

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131343.D
 Acq On : 22 Nov 2022 22:17
 Operator : CG\JU
 Sample : N5641-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-16

Quant Time: Nov 23 04:19:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	94265	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	343098	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	192130	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	314946	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	171601	20.000	ng	-0.01
86) Perylene-d12	15.709	264	198199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	627033	126.598	ng	0.00
7) Phenol-d6	6.575	99	786813	124.508	ng	-0.01
23) Nitrobenzene-d5	7.528	82	515369	75.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	194054	120.053	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	926212	70.133	ng	0.00
79) Terphenyl-d14	13.110	244	723412	68.937	ng	0.00

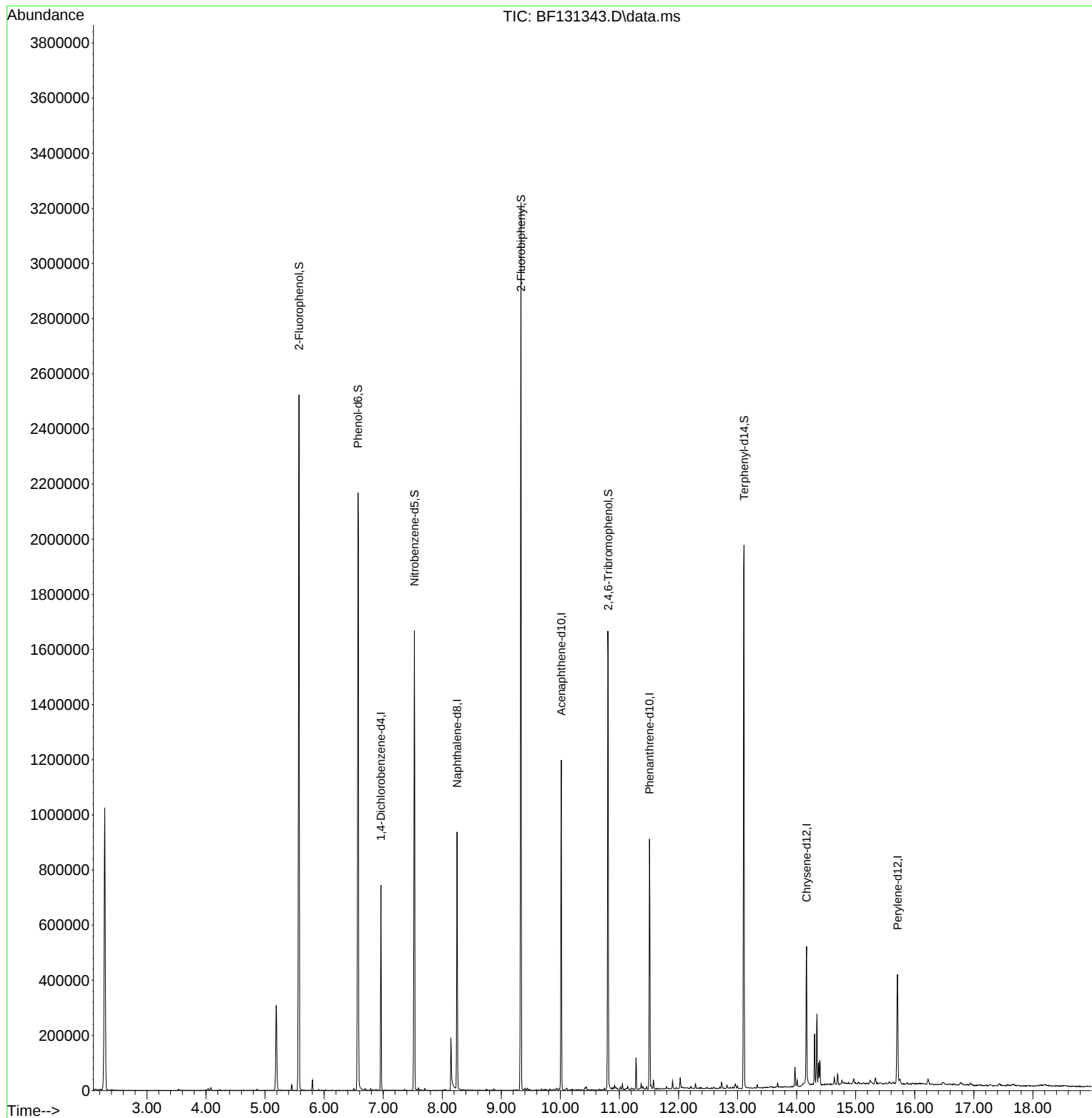
Target Compounds	Qvalue

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

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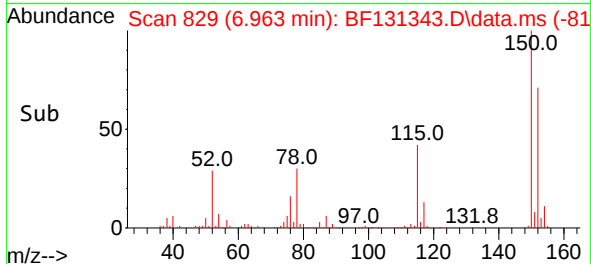
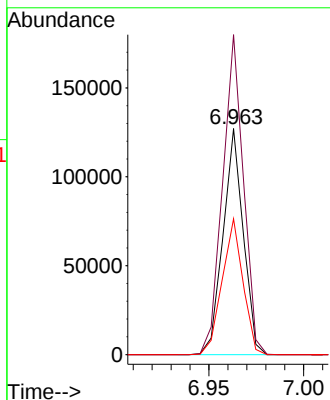
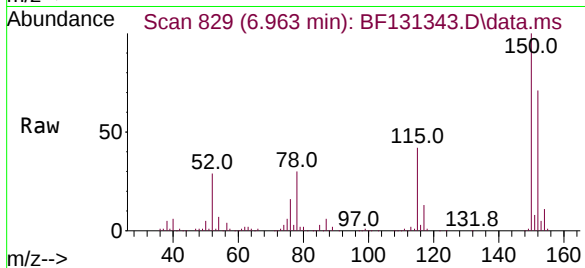




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

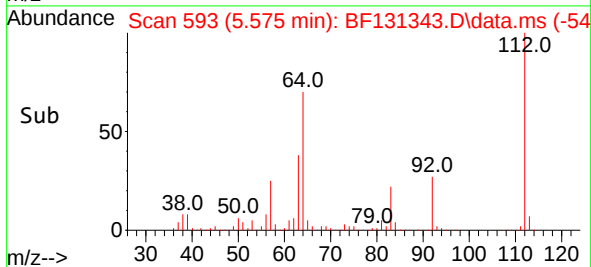
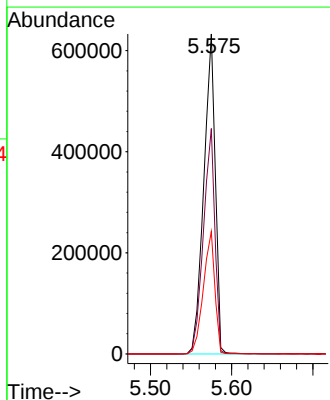
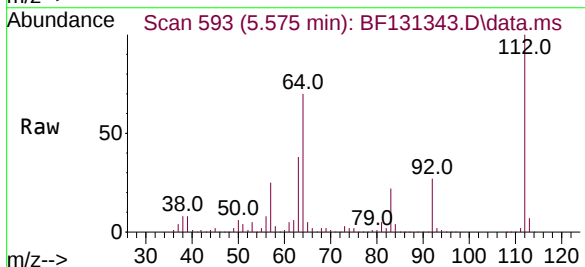
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-16

Tgt Ion:152 Resp: 94265
Ion Ratio Lower Upper
152 100
150 141.6 117.8 176.8
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 126.598 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

Tgt Ion:112 Resp: 627033
Ion Ratio Lower Upper
112 100
64 70.4 58.6 88.0
63 38.2 31.4 47.0

