

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131383.D
 Acq On : 24 Nov 2022 03:00
 Operator : CG\JU
 Sample : N5642-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-21

Quant Time: Nov 24 06:00:25 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 05:53:32 2022
 Response via : Initial Calibration

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

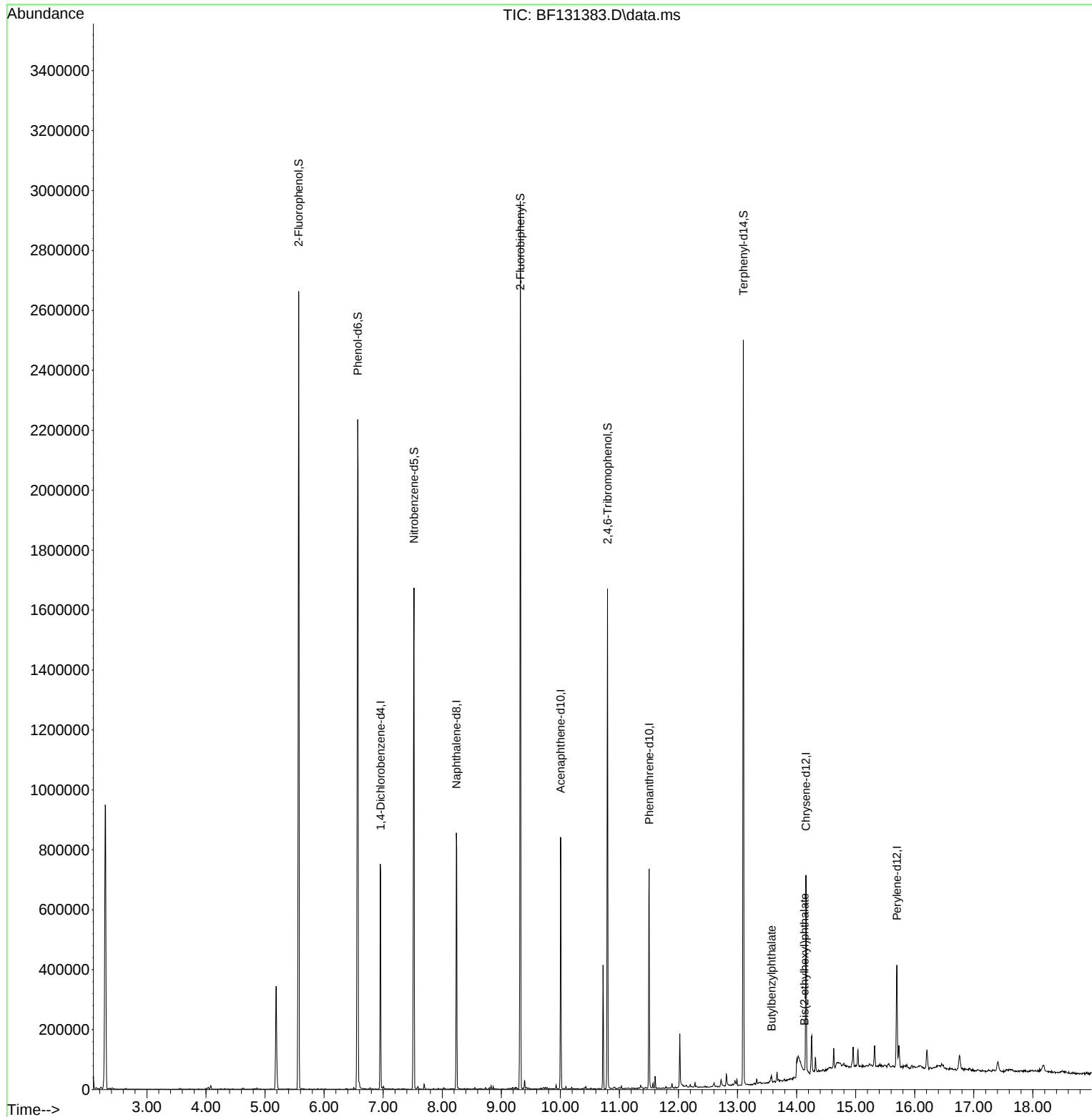
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	110512	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	365767	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	167382	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	266857	20.000	ng	0.00
76) Chrysene-d12	14.157	240	226623	20.000	ng	# 0.00
86) Perylene-d12	15.698	264	164101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	687478	118.396	ng	0.01
7) Phenol-d6	6.569	99	837836	113.090	ng	0.00
23) Nitrobenzene-d5	7.522	82	534829	73.708	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	167398	118.874	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	897025	77.966	ng	0.00
79) Terphenyl-d14	13.098	244	852195	61.493	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	13.574	149	3478	4.616	ng	Qvalue 95
84) Bis(2-ethylhexyl)phtha...	14.133	149	2154	3.971	ng	# 94

