

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131378.D
 Acq On : 24 Nov 2022 00:21
 Operator : CG\JU
 Sample : N5641-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-17

Quant Time: Nov 24 05:59:16 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	113345	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379998	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	184442	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	268296	20.000	ng	0.00
76) Chrysene-d12	14.157	240	221839	20.000	ng	# 0.00
86) Perylene-d12	15.698	264	170273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	607123	101.944	ng	0.01
7) Phenol-d6	6.569	99	738430	97.181	ng	0.00
23) Nitrobenzene-d5	7.522	82	483200	64.099	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	146845	94.633	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	825315	65.098	ng	0.00
79) Terphenyl-d14	13.098	244	695764	51.288	ng	0.00

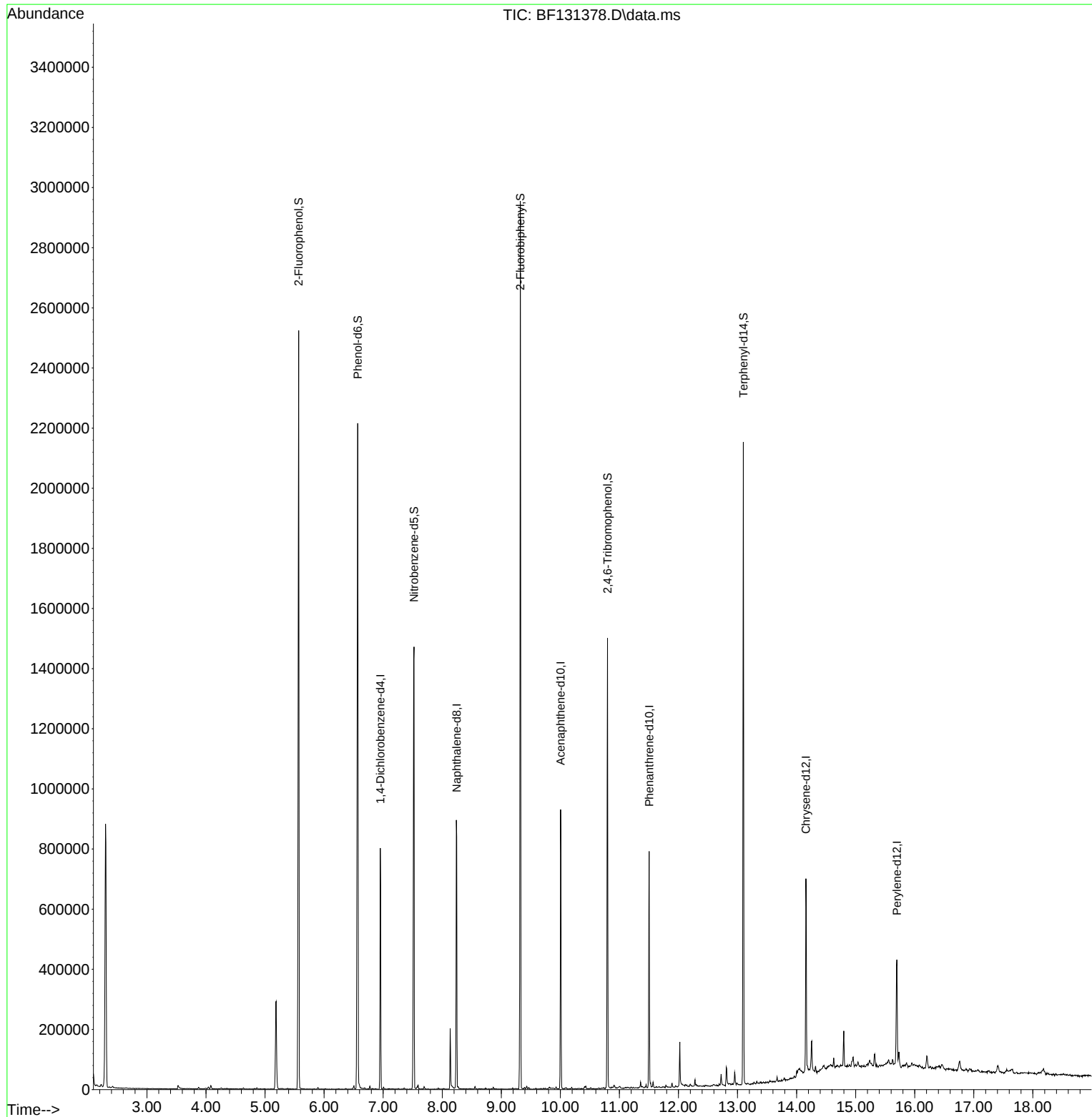
Target Compounds	Qvalue

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

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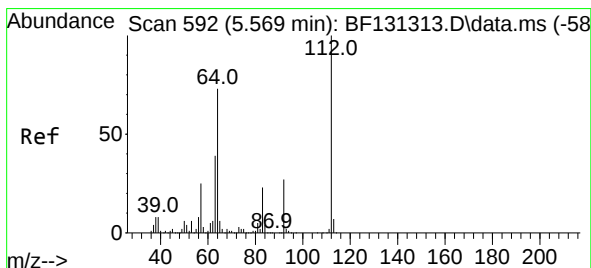
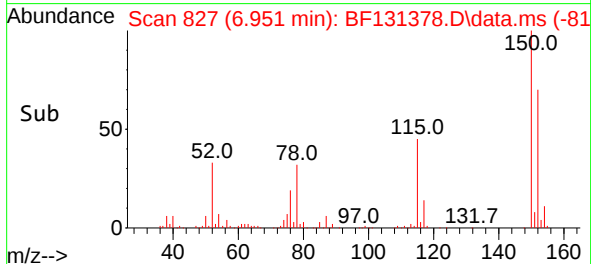
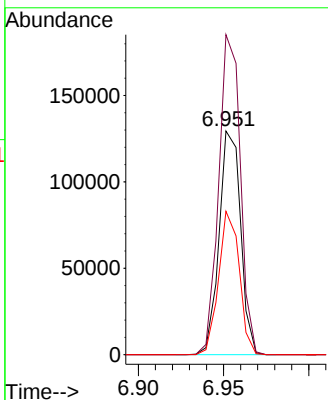
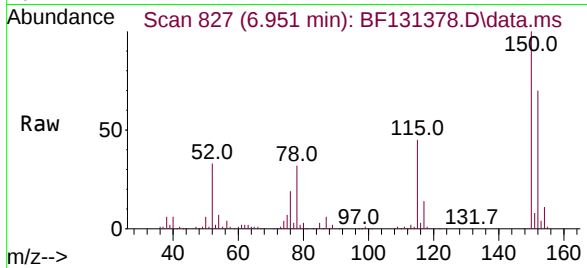




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

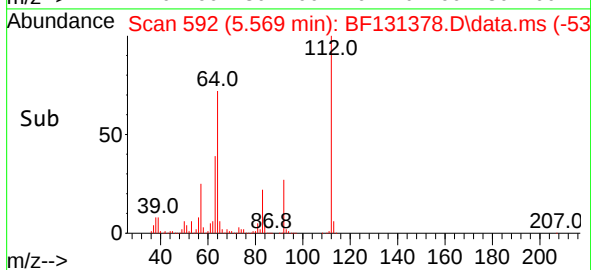
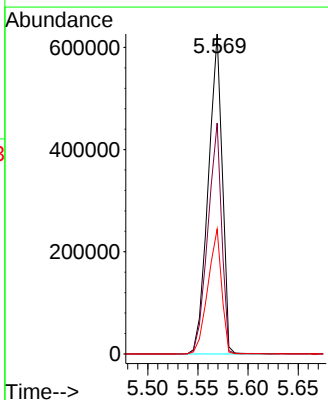
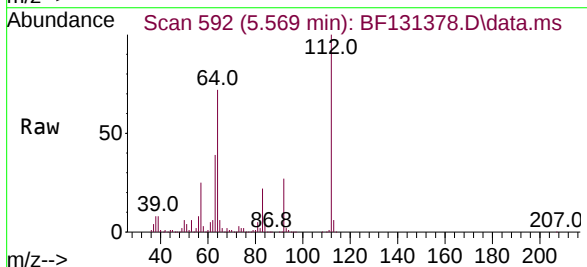
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

