

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122612.D
 Acq On : 9 Dec 2020 14:37
 Operator : JU/CG
 Sample : L4969-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-BRANFORD-03

Quant Time: Dec 09 17:13:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

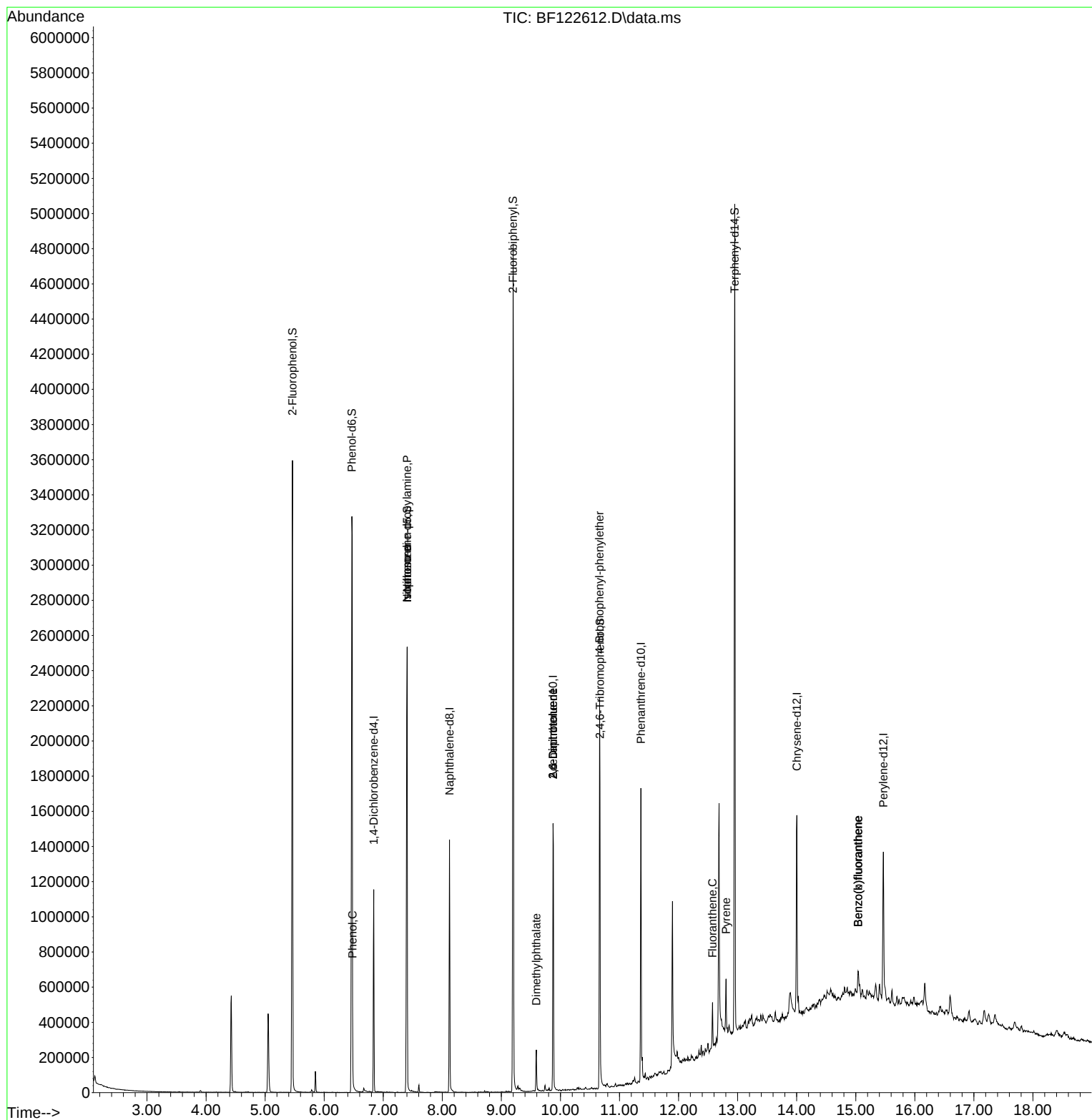
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	159961	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	624239	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	329891	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	580268	20.00	ng	0.00
76) Chrysene-d12	14.004	240	402766	20.00	ng	0.00
86) Perylene-d12	15.468	264	411751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1065891	105.49	ng	0.00
7) Phenol-d6	6.469	99	1377179	102.77	ng	-0.01
23) Nitrobenzene-d5	7.404	82	865049	69.43	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	304524	70.52	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1606032	65.85	ng	0.00
79) Terphenyl-d14	12.951	244	1546280	67.20	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	38297	2.76	ng	94
19) n-Nitroso-di-n-propyla...	7.404	70	115635	15.06	ng	# 76
25) Isophorone	7.404	82	859557	40.06	ng	# 65
50) Dimethylphthalate	9.592	163	101953	3.87	ng	100
51) 2,6-Dinitrotoluene	9.875	165	41934	7.54	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	41934	5.66	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	18737	2.38	ng	# 1
75) Fluoranthene	12.574	202	101572	2.81	ng	99
78) Pyrene	12.804	202	117325	3.77	ng	97
88) Benzo(b)fluoranthene	15.039	252	84518	2.93	ng	# 84
89) Benzo(k)fluoranthene	15.039	252	84518	3.20	ng	# 83

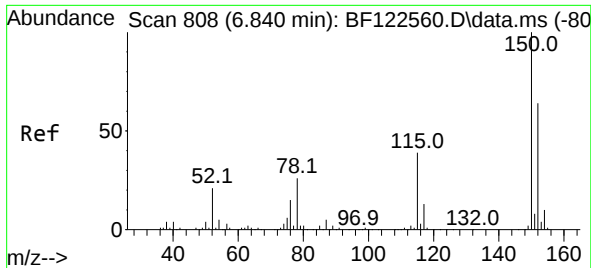
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
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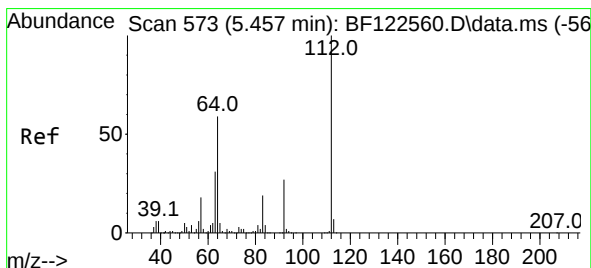
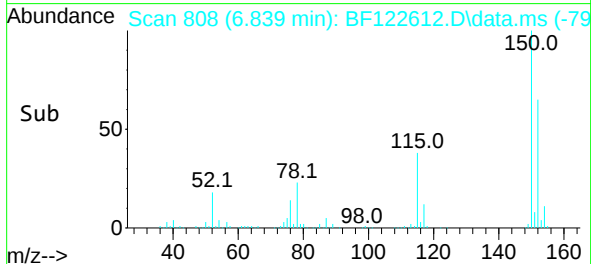
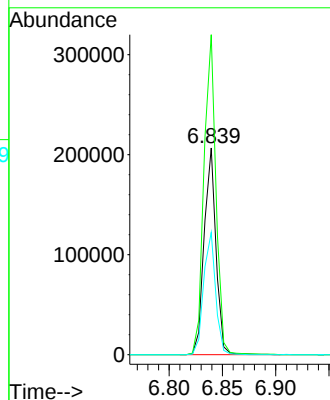
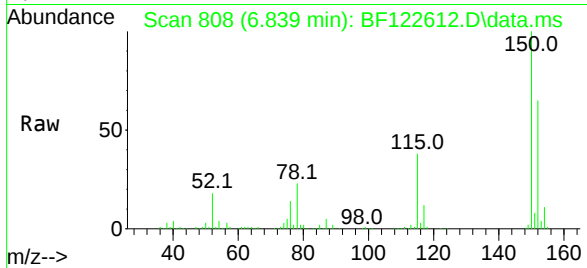




