

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125849.D
 Acq On : 14 Oct 2021 17:35
 Operator : JU/CG
 Sample : M4191-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Oct 15 10:41:20 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 14 12:29:41 2021
 Response via : Initial Calibration

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

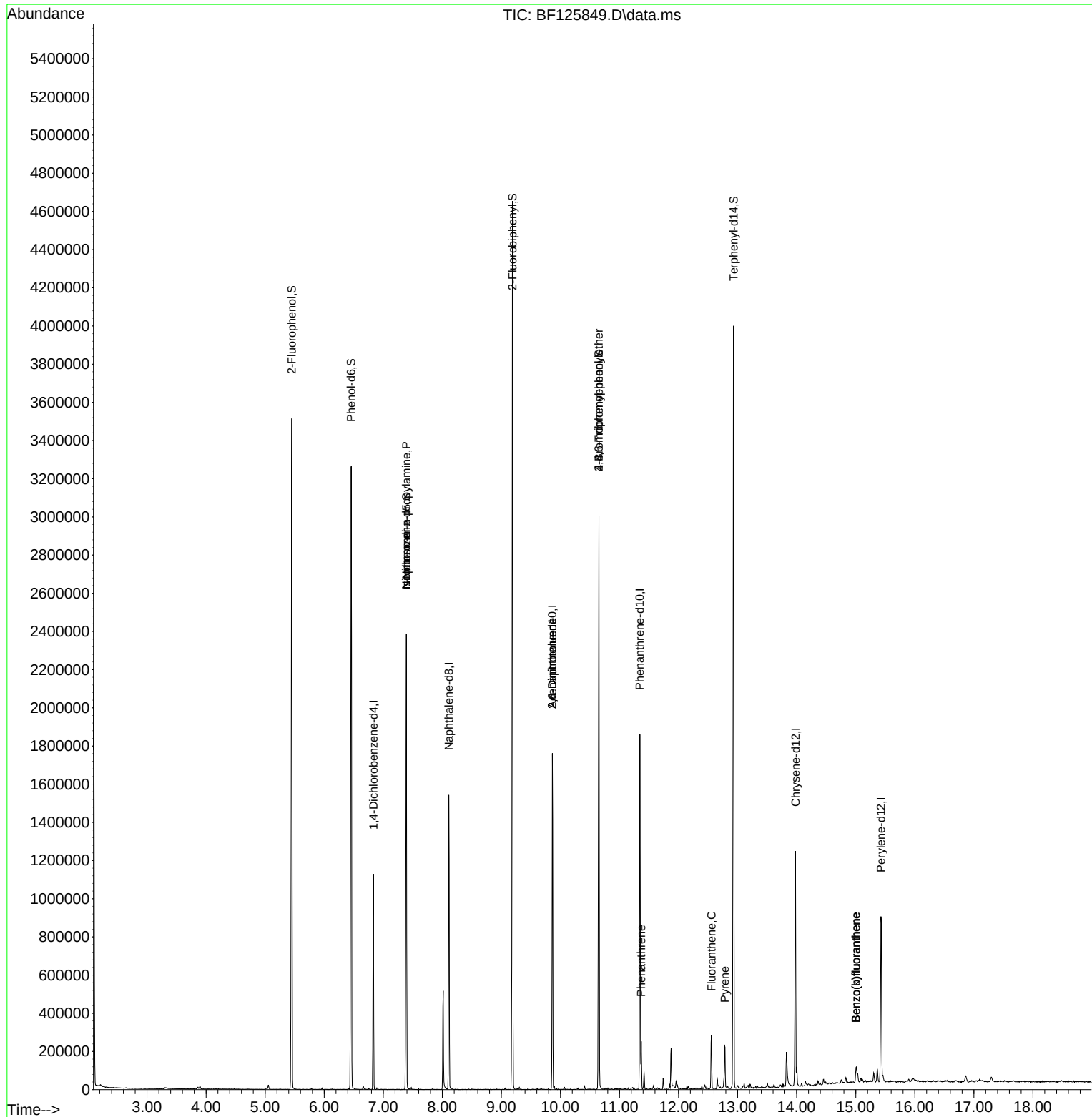
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	167595	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	689718	20.000	ng	#-0.02
39) Acenaphthene-d10	9.863	164	362474	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	634542	20.000	ng	#-0.02
76) Chrysene-d12	13.980	240	383963	20.000	ng	-0.02
86) Perylene-d12	15.427	264	383133	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1084295	105.691	ng	-0.01
7) Phenol-d6	6.457	99	1344078	101.771	ng	-0.02
23) Nitrobenzene-d5	7.392	82	772309	69.604	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	371218	103.729	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1485291	70.677	ng	-0.02
79) Terphenyl-d14	12.933	244	1475076	58.519	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	96365	13.822	ng	# 49
25) Isophorone	7.392	82	772294	39.287	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	46438	9.628	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	46438	7.615	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	20859	2.968	ng	# 1
71) Phenanthrene	11.369	178	83206	2.451	ng	98
75) Fluoranthene	12.557	202	110055	3.593	ng	98
78) Pyrene	12.786	202	94946	2.434	ng	97
88) Benzo(b)fluoranthene	15.004	252	57913	2.677	ng	97
89) Benzo(k)fluoranthene	15.004	252	57913	2.608	ng	# 96

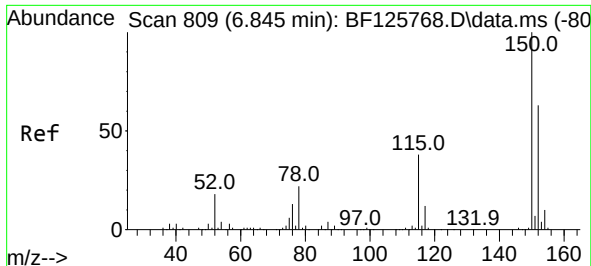
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