Tgt Ion:152 Resp: 113345
Ion Ratio Lower Upper
152 100
150 143.1 117.8 176.8
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 101.944 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:112 Resp: 607123
Ion Ratio Lower Upper
112 100
64 72.1 58.6 88.0
63 39.1 31.4 47.0

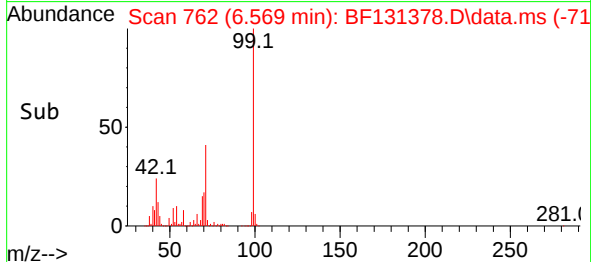
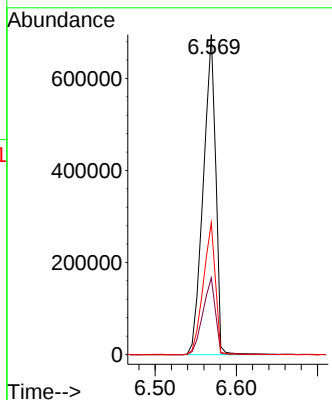
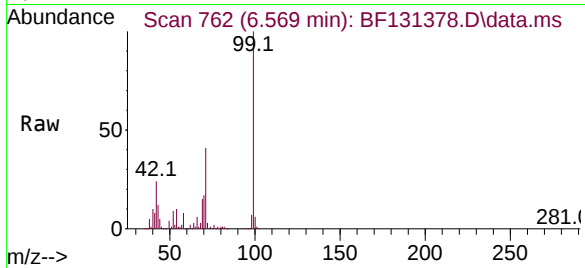




#7
Phenol-d6
Concen: 97.181 ng
RT: 6.569 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

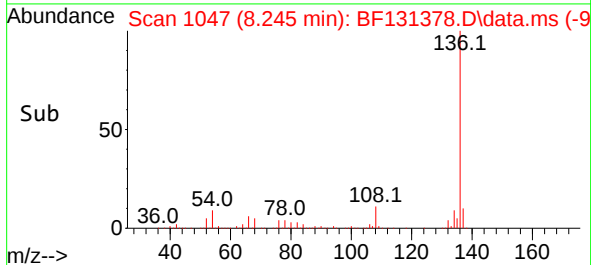
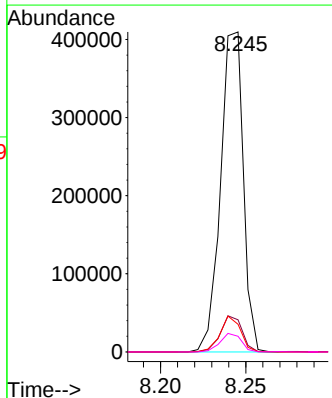
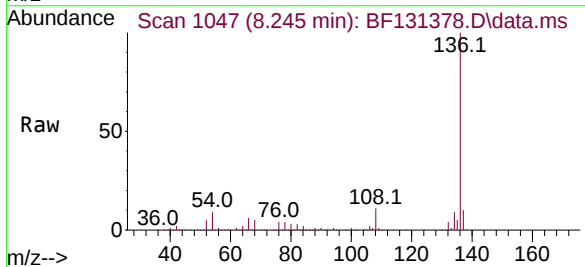
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

