

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125888.D
 Acq On : 18 Oct 2021 20:58
 Operator : JU/CG
 Sample : M4259-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-AS

Quant Time: Oct 19 09:08:55 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)

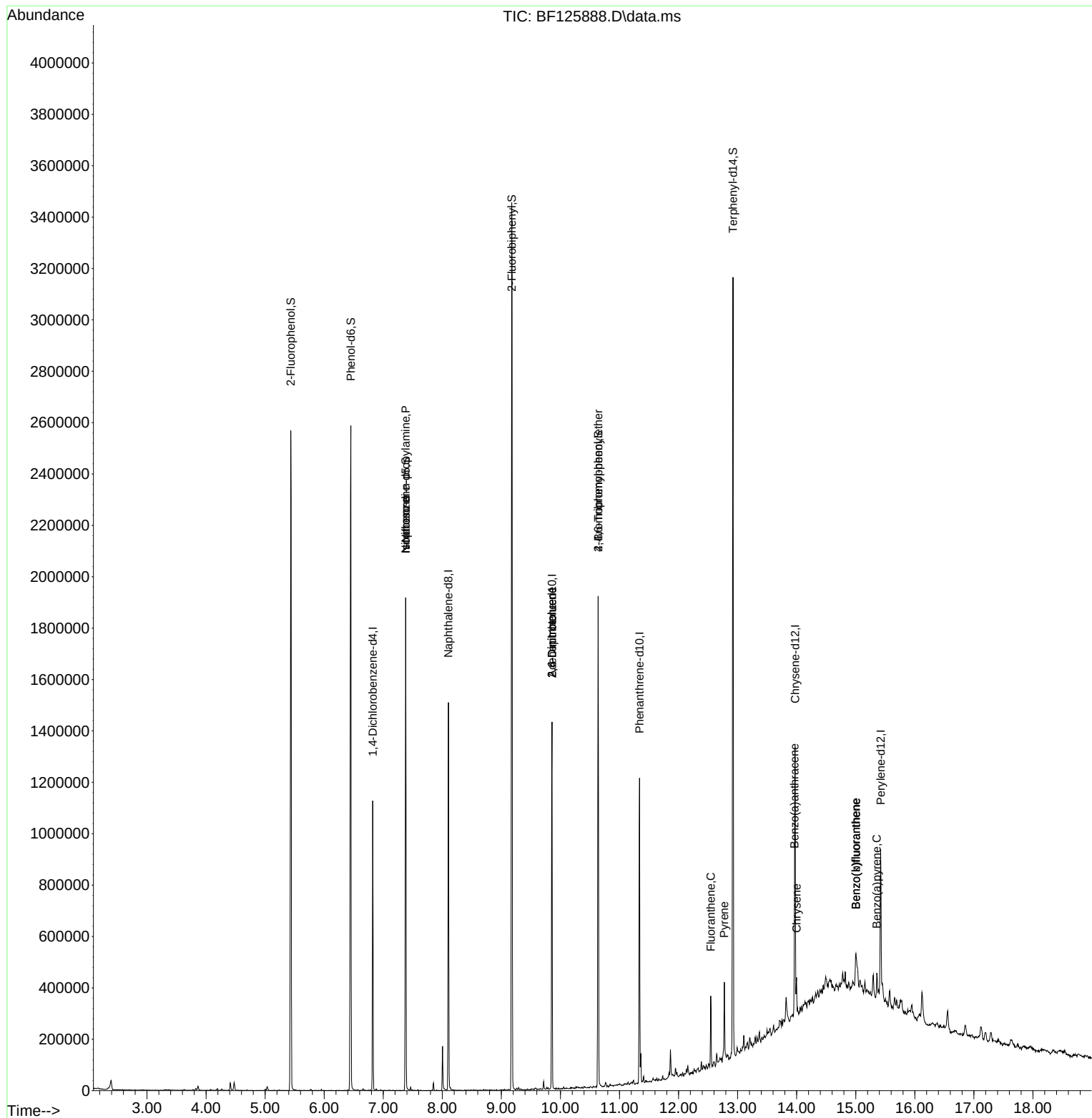
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	155740	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	620616	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	287385	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	418542	20.000	ng	0.00
76) Chrysene-d12	13.974	240	359706	20.000	ng	0.00
86) Perylene-d12	15.421	264	241707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	831024	87.170	ng	0.00
7) Phenol-d6	6.451	99	1008535	82.177	ng	0.00
23) Nitrobenzene-d5	7.381	82	587156	58.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	218682	77.072	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1138877	68.353	ng	0.00
79) Terphenyl-d14	12.921	244	959266	40.622	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	72370	11.171	ng	# 51
25) Isophorone	7.381	82	585323	33.091	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	37640	9.843	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	37640	7.785	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	12532	2.704	ng	# 1
75) Fluoranthene	12.545	202	107253	5.308	ng	97
78) Pyrene	12.774	202	112522	3.079	ng	97
81) Benzo(a)anthracene	13.963	228	56318	2.413	ng	# 86
83) Chrysene	13.998	228	60329	2.615	ng	# 96
88) Benzo(b)fluoranthene	15.004	252	87863	6.439	ng	# 86
89) Benzo(k)fluoranthene	15.004	252	87863	6.271	ng	# 84
90) Benzo(a)pyrene	15.357	252	44074	3.647	ng	# 92

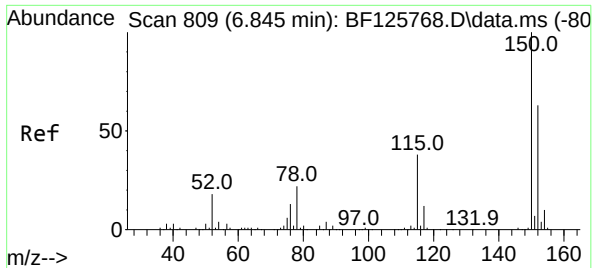
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 18 12:43:03 2021
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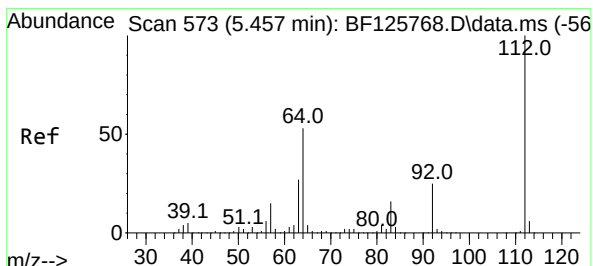
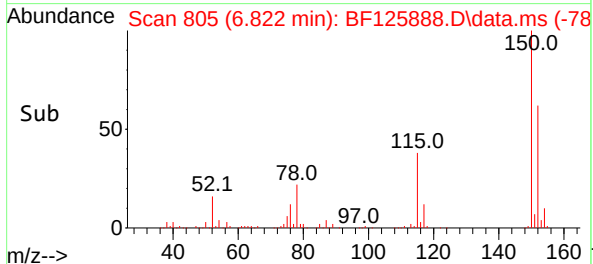
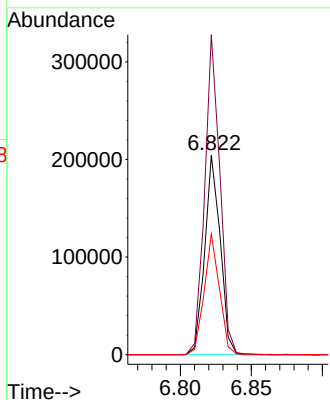
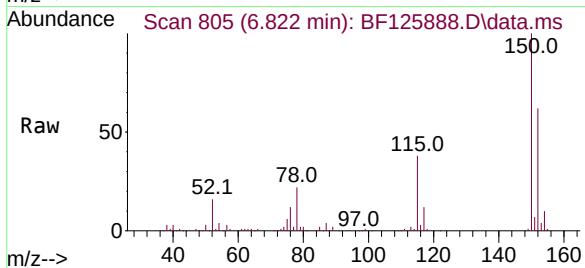




