

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131359.D
 Acq On : 23 Nov 2022 12:56
 Operator : CG\JU
 Sample : N5641-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-9

Quant Time: Nov 24 05:50:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:48:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	86264	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	307906	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	169755	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	279745	20.000	ng	0.00
76) Chrysene-d12	14.168	240	165044	20.000	ng	0.00
86) Perylene-d12	15.709	264	189655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	412821	91.079	ng	0.00
7) Phenol-d6	6.575	99	510351	88.250	ng	0.00
23) Nitrobenzene-d5	7.528	82	329629	53.965	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	131327	91.955	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	610601	52.329	ng	0.00
79) Terphenyl-d14	13.110	244	519263	51.449	ng	0.00

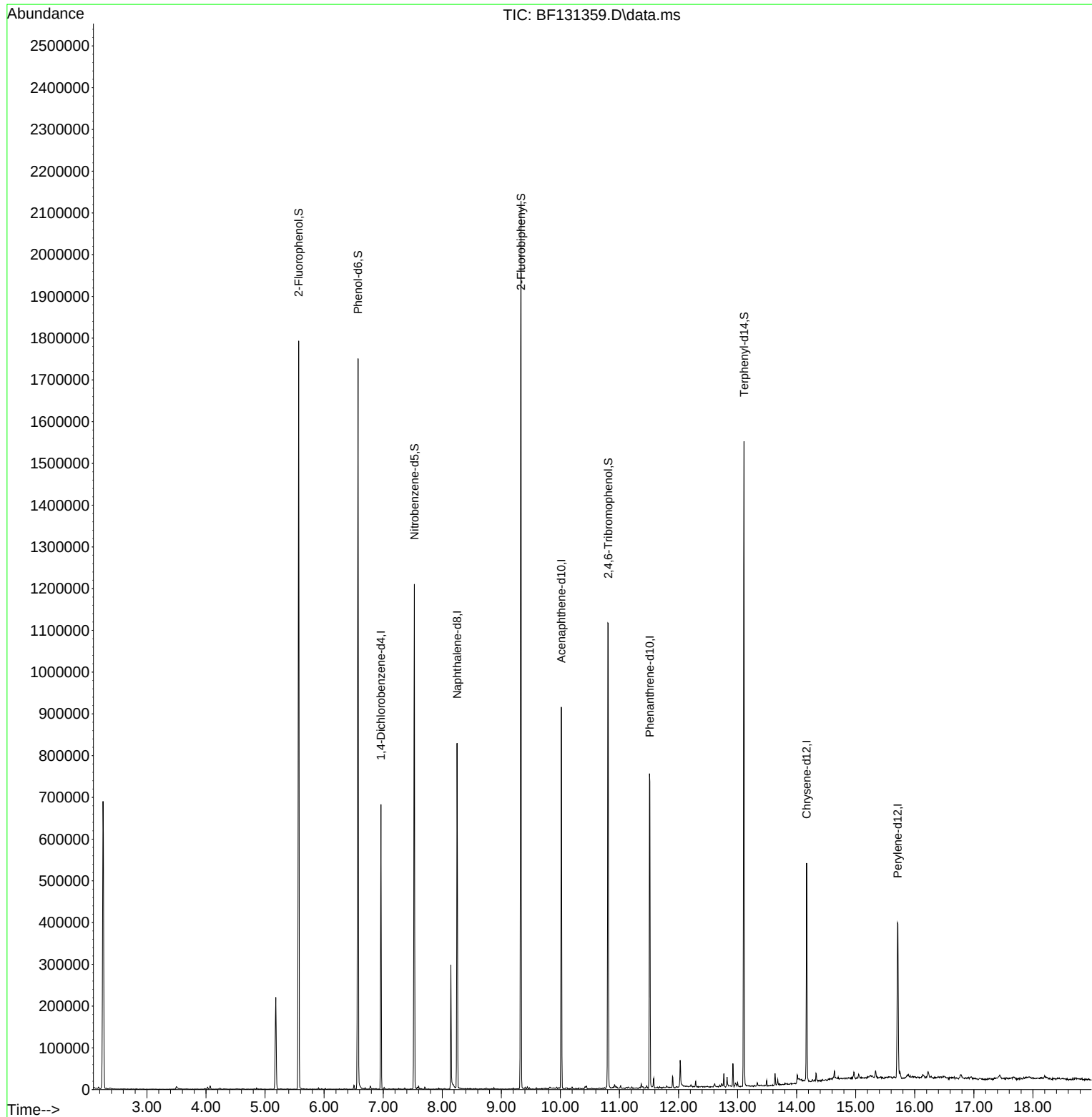
Target Compounds	Qvalue

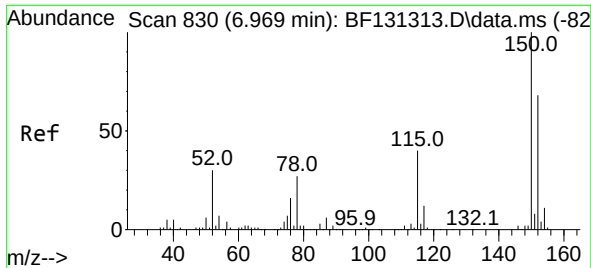
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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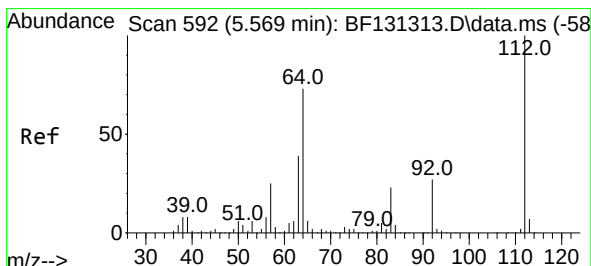
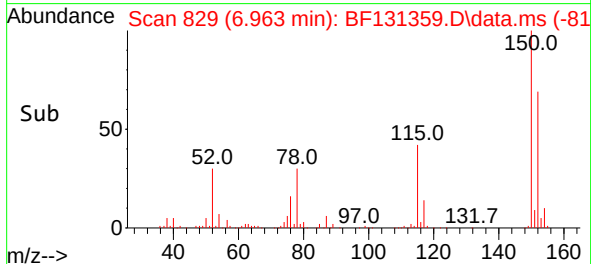
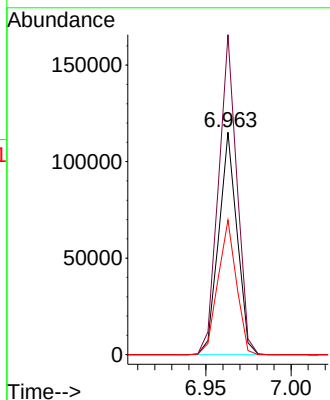
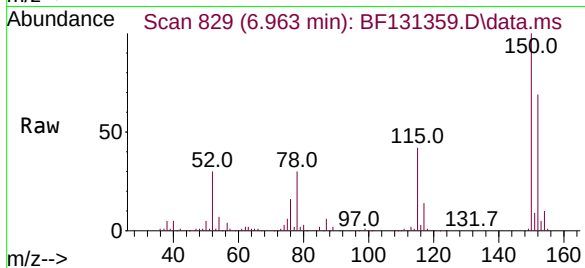




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131359.D
 Acq: 23 Nov 2022 12:56

