

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125804.D
 Acq On : 12 Oct 2021 16:23
 Operator : JU/CG
 Sample : M4159-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T10-COMP-(1-4)

Quant Time: Oct 13 09:43:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

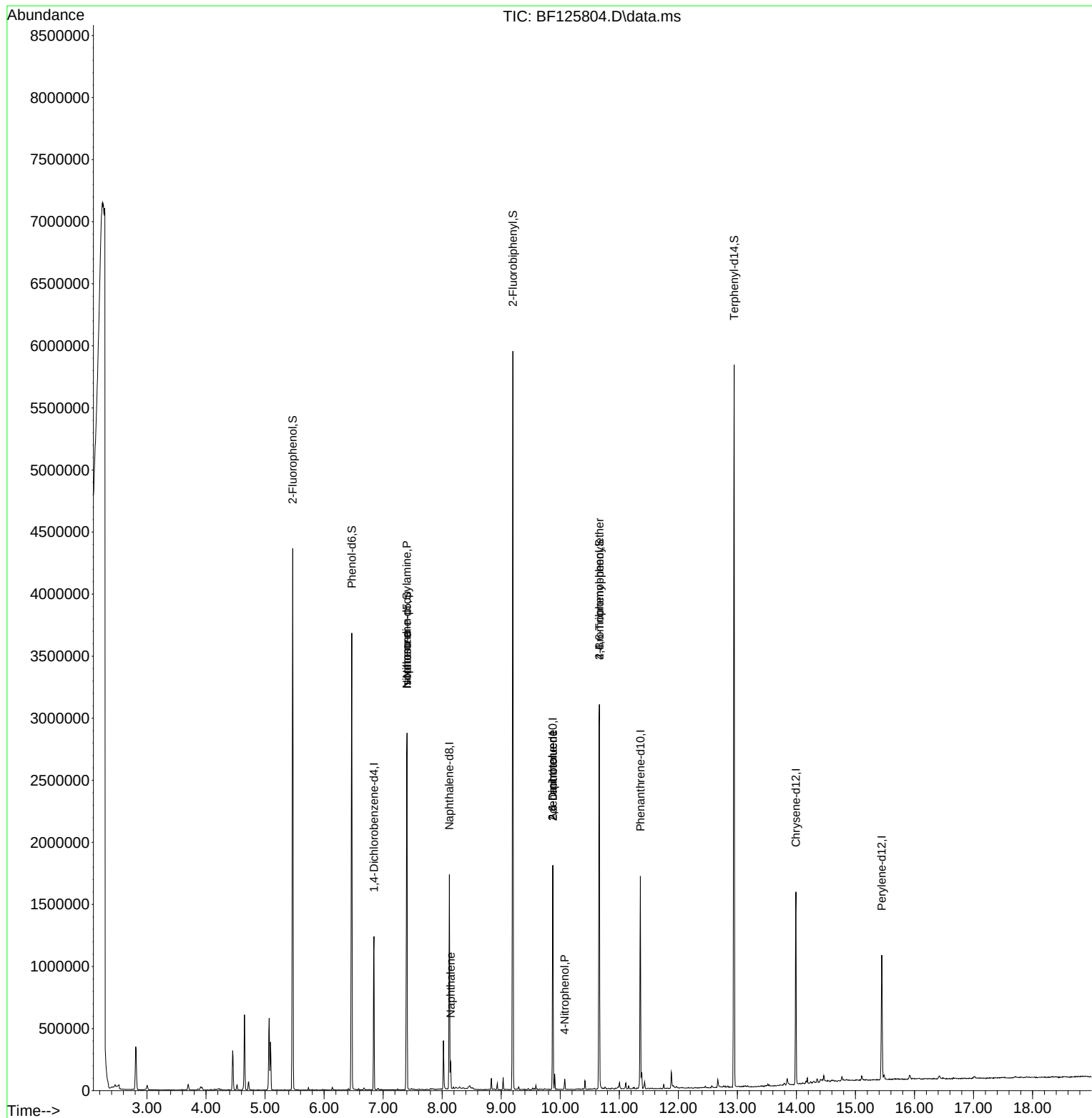
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	189907	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	712648	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	335849	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	573752	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	517460	20.000	ng	0.00
86) Perylene-d12	15.445	264	424713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1345720	115.762	ng	0.01
7) Phenol-d6	6.469	99	1353336	90.433	ng	0.00
23) Nitrobenzene-d5	7.404	82	1007320	87.863	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	422640	127.460	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1795138	92.193	ng	0.00
79) Terphenyl-d14	12.945	244	2023443	59.564	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	125612	15.900	ng	# 50
25) Isophorone	7.404	82	1003933	49.428	ng	# 59
31) Naphthalene	8.145	128	94906	2.754	ng	97
51) 2,6-Dinitrotoluene	9.874	165	42780	9.573	ng	# 27
56) 4-Nitrophenol	10.074	139	9767	2.480	ng	# 11
57) 2,4-Dinitrotoluene	9.874	165	42780	7.571	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	24389	3.838	ng	# 1

