

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131368.D
 Acq On : 23 Nov 2022 18:53
 Operator : CG\JU
 Sample : N5641-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-14

Quant Time: Nov 24 05:56:58 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	134051	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	490066	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	270986	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	435151	20.000	ng	0.00
76) Chrysene-d12	14.157	240	248098	20.000	ng	0.00
86) Perylene-d12	15.692	264	226334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	710360	100.855	ng	0.01
7) Phenol-d6	6.569	99	885919	98.583	ng	0.00
23) Nitrobenzene-d5	7.516	82	592699	60.966	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	217415	95.365	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1068279	57.352	ng	0.00
79) Terphenyl-d14	13.098	244	895642	59.034	ng	0.00

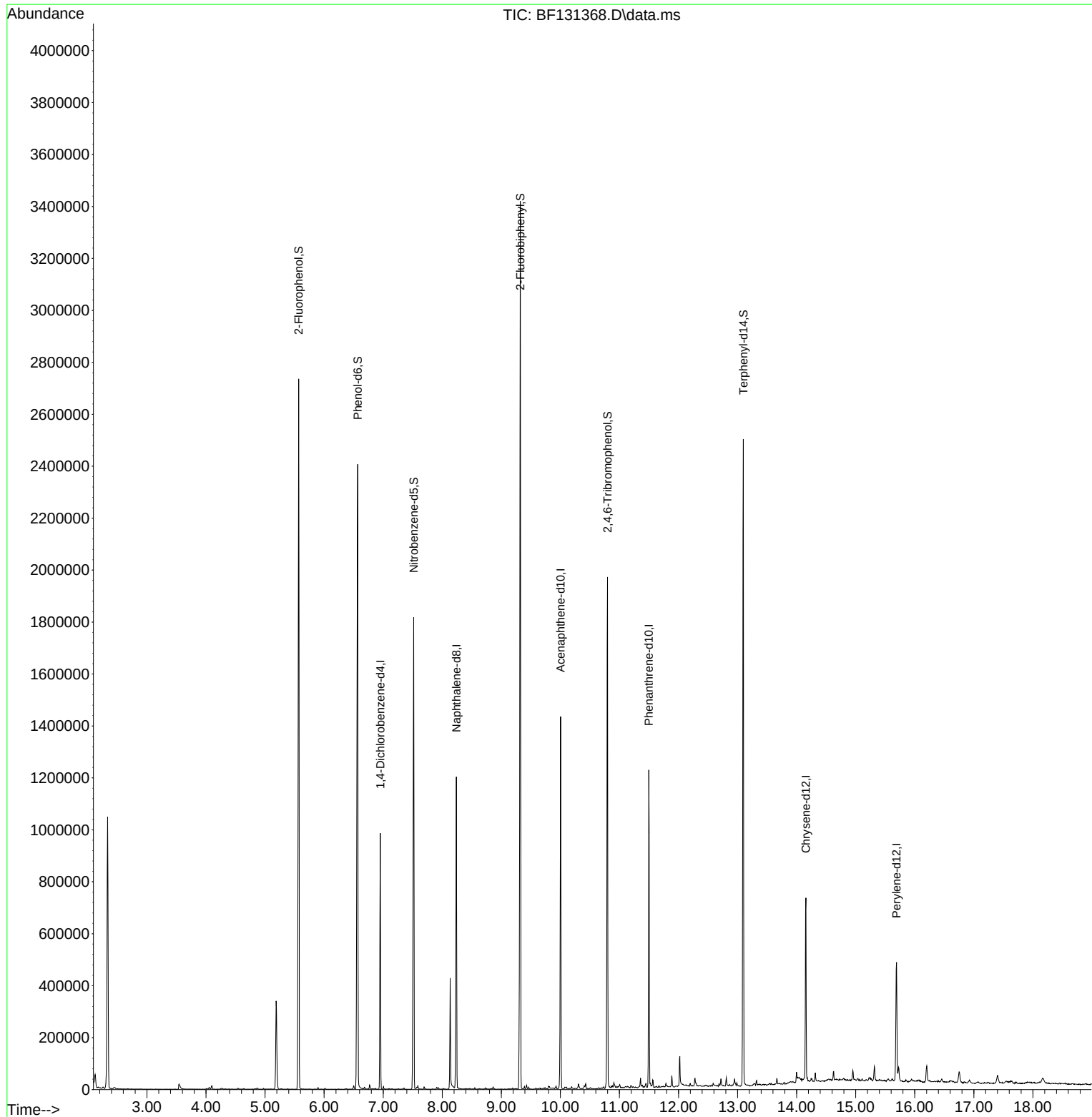
Target Compounds	Qvalue

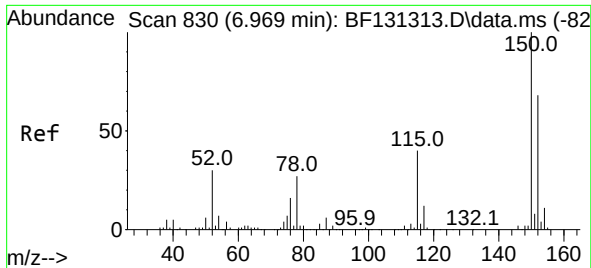
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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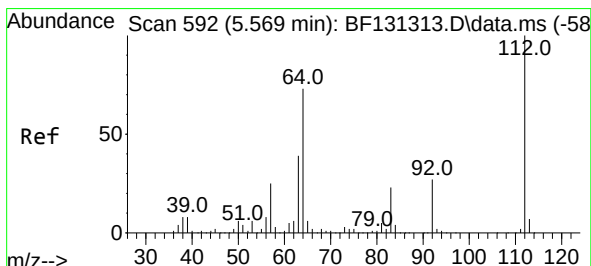
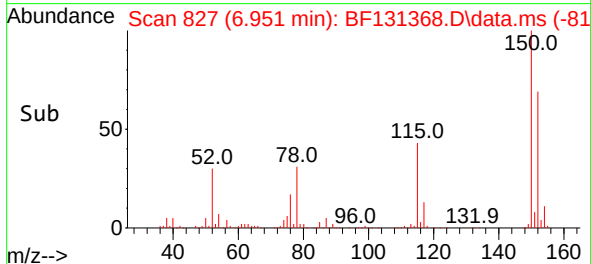
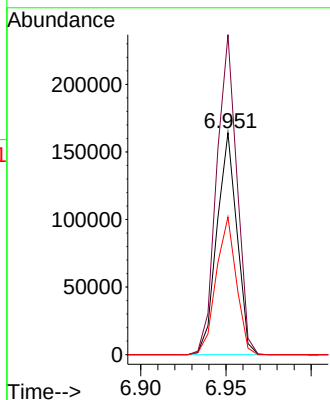
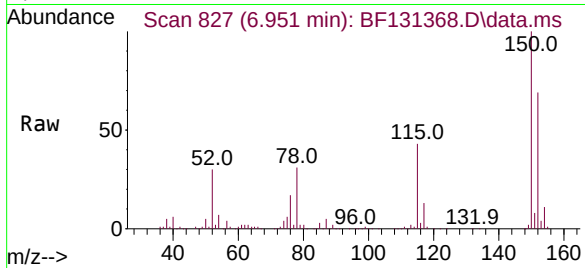




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131368.D
 Acq: 23 Nov 2022 18:53

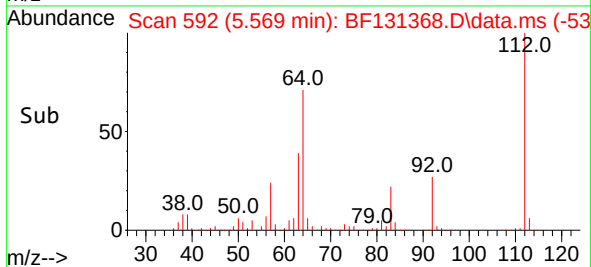
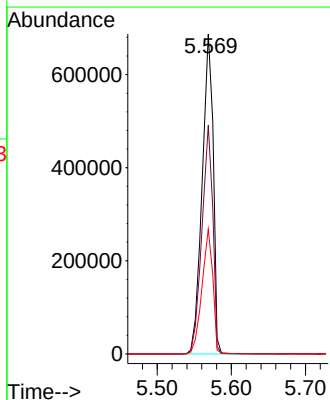
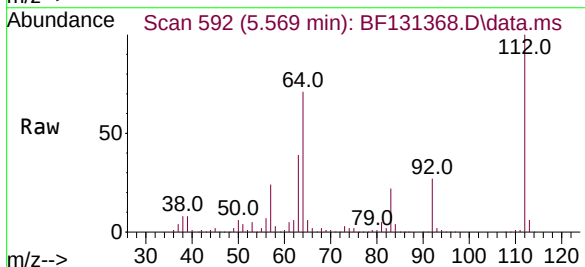
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-14

