

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123997.D
 Acq On : 19 May 2021 18:56
 Operator : JU/CG
 Sample : M2449-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOP-SOIL-COMPOSITE-PILE-3

Quant Time: May 20 02:26:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

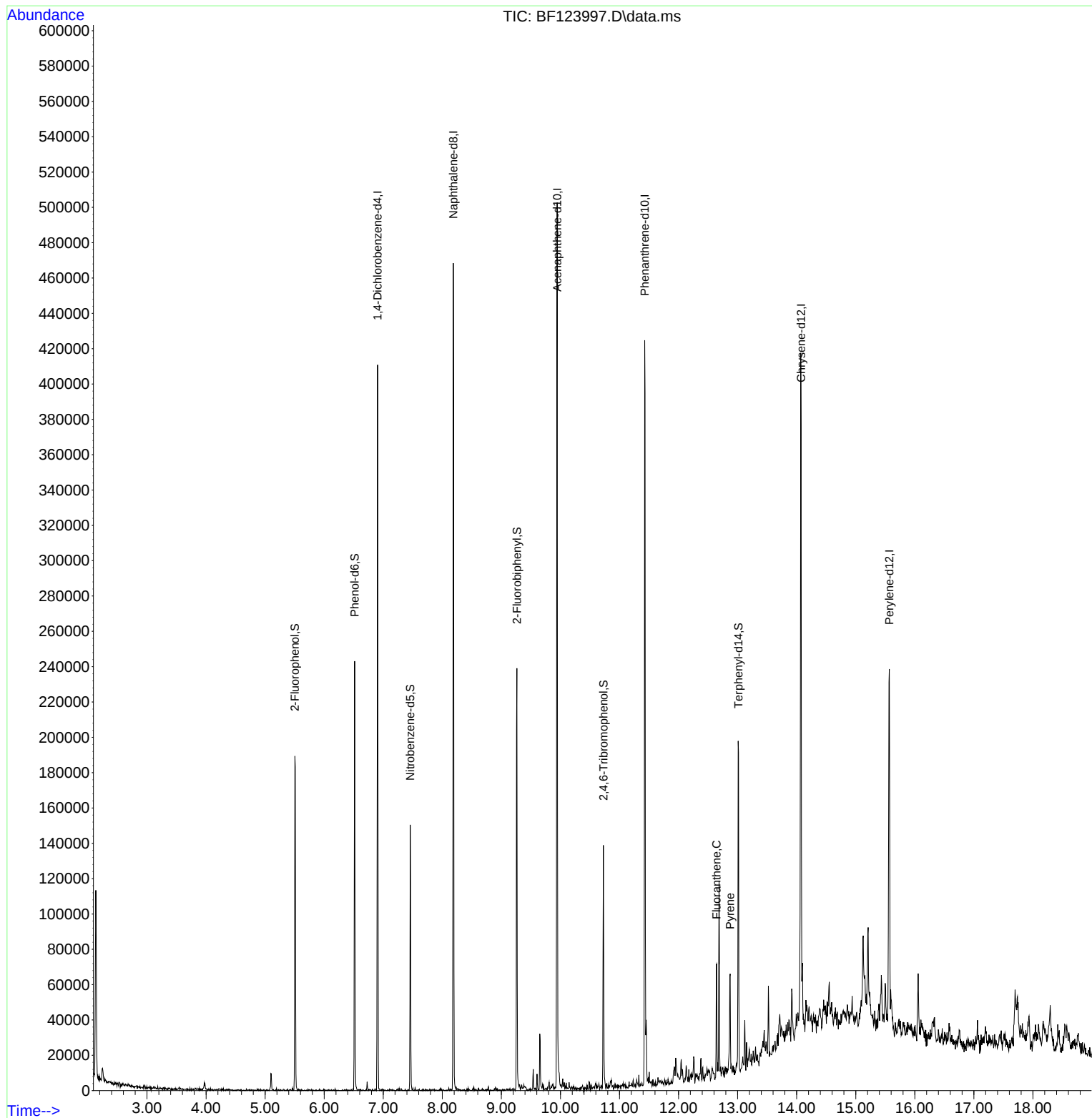
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	45123	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	172008	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	93882	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	142415	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	114382	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	86801	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	42755	13.30	ng	0.00
7) Phenol-d6	6.516	99	51746	12.41	ng	0.00
23) Nitrobenzene-d5	7.457	82	38381	9.61	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	13157	11.67	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	66606	8.73	ng	0.00
79) Terphenyl-d14	13.015	244	50986	6.75	ng	0.00
Target Compounds						
75) Fluoranthene	12.645	202	23544	2.52	ng	Qvalue 97
78) Pyrene	12.874	202	22659	2.23	ng	95

