

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125035.D
 Acq On : 10 Aug 2021 17:44
 Operator : JU/CG
 Sample : M3316-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Quant Time: Aug 11 04:13:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4733	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	19414	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	11496	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	18907	20.000	ng	0.00
76) Chrysene-d12	13.968	240	18129	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	14899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	33994	117.655	ng	0.01
7) Phenol-d6	6.451	99	38512	105.709	ng	0.00
23) Nitrobenzene-d5	7.380	82	36665	98.797	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	18466	179.796	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	74264	94.525	ng	0.00
79) Terphenyl-d14	12.921	244	83533	77.724	ng	0.00

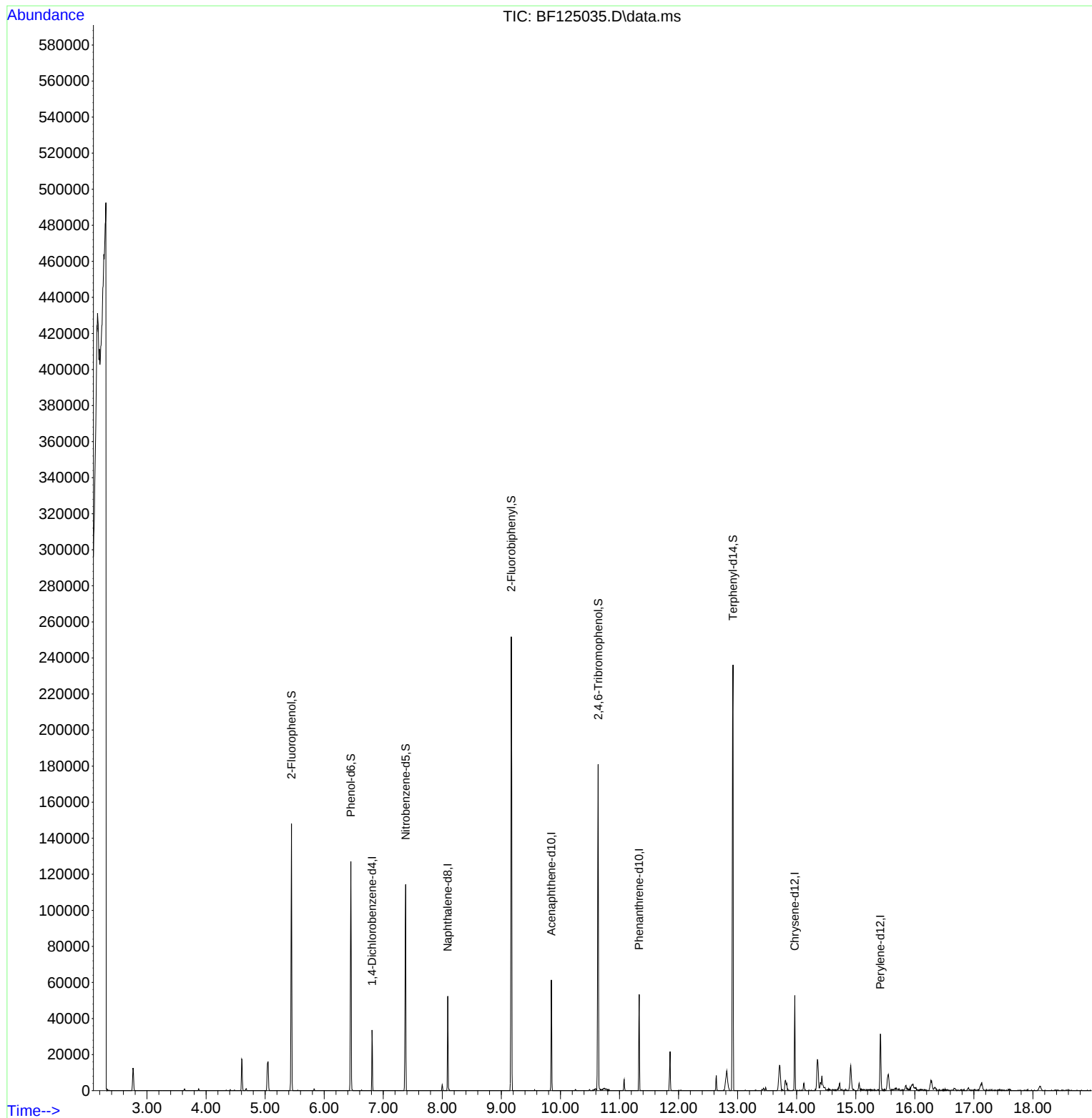
Target Compounds	Qvalue

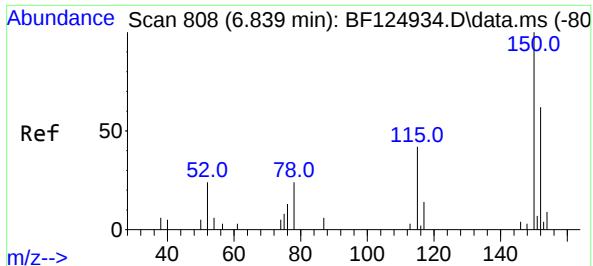
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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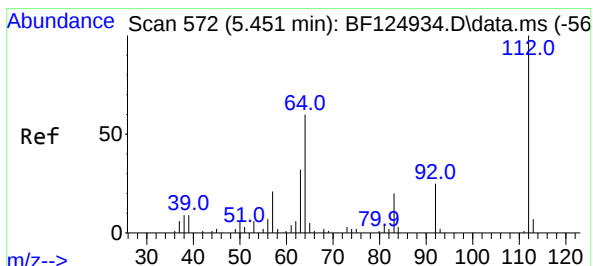
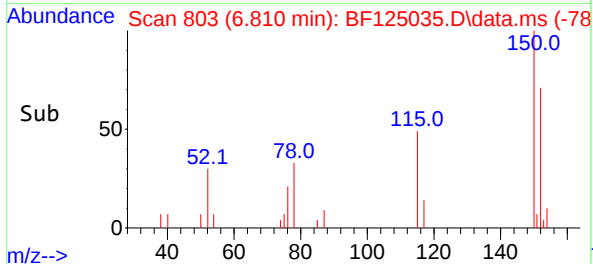
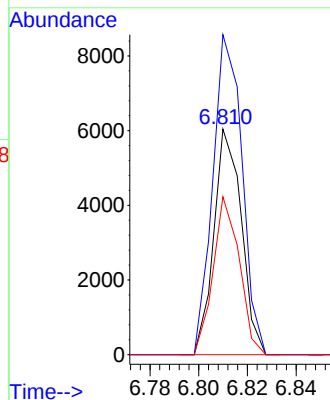
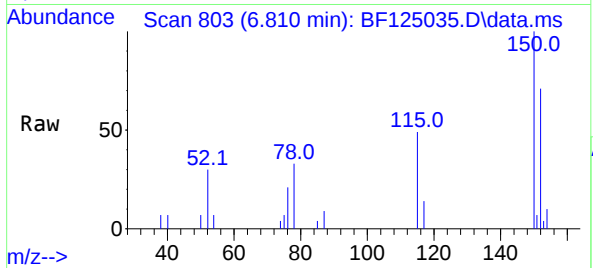




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

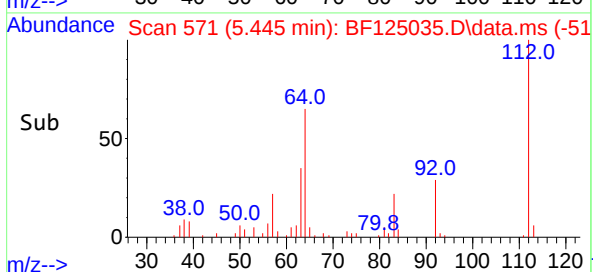
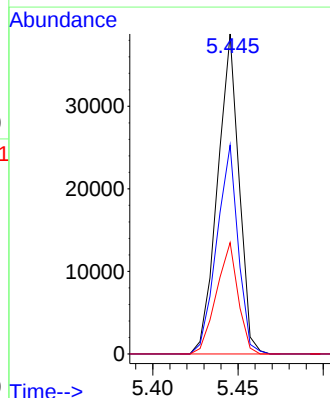
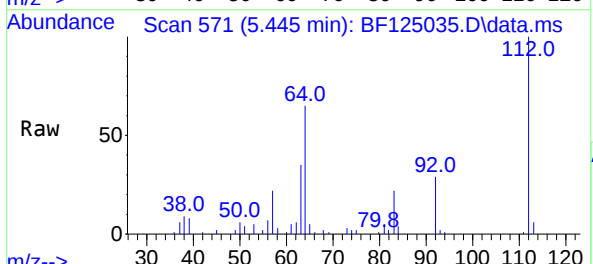
Instrument :
BNA_F
ClientSampleId :
SOIL

