

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122611.D
 Acq On : 9 Dec 2020 14:05
 Operator : JU/CG
 Sample : L4969-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-BRANFORD-02

Quant Time: Dec 09 17:12:44 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)

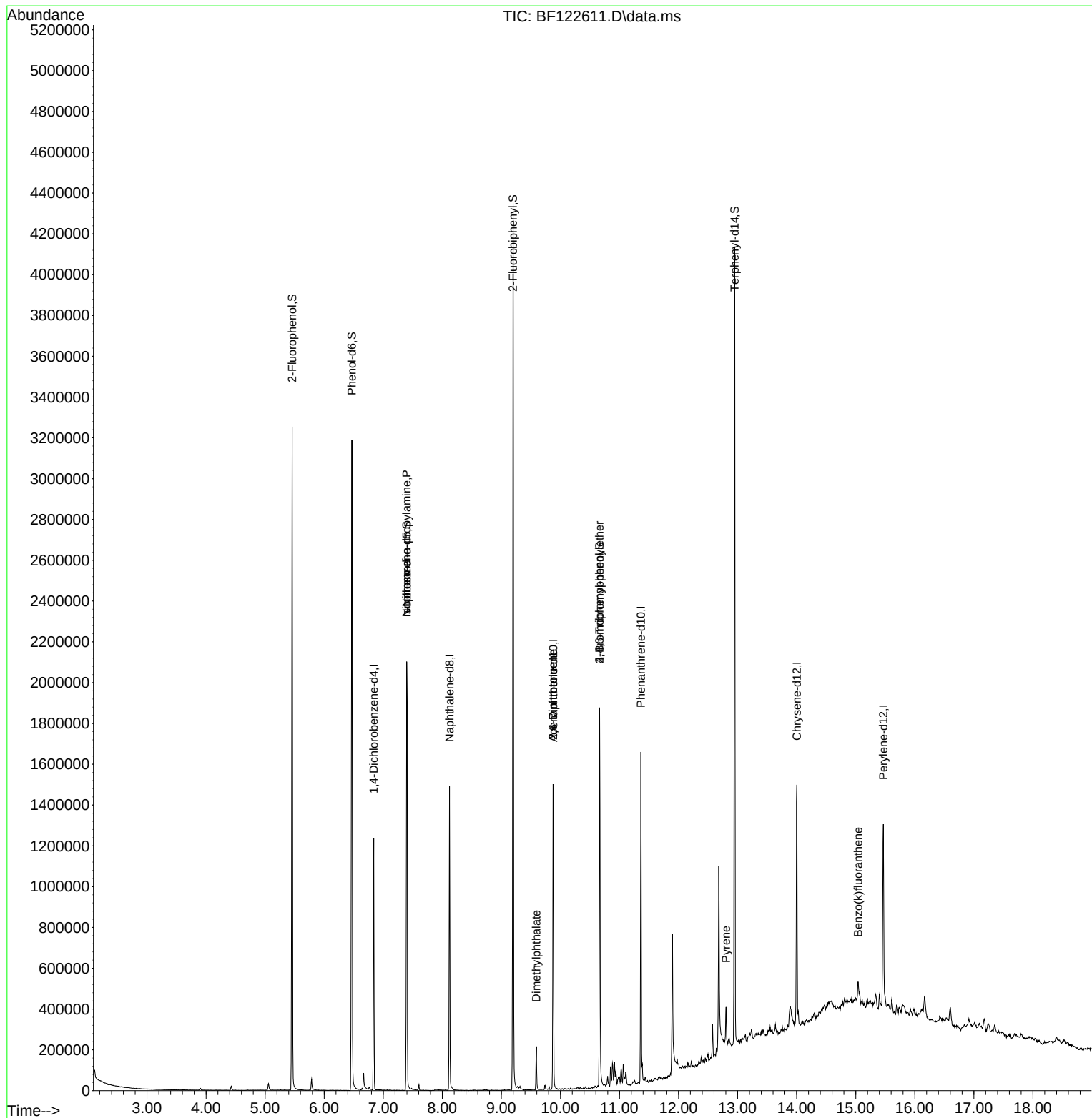
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	171083	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	659427	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	337547	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	566649	20.00	ng	0.00
76) Chrysene-d12	14.004	240	427547	20.00	ng	0.00
86) Perylene-d12	15.468	264	452660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	934881	86.51	ng	0.00
7) Phenol-d6	6.469	99	1169485	81.60	ng	-0.01
23) Nitrobenzene-d5	7.398	82	741839	56.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	248623	56.27	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1392479	55.80	ng	0.00
79) Terphenyl-d14	12.951	244	1271757	52.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	98565	12.01	ng	Qvalue # 77
25) Isophorone	7.398	82	736395	32.48	ng	# 65
50) Dimethylphthalate	9.592	163	90369	3.35	ng	99
51) 2,6-Dinitrotoluene	9.874	165	44445	7.81	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	44445	5.86	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	15641	2.04	ng	# 1
78) Pyrene	12.804	202	74123	2.24	ng	98
89) Benzo(k)fluoranthene	15.039	252	61576	2.12	ng	# 84