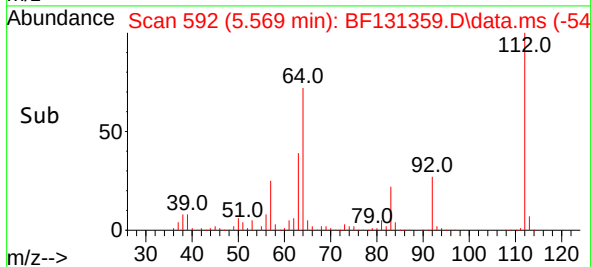
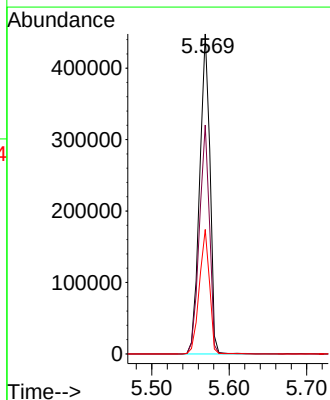
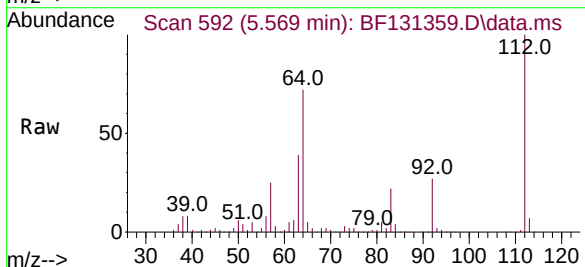
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-9

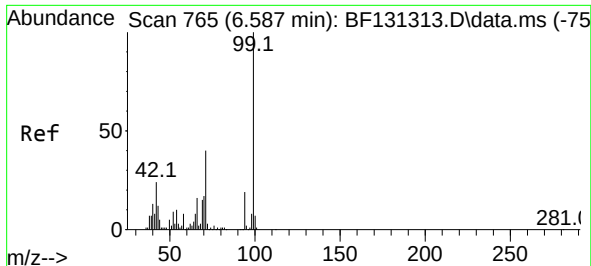
Tgt Ion:152 Resp: 86264
 Ion Ratio Lower Upper
 152 100
 150 144.0 117.8 176.8
 115 60.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 91.079 ng
 RT: 5.569 min Scan# 592
 Delta R.T. -0.000 min
 Lab File: BF131359.D
 Acq: 23 Nov 2022 12:56

Tgt Ion:112 Resp: 412821
 Ion Ratio Lower Upper
 112 100
 64 71.5 58.6 88.0
 63 38.9 31.4 47.0

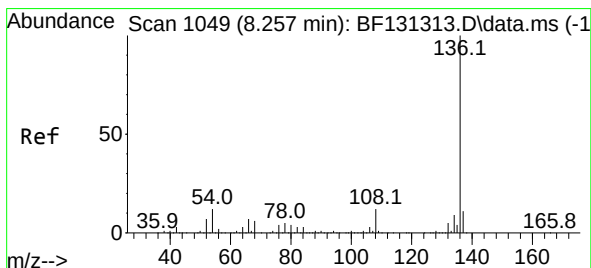
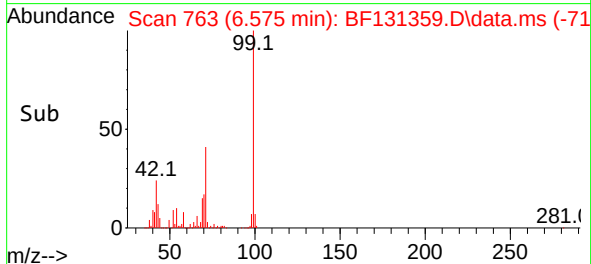
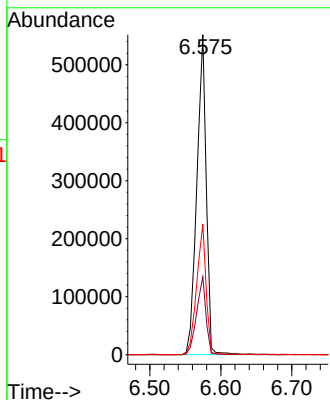
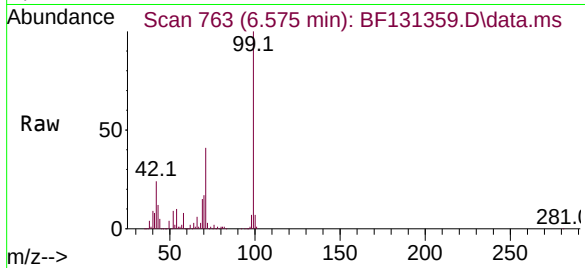