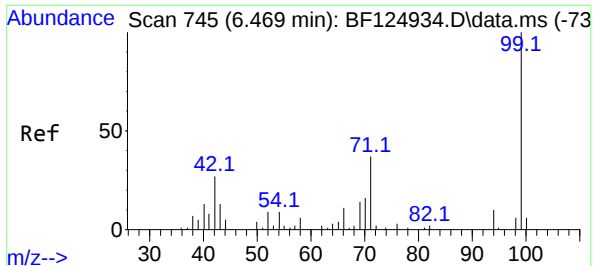
Tgt Ion:152 Resp: 4733
Ion Ratio Lower Upper
152 100
150 141.8 117.6 176.4
115 70.0 47.1 70.7



#5
2-Fluorophenol
Concen: 117.655 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion:112 Resp: 33994
Ion Ratio Lower Upper
112 100
64 65.3 44.2 66.2
63 34.8 26.2 39.2



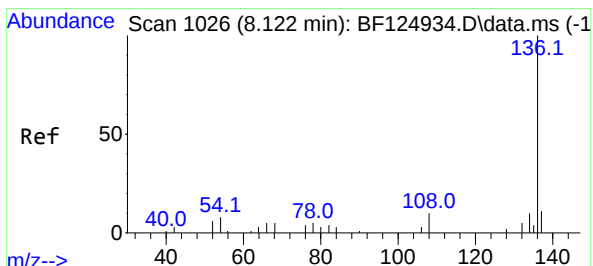
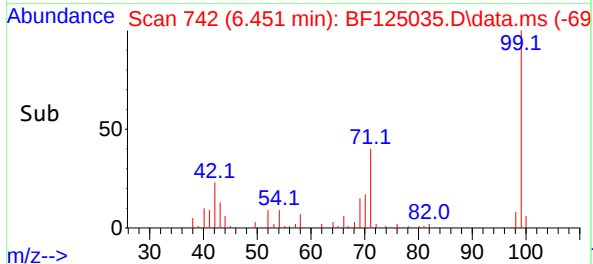
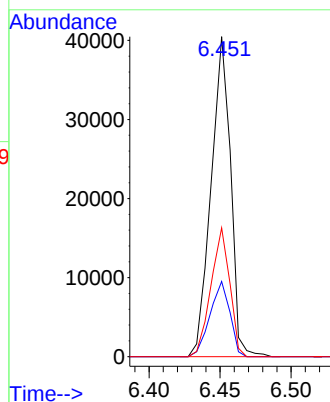
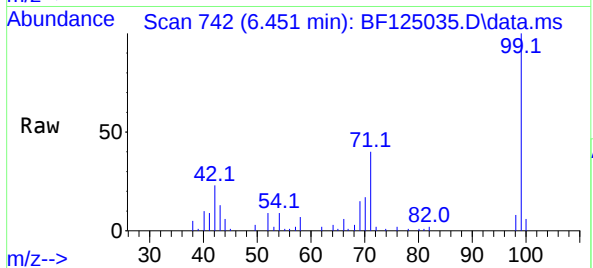


#7
Phenol-d6
Concen: 105.709 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Instrument :
BNA_F
ClientSampleId :
SOIL

Tgt Ion: 99 Resp: 38512

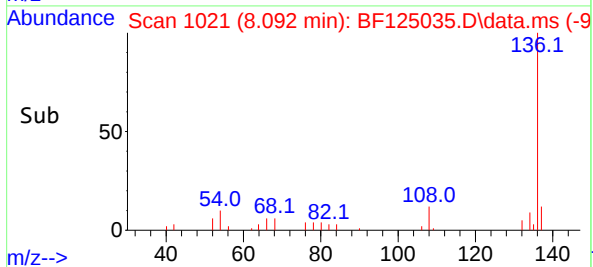
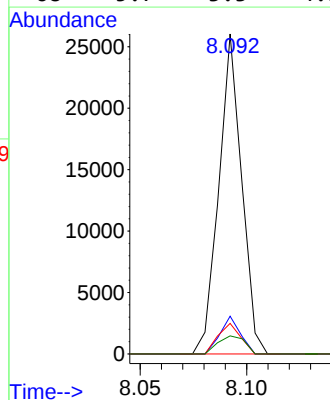
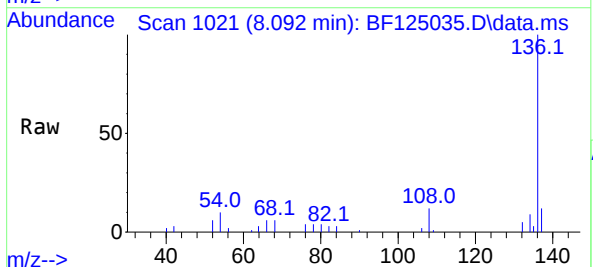
Ion	Ratio	Lower	Upper
99	100		
42	23.5	23.5	35.3#
71	40.2	25.6	38.4#