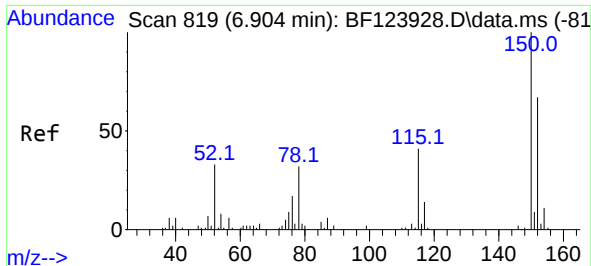
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123997.D
Acq On : 19 May 2021 18:56
Operator : JU/CG
Sample : M2449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

Quant Time: May 20 02:26:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

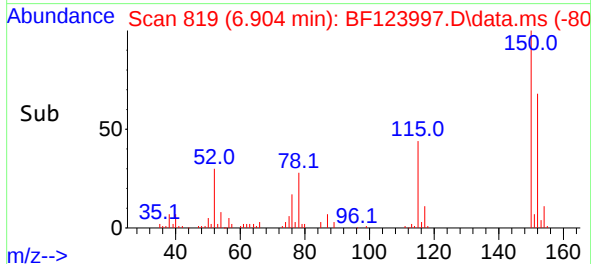
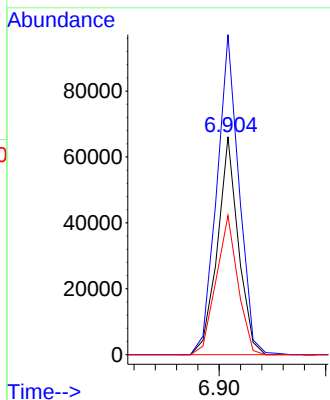
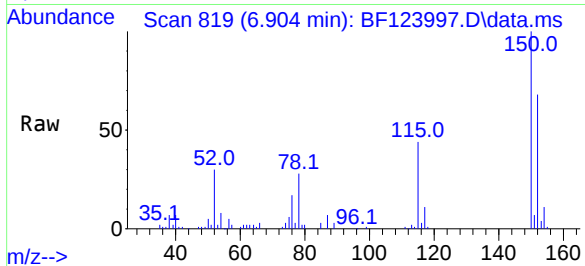




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

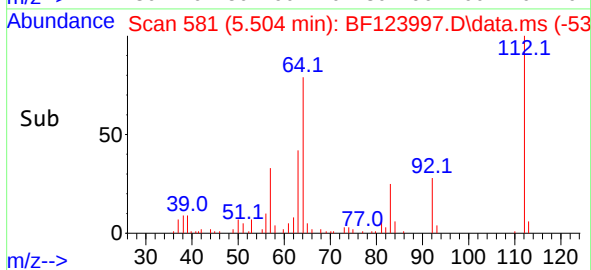
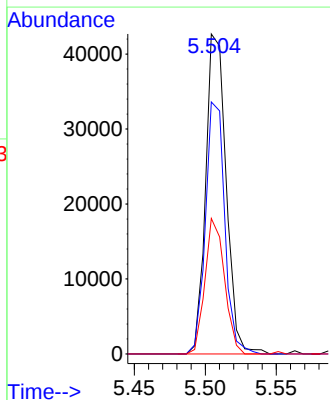
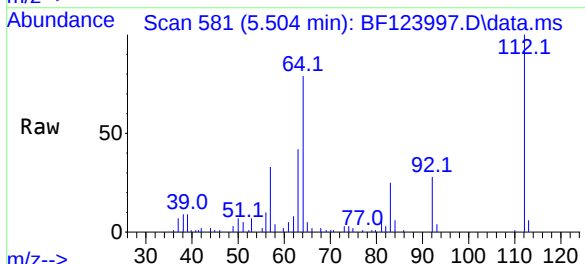
Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

