

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122601.D
 Acq On : 8 Dec 2020 21:55
 Operator : JU/CG
 Sample : L4968-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSD-SOIL

Quant Time: Dec 09 01:12:58 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)

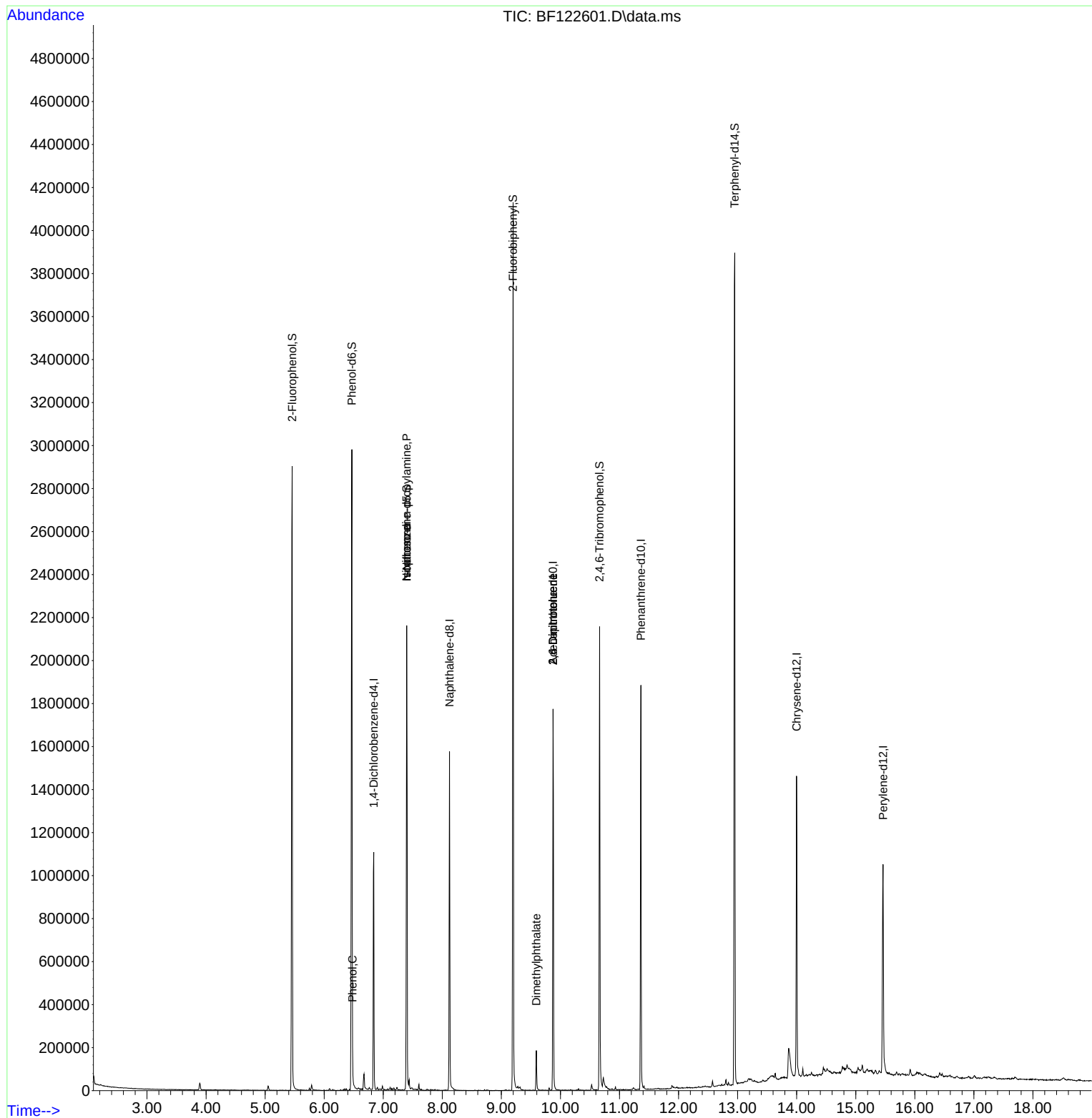
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	166046	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	659450	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	356873	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	662550	20.00	ng	0.00
76) Chrysene-d12	13.998	240	478546	20.00	ng	-0.01
86) Perylene-d12	15.462	264	460731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	863242	82.31	ng	0.00
7) Phenol-d6	6.469	99	1085236	78.02	ng	-0.01
23) Nitrobenzene-d5	7.398	82	674152	51.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	274316	58.72	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1223190	46.36	ng	0.00
79) Terphenyl-d14	12.951	244	1348533	49.33	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	35488	2.46	ng	88
19) n-Nitroso-di-n-propyla...	7.398	70	90016	11.30	ng	# 77
25) Isophorone	7.398	82	667937	29.46	ng	# 65
50) Dimethylphthalate	9.592	163	81513	2.86	ng	98
51) 2,6-Dinitrotoluene	9.875	165	45317	7.53	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	45317	5.65	ng	# 25

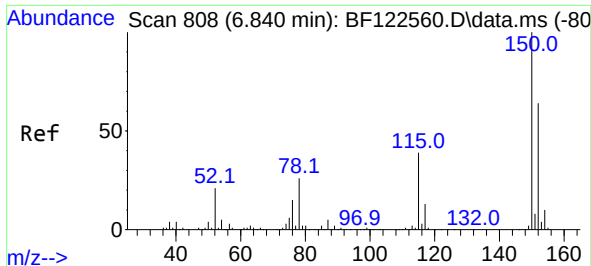
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122601.D
Acq On : 8 Dec 2020 21:55
Operator : JU/CG
Sample : L4968-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

