

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122987.D
 Acq On : 18 Jan 2021 14:28
 Operator : JU/CG
 Sample : M1100-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-LIGHT

Quant Time: Jan 18 14:57:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

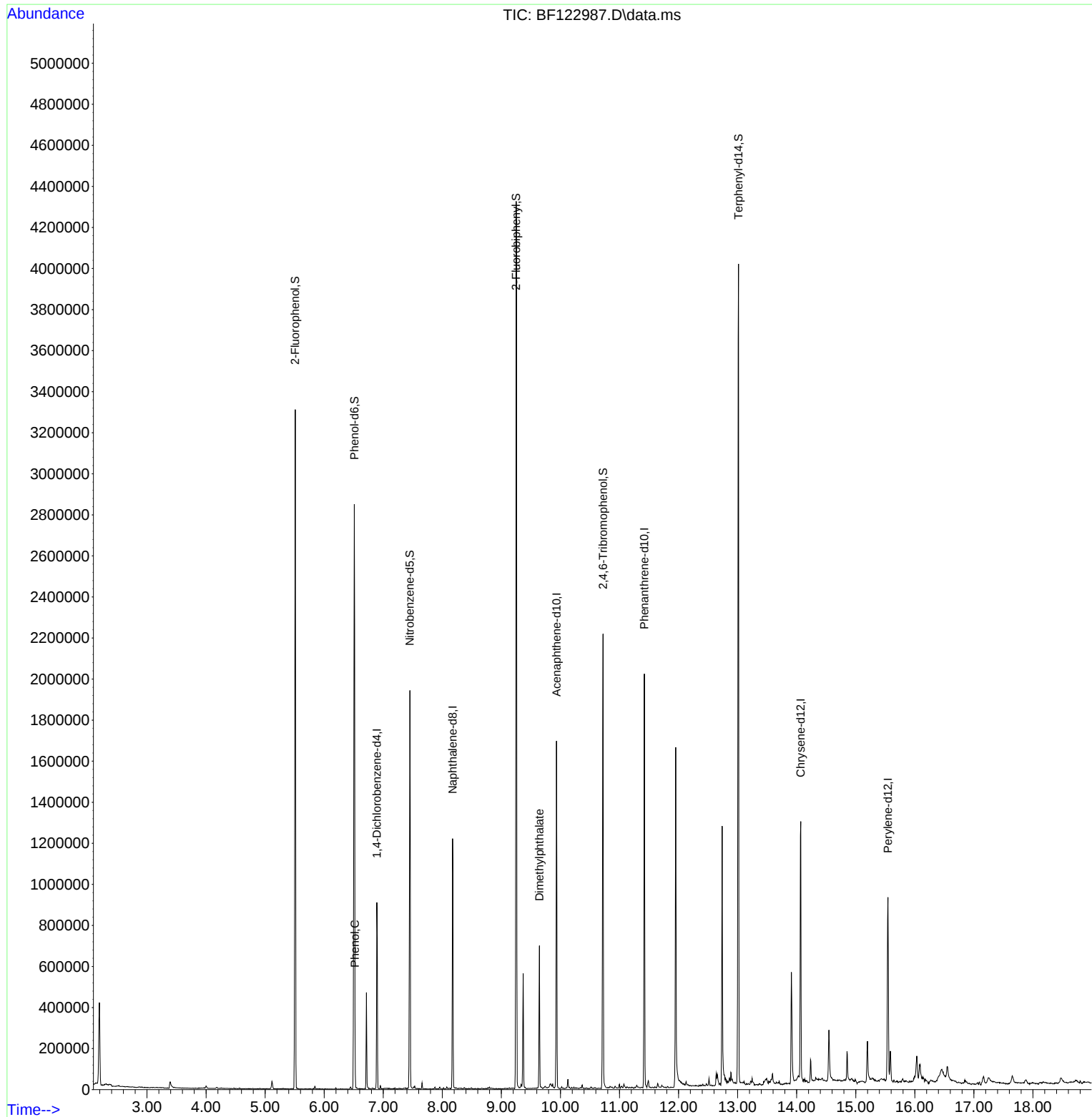
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	110692	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	507399	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	302251	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	610631	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	400402	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	376724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	732700	100.06	ng	0.00
7) Phenol-d6	6.510	99	899401	91.39	ng	-0.01
23) Nitrobenzene-d5	7.451	82	583506	59.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	220194	64.42	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1325290	61.40	ng	0.00
79) Terphenyl-d14	13.015	244	1205912	55.22	ng	0.00
Target Compounds						
10) Phenol	6.522	94	36286	3.67	ng	98
50) Dimethylphthalate	9.645	163	236813	10.09	ng	99