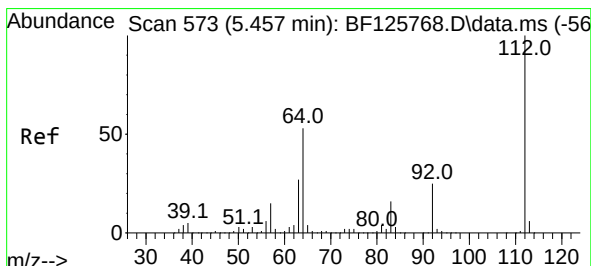
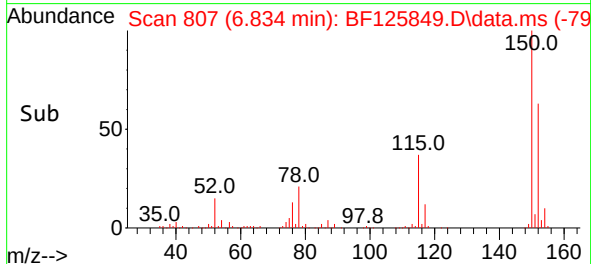
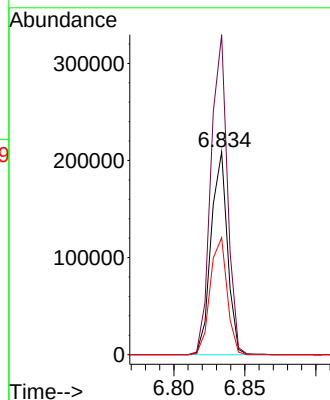
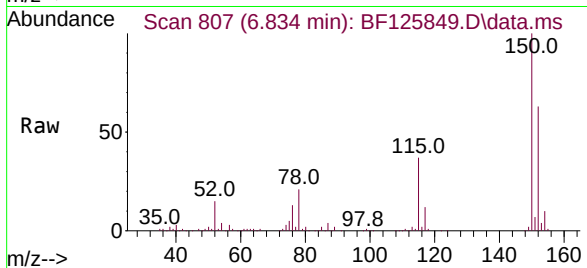




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

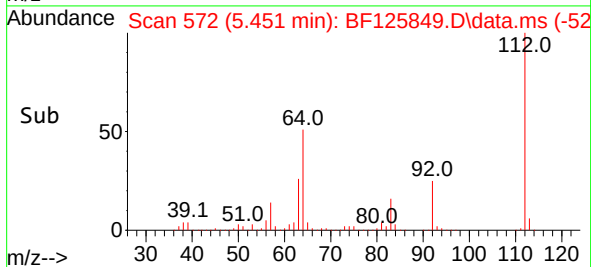
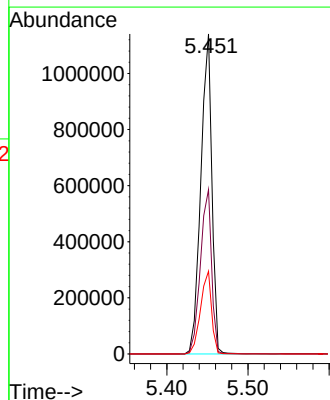
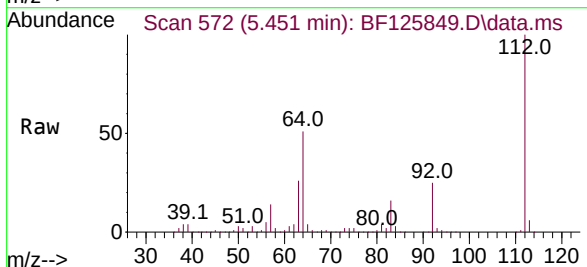
Instrument :
BNA_F
ClientSampleId :
COMP-4

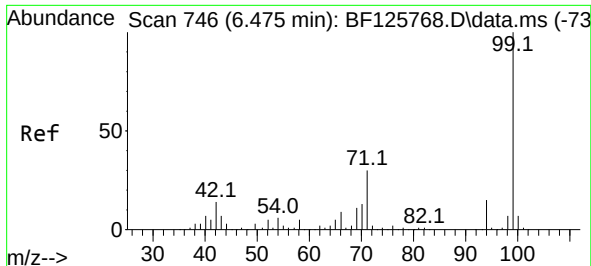
Tgt Ion:152 Resp: 167595
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 105.691 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:112 Resp: 1084295
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.9 26.2 39.2#

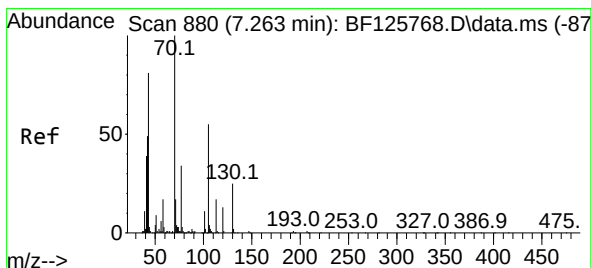
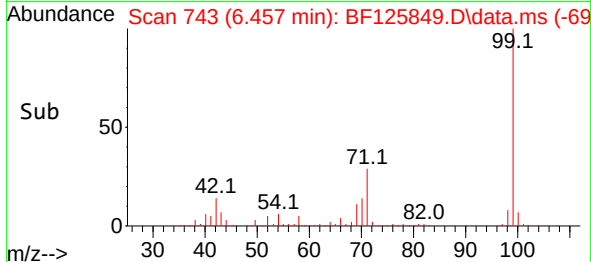
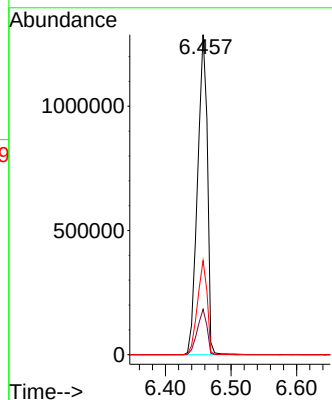
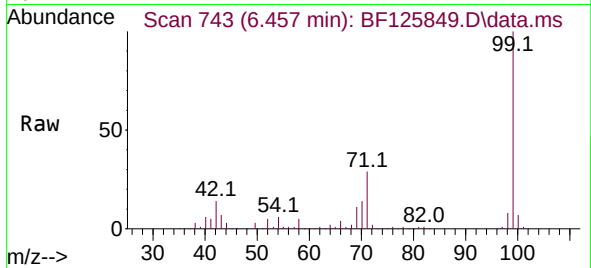




#7
Phenol-d6
Concen: 101.771 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

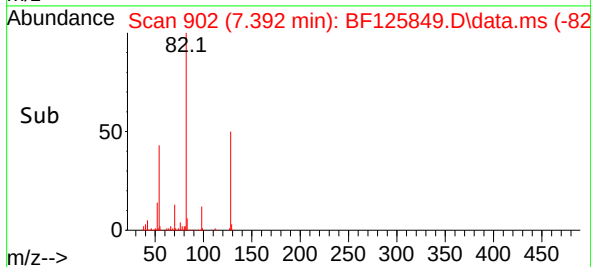
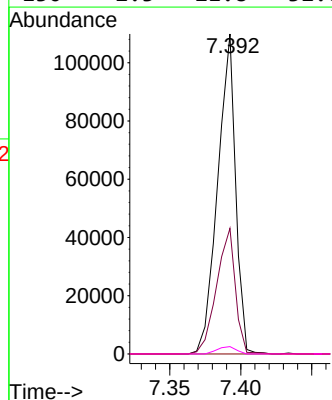
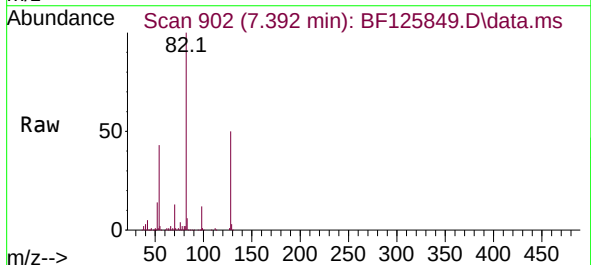
Instrument :
BNA_F
ClientSampleId :
COMP-4