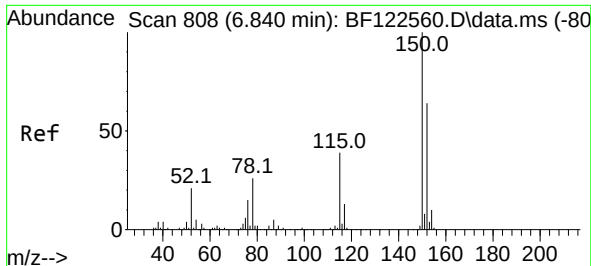
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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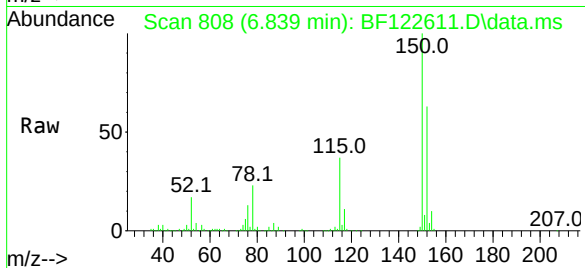
Quant Time: Dec 09 17:12:44 2020
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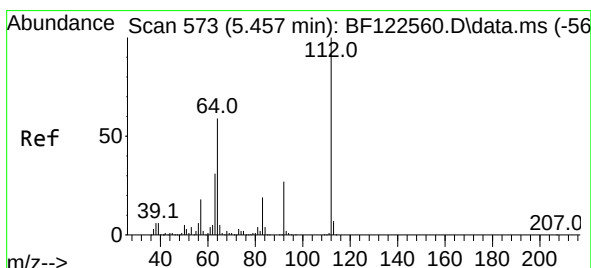
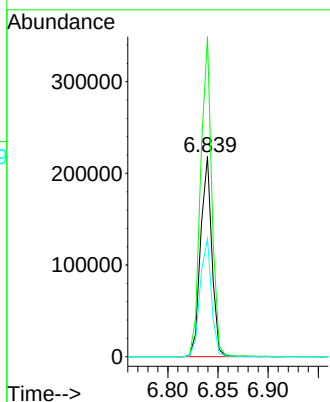
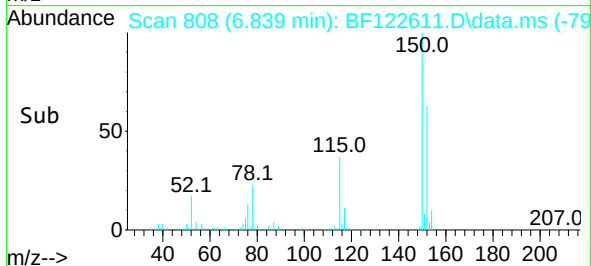


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

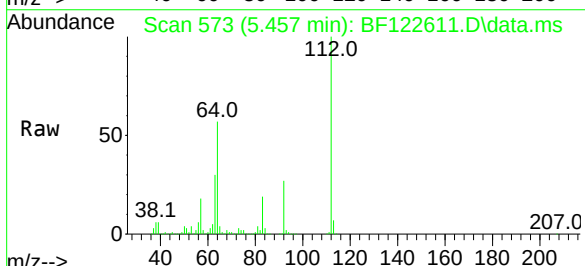
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02



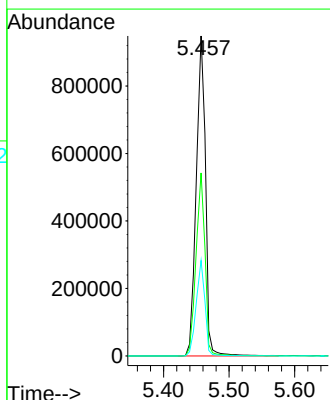
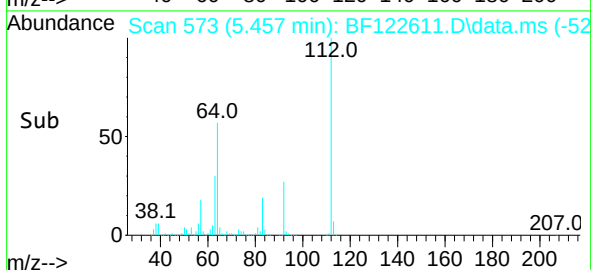
Tgt Ion:152 Resp: 171083
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 59.0 49.3 73.9

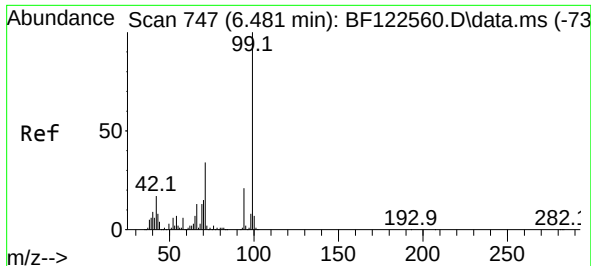


#5
2-Fluorophenol
Concen: 86.51 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05



Tgt Ion:112 Resp: 934881
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.8 24.5 36.7

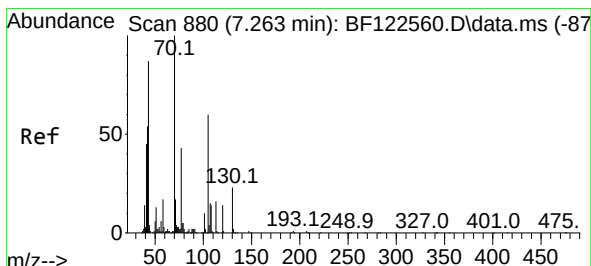
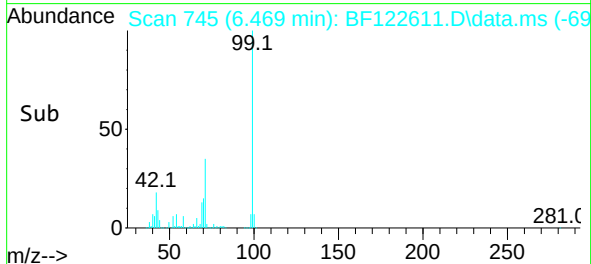
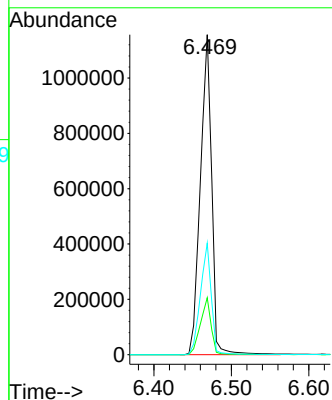
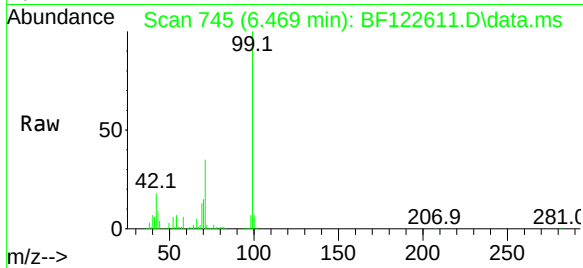




