

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131374.D
 Acq On : 23 Nov 2022 22:11
 Operator : CG\JU
 Sample : N5642-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-23

Quant Time: Nov 24 05:58:17 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	6.951	152	117019	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	411530	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	204913	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	306096	20.000	ng	0.00
76) Chrysene-d12	14.157	240	219400	20.000	ng	0.00
86) Perylene-d12	15.692	264	189129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	693015	112.713	ng	0.01
7) Phenol-d6	6.569	99	853579	108.809	ng	0.00
23) Nitrobenzene-d5	7.516	82	562347	68.882	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	181654	105.371	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	949224	67.392	ng	0.00
79) Terphenyl-d14	13.098	244	737964	55.003	ng	0.00

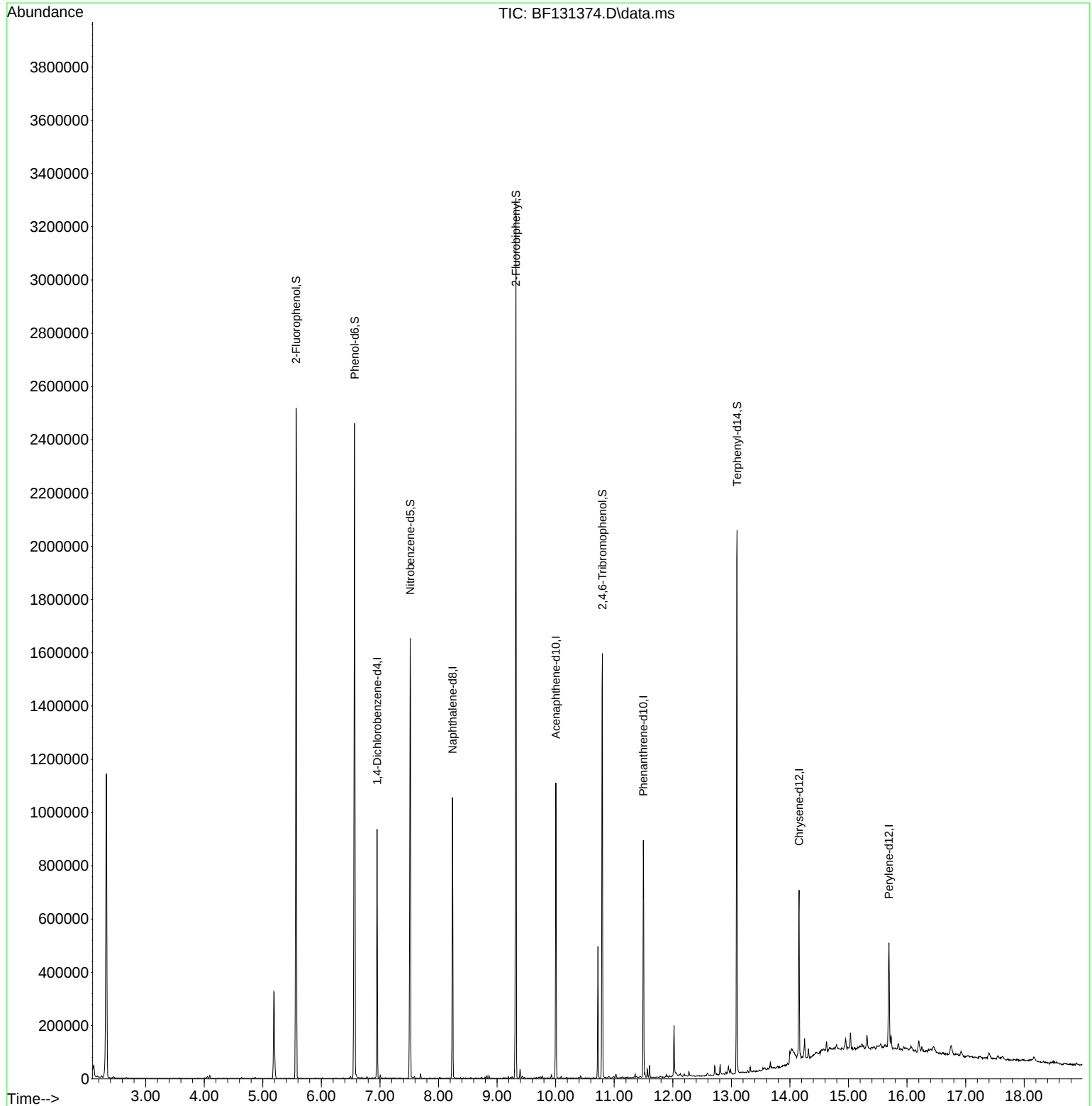
Target Compounds	Qvalue

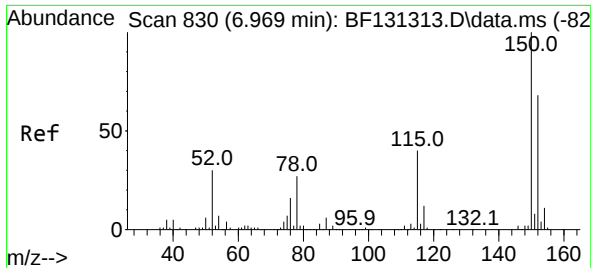
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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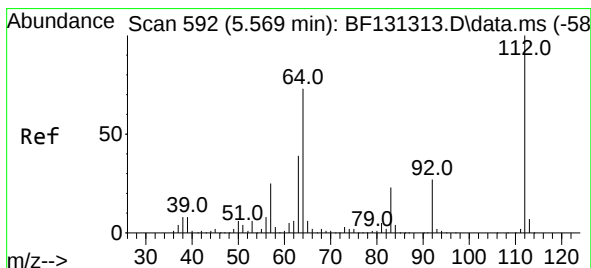
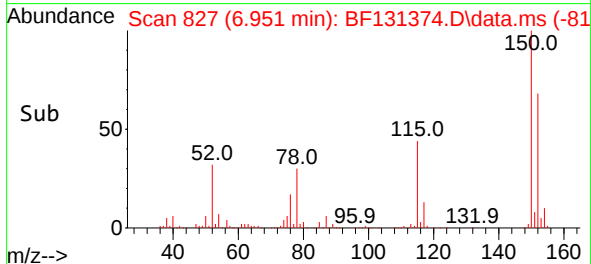
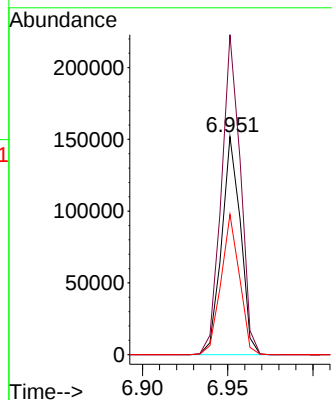
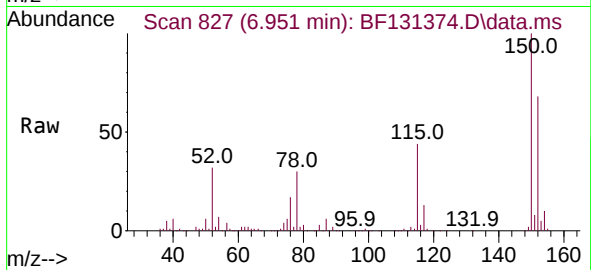