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

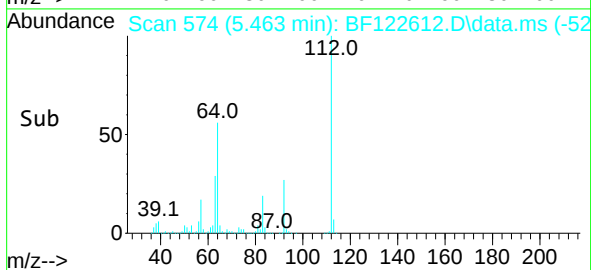
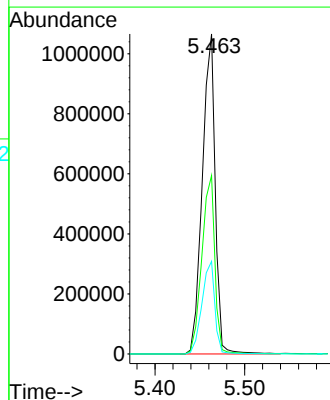
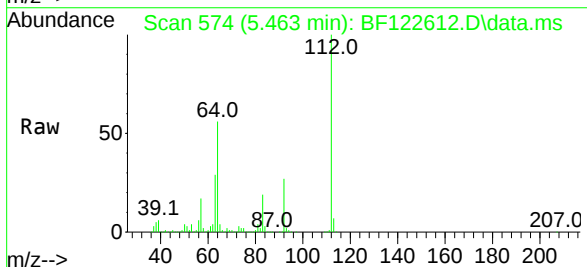
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

Tgt Ion:152 Resp: 159961
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 59.1 49.3 73.9



#5
2-Fluorophenol
Concen: 105.49 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:112 Resp: 1065891
Ion Ratio Lower Upper
112 100
64 55.7 46.9 70.3
63 28.9 24.5 36.7



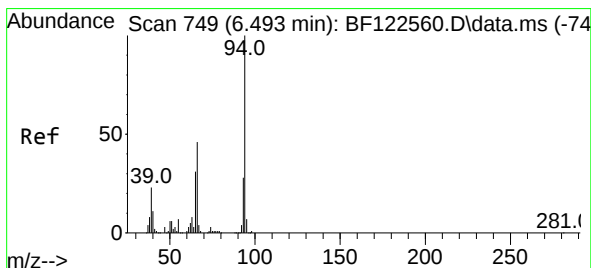
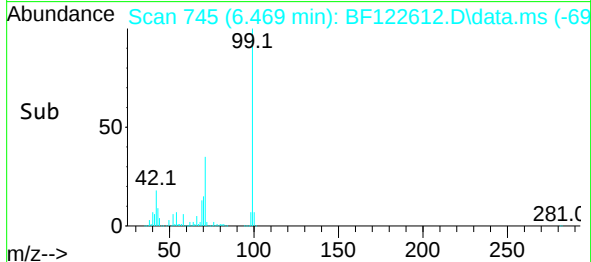
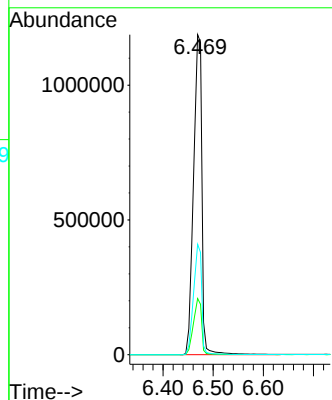
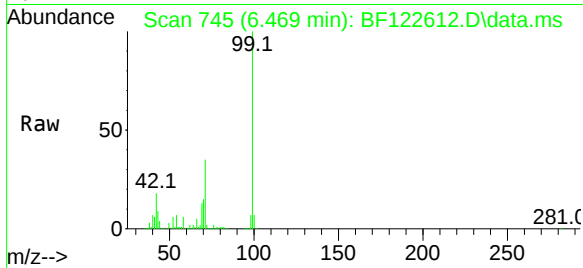


#7
Phenol-d6
Concen: 102.77 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

Tgt Ion: 99 Resp: 1377179

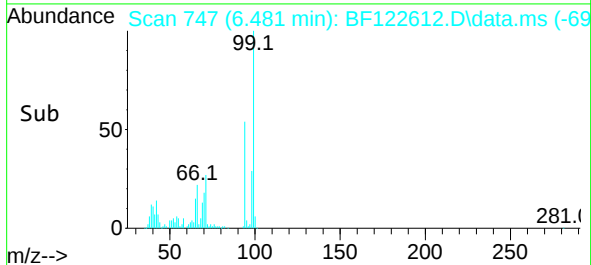
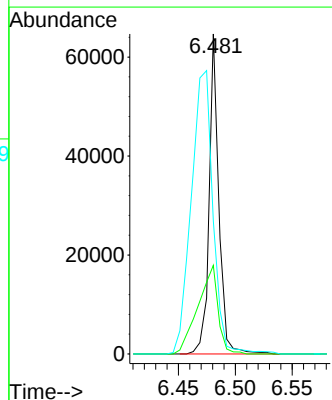
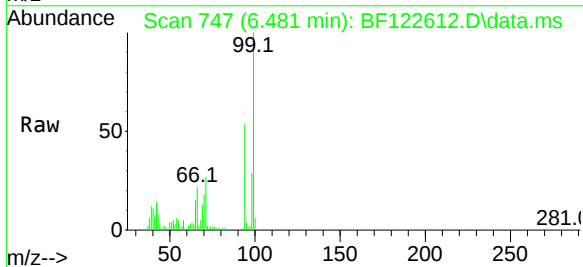
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	34.5	26.9	40.3