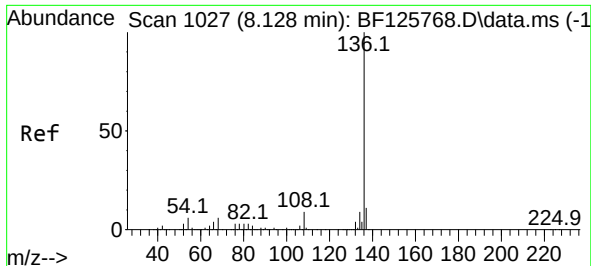
Tgt Ion: 99 Resp: 1344078
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.822 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion: 70 Resp: 96365
Ion Ratio Lower Upper
70 100
42 39.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

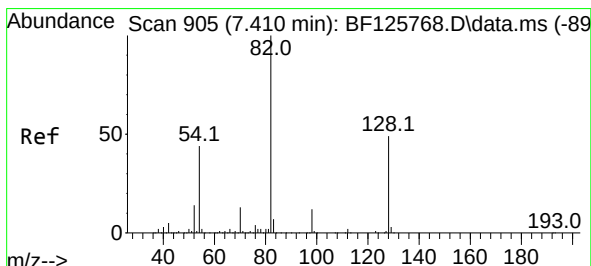
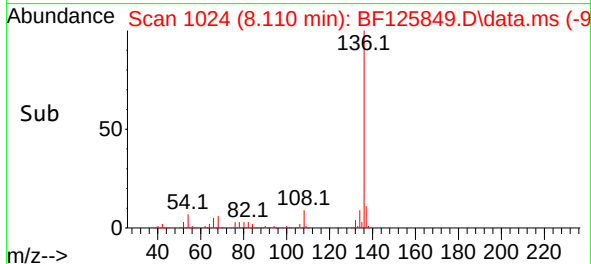
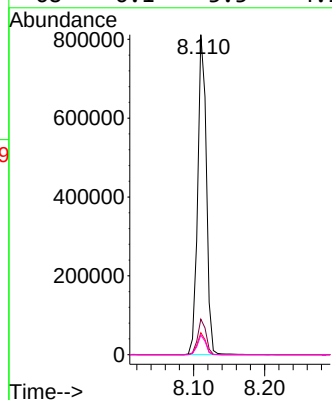
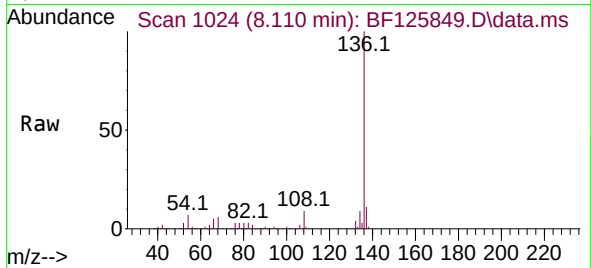




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

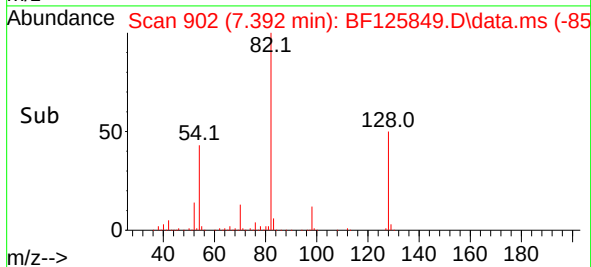
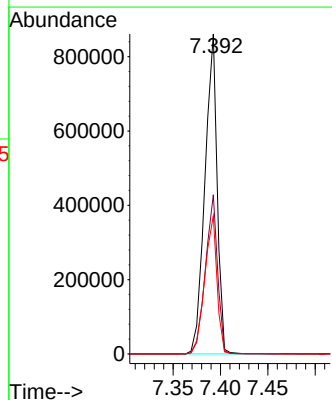
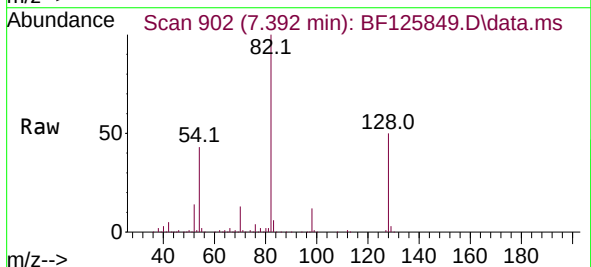
Instrument :
BNA_F
ClientSampleId :
COMP-4

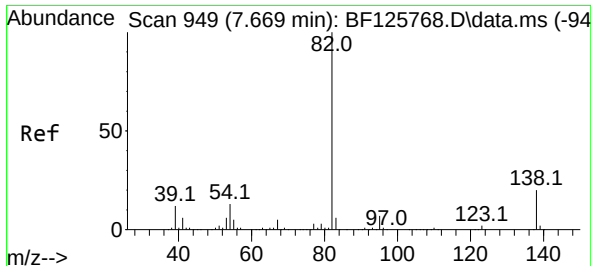
Tgt Ion:136	Resp: 689718
Ion Ratio	Lower Upper
136 100	
137 11.1	9.8 14.6
54 6.8	6.4 9.6
68 6.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 69.604 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion: 82	Resp: 772309
Ion Ratio	Lower Upper
82 100	
128 49.7	40.6 60.8
54 43.1	49.6 74.4#