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

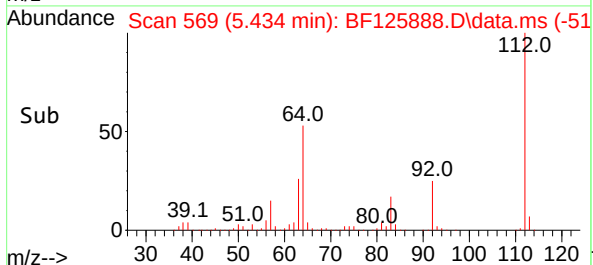
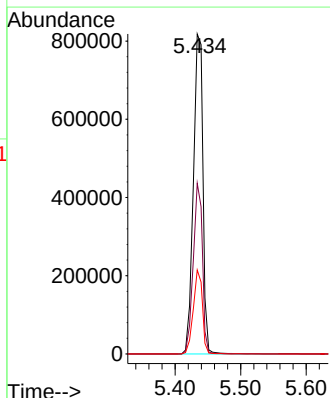
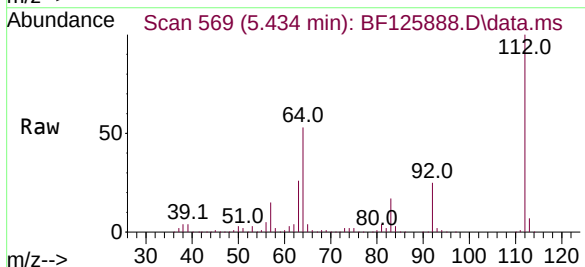
Instrument :
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WC-1-AS

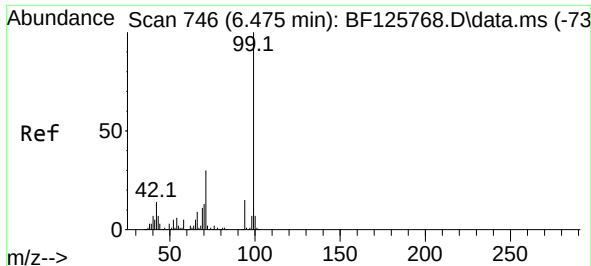
Tgt Ion:152 Resp: 155740
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 60.4 47.1 70.7



#5
2-Fluorophenol
Concen: 87.170 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:112 Resp: 831024
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 26.2 26.2 39.2

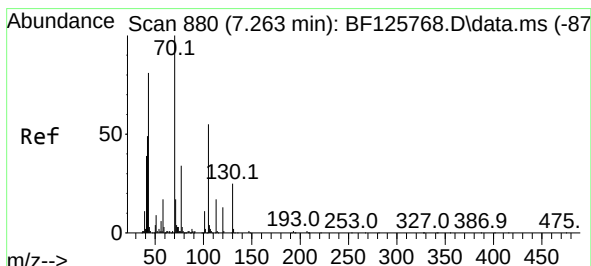
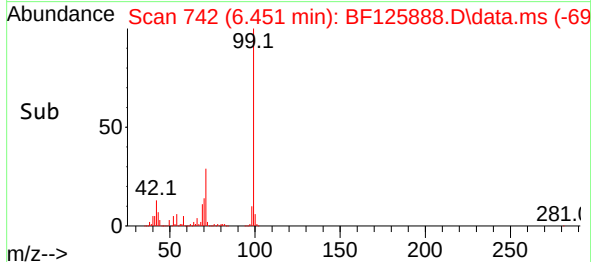
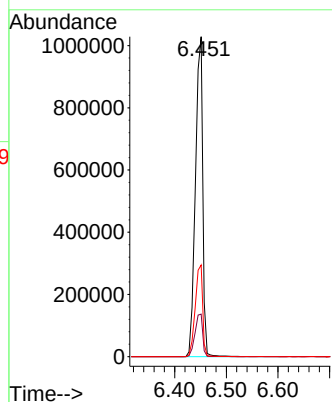
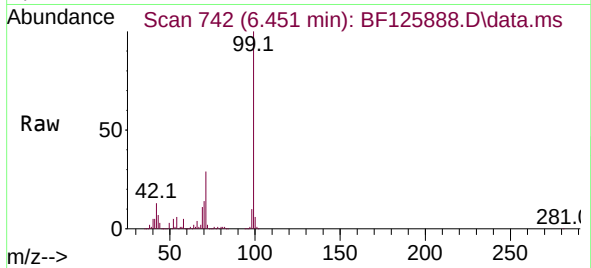




#7
Phenol-d6
Concen: 82.177 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

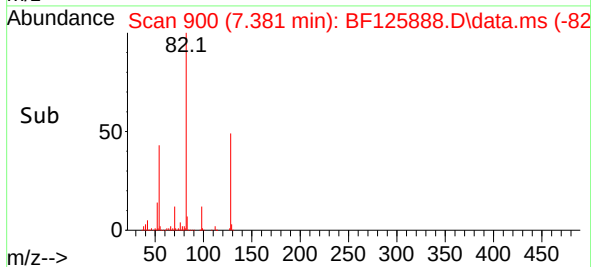
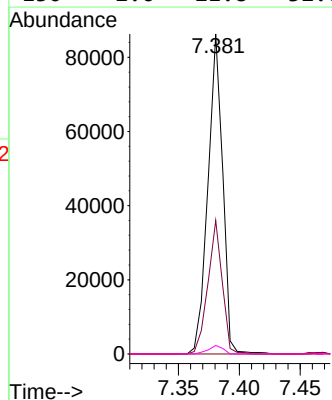
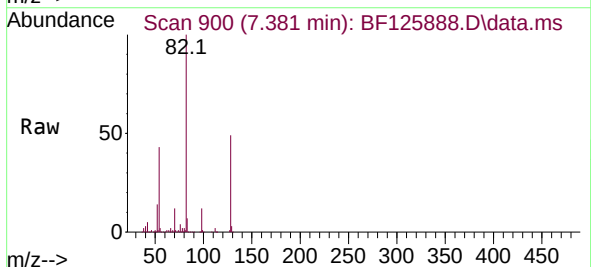
Instrument :
BNA_F
ClientSampleId :
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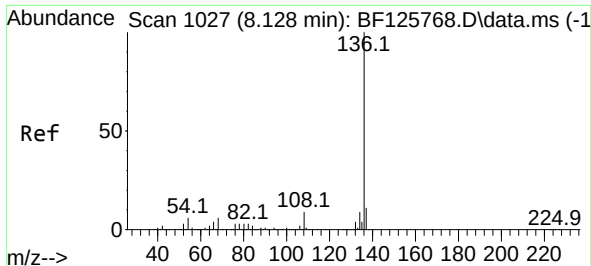
Tgt Ion: 99 Resp: 1008535
Ion Ratio Lower Upper
99 100
42 13.3 23.5 35.3#
71 28.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.171 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion: 70 Resp: 72370
Ion Ratio Lower Upper
70 100
42 41.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

