

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122610.D
 Acq On : 9 Dec 2020 13:34
 Operator : JU/CG
 Sample : L4969-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-BRANFORD-01

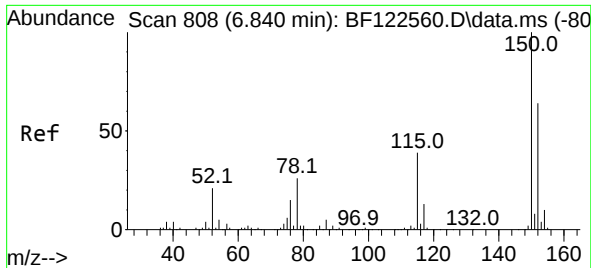
Quant Time: Dec 09 17:12:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	174237	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	671844	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	349266	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	606669	20.00	ng	0.00
76) Chrysene-d12	14.004	240	454496	20.00	ng	0.00
86) Perylene-d12	15.468	264	465860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1050525	95.45	ng	0.00
7) Phenol-d6	6.469	99	1327192	90.93	ng	-0.01
23) Nitrobenzene-d5	7.398	82	836860	62.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	288559	63.12	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1532156	59.33	ng	0.00
79) Terphenyl-d14	12.951	244	1422778	54.80	ng	0.00
Target Compounds						
10) Phenol	6.481	94	37547	2.48	ng	91
19) n-Nitroso-di-n-propyla...	7.398	70	110959	13.27	ng	# 77
25) Isophorone	7.398	82	824898	35.72	ng	# 65
32) Benzoic acid	7.869	122	16677	2.19	ng	98
50) Dimethylphthalate	9.592	163	106478	3.82	ng	100
51) 2,6-Dinitrotoluene	9.875	165	45202	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	45202	5.76	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	17662	2.15	ng	# 1
71) Phenanthrene	11.386	178	76011	2.11	ng	96
75) Fluoranthene	12.574	202	131606	3.48	ng	98
78) Pyrene	12.804	202	140038	3.99	ng	99
88) Benzo(b)fluoranthene	15.039	252	98976	3.03	ng	# 88
89) Benzo(k)fluoranthene	15.039	252	98976	3.31	ng	# 88

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

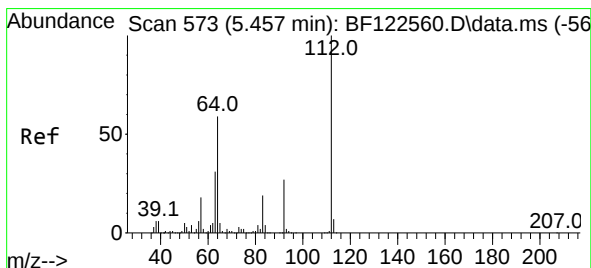
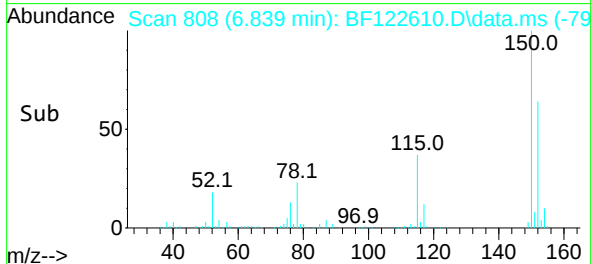
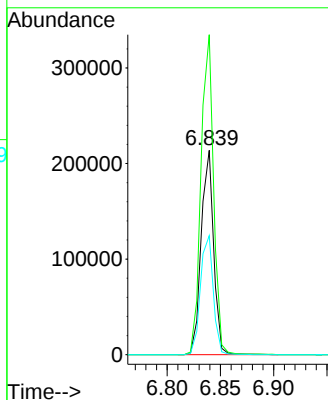
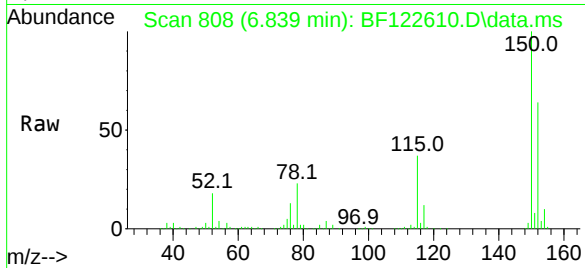




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

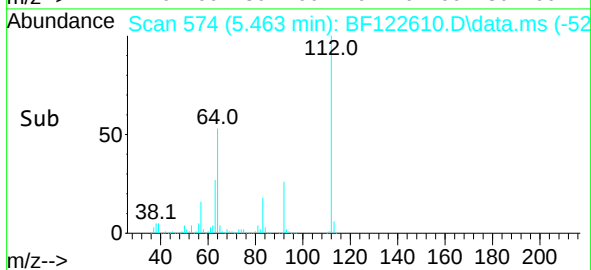
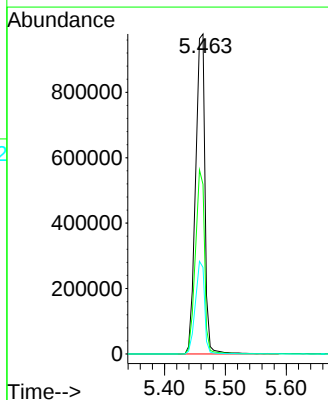
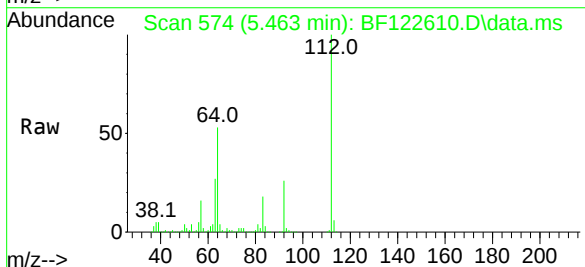
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

Tgt Ion:152 Resp: 174237
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 58.3 49.3 73.9



#5
2-Fluorophenol
Concen: 95.45 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Tgt Ion:112 Resp: 1050525
Ion Ratio Lower Upper
112 100
64 53.0 46.9 70.3
63 27.1 24.5 36.7

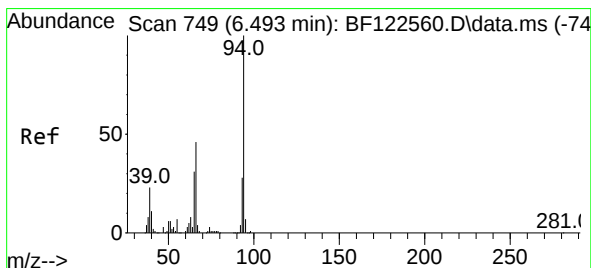
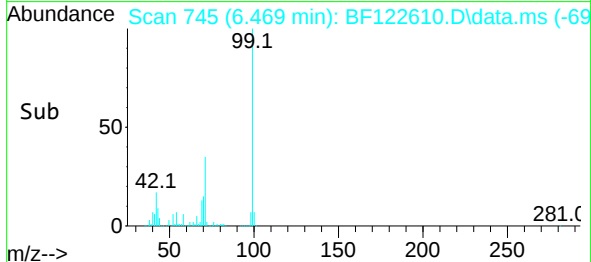
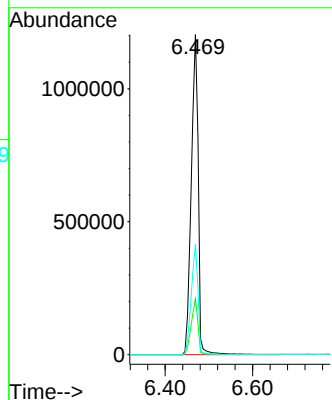
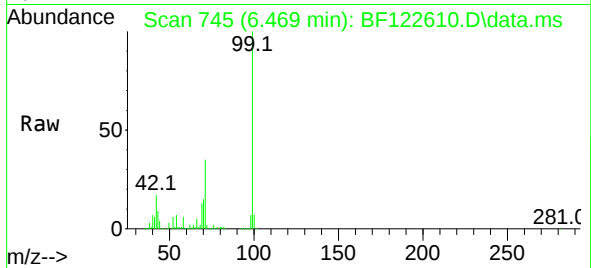




