

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125868.D
 Acq On : 15 Oct 2021 18:05
 Operator : JU/CG
 Sample : M4244-10 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-COMP-(1-4)

Quant Time: Oct 18 08:56:54 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)

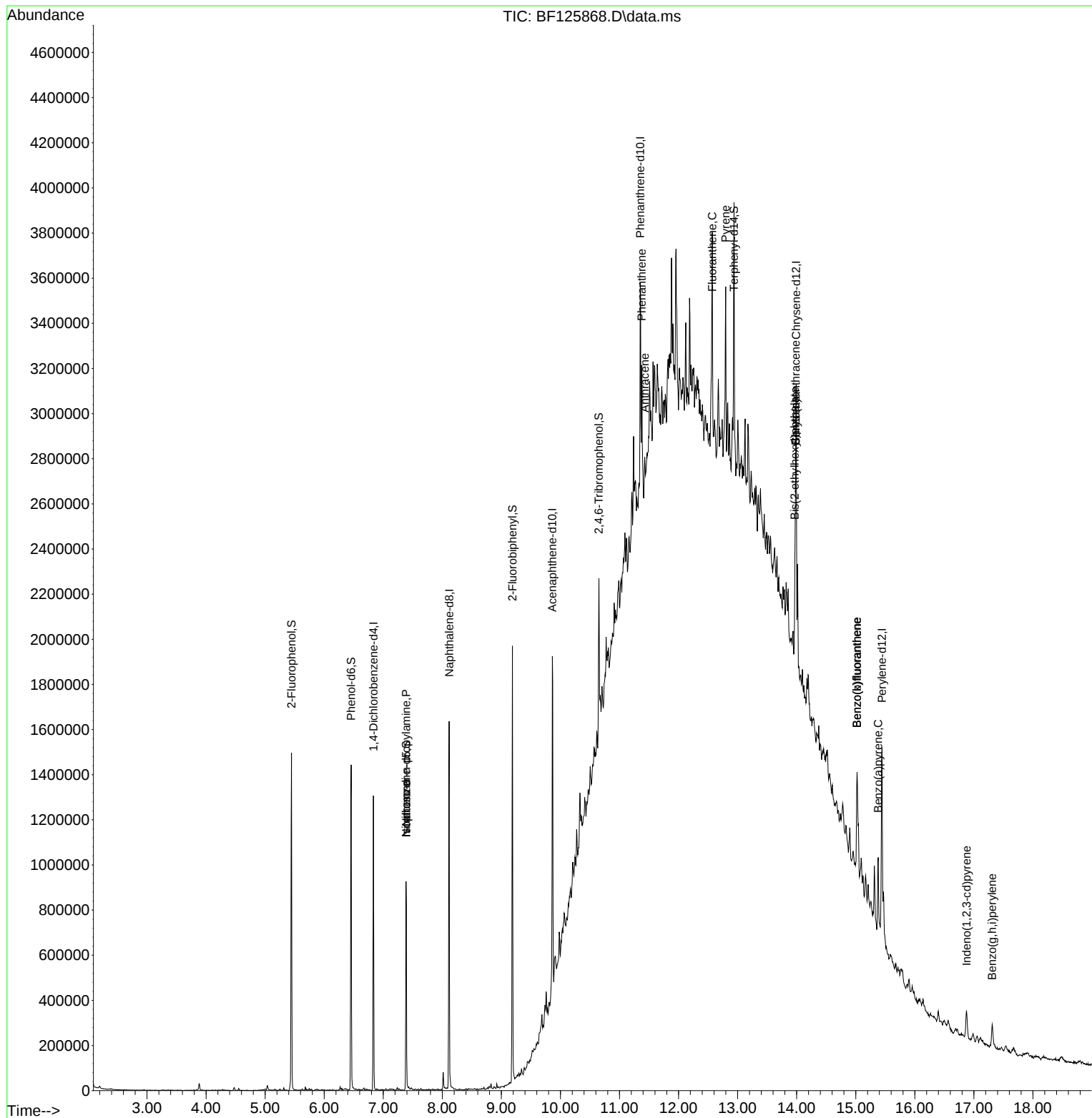
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	184604	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	714744	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	320974	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	414960	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	399089	20.000	ng	0.00
86) Perylene-d12	15.445	264	396392	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	429642	38.021	ng	0.00
7) Phenol-d6	6.457	99	518110	35.616	ng	0.00
23) Nitrobenzene-d5	7.386	82	297413	25.866	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	89073	28.108	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	573586	30.823	ng	0.00
79) Terphenyl-d14	12.939	244	440253	16.804	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	37767	4.918	ng	# 53
25) Isophorone	7.386	82	293981	14.431	ng	# 59
71) Phenanthrene	11.374	178	226424	10.198	ng	# 90
72) Anthracene	11.427	178	53816	2.427	ng	# 74
75) Fluoranthene	12.568	202	383255	19.131	ng	95
78) Pyrene	12.798	202	357077	8.807	ng	95
81) Benzo(a)anthracene	13.980	228	211221	8.158	ng	94
83) Chrysene	13.980	228	211221	8.253	ng	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	118227	8.361	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.874	276	80802	2.671	ng	94
88) Benzo(b)fluoranthene	15.021	252	320741	14.332	ng	94
89) Benzo(k)fluoranthene	15.021	252	320741	13.959	ng	# 93
90) Benzo(a)pyrene	15.380	252	169742	8.565	ng	96
92) Benzo(g,h,i)perylene	17.309	276	75924	2.979	ng	98

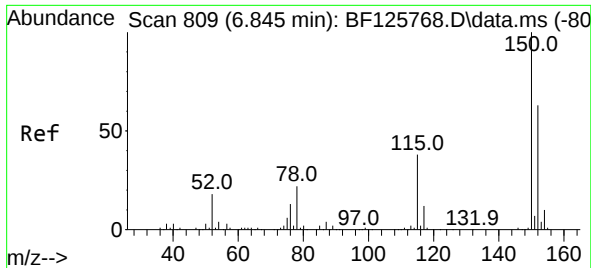
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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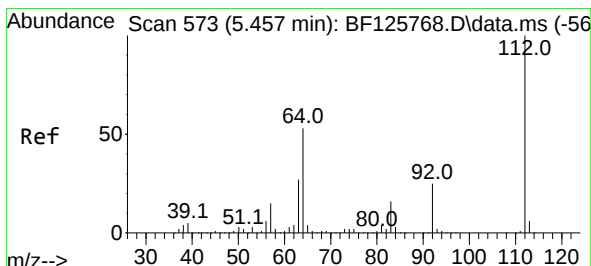
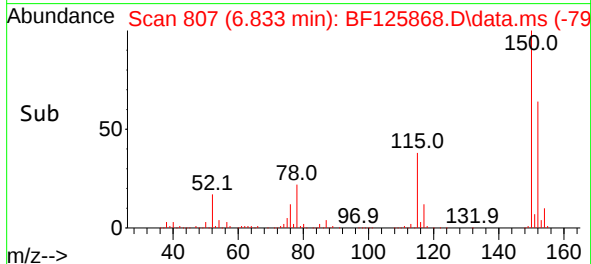
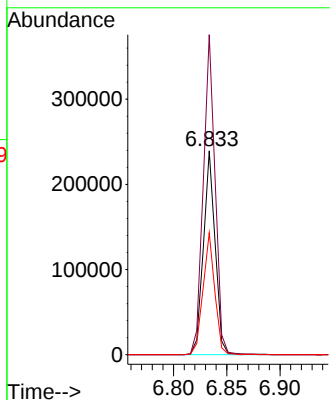
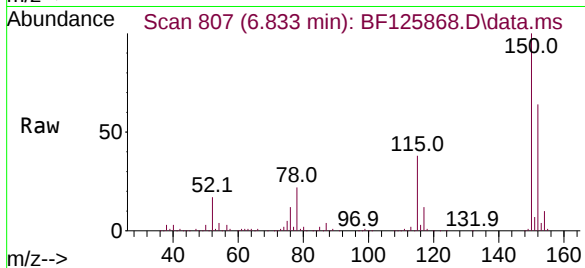