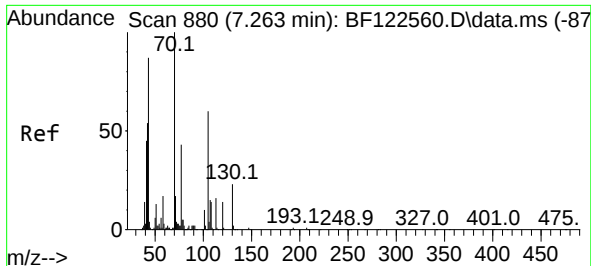


#10
Phenol
Concen: 2.76 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion: 94 Resp: 38297

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.2	51.2
66	41.6	25.8	65.8



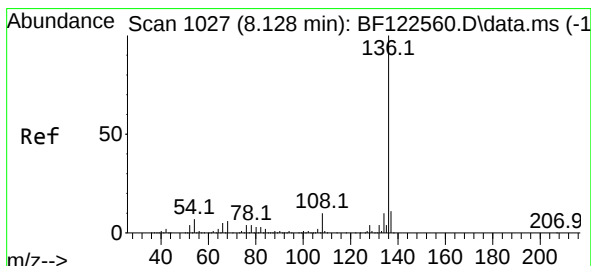
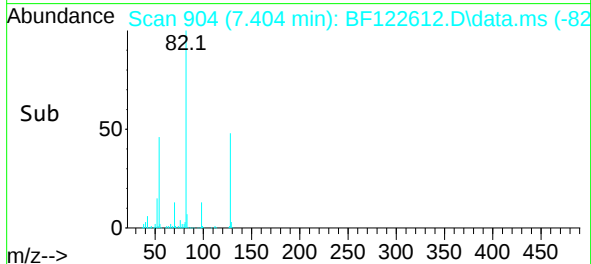
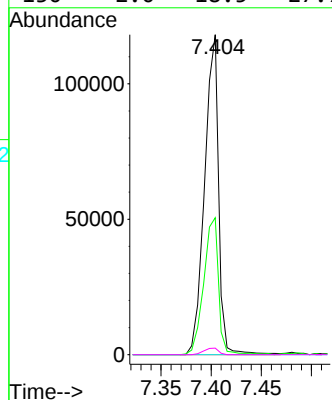
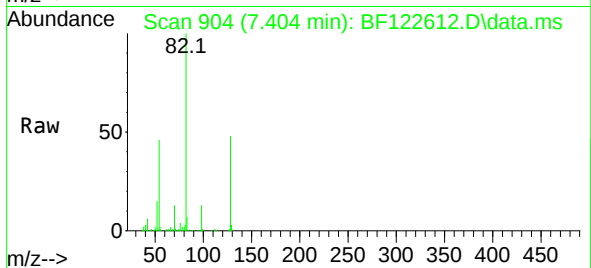


#19

n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

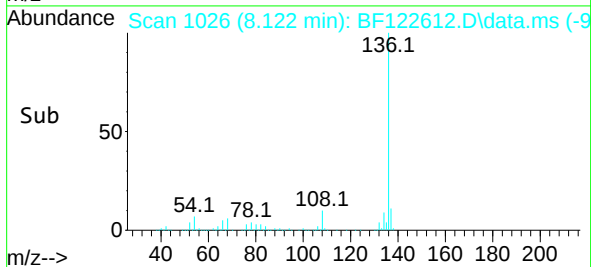
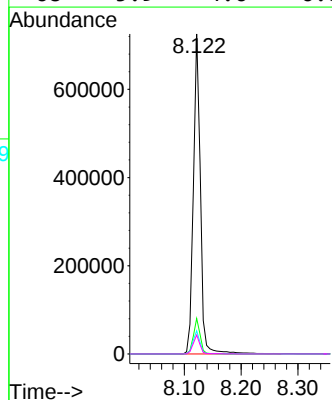
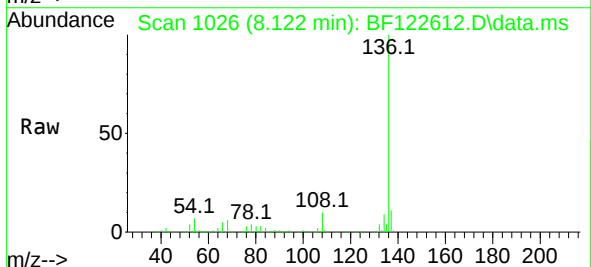
Tgt Ion: 70 Resp: 115635
Ion Ratio Lower Upper
70 100
42 42.8 43.0 64.4#
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

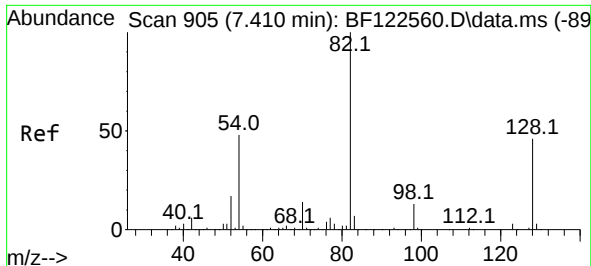


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:136 Resp: 624239
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.5 8.3
68 5.9 4.6 6.8

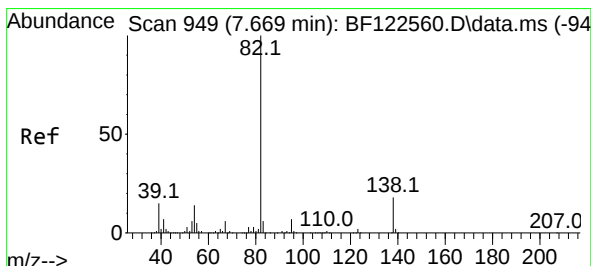
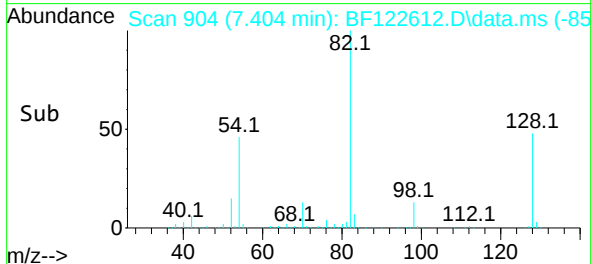
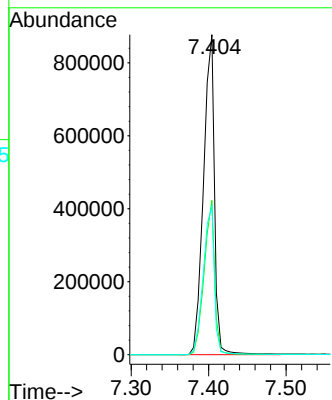
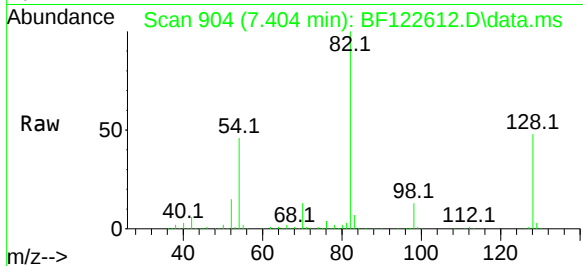