#7
Phenol-d6
Concen: 88.250 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

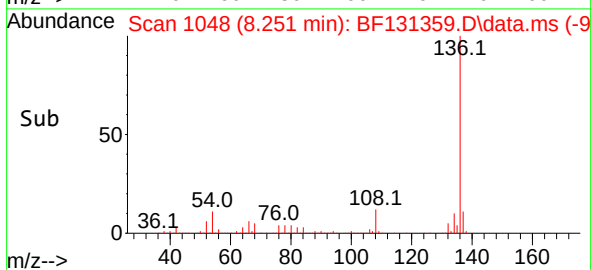
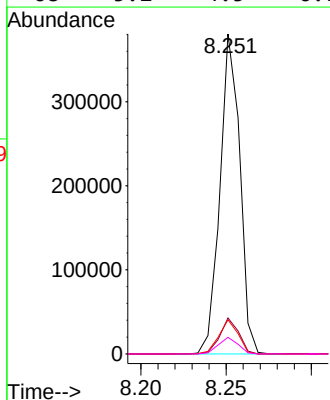
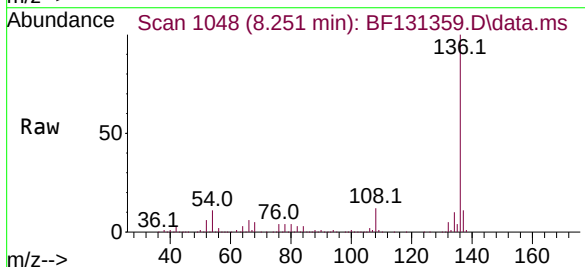
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-9

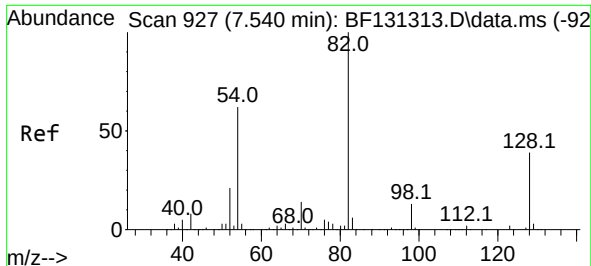
Tgt Ion: 99 Resp: 510351
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.2
71 40.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

Tgt Ion: 136 Resp: 307906
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.7 9.4 14.0
68 5.2 4.5 6.7