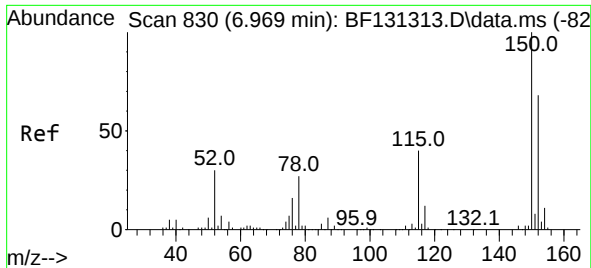
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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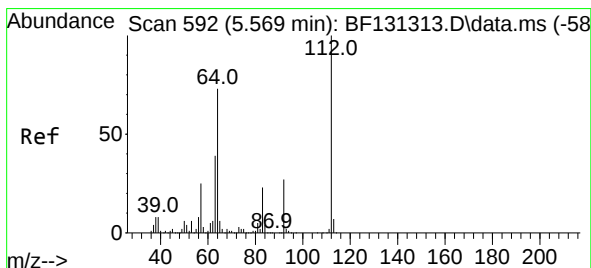
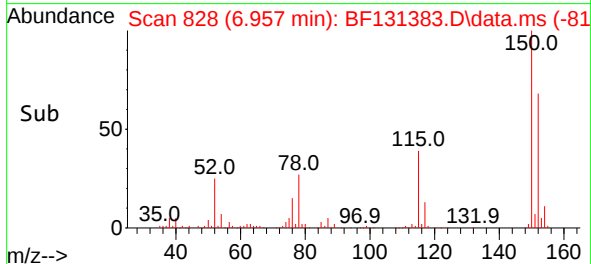
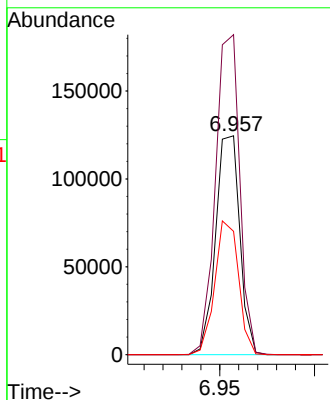
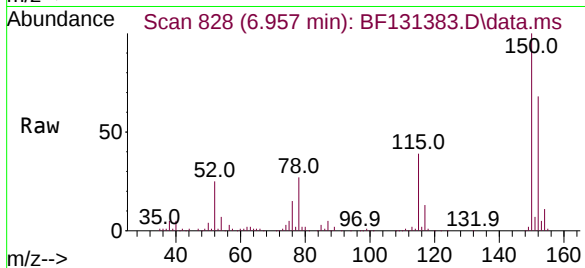




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

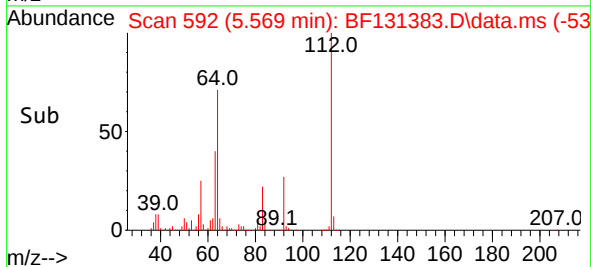
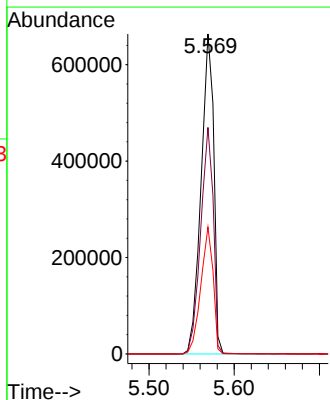
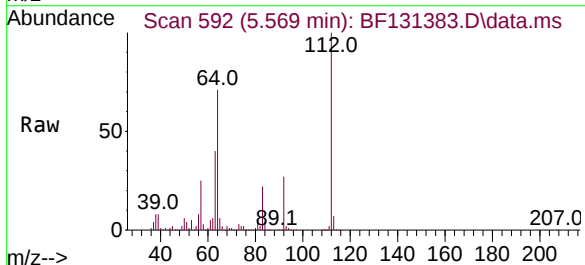
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-21

