

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125906.D
 Acq On : 19 Oct 2021 18:27
 Operator : JU/CG
 Sample : M4274-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-BS

Quant Time: Oct 20 09:28:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

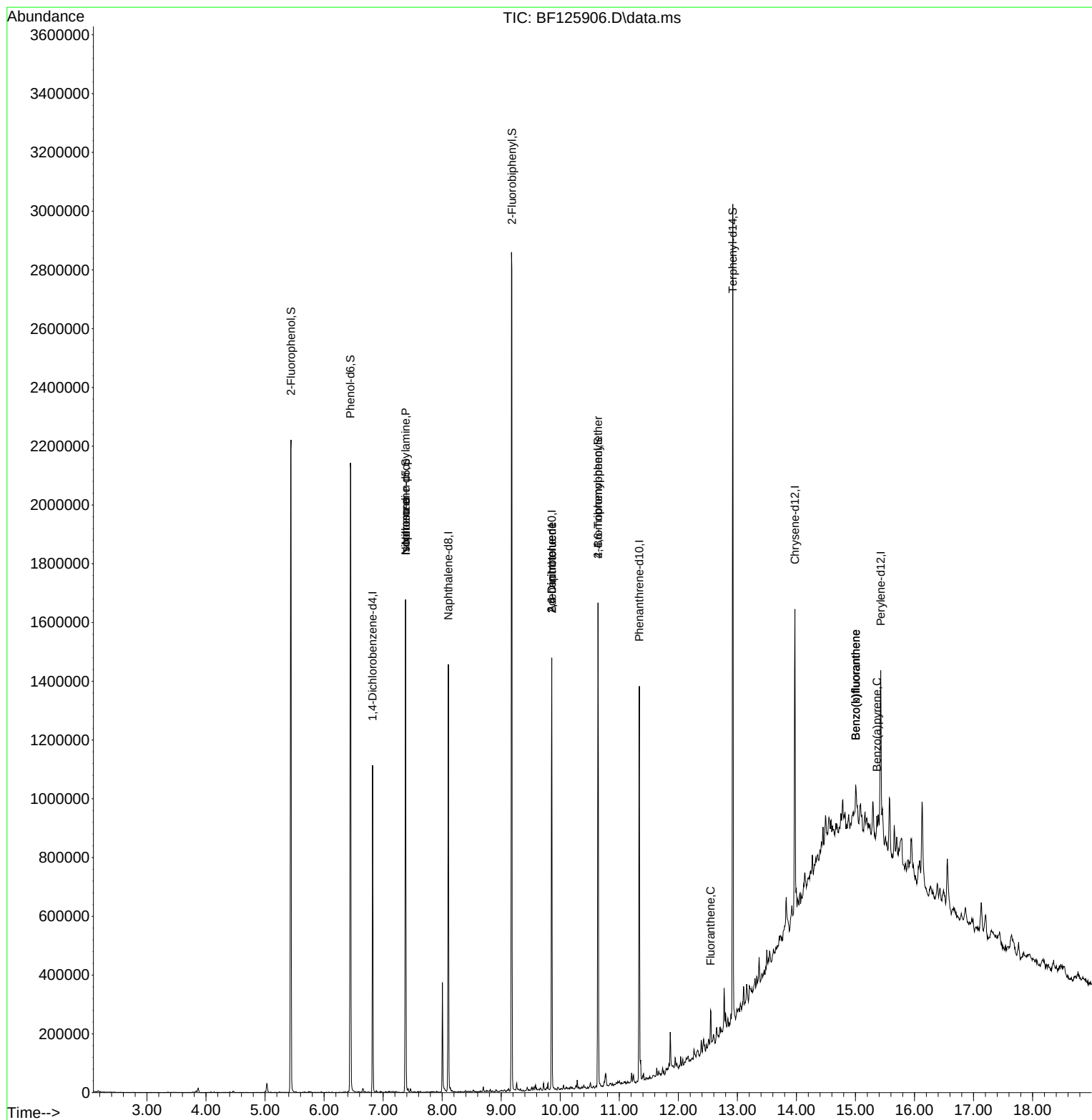
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156653	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	610383	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	292698	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	470030	20.000	ng	0.00
76) Chrysene-d12	13.974	240	343396	20.000	ng	0.00
86) Perylene-d12	15.427	264	258908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	727842	75.902	ng	0.00
7) Phenol-d6	6.445	99	864322	70.016	ng	-0.01
23) Nitrobenzene-d5	7.380	82	494212	50.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	204943	70.919	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	939412	55.358	ng	0.00
79) Terphenyl-d14	12.921	244	891555	39.548	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.380	70	61236	9.397	ng	# 50
25) Isophorone	7.380	82	491991	28.281	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	37232	9.560	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	37232	7.561	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	11823	2.271	ng	# 1
75) Fluoranthene	12.545	202	51127	2.253	ng	95
88) Benzo(b)fluoranthene	15.004	252	53895	3.687	ng	# 55
89) Benzo(k)fluoranthene	15.004	252	53895	3.591	ng	# 55
90) Benzo(a)pyrene	15.362	252	29485	2.278	ng	# 70