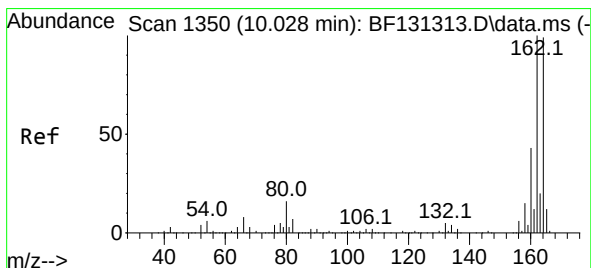
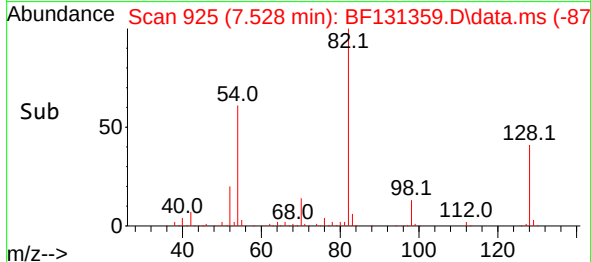
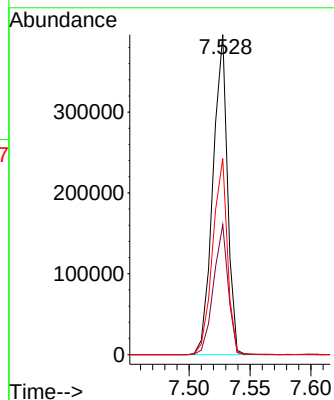
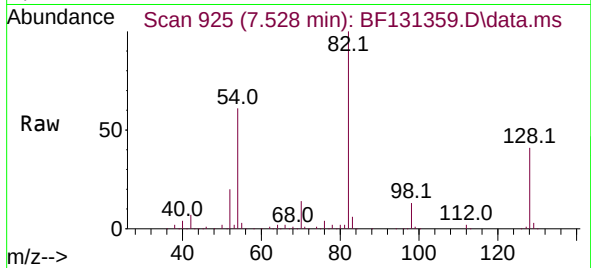




#23
Nitrobenzene-d5
Concen: 53.965 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

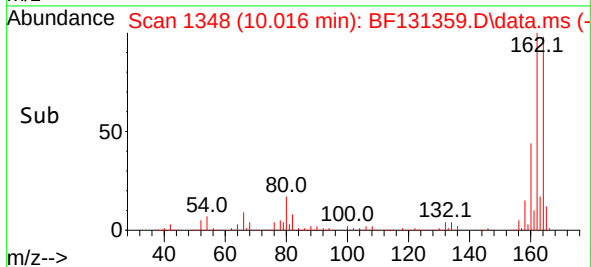
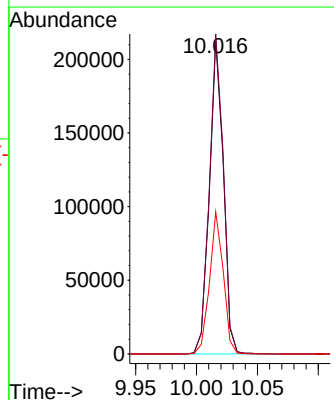
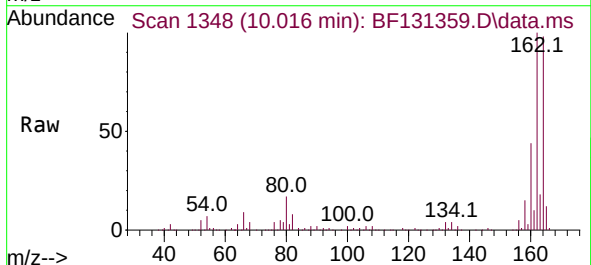
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-9

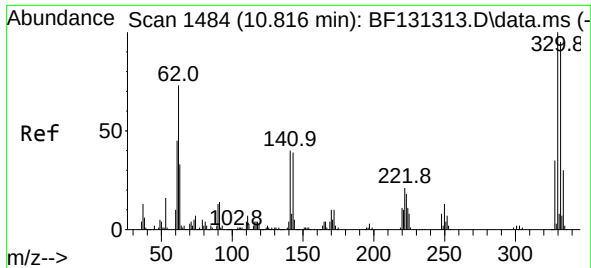
Tgt Ion: 82 Resp: 329629
Ion Ratio Lower Upper
82 100
128 40.6 31.4 47.0
54 61.3 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

Tgt Ion:164 Resp: 169755
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.3 34.4 51.6