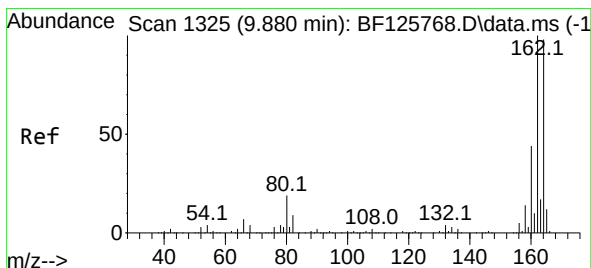
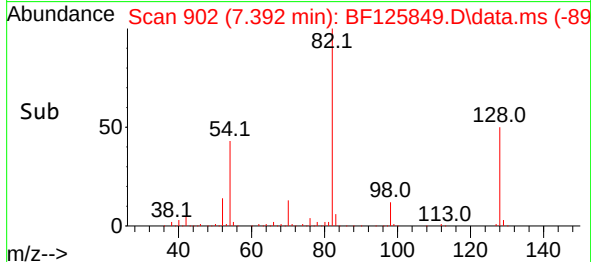
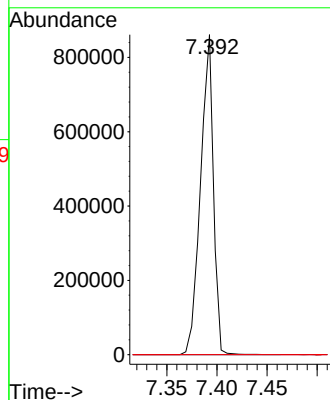
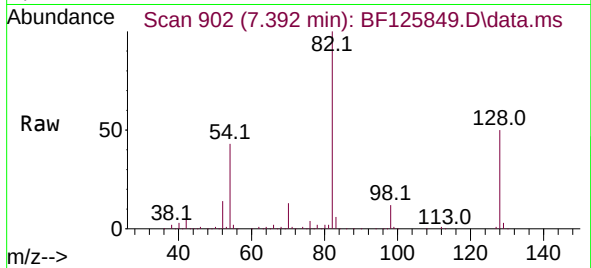




#25
Isophorone
Concen: 39.287 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.276 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

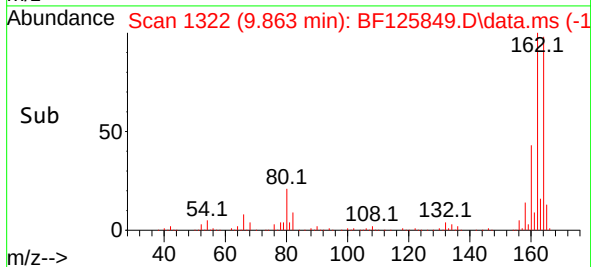
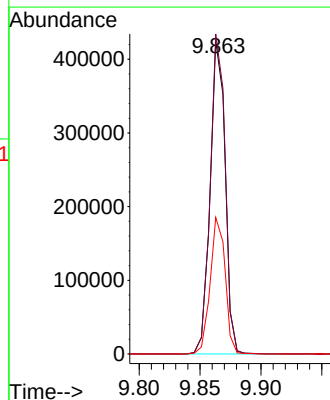
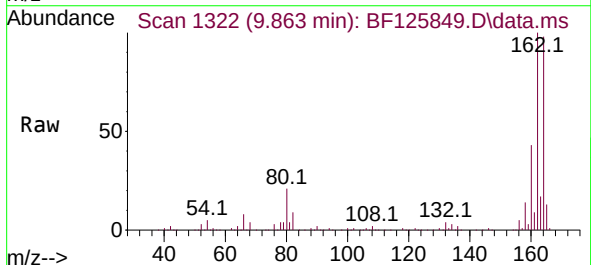
Instrument :
BNA_F
ClientSampleId :
COMP-4

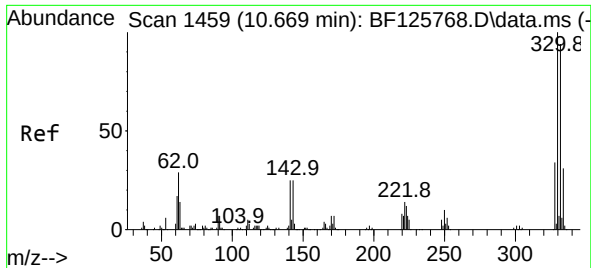
Tgt Ion: 82 Resp: 772294
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion: 164 Resp: 362474
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 43.6 38.0 57.0

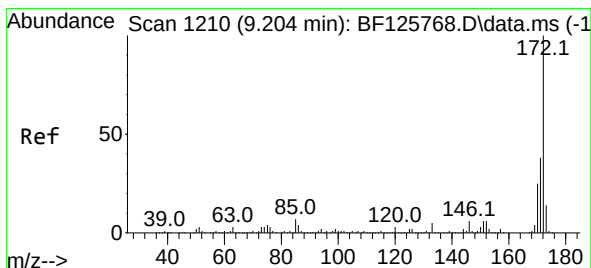
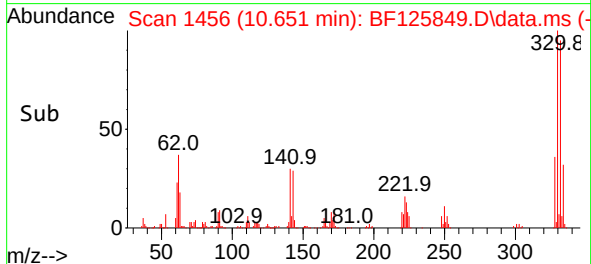
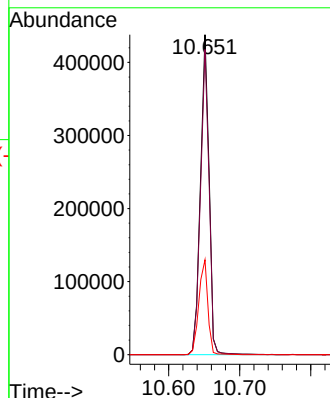
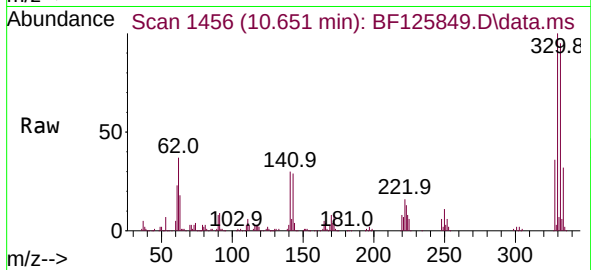




#42
2,4,6-Tribromophenol
Concen: 103.729 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