Quant Time: Dec 09 01:12:58 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

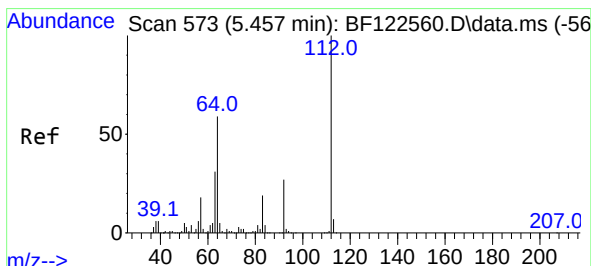
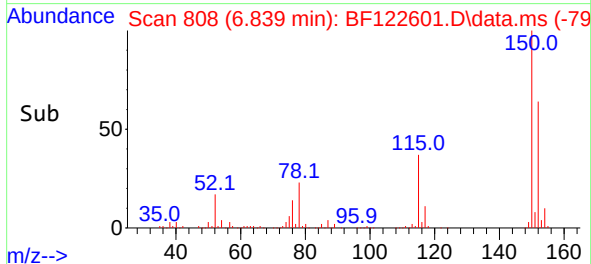
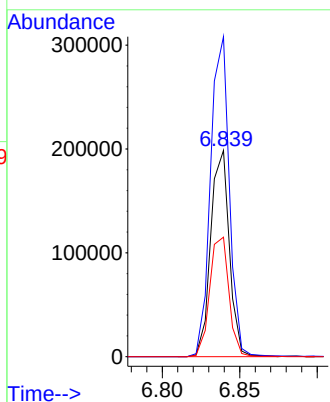
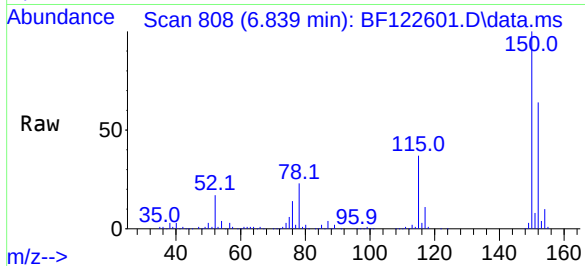




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

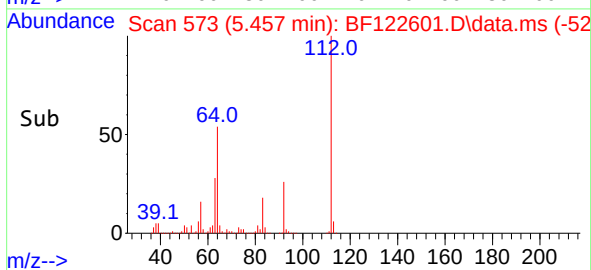
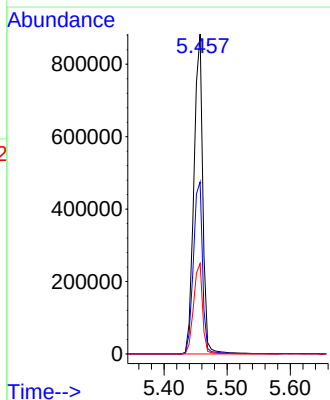
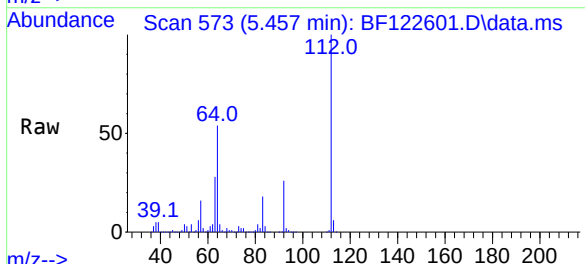
Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

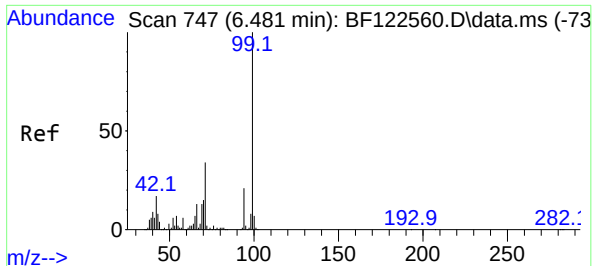
Tgt Ion:152 Resp: 166046
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 58.0 49.3 73.9



#5
2-Fluorophenol
Concen: 82.31 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion:112 Resp: 863242
Ion Ratio Lower Upper
112 100
64 53.7 46.9 70.3
63 28.3 24.5 36.7