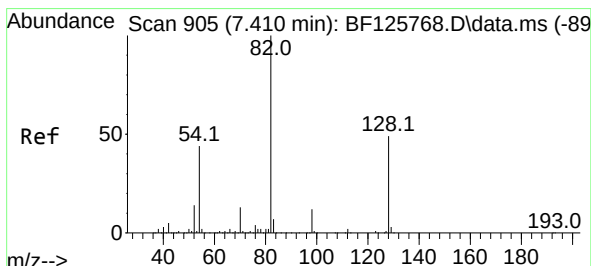
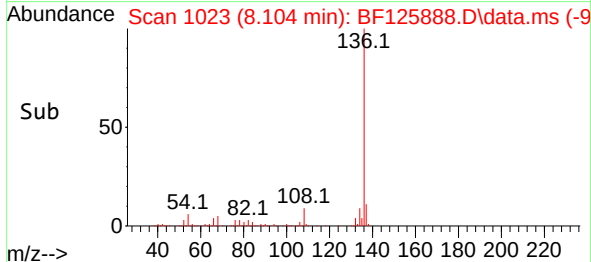
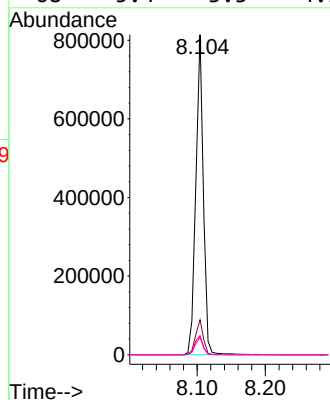
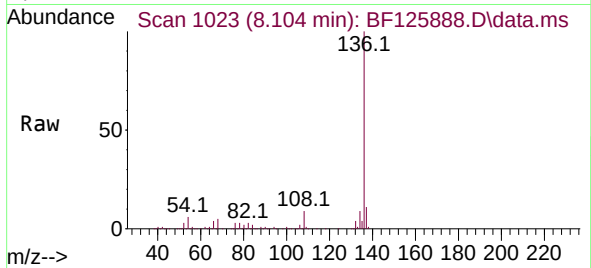




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

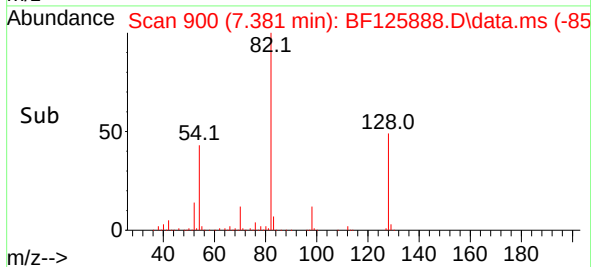
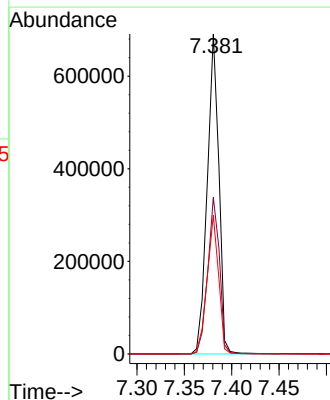
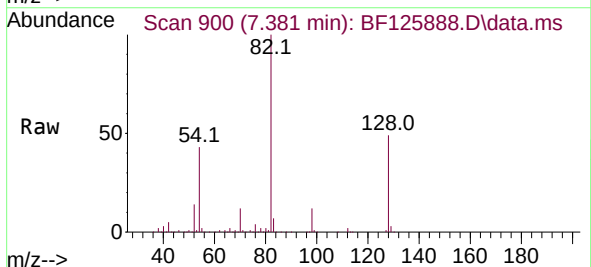
Instrument :
BNA_F
ClientSampleId :
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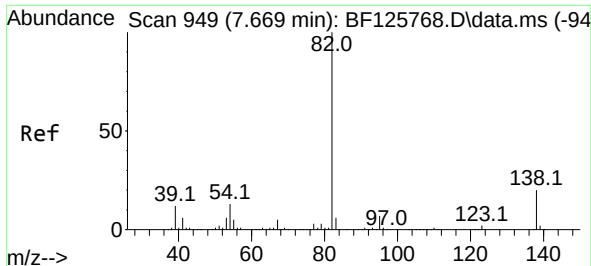
Tgt Ion:	136	Resp:	620616
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	5.9	6.4	9.6#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.809 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:	82	Resp:	587156
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	43.4	49.6	74.4#

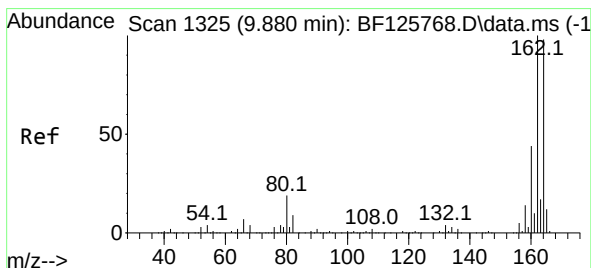
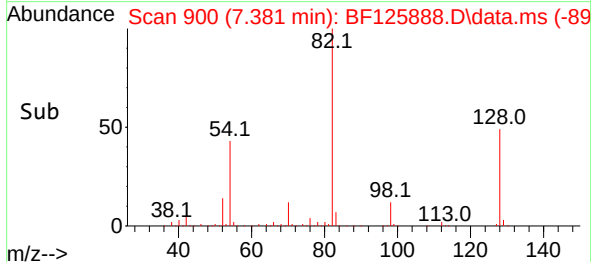
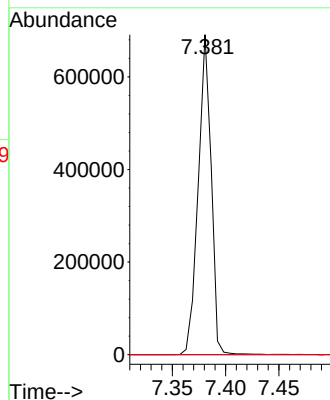
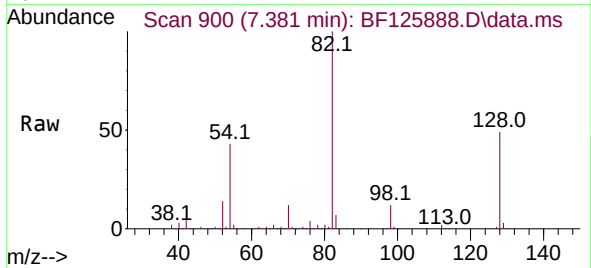




#25
Isophorone
Concen: 33.091 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