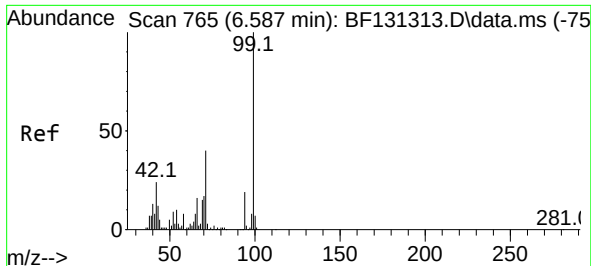
Tgt Ion:152 Resp: 134051
 Ion Ratio Lower Upper
 152 100
 150 144.2 117.8 176.8
 115 62.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 100.855 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131368.D
 Acq: 23 Nov 2022 18:53

Tgt Ion:112 Resp: 710360
 Ion Ratio Lower Upper
 112 100
 64 71.5 58.6 88.0
 63 39.0 31.4 47.0

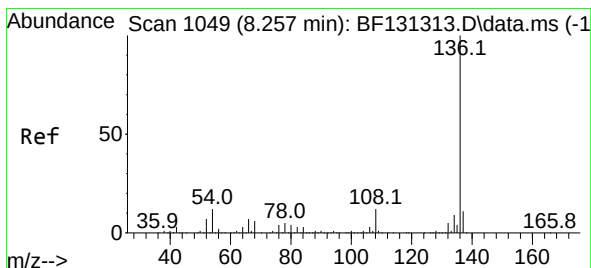
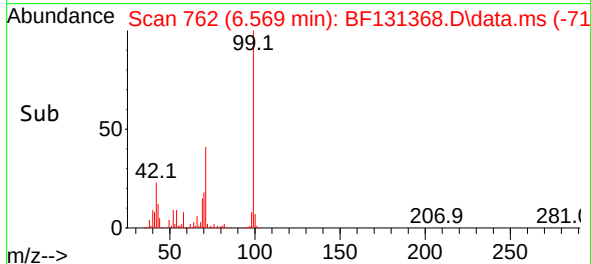
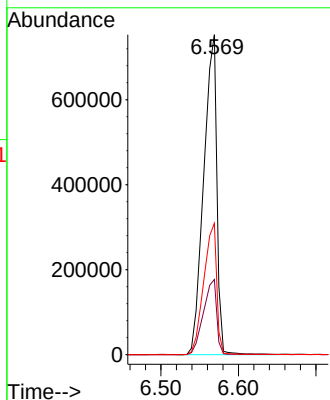
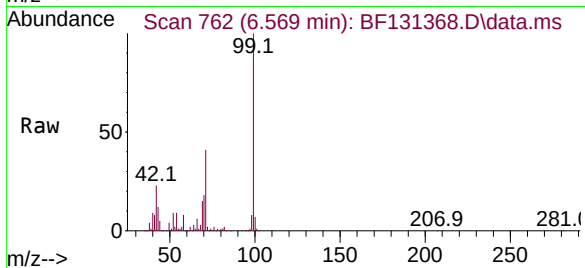




#7
Phenol-d6
Concen: 98.583 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

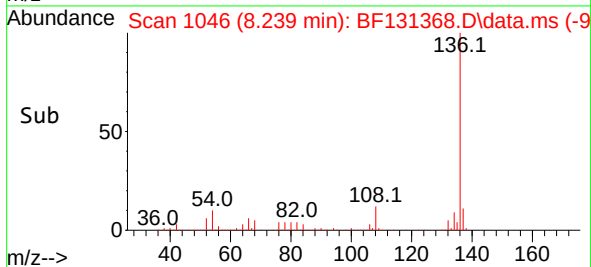
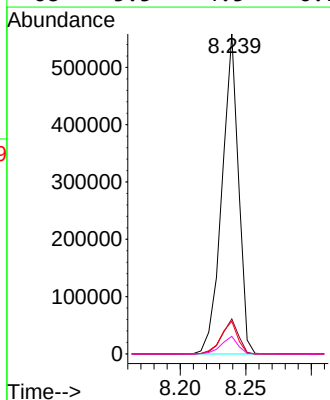
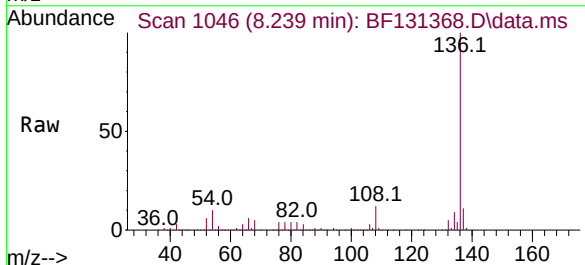
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-14