#7
Phenol-d6
Concen: 90.93 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

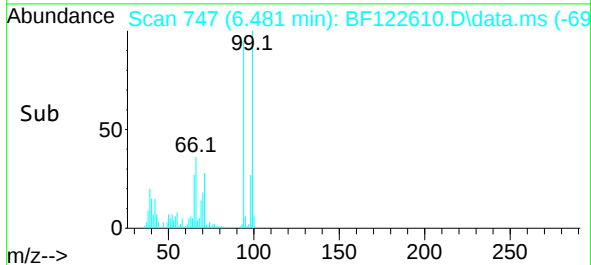
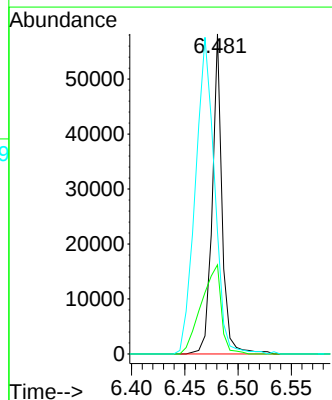
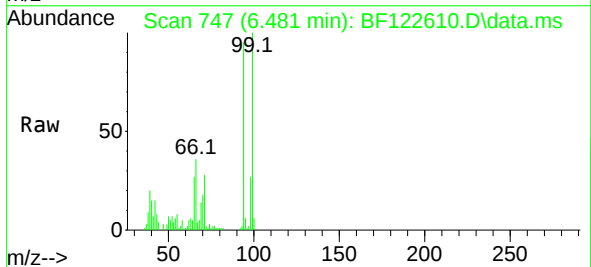
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BNA_F
ClientSampleId :
NORTH-BRANFORD-01

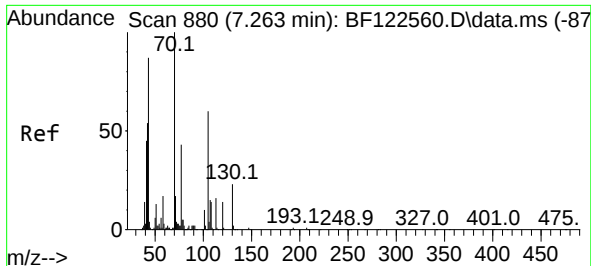
Tgt Ion: 99 Resp: 1327192
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.6
71 34.5 26.9 40.3



#10
Phenol
Concen: 2.48 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

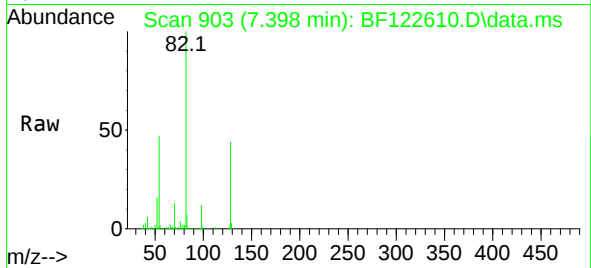
Tgt Ion: 94 Resp: 37547
Ion Ratio Lower Upper
94 100
65 27.8 11.2 51.2
66 38.2 25.8 65.8



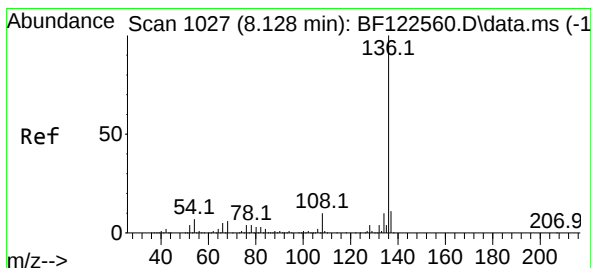
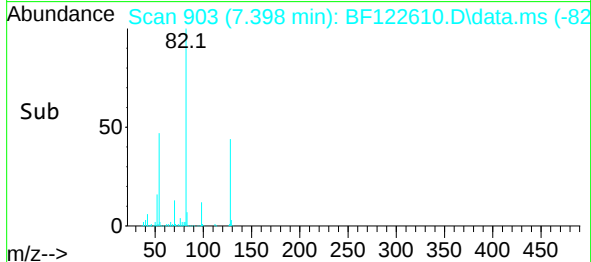
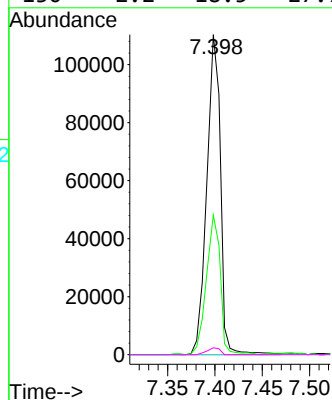


#19
n-Nitroso-di-n-propylamine
Concen: 13.27 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

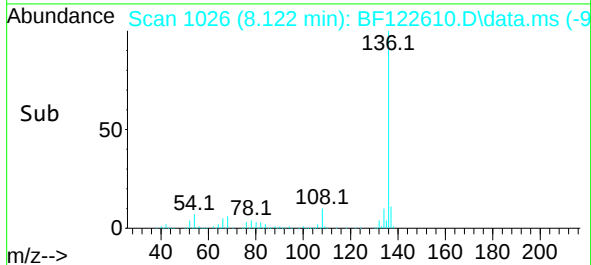
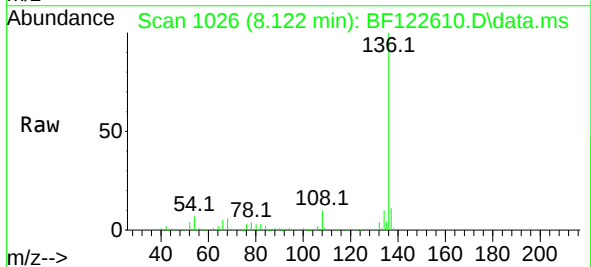
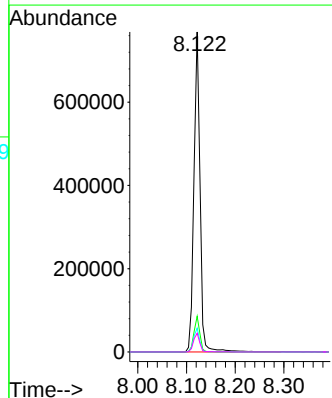