#23
Nitrobenzene-d5
Concen: 69.43 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

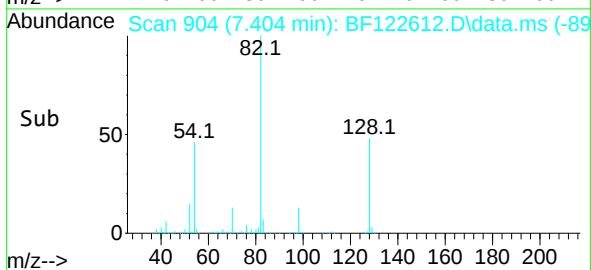
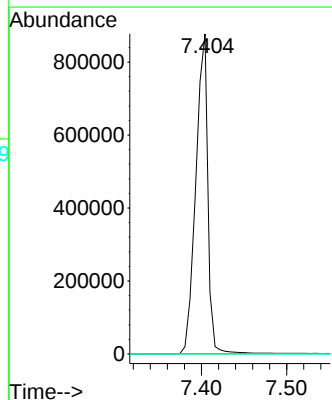
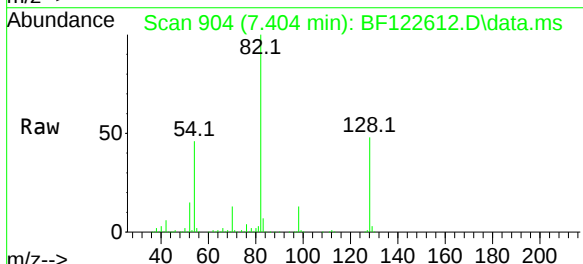
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BNA_F
ClientSampleId :
NORTH-BRANFORD-03

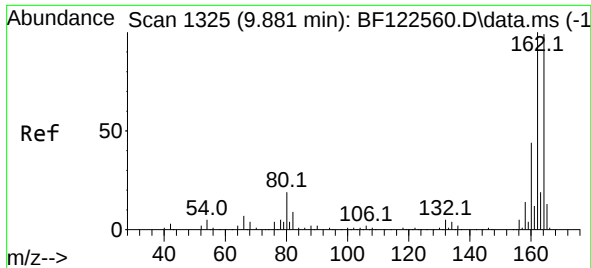
Tgt Ion: 82 Resp: 865049
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 46.2 38.4 57.6



#25
Isophorone
Concen: 40.06 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion: 82 Resp: 859557
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

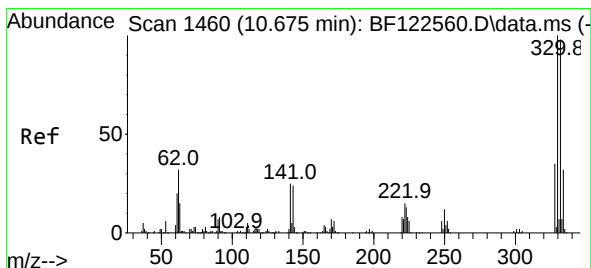
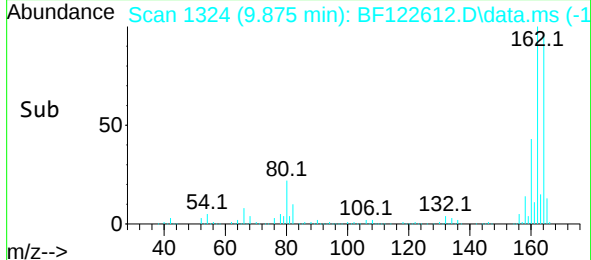
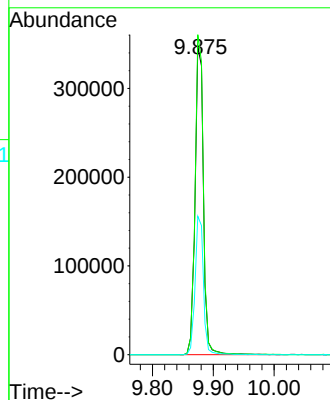
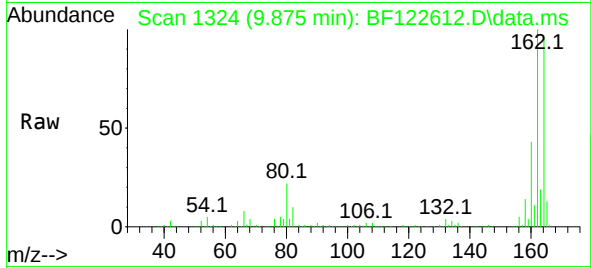




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

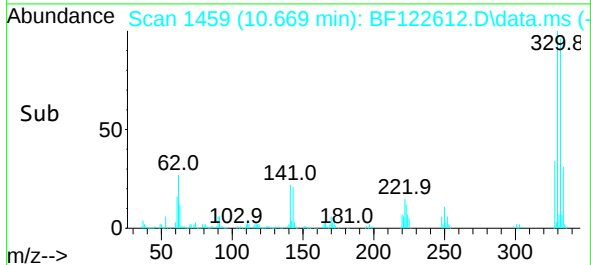
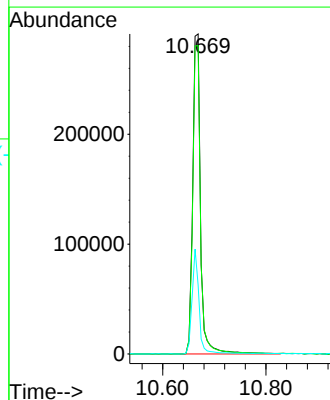
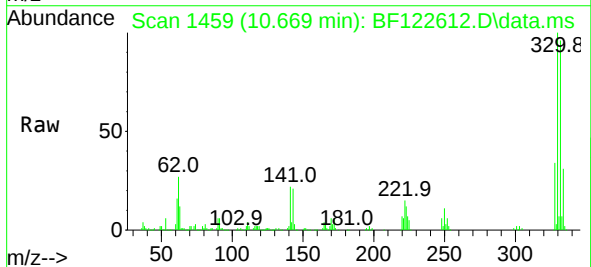
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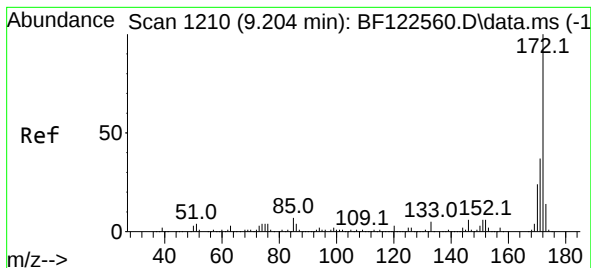
Tgt Ion:164 Resp: 329891
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 70.52 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:330 Resp: 304524
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 29.1 23.8 35.8