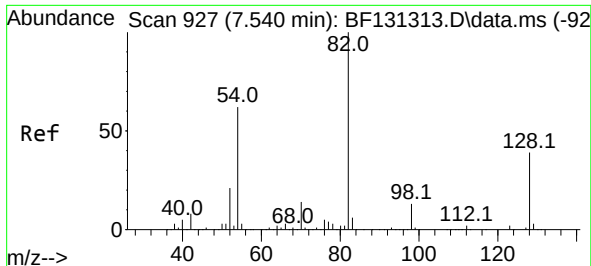
Tgt Ion: 99 Resp: 885919
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 41.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

Tgt Ion: 136 Resp: 490066
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.2 9.4 14.0
68 5.5 4.5 6.7

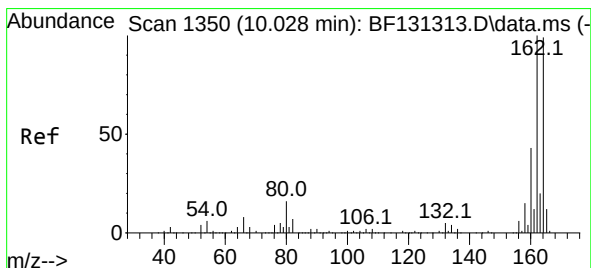
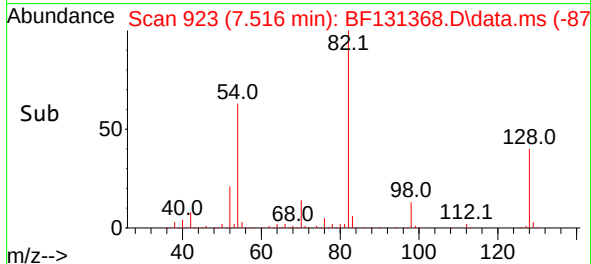
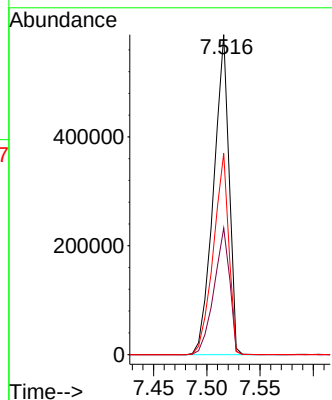
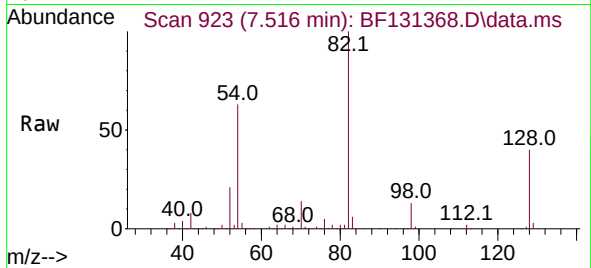




#23
Nitrobenzene-d5
Concen: 60.966 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

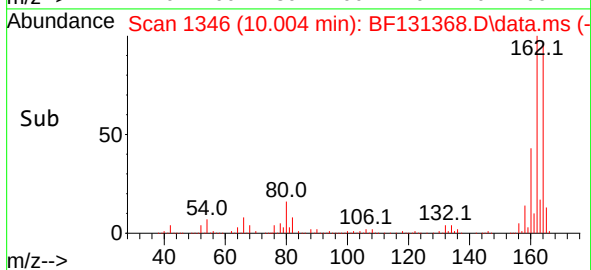
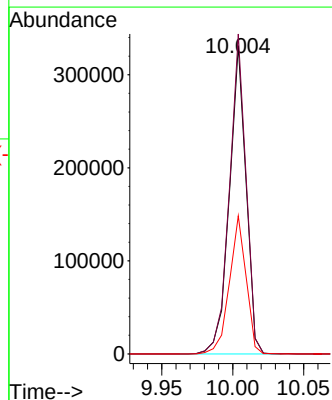
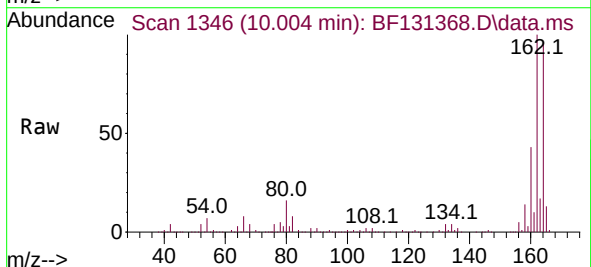
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-14