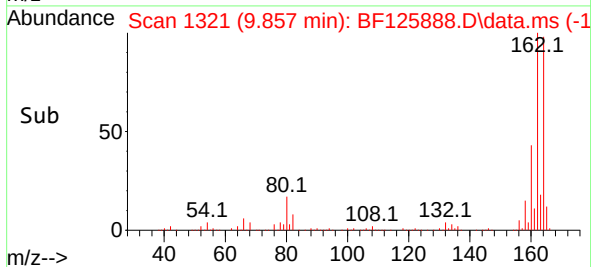
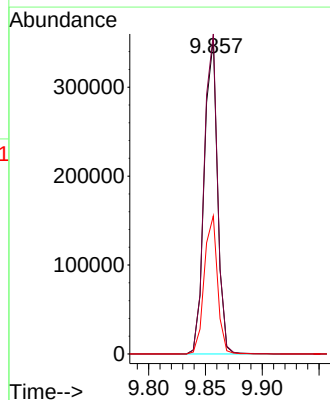
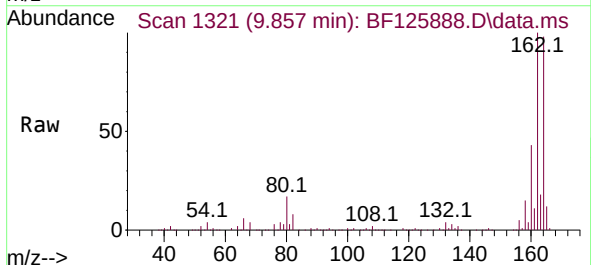
Instrument :
BNA_F
ClientSampleId :
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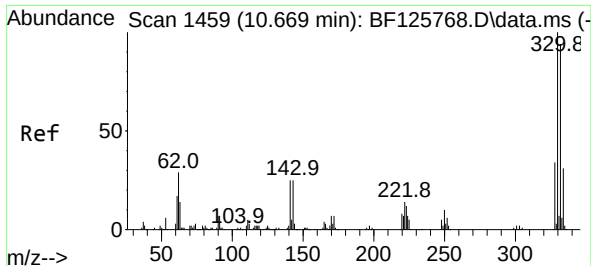
Tgt Ion: 82 Resp: 585323
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion: 164 Resp: 287385
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 43.9 38.0 57.0

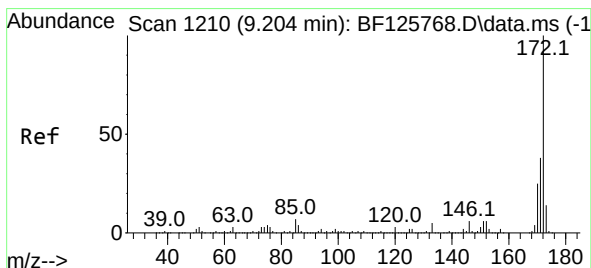
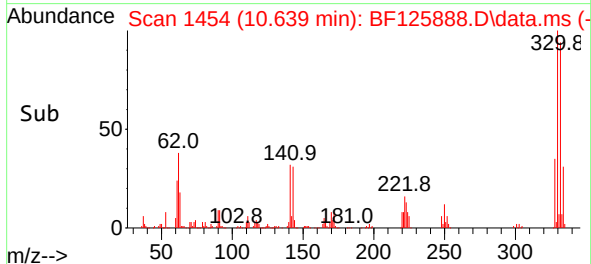
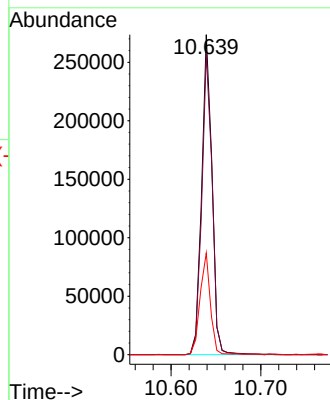
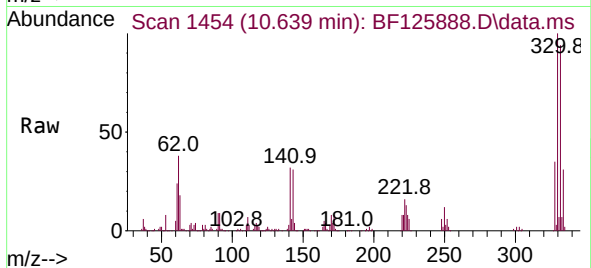




#42
2,4,6-Tribromophenol
Concen: 77.072 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

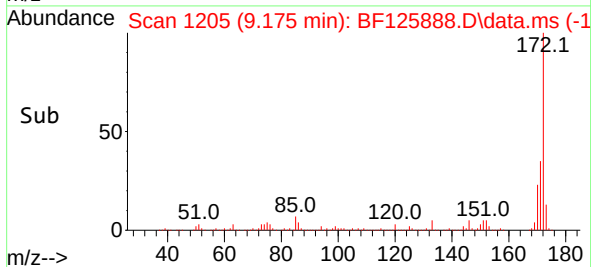
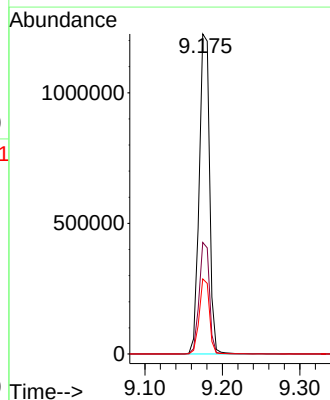
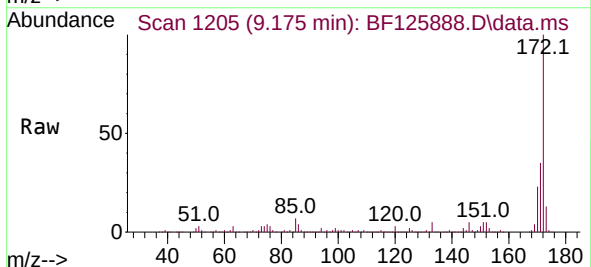
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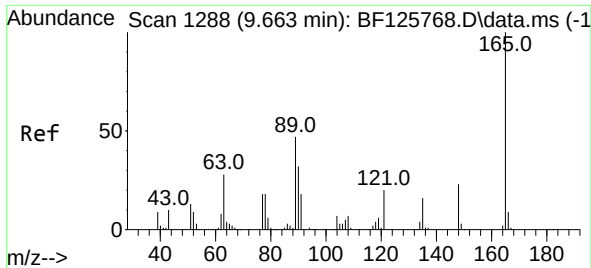
Tgt Ion: 330 Resp: 218682
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 32.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.353 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion: 172 Resp: 1138877
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.5 18.8 28.2