#7
Phenol-d6
Concen: 81.60 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

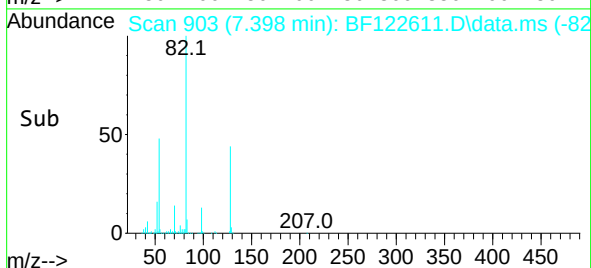
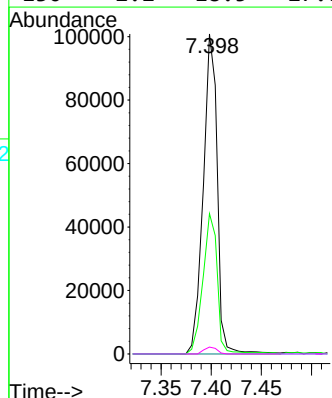
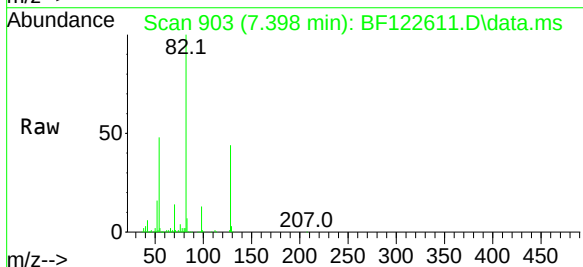
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ClientSampleId :
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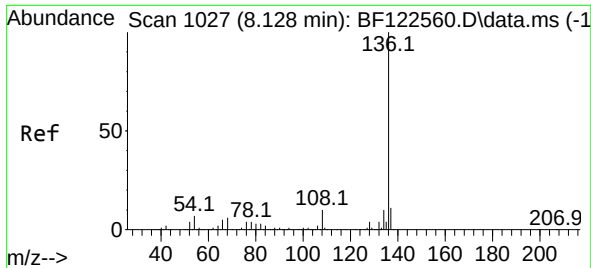
Tgt Ion: 99 Resp: 1169485
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.6
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion: 70 Resp: 98565
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#

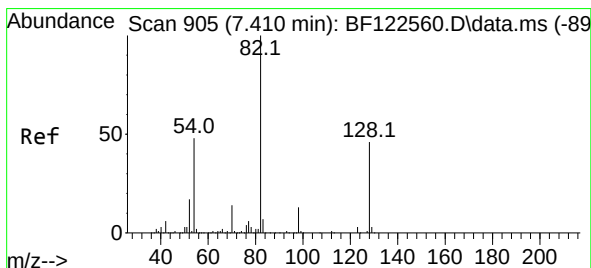
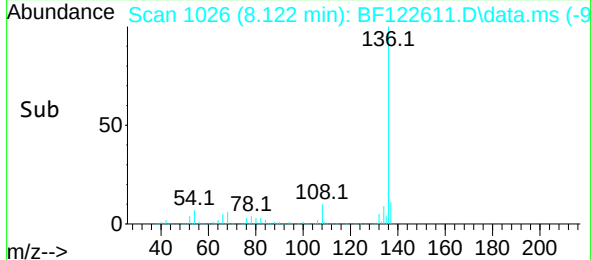
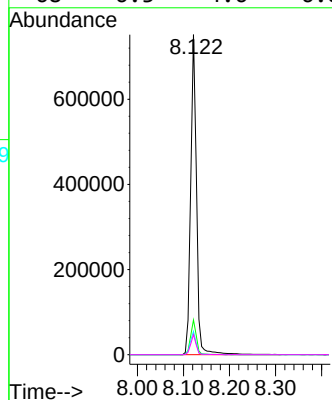
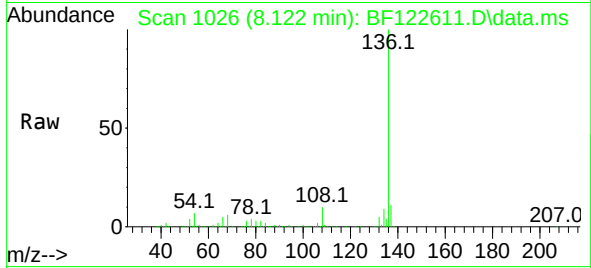




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

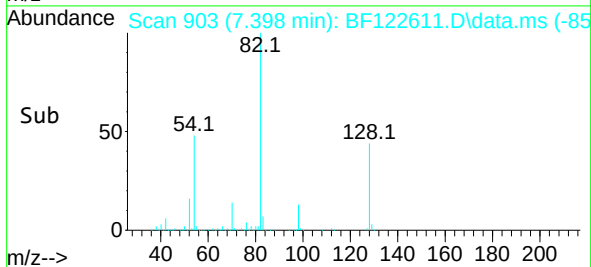
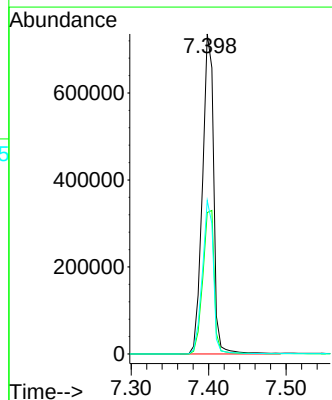
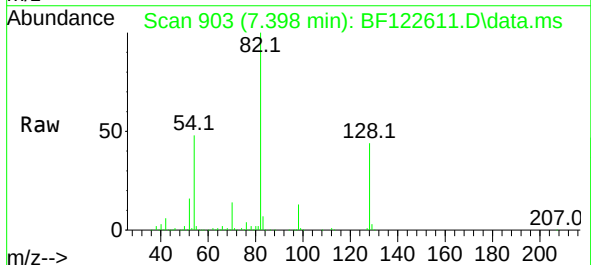
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

