

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125807.D
 Acq On : 12 Oct 2021 17:59
 Operator : JU/CG
 Sample : M4159-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 13 09:44:23 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)

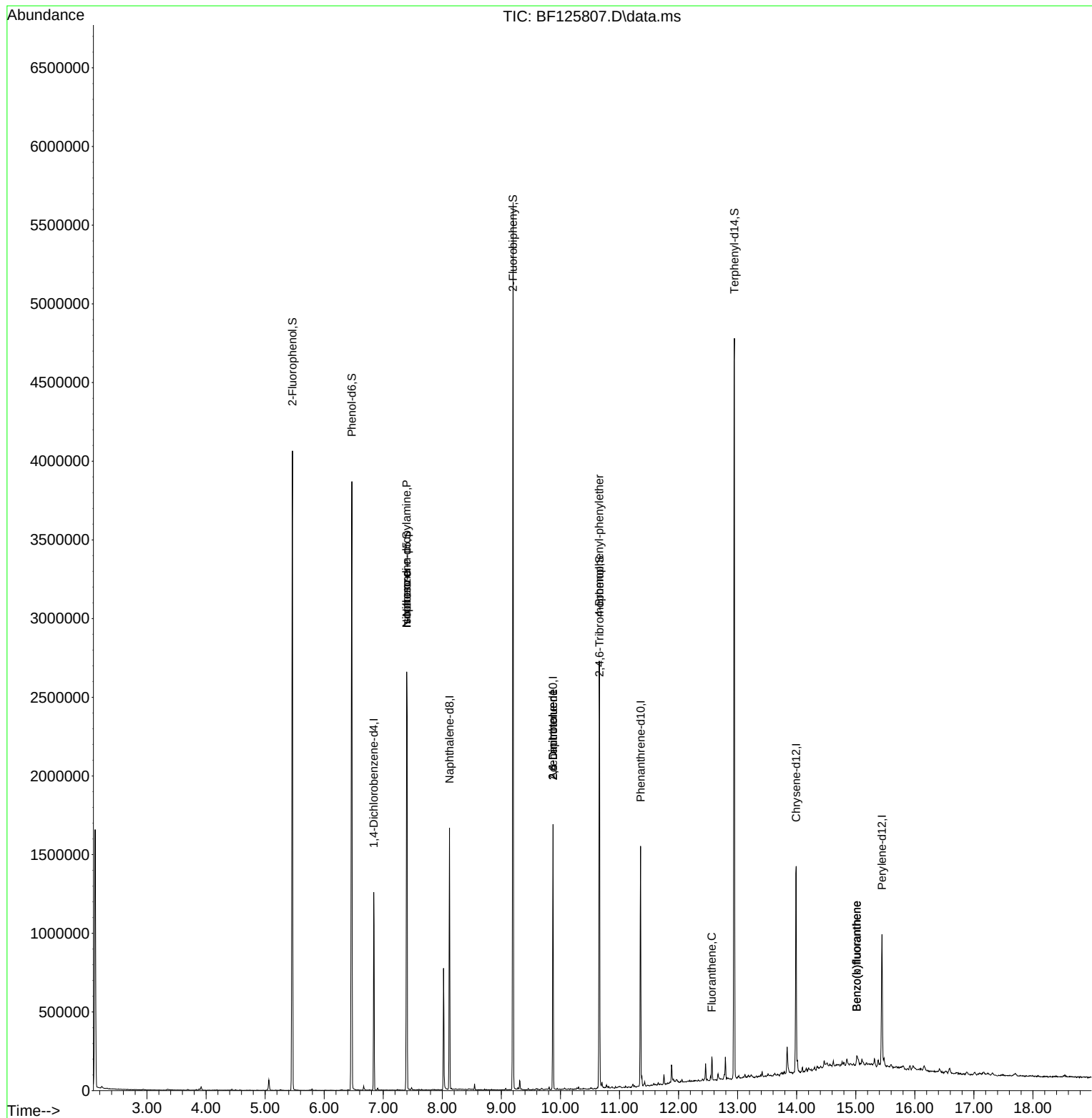
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	186260	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	691402	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	322385	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	520687	20.000	ng	0.00
76) Chrysene-d12	13.992	240	447138	20.000	ng	0.00
86) Perylene-d12	15.445	264	361790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1276576	111.964	ng	0.00
7) Phenol-d6	6.469	99	1520557	103.596	ng	0.00
23) Nitrobenzene-d5	7.398	82	924196	83.089	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	353457	111.047	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1671662	89.437	ng	0.00
79) Terphenyl-d14	12.945	244	1716111	58.462	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	114855	14.823	ng	# 51
25) Isophorone	7.398	82	921192	46.748	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	41168	9.597	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	41168	7.590	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	19807	3.435	ng	# 1
75) Fluoranthene	12.563	202	55968	2.226	ng	93
88) Benzo(b)fluoranthene	15.015	252	46145	2.259	ng	# 91
89) Benzo(k)fluoranthene	15.015	252	46145	2.200	ng	# 90