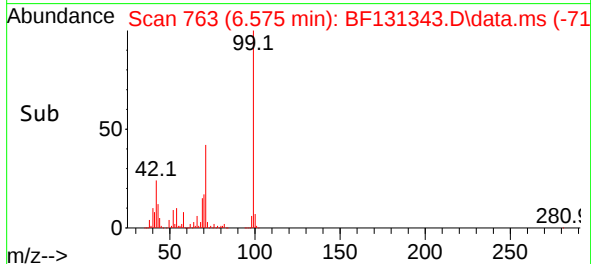
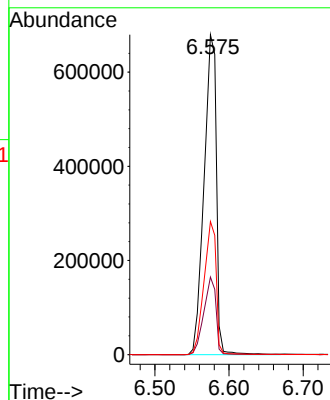
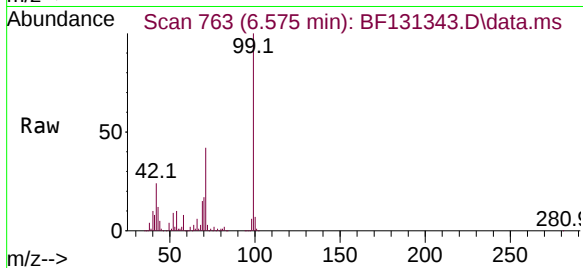




#7
Phenol-d6
Concen: 124.508 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

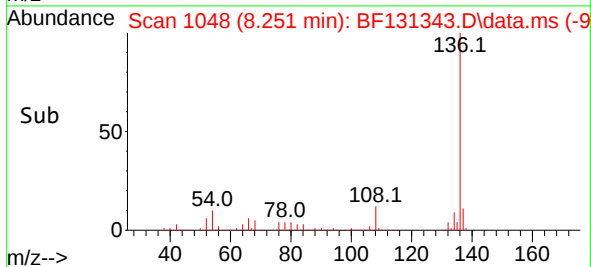
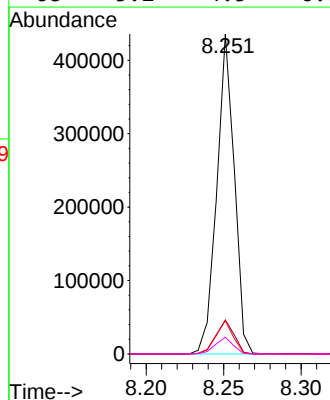
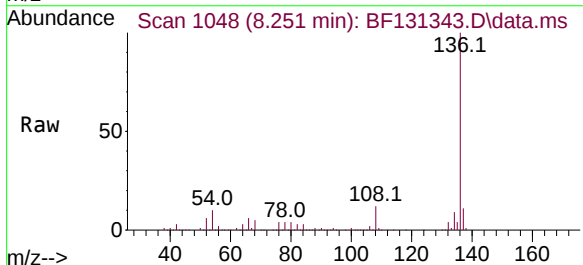
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-16

Tgt Ion: 99 Resp: 786813
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 41.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

Tgt Ion: 136 Resp: 343098
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.4 9.4 14.0
68 5.2 4.5 6.7





#23
Nitrobenzene-d5
Concen: 75.719 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

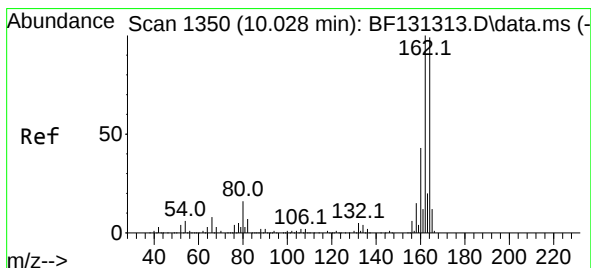
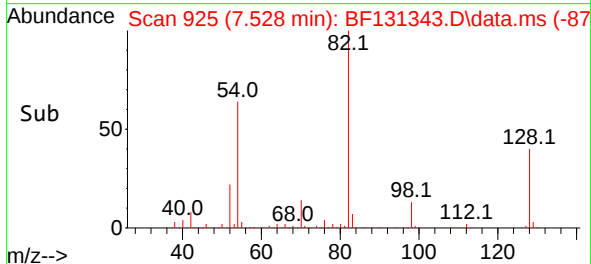
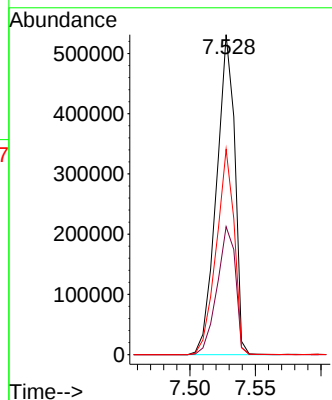
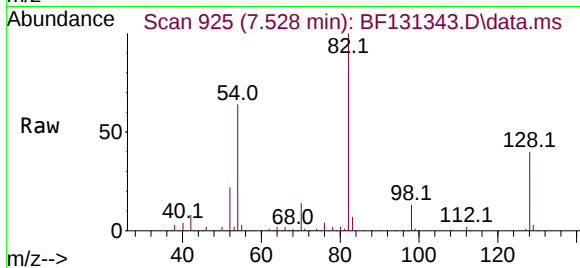
Instrument :