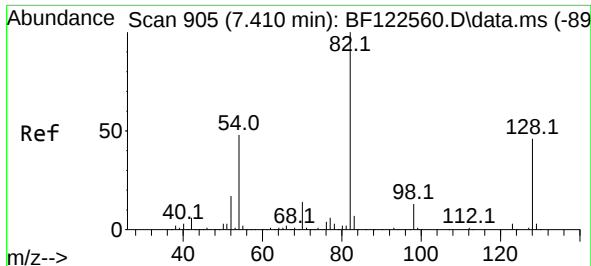
Tgt Ion: 70 Resp: 110959
Ion Ratio Lower Upper
70 100
42 43.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Tgt Ion: 136 Resp: 671844
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 5.5 8.3
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 62.41 ng

RT: 7.398 min Scan# 903

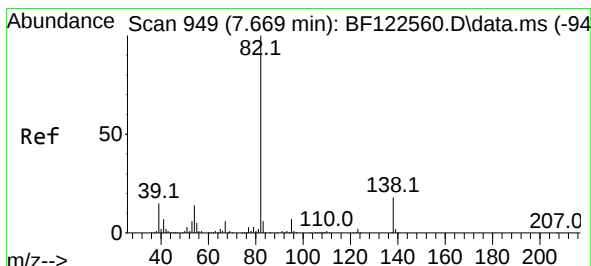
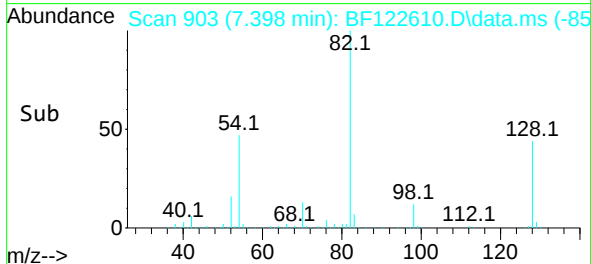
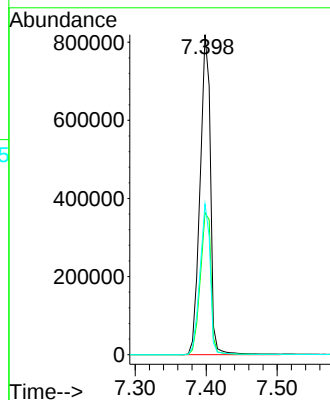
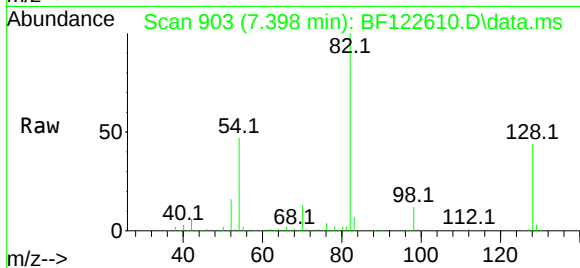
Delta R.T. -0.012 min

Lab File: BF122610.D

Acq: 9 Dec 2020 13:34

Tgt Ion: 82 Resp: 836860

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	47.1	38.4	57.6



#25

Isophorone

Concen: 35.72 ng

RT: 7.398 min Scan# 903

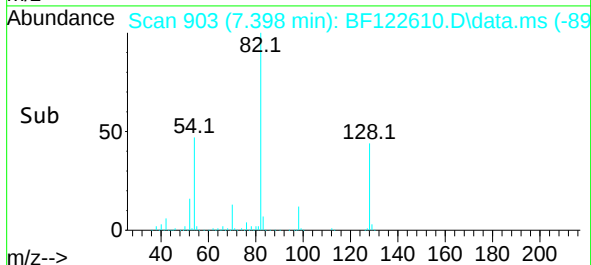
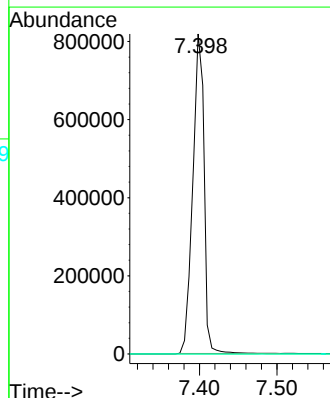
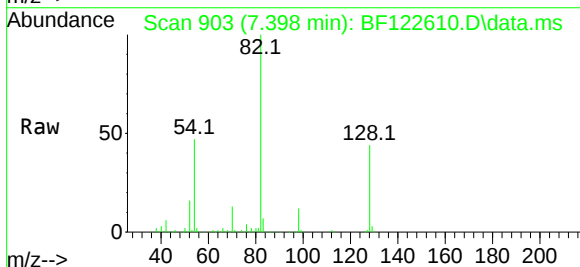
Delta R.T. -0.271 min

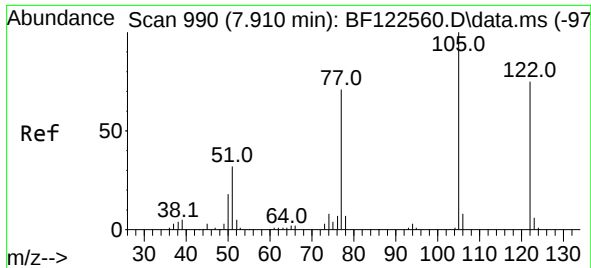
Lab File: BF122610.D

Acq: 9 Dec 2020 13:34

Tgt Ion: 82 Resp: 824898

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

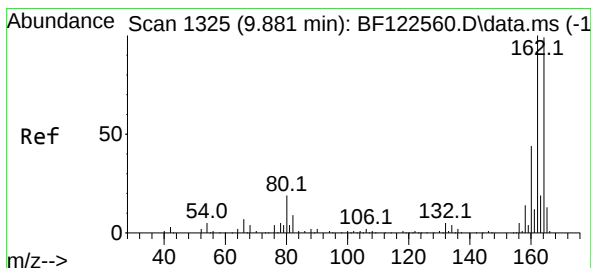
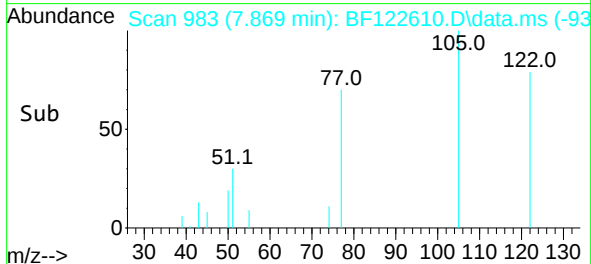
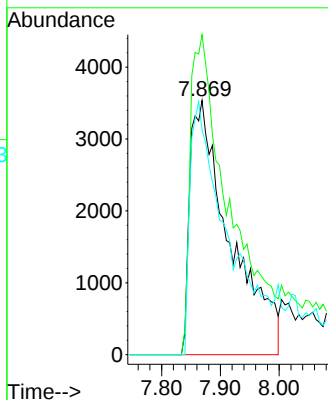
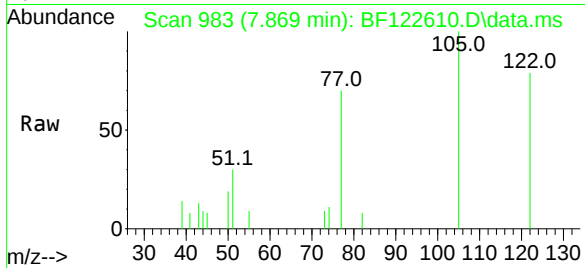