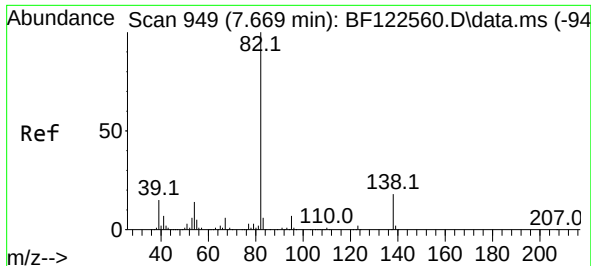
Tgt	Ion:136	Resp:	659427
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	5.5	8.3
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 56.36 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

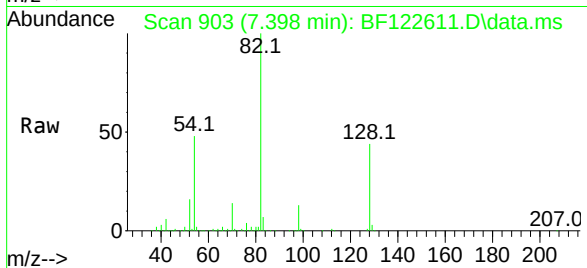
Tgt Ion: 82	Resp: 741839
Ion Ratio	Lower Upper
82 100	
128 44.2	37.0 55.4
54 47.9	38.4 57.6



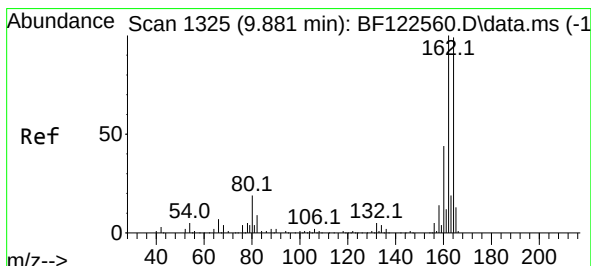
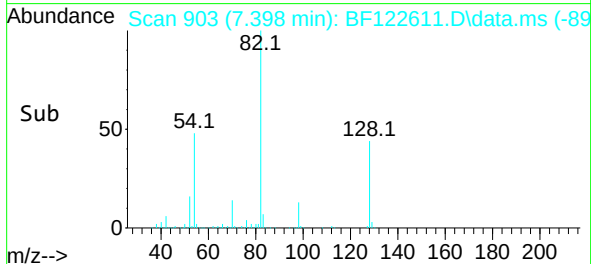
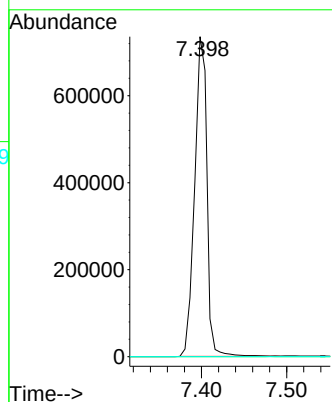


#25
Isophorone
Concen: 32.48 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

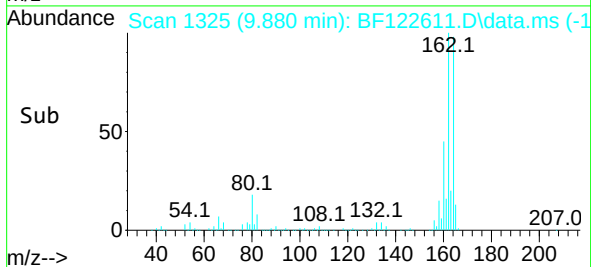
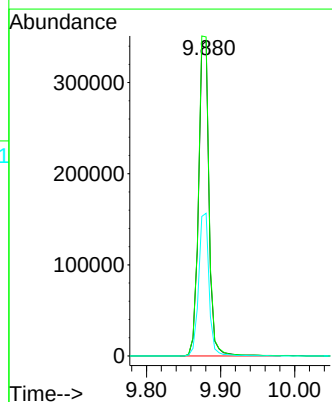
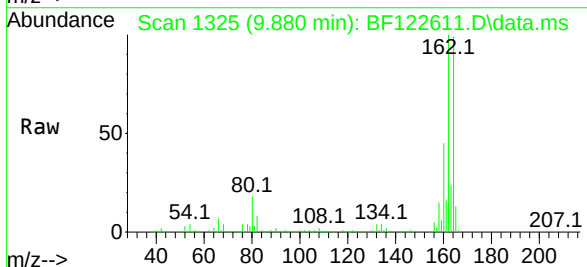


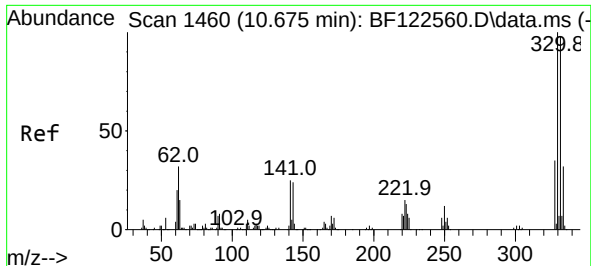
Tgt Ion: 82 Resp: 736395
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

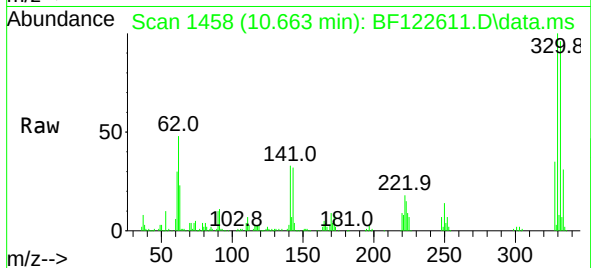
Tgt Ion: 164 Resp: 337547
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.3 35.4 53.0