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 807
 Delta R.T. -0.001 min
 Lab File: BF125868.D
 Acq: 15 Oct 2021 18:05

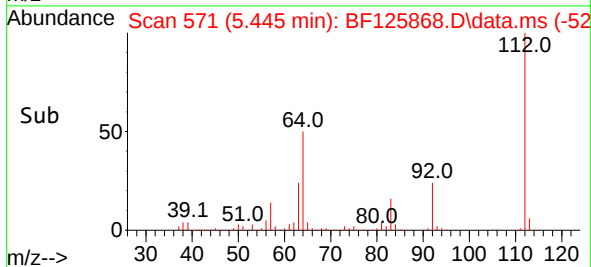
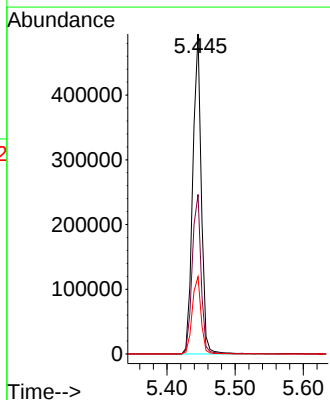
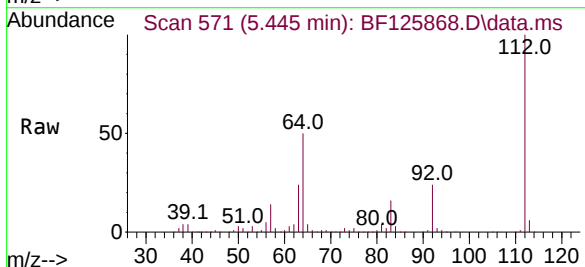
Instrument :
 BNA_F
 ClientSampleId :
 T5-COMP-(1-4)

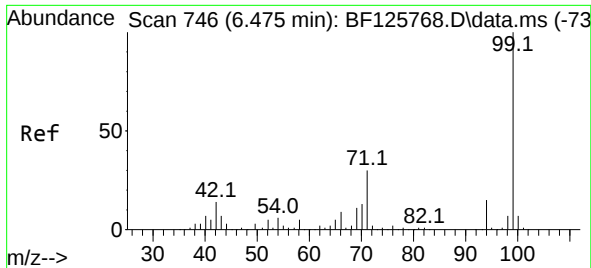
Tgt Ion:152 Resp: 184604
 Ion Ratio Lower Upper
 152 100
 150 157.0 117.6 176.4
 115 59.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 38.021 ng
 RT: 5.445 min Scan# 571
 Delta R.T. -0.006 min
 Lab File: BF125868.D
 Acq: 15 Oct 2021 18:05

Tgt Ion:112 Resp: 429642
 Ion Ratio Lower Upper
 112 100
 64 49.9 44.2 66.2
 63 24.1 26.2 39.2#

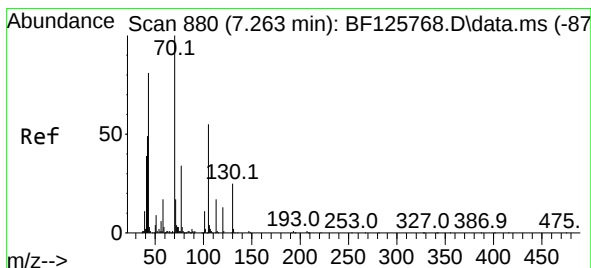
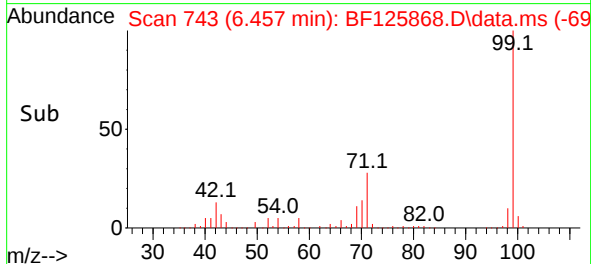
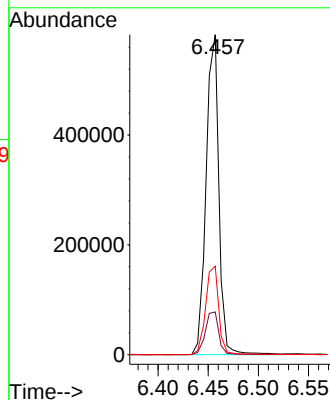
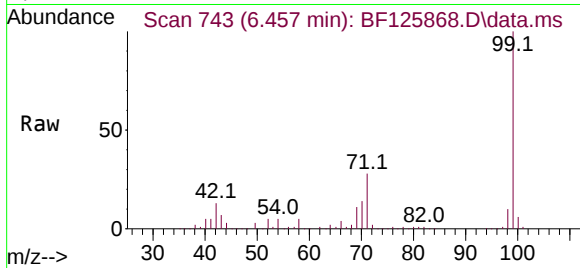




#7
Phenol-d6
Concen: 35.616 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

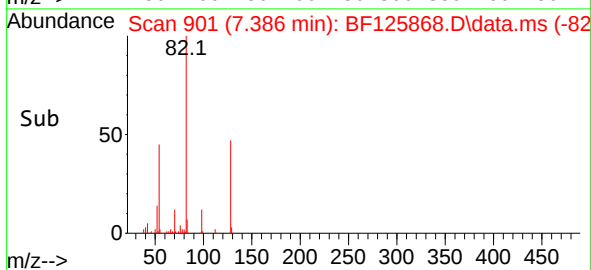
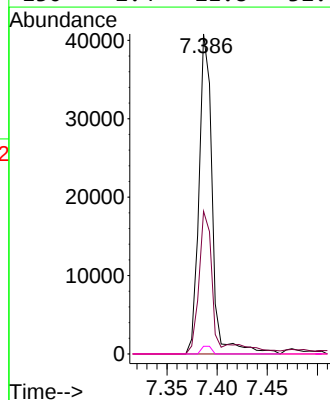
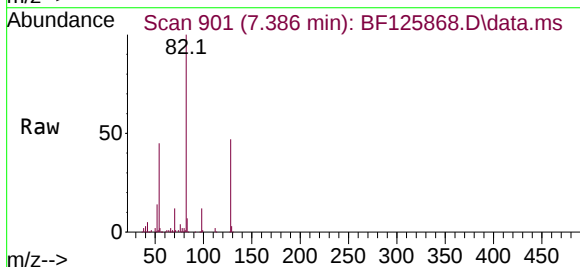
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

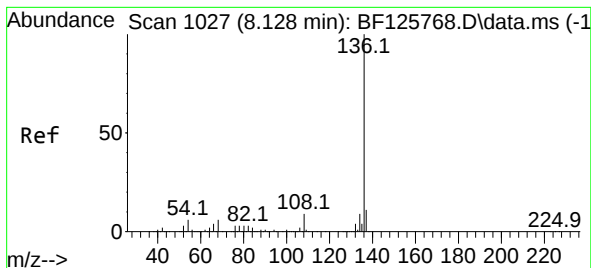
Tgt Ion: 99 Resp: 518110
Ion Ratio Lower Upper
99 100
42 13.4 23.5 35.3#
71 27.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.918 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.135 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion: 70 Resp: 37767
Ion Ratio Lower Upper
70 100
42 44.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