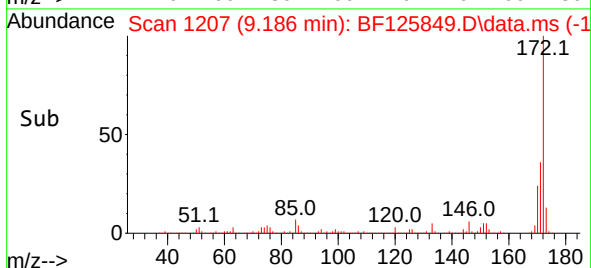
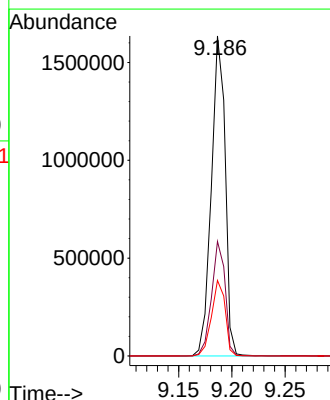
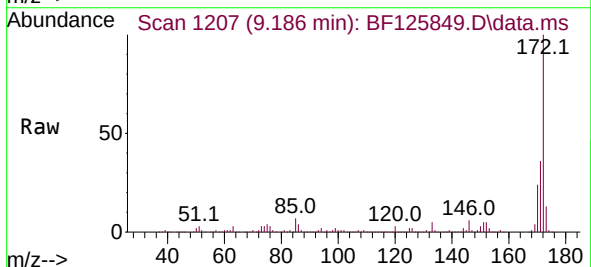
Instrument :
BNA_F
ClientSampleId :
COMP-4

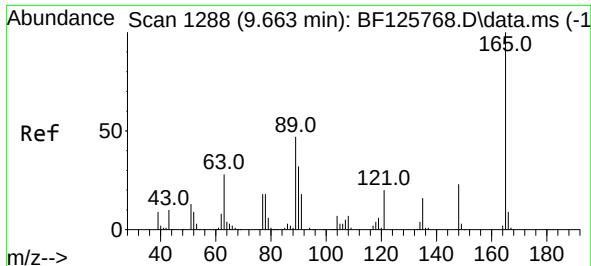
Tgt Ion:330 Resp: 371218
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.677 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:172 Resp: 1485291
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.6 18.8 28.2

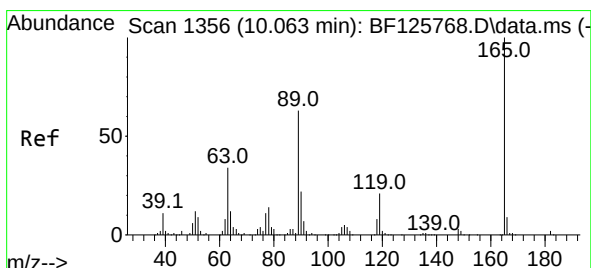
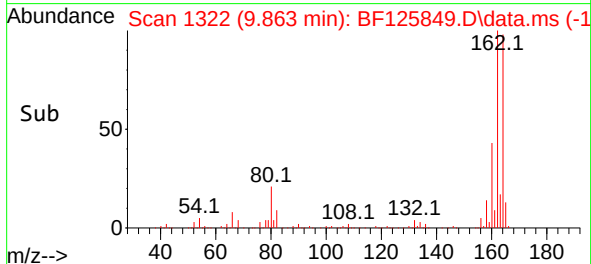
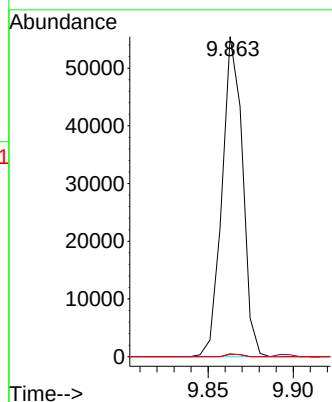
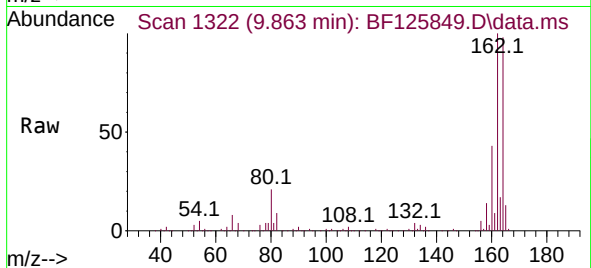




#51
2,6-Dinitrotoluene
Concen: 9.628 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

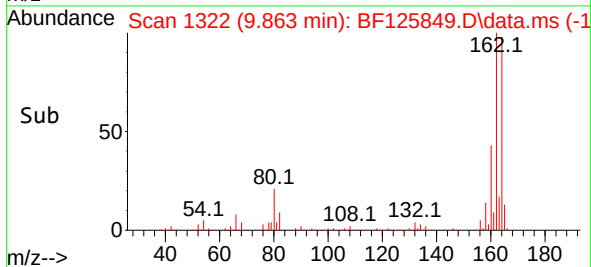
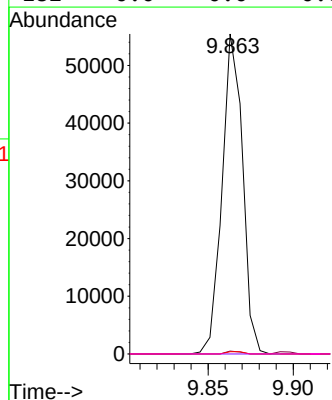
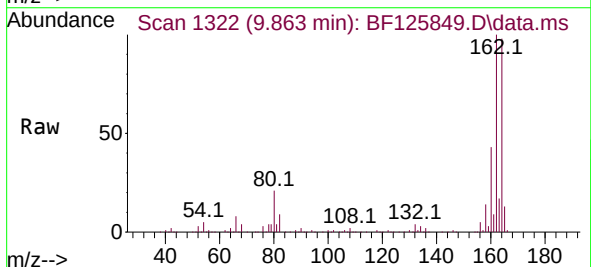
Instrument :
BNA_F
ClientSampleId :
COMP-4

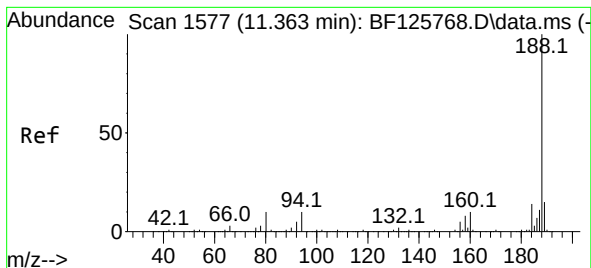
Tgt Ion:165 Resp: 46438
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.615 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:165 Resp: 46438
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