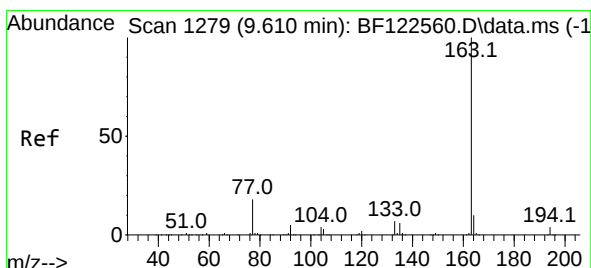
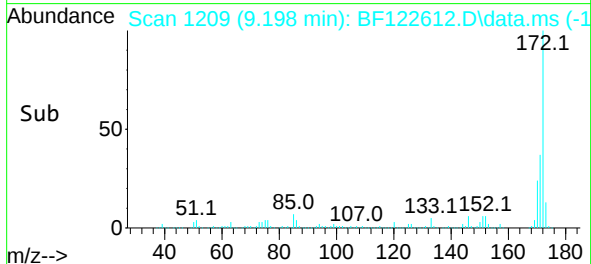
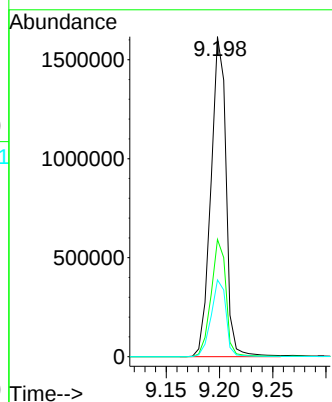
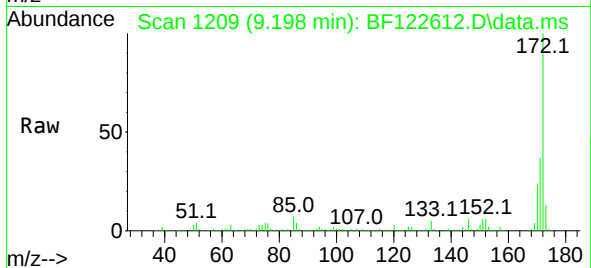




#45
2-Fluorobiphenyl
Concen: 65.85 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

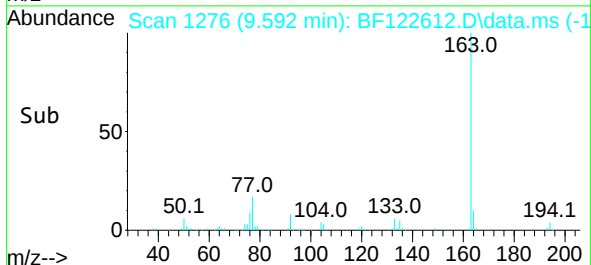
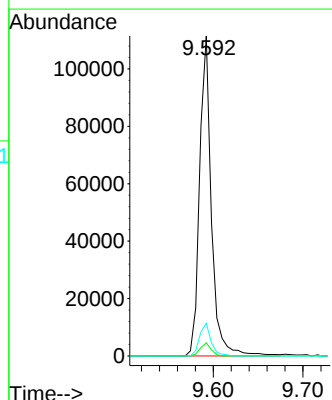
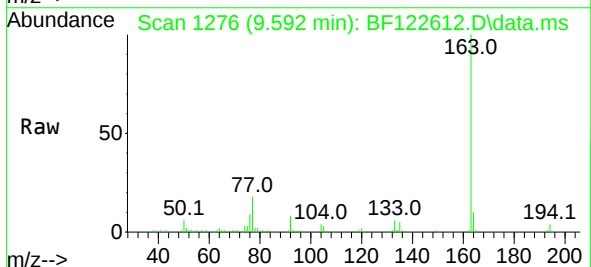
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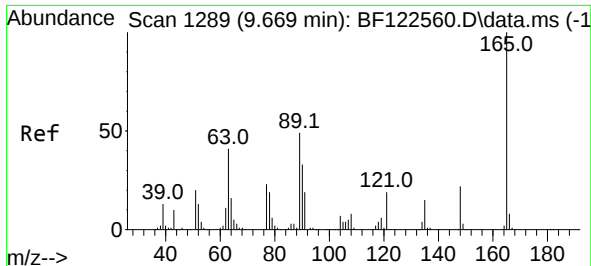
Tgt Ion:172 Resp: 1606032
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 3.87 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

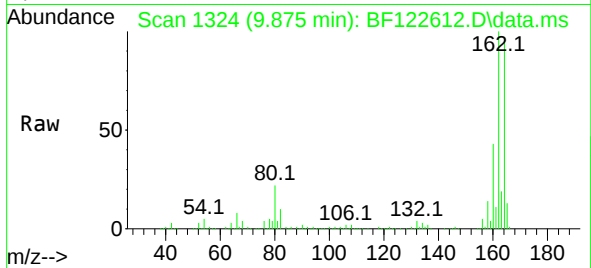
Tgt Ion:163 Resp: 101953
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1



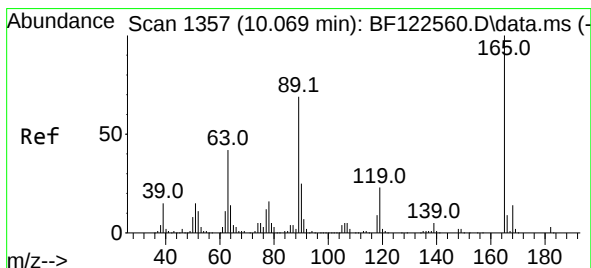
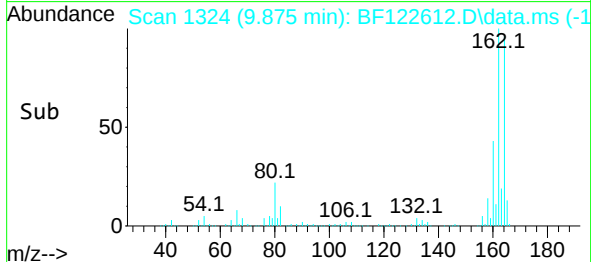
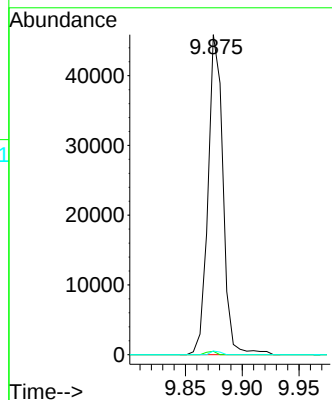