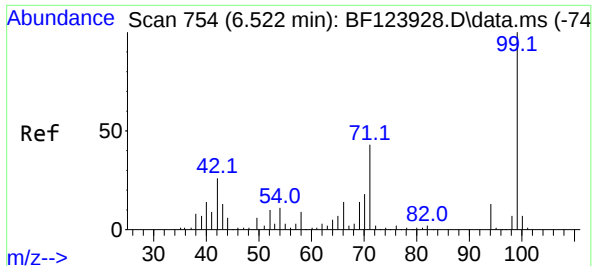
Tgt Ion:152 Resp: 45123
Ion Ratio Lower Upper
152 100
150 146.8 127.0 190.6
115 63.9 54.3 81.5



#5
2-Fluorophenol
Concen: 13.30 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion:112 Resp: 42755
Ion Ratio Lower Upper
112 100
64 78.7 61.4 92.0
63 42.3 33.0 49.4



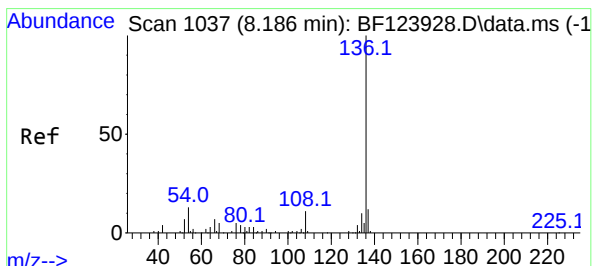
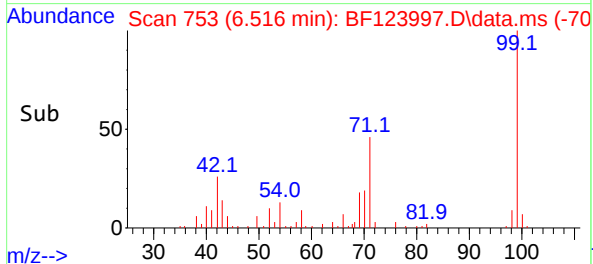
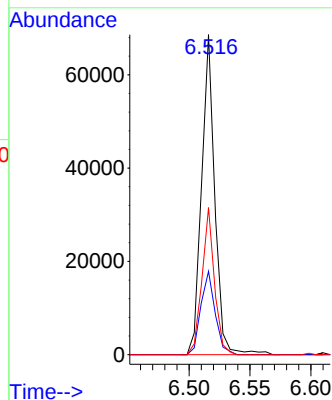
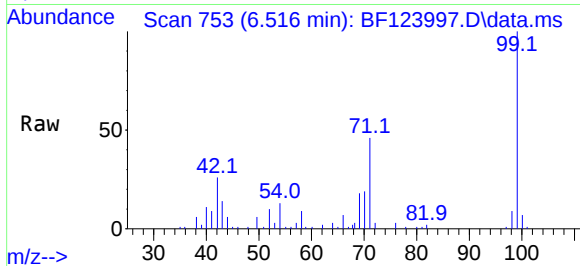


#7
Phenol-d6
Concen: 12.41 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

Tgt Ion: 99 Resp: 51746

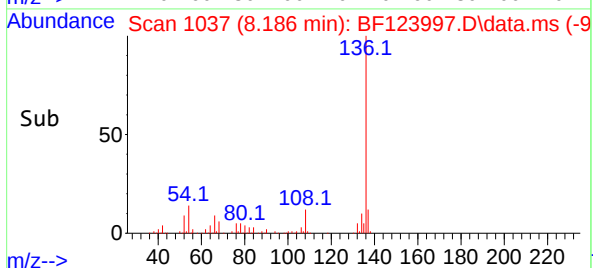
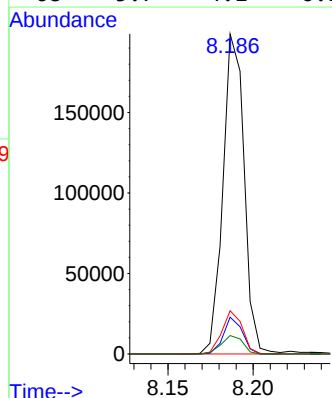
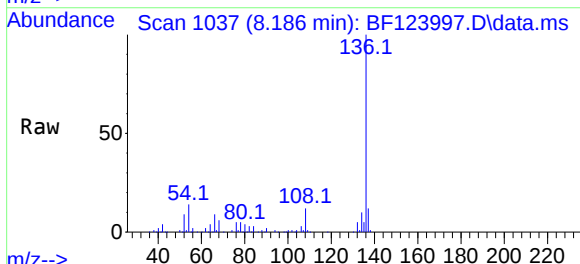
Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.8	29.8
71	45.9	31.1	46.7