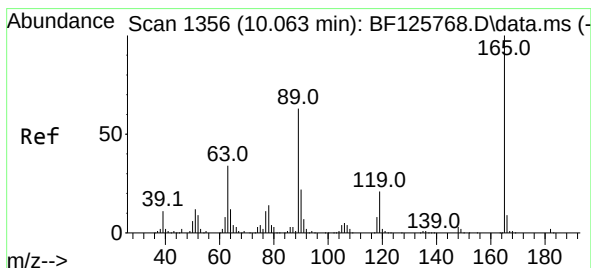
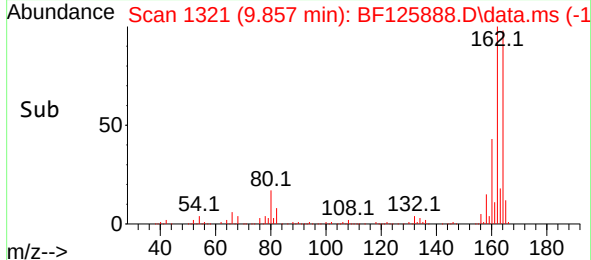
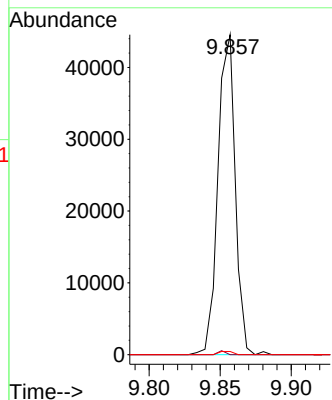
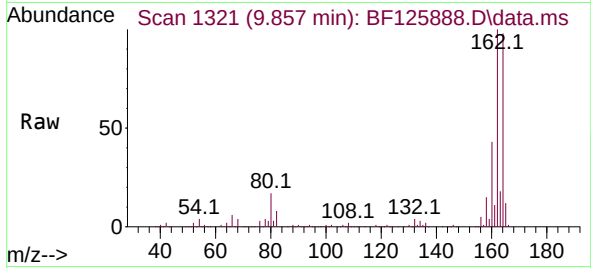




#51
2,6-Dinitrotoluene
Concen: 9.843 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

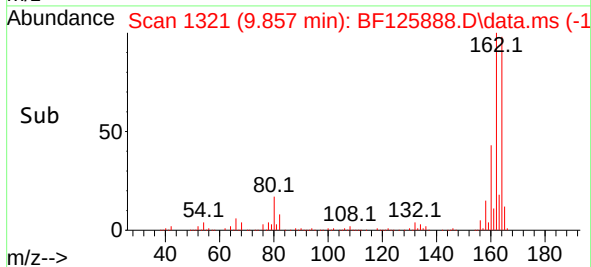
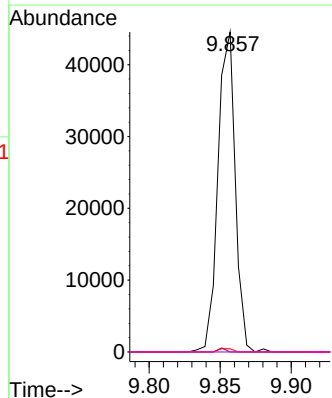
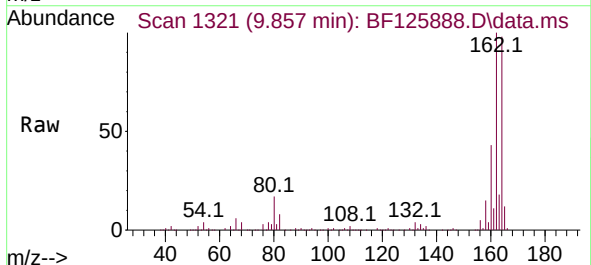
Instrument :
BNA_F
ClientSampled :
WC-1-AS

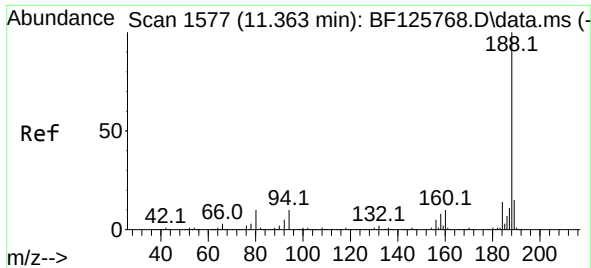
Tgt Ion:165 Resp: 37640
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.785 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:165 Resp: 37640
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

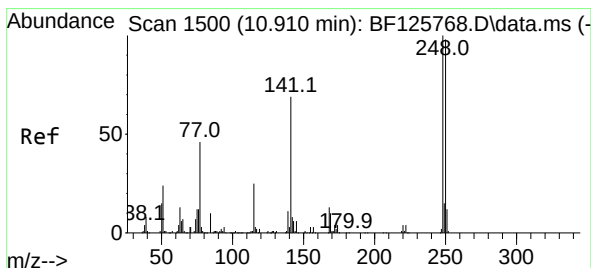
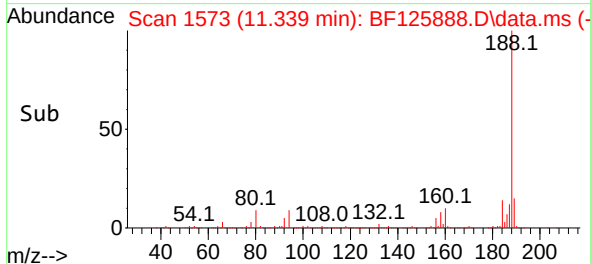
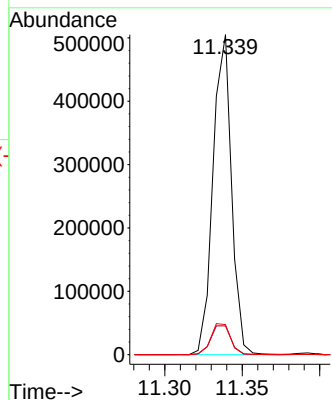
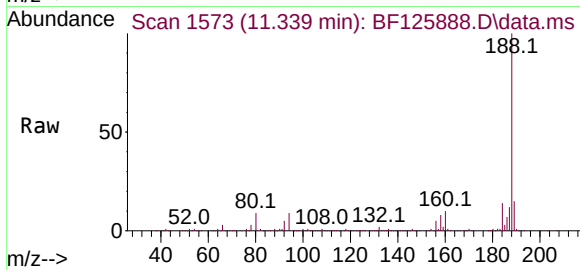




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

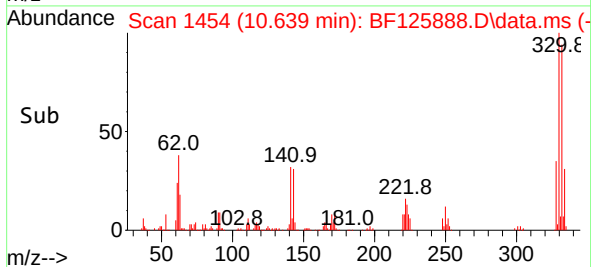
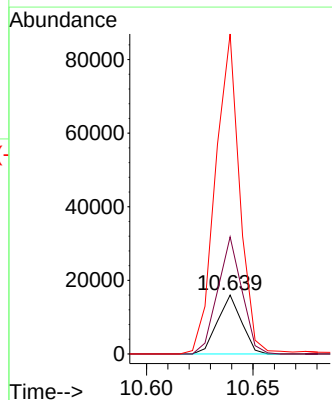
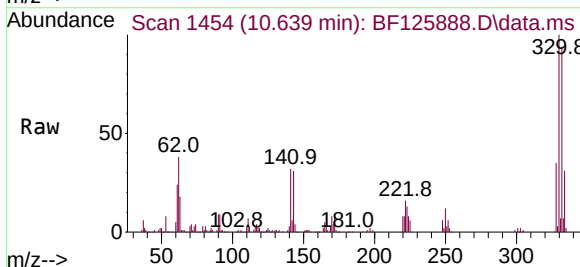
Instrument :
BNA_F
ClientSampled :
WC-1-AS