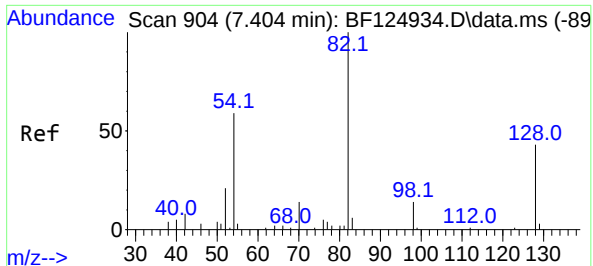


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion: 136 Resp: 19414

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	9.6	6.4	9.6
68	5.7	3.3	4.9#

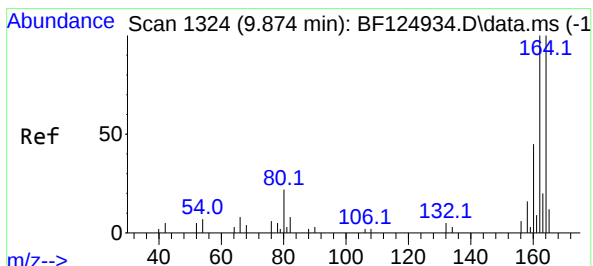
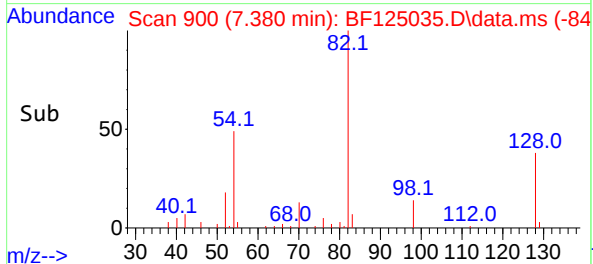
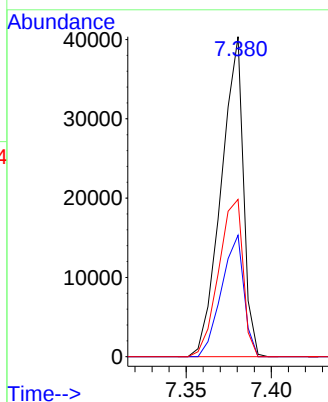
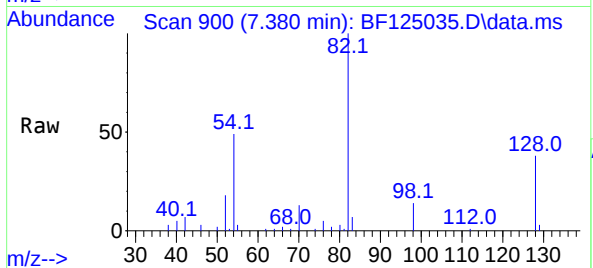




#23
Nitrobenzene-d5
Concen: 98.797 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