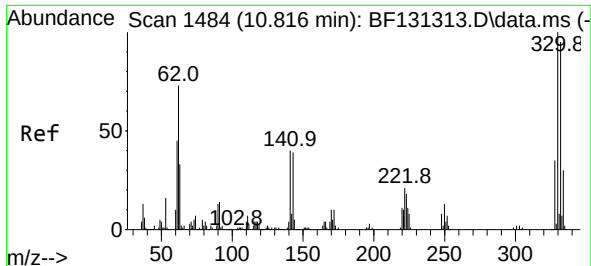
Tgt Ion: 82 Resp: 592699
Ion Ratio Lower Upper
82 100
128 39.6 31.4 47.0
54 62.9 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

Tgt Ion:164 Resp: 270986
Ion Ratio Lower Upper
164 100
162 103.8 80.6 120.8
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 95.365 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131368.D

Acq: 23 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-14

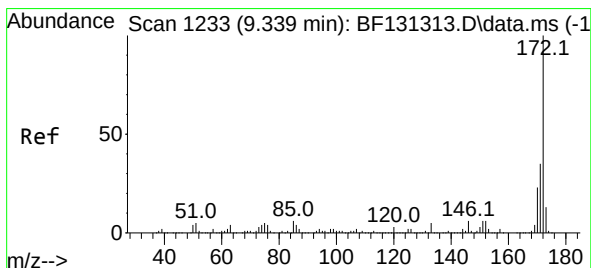
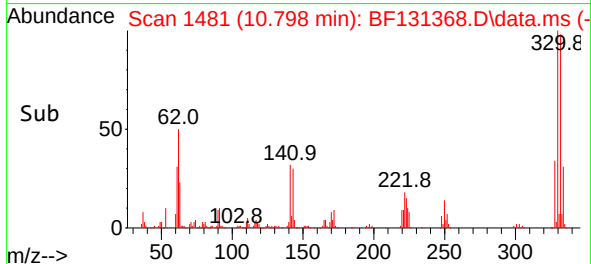
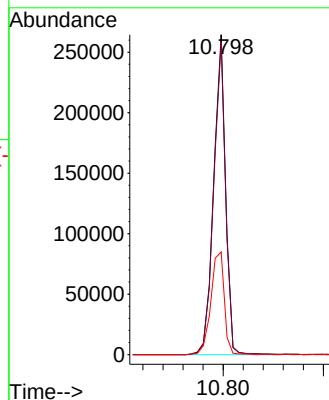
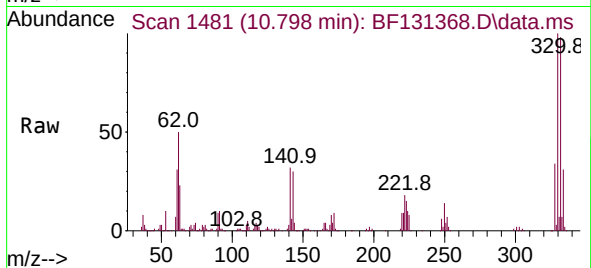
Tgt Ion:330 Resp: 217415

Ion Ratio Lower Upper

330 100

332 97.4 77.5 116.3

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 57.352 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131368.D