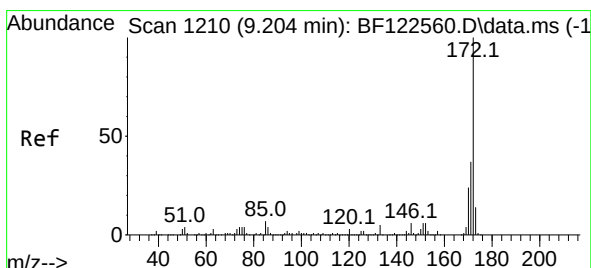
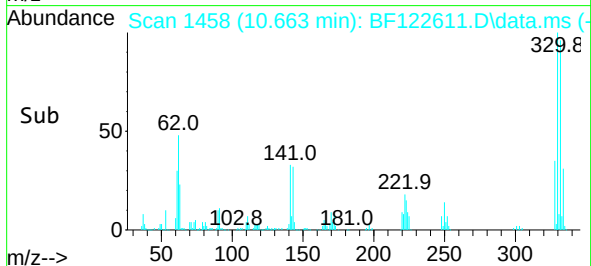
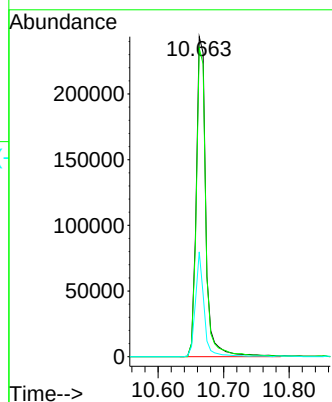


#42
2,4,6-Tribromophenol
Concen: 56.27 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

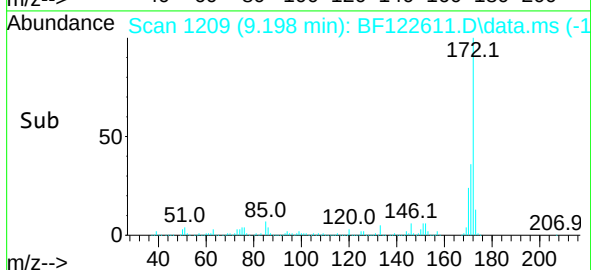
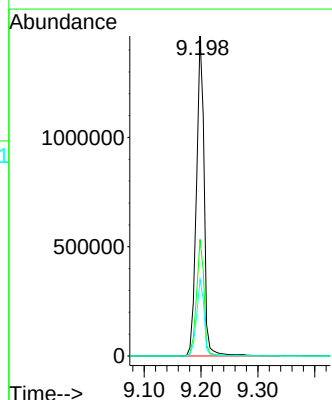
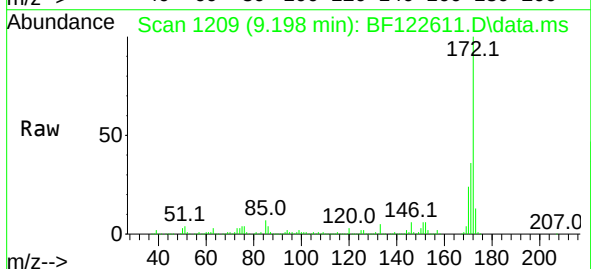


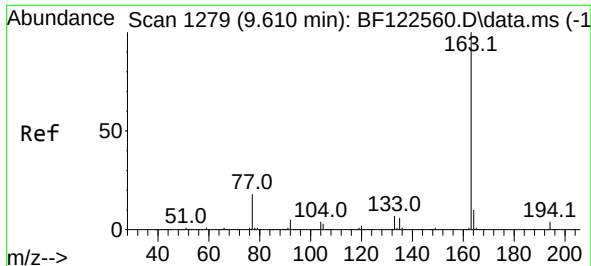
Tgt Ion:330 Resp: 248623
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 29.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.80 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion:172 Resp: 1392479
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.5 29.3

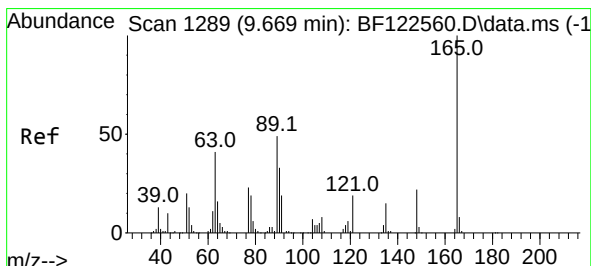
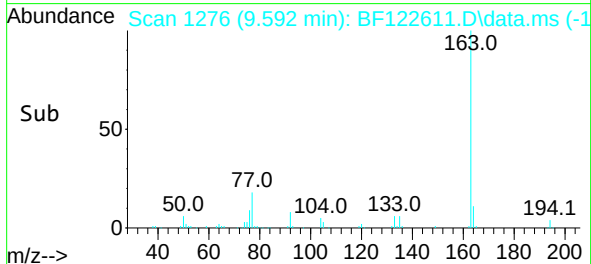
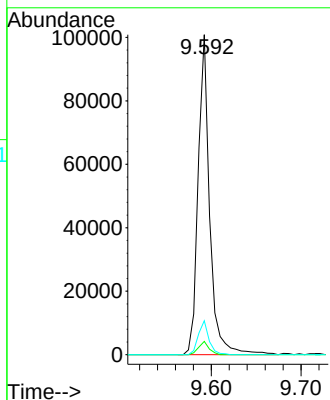
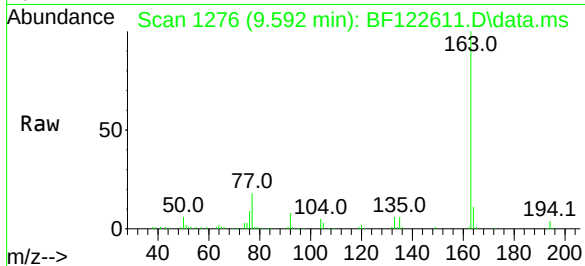




#50
Dimethylphthalate
Concen: 3.35 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