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

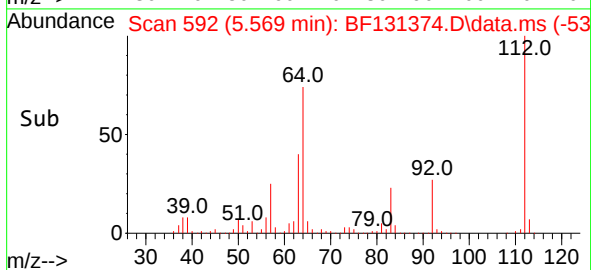
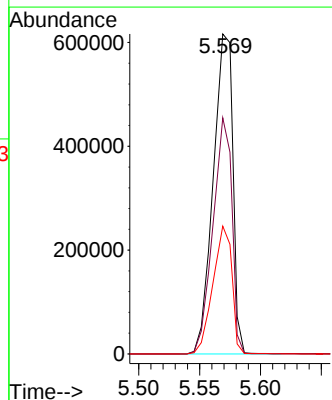
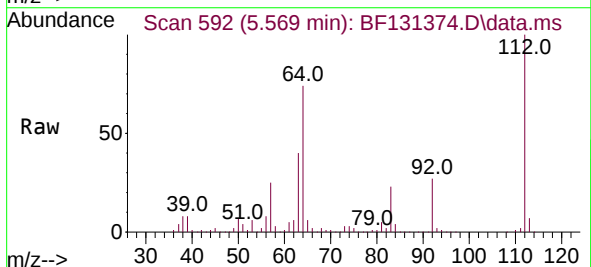
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

Tgt Ion:152 Resp: 117019
Ion Ratio Lower Upper
152 100
150 146.7 117.8 176.8
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 112.713 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

Tgt Ion:112 Resp: 693015
Ion Ratio Lower Upper
112 100
64 73.8 58.6 88.0
63 39.9 31.4 47.0

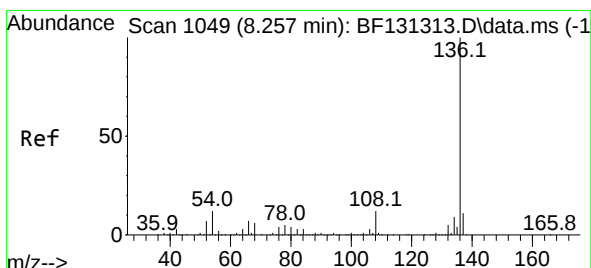
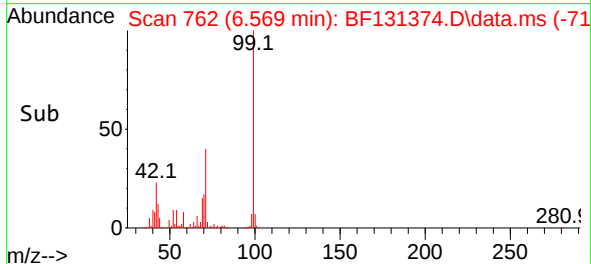
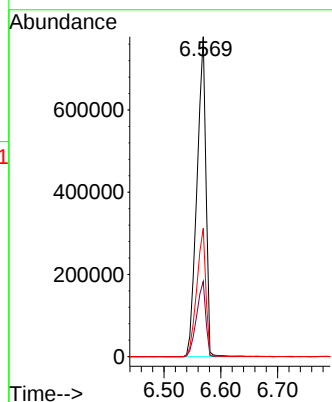
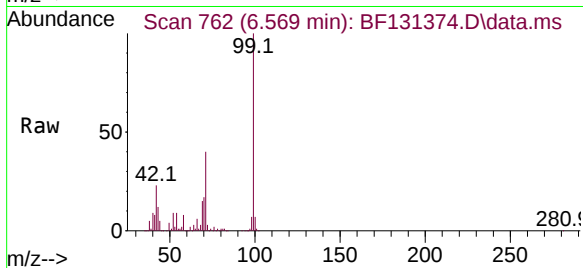




#7
Phenol-d6
Concen: 108.809 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