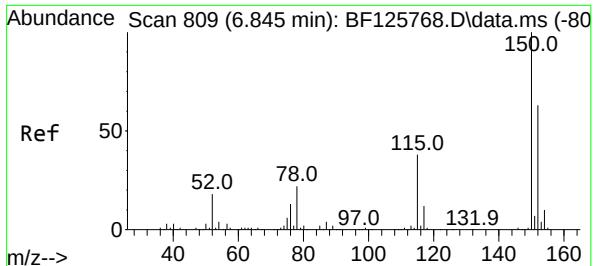
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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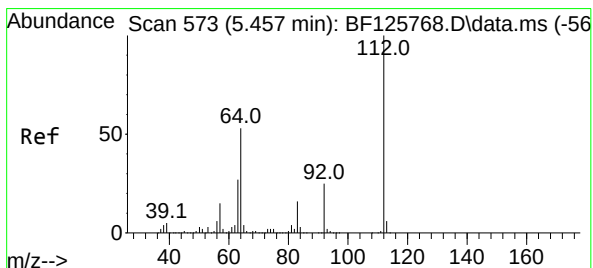
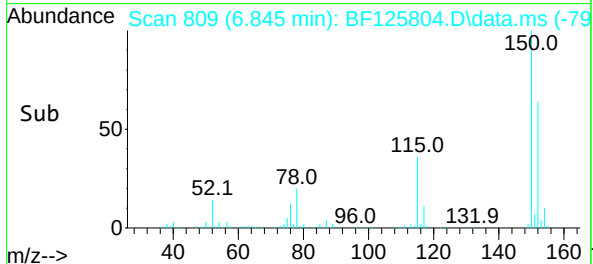
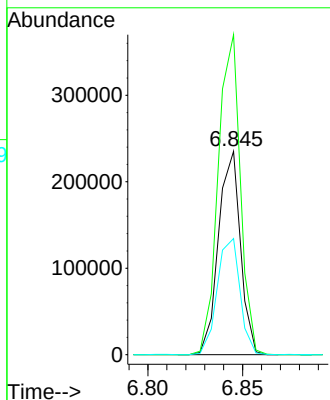
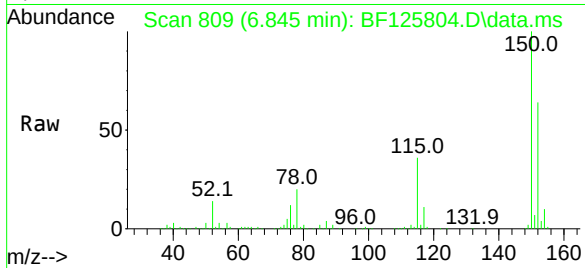




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

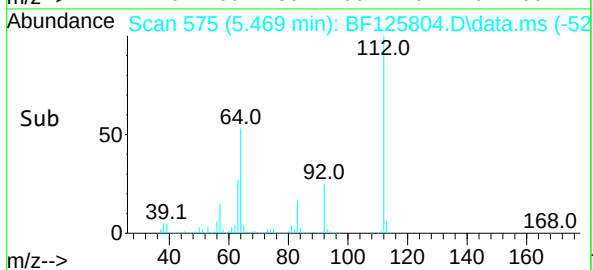
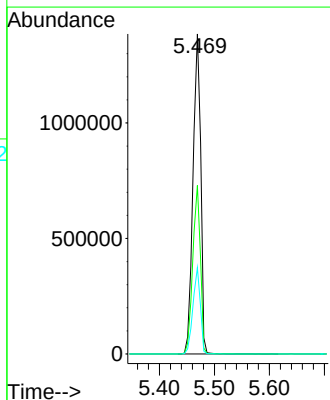
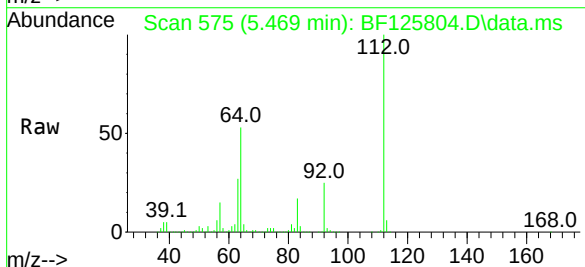
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

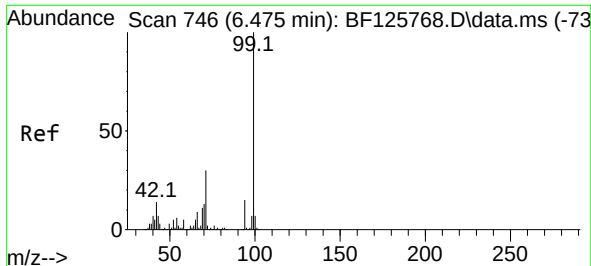
Tgt Ion:152 Resp: 189907
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 57.1 47.1 70.7



#5
2-Fluorophenol
Concen: 115.762 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:112 Resp: 1345720
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 27.0 26.2 39.2

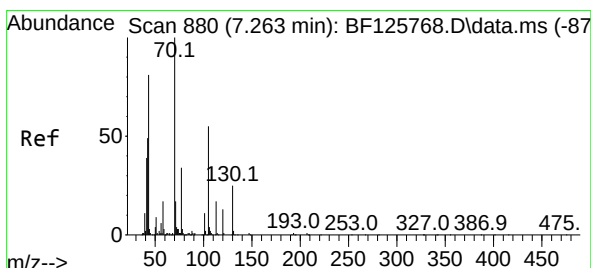
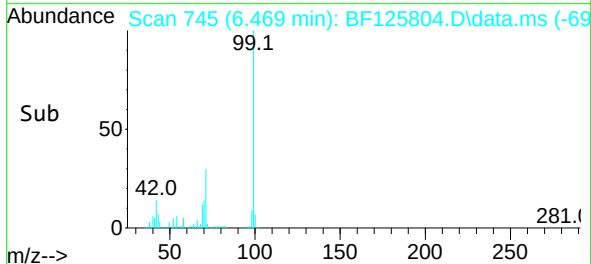
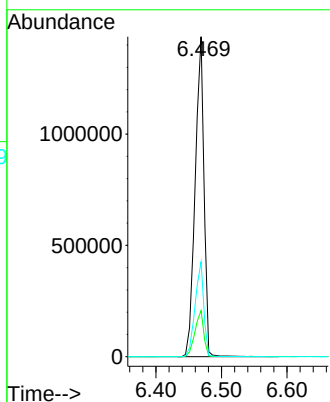
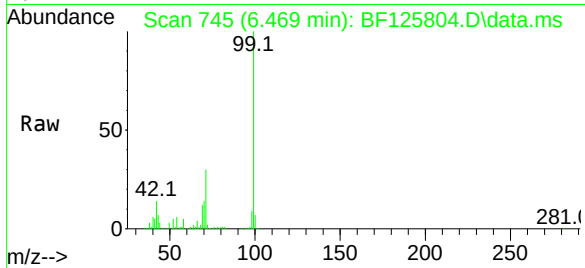