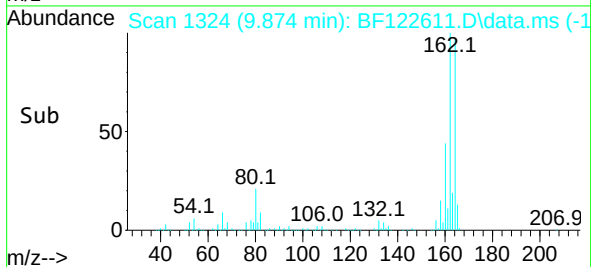
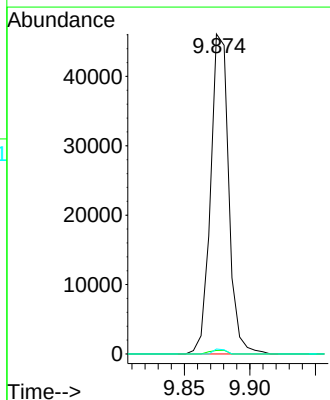
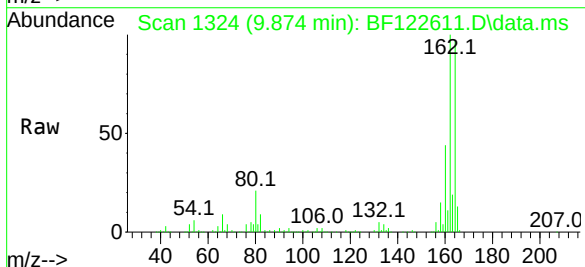
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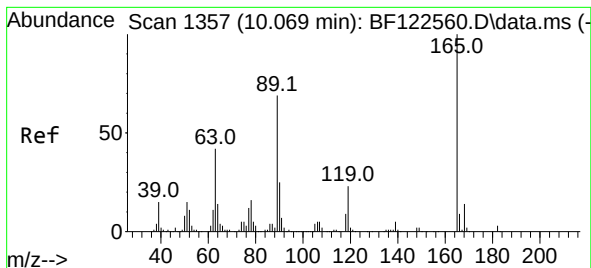
Tgt Ion:163 Resp: 90369
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

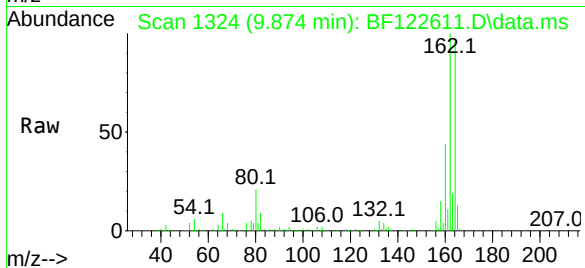
Tgt Ion:165 Resp: 44445
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.6 39.4 59.0#



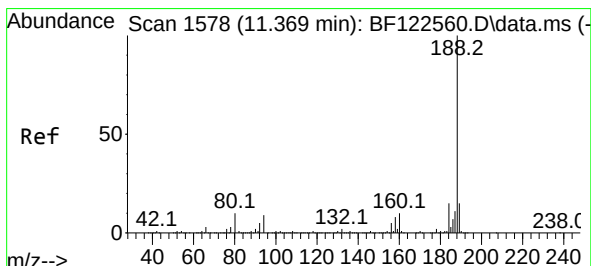
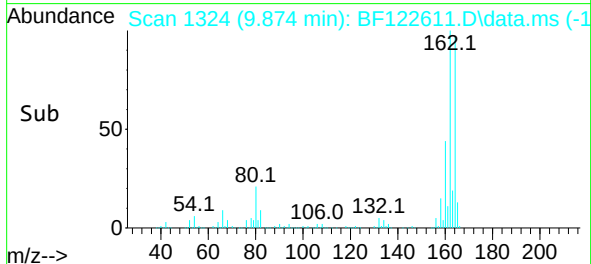
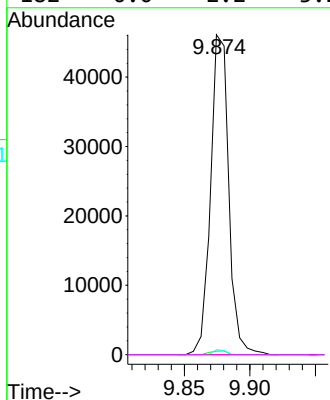


#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Instrument :
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ClientSampleId :
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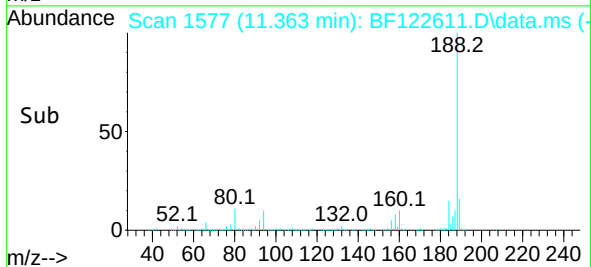
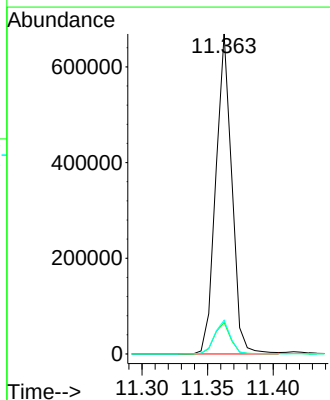
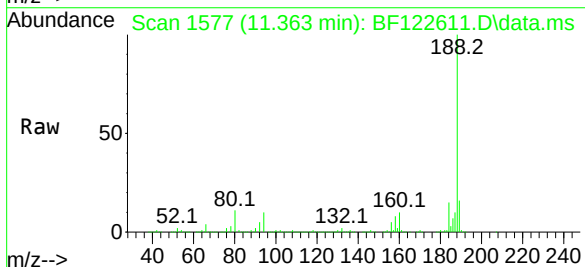