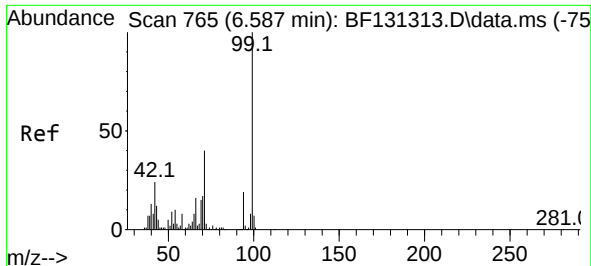
Tgt Ion:152 Resp: 110512
Ion Ratio Lower Upper
152 100
150 146.2 117.8 176.8
115 56.3 47.1 70.7



#5
2-Fluorophenol
Concen: 118.396 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

Tgt Ion:112 Resp: 687478
Ion Ratio Lower Upper
112 100
64 70.8 58.6 88.0
63 39.6 31.4 47.0

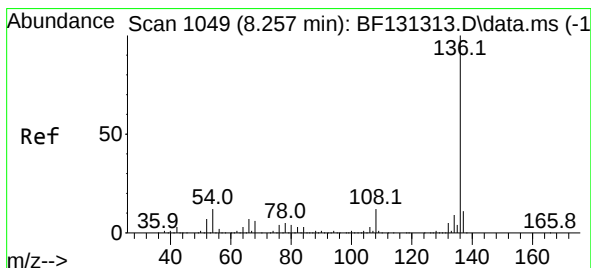
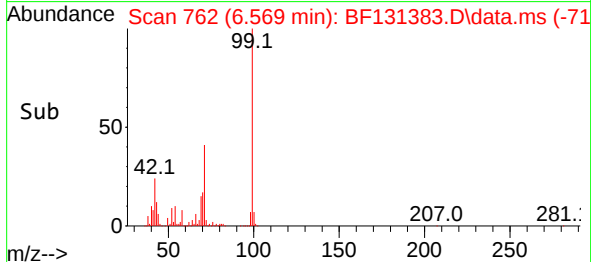
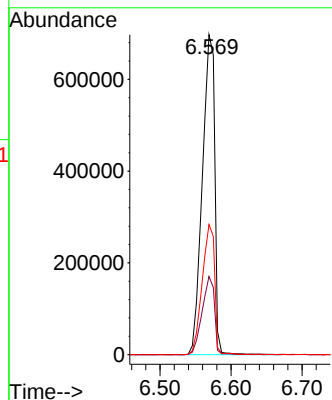
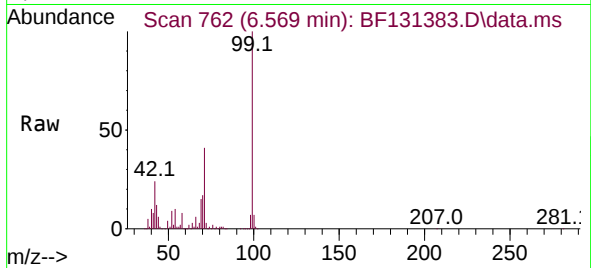




#7
Phenol-d6
Concen: 113.090 ng
RT: 6.569 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