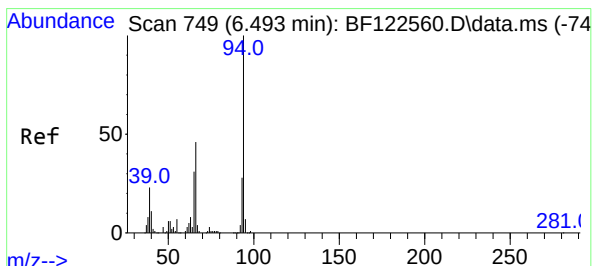
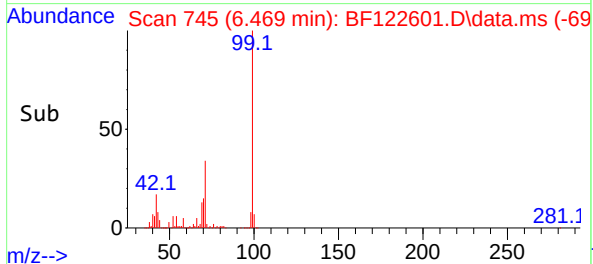
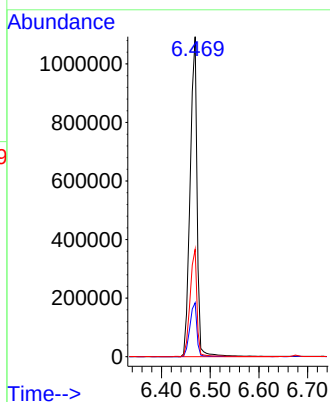
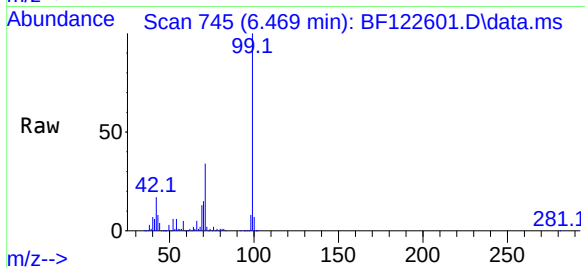


#7
Phenol-d6
Concen: 78.02 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

Tgt Ion: 99 Resp: 1085236

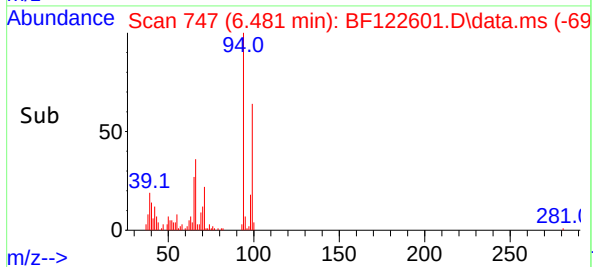
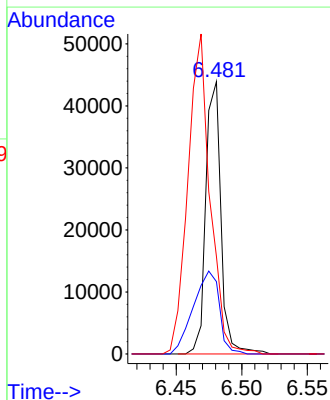
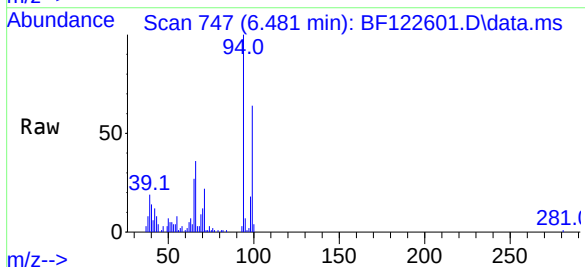
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	33.5	26.9	40.3

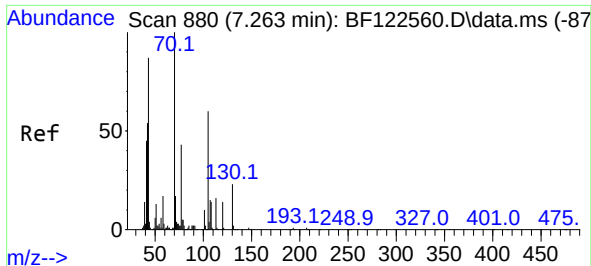


#10
Phenol
Concen: 2.46 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion: 94 Resp: 35488

Ion	Ratio	Lower	Upper
94	100		
65	26.6	11.2	51.2
66	35.8	25.8	65.8



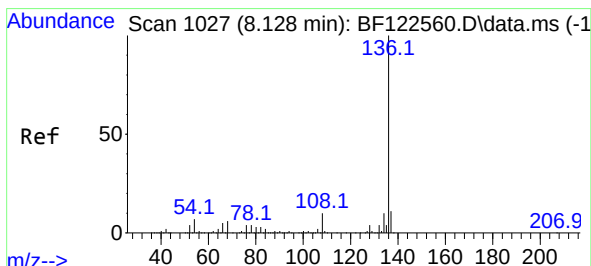
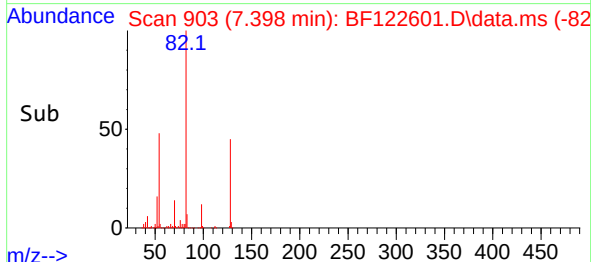
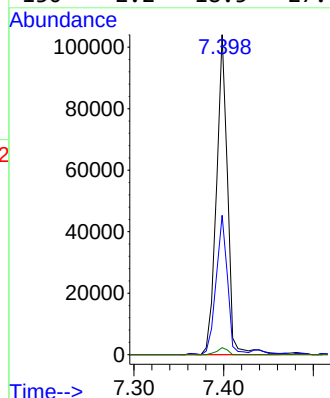
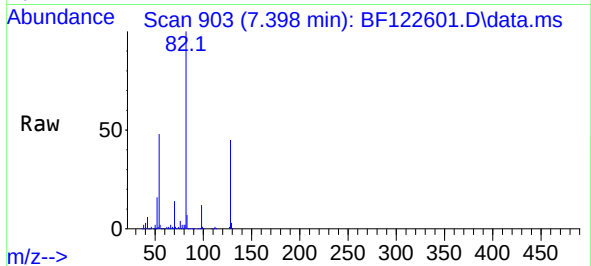