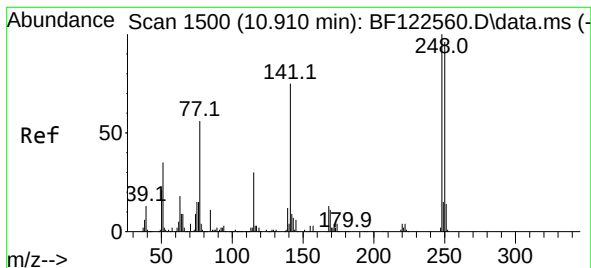
Tgt Ion:165 Resp: 44445
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion:188 Resp: 566649
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.5 8.2 12.4

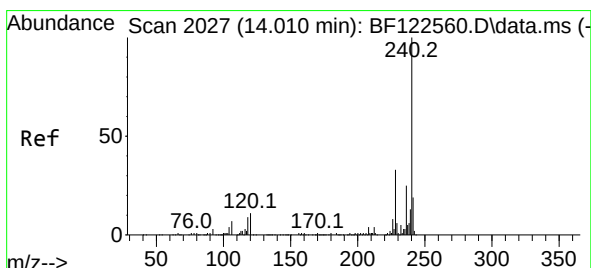
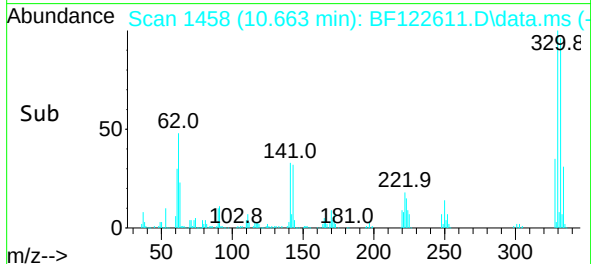
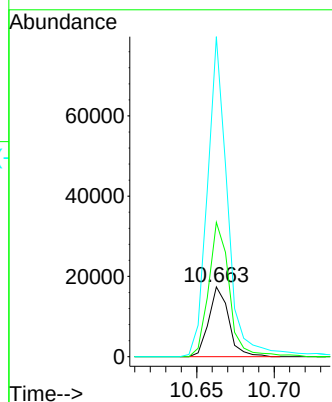
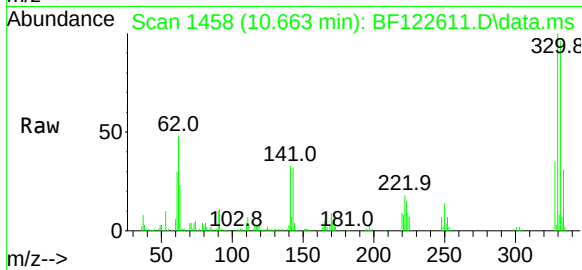




#67
4-Bromophenyl-phenylether
Concen: 2.04 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

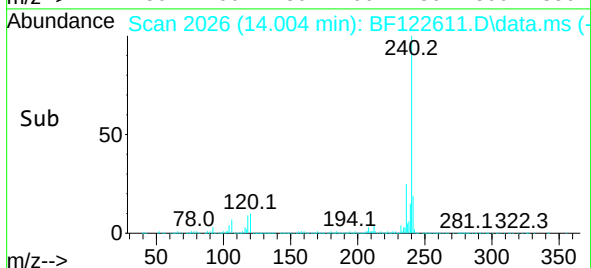
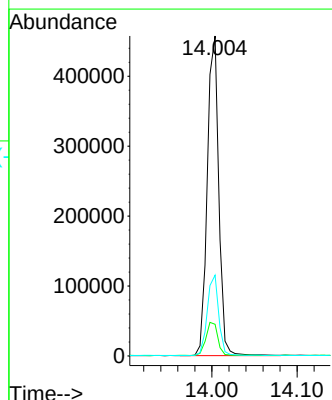
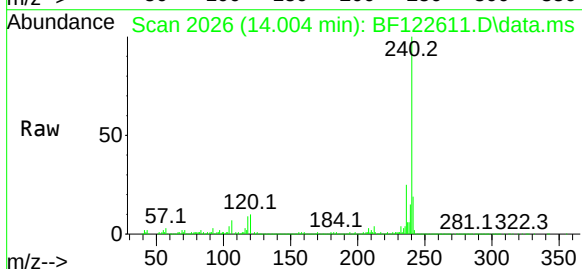
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

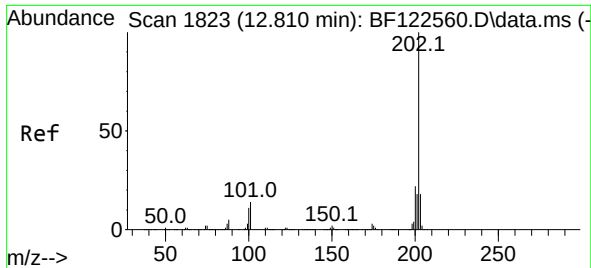
Tgt Ion:248 Resp: 15641
Ion Ratio Lower Upper
248 100
250 192.6 76.8 115.2#
141 458.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion:240 Resp: 427547
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.3 20.3 30.5