#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

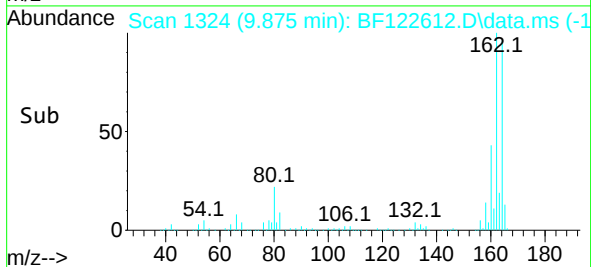
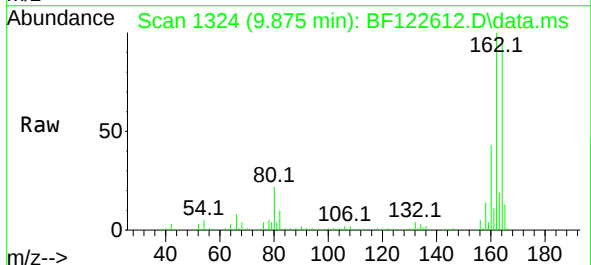
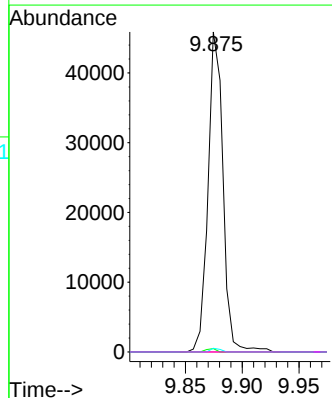


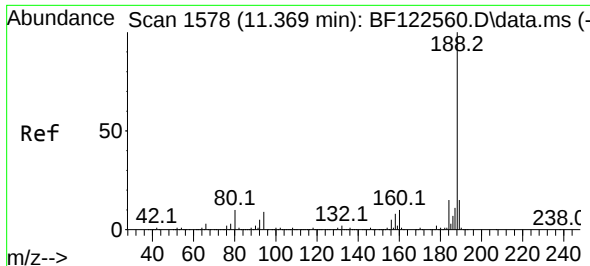
Tgt Ion:165 Resp: 41934
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:165 Resp: 41934
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

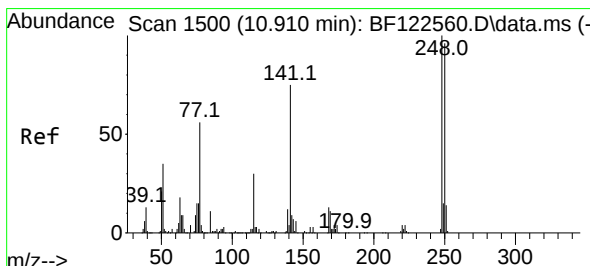
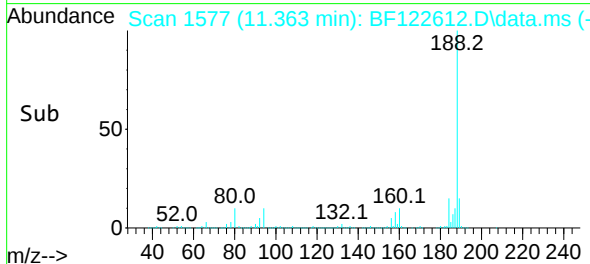
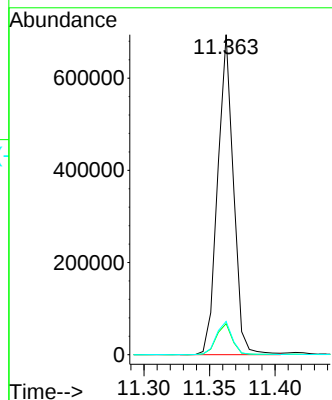
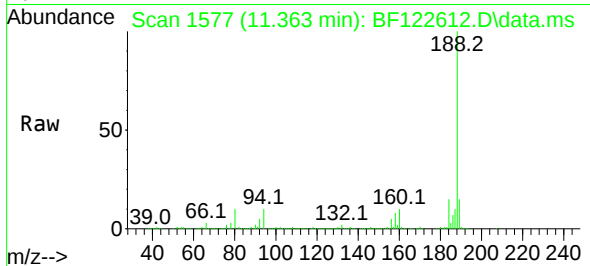




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

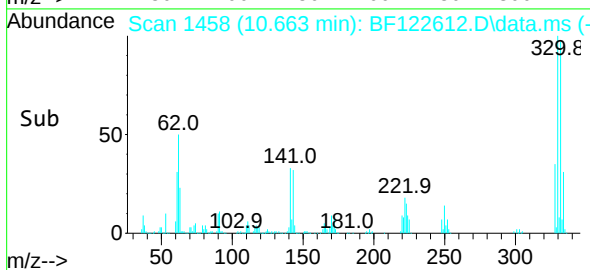
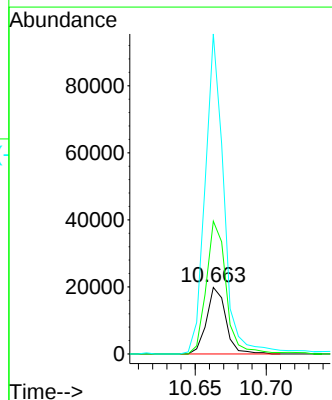
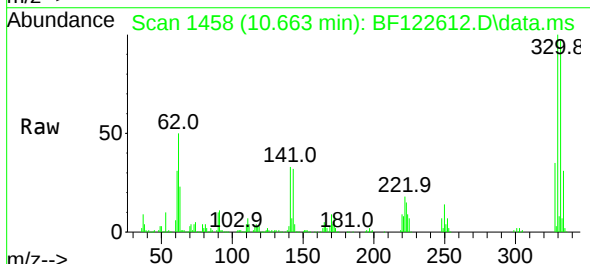
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

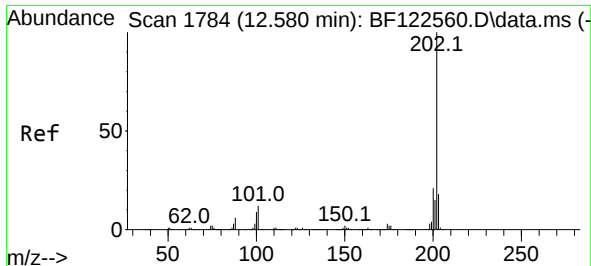
Tgt Ion:188 Resp: 580268
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:248 Resp: 18737
Ion Ratio Lower Upper
248 100
250 199.5 76.8 115.2#
141 480.5 59.8 89.8#