#19
n-Nitroso-di-n-propylamine
Concen: 11.30 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

Tgt Ion: 70 Resp: 90016

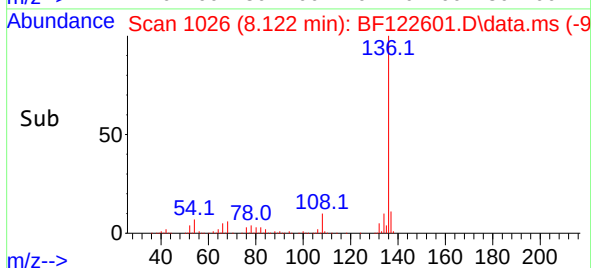
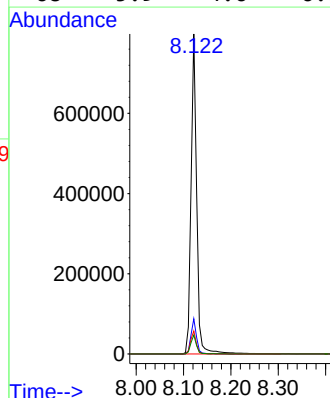
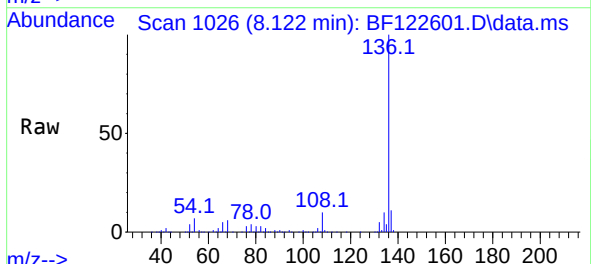
Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#

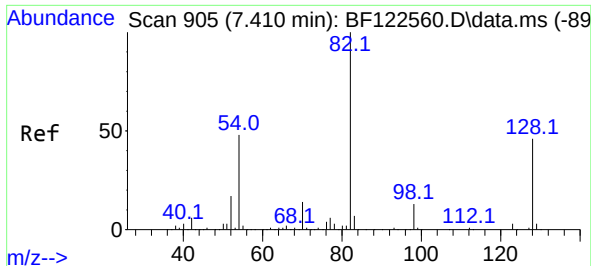


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion: 136 Resp: 659450

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.5	8.3
68	5.9	4.6	6.8

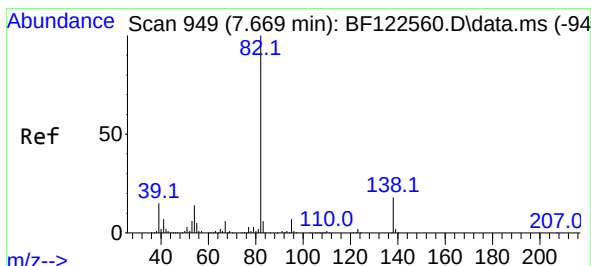
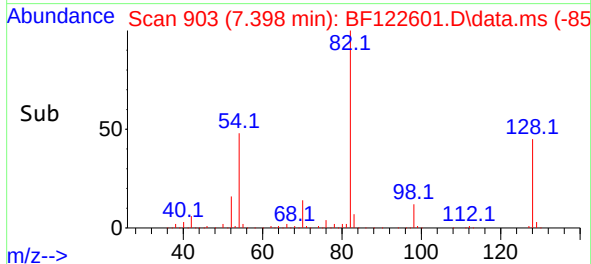
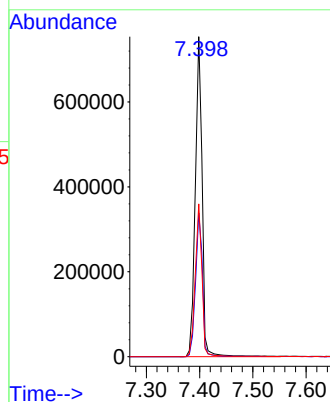
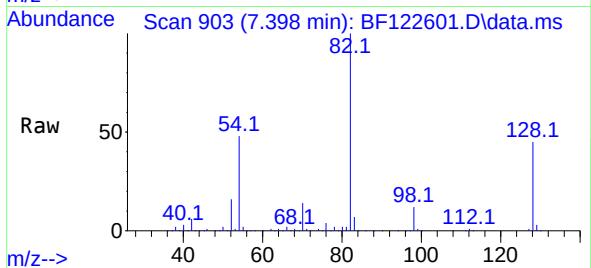




#23
Nitrobenzene-d5
Concen: 51.22 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