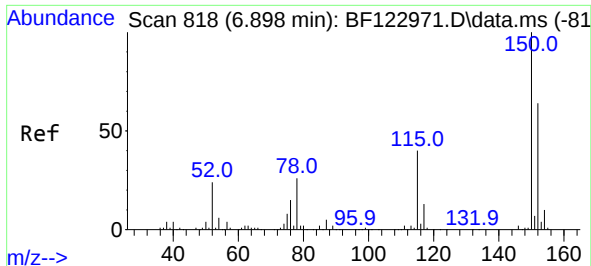
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122987.D
Acq On : 18 Jan 2021 14:28
Operator : JU/CG
Sample : M1100-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

Quant Time: Jan 18 14:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

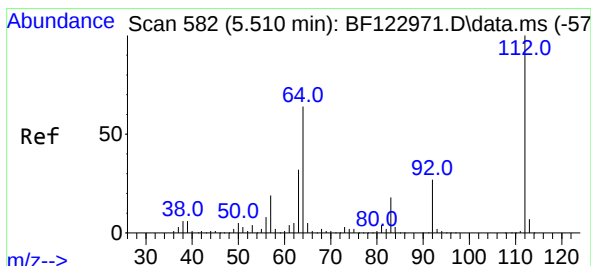
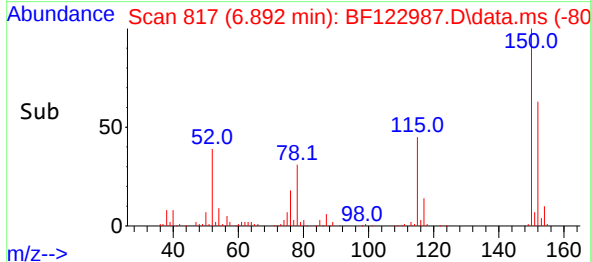
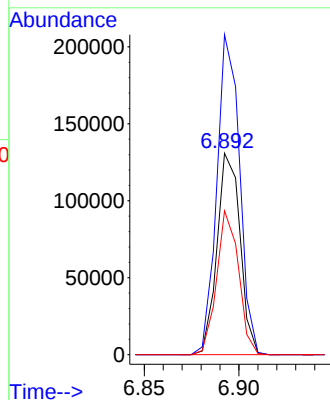
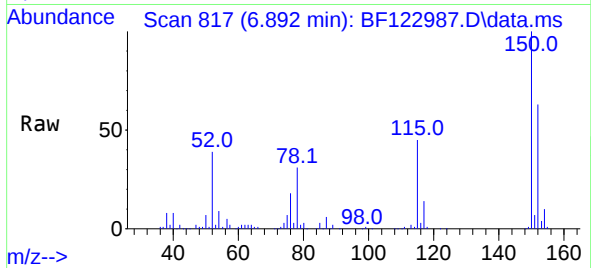




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

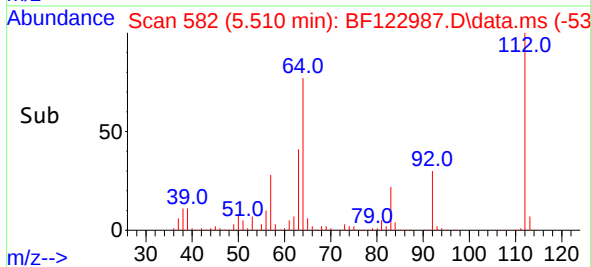
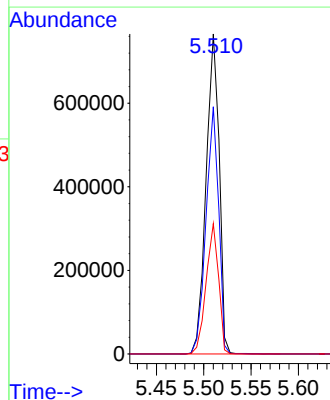
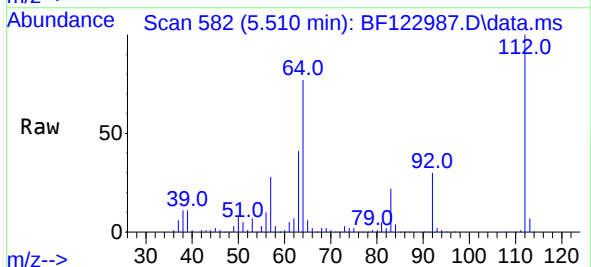
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

