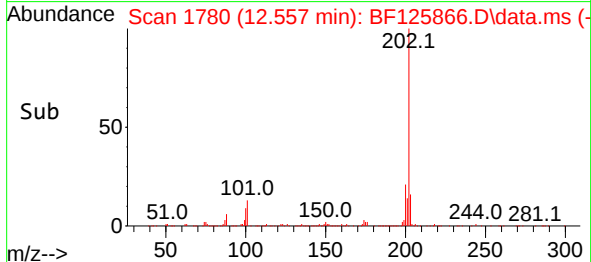
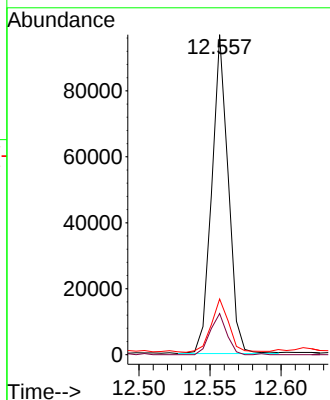
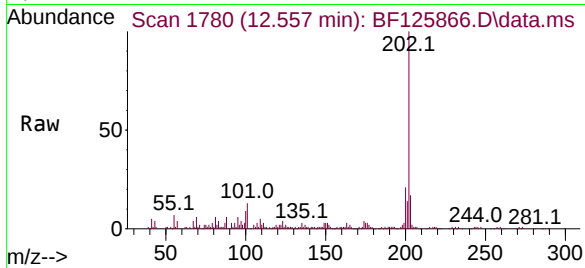




#75
Fluoranthene
Concen: 3.137 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

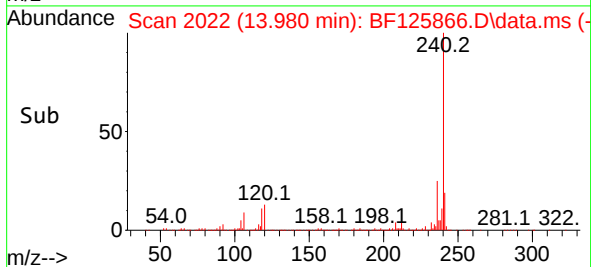
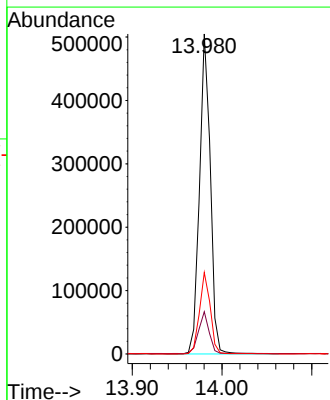
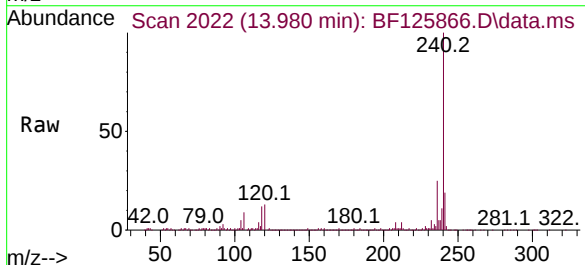
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

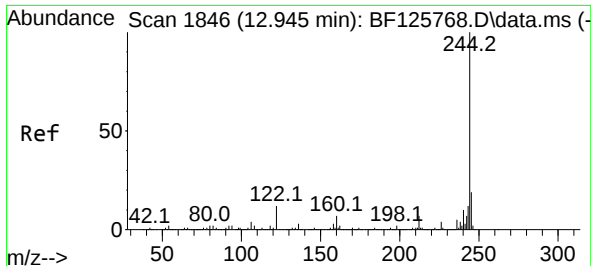
Tgt Ion:	202	Resp:	77901
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.7
203	17.4	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:	240	Resp:	422877
Ion Ratio	Lower	Upper	
240	100		
120	13.2	10.8	16.2
236	25.5	21.6	32.4

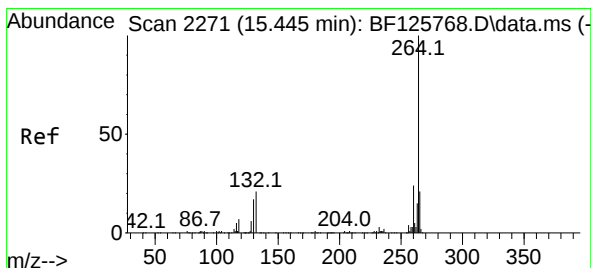
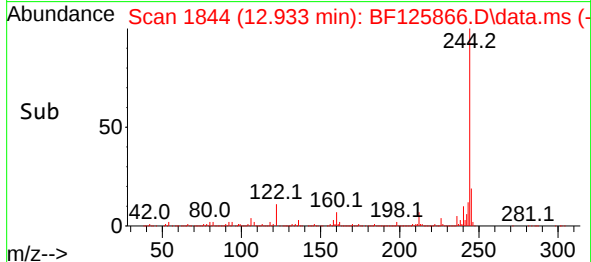
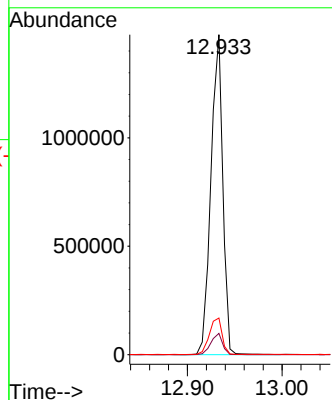
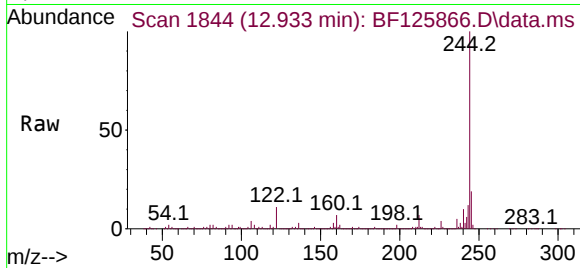