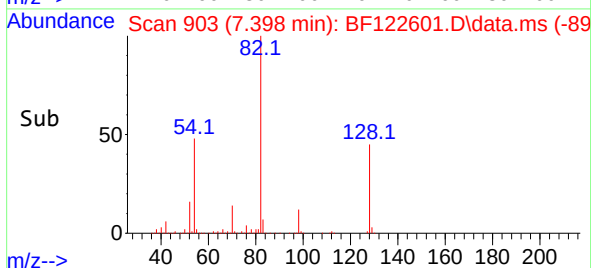
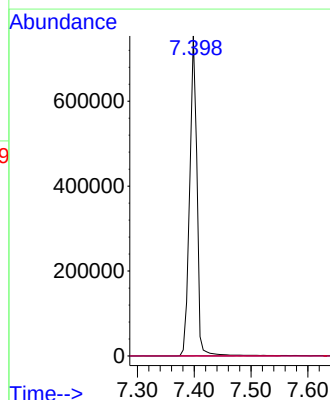
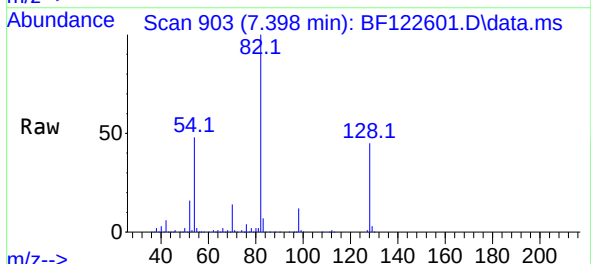
Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

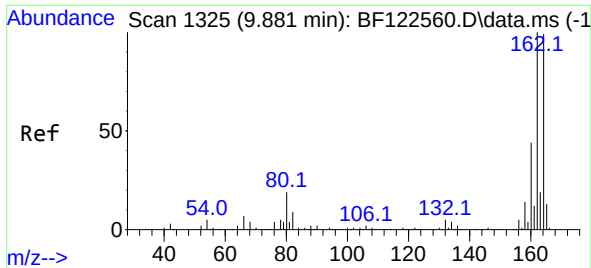
Tgt Ion: 82 Resp: 674152
Ion Ratio Lower Upper
82 100
128 44.9 37.0 55.4
54 47.8 38.4 57.6



#25
Isophorone
Concen: 29.46 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion: 82 Resp: 667937
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: BF122601.D

Acq: 8 Dec 2020 21:55

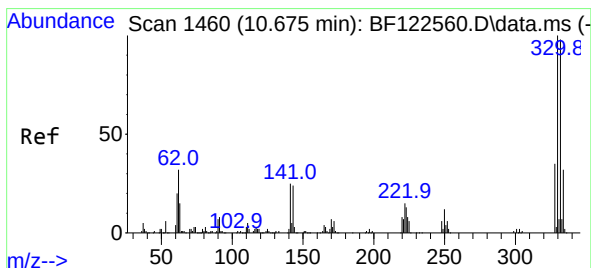
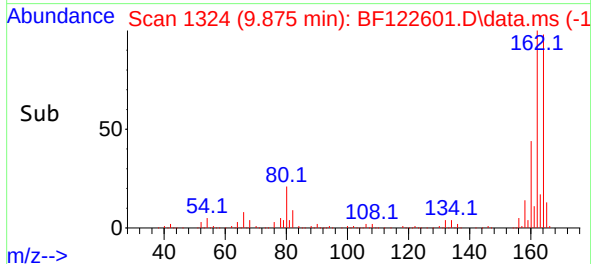
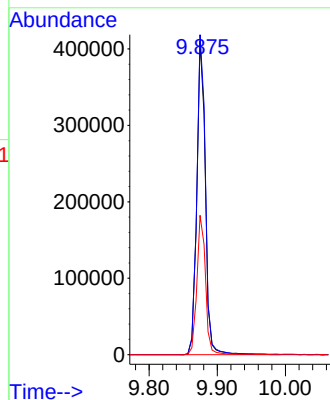
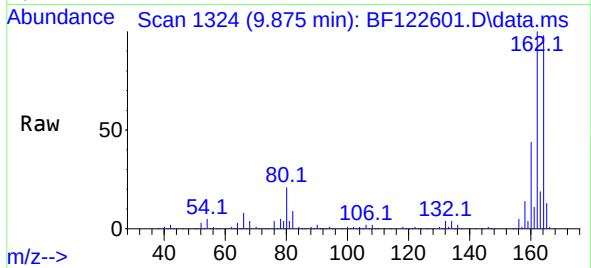
Tgt Ion:164 Resp: 356873

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 58.72 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122601.D

Acq: 8 Dec 2020 21:55

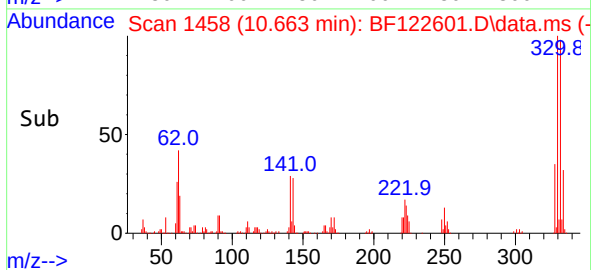
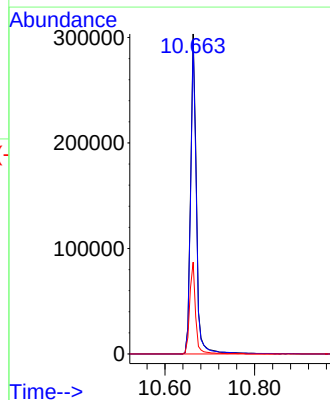
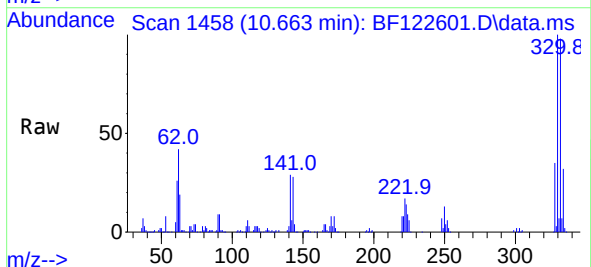
Tgt Ion:330 Resp: 274316