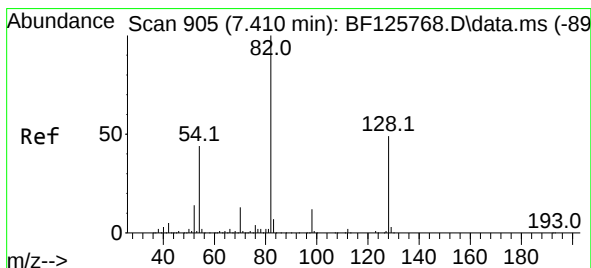
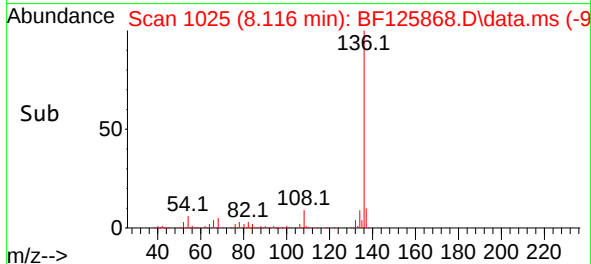
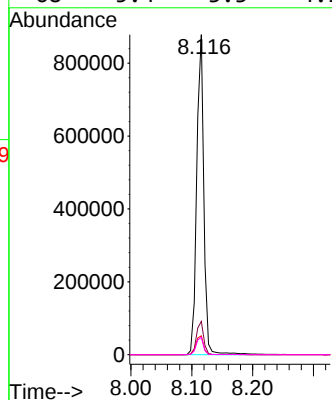
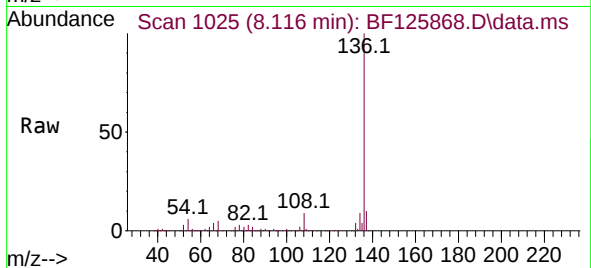




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

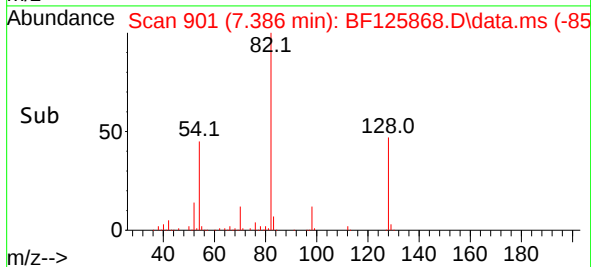
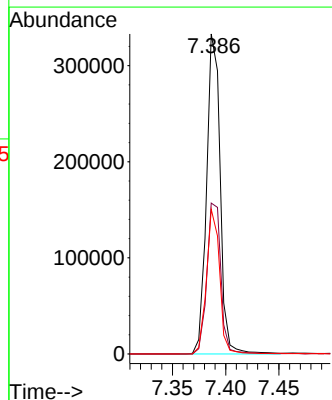
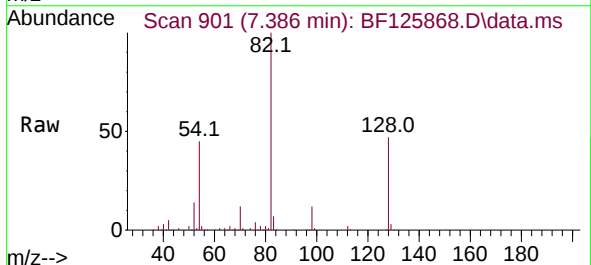
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

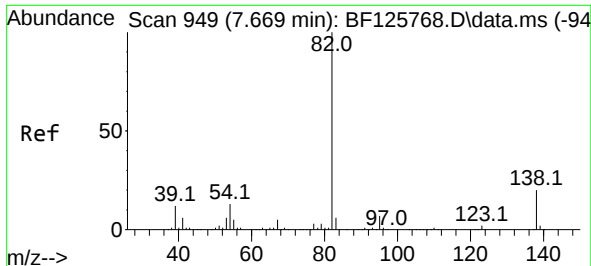
Tgt Ion:136	Resp: 714744
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 5.9	6.4 9.6#
68 5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 25.866 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion: 82	Resp: 297413
Ion Ratio	Lower Upper
82 100	
128 47.1	40.6 60.8
54 45.2	49.6 74.4#

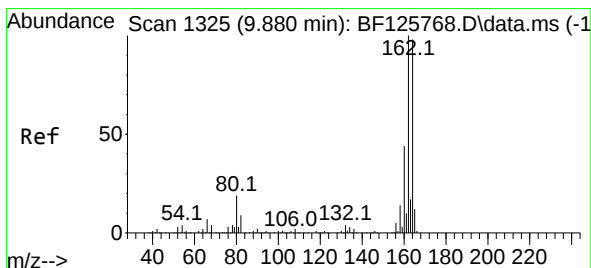
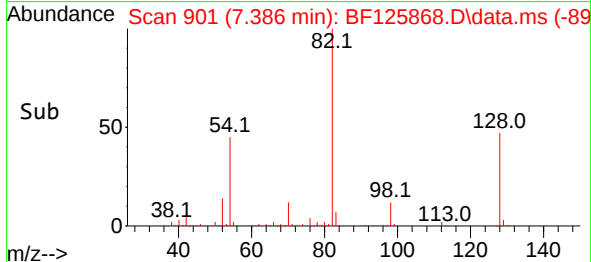
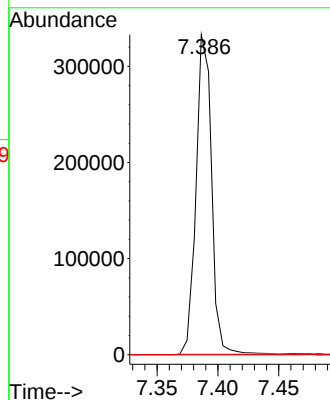
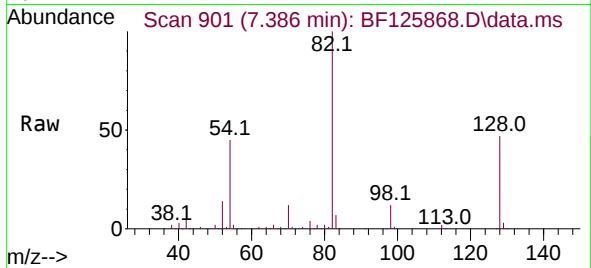




#25
Isophorone
Concen: 14.431 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

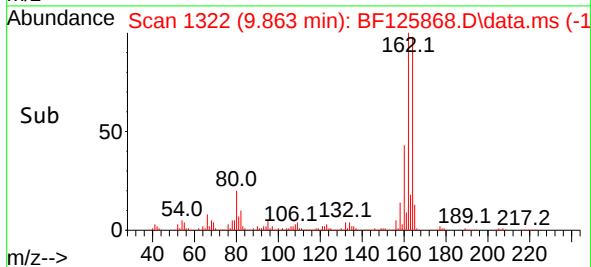
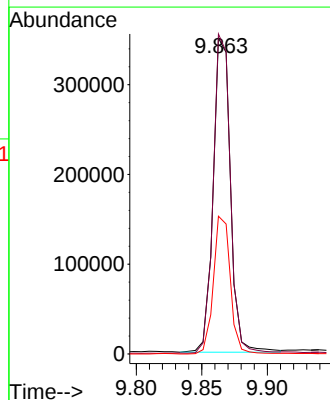
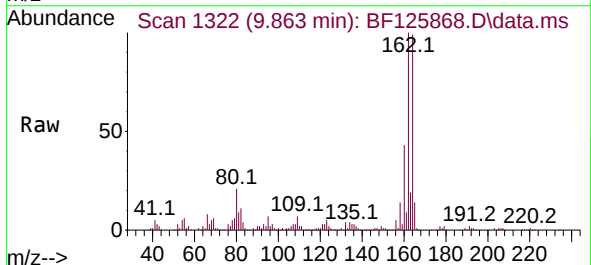
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