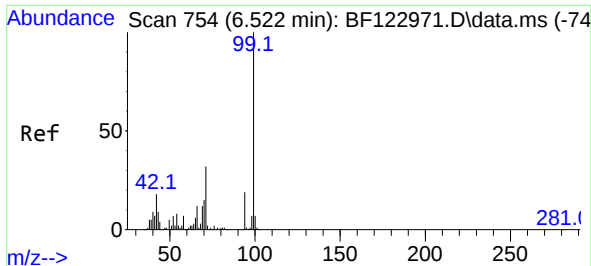
Tgt Ion:152 Resp: 110692
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 71.4 49.3 73.9



#5
2-Fluorophenol
Concen: 100.06 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion:112 Resp: 732700
Ion Ratio Lower Upper
112 100
64 77.2 46.9 70.3#
63 40.7 24.5 36.7#

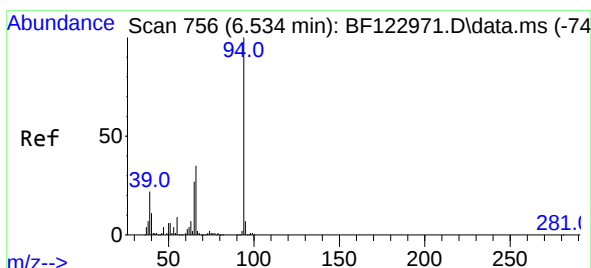
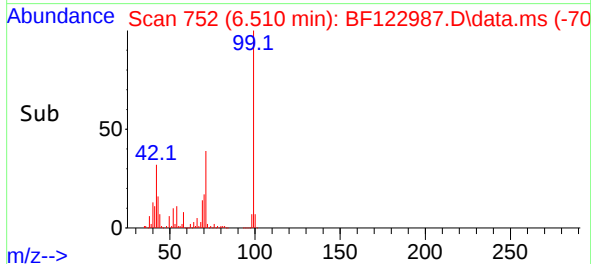
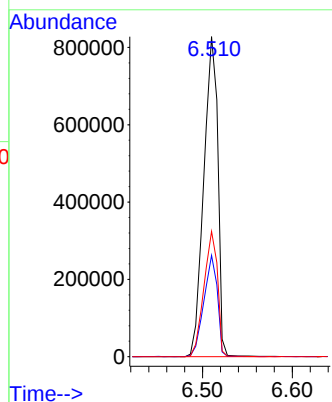
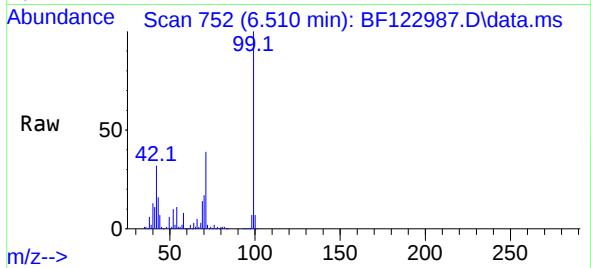




#7
Phenol-d6
Concen: 91.39 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

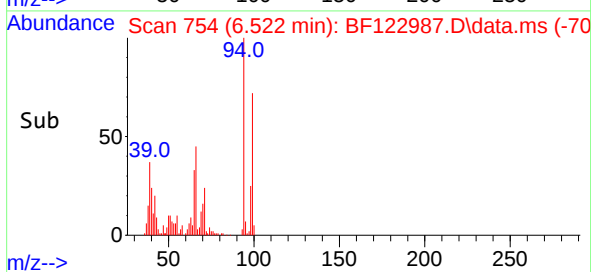
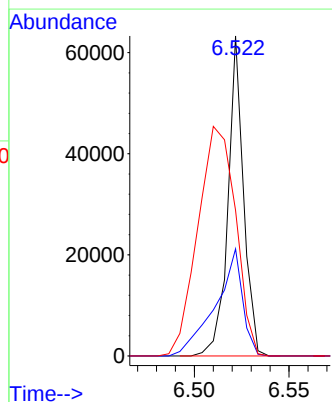
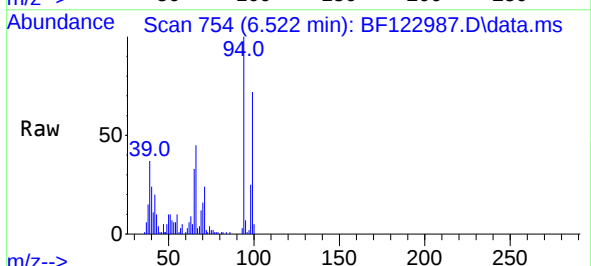
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