Acq: 23 Nov 2022 18:53

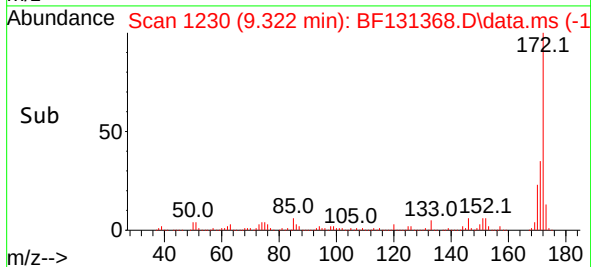
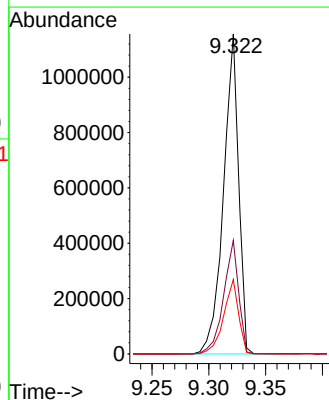
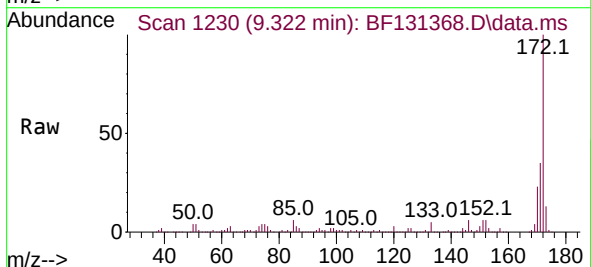
Tgt Ion:172 Resp: 1068279

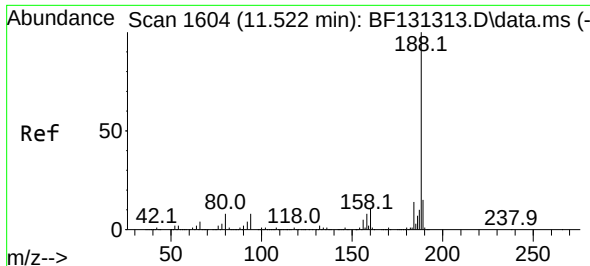
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 18.7 28.1

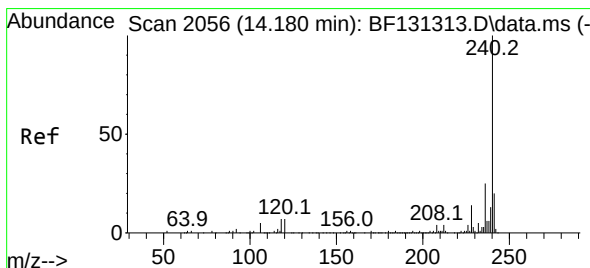
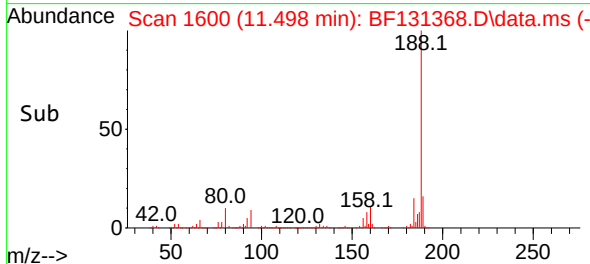
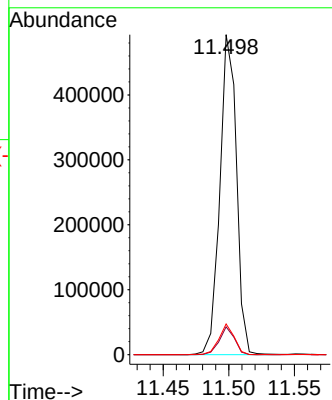
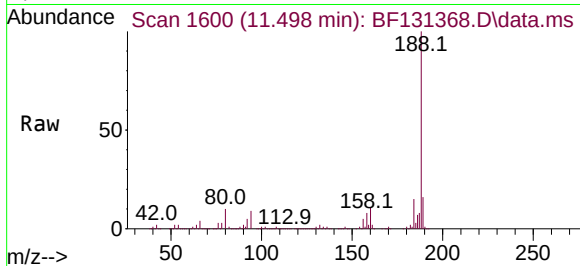