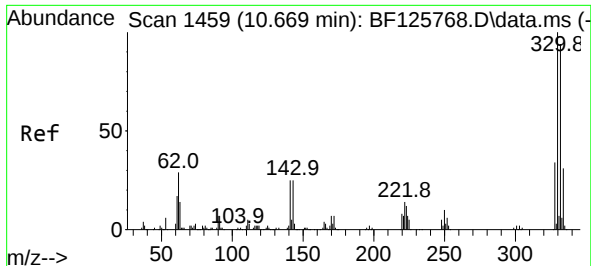
Tgt Ion: 82 Resp: 293981
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion: 164 Resp: 320974
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 43.6 38.0 57.0

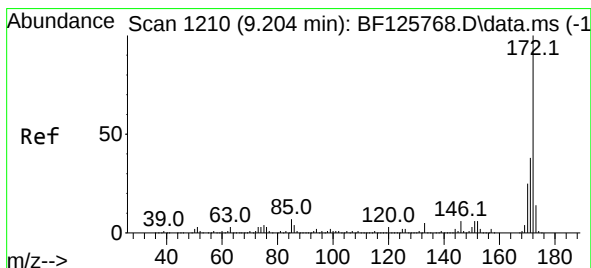
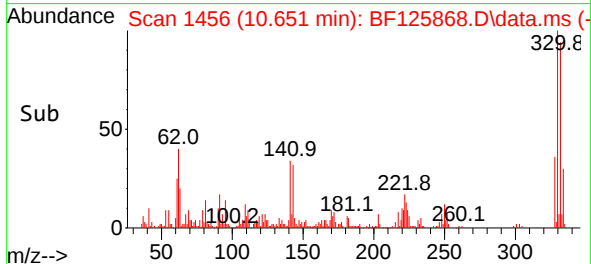
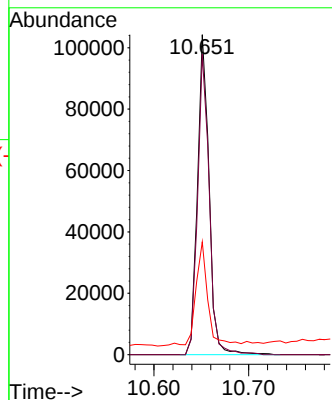
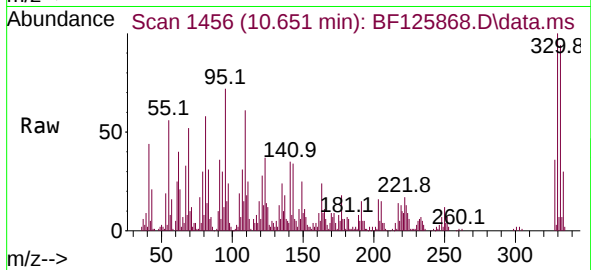




#42
2,4,6-Tribromophenol
Concen: 28.108 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

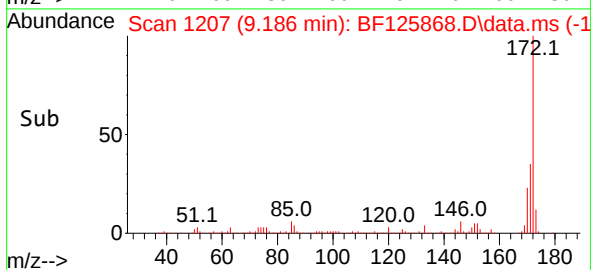
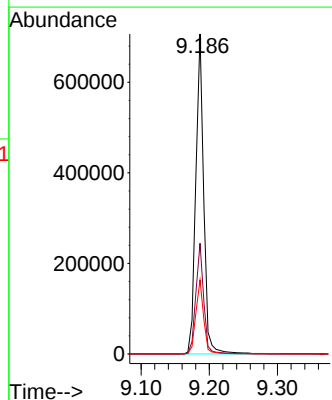
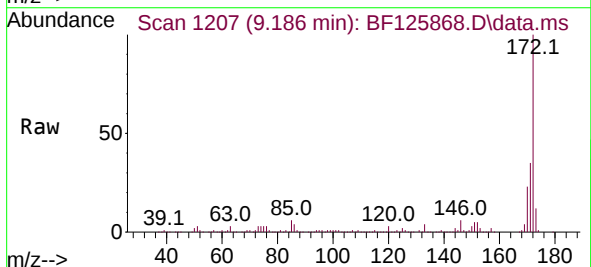
Instrument :
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ClientSampleId :
T5-COMP-(1-4)

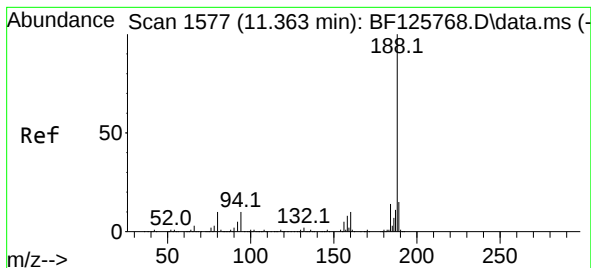
Tgt Ion: 330 Resp: 89073
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 34.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 30.823 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion: 172 Resp: 573586
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.2 18.8 28.2

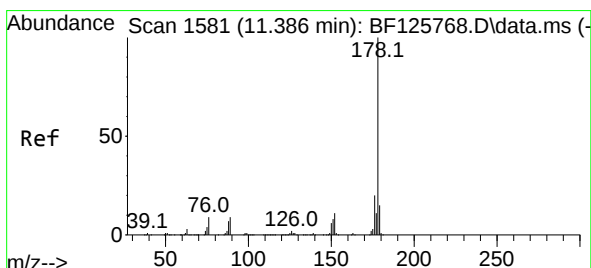
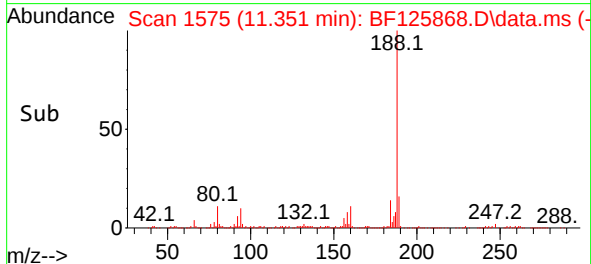
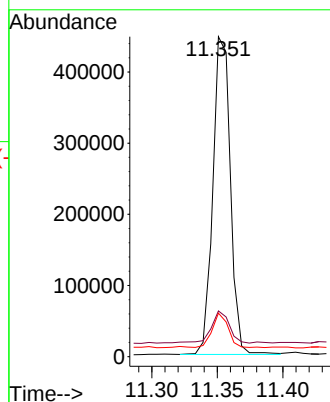
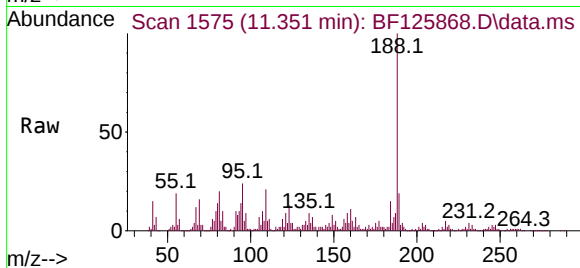