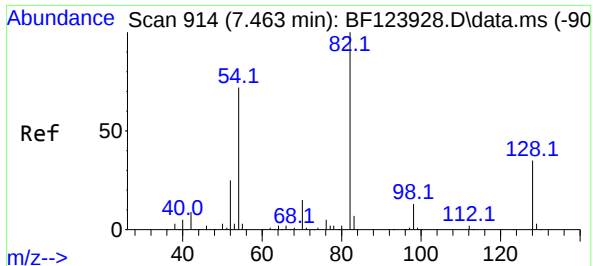


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion: 136 Resp: 172008

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	13.5	9.8	14.6
68	5.7	4.1	6.1

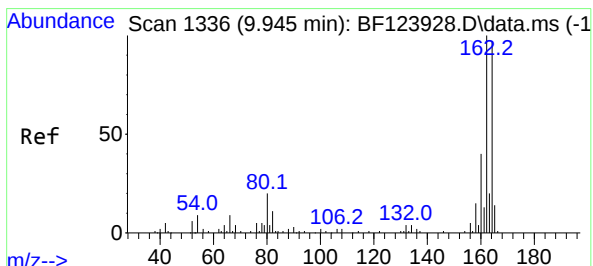
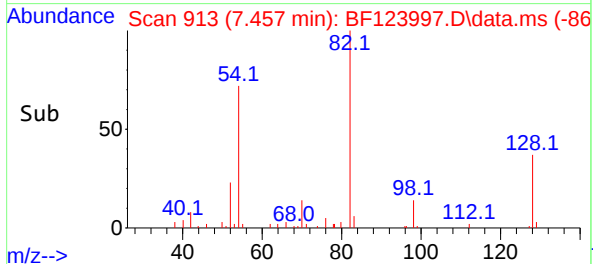
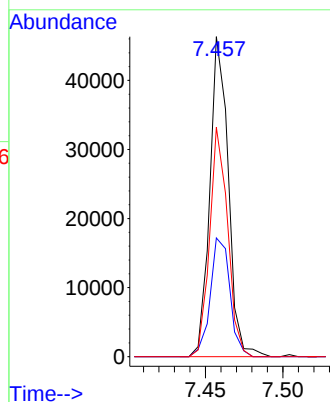
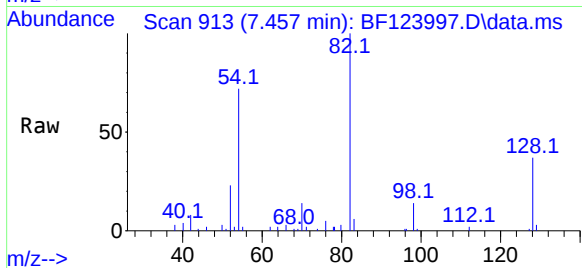




#23
Nitrobenzene-d5
Concen: 9.61 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

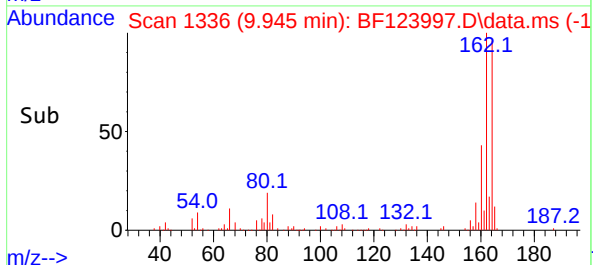
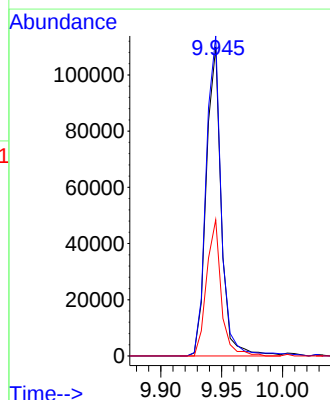
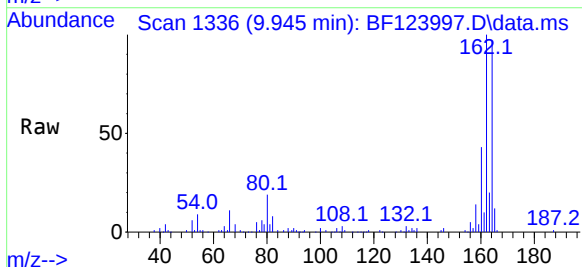
Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