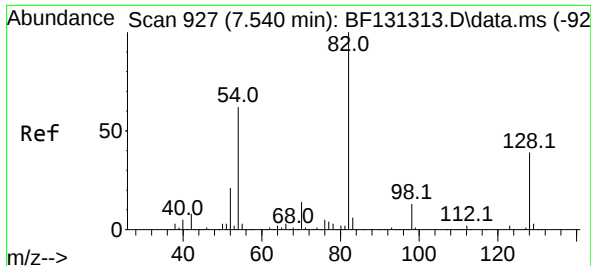
Tgt Ion: 99 Resp: 738430
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 41.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion: 136 Resp: 379998
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 8.6 9.4 14.0#
68 4.9 4.5 6.7

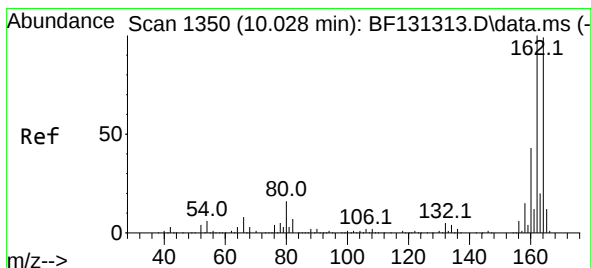
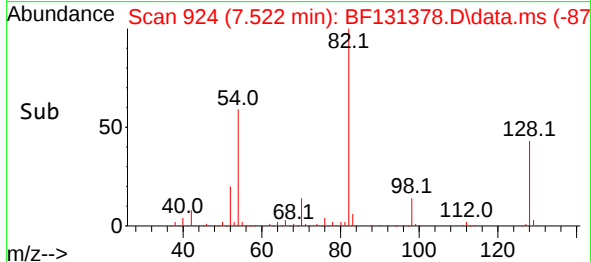
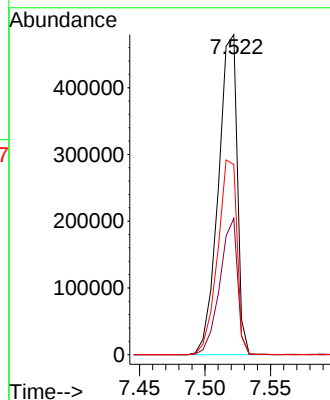
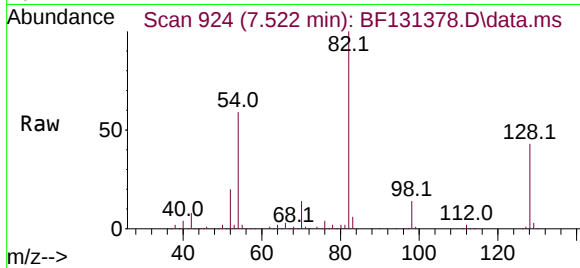




#23
Nitrobenzene-d5
Concen: 64.099 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

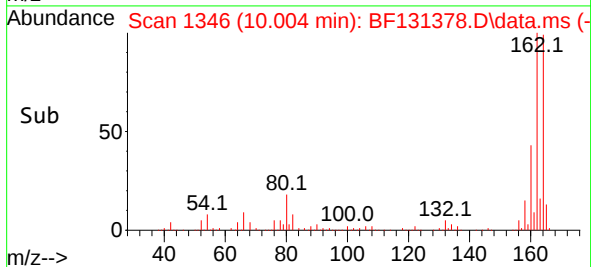
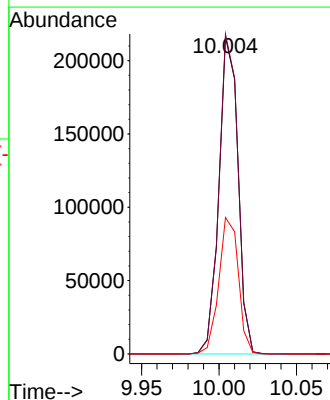
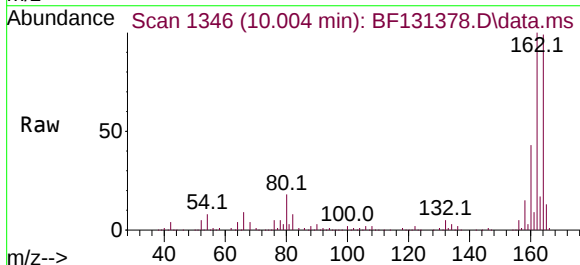
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