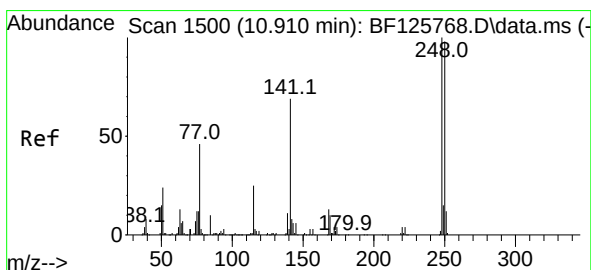
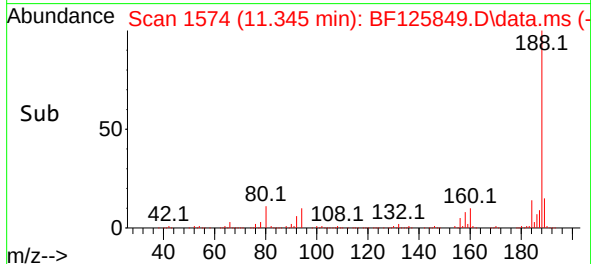
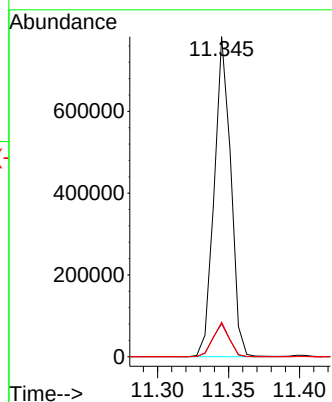
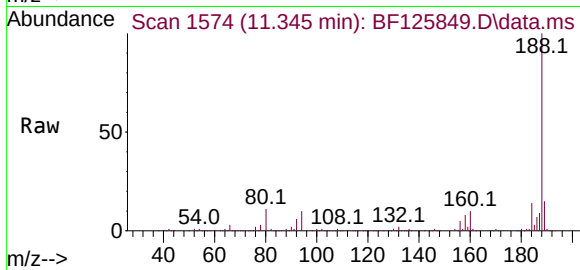




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

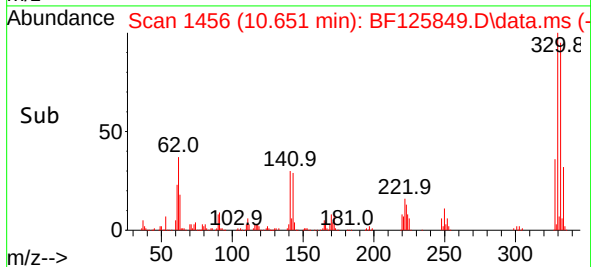
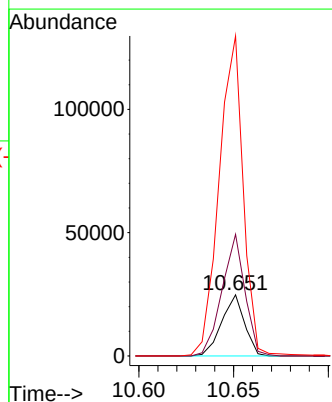
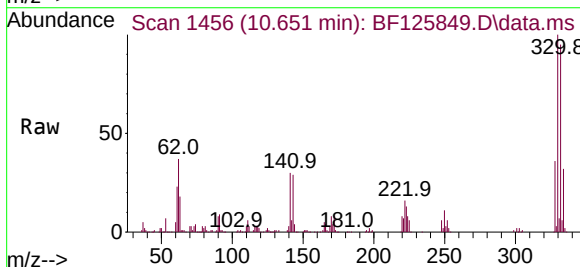
Instrument :
BNA_F
ClientSampled :
COMP-4

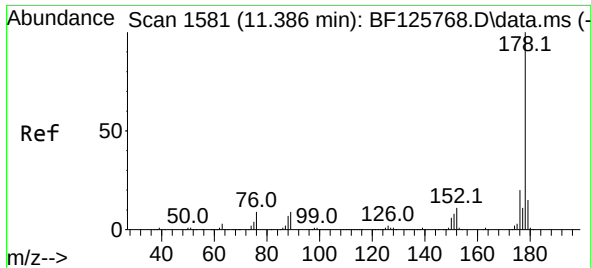
Tgt Ion:188 Resp: 634542
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.968 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.259 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:248 Resp: 20859
Ion Ratio Lower Upper
248 100
250 199.0 74.2 111.4#
141 523.8 60.4 90.6#

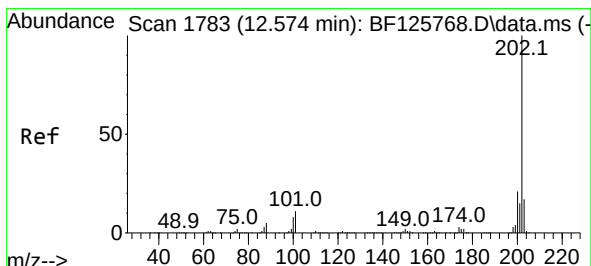
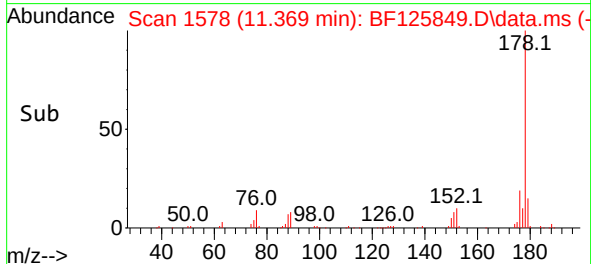
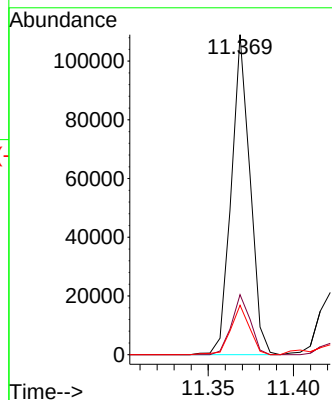
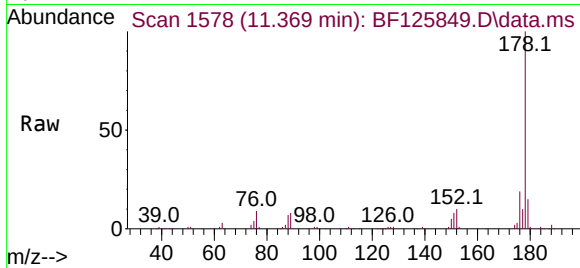




#71
Phenanthrene
Concen: 2.451 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