#32
Benzoic acid
Concen: 2.19 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.041 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

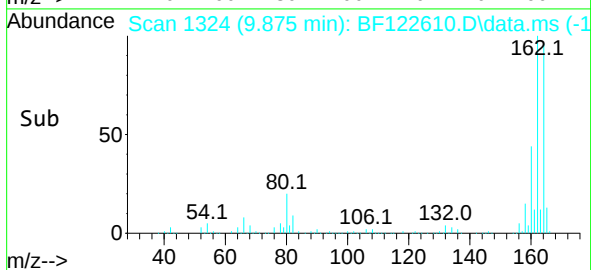
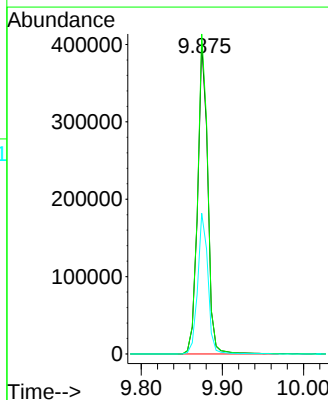
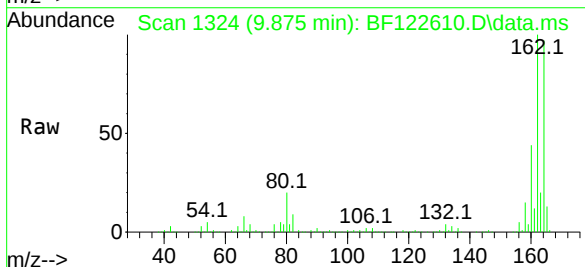
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

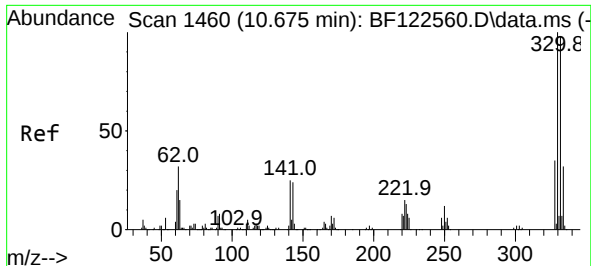
Tgt Ion:122 Resp: 16677
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 88.3 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

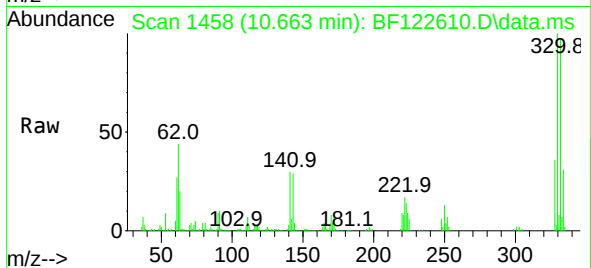
Tgt Ion:164 Resp: 349266
Ion Ratio Lower Upper
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162 103.1 80.8 121.2
160 45.3 35.4 53.0



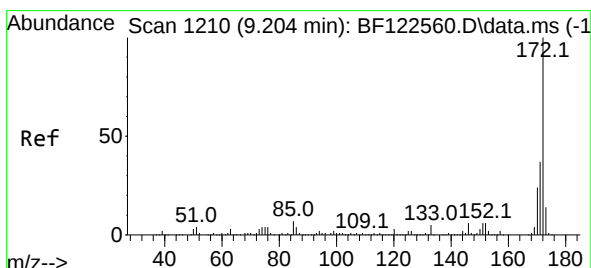
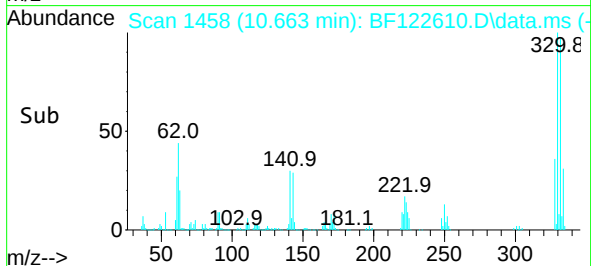
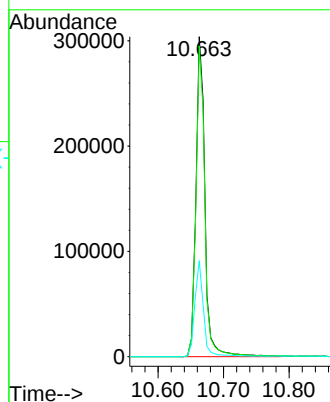


#42
2,4,6-Tribromophenol
Concen: 63.12 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

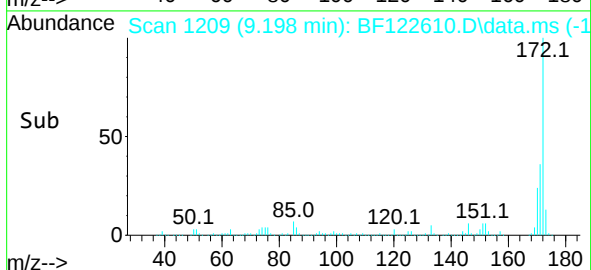
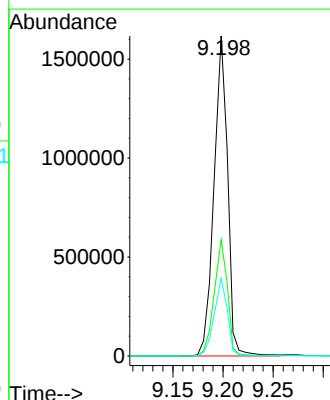
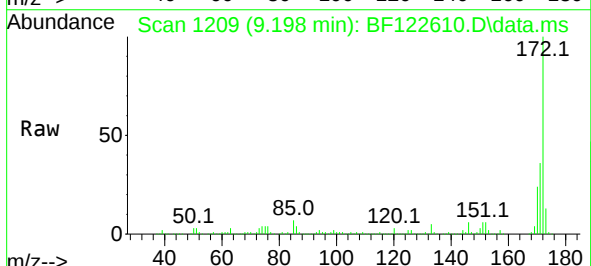


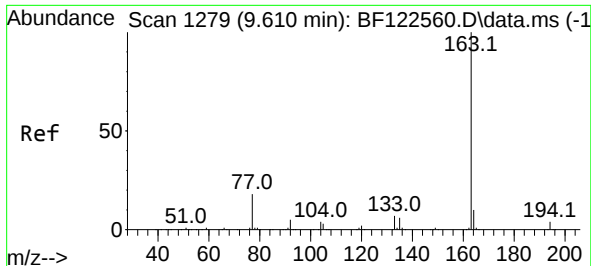
Tgt Ion: 330 Resp: 288559
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 29.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.33 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Tgt Ion: 172 Resp: 1532156
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3