#7
Phenol-d6
Concen: 90.433 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

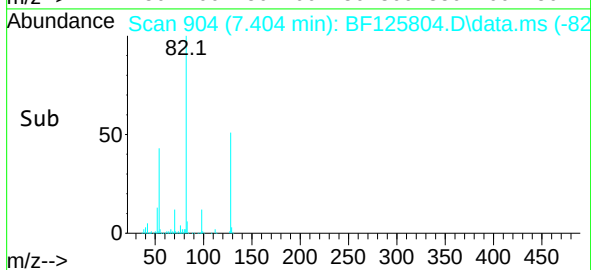
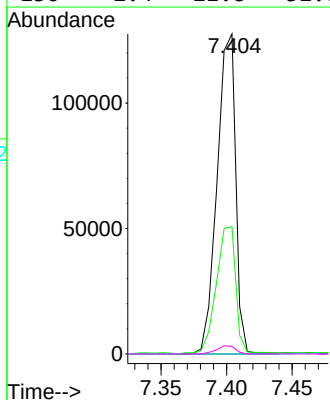
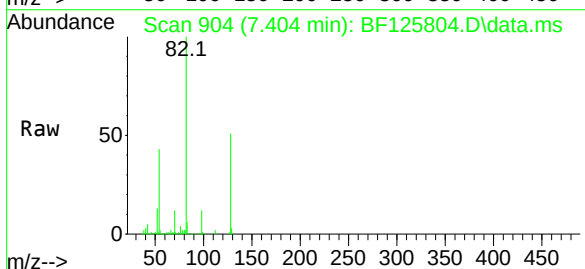
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

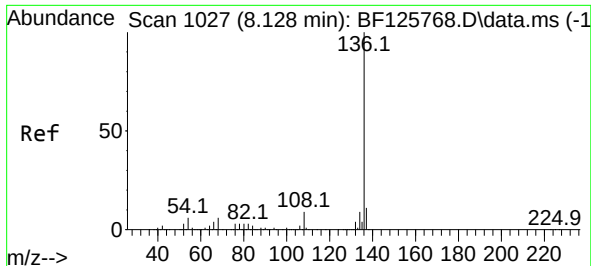
Tgt Ion: 99 Resp: 1353336
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.900 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion: 70 Resp: 125612
Ion Ratio Lower Upper
70 100
42 39.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

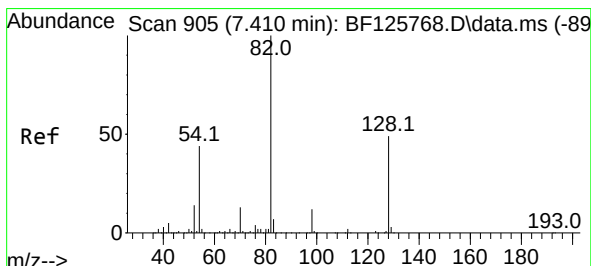
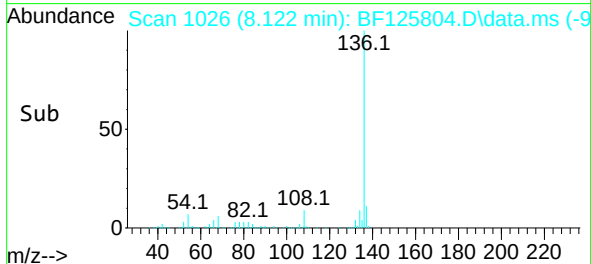
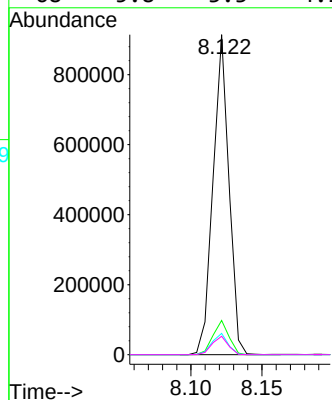
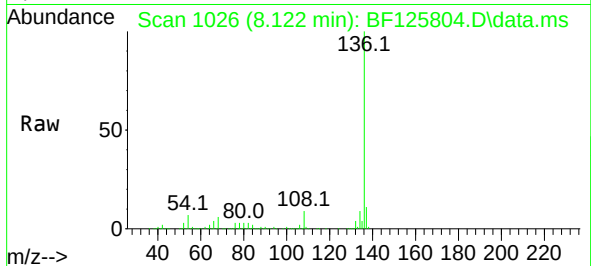




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

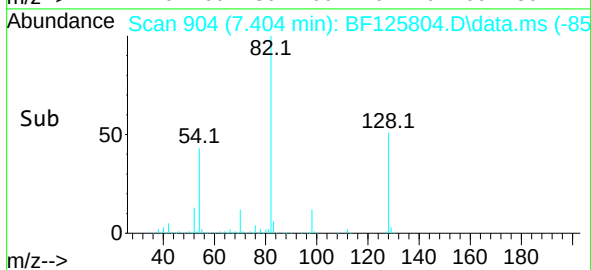
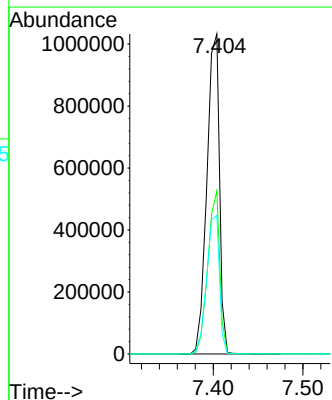
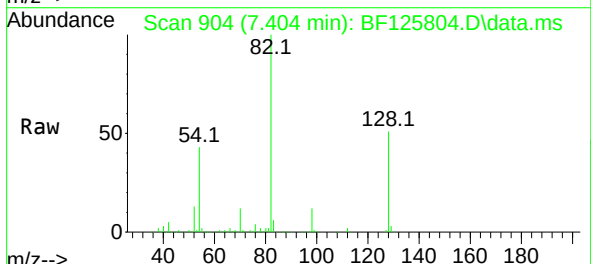
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