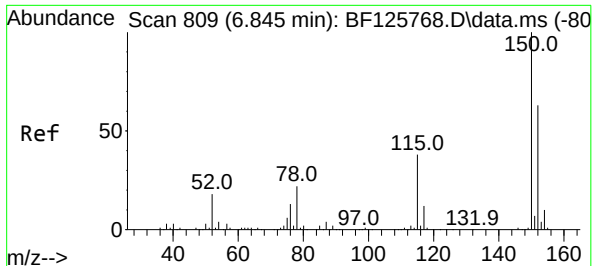
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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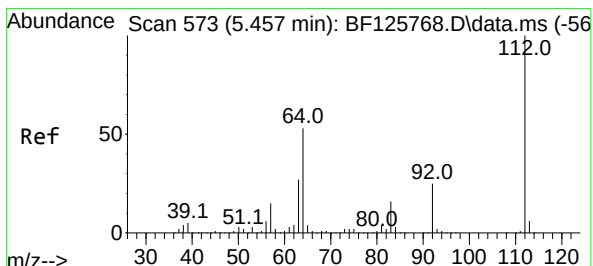
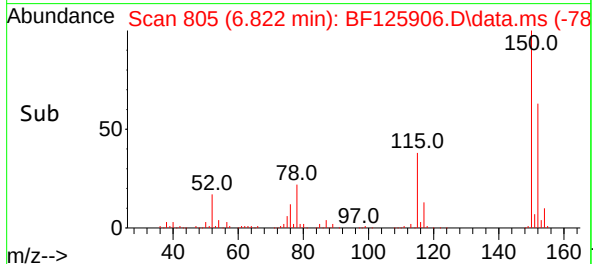
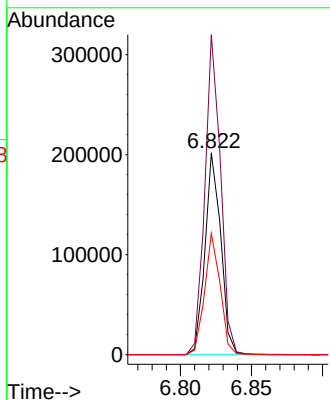
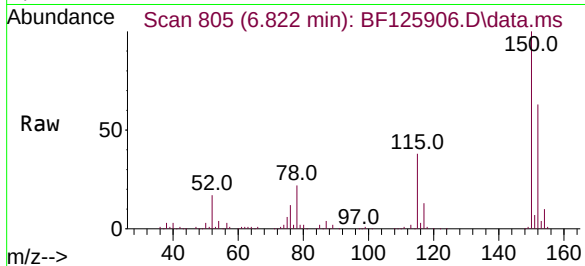




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

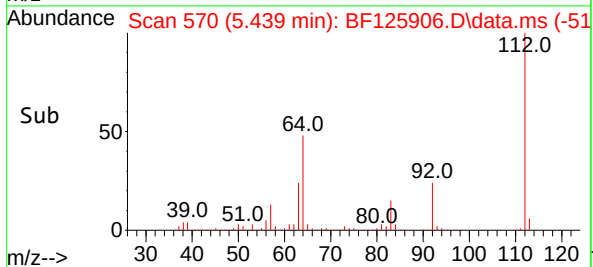
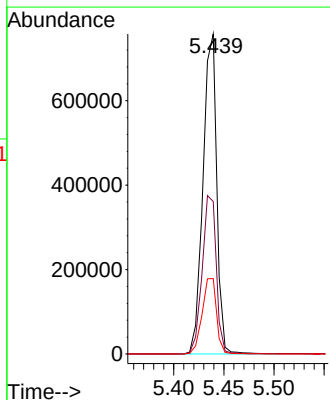
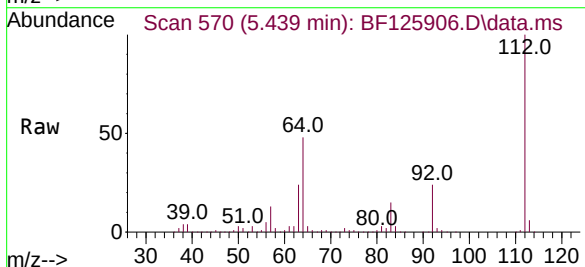
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

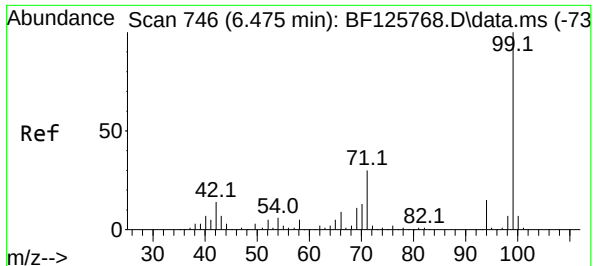
Tgt Ion:152 Resp: 156653
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 75.902 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:112 Resp: 727842
Ion Ratio Lower Upper
112 100
64 47.7 44.2 66.2
63 23.5 26.2 39.2#

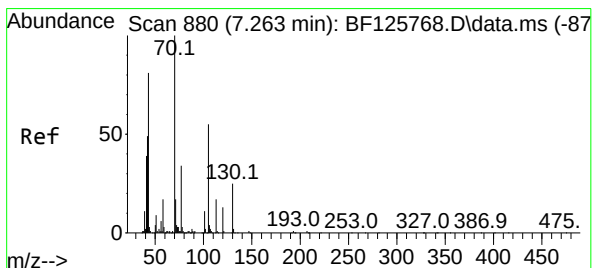
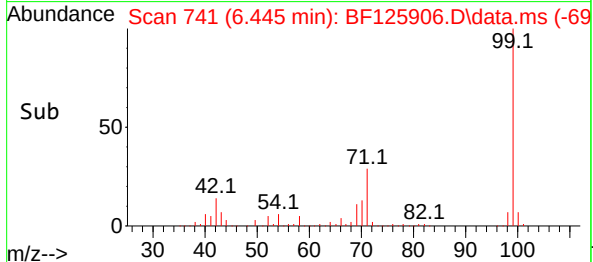
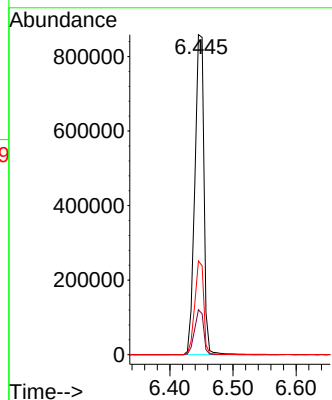
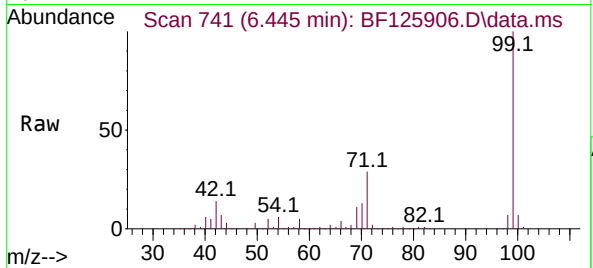




#7
Phenol-d6
Concen: 70.016 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