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

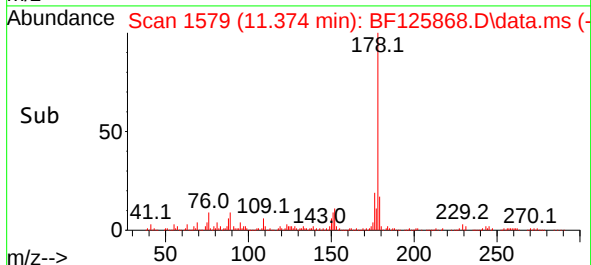
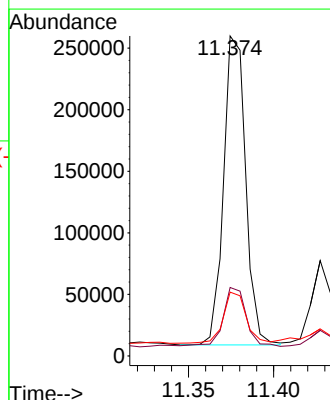
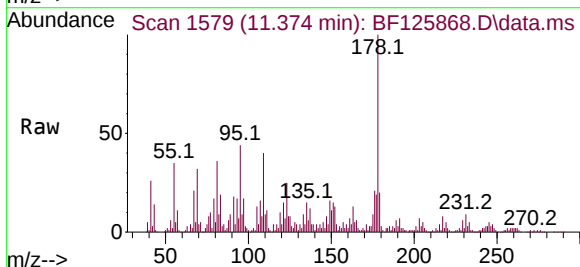
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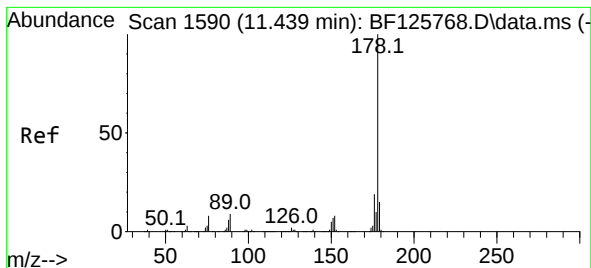
Tgt Ion:188 Resp: 414960
Ion Ratio Lower Upper
188 100
94 14.3 6.7 10.1#
80 13.6 7.5 11.3#



#71
Phenanthrene
Concen: 10.198 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:178 Resp: 226424
Ion Ratio Lower Upper
178 100
176 21.4 14.7 22.1
179 20.0 11.5 17.3#





#72

Anthracene

Concen: 2.427 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF125868.D

Acq: 15 Oct 2021 18:05

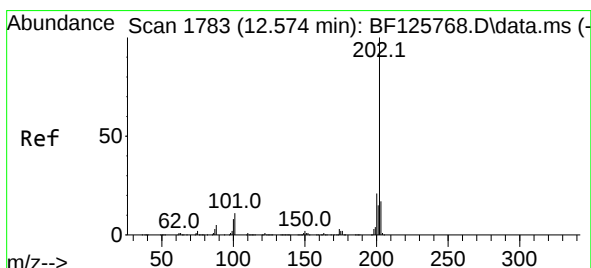
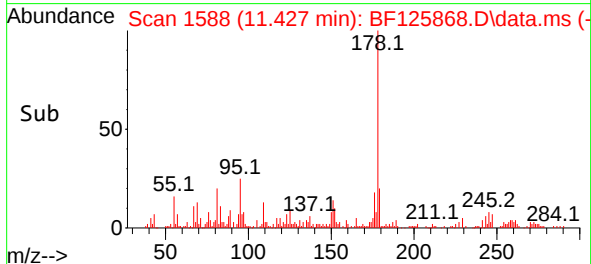
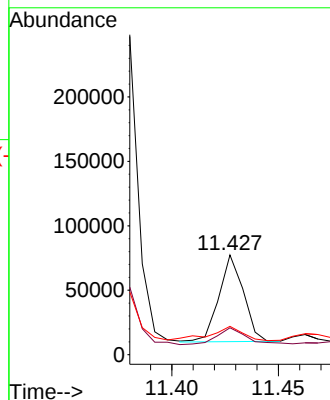
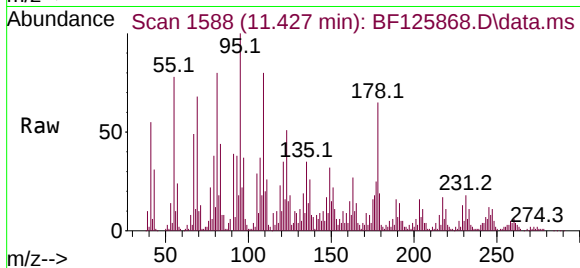
Instrument :

BNA_F

ClientSampleId :

T5-COMP-(1-4)

Tgt Ion:178	Resp:	53816
Ion Ratio	Lower	Upper
178	100	
176	27.0	14.3 21.5#
179	28.4	12.2 18.4#



#75

Fluoranthene

Concen: 19.131 ng

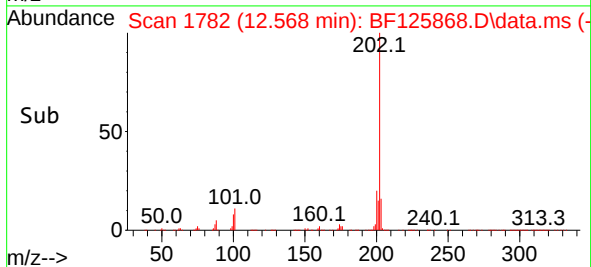
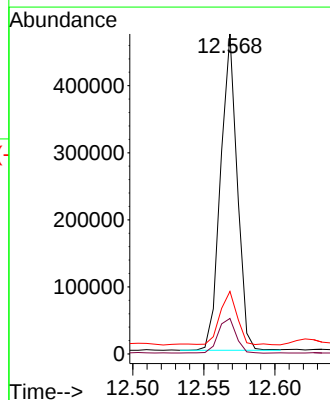
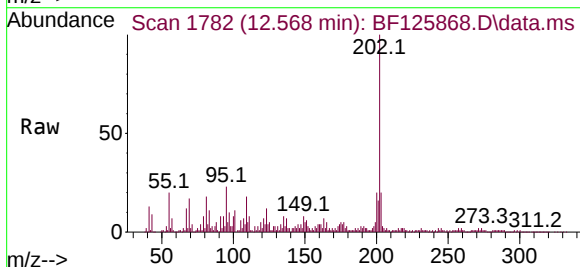
RT: 12.568 min Scan# 1782

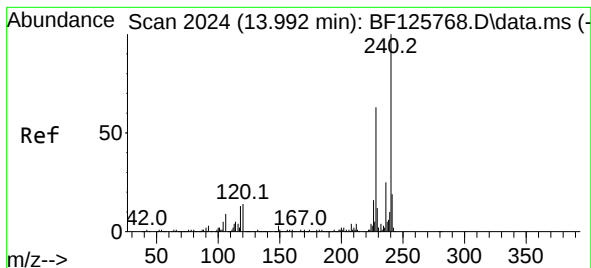
Delta R.T. 0.006 min

Lab File: BF125868.D

Acq: 15 Oct 2021 18:05

Tgt Ion:202	Resp:	383255
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 30.7
203	19.5	0.0 36.3

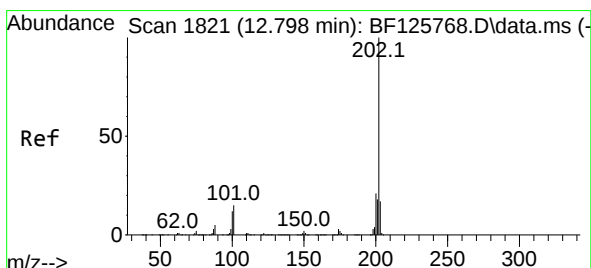
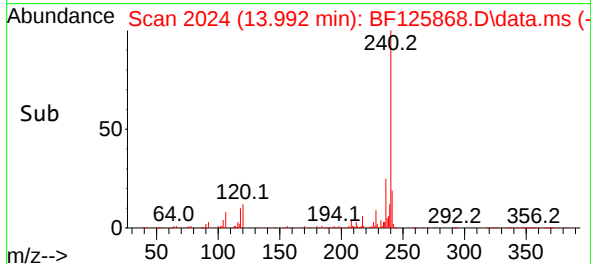
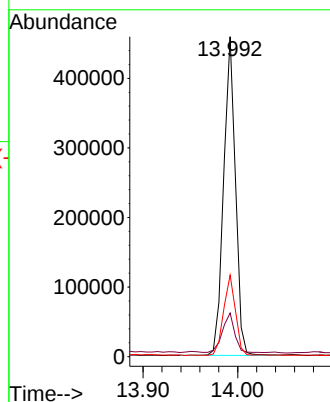
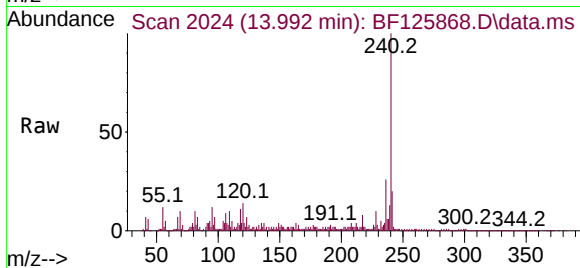