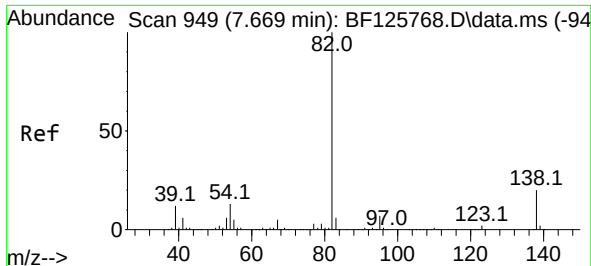
Tgt Ion:	136	Resp:	712648
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	6.6	6.4	9.6
68	5.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 87.863 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:	82	Resp:	1007320
Ion Ratio	Lower	Upper	
82	100		
128	51.0	40.6	60.8
54	43.3	49.6	74.4

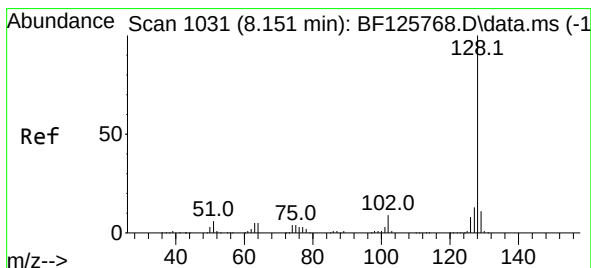
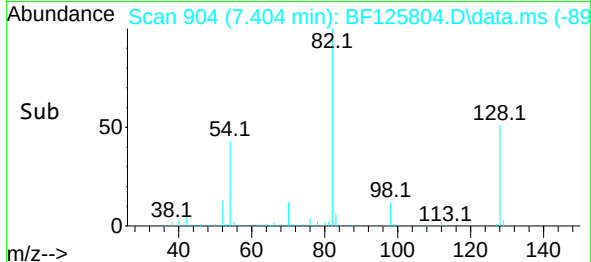
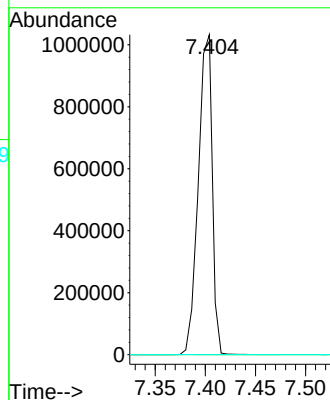
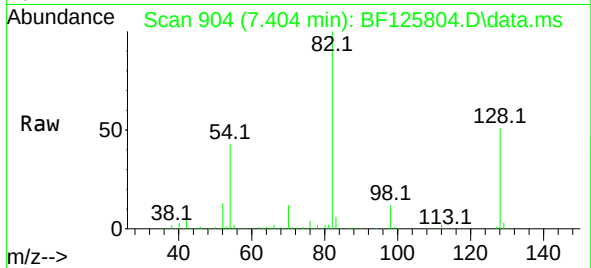




#25
Isophorone
Concen: 49.428 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

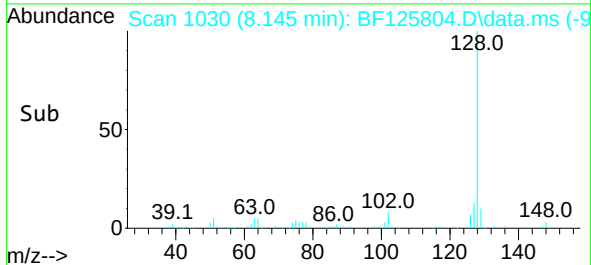
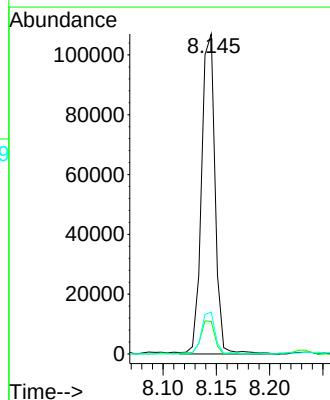
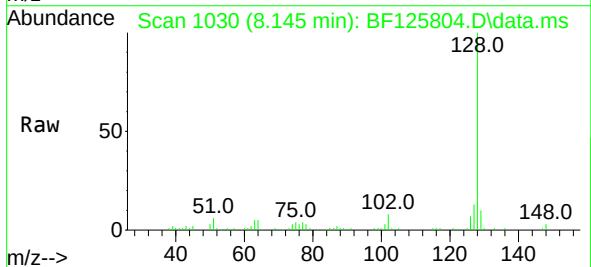
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

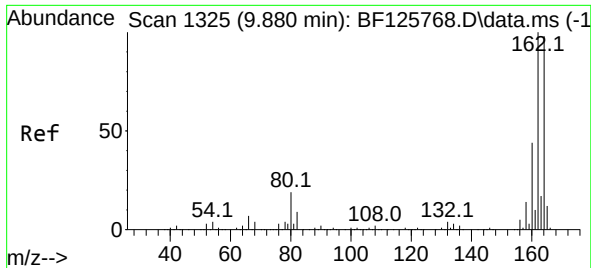
Tgt Ion: 82 Resp: 1003933
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#31
Naphthalene
Concen: 2.754 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion: 128 Resp: 94906
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.0
127 13.1 10.9 16.3