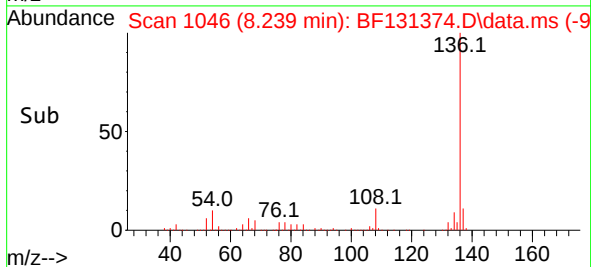
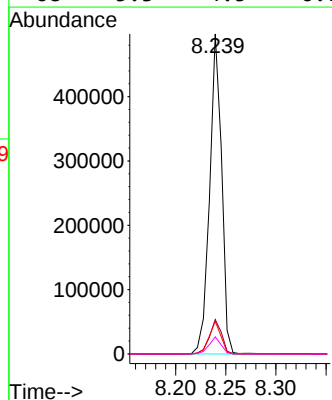
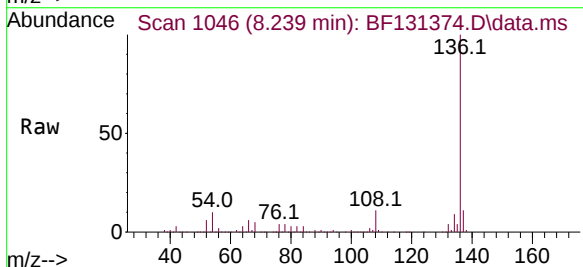
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

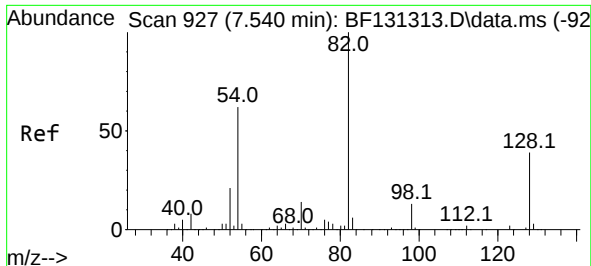
Tgt Ion: 99 Resp: 853579
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 40.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

Tgt Ion: 136 Resp: 411530
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7

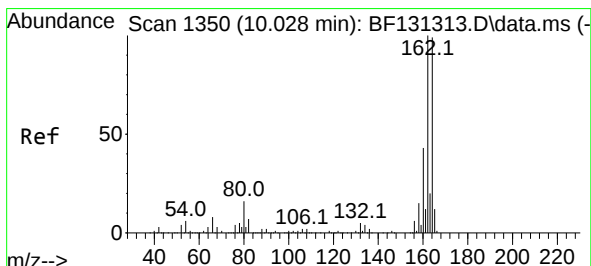
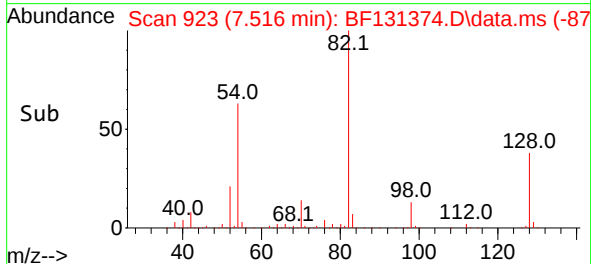
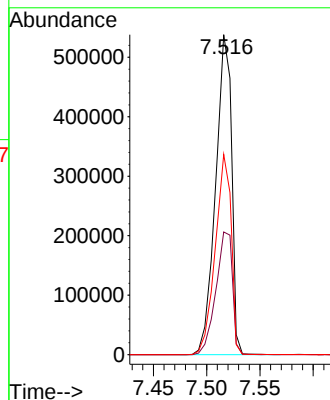
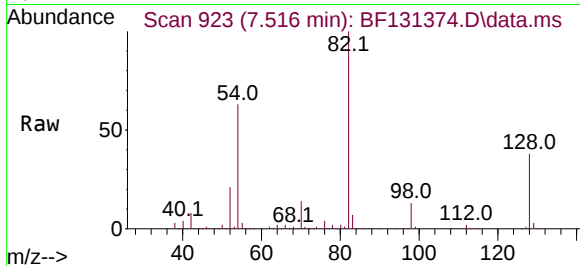




#23
Nitrobenzene-d5
Concen: 68.882 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