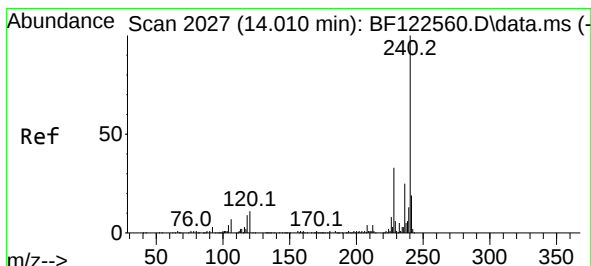
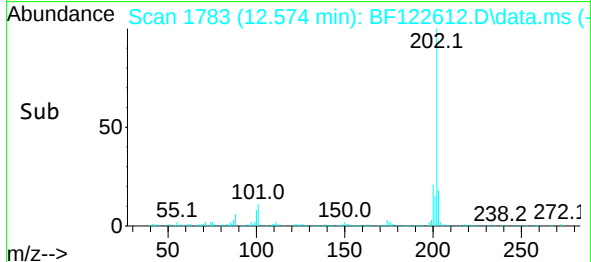
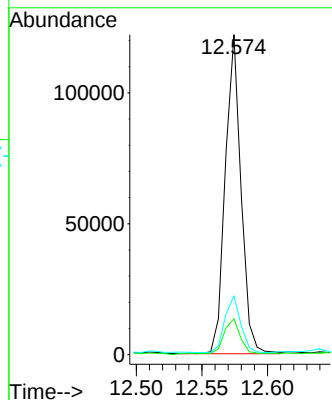
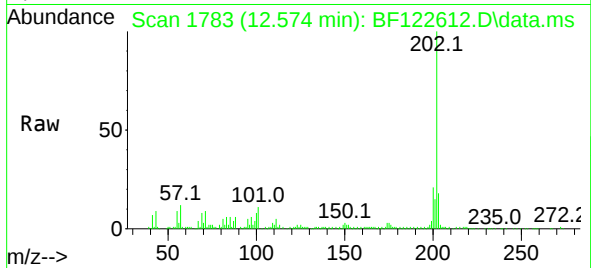




#75
Fluoranthene
Concen: 2.81 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

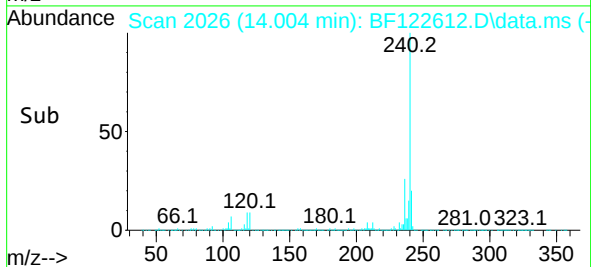
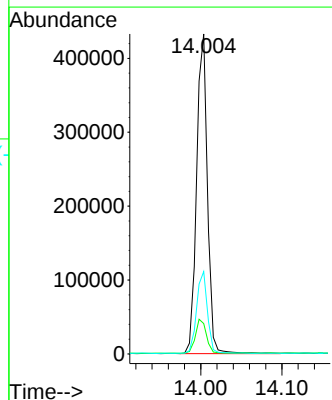
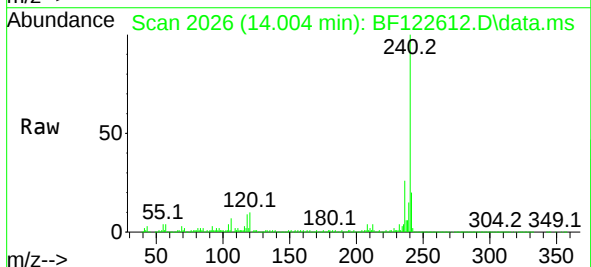
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

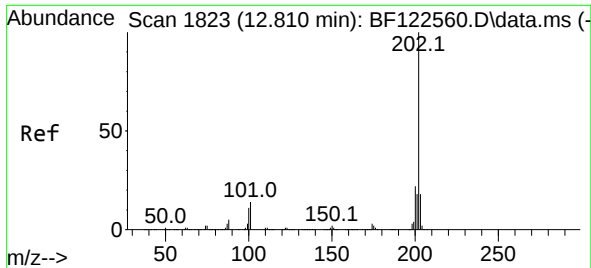
Tgt Ion:202 Resp: 101572
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.2
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:240 Resp: 402766
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 25.8 20.3 30.5

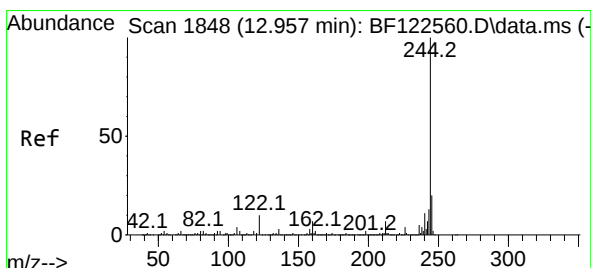
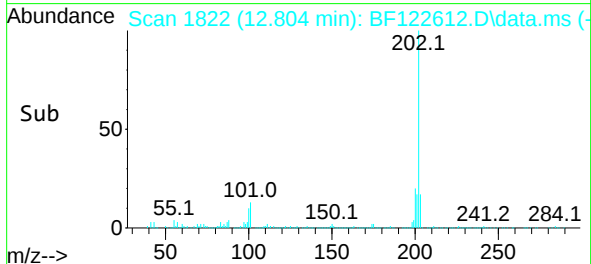
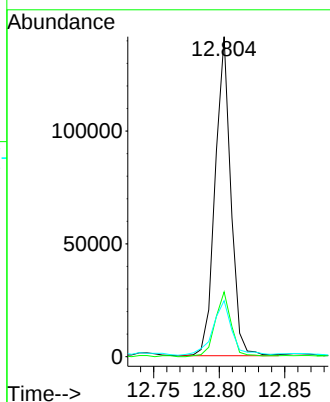
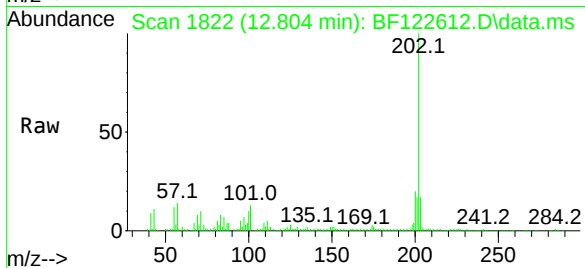