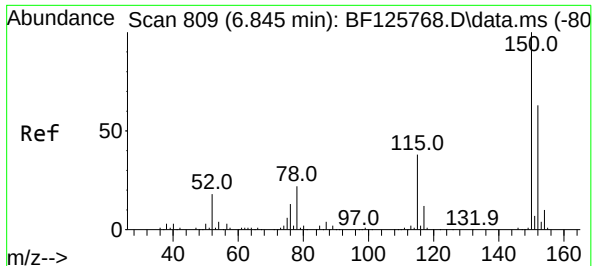
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
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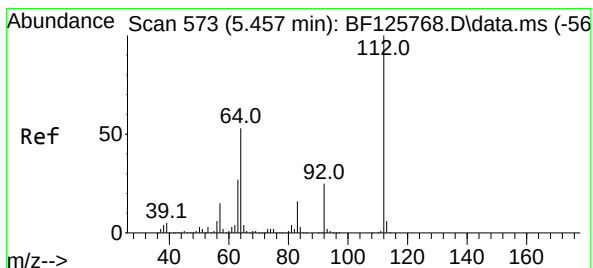
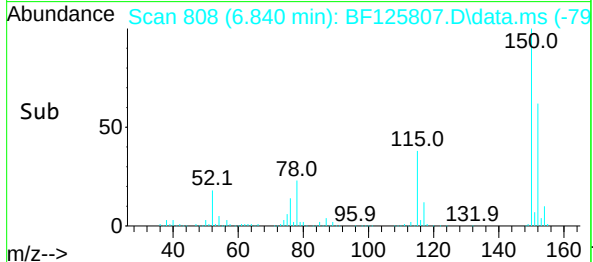
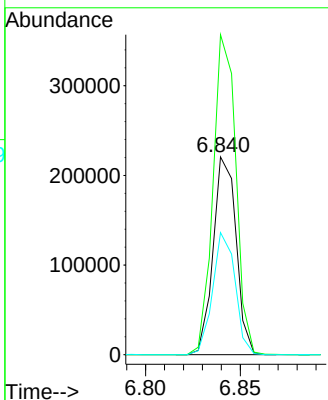
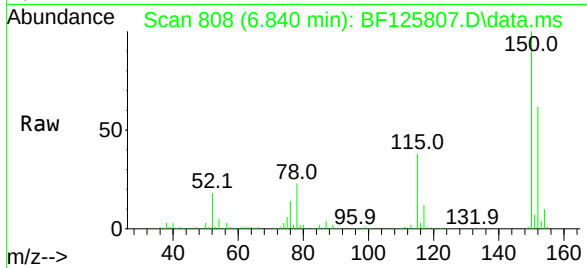




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

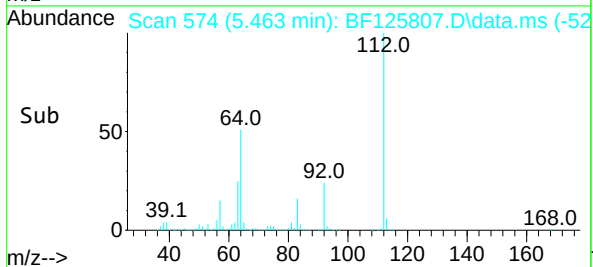
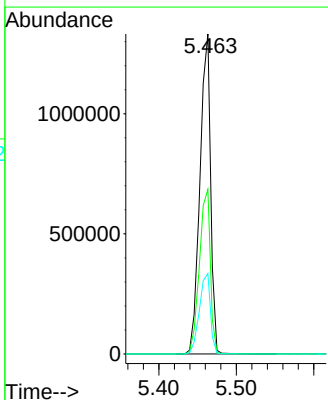
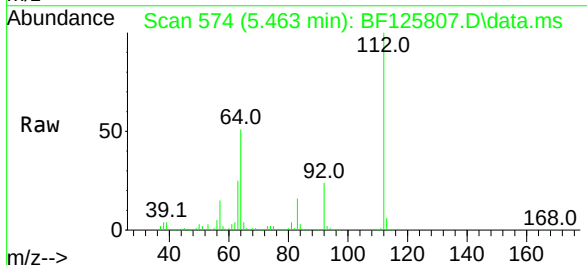
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

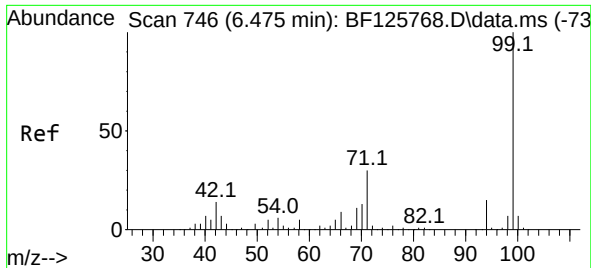
Tgt Ion:152 Resp: 186260
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 111.964 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:112 Resp: 1276576
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.1 26.2 39.2#

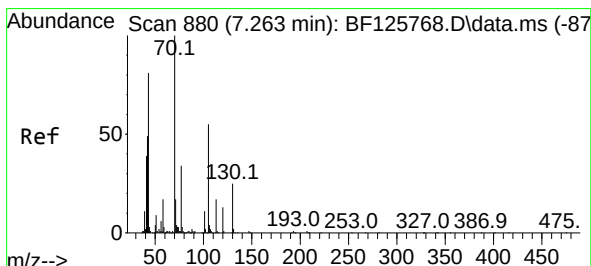
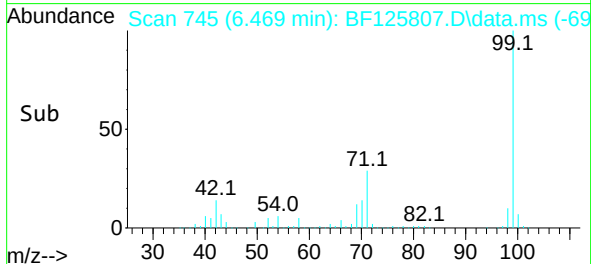
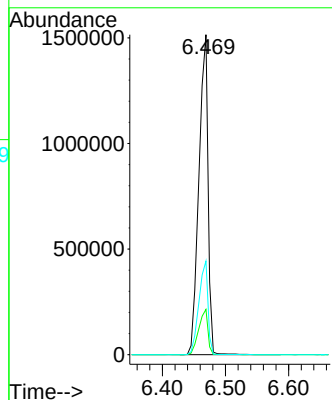
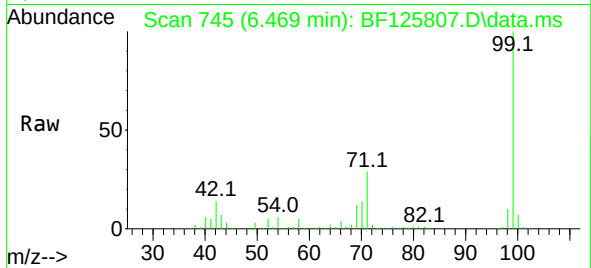