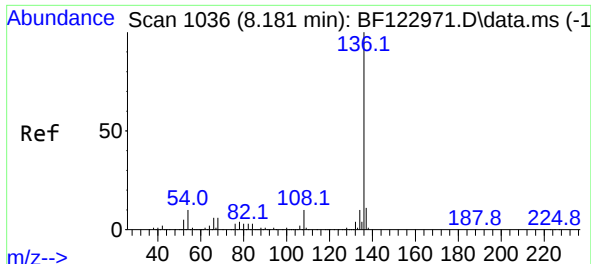
Tgt Ion: 99 Resp: 899401
Ion Ratio Lower Upper
99 100
42 31.6 13.8 20.6#
71 39.1 26.9 40.3



#10
Phenol
Concen: 3.67 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion: 94 Resp: 36286
Ion Ratio Lower Upper
94 100
65 33.5 11.2 51.2
66 45.5 25.8 65.8



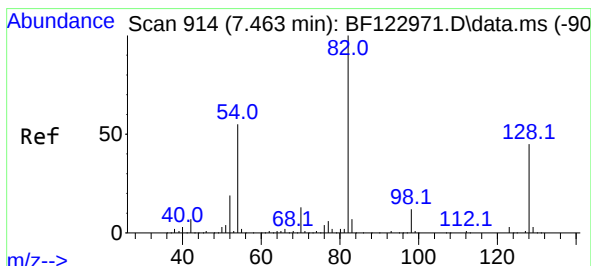
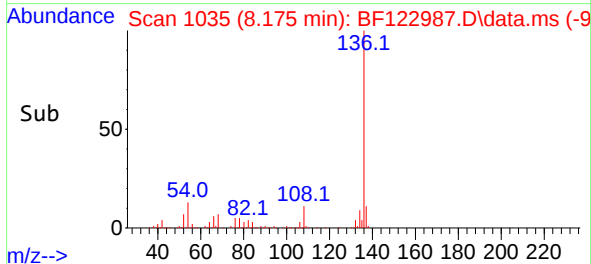
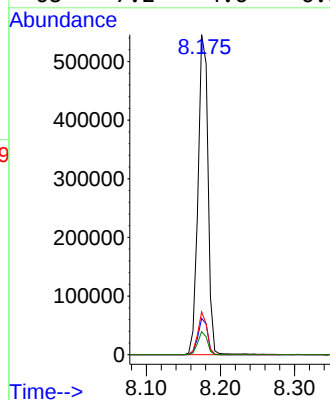
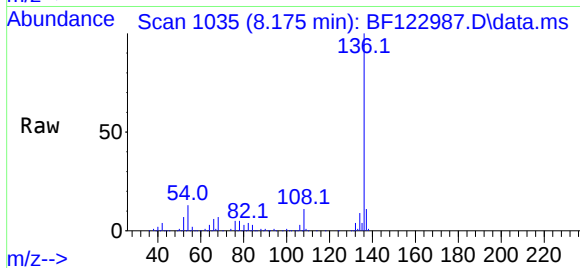