BNA_F

ClientSampleId :

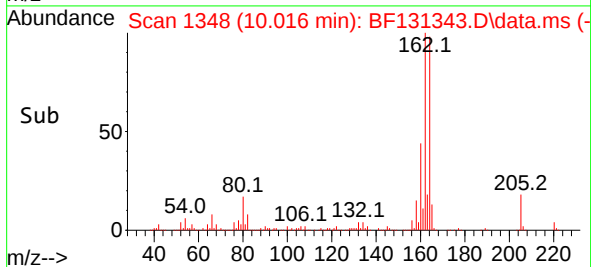
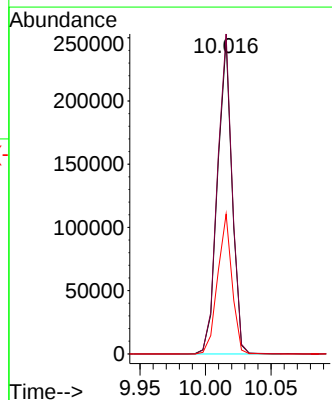
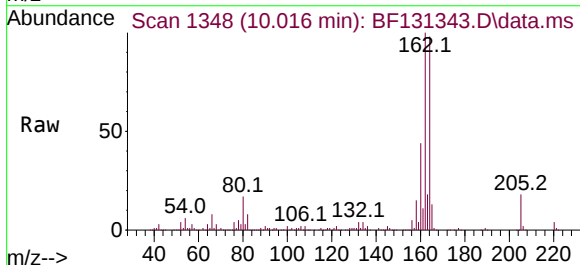
SOIL-PILE-16

Tgt Ion: 82 Resp: 515369
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 64.2 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

Tgt Ion:164 Resp: 192130
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 120.053 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131343.D

Acq: 22 Nov 2022 22:17

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-16

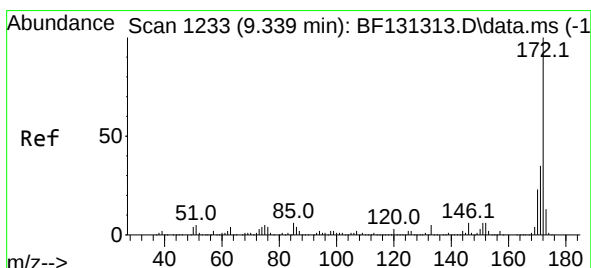
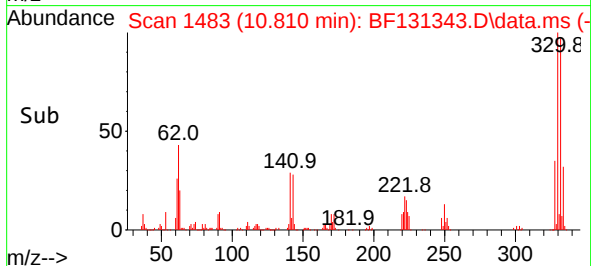
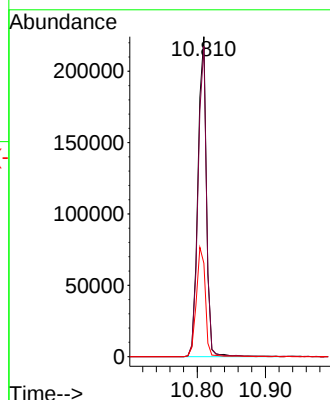
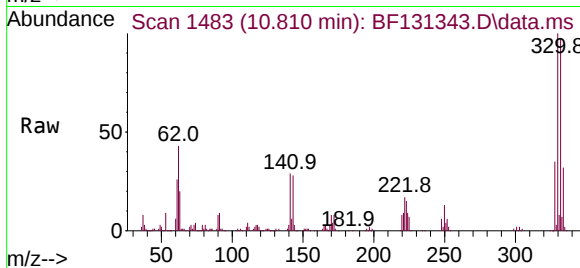
Tgt Ion:330 Resp: 194054