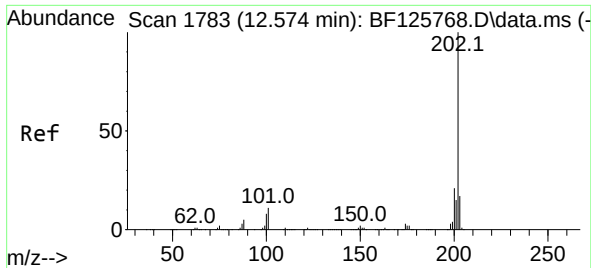
Tgt Ion:188 Resp: 418542
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:248 Resp: 12532
Ion Ratio Lower Upper
248 100
250 198.7 74.2 111.4#
141 542.8 60.4 90.6#

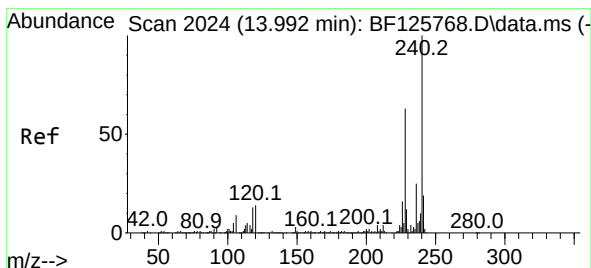
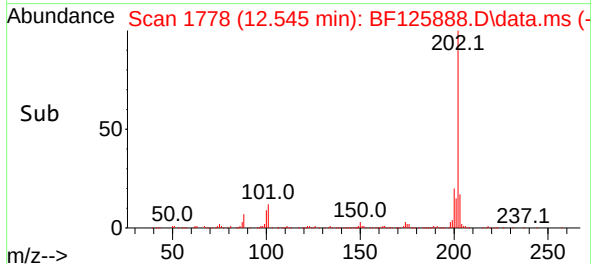
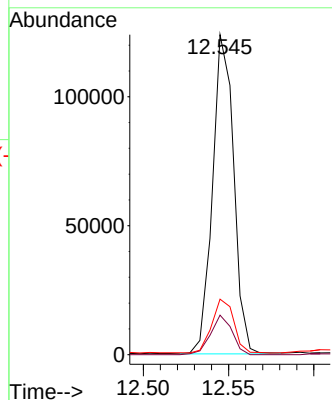
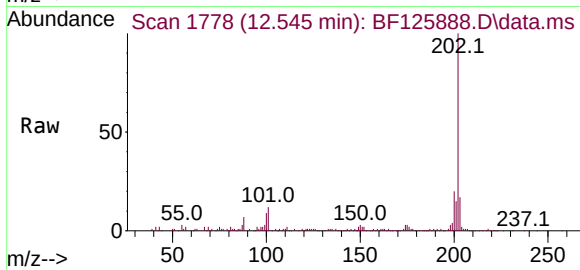




#75
Fluoranthene
Concen: 5.308 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

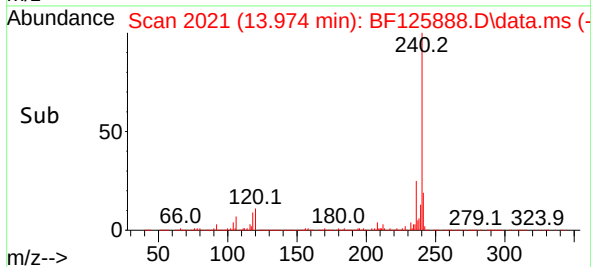
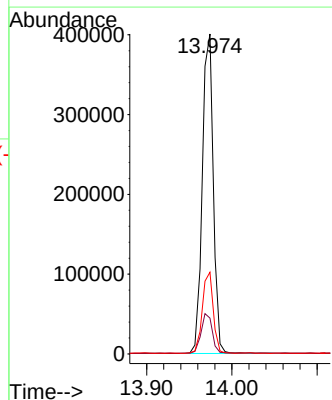
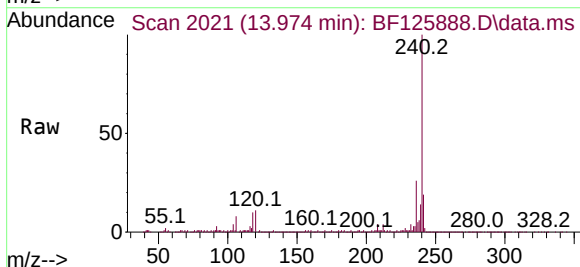
Instrument :
BNA_F
ClientSampleId :
WC-1-AS

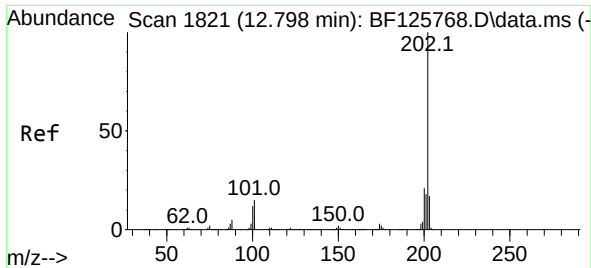
Tgt Ion:	202	Resp:	107253
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	30.7
203	17.4	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:	240	Resp:	359706
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.8	16.2
236	25.6	21.6	32.4

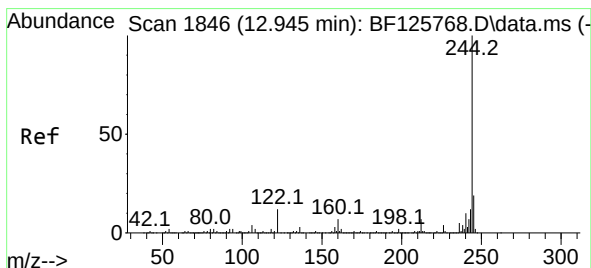
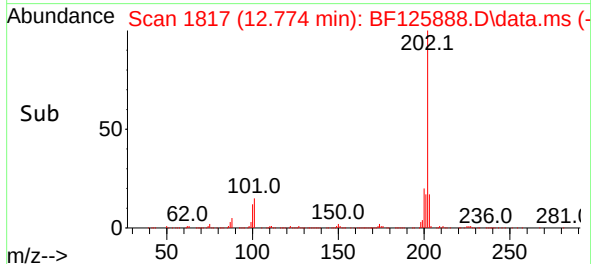
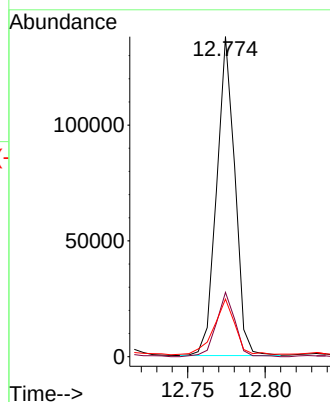
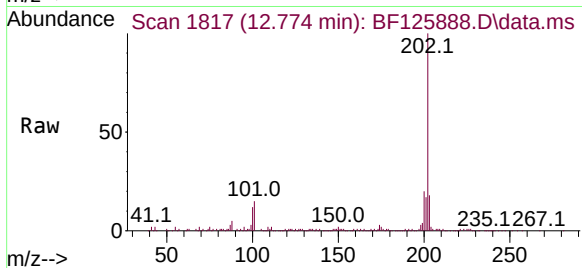