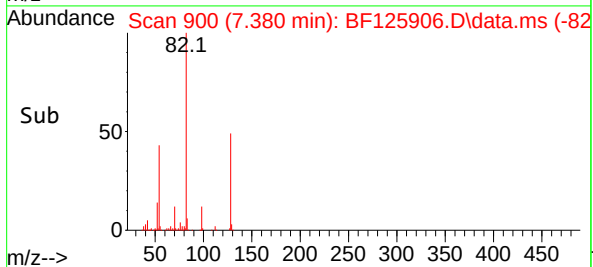
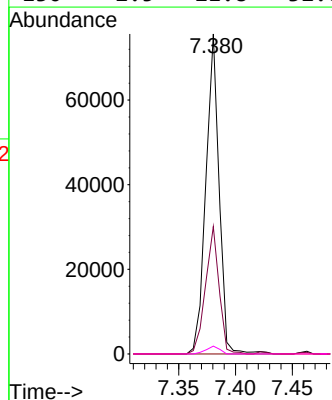
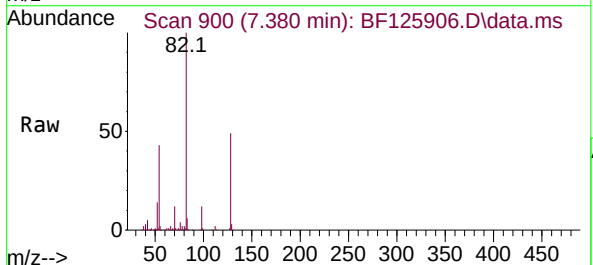
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

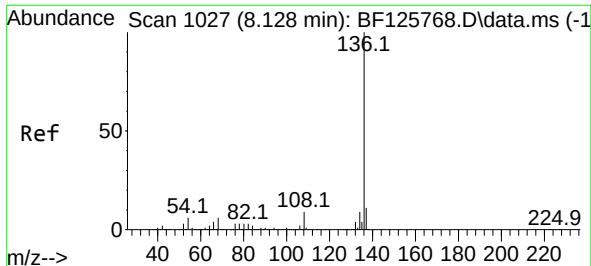
Tgt Ion: 99 Resp: 864322
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.397 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion: 70 Resp: 61236
Ion Ratio Lower Upper
70 100
42 39.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#

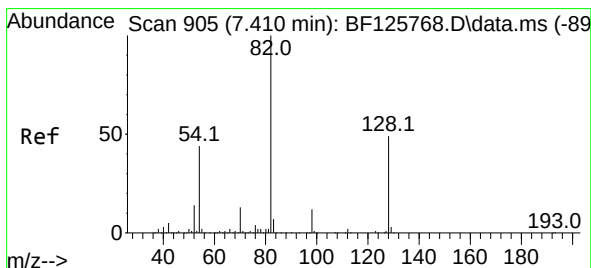
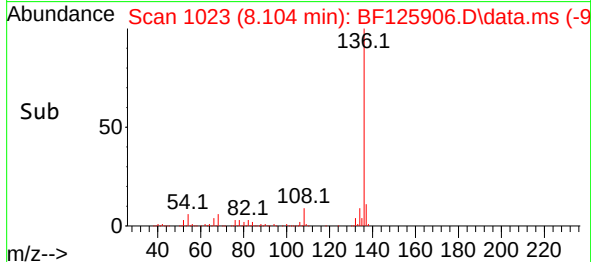
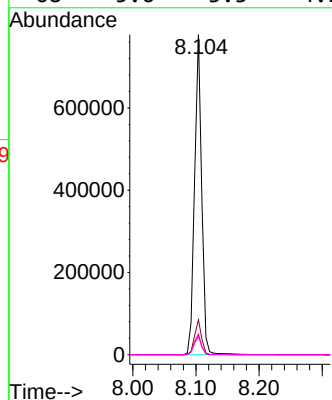
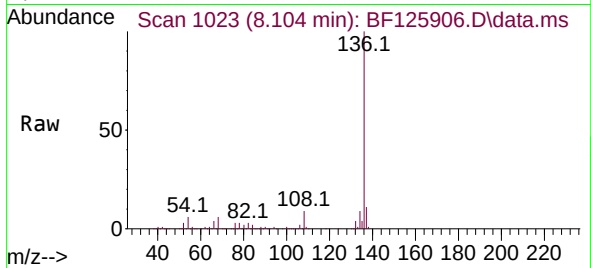




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

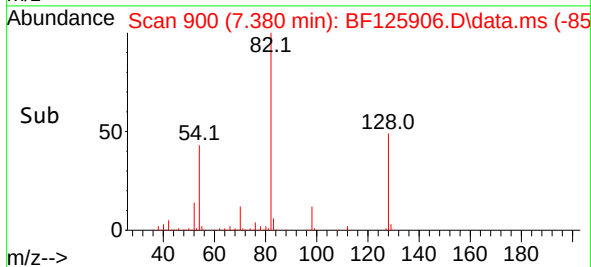
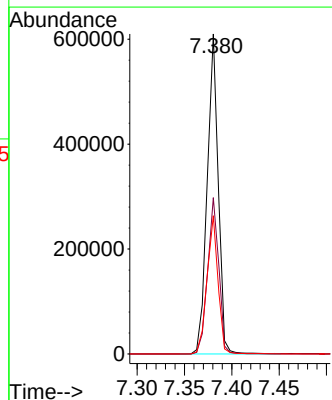
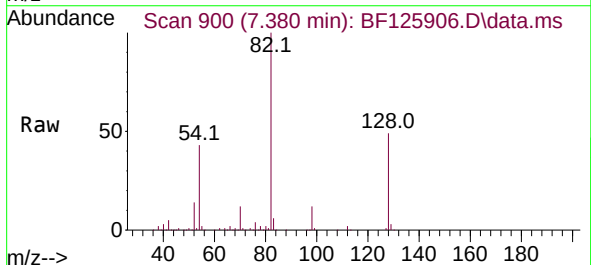
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

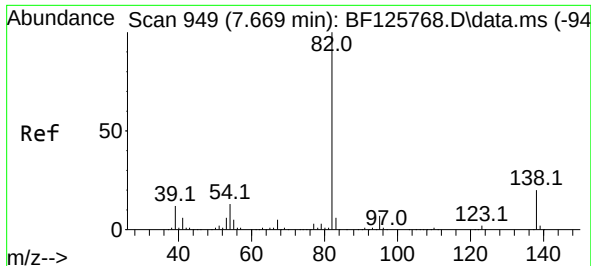
Tgt Ion:136	Resp: 610383
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 6.4	6.4 9.6
68 5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 50.330 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion: 82	Resp: 494212
Ion Ratio	Lower Upper
82 100	
128 48.9	40.6 60.8
54 43.2	49.6 74.4#