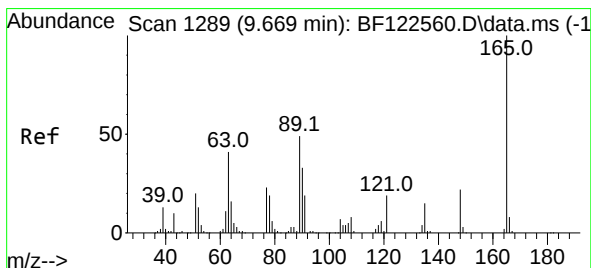
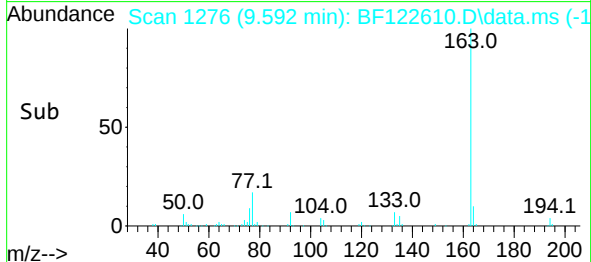
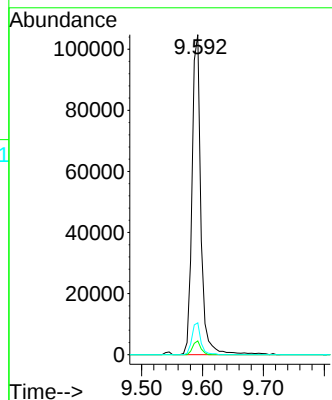
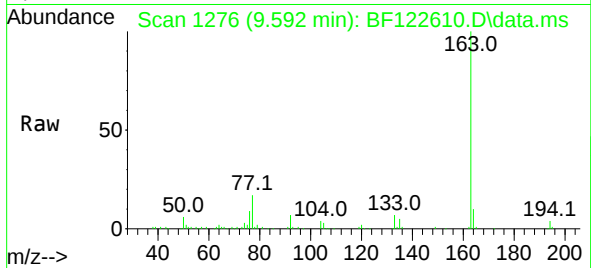




#50
Dimethylphthalate
Concen: 3.82 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

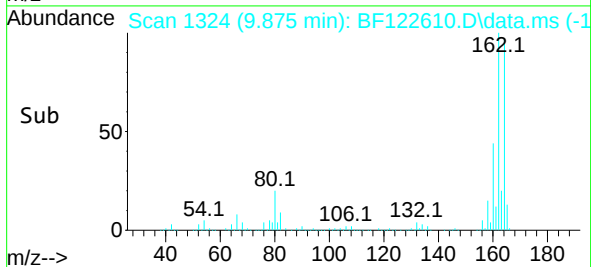
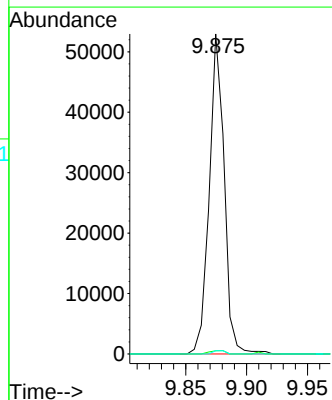
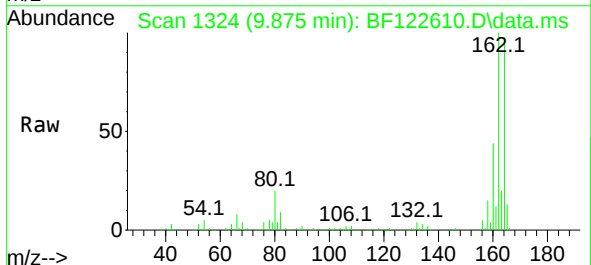
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

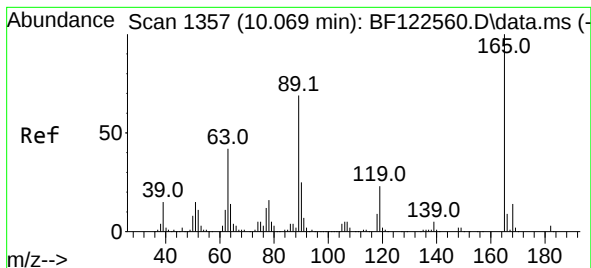
Tgt Ion:163 Resp: 106478
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

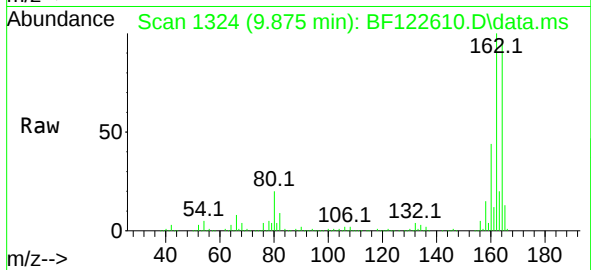
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Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#



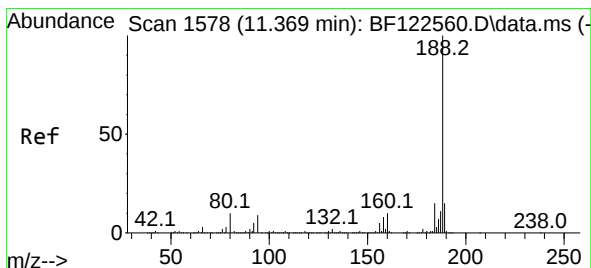
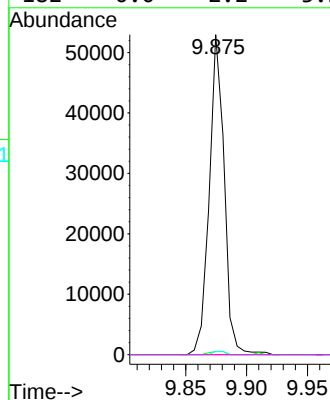
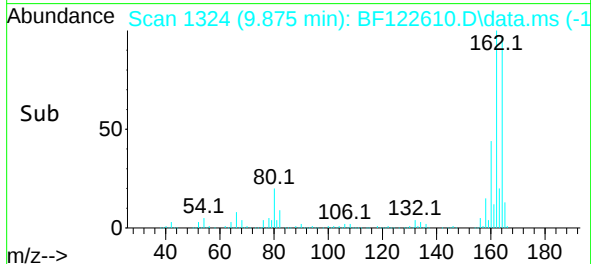


#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

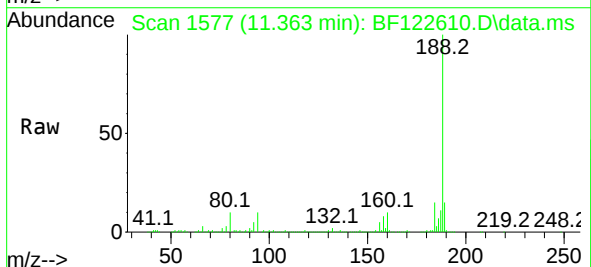
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BNA_F
ClientSampleId :
NORTH-BRANFORD-01