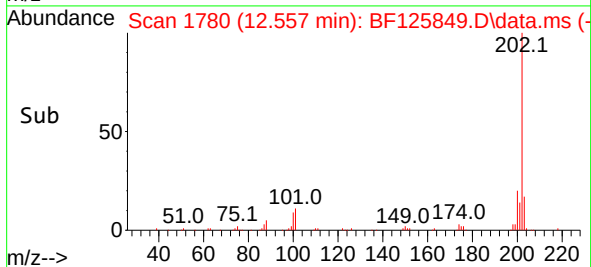
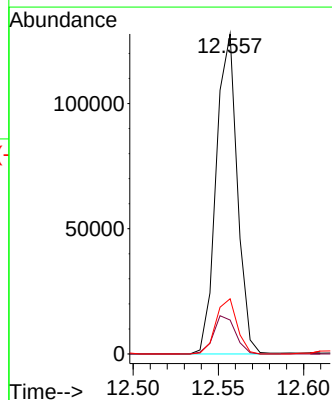
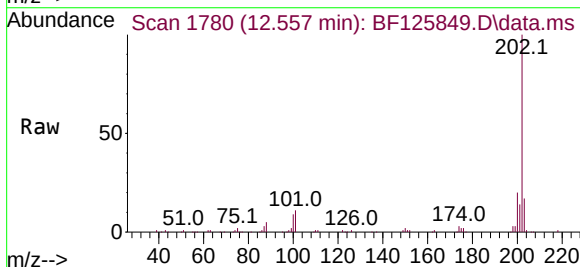
Instrument :
BNA_F
ClientSampleId :
COMP-4

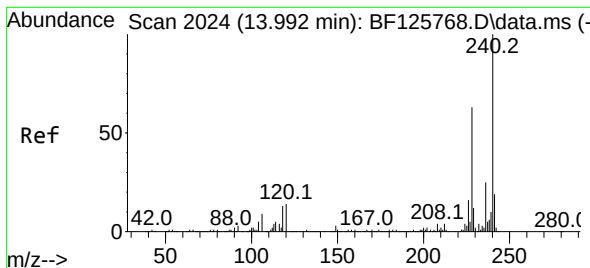
Tgt Ion:178 Resp: 83206
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 11.5 17.3



#75
Fluoranthene
Concen: 3.593 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:202 Resp: 110055
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.3 0.0 36.3

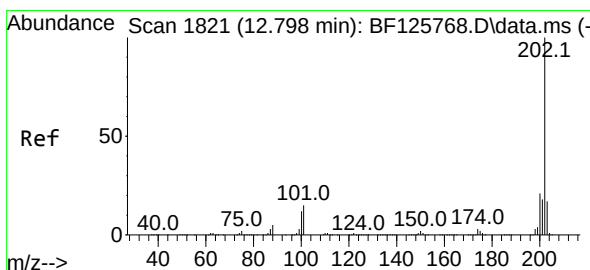
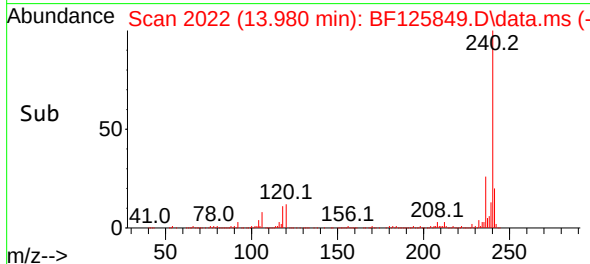
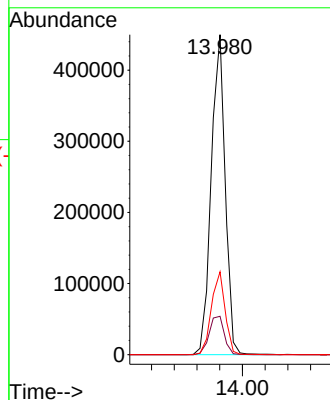
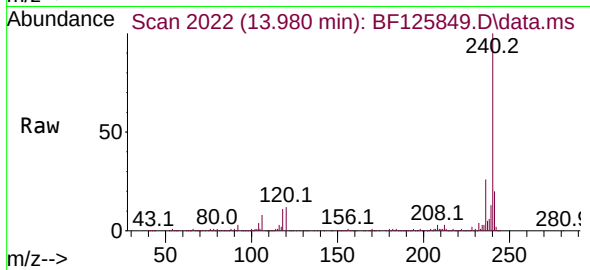




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

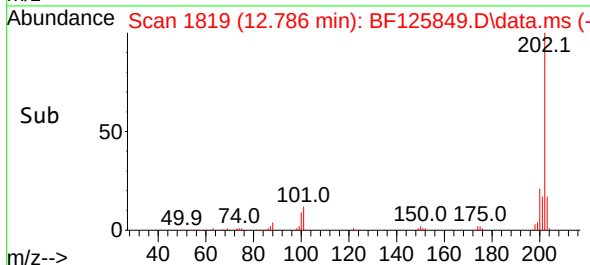
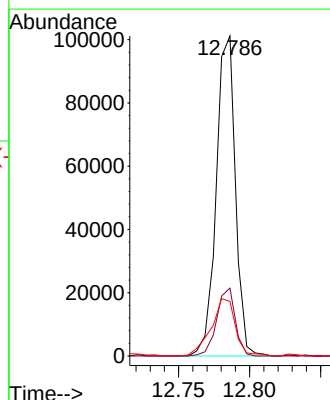
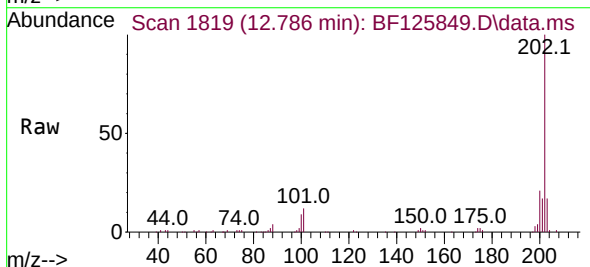
Instrument :
BNA_F
ClientSampleId :
COMP-4

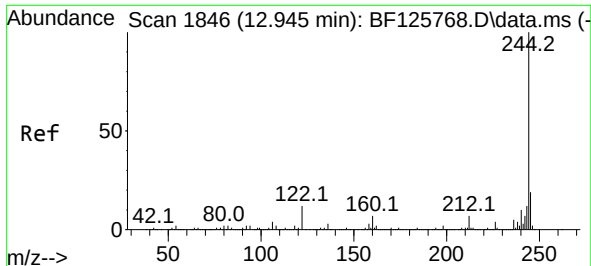
Tgt Ion:240 Resp: 383963
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.9 21.6 32.4



#78
Pyrene
Concen: 2.434 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

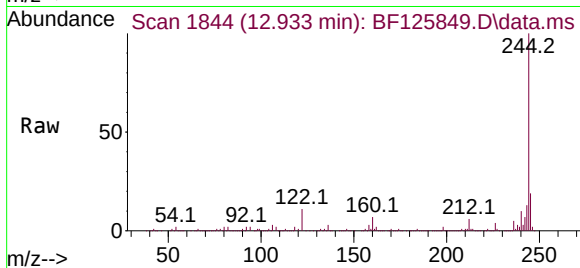
Tgt Ion:202 Resp: 94946
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 17.0 13.4 20.0