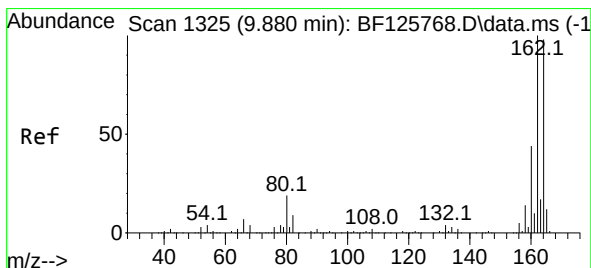
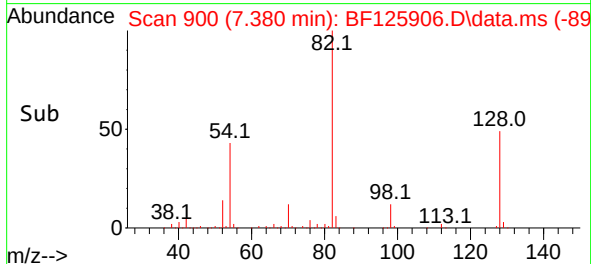
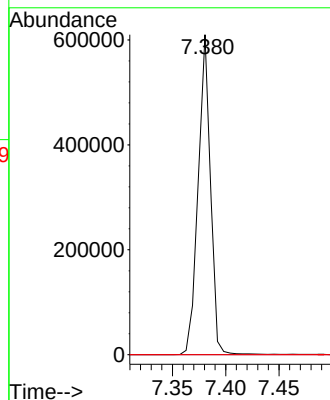
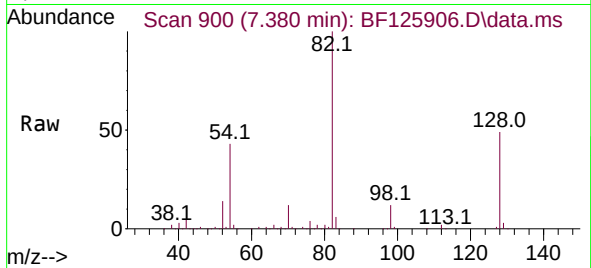




#25
Isophorone
Concen: 28.281 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

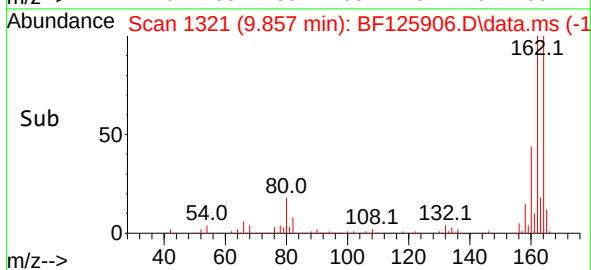
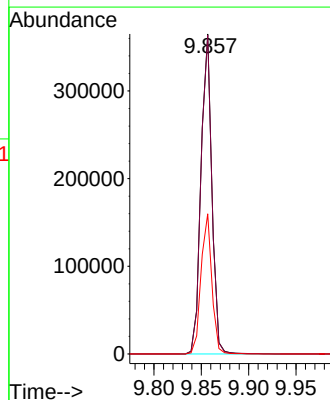
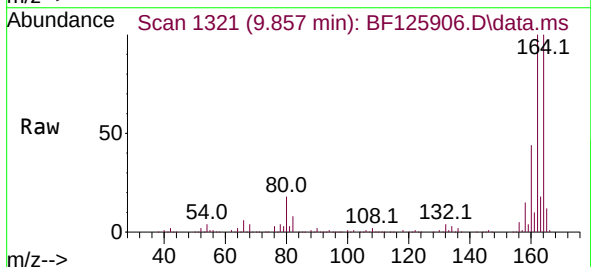
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

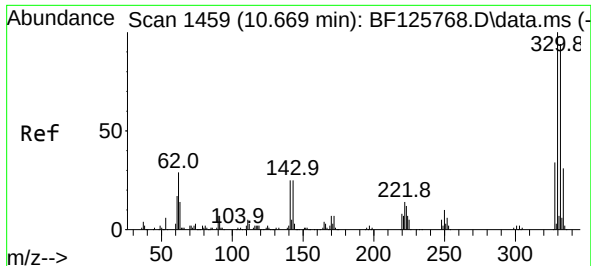
Tgt Ion: 82 Resp: 491991
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:164 Resp: 292698
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 43.8 38.0 57.0

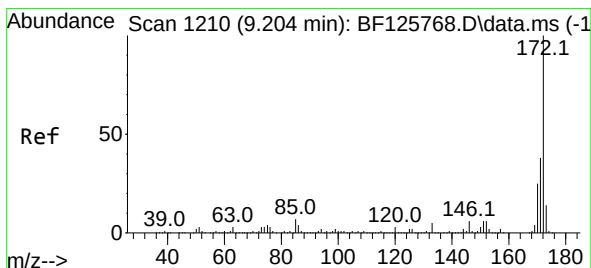
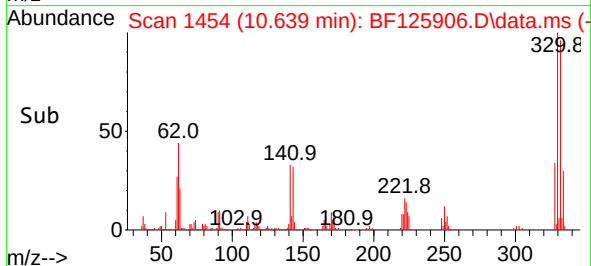
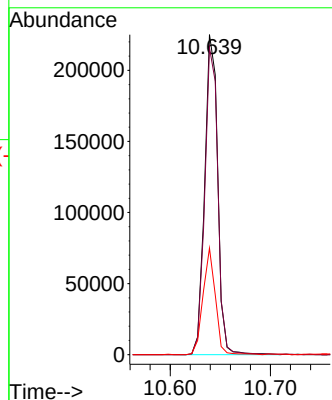
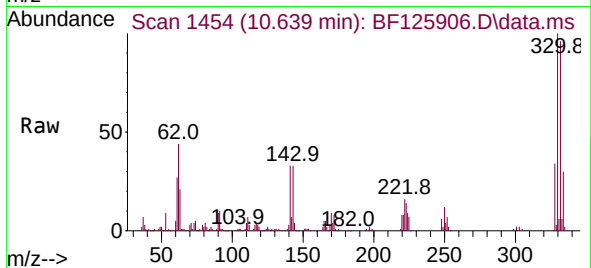