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 70.133 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131343.D

Acq: 22 Nov 2022 22:17

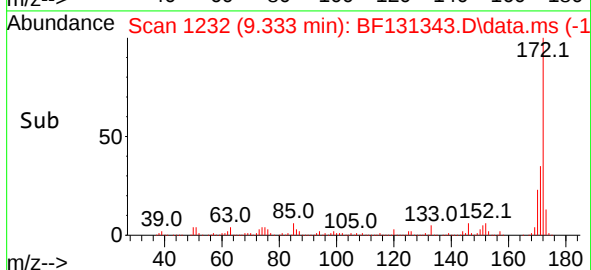
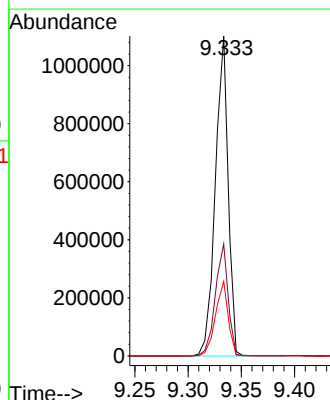
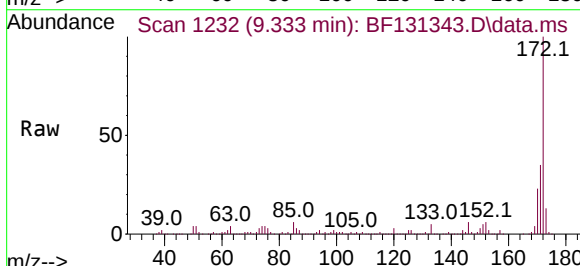
Tgt Ion:172 Resp: 926212

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.7 28.1

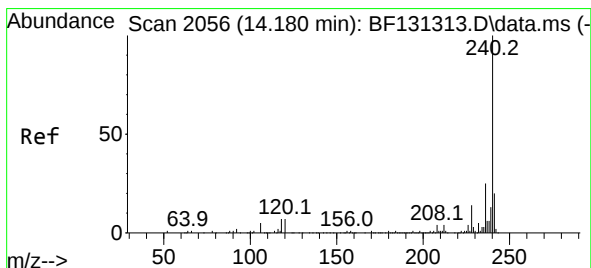
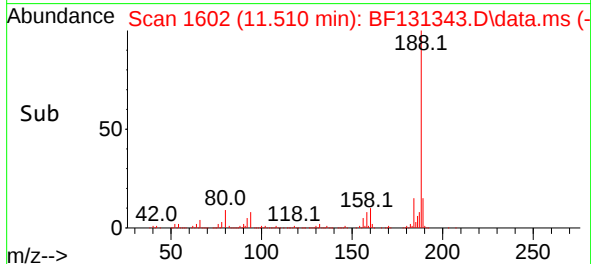
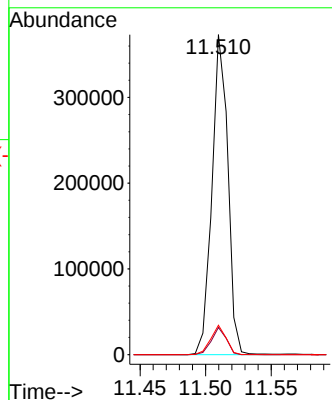
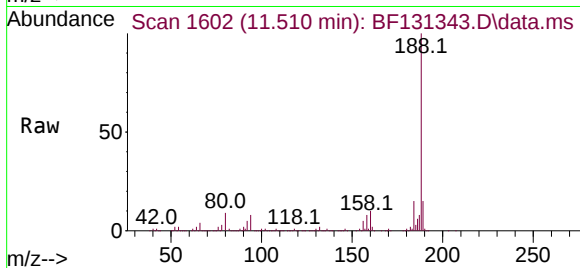