#7
Phenol-d6
Concen: 103.596 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

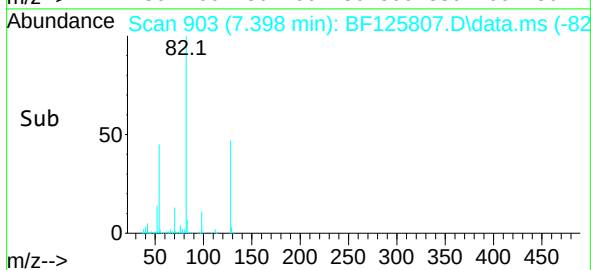
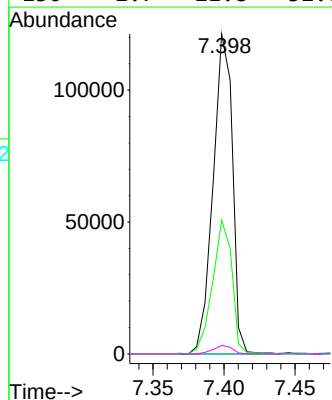
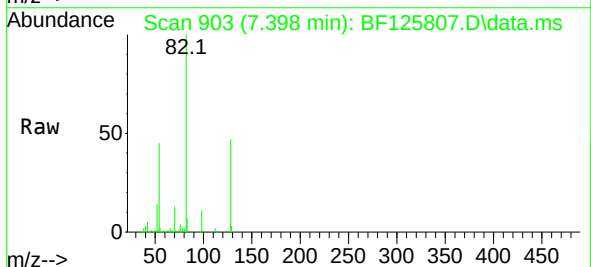
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

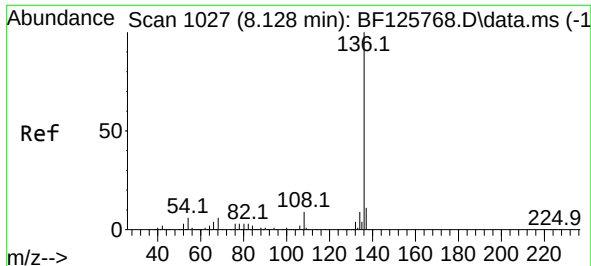
Tgt Ion: 99 Resp: 1520557
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.823 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion: 70 Resp: 114855
Ion Ratio Lower Upper
70 100
42 41.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

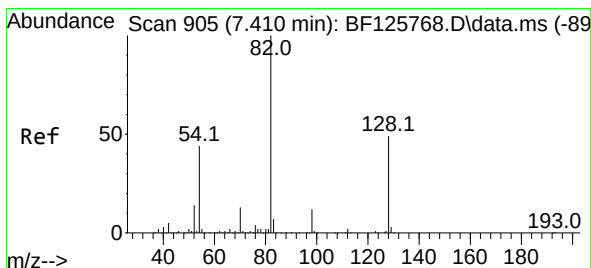
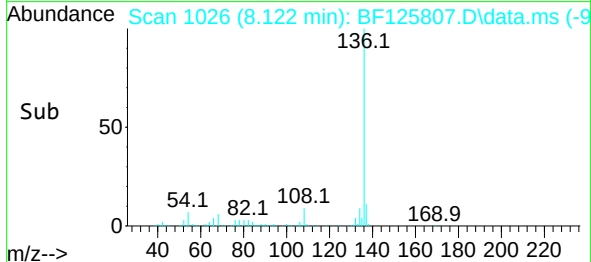
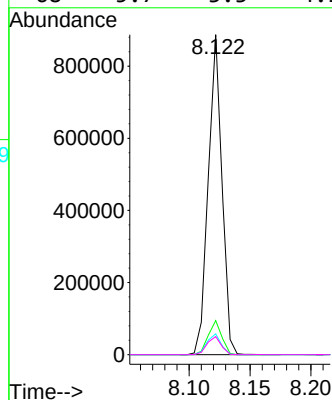
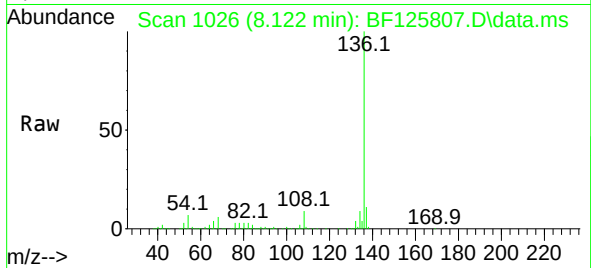




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

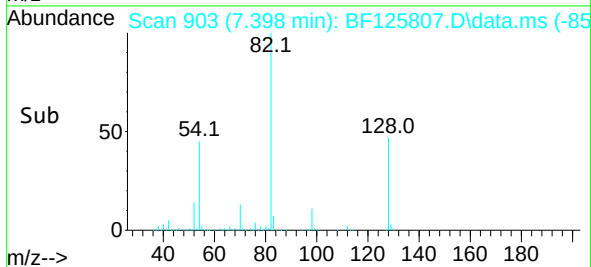
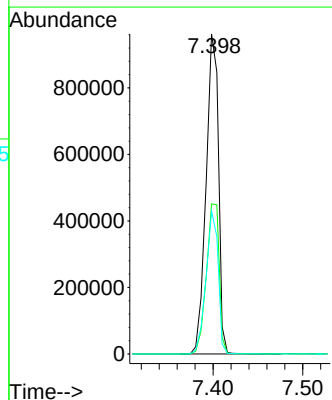
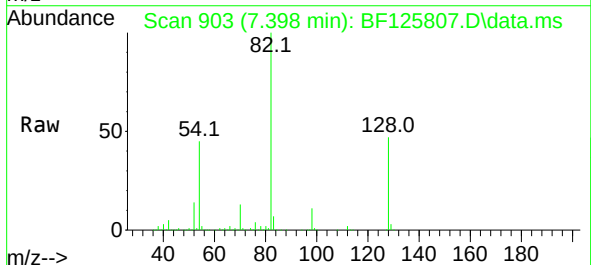
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