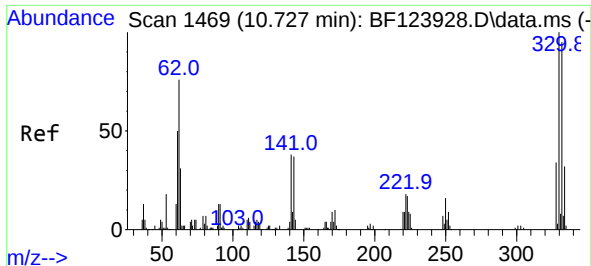
Tgt Ion: 82 Resp: 38381
Ion Ratio Lower Upper
82 100
128 37.1 29.4 44.2
54 71.7 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion:164 Resp: 93882
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 44.1 37.3 55.9

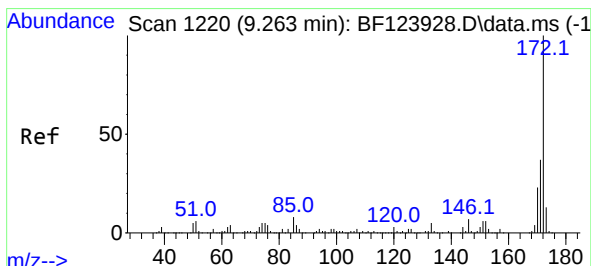
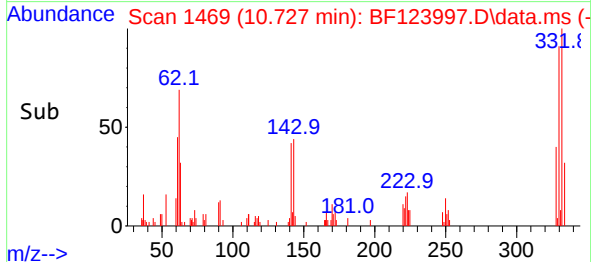
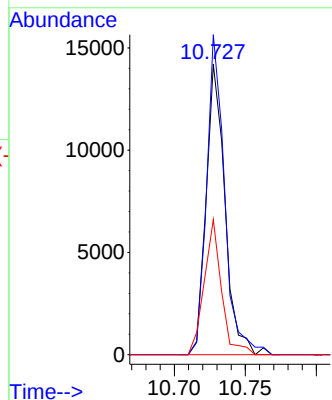
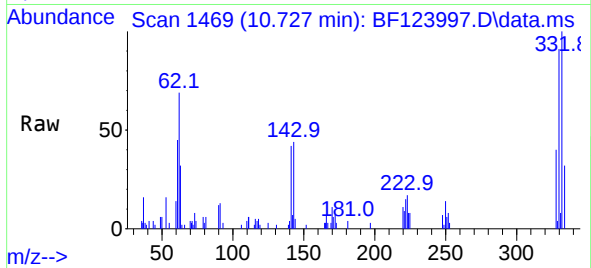




#42
2,4,6-Tribromophenol
Concen: 11.67 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

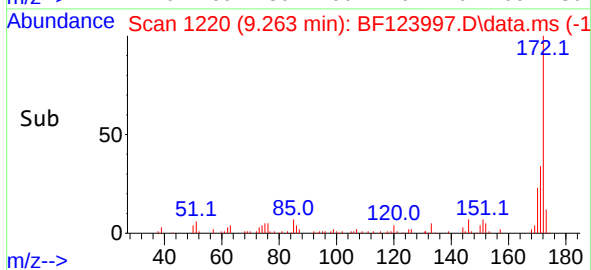
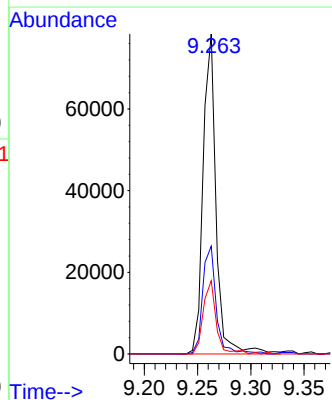
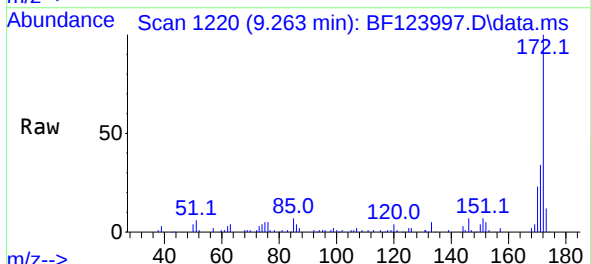
Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