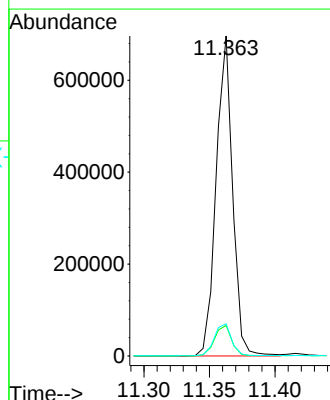
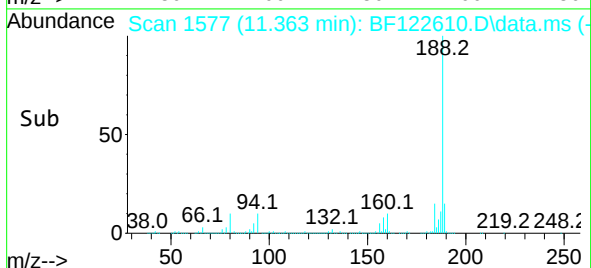
Tgt Ion:165 Resp: 45202
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

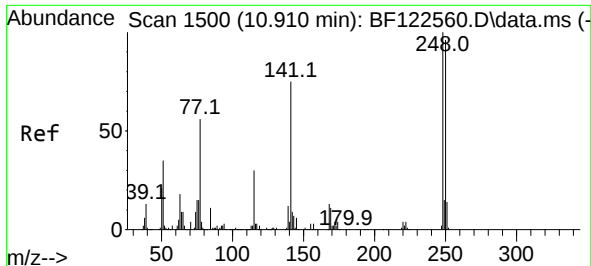


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34



Tgt Ion:188 Resp: 606669
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.1 8.2 12.4

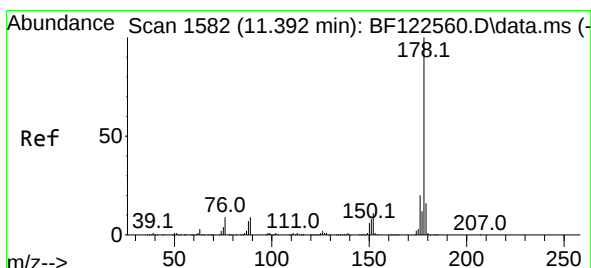
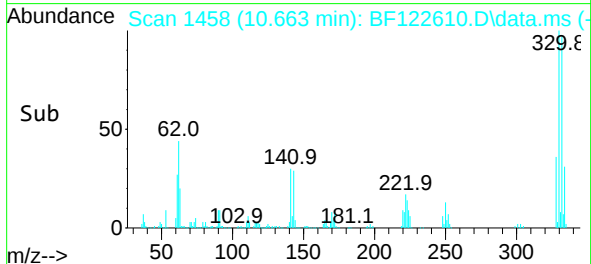
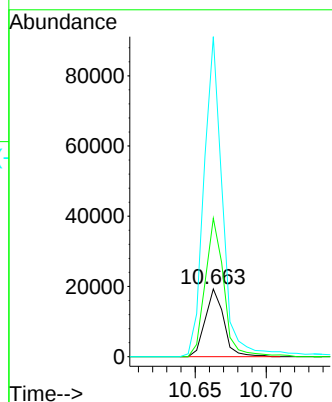
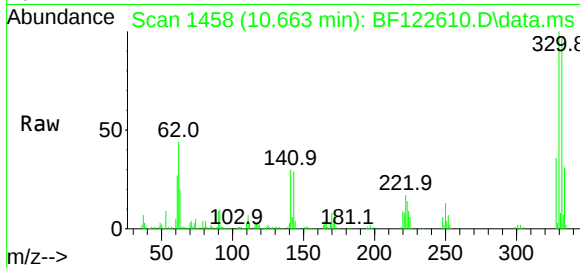




#67
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

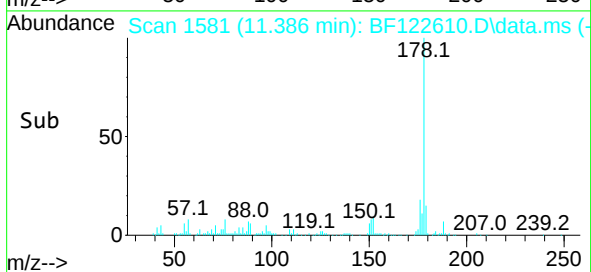
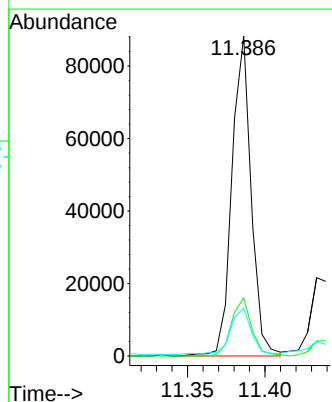
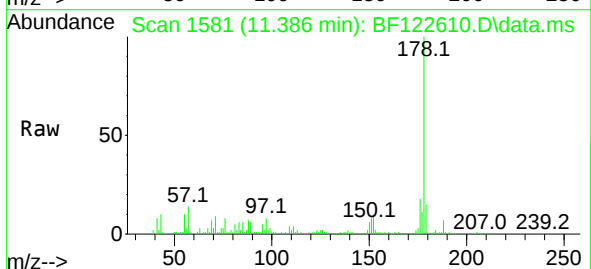
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01

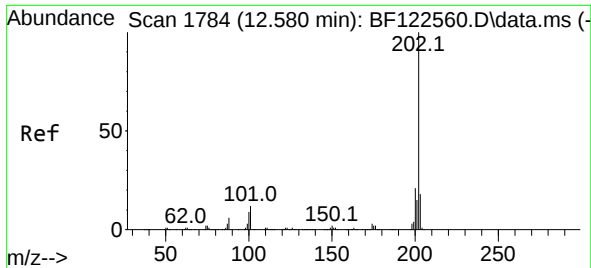
Tgt Ion:248 Resp: 17662
Ion Ratio Lower Upper
248 100
250 204.4 76.8 115.2#
141 472.9 59.8 89.8#



#71
Phenanthrene
Concen: 2.11 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

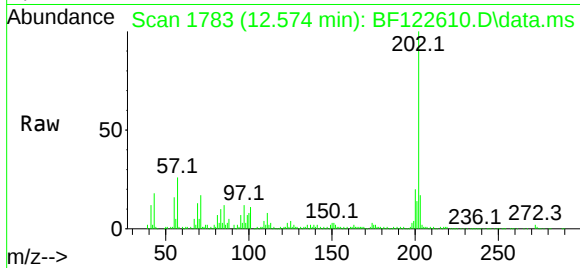
Tgt Ion:178 Resp: 76011
Ion Ratio Lower Upper
178 100
176 18.1 16.2 24.2
179 14.9 12.7 19.1