#42
2,4,6-Tribromophenol
Concen: 70.919 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

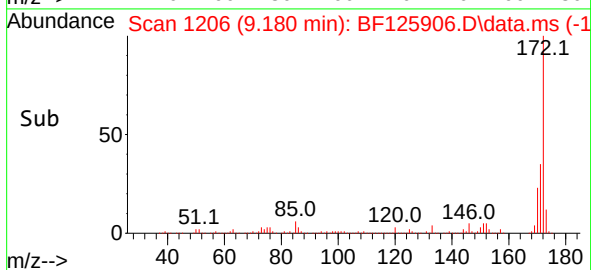
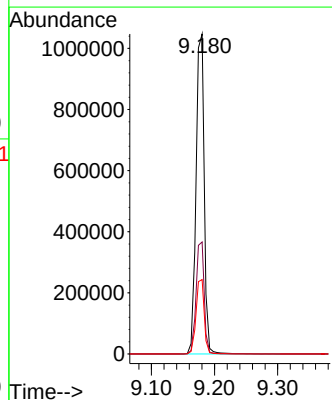
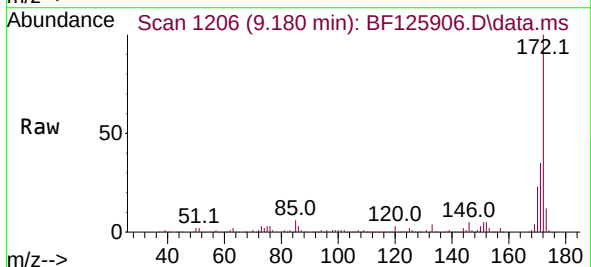
Instrument :
BNA_F
ClientSampled :
WC-2-BS

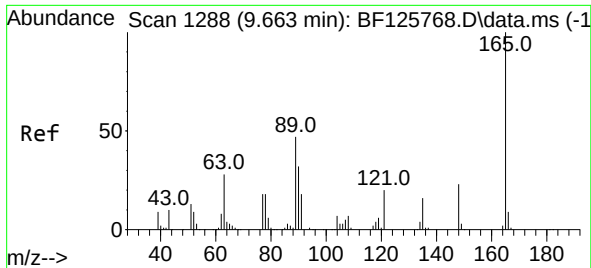
Tgt Ion:330 Resp: 204943
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.358 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:172 Resp: 939412
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2

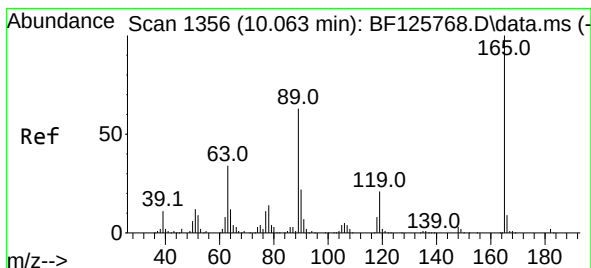
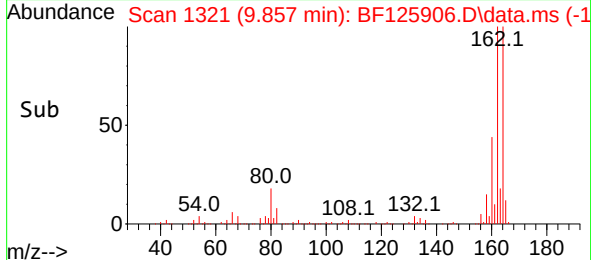
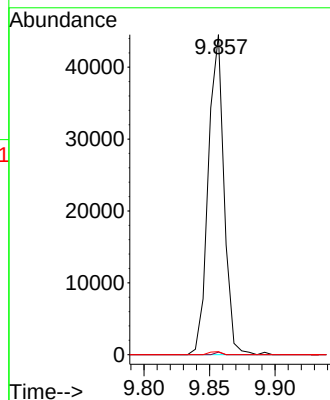
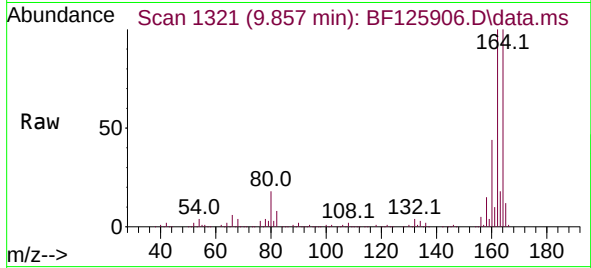




#51
2,6-Dinitrotoluene
Concen: 9.560 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.217 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

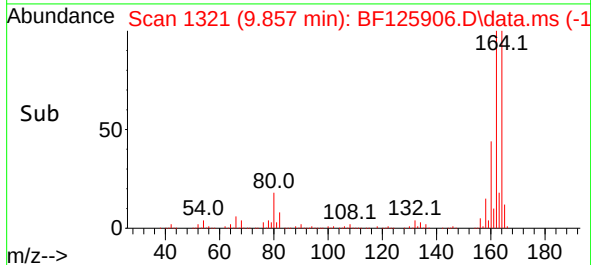
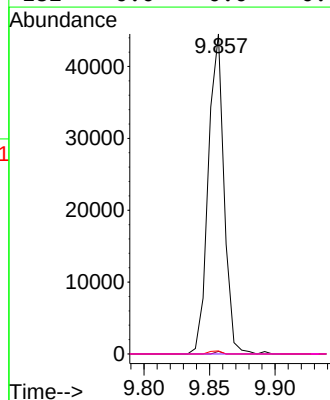
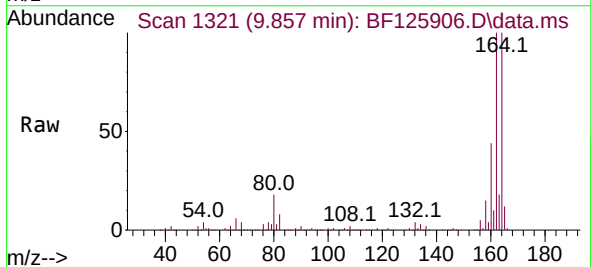
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