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

Tgt Ion:136 Resp: 507399

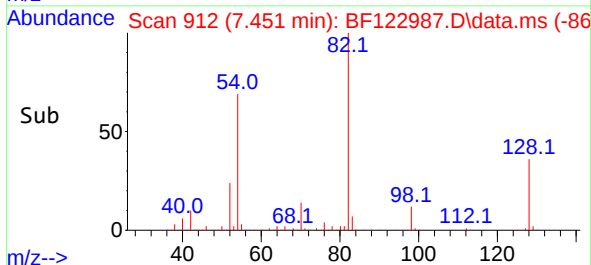
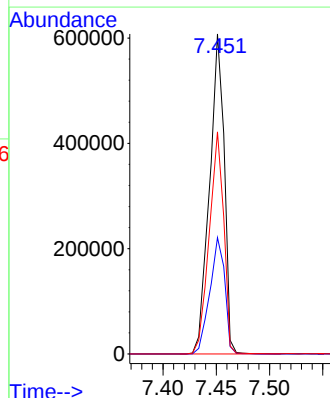
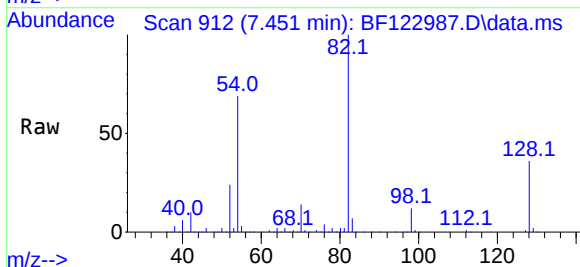
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.4	5.5	8.3#
68	7.2	4.6	6.8#

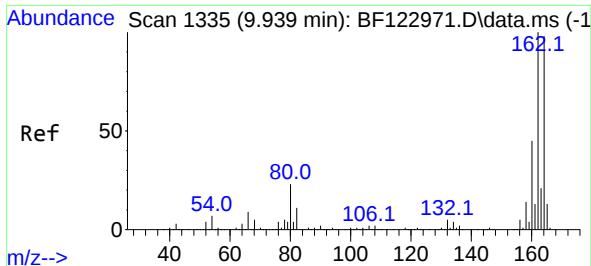


#23
Nitrobenzene-d5
Concen: 59.18 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion: 82 Resp: 583506

Ion	Ratio	Lower	Upper
82	100		
128	36.4	37.0	55.4#
54	69.4	38.4	57.6#

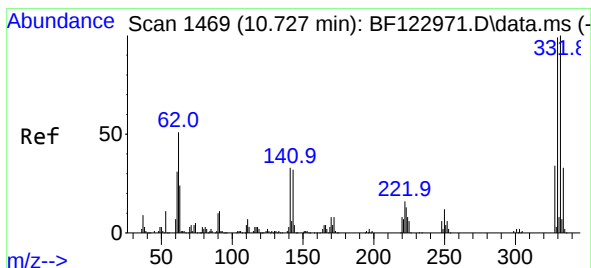
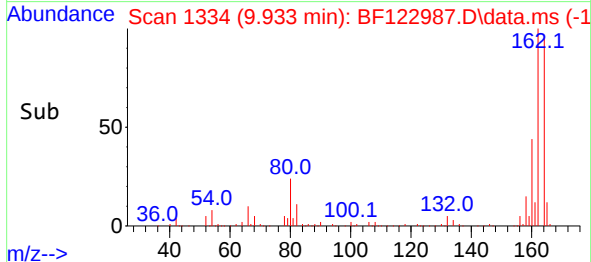
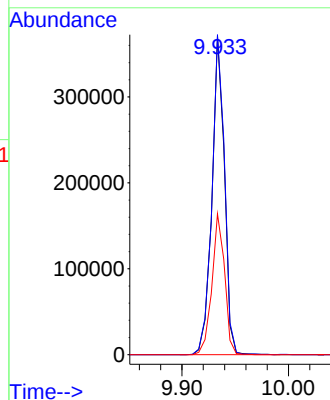
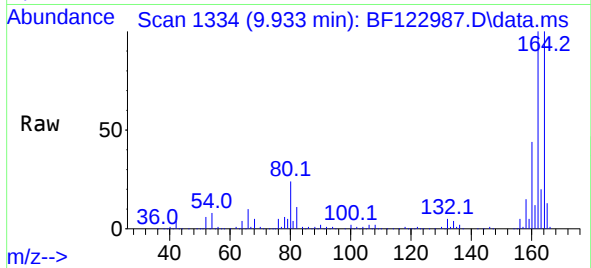