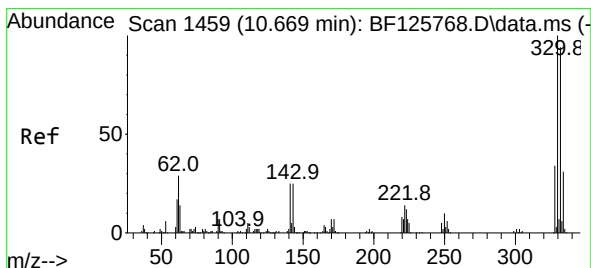
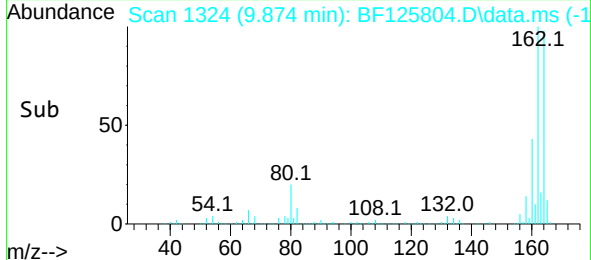
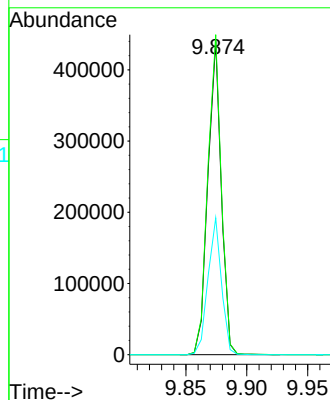
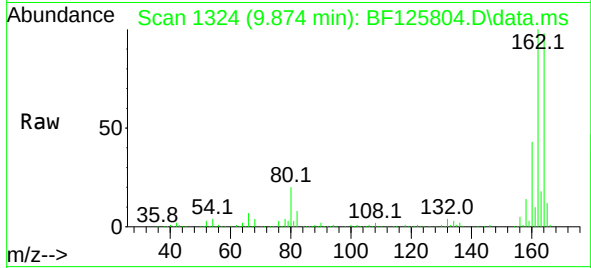




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

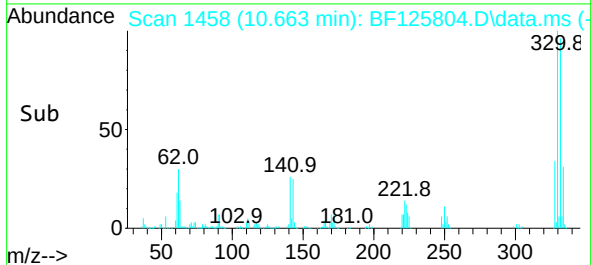
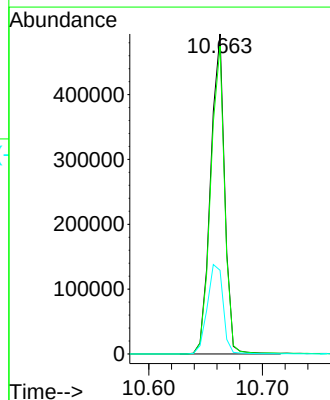
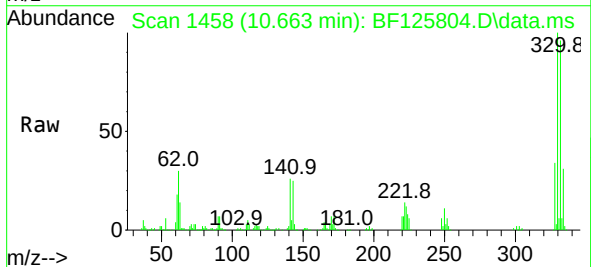
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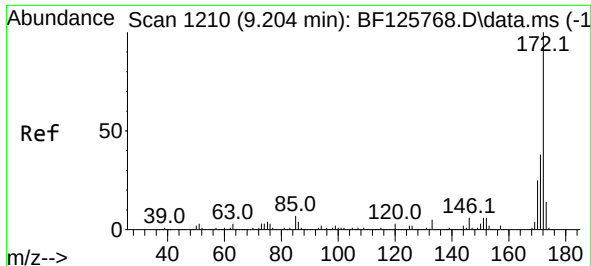
Tgt Ion:164 Resp: 335849
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 43.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 127.460 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:330 Resp: 422640
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 31.7 44.6 66.8#

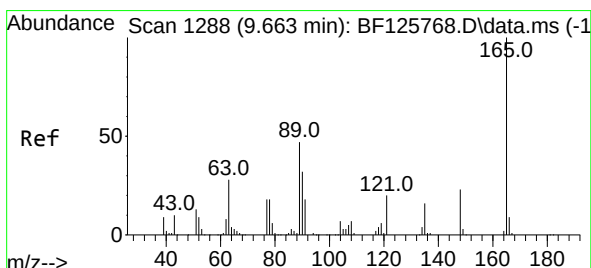
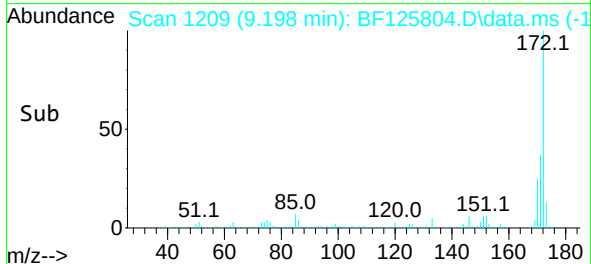
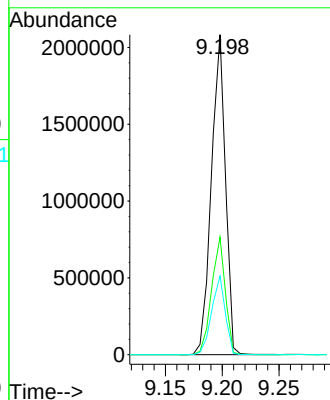
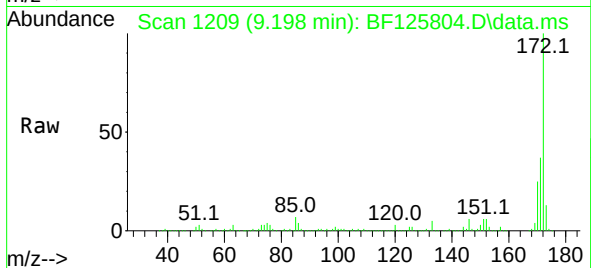