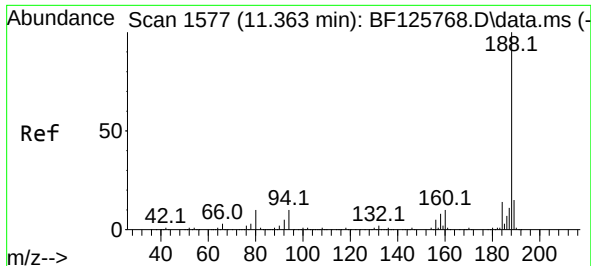
Tgt Ion:165 Resp: 37232
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.561 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:165 Resp: 37232
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

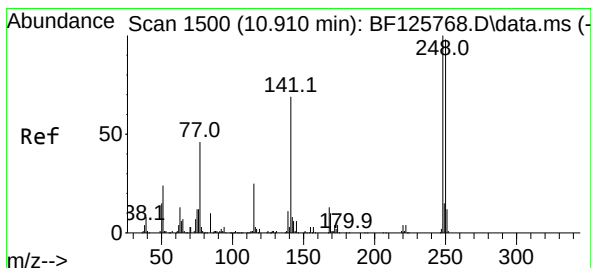
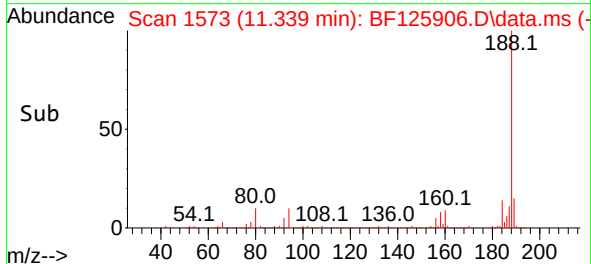
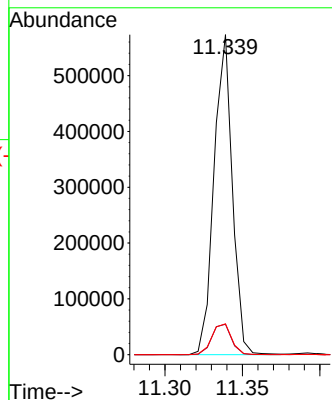
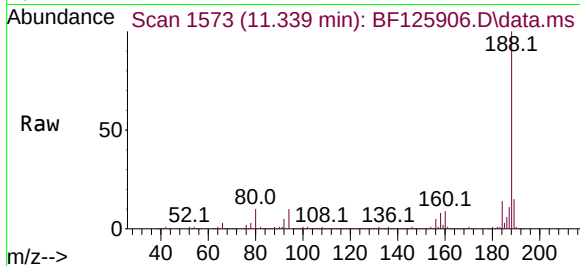




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

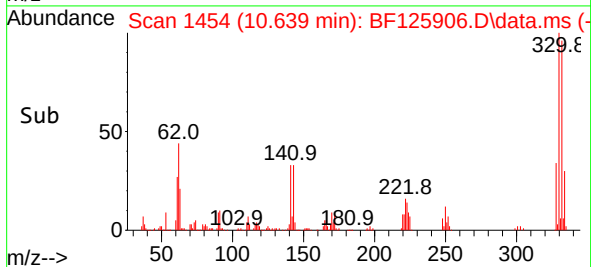
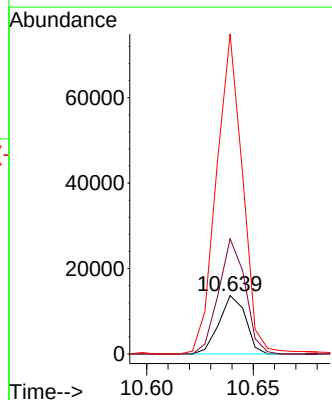
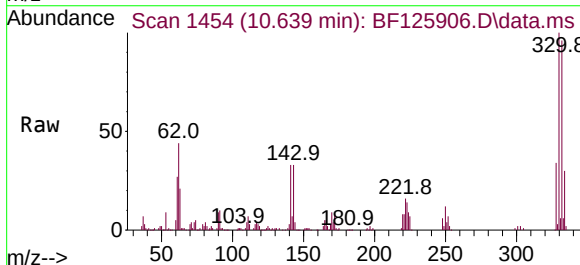
Instrument :
BNA_F
ClientSampled :
WC-2-BS

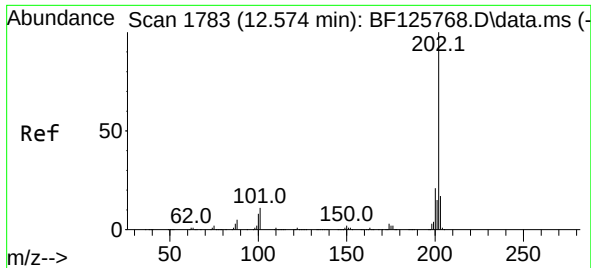
Tgt Ion:188 Resp: 470030
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.271 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:248 Resp: 11823
Ion Ratio Lower Upper
248 100
250 197.2 74.2 111.4#
141 547.3 60.4 90.6#

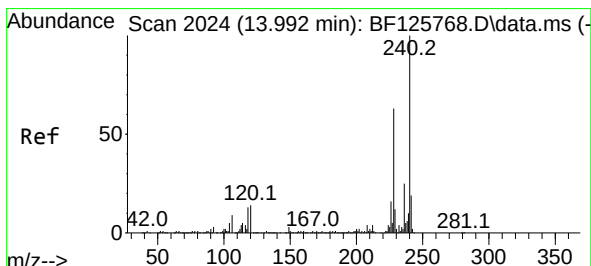
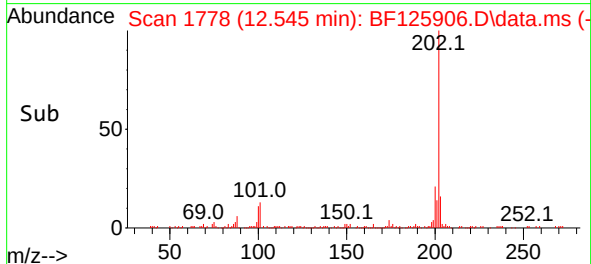
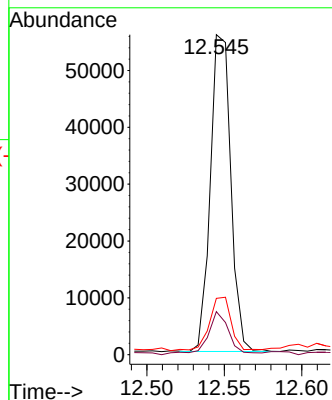
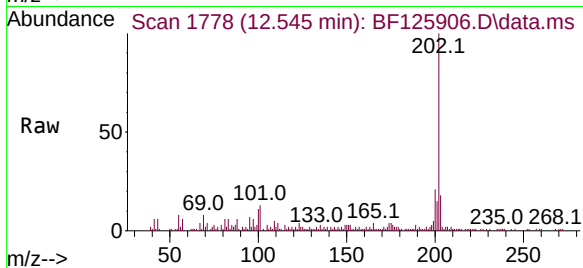