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

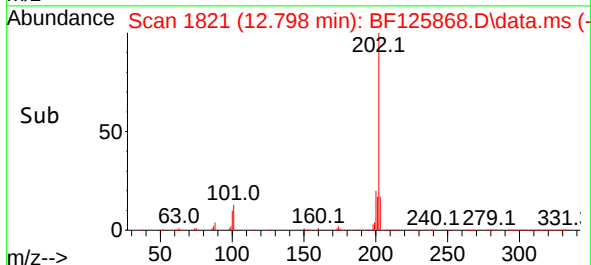
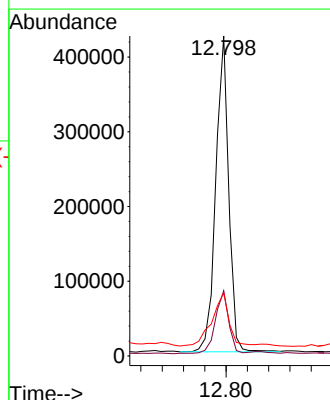
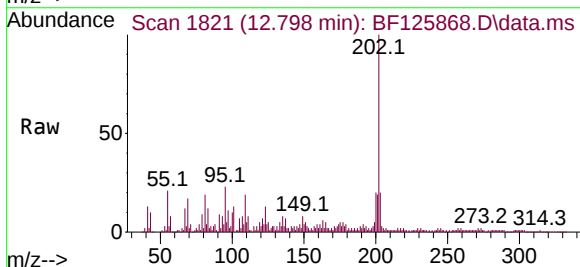
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

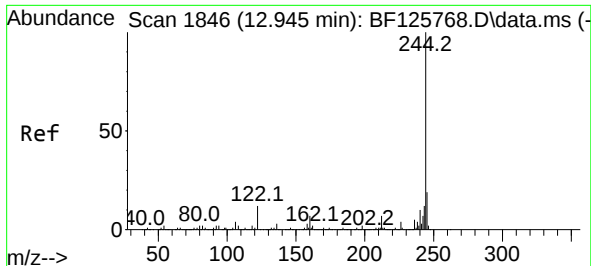
Tgt Ion:240 Resp: 399089
Ion Ratio Lower Upper
240 100
120 13.6 10.8 16.2
236 25.5 21.6 32.4



#78
Pyrene
Concen: 8.807 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:202 Resp: 357077
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 19.7 13.4 20.0

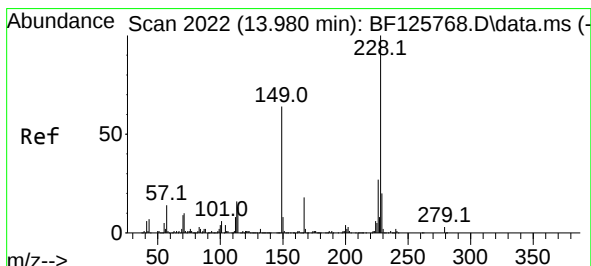
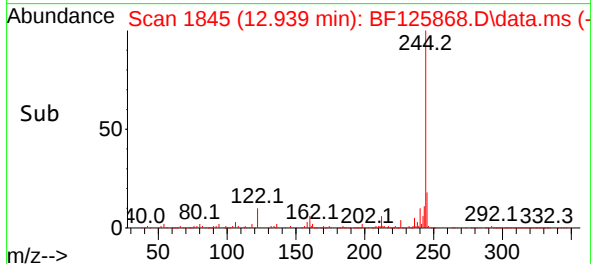
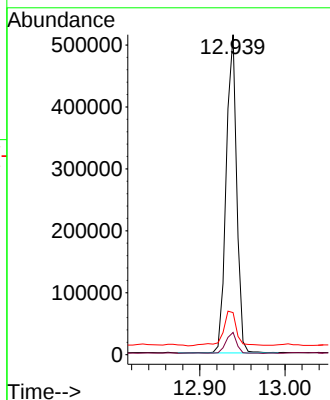
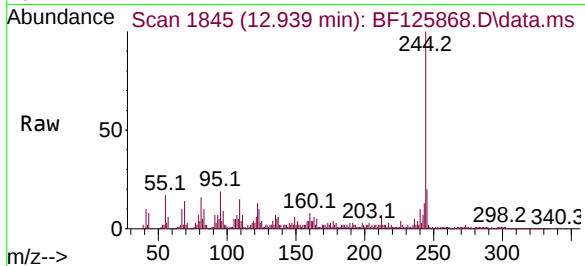




#79
Terphenyl-d14
Concen: 16.804 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

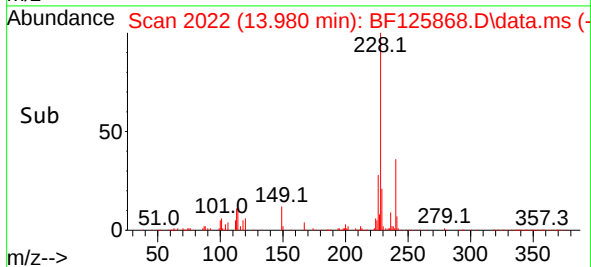
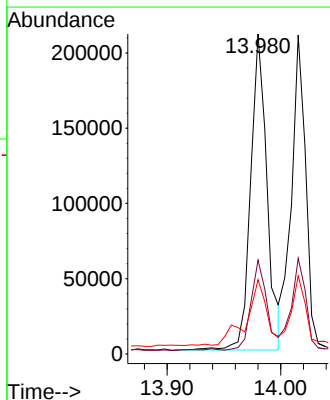
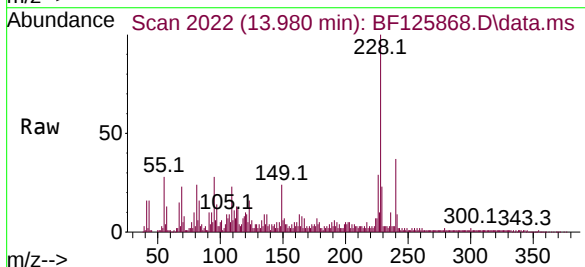
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

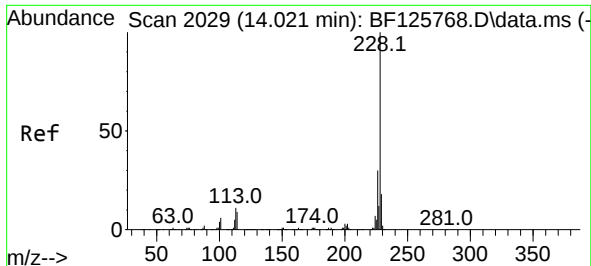
Tgt Ion:244 Resp: 440253
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 13.2 9.0 13.4



#81
Benzo(a)anthracene
Concen: 8.158 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:228 Resp: 211221
Ion Ratio Lower Upper
228 100
226 29.3 21.6 32.4
229 23.2 15.6 23.4