#45
2-Fluorobiphenyl
Concen: 92.193 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

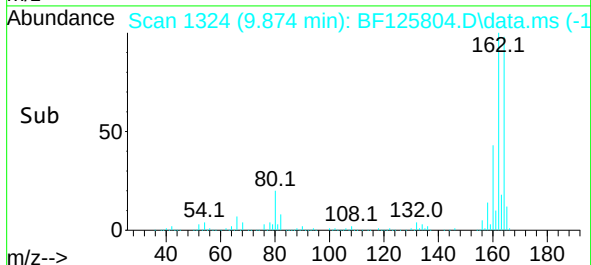
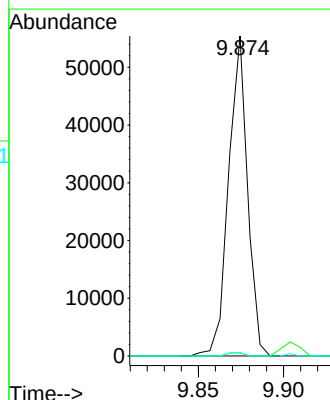
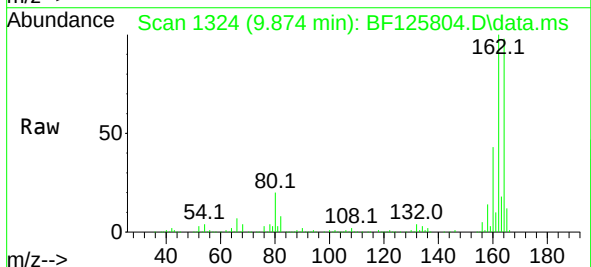
Instrument :
BNA_F
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T10-COMP-(1-4)

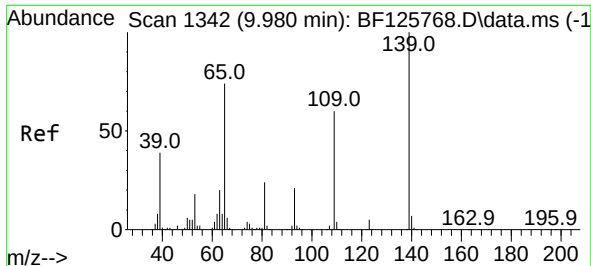
Tgt Ion:172 Resp: 1795138
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.573 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:165 Resp: 42780
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#

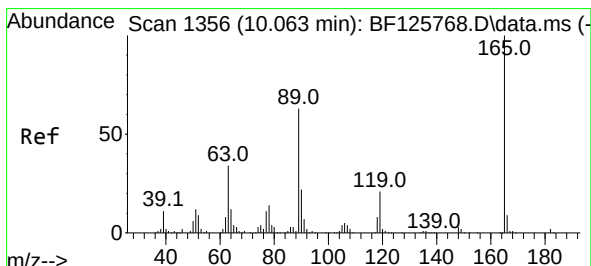
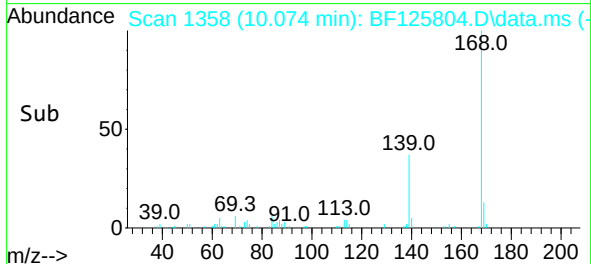
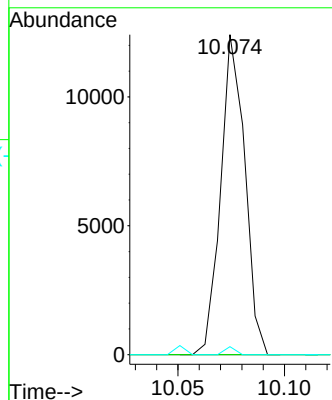
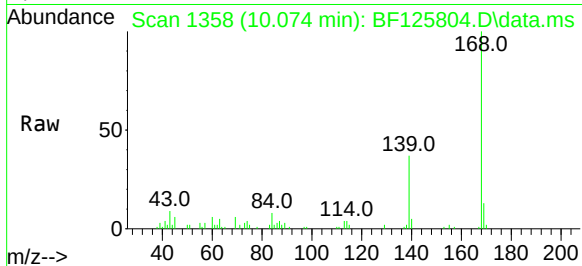




#56
4-Nitrophenol
Concen: 2.480 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.094 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