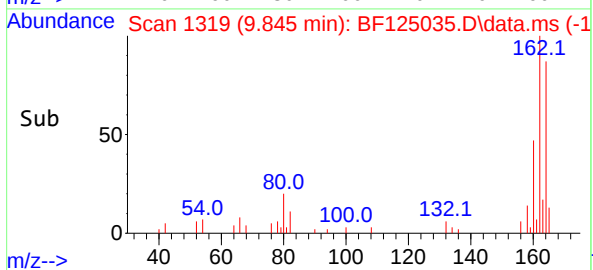
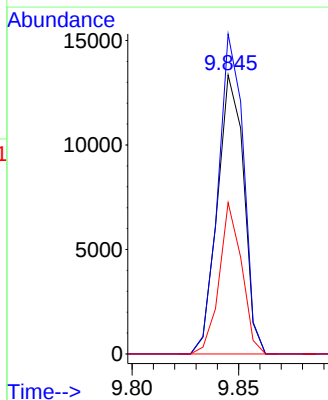
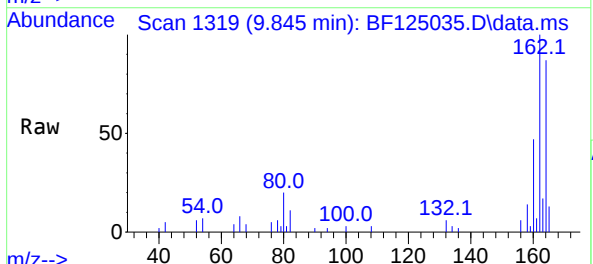
Instrument :
BNA_F
ClientSampleId :
SOIL

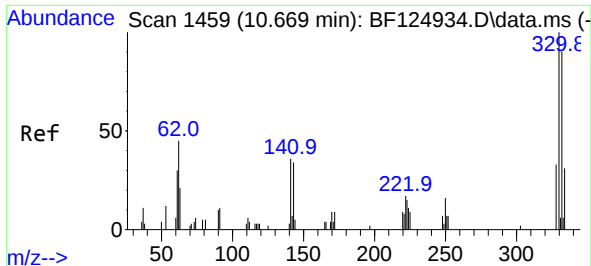
Tgt Ion: 82 Resp: 36665
Ion Ratio Lower Upper
82 100
128 38.0 40.6 60.8#
54 49.2 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion:164 Resp: 11496
Ion Ratio Lower Upper
164 100
162 114.6 81.3 121.9
160 54.2 38.0 57.0

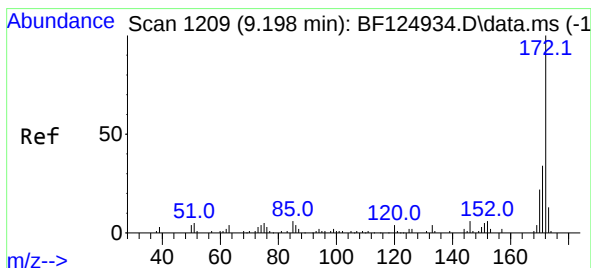
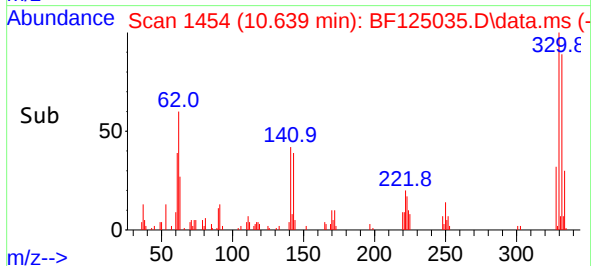
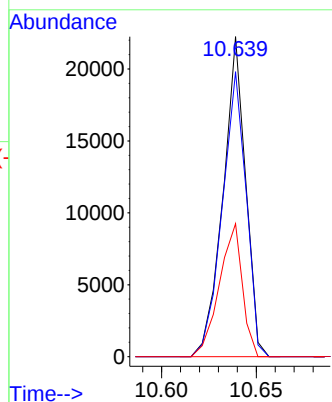
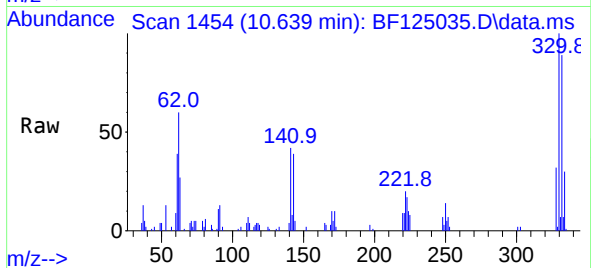




#42
2,4,6-Tribromophenol
Concen: 179.796 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