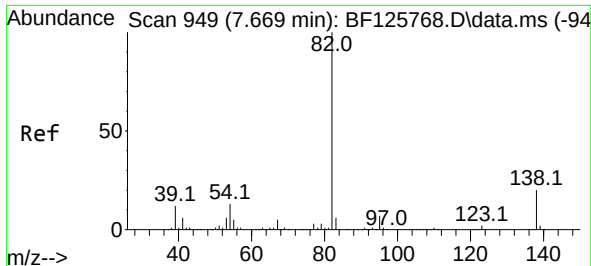
Tgt Ion:136	Resp: 691402
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 6.5	6.4 9.6
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.089 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion: 82	Resp: 924196
Ion Ratio	Lower Upper
82 100	
128 46.9	40.6 60.8
54 44.7	49.6 74.4#

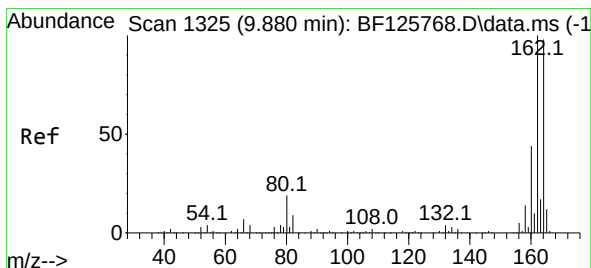
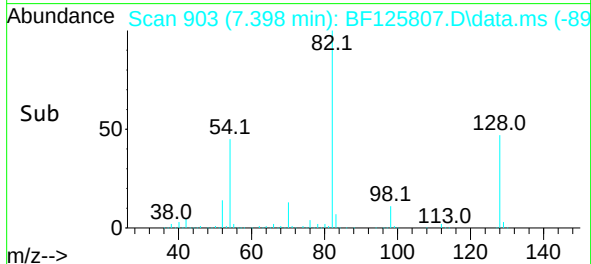
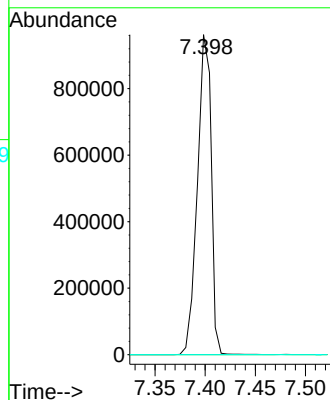
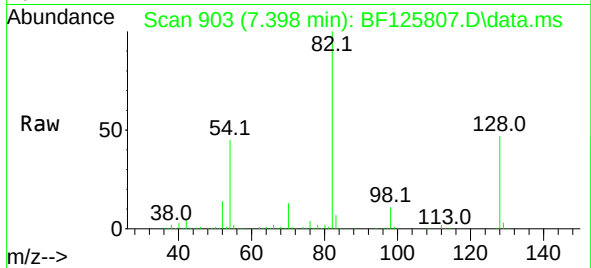




#25
Isophorone
Concen: 46.748 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.270 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

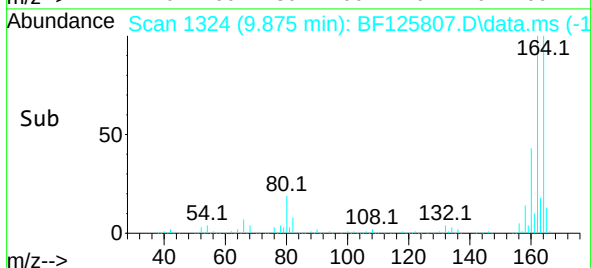
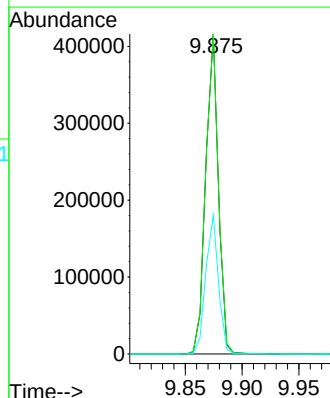
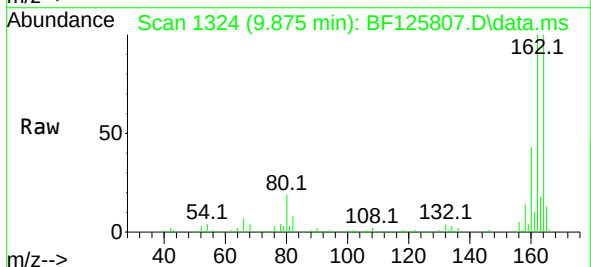
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

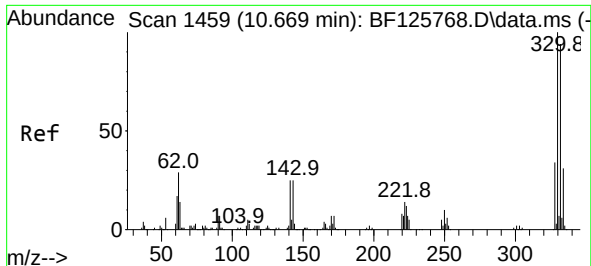
Tgt Ion: 82 Resp: 921192
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion: 164 Resp: 322385
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 43.4 38.0 57.0