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

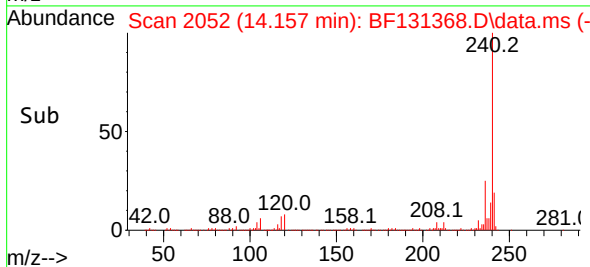
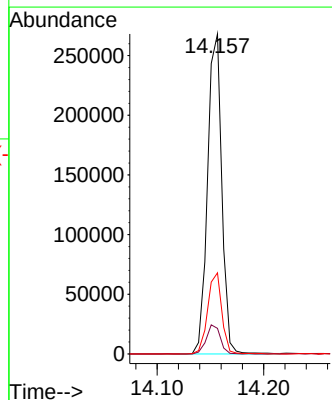
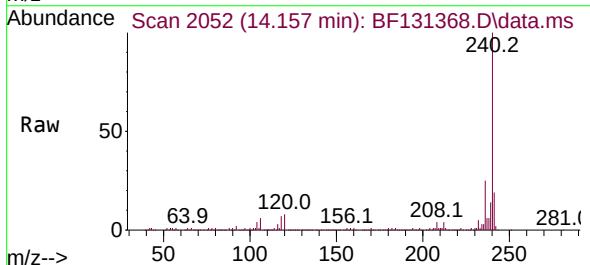
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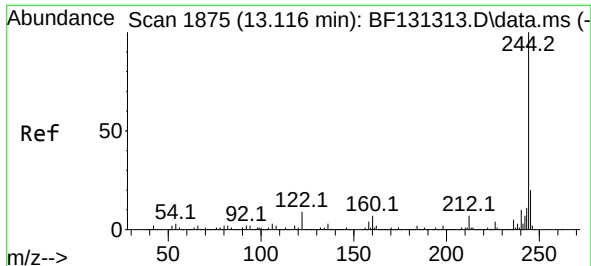
Tgt Ion:188 Resp: 435151
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131368.D
Acq: 23 Nov 2022 18:53

Tgt Ion:240 Resp: 248098
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 25.3 20.3 30.5

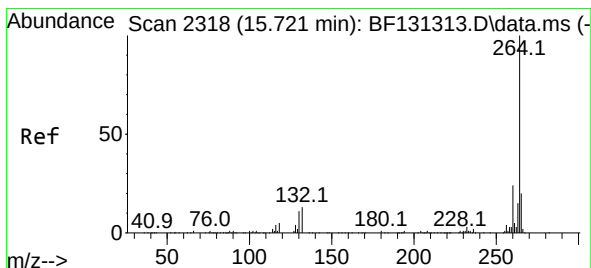
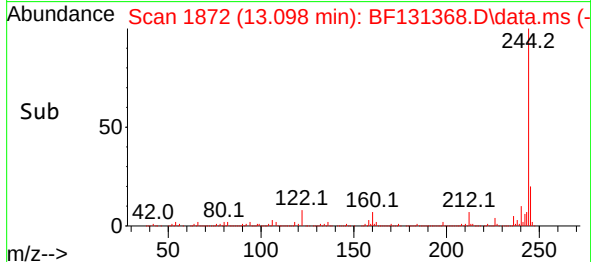
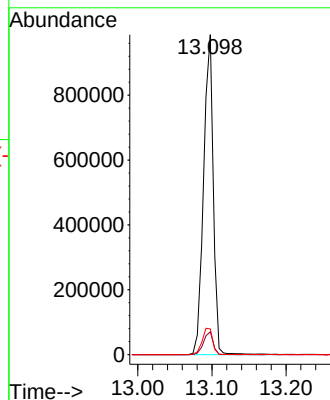
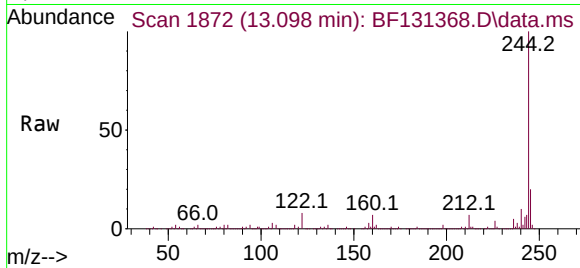




#79
 Terphenyl-d14
 Concen: 59.034 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131368.D
 Acq: 23 Nov 2022 18:53

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-14

Tgt Ion:244 Resp: 895642
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.0 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: BF131368.D
 Acq: 23 Nov 2022 18:53

Tgt Ion:264 Resp: 226334
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.7 16.4 24.6