#79
Terphenyl-d14
Concen: 46.284 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

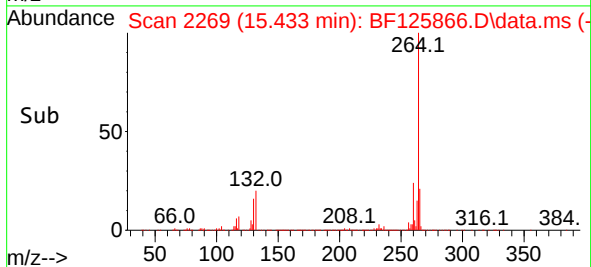
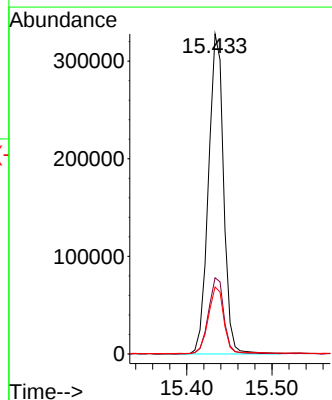
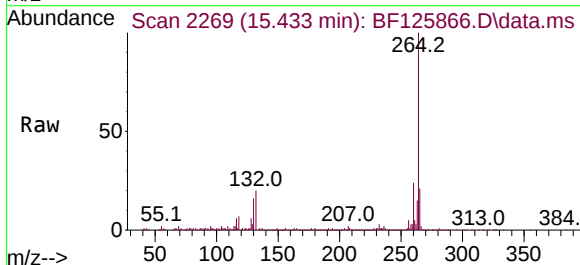
Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

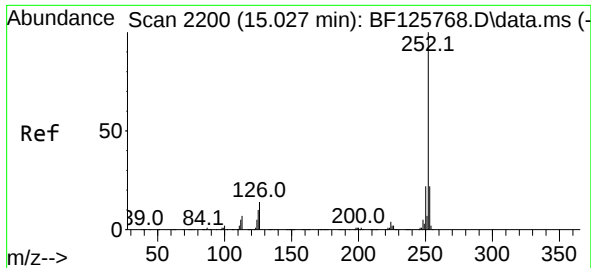
Tgt Ion:244 Resp: 1284906
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:264 Resp: 405618
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.0 17.2 25.8

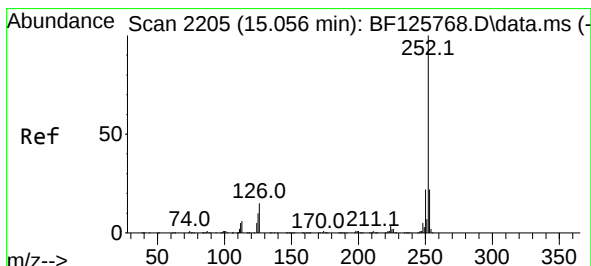
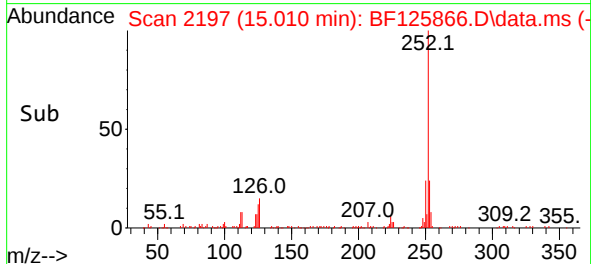
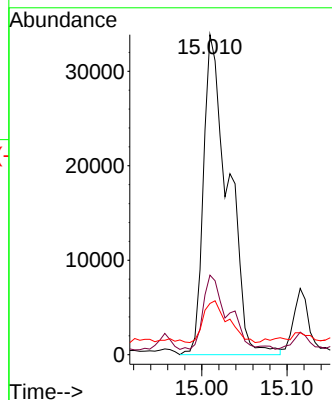
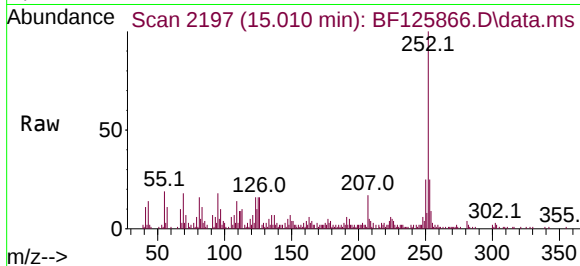




#88
Benzo(b)fluoranthene
Concen: 3.009 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Instrument :
BNA_F
ClientSampleId :
T1-COMP-(1-4)

Tgt Ion:252 Resp: 68905
Ion Ratio Lower Upper
252 100
253 24.9 16.8 25.2
125 16.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.931 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF125866.D
Acq: 15 Oct 2021 16:59

Tgt Ion:252 Resp: 68905
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 16.0 7.2 10.8#