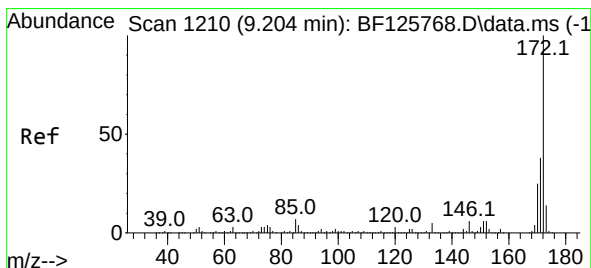
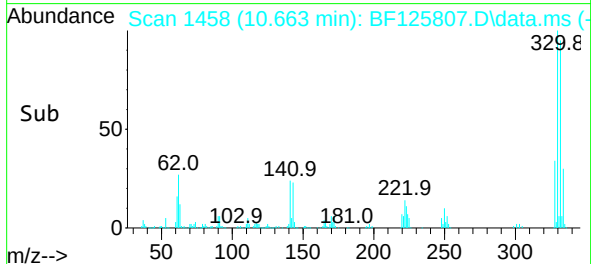
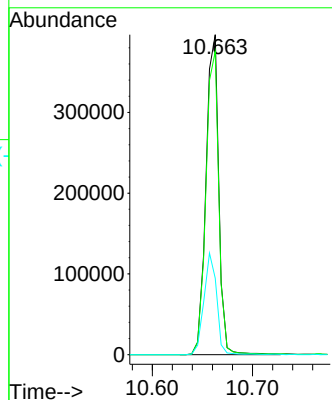
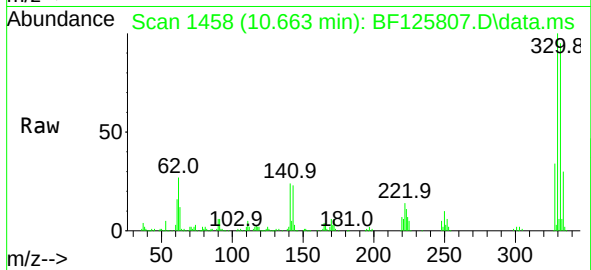




#42
2,4,6-Tribromophenol
Concen: 111.047 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

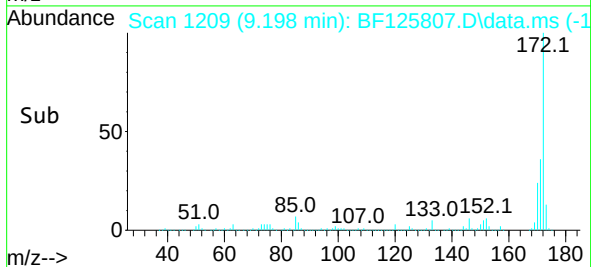
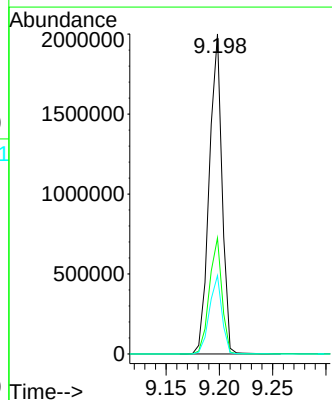
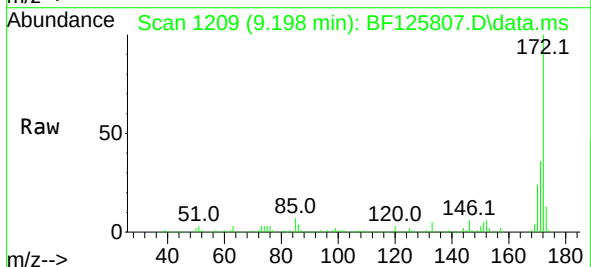
Instrument :
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T10-COMP-(1-4)

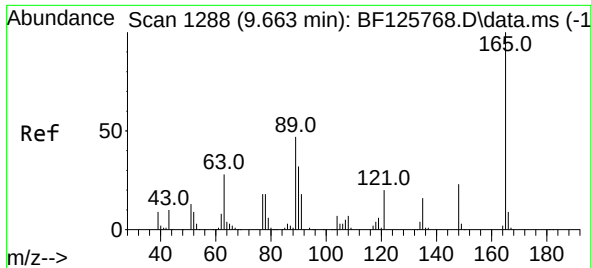
Tgt Ion: 330 Resp: 353457
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 89.437 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion: 172 Resp: 1671662
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.5 18.8 28.2

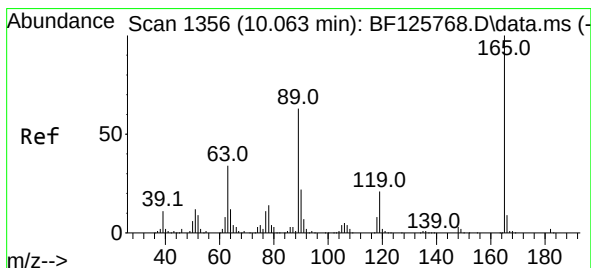
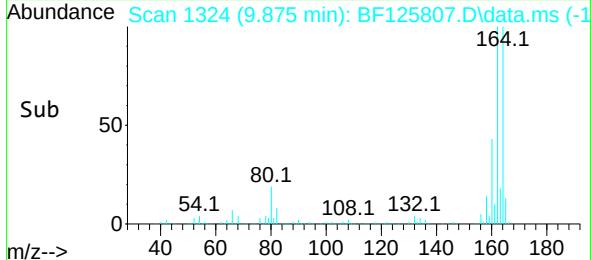
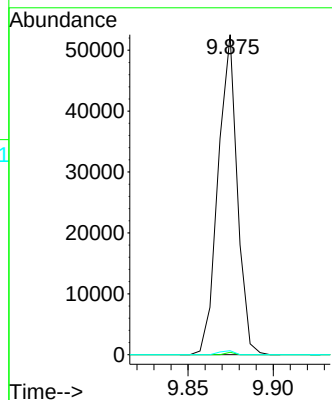
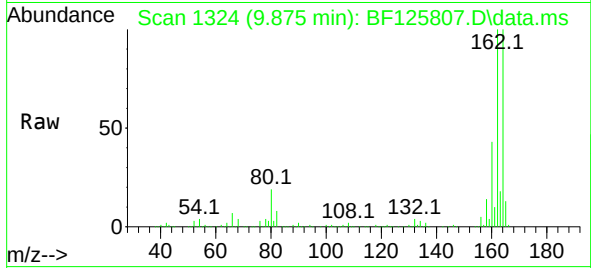




#51
2,6-Dinitrotoluene
Concen: 9.597 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