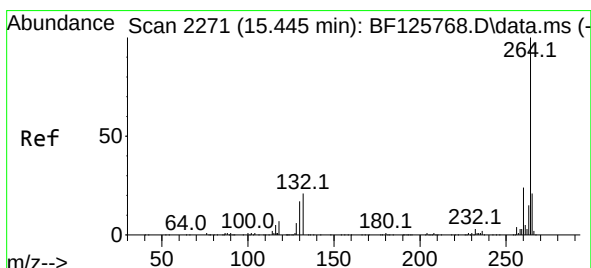
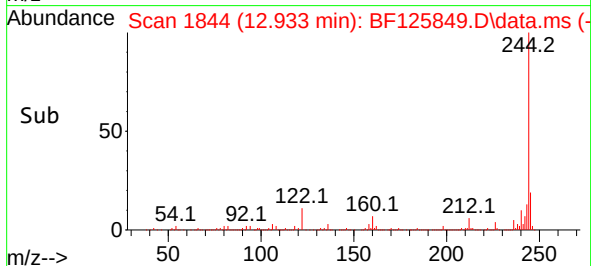
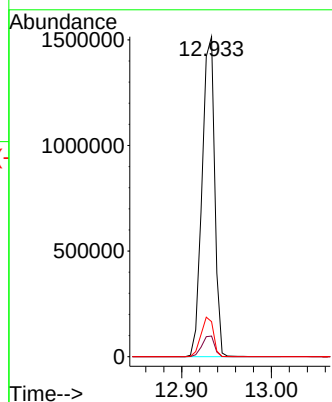
#79
 Terphenyl-d14
 Concen: 58.519 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.012 min
 Lab File: BF125849.D
 Acq: 14 Oct 2021 17:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4



Tgt Ion:244 Resp: 1475076

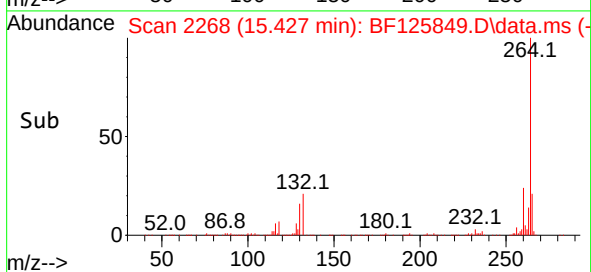
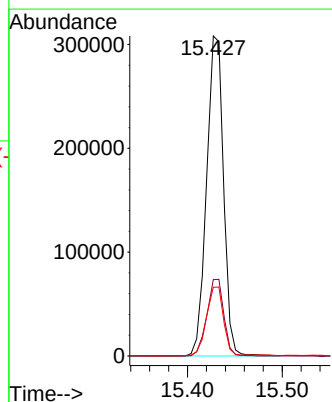
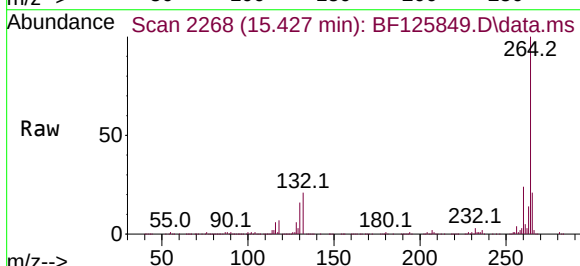
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.0	13.4

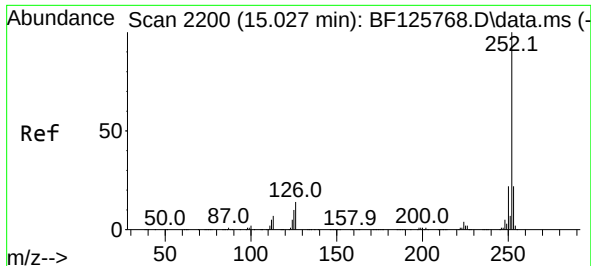


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.024 min
 Lab File: BF125849.D
 Acq: 14 Oct 2021 17:35

Tgt Ion:264 Resp: 383133

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.4	17.2	25.8

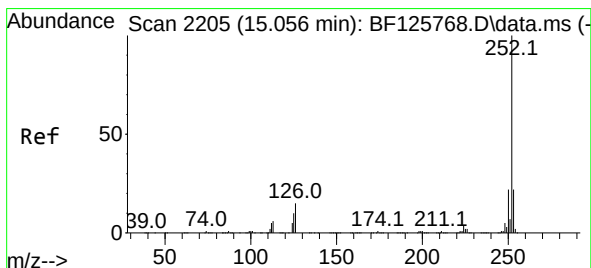
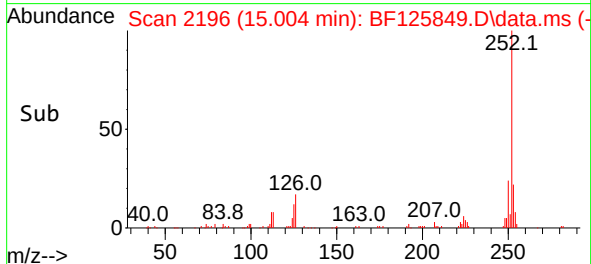
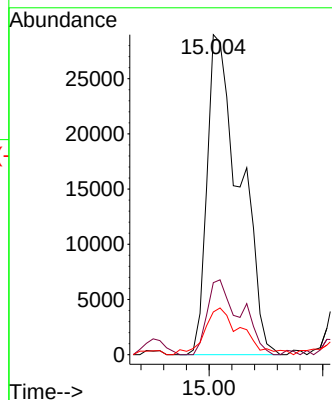
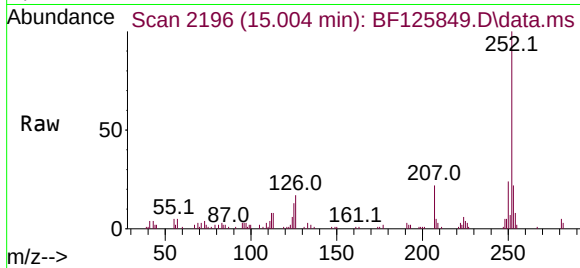




#88
Benzo(b)fluoranthene
Concen: 2.677 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.024 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:252	Resp:	57913
Ion Ratio	Lower	Upper
252	100	
253	22.5	16.8 25.2
125	13.3	9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 2.608 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.059 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion:252	Resp:	57913
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.8 26.8
125	13.3	7.2 10.8#