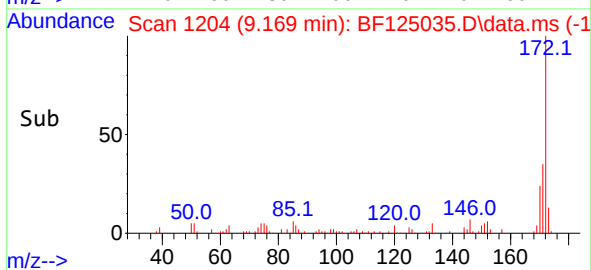
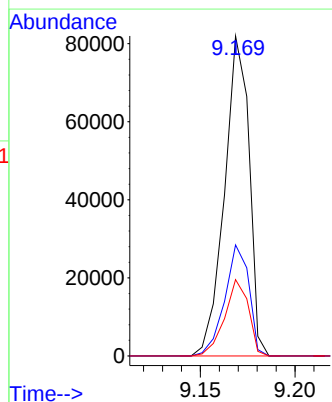
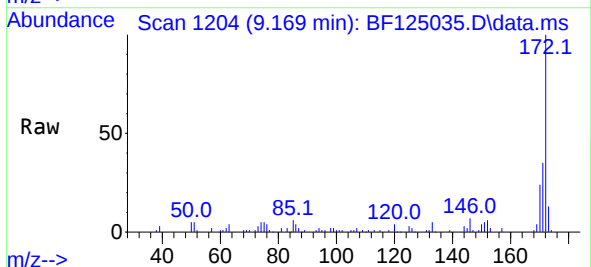
Instrument :
BNA_F
ClientSampled :
SOIL

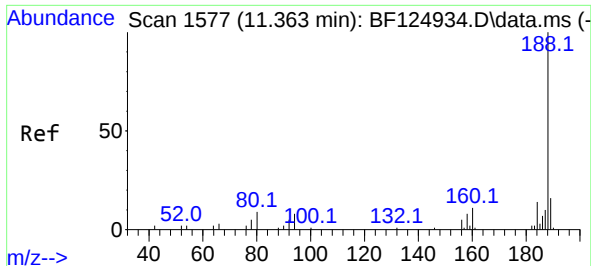
Tgt Ion:330 Resp: 18466
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 42.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 94.525 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion:172 Resp: 74264
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.8 18.8 28.2

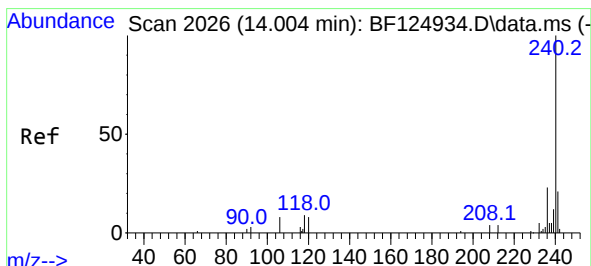
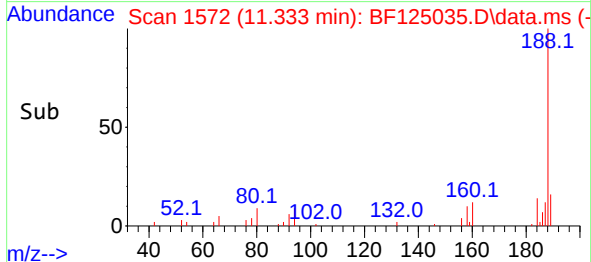
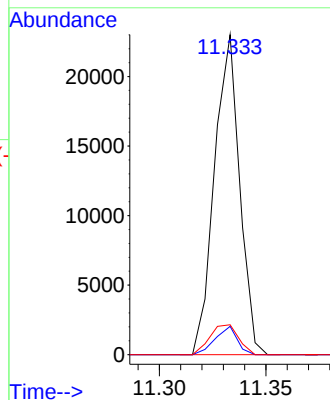
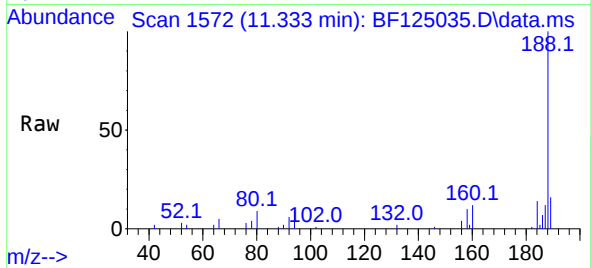