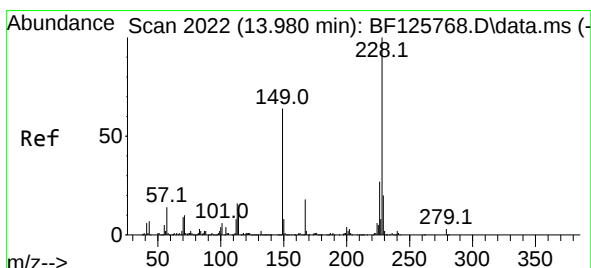
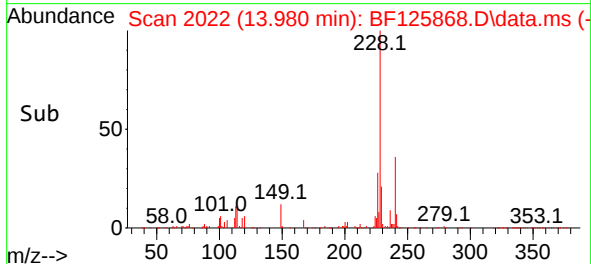
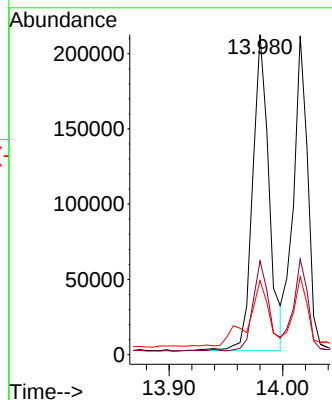
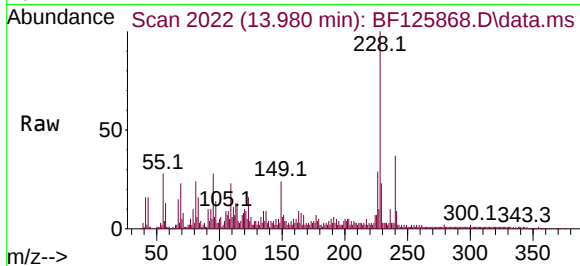




#83
Chrysene
Concen: 8.253 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.030 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

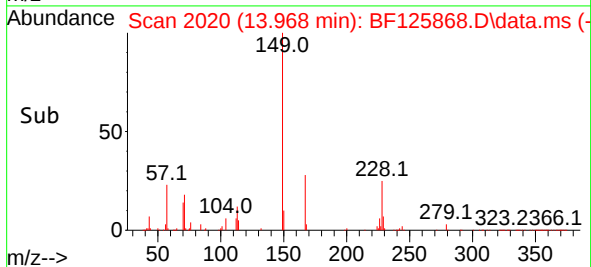
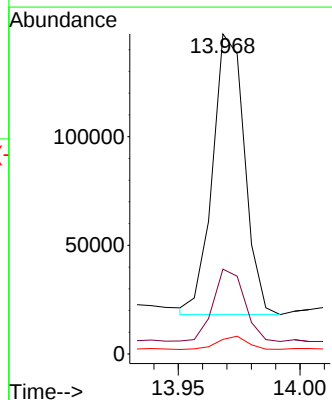
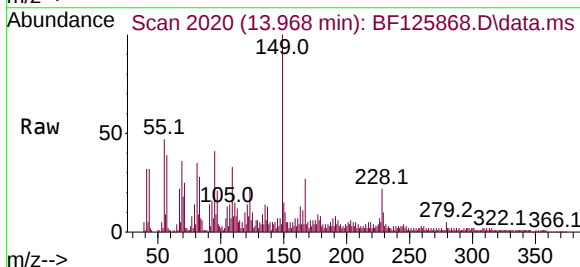
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

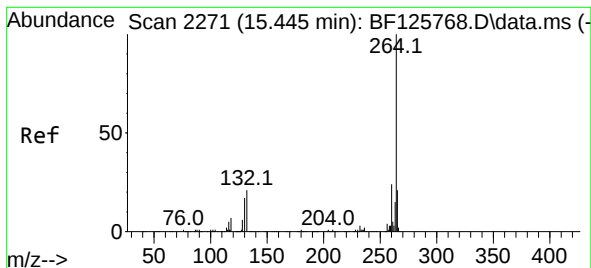
Tgt Ion:228 Resp: 211221
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 23.2 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.361 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:149 Resp: 118227
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.6 2.6 4.0#

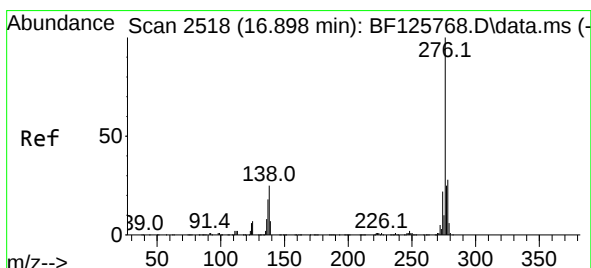
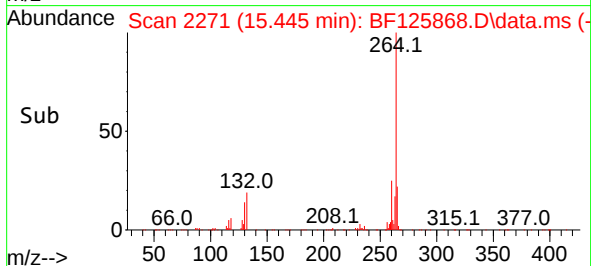
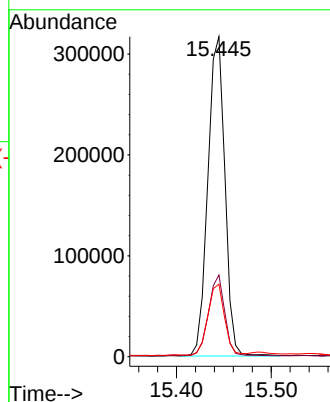
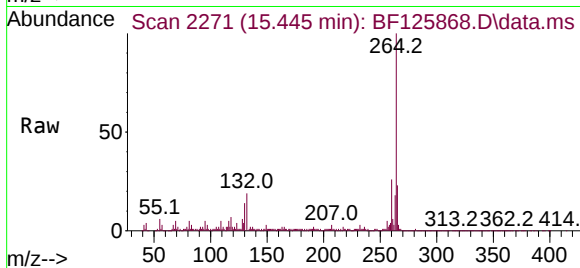




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

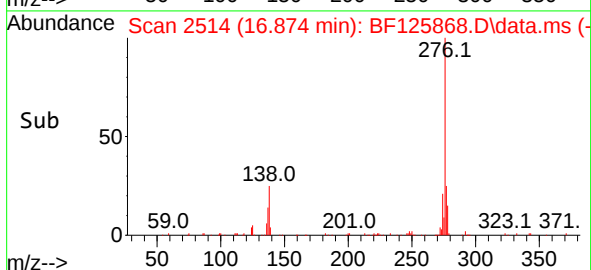
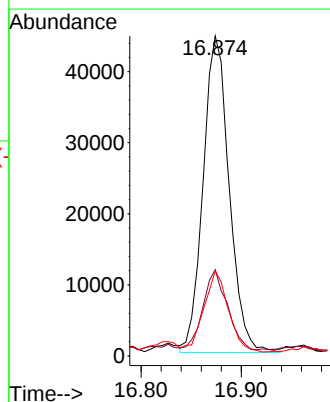
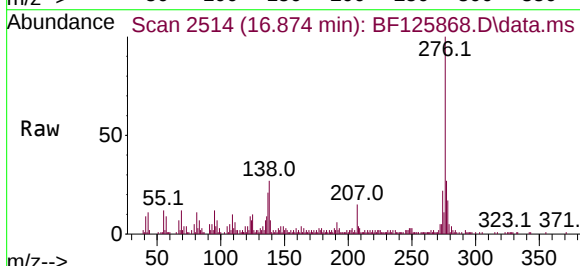
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