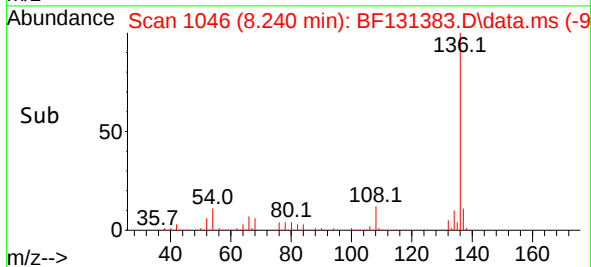
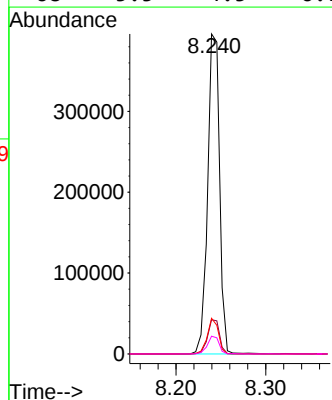
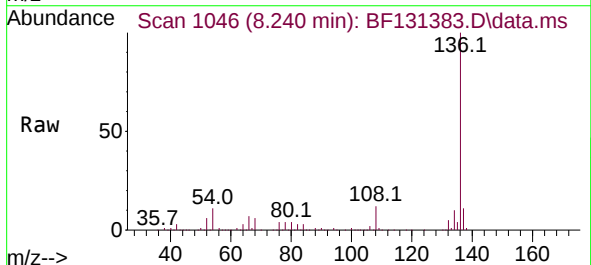
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-21

Tgt Ion: 99 Resp: 837836
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.2
71 40.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

Tgt Ion: 136 Resp: 365767
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 11.2 9.4 14.0
68 5.5 4.5 6.7

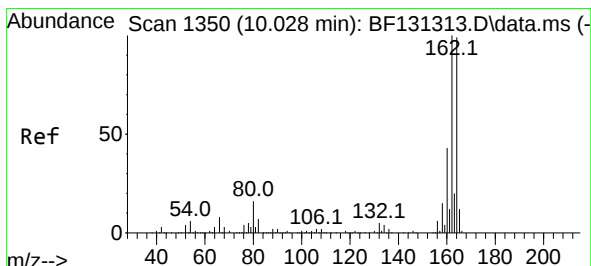
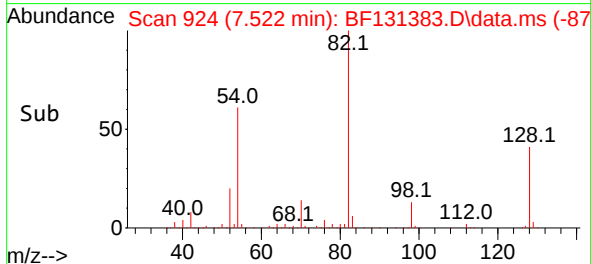
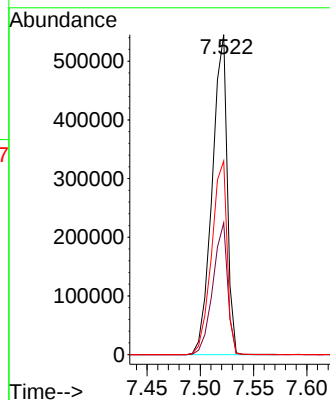
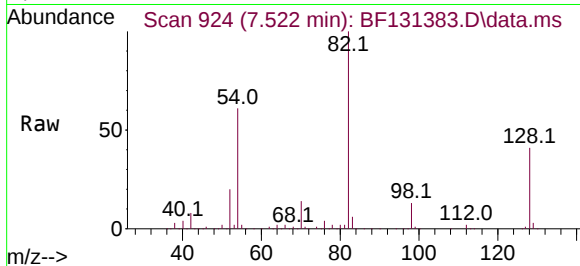




#23
Nitrobenzene-d5
Concen: 73.708 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

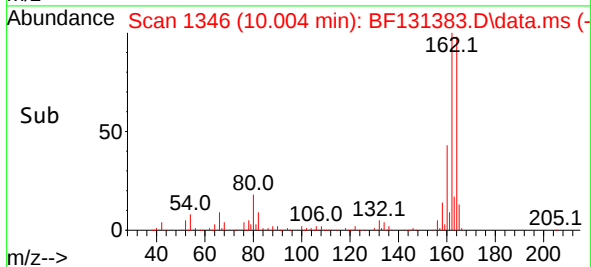
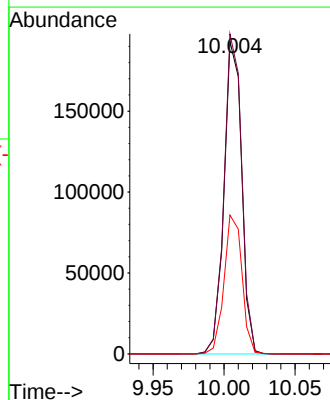
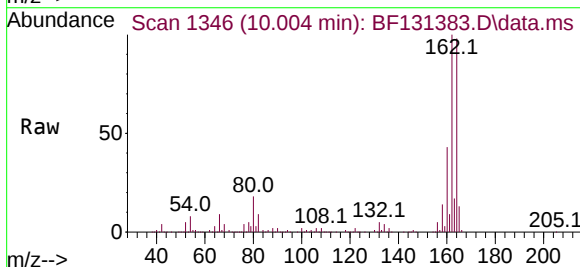
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-21