#75
Fluoranthene
Concen: 2.253 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

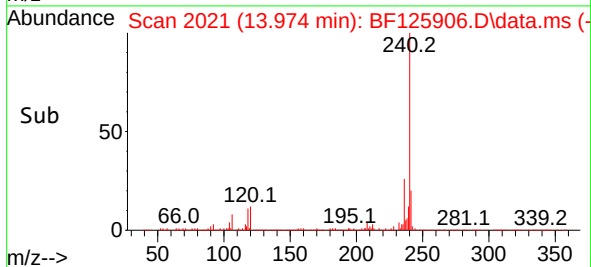
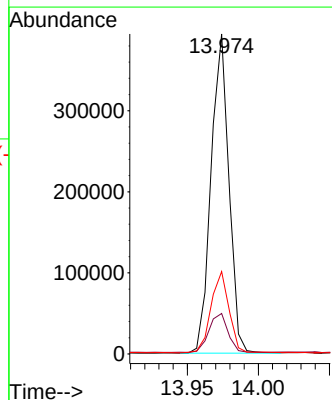
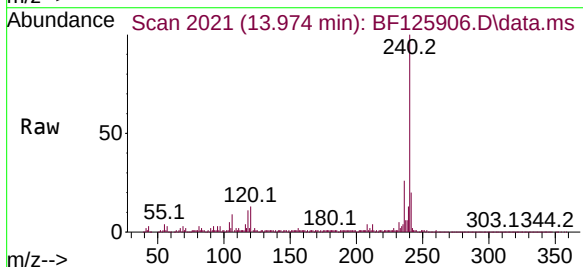
Instrument :
BNA_F
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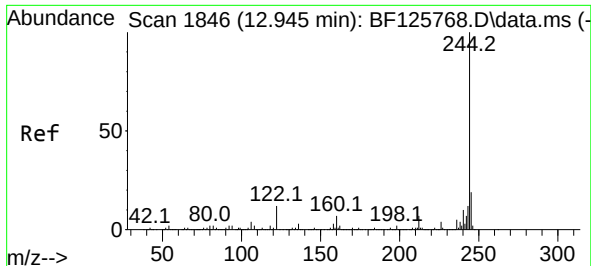
Tgt Ion:	202	Resp:	51127
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	30.7
203	17.6	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:	240	Resp:	343396
Ion Ratio	Lower	Upper	
240	100		
120	12.6	10.8	16.2
236	25.8	21.6	32.4

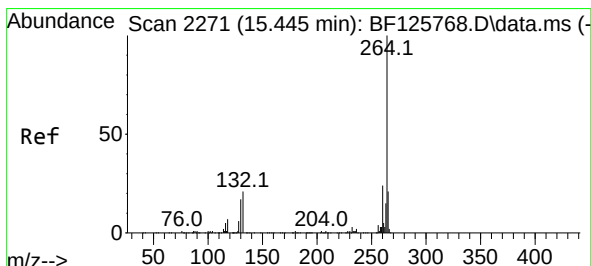
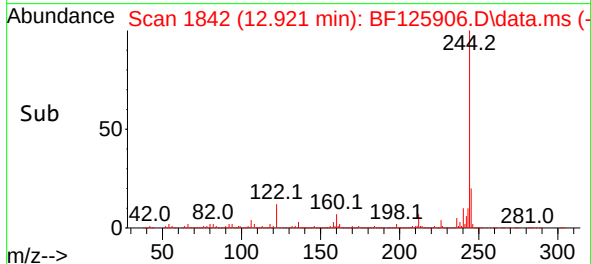
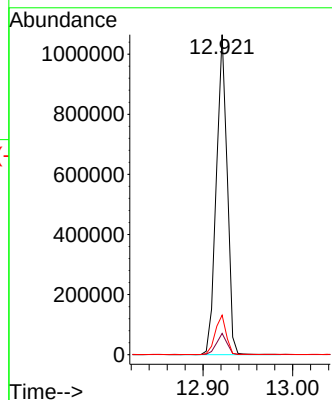
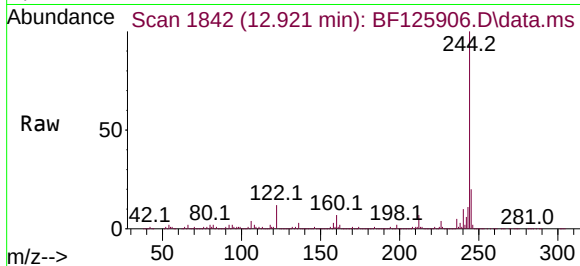




#79
Terphenyl-d14
Concen: 39.548 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

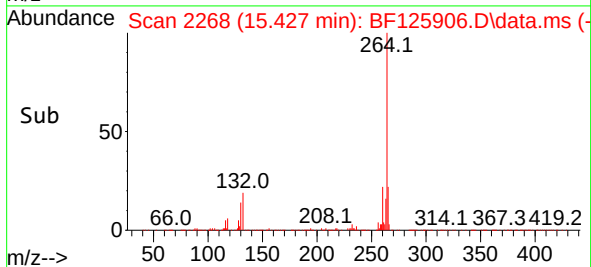
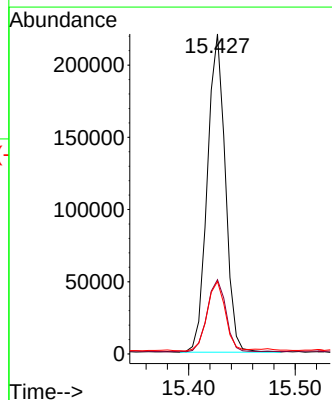
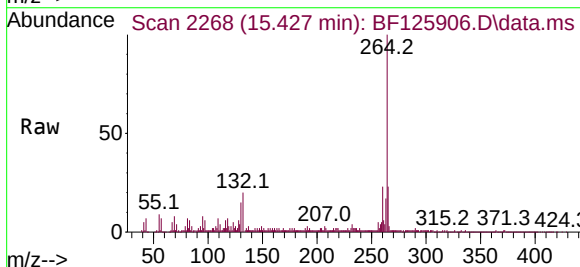
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