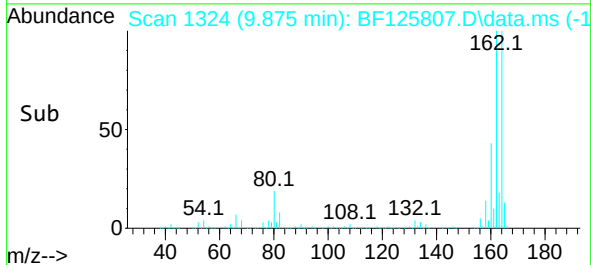
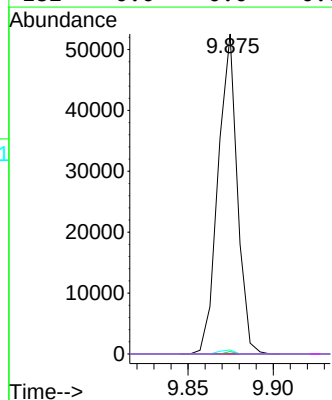
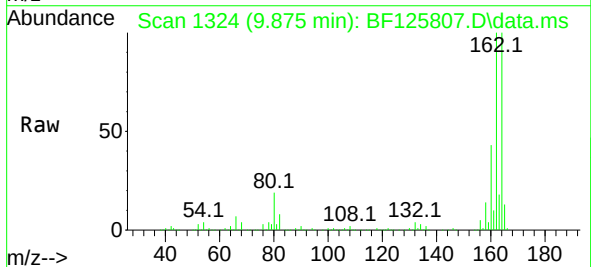
Instrument :
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T10-COMP-(1-4)

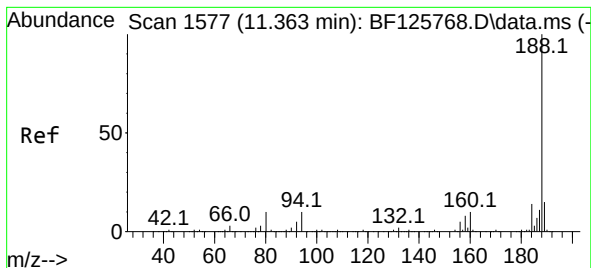
Tgt Ion:165 Resp: 41168
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.590 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:165 Resp: 41168
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

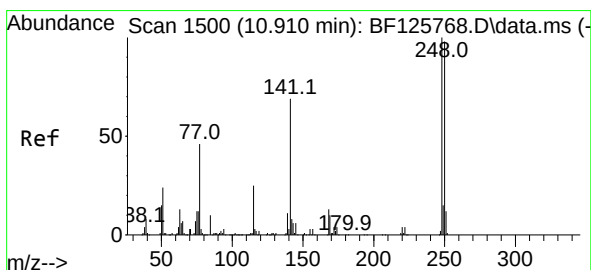
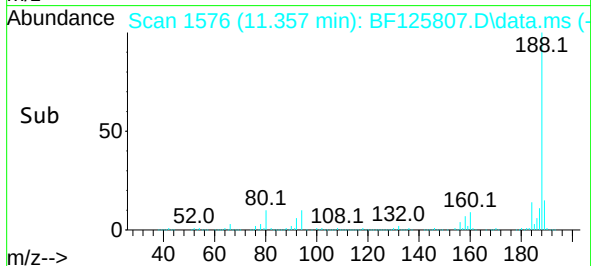
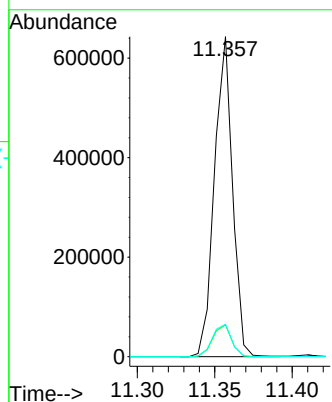
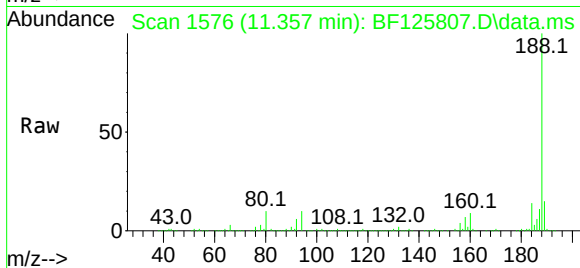




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

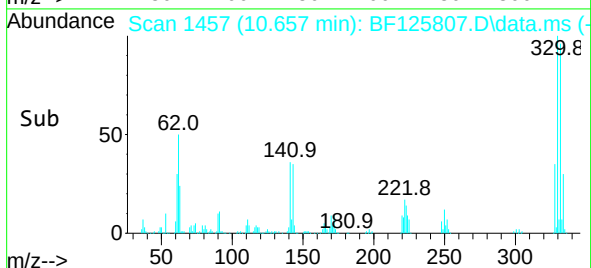
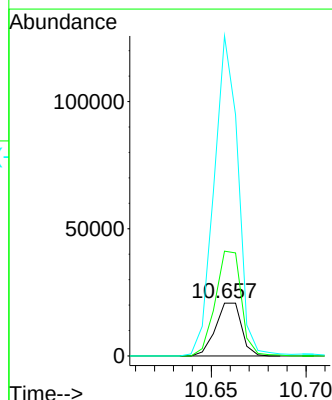
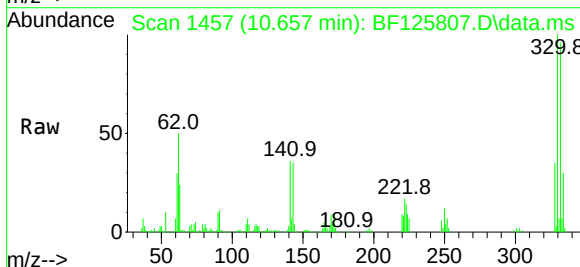
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