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

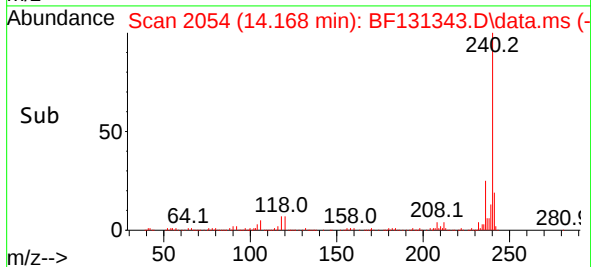
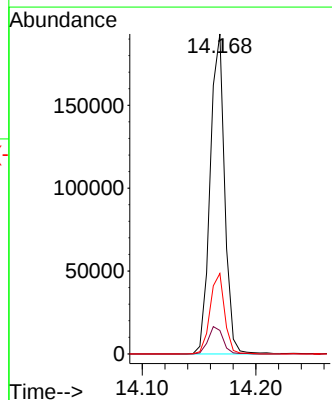
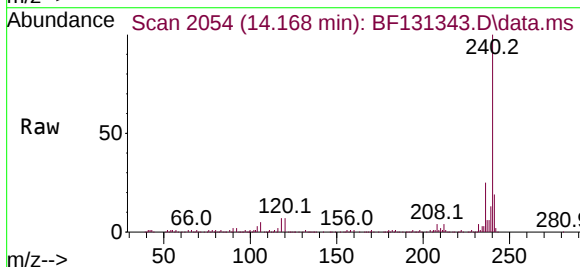
Instrument :
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SOIL-PILE-16

Tgt Ion:188 Resp: 314946
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131343.D
Acq: 22 Nov 2022 22:17

Tgt Ion:240 Resp: 171601
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 25.1 20.3 30.5

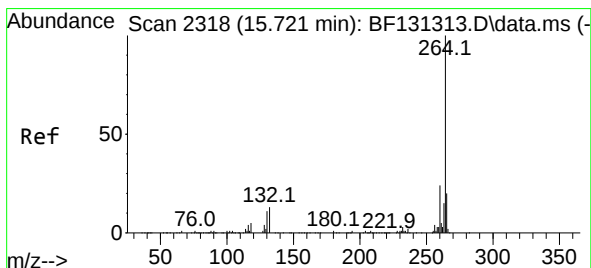
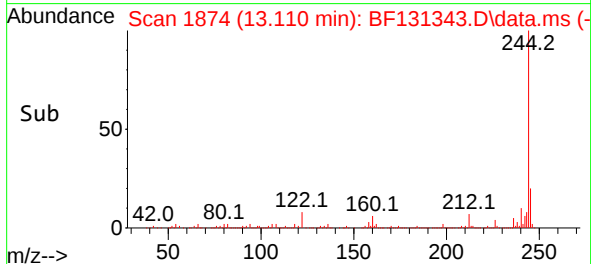
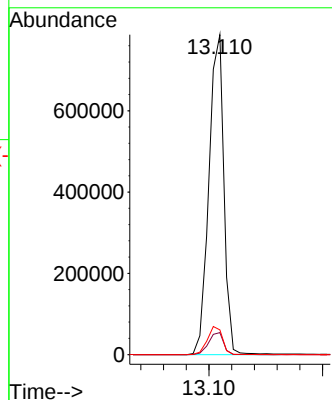
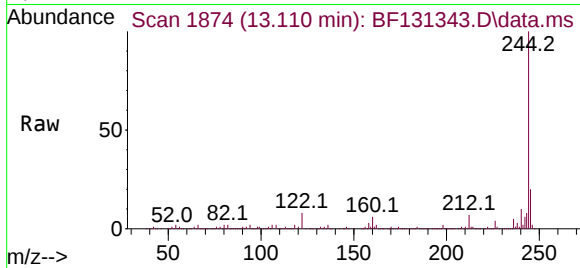




#79
 Terphenyl-d14
 Concen: 68.937 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131343.D
 Acq: 22 Nov 2022 22:17

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-16

Tgt Ion:244 Resp: 723412
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 7.7 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.709 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131343.D
 Acq: 22 Nov 2022 22:17

Tgt Ion:264 Resp: 198199
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 21.0 16.4 24.6