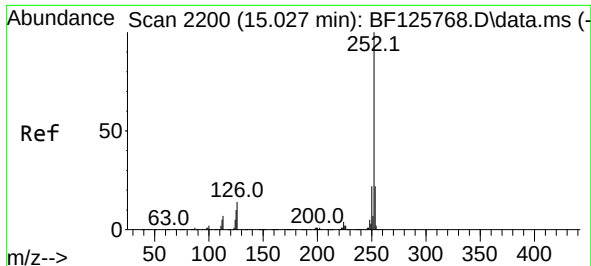
Tgt Ion:244 Resp: 891555
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:264 Resp: 258908
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 22.6 17.2 25.8

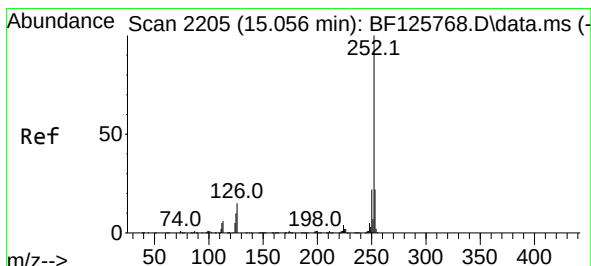
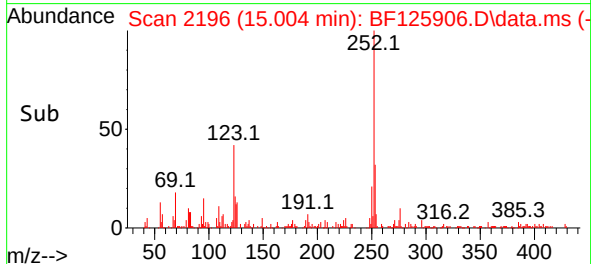
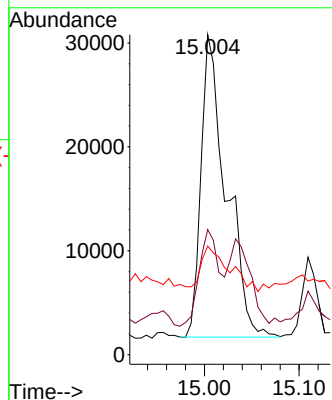
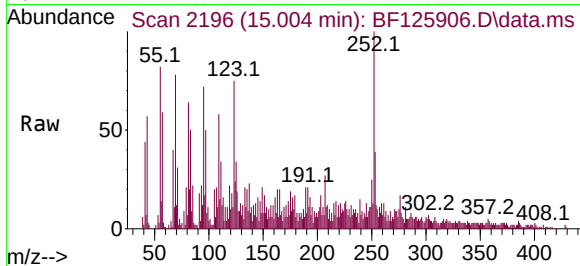




#88
Benzo(b)fluoranthene
Concen: 3.687 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

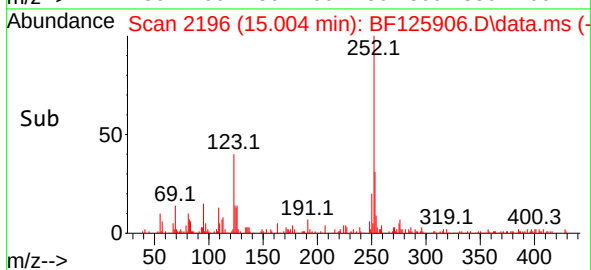
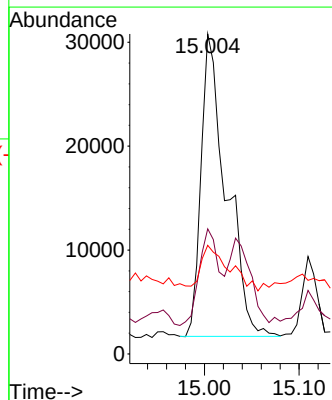
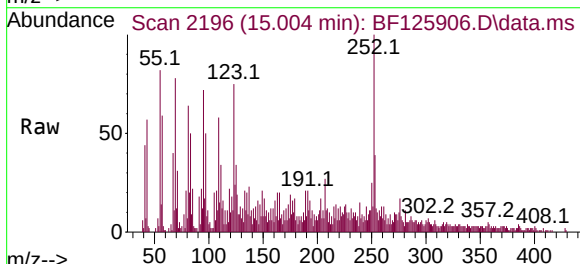
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

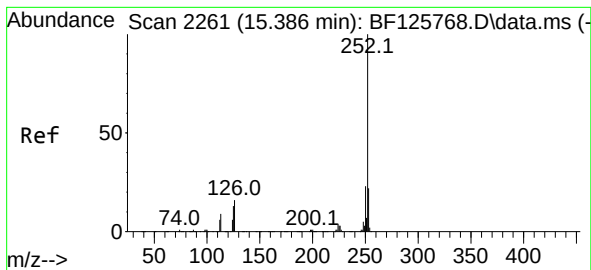
Tgt Ion:252 Resp: 53895
Ion Ratio Lower Upper
252 100
253 39.1 16.8 25.2#
125 34.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.591 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.024 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:252 Resp: 53895
Ion Ratio Lower Upper
252 100
253 39.1 17.8 26.8#
125 34.0 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.278 ng

RT: 15.362 min Scan# 2257

Delta R.T. -0.000 min

Lab File: BF125906.D

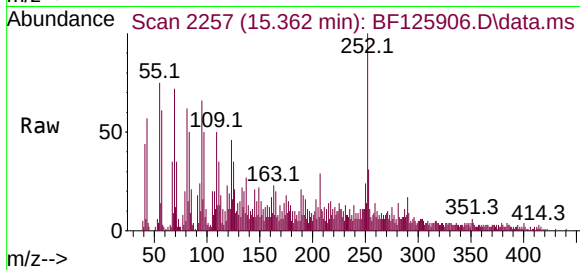
Acq: 19 Oct 2021 18:27

Instrument :

BNA_F

ClientSampleId :

WC-2-BS



Tgt Ion:252 Resp: 29485

Ion Ratio Lower Upper

252 100

253 30.7 18.4 27.6#

125 34.9 9.9 14.9#