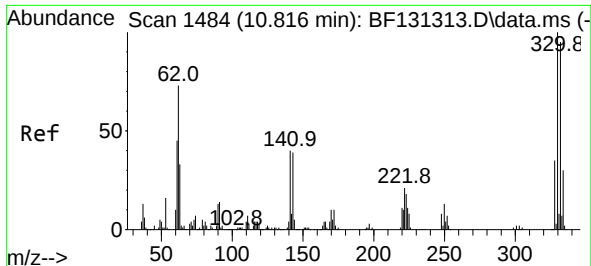
Tgt Ion: 82 Resp: 534829
Ion Ratio Lower Upper
82 100
128 41.2 31.4 47.0
54 60.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

Tgt Ion:164 Resp: 167382
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.874 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF131383.D

Acq: 24 Nov 2022 03:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-21

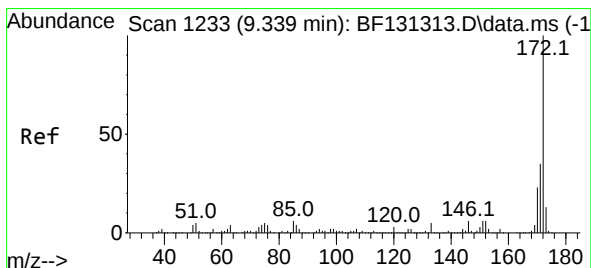
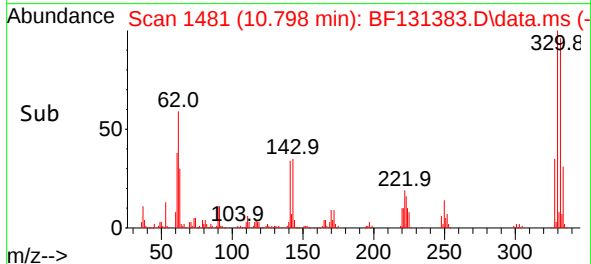
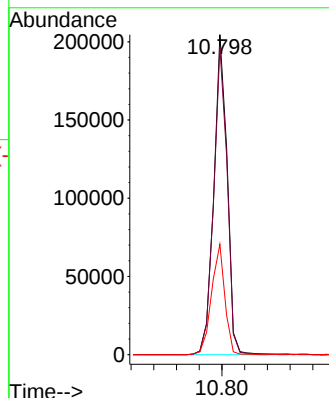
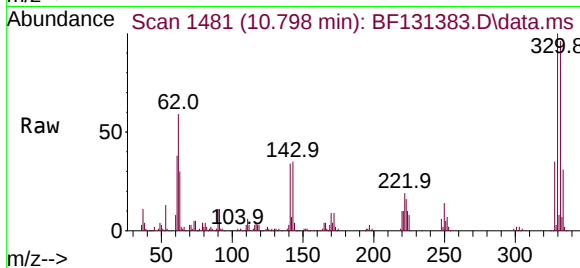
Tgt Ion:330 Resp: 167398

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 34.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 77.966 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131383.D