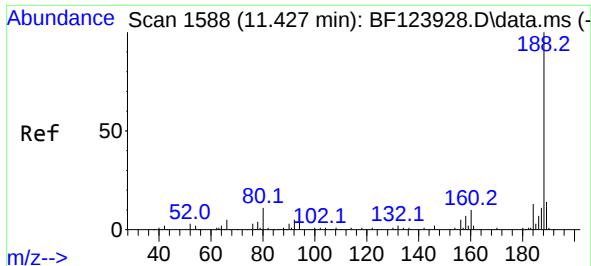
Tgt Ion: 330 Resp: 13157
Ion Ratio Lower Upper
330 100
332 104.9 77.1 115.7
141 42.8 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 8.73 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion: 172 Resp: 66606
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.9 19.2 28.8

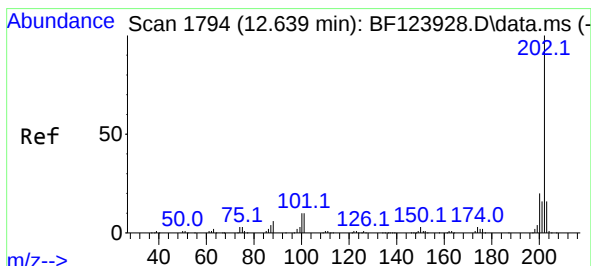
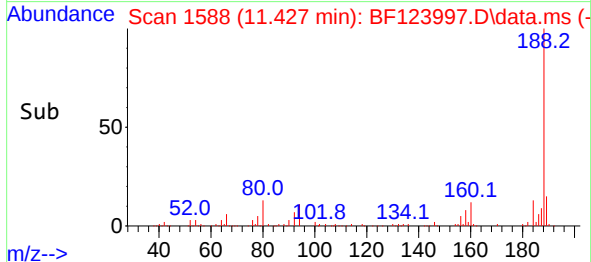
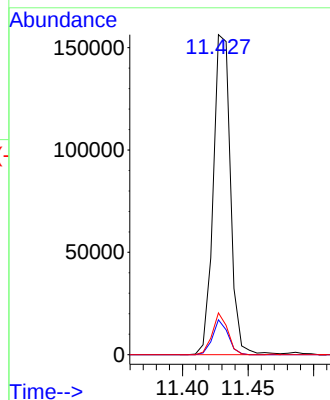
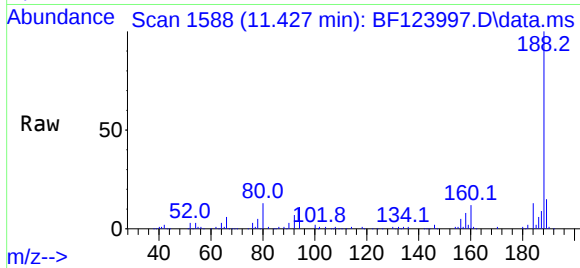