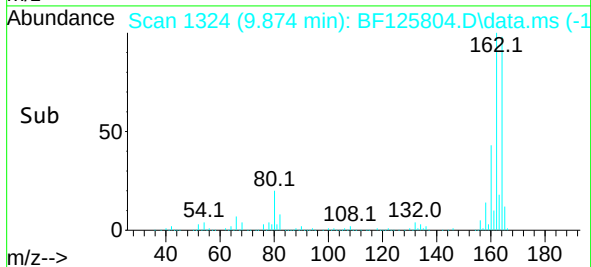
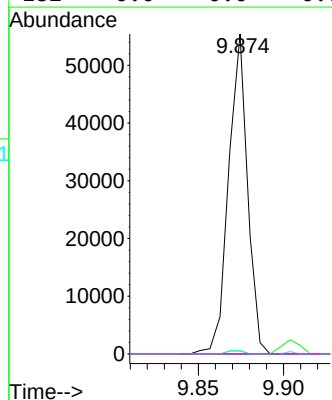
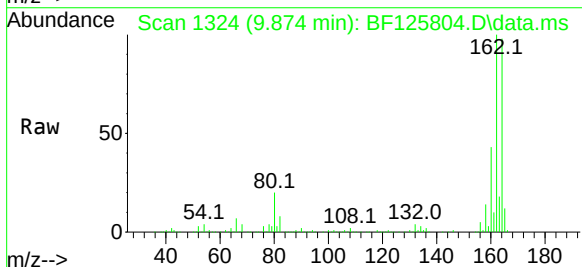
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

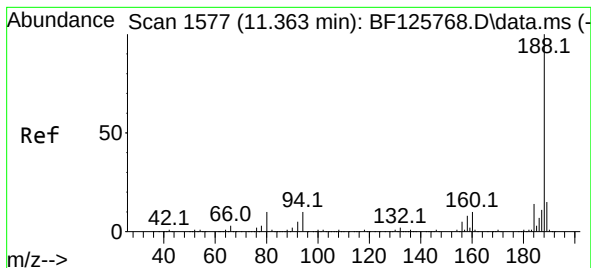
Tgt Ion:139 Resp: 9767
Ion Ratio Lower Upper
139 100
109 0.0 60.4 100.4#
65 2.5 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 7.571 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:165 Resp: 42780
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

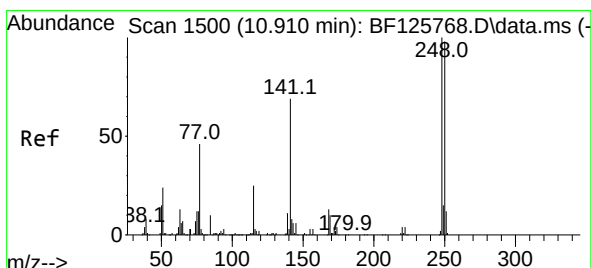
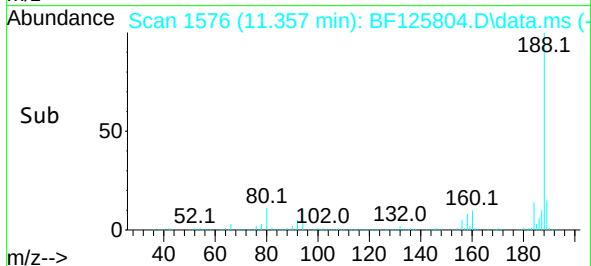
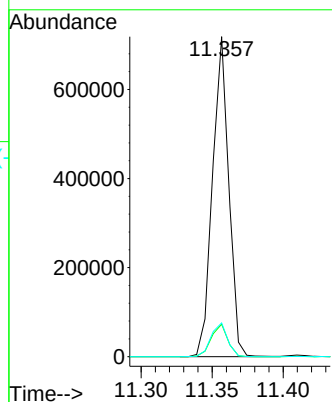
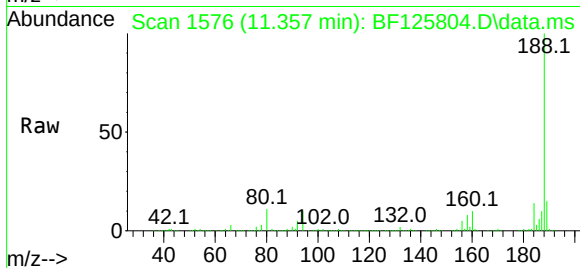




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

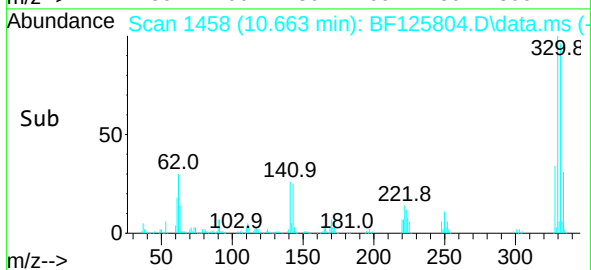
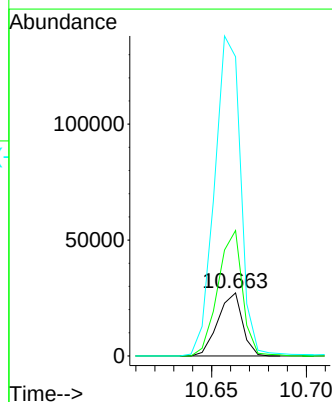
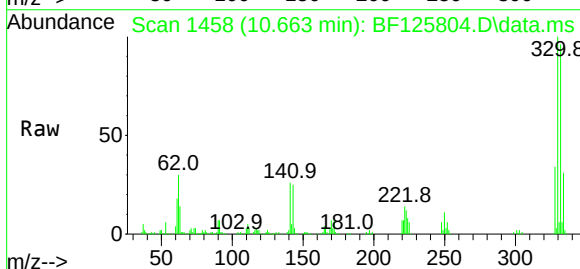
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