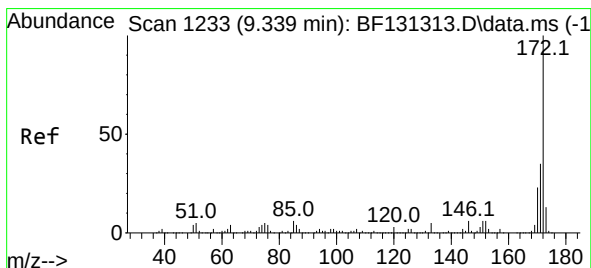
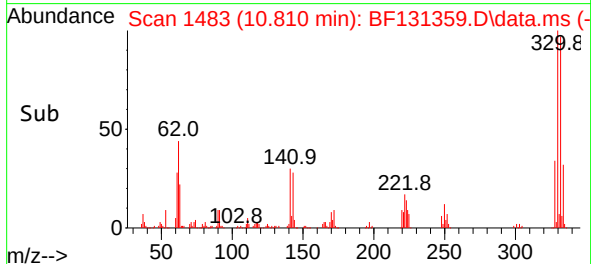
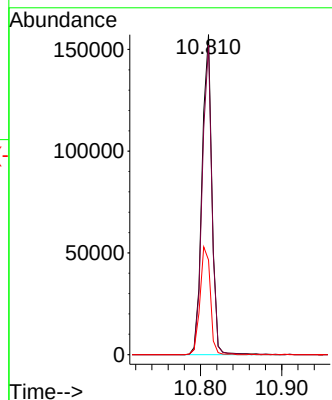
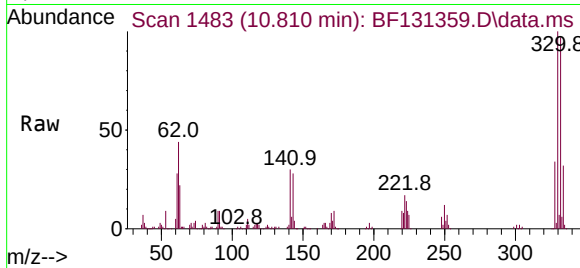




#42
2,4,6-Tribromophenol
Concen: 91.955 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

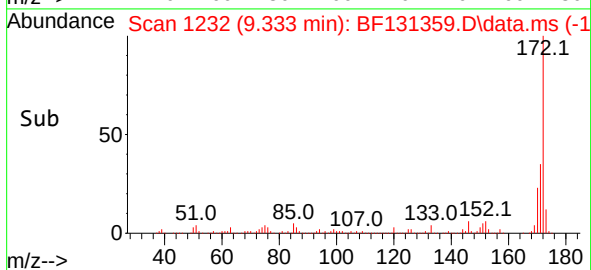
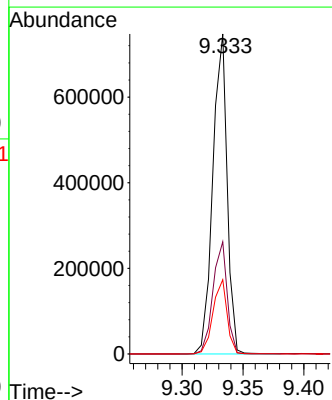
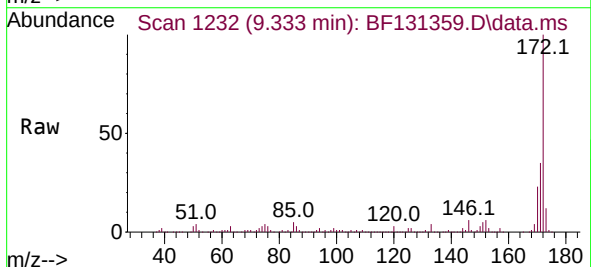
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-9