Tgt Ion: 82 Resp: 483200
Ion Ratio Lower Upper
82 100
128 42.5 31.4 47.0
54 59.4 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: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion: 164 Resp: 184442
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 94.633 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-17

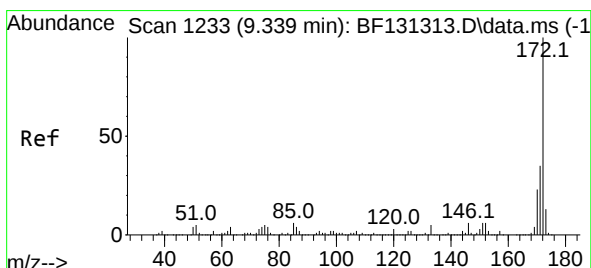
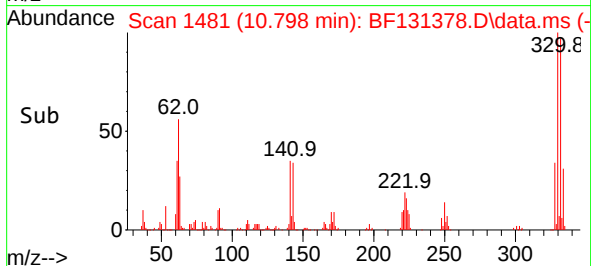
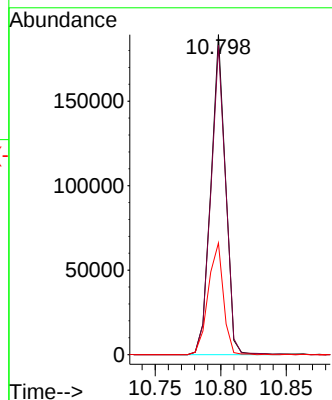
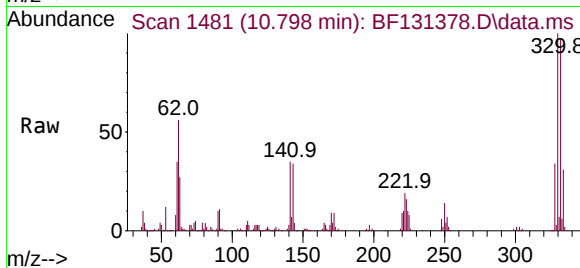
Tgt Ion:330 Resp: 146845

Ion Ratio Lower Upper

330 100

332 98.0 77.5 116.3

141 36.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 65.098 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

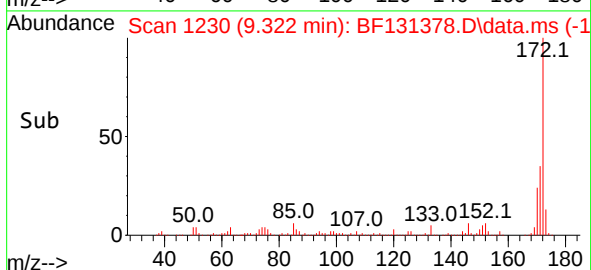
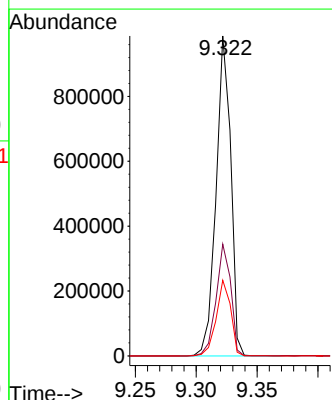
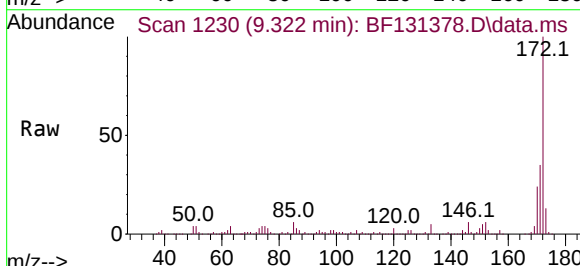
Tgt Ion:172 Resp: 825315