#78
Pyrene
Concen: 3.079 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

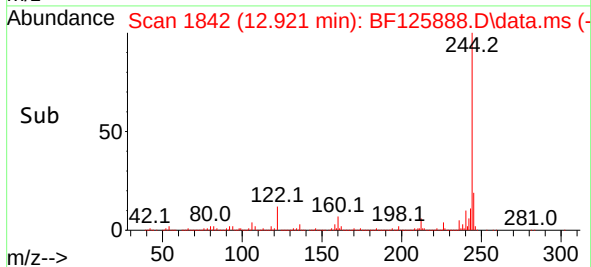
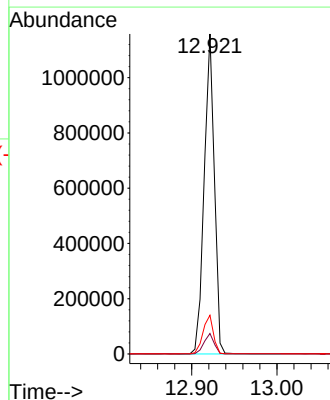
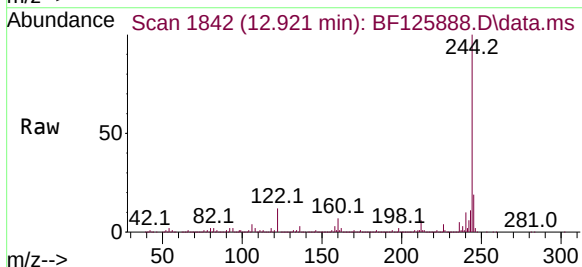
Instrument :
BNA_F
ClientSampleId :
WC-1-AS

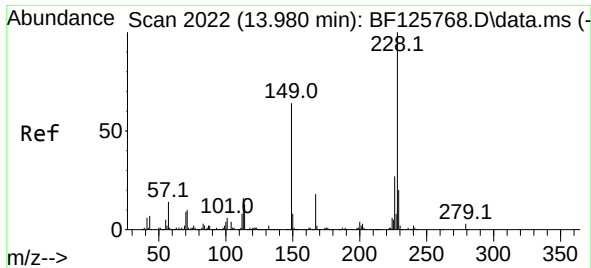
Tgt Ion:202	Resp:	112522
Ion Ratio	Lower	Upper
202	100	
200	20.1	15.3 22.9
203	18.0	13.4 20.0



#79
Terphenyl-d14
Concen: 40.622 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:244	Resp:	959266
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.9 8.9
122	12.1	9.0 13.4

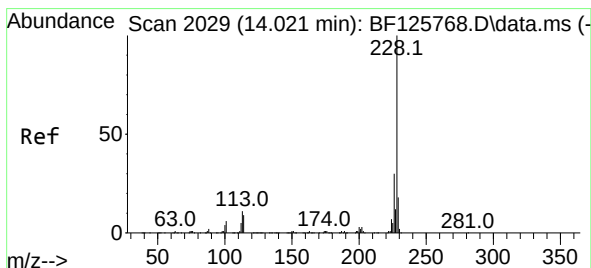
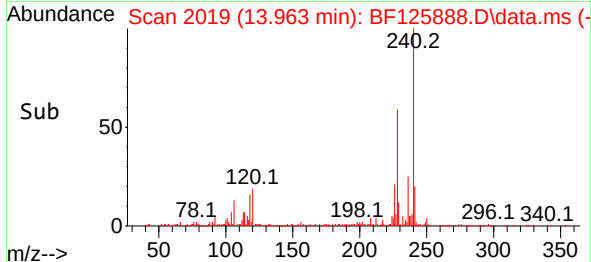
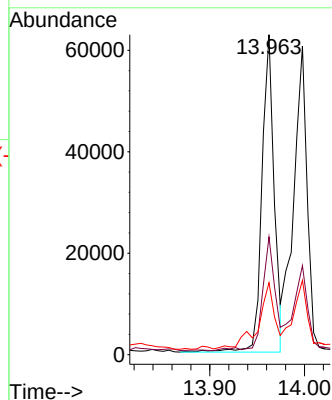
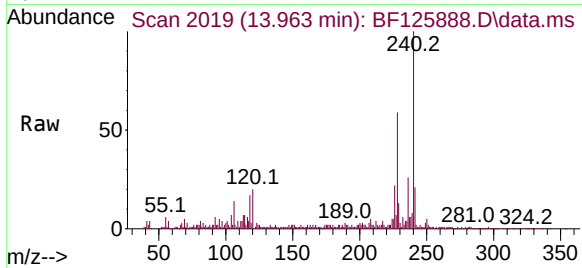




#81
Benzo(a)anthracene
Concen: 2.413 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

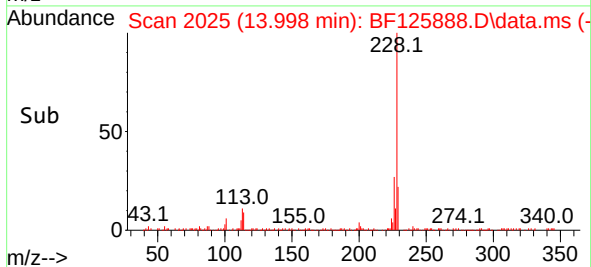
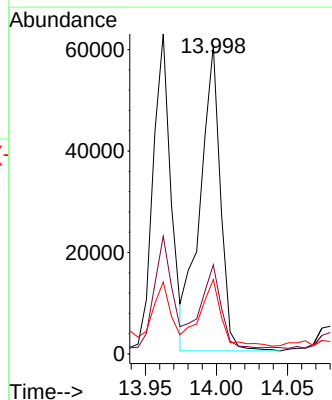
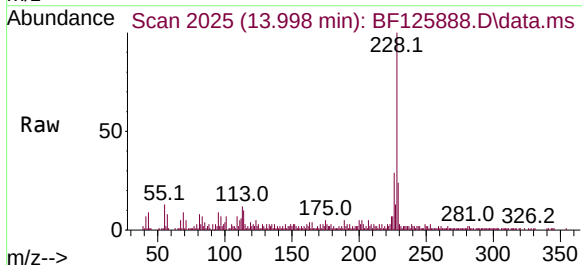
Instrument :
BNA_F
ClientSampled :
WC-1-AS

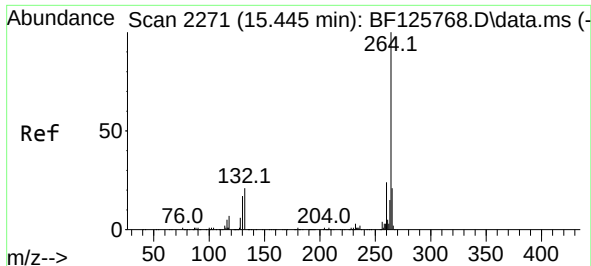
Tgt Ion:228 Resp: 56318
Ion Ratio Lower Upper
228 100
226 36.8 21.6 32.4#
229 22.5 15.6 23.4