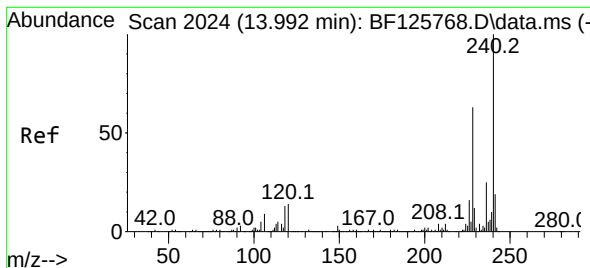
Tgt Ion:188 Resp: 573752
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.838 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

Tgt Ion:248 Resp: 24389
Ion Ratio Lower Upper
248 100
250 198.8 74.2 111.4#
141 474.2 60.4 90.6#

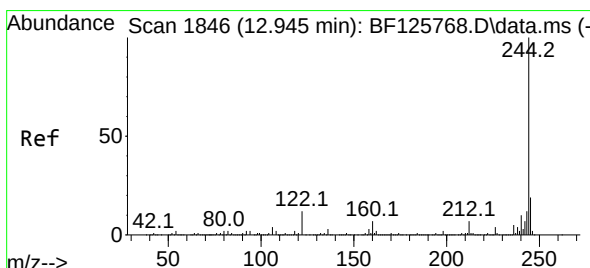
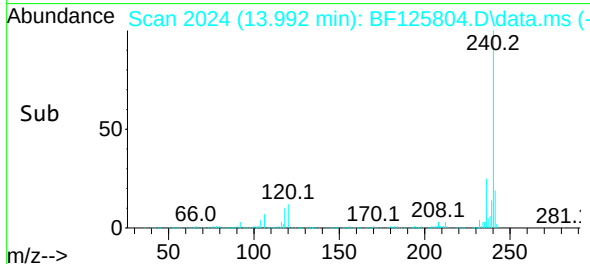
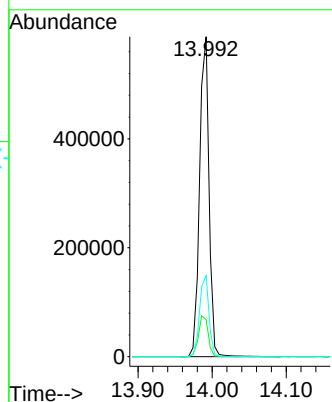
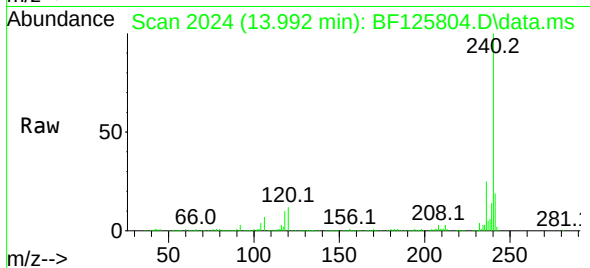




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

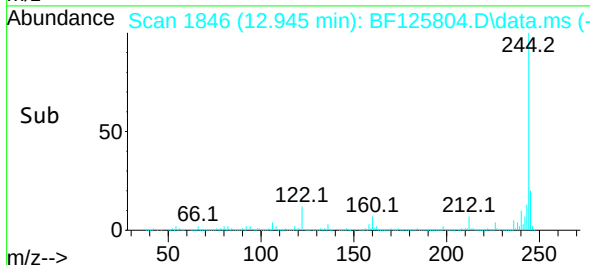
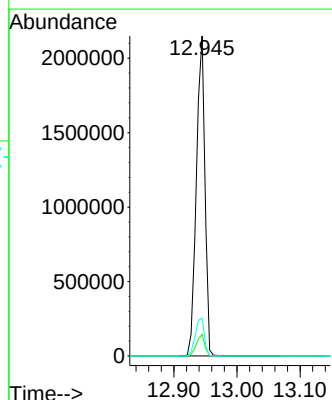
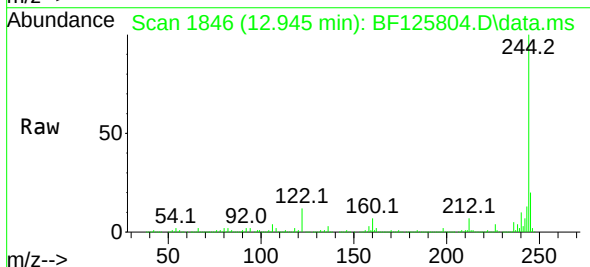
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

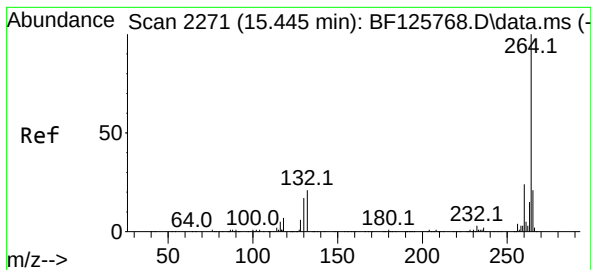
Tgt Ion:240 Resp: 517460
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 59.564 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125804.D
Acq: 12 Oct 2021 16:23

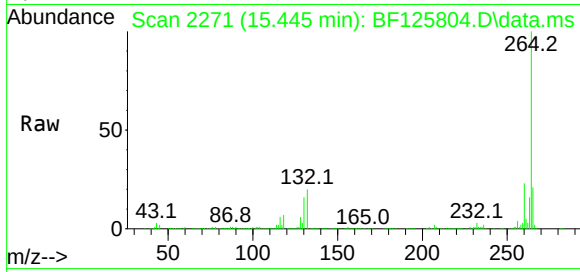
Tgt Ion:244 Resp: 2023443
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125804.D
 Acq: 12 Oct 2021 16:23

Instrument :
 BNA_F
 ClientSampleId :
 T10-COMP-(1-4)



Tgt Ion:264 Resp: 424713
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 20.7 17.2 25.8