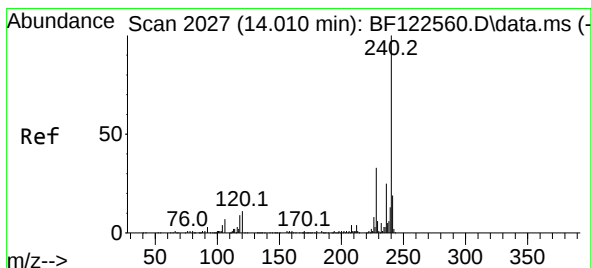
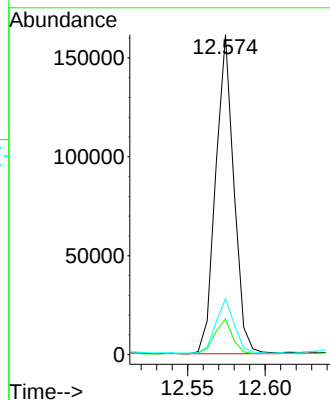
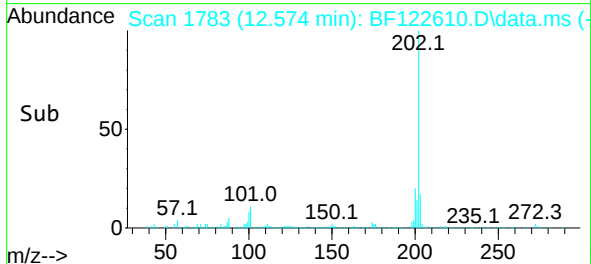


#75
Fluoranthene
Concen: 3.48 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

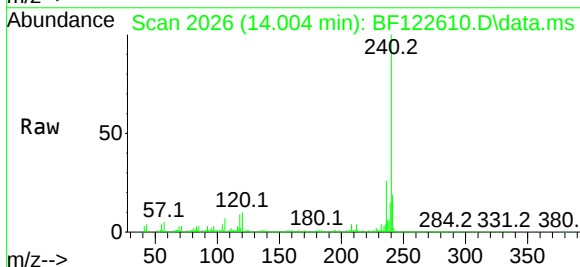
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-01



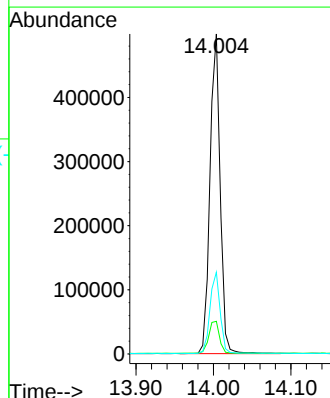
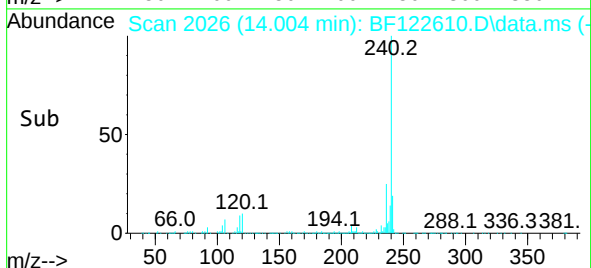
Tgt Ion:202 Resp: 131606
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 17.5 0.0 38.1

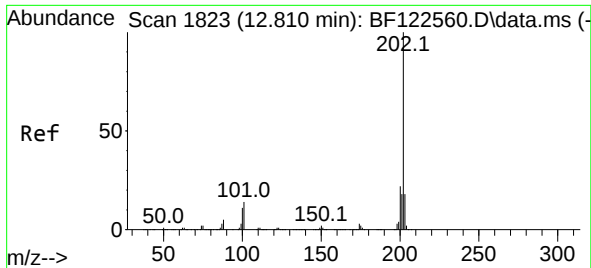


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34



Tgt Ion:240 Resp: 454496
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.6 20.3 30.5

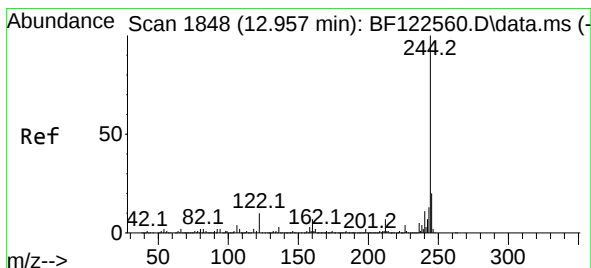
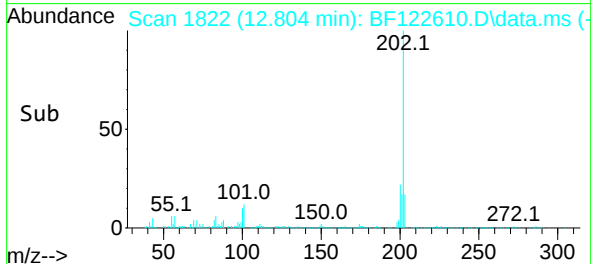
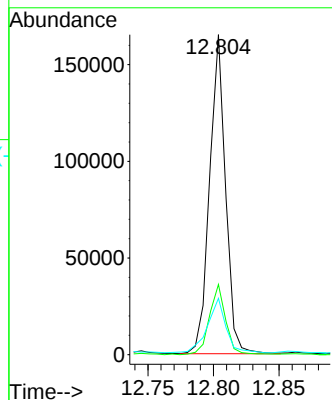
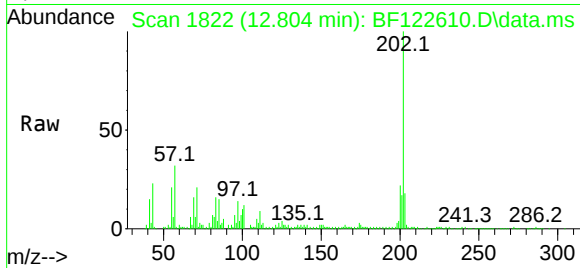




#78
 Pyrene
 Concen: 3.99 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF122610.D
 Acq: 9 Dec 2020 13:34

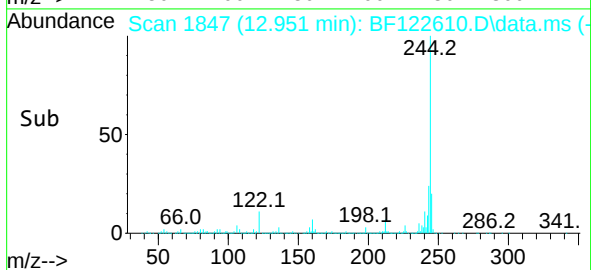
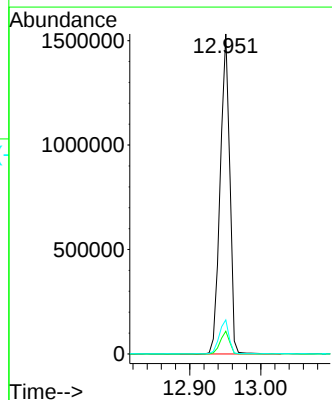
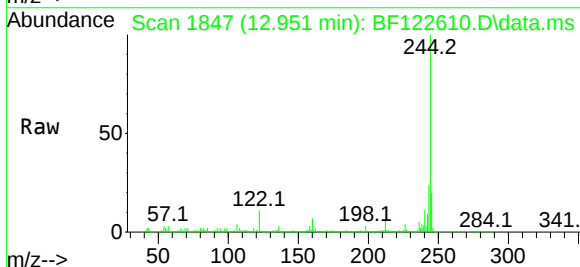
Instrument :
 BNA_F
 ClientSampleId :
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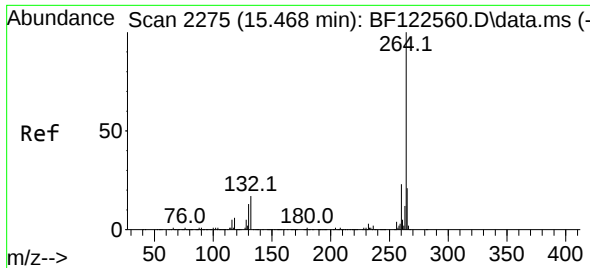
Tgt Ion:202 Resp: 140038
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 17.6 14.6 21.8