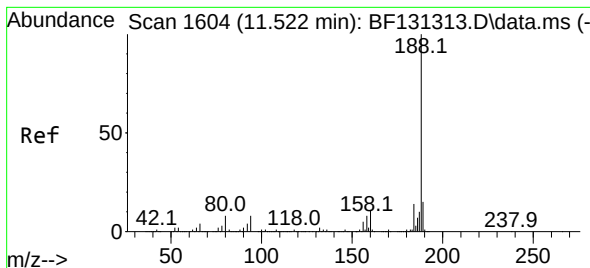
Tgt Ion:330 Resp: 131327
Ion Ratio Lower Upper
330 100
332 94.7 77.5 116.3
141 35.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 52.329 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131359.D
Acq: 23 Nov 2022 12:56

Tgt Ion:172 Resp: 610601
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: 11.516 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF131359.D

Acq: 23 Nov 2022 12:56

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-9

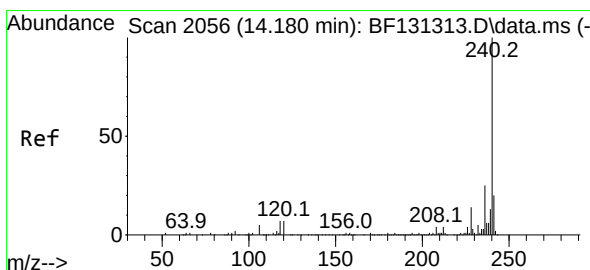
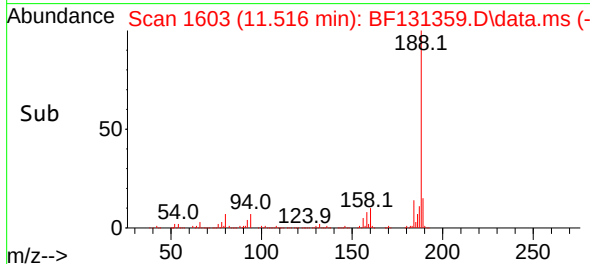
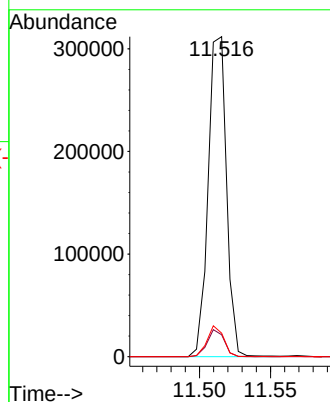
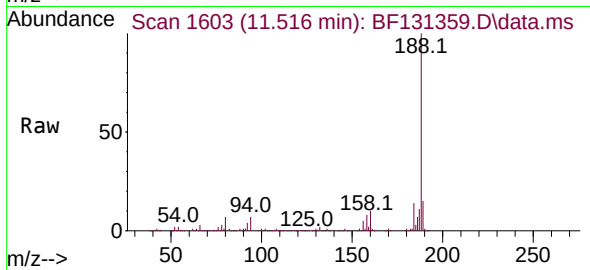
Tgt Ion:188 Resp: 279745

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

80 7.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF131359.D

Acq: 23 Nov 2022 12:56

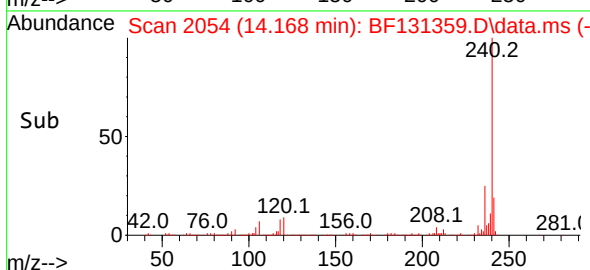
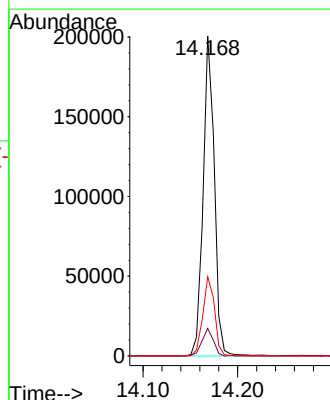
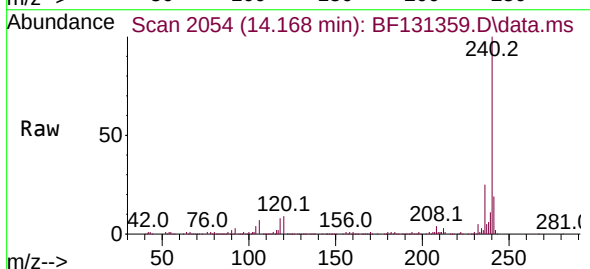
Tgt Ion:240 Resp: 165044