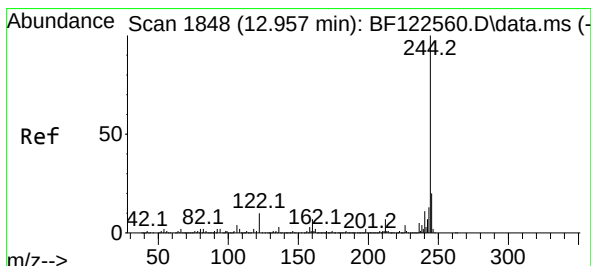
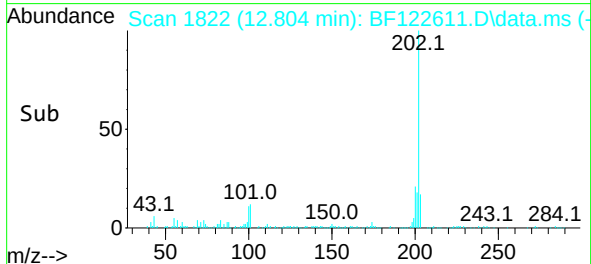
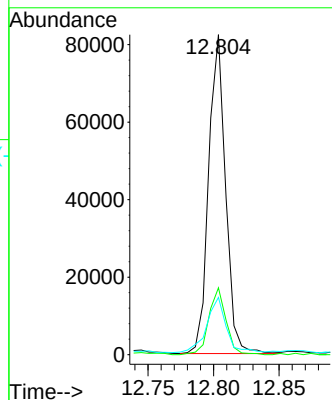
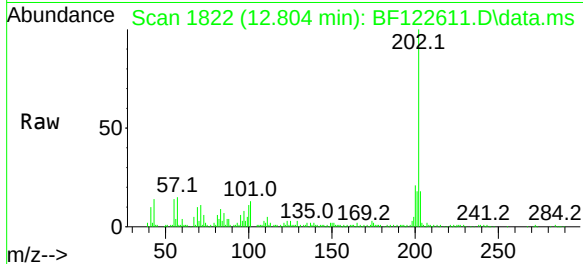




#78
Pyrene
Concen: 2.24 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

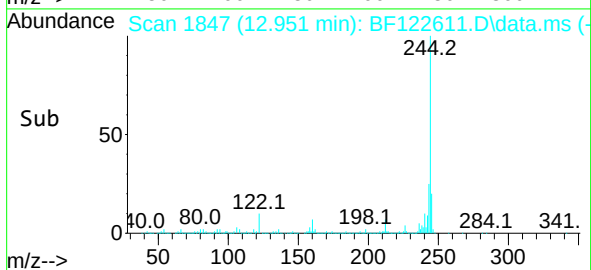
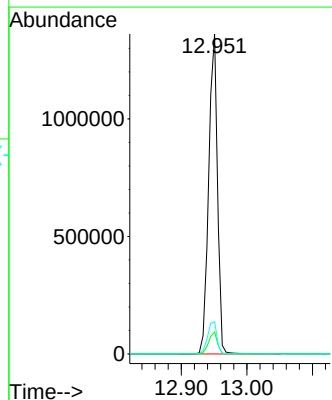
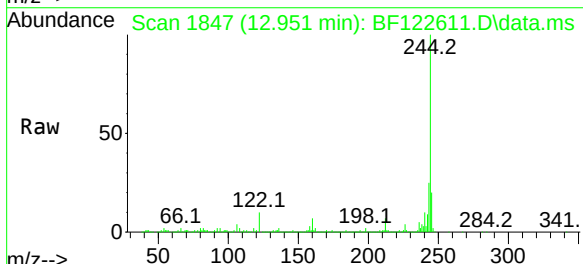
Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

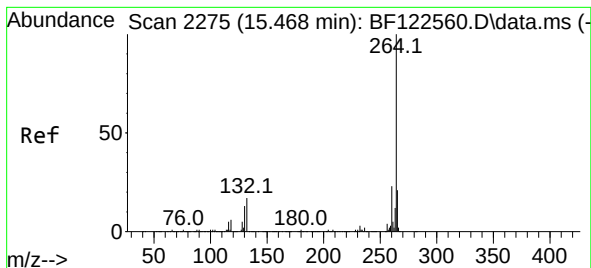
Tgt Ion:202	Resp:	74123
Ion Ratio	Lower	Upper
202	100	
200	20.9	17.6 26.4
203	17.9	14.6 21.8



#79
Terphenyl-d14
Concen: 52.07 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion:244	Resp:	1271757
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.7 8.5
122	10.1	8.3 12.5

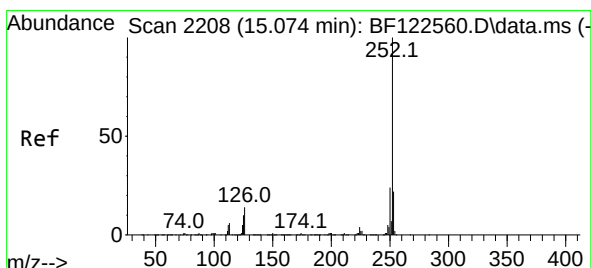
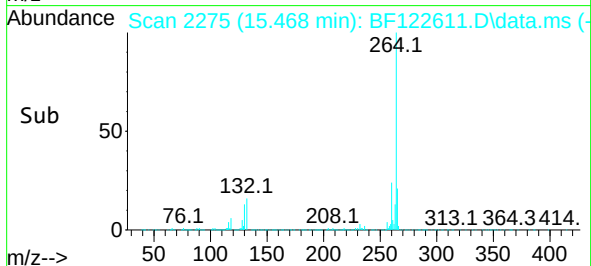
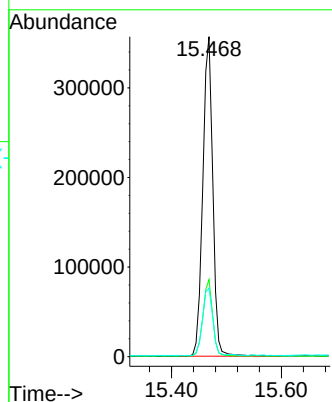
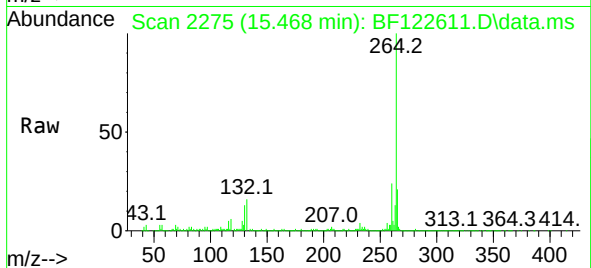




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Instrument :
BNA_F
ClientSampleId :
NORTH-BRANFORD-02

Tgt Ion:264 Resp: 452660
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.4 17.0 25.6



#89
Benzo(k)fluoranthene
Concen: 2.12 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122611.D
Acq: 9 Dec 2020 14:05

Tgt Ion:252 Resp: 61576
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 21.1 8.4 12.6#