#79
 Terphenyl-d14
 Concen: 54.80 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122610.D
 Acq: 9 Dec 2020 13:34

Tgt Ion:244 Resp: 1422778
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.6 8.3 12.5



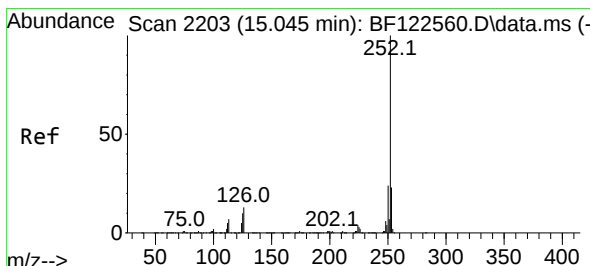
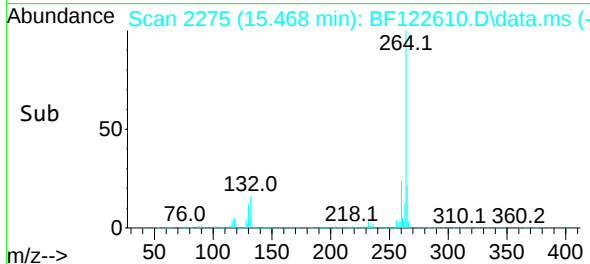
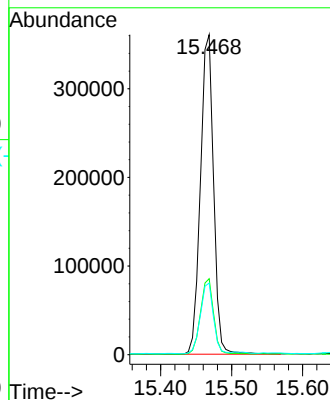
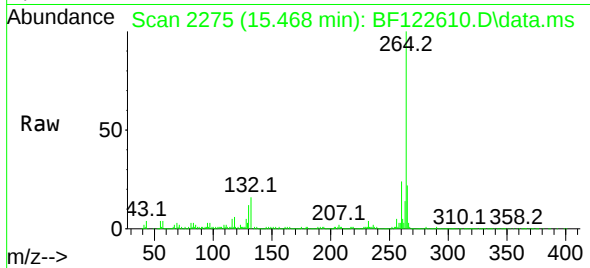


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 465860

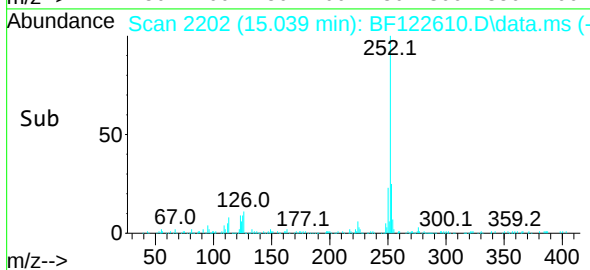
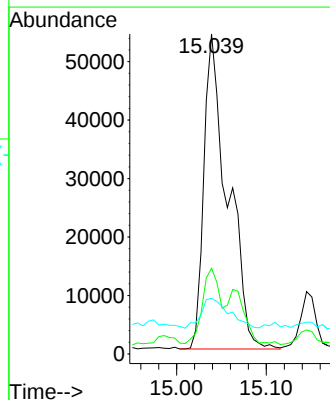
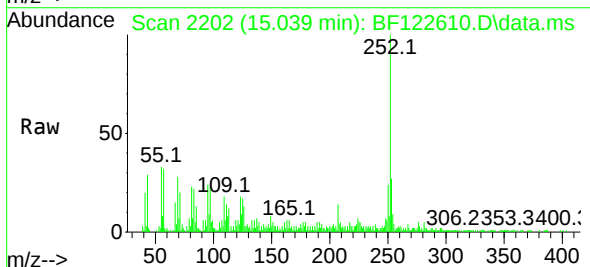
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.4	17.0	25.6

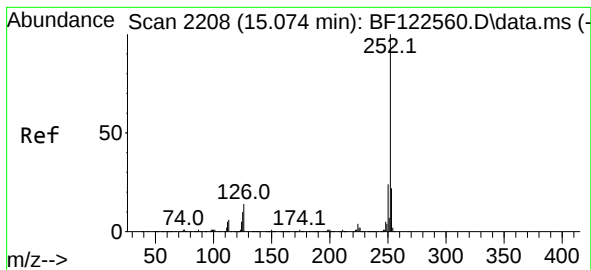


#88
Benzo(b)fluoranthene
Concen: 3.03 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122610.D
Acq: 9 Dec 2020 13:34

Tgt Ion:252 Resp: 98976

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.3	27.5
125	17.4	8.1	12.1





#89

Benzo(k)fluoranthene

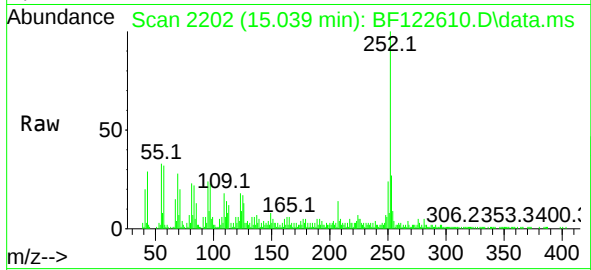
Concen: 3.31 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.035 min

Lab File: BF122610.D

Acq: 9 Dec 2020 13:34



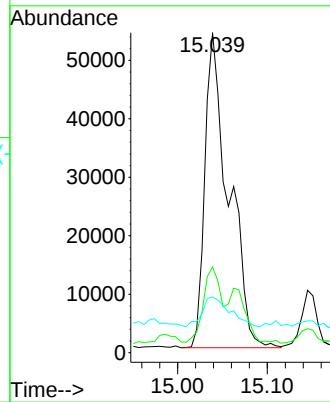
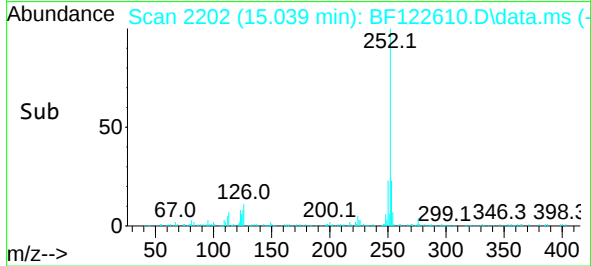
Tgt Ion: 252 Resp: 98976

Ion Ratio Lower Upper

252 100

253 26.8 17.8 26.8#

125 17.4 8.4 12.6#



Instrument :

BNA_F

ClientSampleId :

NORTH-BRANFORD-01