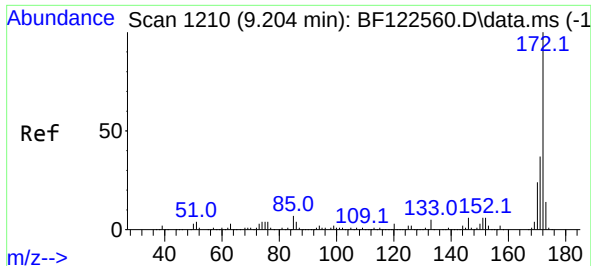
Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 28.5 23.8 35.8

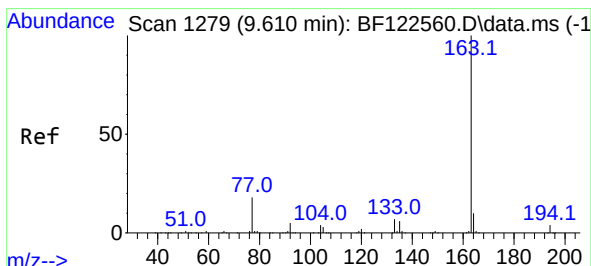
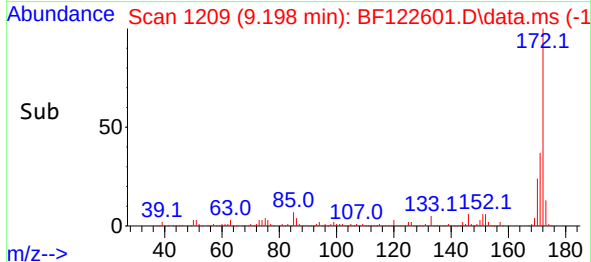
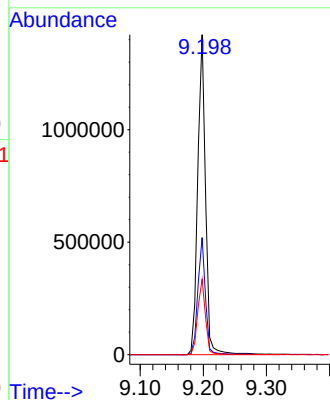
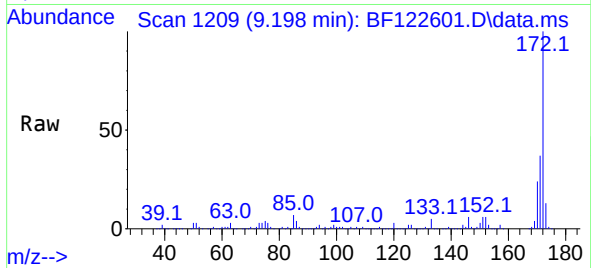




#45
2-Fluorobiphenyl
Concen: 46.36 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

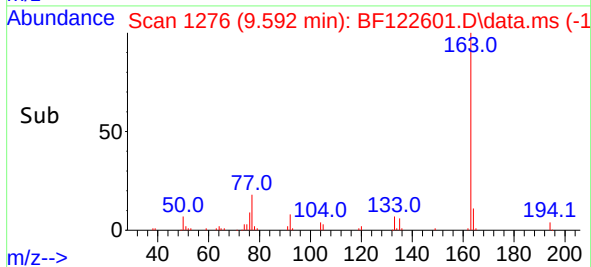
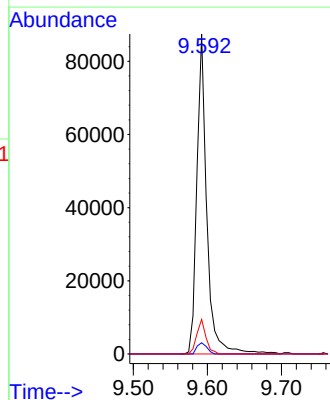
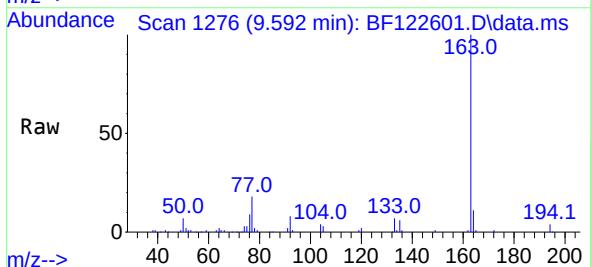
Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

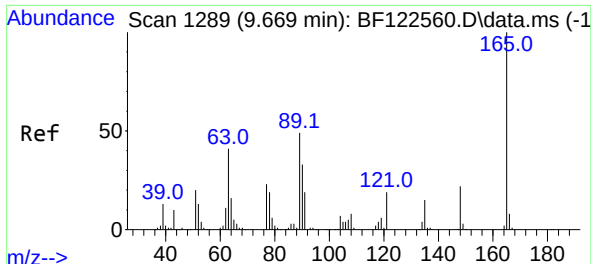
Tgt Ion:172 Resp: 1223190
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 2.86 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion:163 Resp: 81513
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.8 8.1 12.1