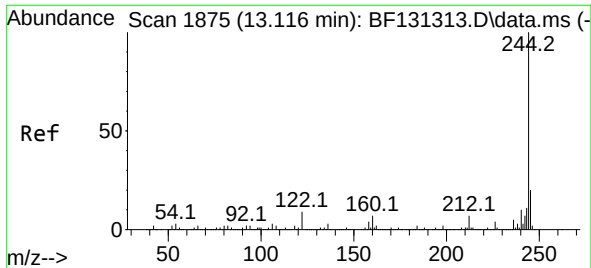
Ion Ratio Lower Upper

240 100

120 8.6 5.8 8.8

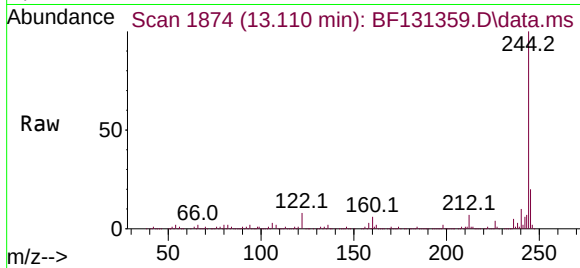
236 24.7 20.3 30.5



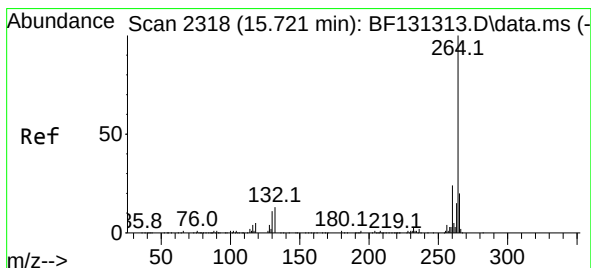
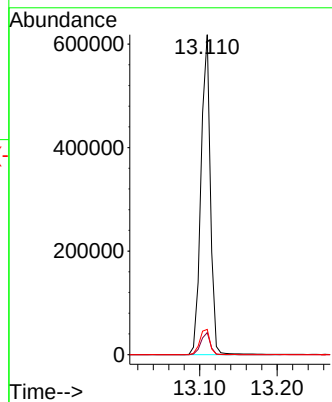
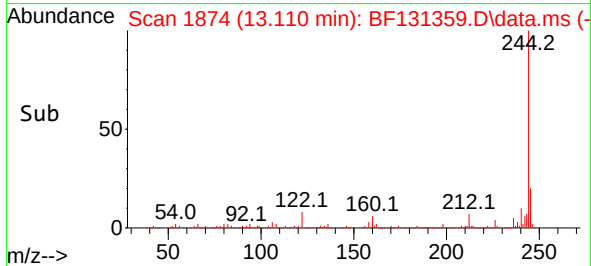


#79
 Terphenyl-d14
 Concen: 51.449 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131359.D
 Acq: 23 Nov 2022 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-9



Tgt Ion:244 Resp: 519263
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 7.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.709 min Scan# 2316
 Delta R.T. -0.006 min
 Lab File: BF131359.D
 Acq: 23 Nov 2022 12:56

Tgt Ion:264 Resp: 189655
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.4
 265 20.6 16.4 24.6