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

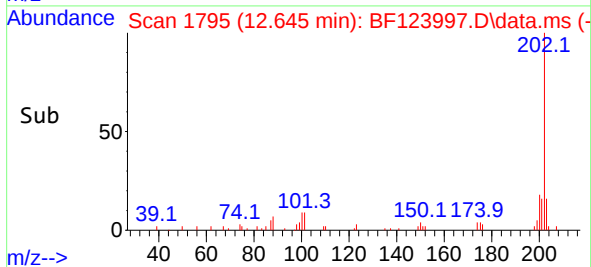
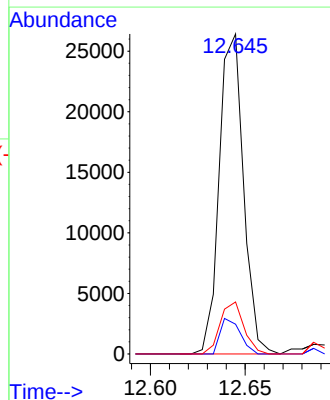
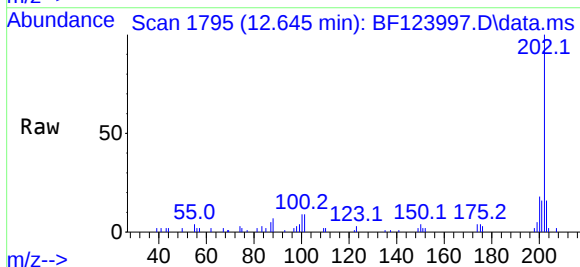
Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

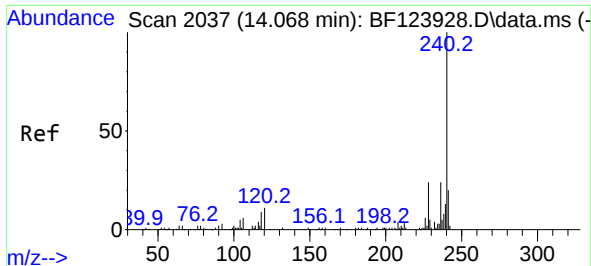
Tgt Ion:188 Resp: 142415
Ion Ratio Lower Upper
188 100
94 10.9 6.9 10.3#
80 13.0 8.2 12.2#



#75
Fluoranthene
Concen: 2.52 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion:202 Resp: 23544
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.9
203 16.3 0.0 37.5

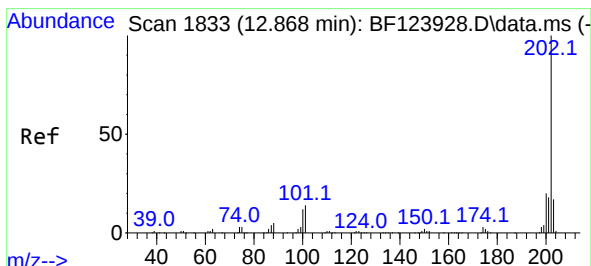
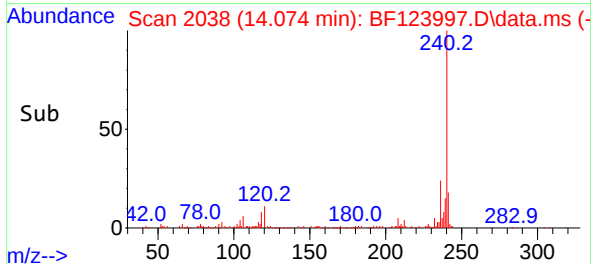
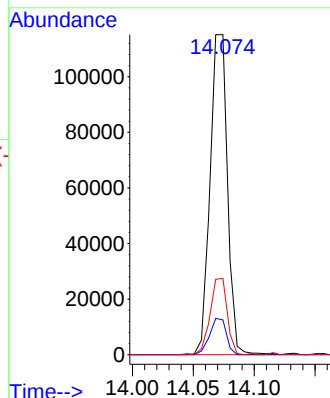
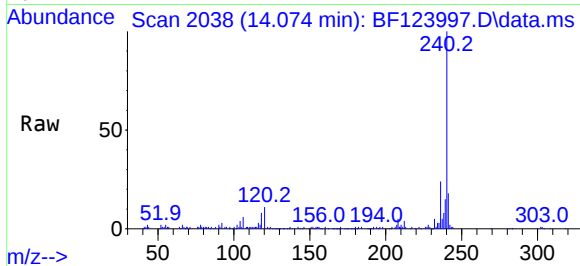