Acq: 24 Nov 2022 03:00

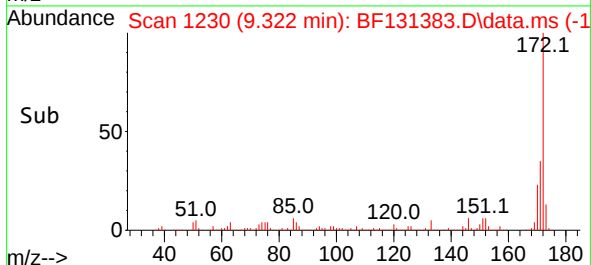
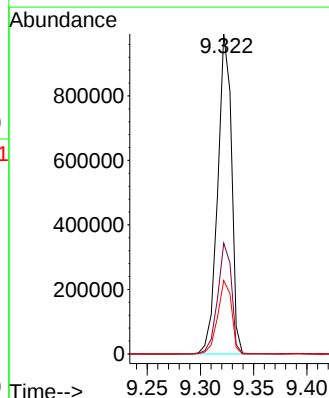
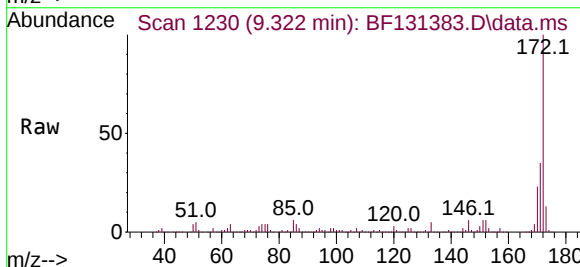
Tgt Ion:172 Resp: 897025

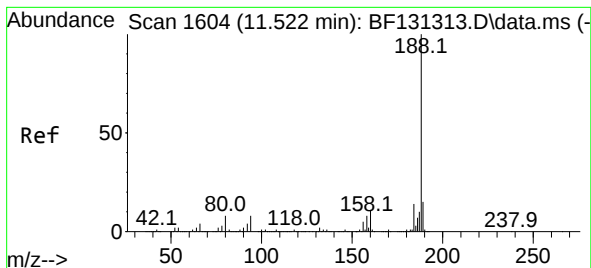
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131383.D

Acq: 24 Nov 2022 03:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-21

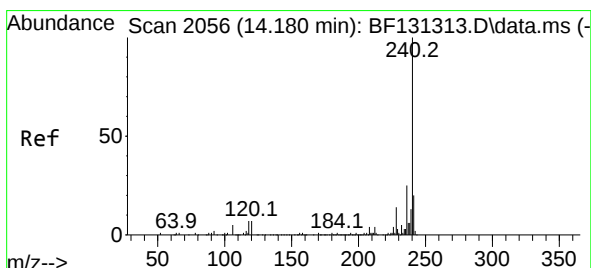
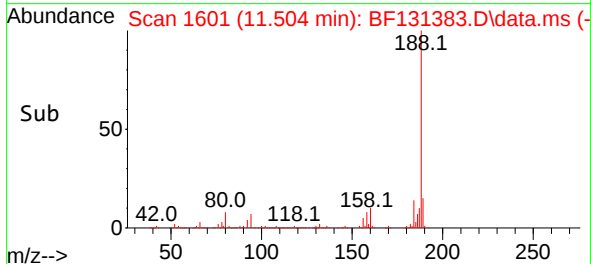
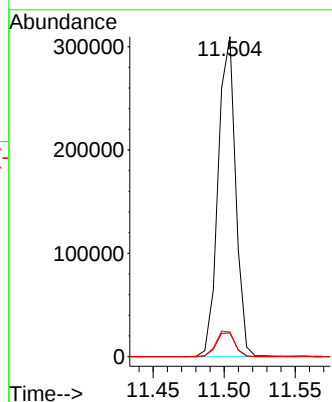
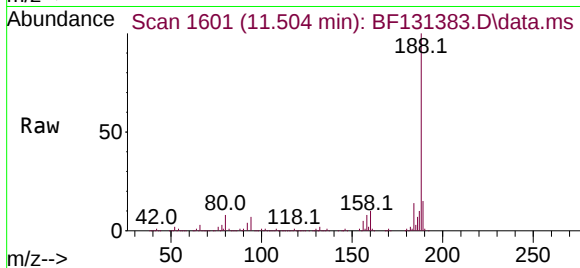
Tgt Ion:188 Resp: 266857