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

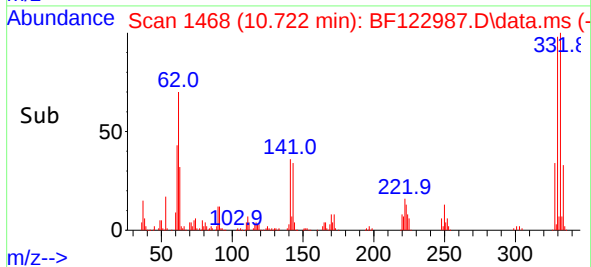
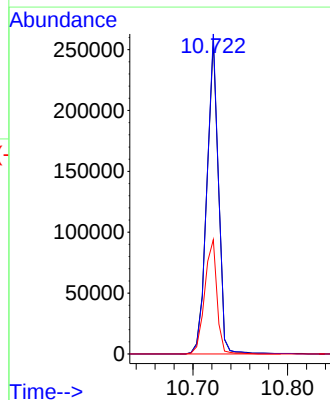
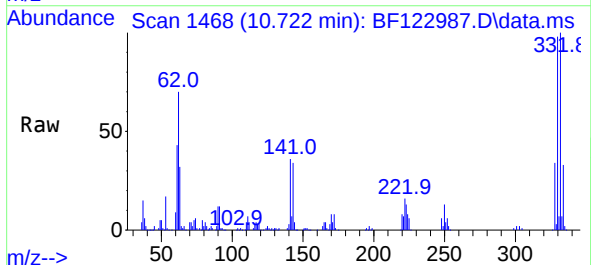
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

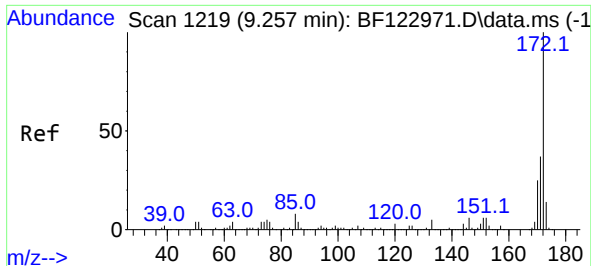
Tgt Ion:164 Resp: 302251
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 64.42 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion:330 Resp: 220194
Ion Ratio Lower Upper
330 100
332 100.7 77.5 116.3
141 38.3 23.8 35.8#

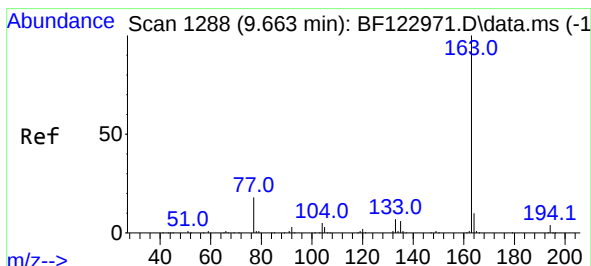
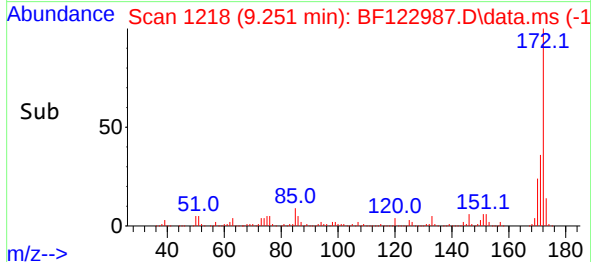
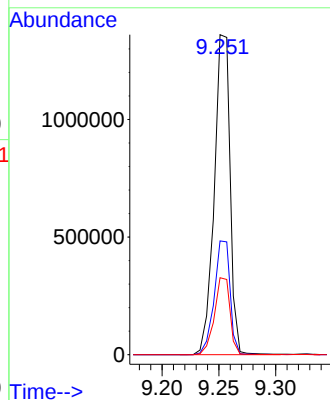
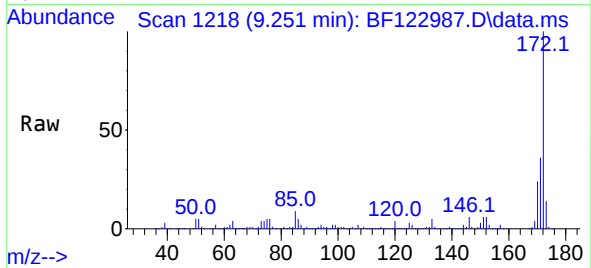




#45
2-Fluorobiphenyl
Concen: 61.40 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