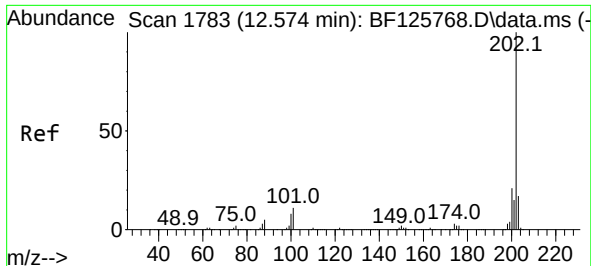
Tgt Ion:188 Resp: 520687
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.435 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:248 Resp: 19807
Ion Ratio Lower Upper
248 100
250 198.1 74.2 111.4#
141 605.2 60.4 90.6#

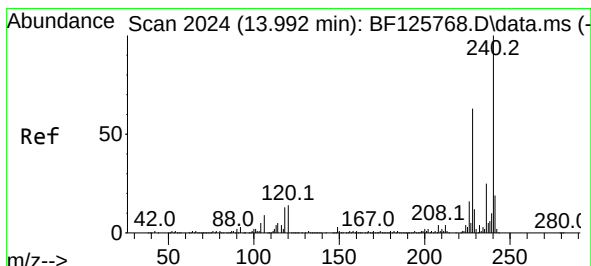
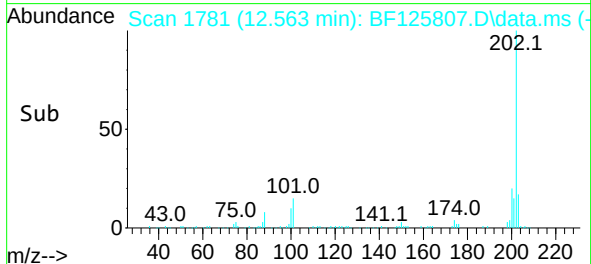
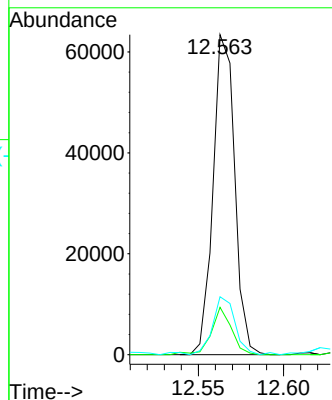
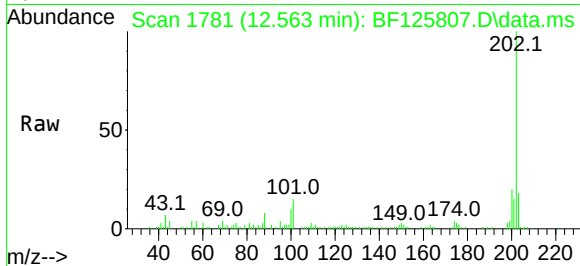




#75
Fluoranthene
Concen: 2.226 ng
RT: 12.563 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

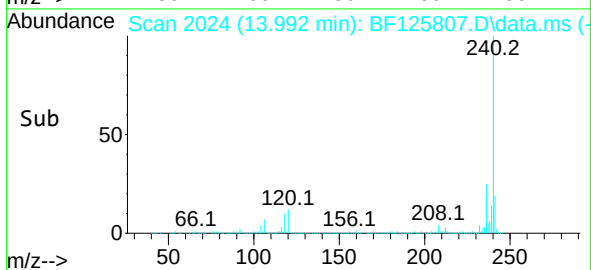
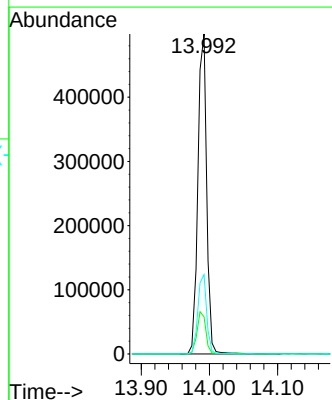
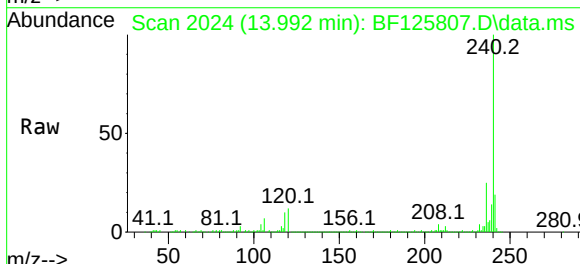
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

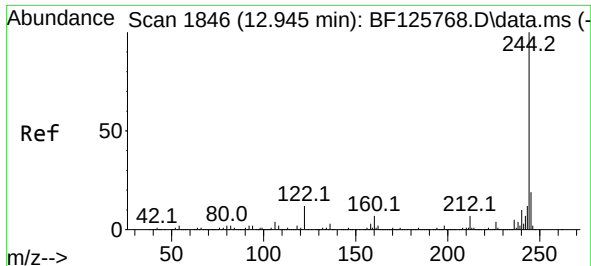
Tgt Ion:202	Resp:	55968
Ion Ratio	Lower	Upper
202	100	
101	14.8	0.0 30.7
203	18.1	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:240	Resp:	447138
Ion Ratio	Lower	Upper
240	100	
120	11.6	10.8 16.2
236	24.8	21.6 32.4