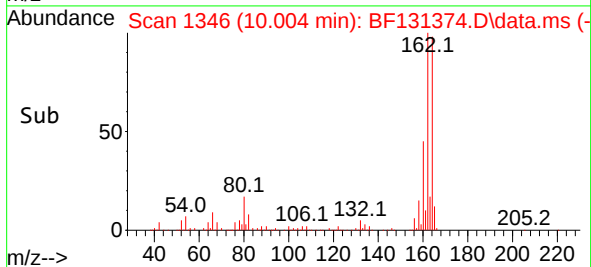
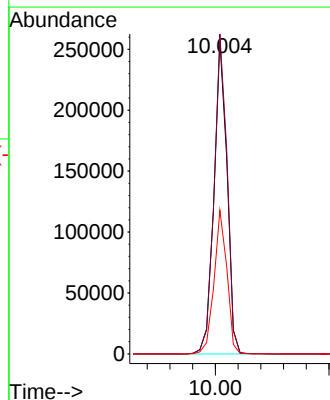
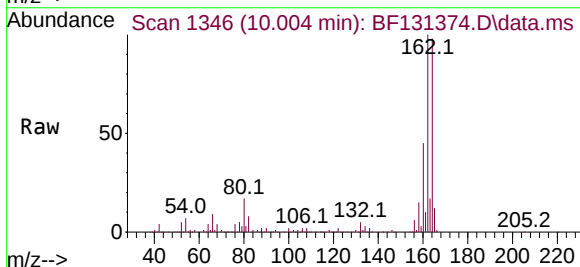
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

Tgt Ion: 82 Resp: 562347
Ion Ratio Lower Upper
82 100
128 38.4 31.4 47.0
54 62.6 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: BF131374.D
Acq: 23 Nov 2022 22:11

Tgt Ion:164 Resp: 204913
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 105.371 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131374.D

Acq: 23 Nov 2022 22:11

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-23

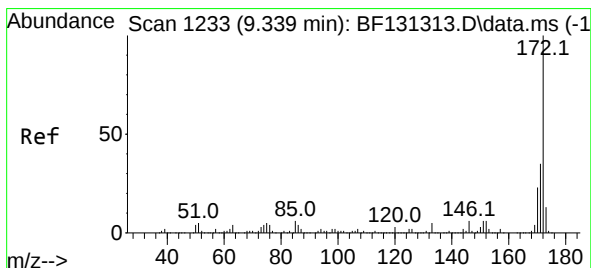
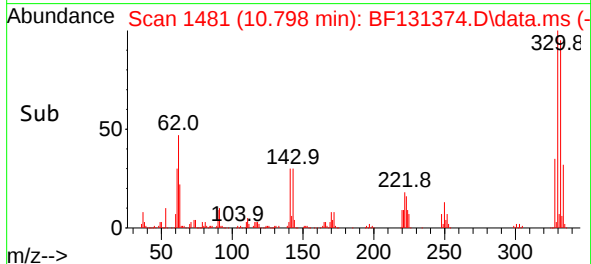
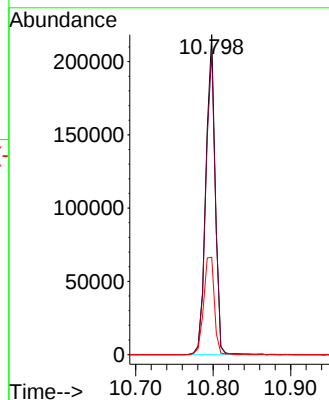
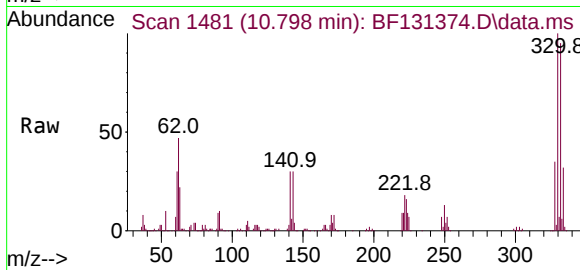
Tgt Ion:330 Resp: 181654

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 35.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 67.392 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131374.D