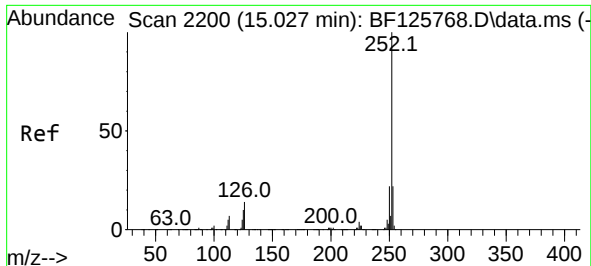
Tgt Ion:264 Resp: 396392
Ion Ratio Lower Upper
264 100
260 25.6 19.6 29.4
265 22.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.671 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:276 Resp: 80802
Ion Ratio Lower Upper
276 100
138 24.9 24.1 36.1
277 24.6 18.8 28.2

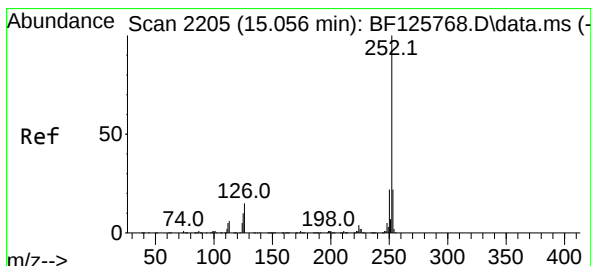
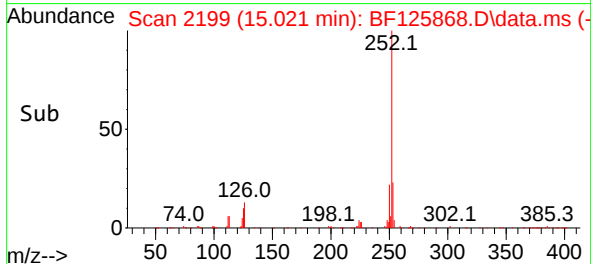
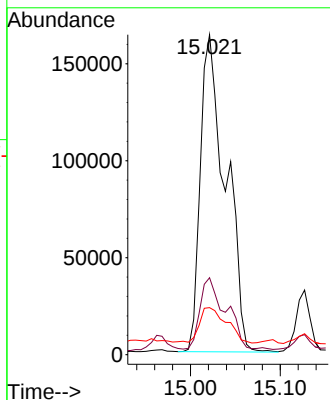
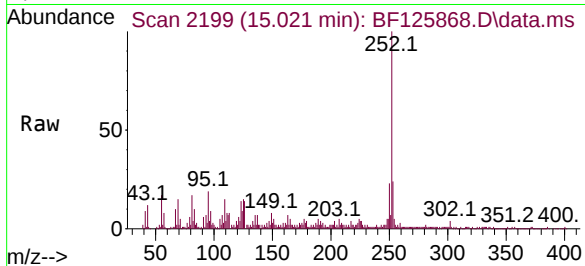




#88
Benzo(b)fluoranthene
Concen: 14.332 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

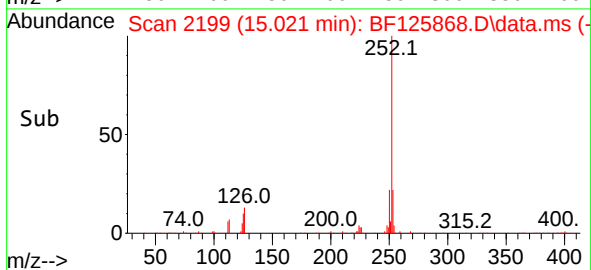
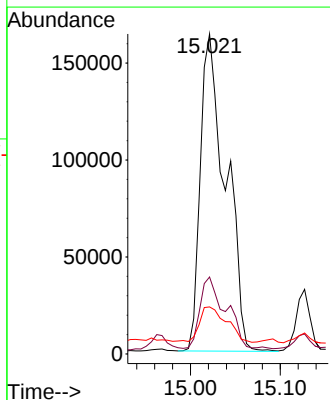
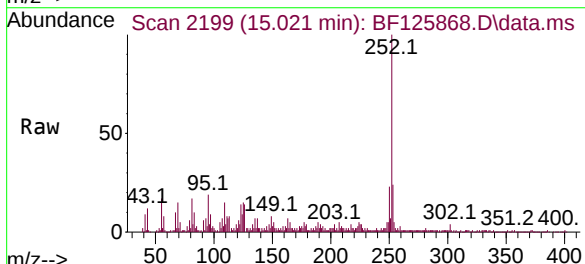
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

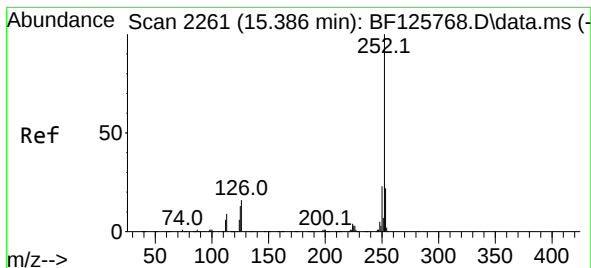
Tgt Ion:252 Resp: 320741
Ion Ratio Lower Upper
252 100
253 24.0 16.8 25.2
125 14.7 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 13.959 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF125868.D
Acq: 15 Oct 2021 18:05

Tgt Ion:252 Resp: 320741
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 14.7 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 8.565 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF125868.D

Acq: 15 Oct 2021 18:05

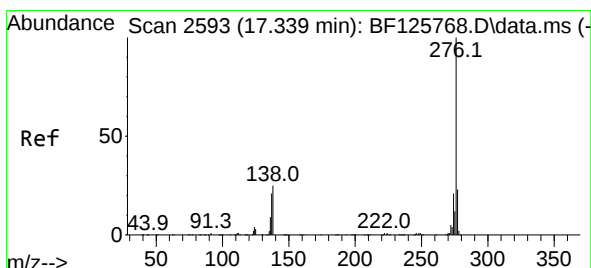
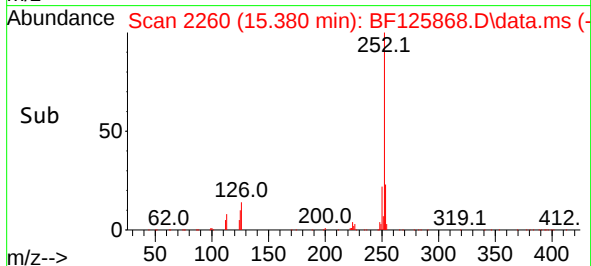
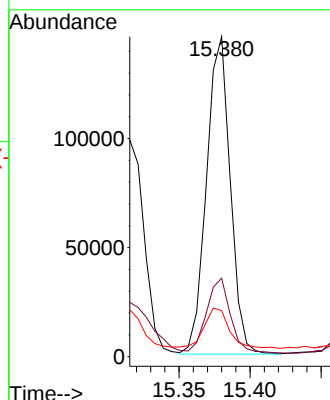
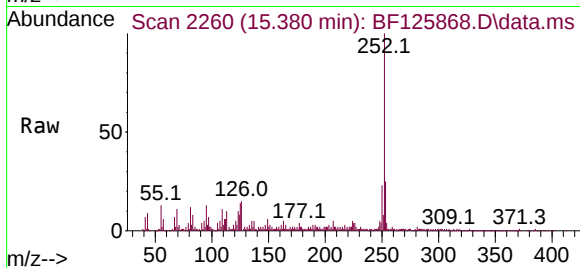
Instrument :

BNA_F

ClientSampleId :

T5-COMP-(1-4)

Tgt Ion:	252	Resp:	169742
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.4	27.6
125	14.4	9.9	14.9



#92

Benzo(g,h,i)perylene

Concen: 2.979 ng

RT: 17.309 min Scan# 2588

Delta R.T. -0.012 min

Lab File: BF125868.D

Acq: 15 Oct 2021 18:05

Tgt Ion:	276	Resp:	75924
Ion Ratio	Lower	Upper	
276	100		
277	26.1	22.0	33.0
138	27.3	22.2	33.4