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

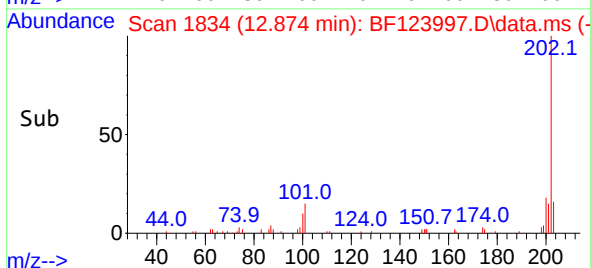
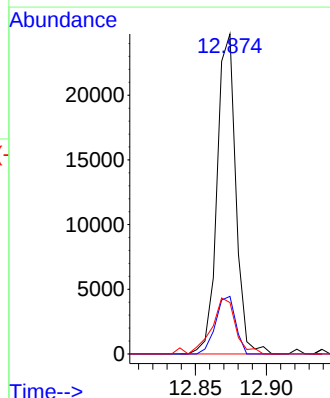
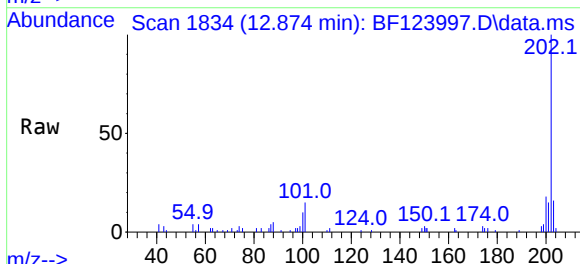
Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

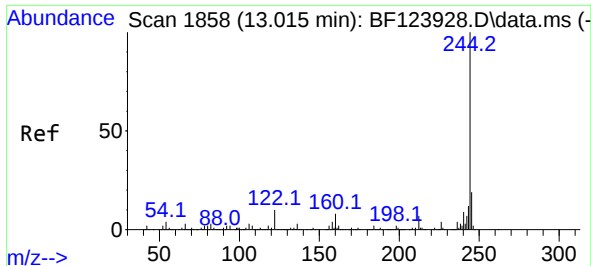
Tgt Ion:240 Resp: 114382
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 23.9 19.0 28.4



#78
Pyrene
Concen: 2.23 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion:202 Resp: 22659
Ion Ratio Lower Upper
202 100
200 18.0 16.1 24.1
203 16.0 14.8 22.2

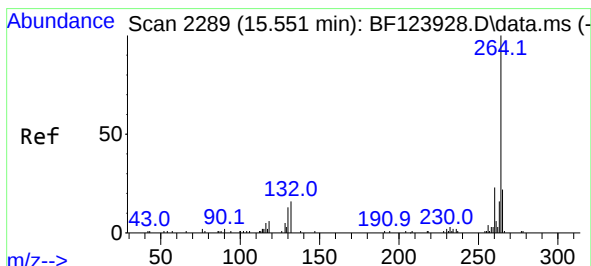
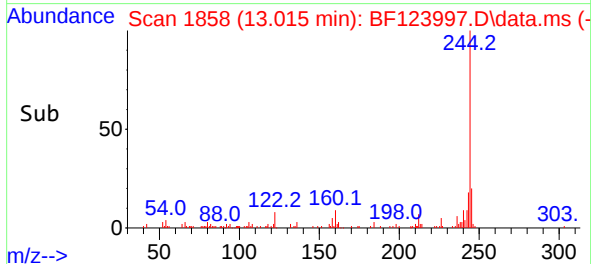
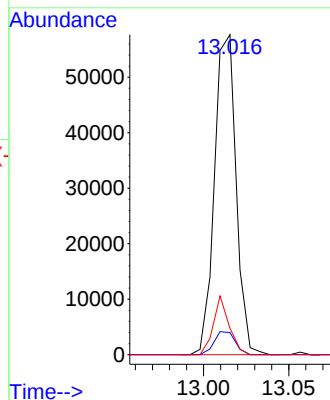
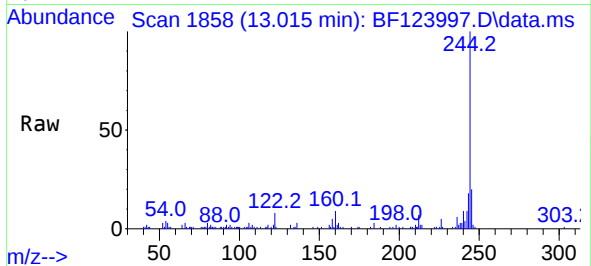




#79
Terphenyl-d14
Concen: 6.75 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Instrument :
BNA_F
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

Tgt Ion:244 Resp: 50986
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123997.D
Acq: 19 May 2021 18:56

Tgt Ion:264 Resp: 86801
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 23.2 17.8 26.8