#78
Pyrene
Concen: 3.77 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

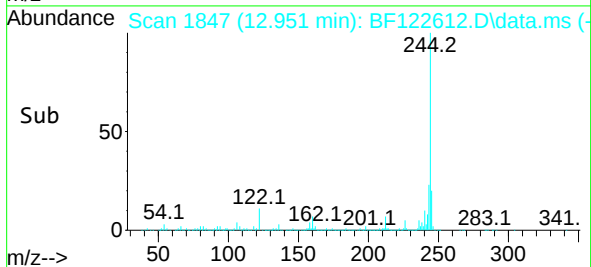
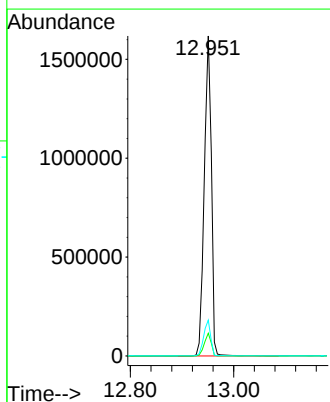
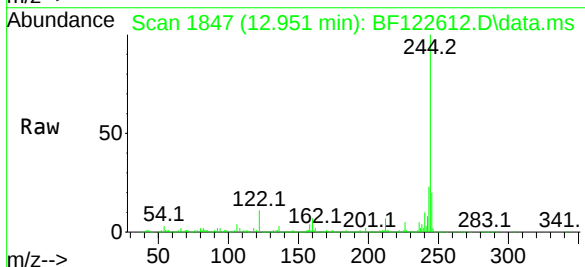
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

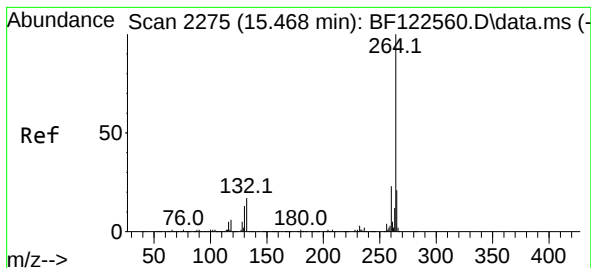
Tgt Ion:	202	Resp:	117325
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	17.5	14.6	21.8



#79
Terphenyl-d14
Concen: 67.20 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:	244	Resp:	1546280
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	11.2	8.3	12.5

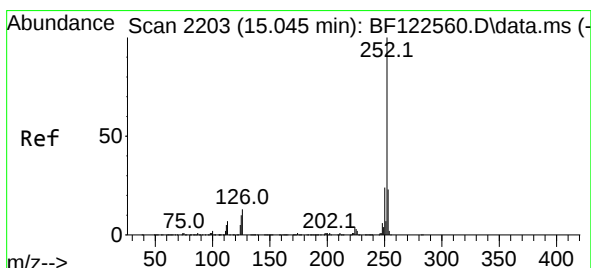
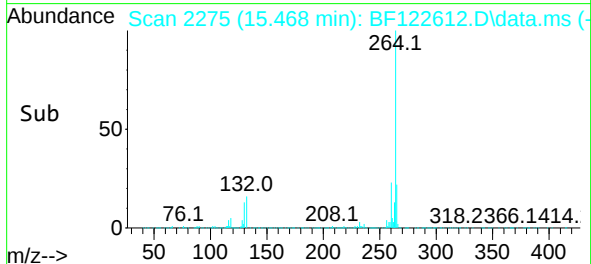
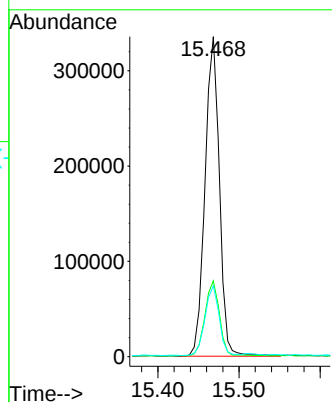
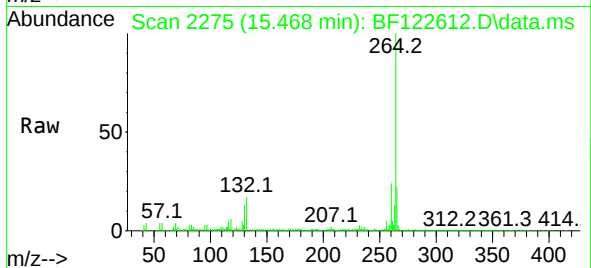




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

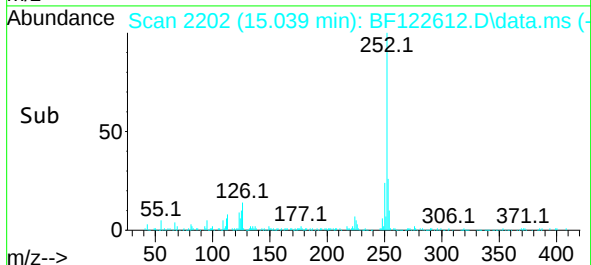
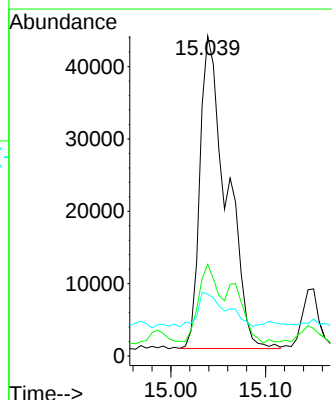
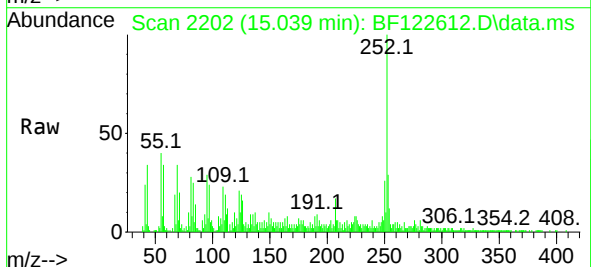
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-03

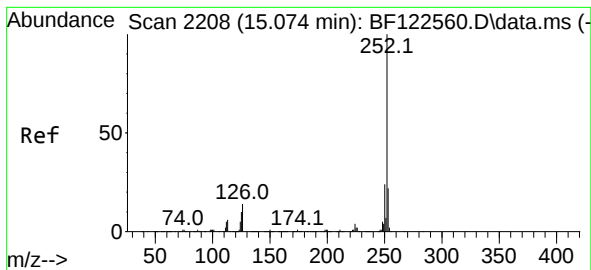
Tgt Ion:264 Resp: 411751
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.93 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122612.D
Acq: 9 Dec 2020 14:37

Tgt Ion:252 Resp: 84518
Ion Ratio Lower Upper
252 100
253 28.6 18.3 27.5#
125 19.4 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 3.20 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.035 min

Lab File: BF122612.D

Acq: 9 Dec 2020 14:37

Tgt Ion:252 Resp: 84518

Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

125 19.4 8.4 12.6#

Instrument :

BNA_F

ClientSampleId :

NORTH-BRANFORD-03