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

80 7.7 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF131383.D

Acq: 24 Nov 2022 03:00

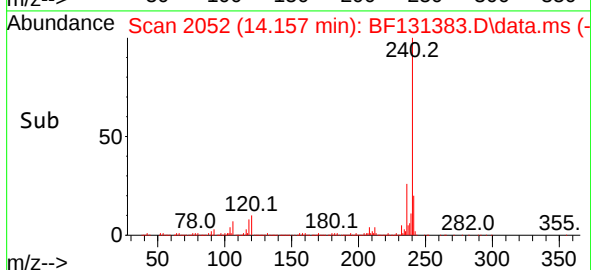
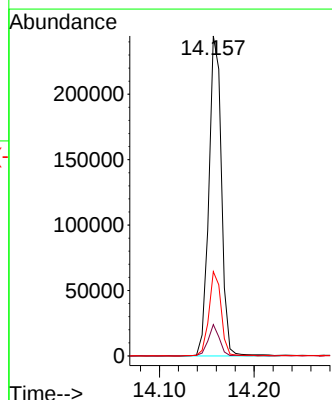
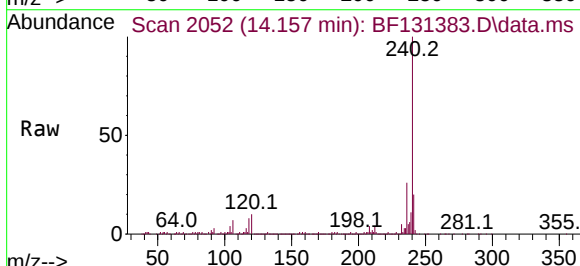
Tgt Ion:240 Resp: 226623

Ion Ratio Lower Upper

240 100

120 9.8 5.8 8.8#

236 26.3 20.3 30.5

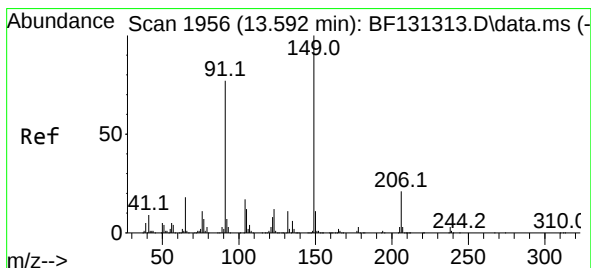
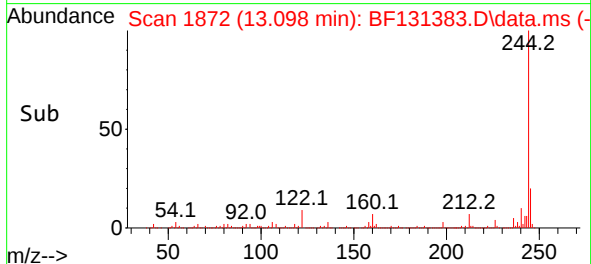
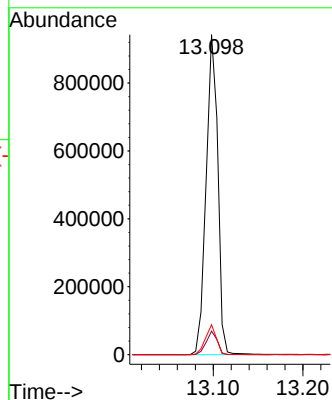
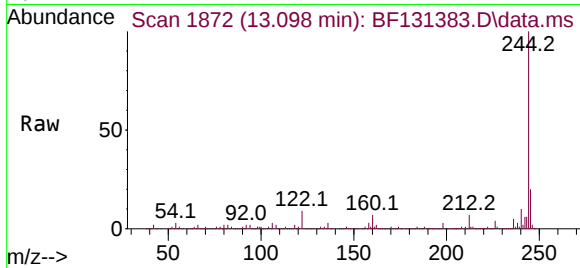




#79
 Terphenyl-d14
 Concen: 61.493 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131383.D
 Acq: 24 Nov 2022 03:00