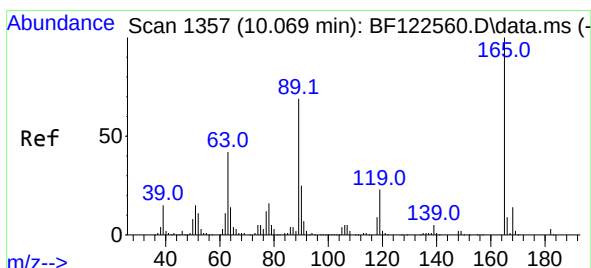
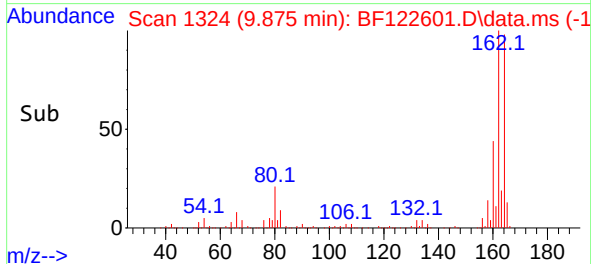
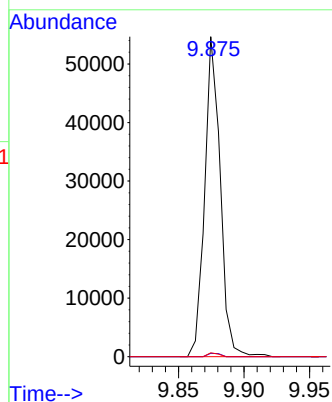
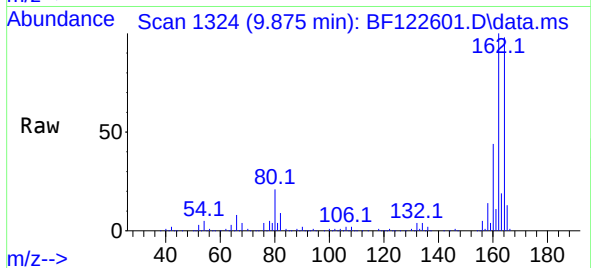




#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

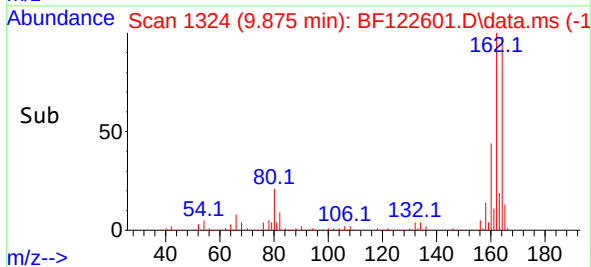
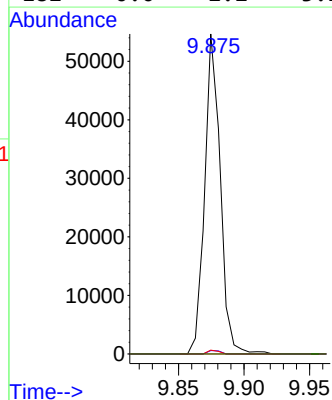
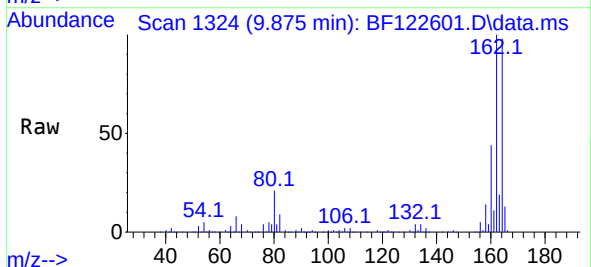
Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

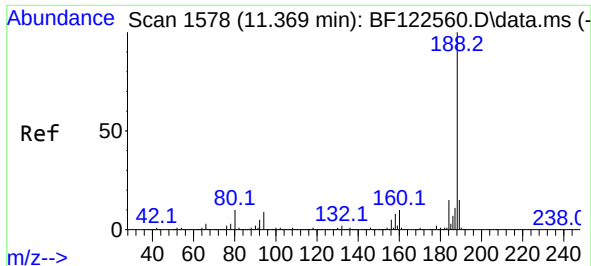
Tgt Ion:165 Resp: 45317
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion:165 Resp: 45317
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

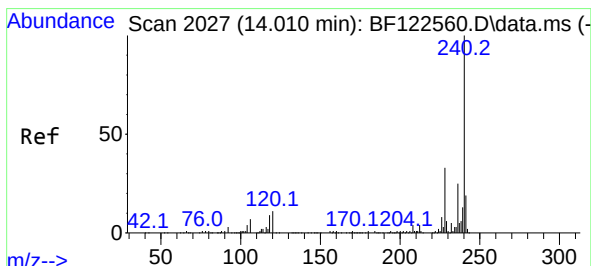
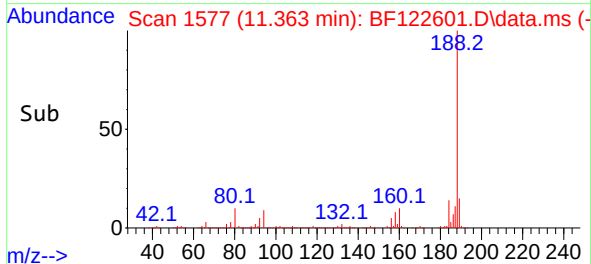
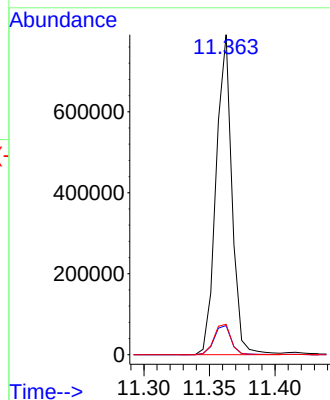
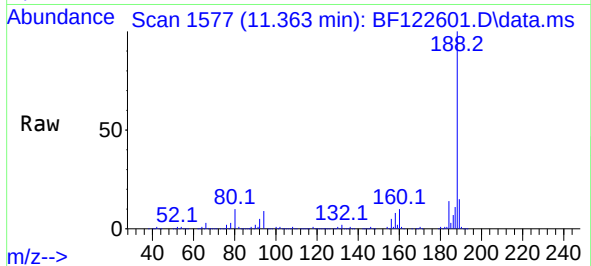