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

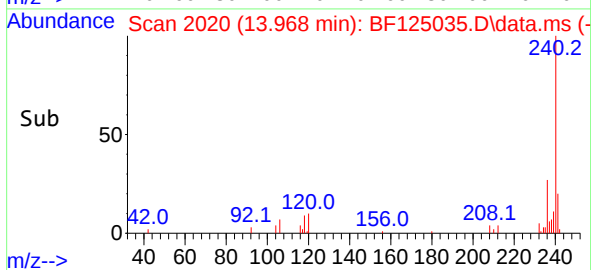
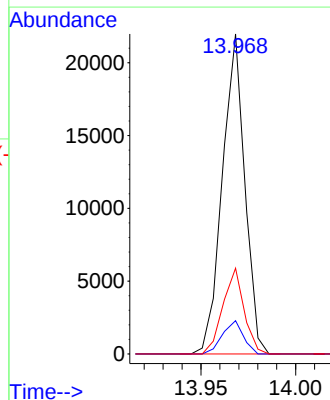
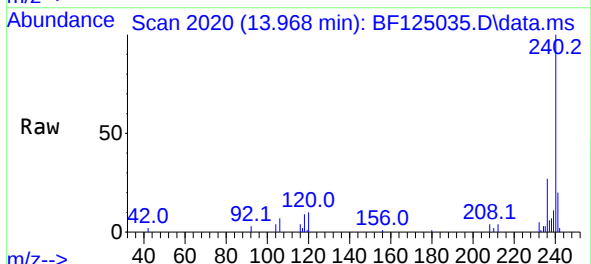
Instrument :
BNA_F
ClientSampled :
SOIL

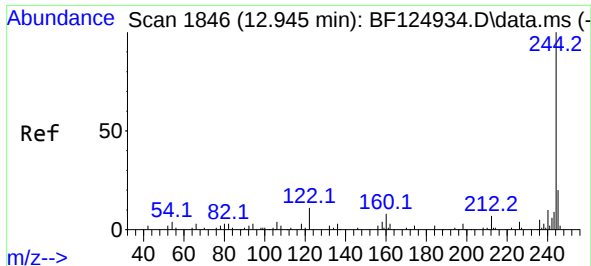
Tgt Ion:188 Resp: 18907
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion:240 Resp: 18129
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 26.8 21.6 32.4

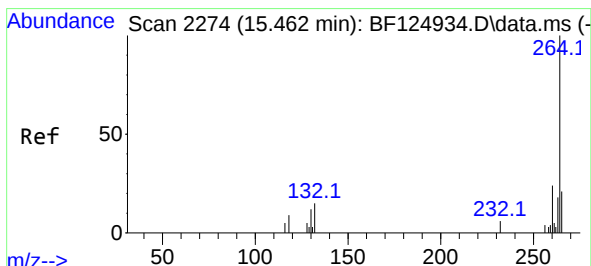
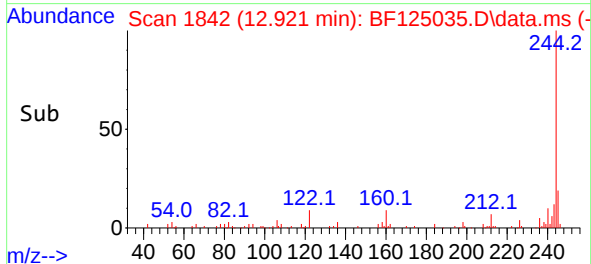
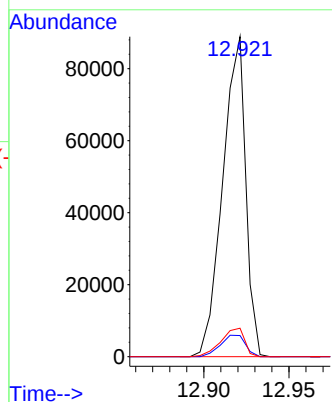
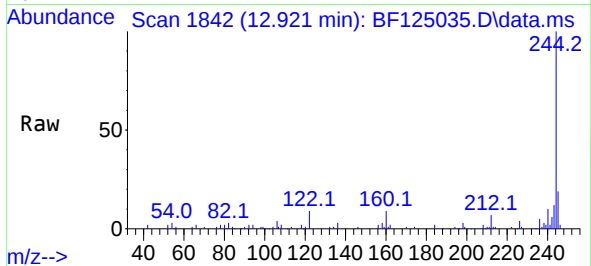




#79
Terphenyl-d14
Concen: 77.724 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Instrument :
BNA_F
ClientSampled :
SOIL

Tgt Ion:244 Resp: 83533
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF125035.D
Acq: 10 Aug 2021 17:44

Tgt Ion:264 Resp: 14899
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.6 17.2 25.8