Acq: 23 Nov 2022 22:11

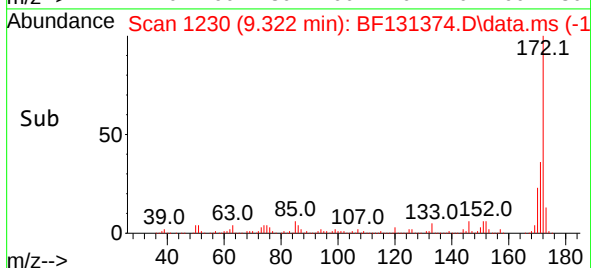
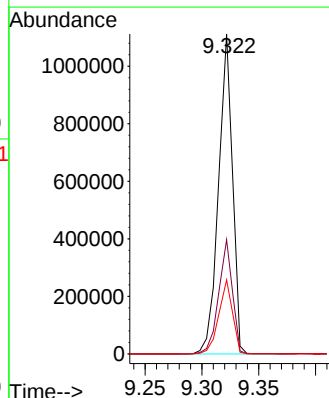
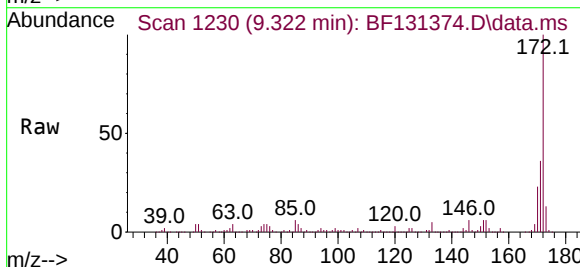
Tgt Ion:172 Resp: 949224

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.1 18.7 28.1

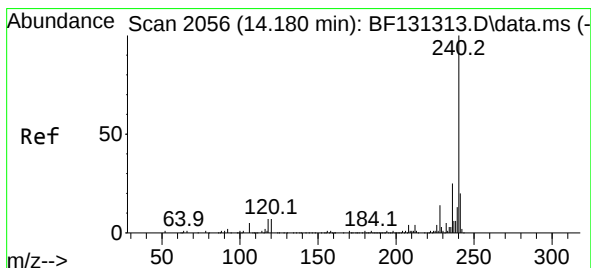
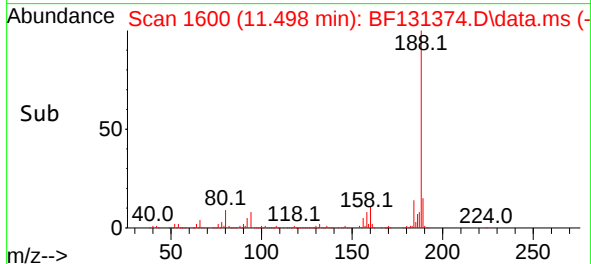
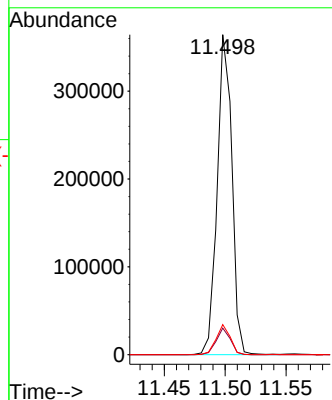
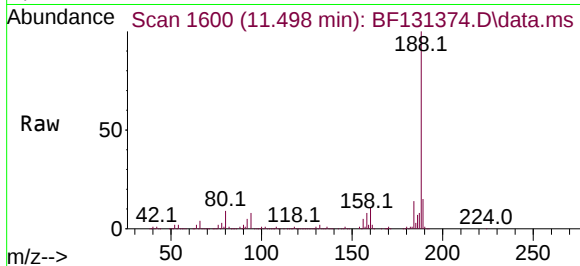