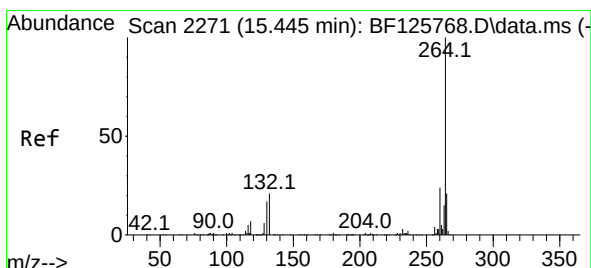
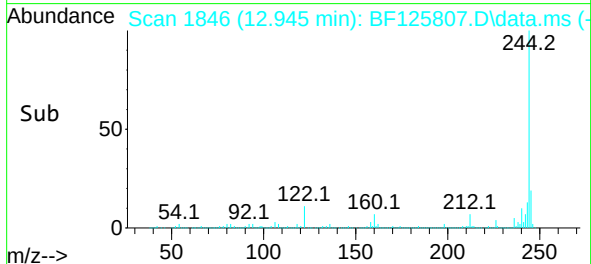
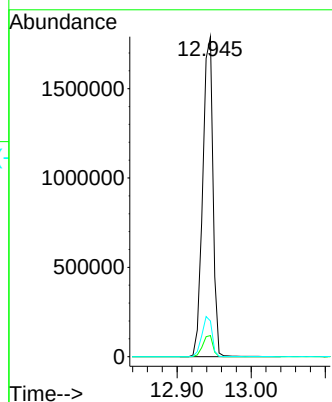
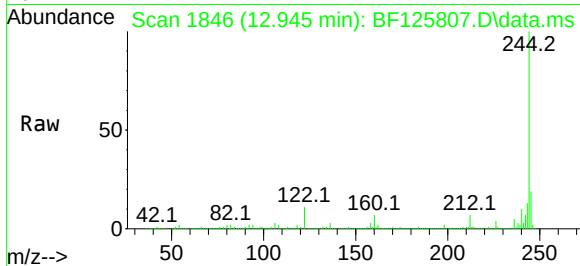




#79
Terphenyl-d14
Concen: 58.462 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

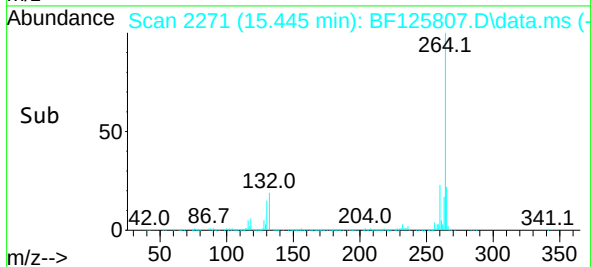
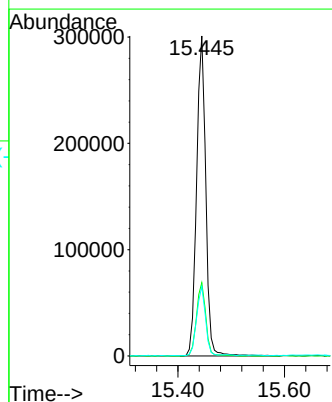
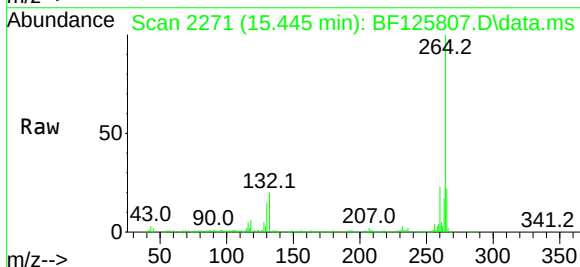
Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)

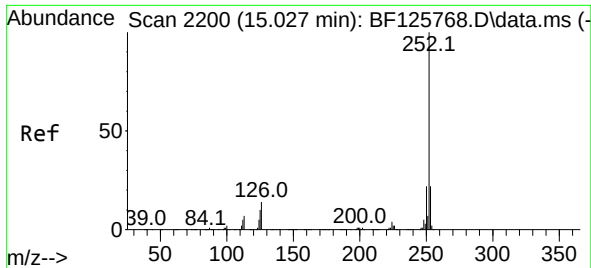
Tgt Ion:244 Resp: 1716111
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:264 Resp: 361790
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 21.7 17.2 25.8

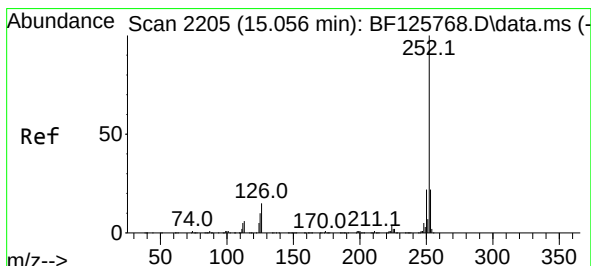
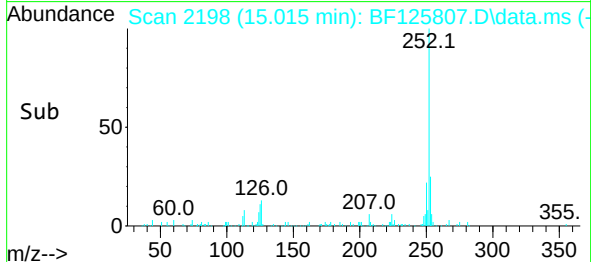
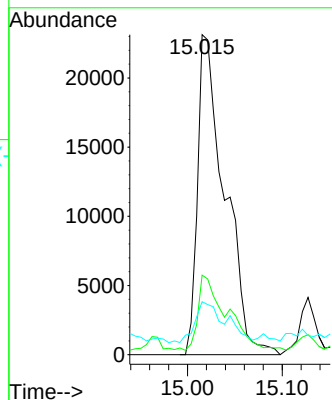
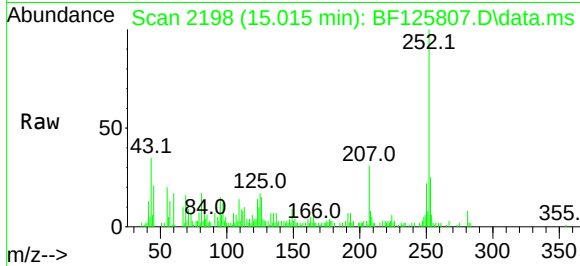




#88
Benzo(b)fluoranthene
Concen: 2.259 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

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

Tgt Ion:252 Resp: 46145
Ion Ratio Lower Upper
252 100
253 24.9 16.8 25.2
125 16.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.200 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF125807.D
Acq: 12 Oct 2021 17:59

Tgt Ion:252 Resp: 46145
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 16.6 7.2 10.8#