#83
Chrysene
Concen: 2.615 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:228 Resp: 60329
Ion Ratio Lower Upper
228 100
226 28.9 22.6 34.0
229 24.1 15.9 23.9#

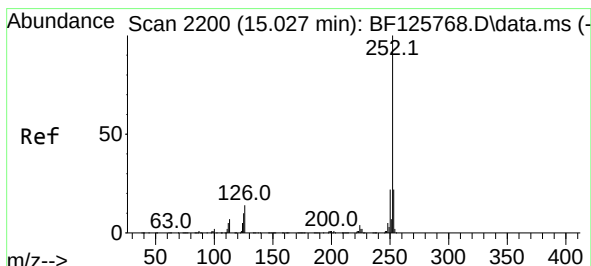
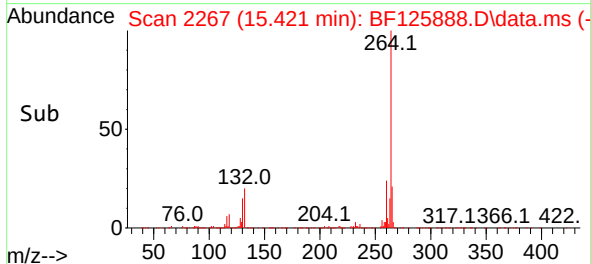
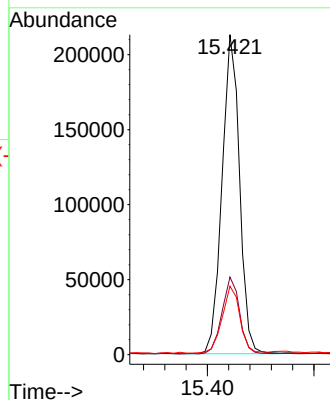
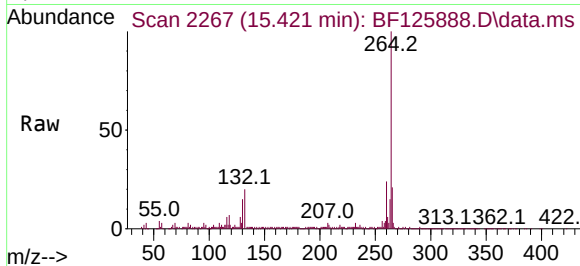




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

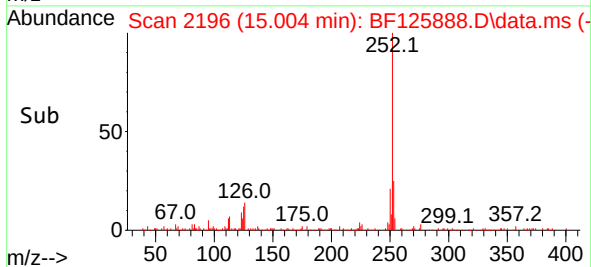
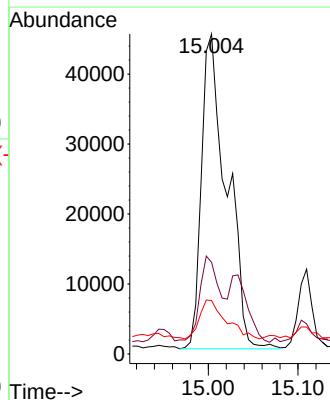
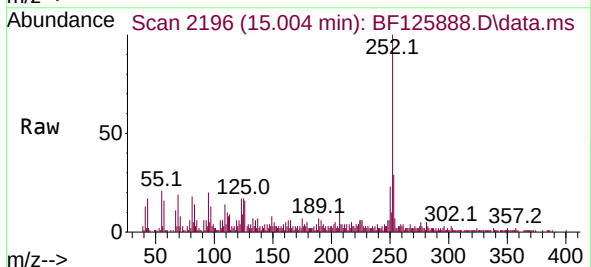
Instrument :
BNA_F
ClientSampleId :
WC-1-AS

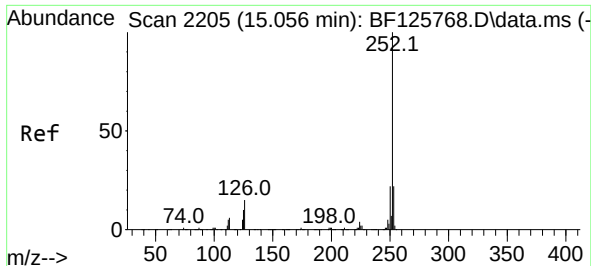
Tgt Ion:264	Resp:	241707
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.6 29.4
265	21.4	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 6.439 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF125888.D
Acq: 18 Oct 2021 20:58

Tgt Ion:252	Resp:	87863
Ion Ratio	Lower	Upper
252	100	
253	28.6	16.8 25.2#
125	16.7	9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 6.271 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.024 min

Lab File: BF125888.D

Acq: 18 Oct 2021 20:58

Tgt Ion:252 Resp: 87863

Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

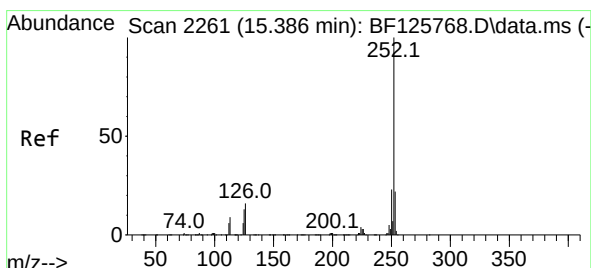
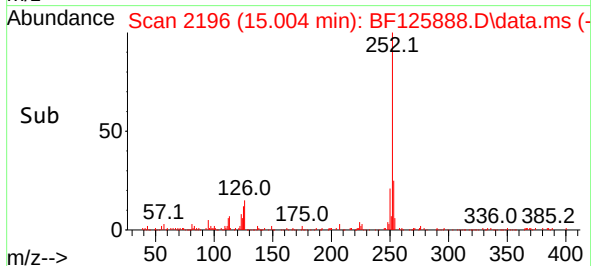
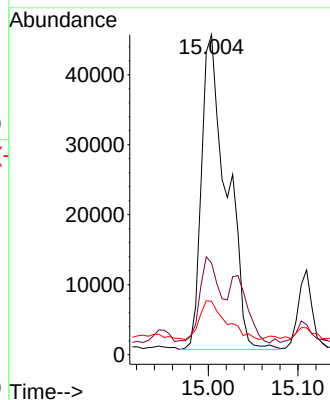
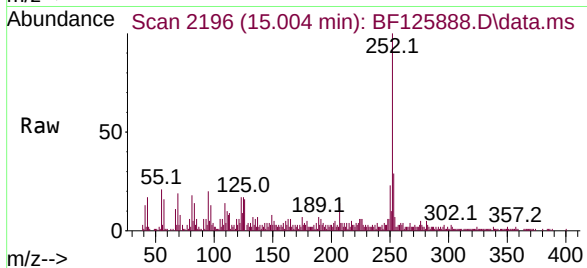
125 16.7 7.2 10.8#

Instrument :

BNA_F

ClientSampled :

WC-1-AS



#90

Benzo(a)pyrene

Concen: 3.647 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF125888.D

Acq: 18 Oct 2021 20:58

Tgt Ion:252 Resp: 44074

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

125 19.7 9.9 14.9#