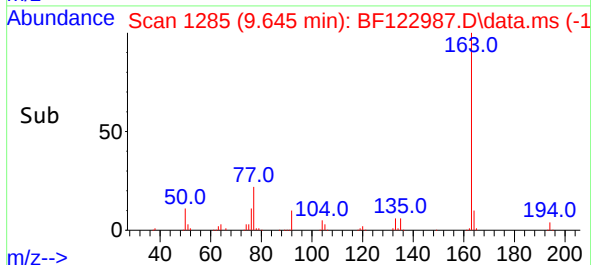
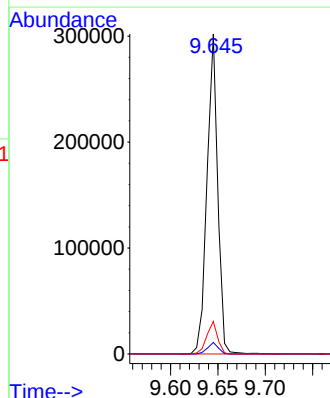
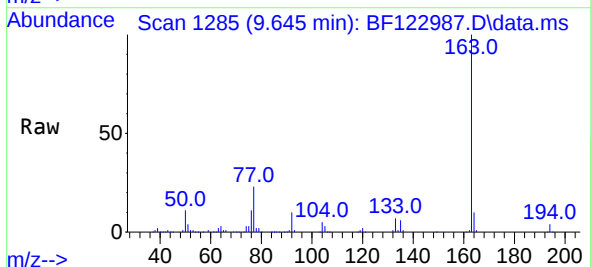
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

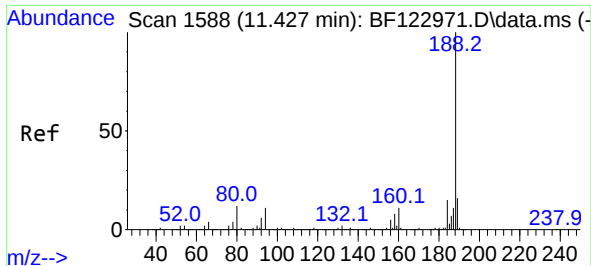
Tgt Ion:172 Resp: 1325290
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 10.09 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion:163 Resp: 236813
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.2 8.1 12.1

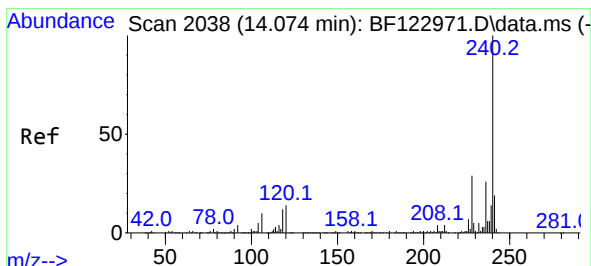
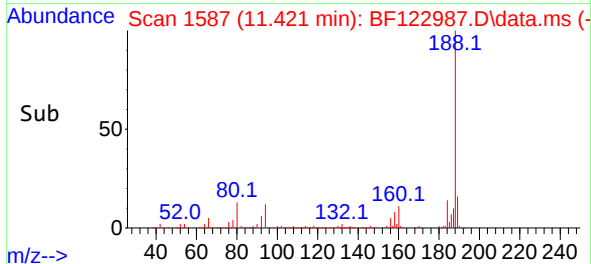
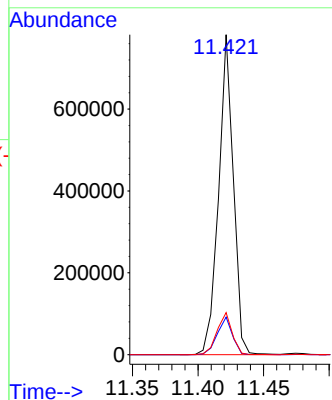
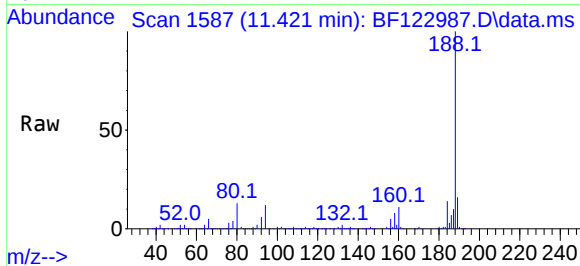