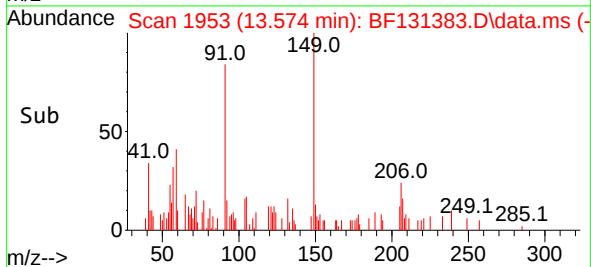
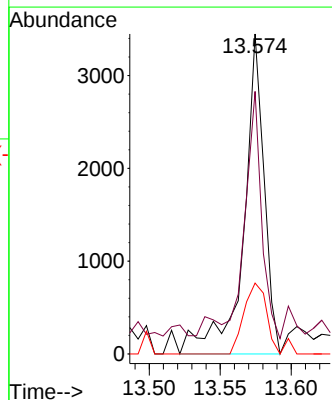
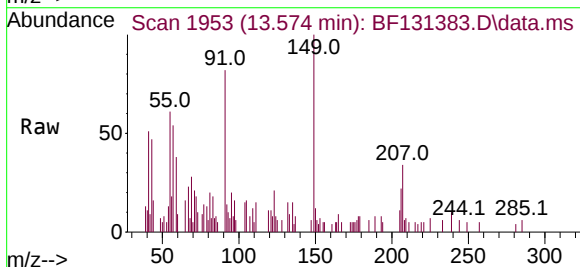
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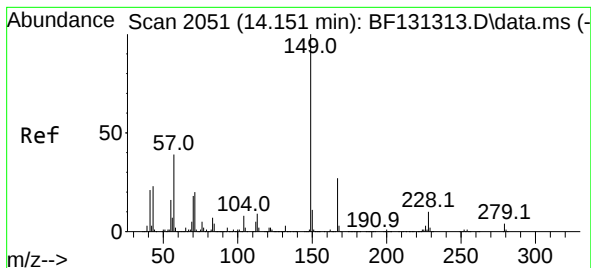
Tgt Ion:244 Resp: 852195
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.3 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.616 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: BF131383.D
 Acq: 24 Nov 2022 03:00

Tgt Ion:149 Resp: 3478
 Ion Ratio Lower Upper
 149 100
 91 82.1 61.9 92.9
 206 22.2 16.5 24.7

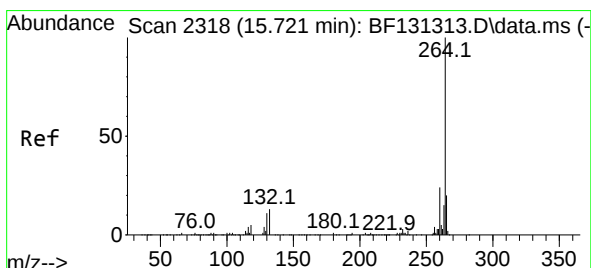
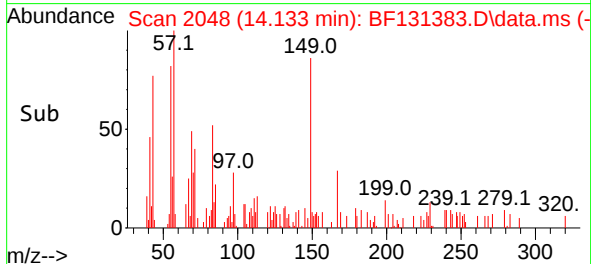
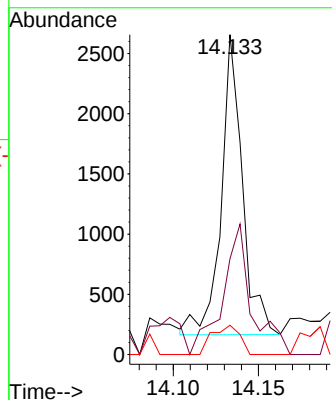
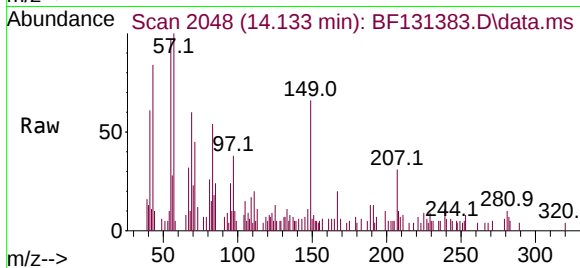




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.971 ng
RT: 14.133 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-21

Tgt Ion:149 Resp: 2154
Ion Ratio Lower Upper
149 100
167 29.9 21.9 32.9
279 9.1 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. 0.006 min
Lab File: BF131383.D
Acq: 24 Nov 2022 03:00

Tgt Ion:264 Resp: 164101
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.3 16.4 24.6