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

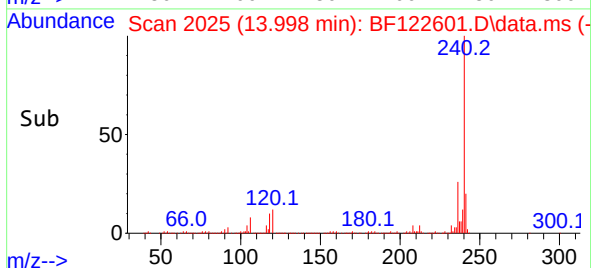
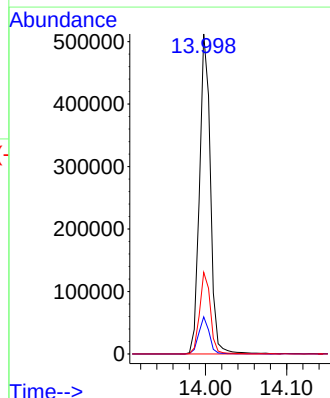
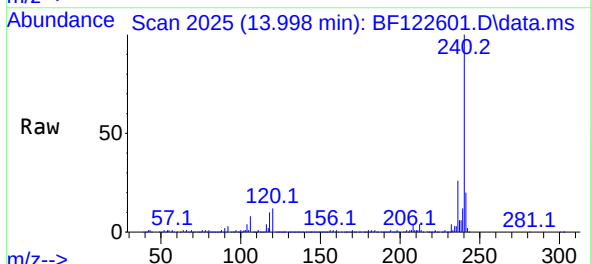
Instrument :
BNA_F
ClientSampleId :
HSD-SOIL

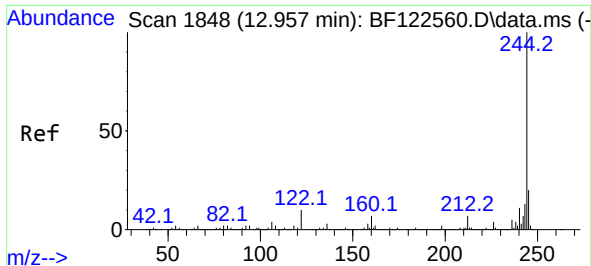
Tgt Ion:188 Resp: 662550
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

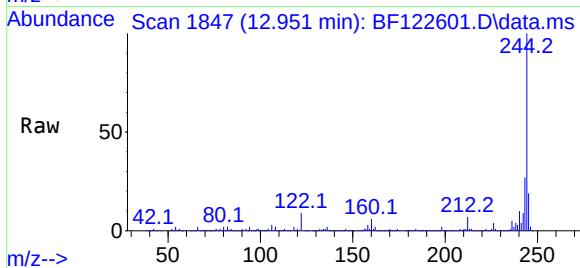
Tgt Ion:240 Resp: 478546
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.5 20.3 30.5



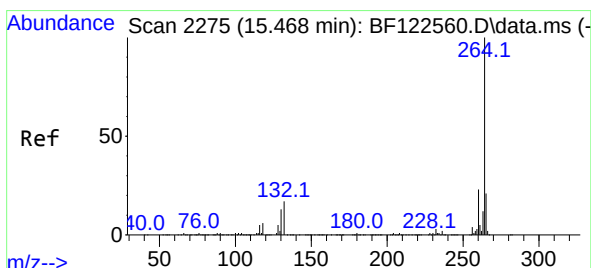
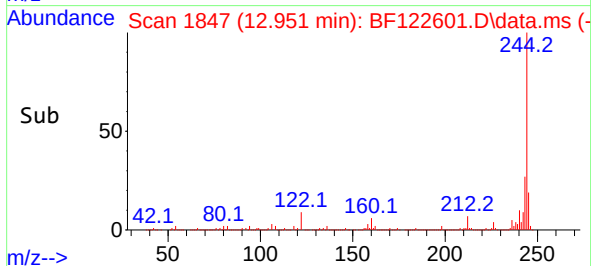
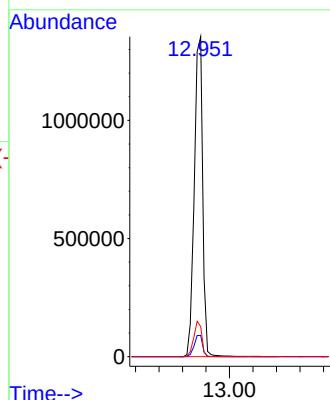


#79
Terphenyl-d14
Concen: 49.33 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Instrument :
BNA_F
ClientSampleId :
HSD-SOIL



Tgt Ion:244 Resp: 1348533
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122601.D
Acq: 8 Dec 2020 21:55

Tgt Ion:264 Resp: 460731
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.4 17.0 25.6