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

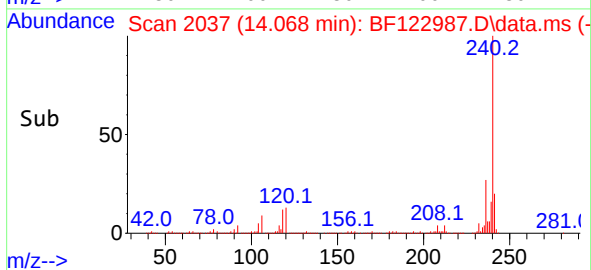
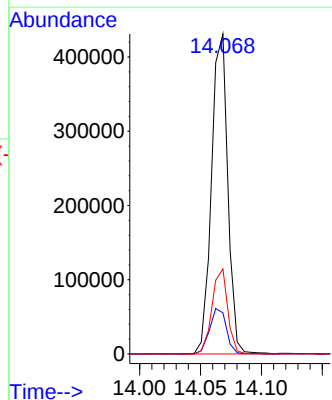
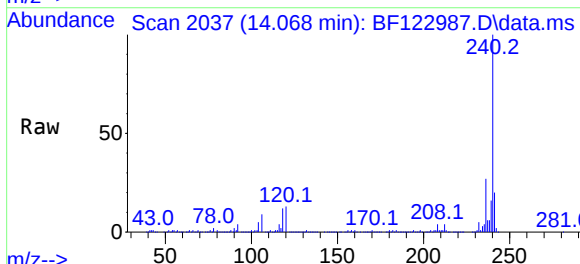
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-LIGHT

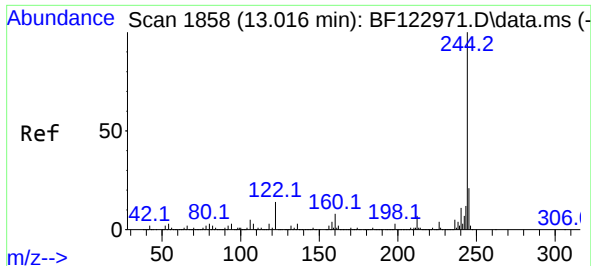
Tgt Ion:188 Resp: 610631
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 13.2 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122987.D
Acq: 18 Jan 2021 14:28

Tgt Ion:240 Resp: 400402
Ion Ratio Lower Upper
240 100
120 12.8 8.6 12.8#
236 26.5 20.3 30.5

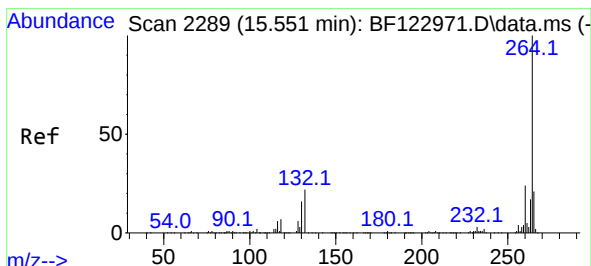
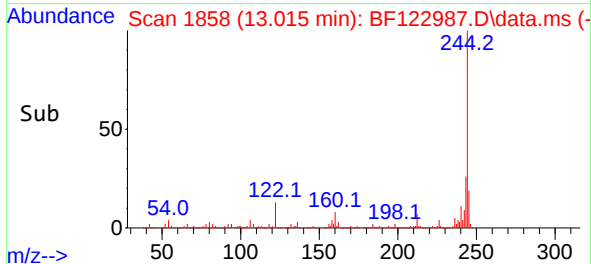
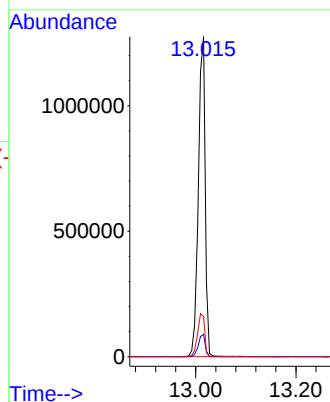
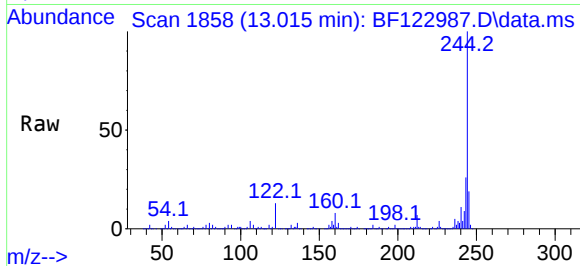




#79
 Terphenyl-d14
 Concen: 55.22 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. -0.001 min
 Lab File: BF122987.D
 Acq: 18 Jan 2021 14:28

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-LIGHT

Tgt Ion:244 Resp: 1205912
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.6 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF122987.D
 Acq: 18 Jan 2021 14:28

Tgt Ion:264 Resp: 376724
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.6 17.0 25.6