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

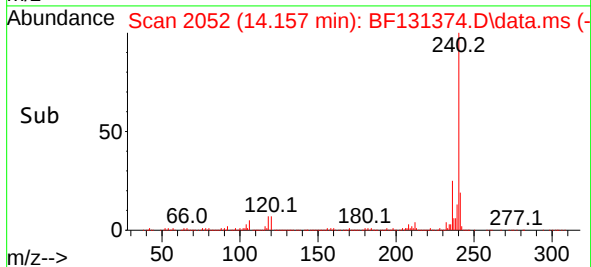
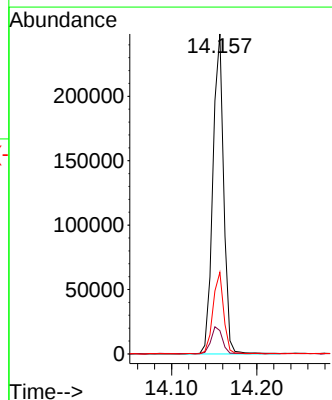
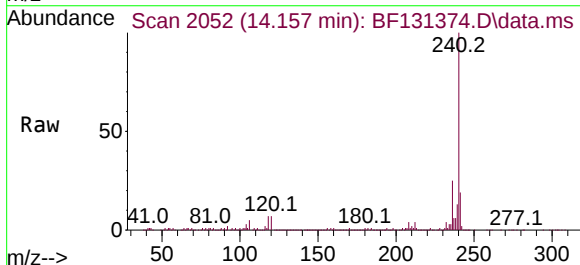
Instrument :
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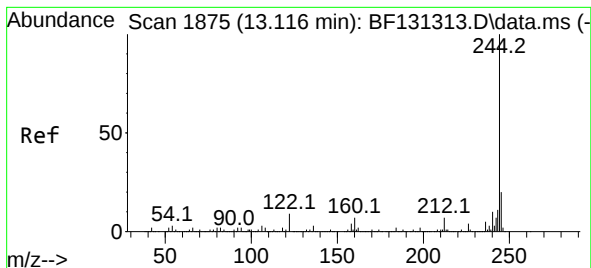
Tgt Ion:188 Resp: 306096
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131374.D
Acq: 23 Nov 2022 22:11

Tgt Ion:240 Resp: 219400
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 55.003 ng

RT: 13.098 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BF131374.D

Acq: 23 Nov 2022 22:11

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-23

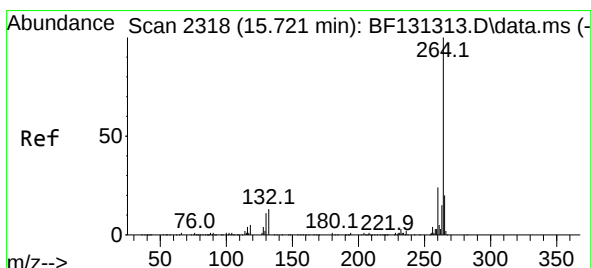
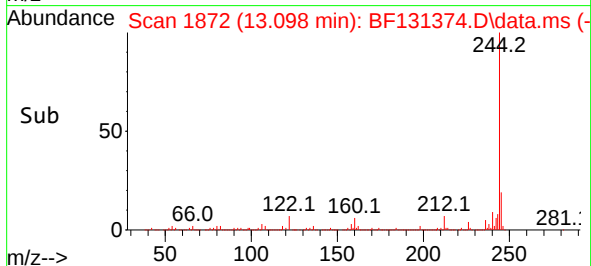
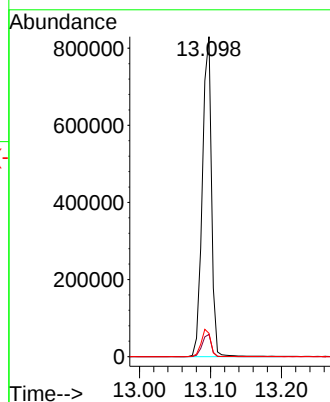
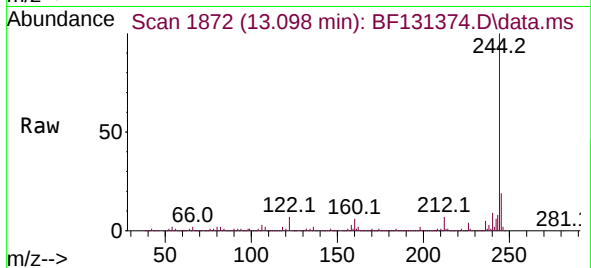
Tgt Ion:244 Resp: 737964

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 7.3 7.5 11.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BF131374.D

Acq: 23 Nov 2022 22:11

Tgt Ion:264 Resp: 189129

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.2 16.4 24.6