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.6 18.7 28.1

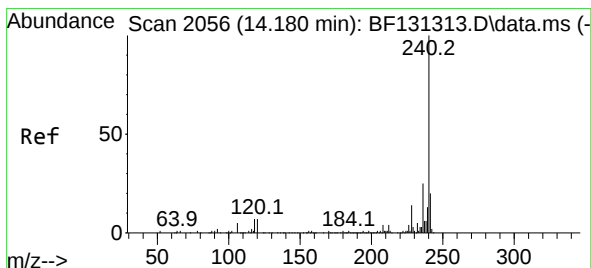
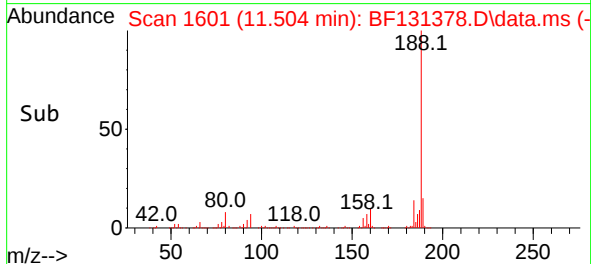
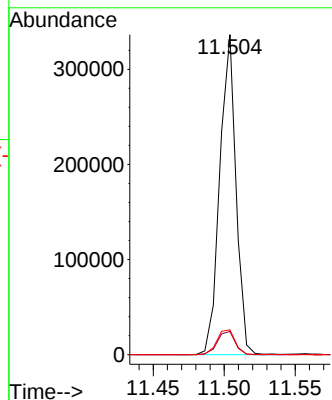
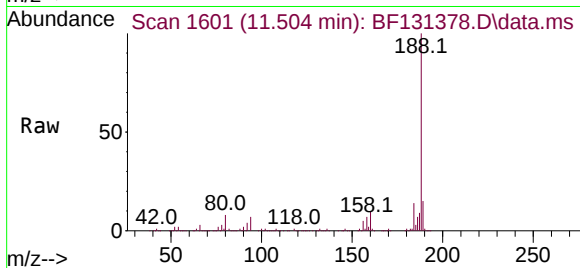




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

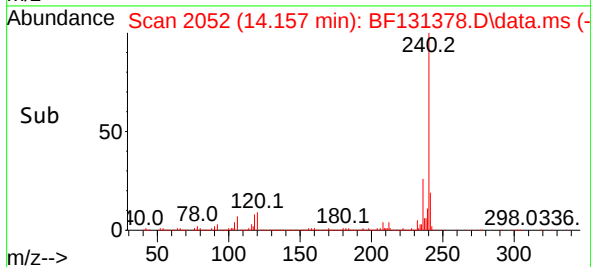
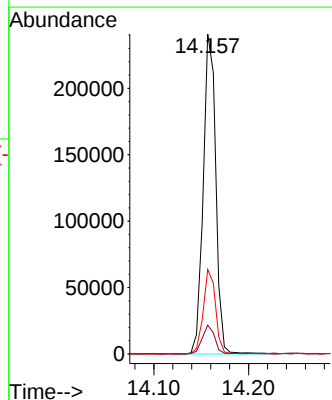
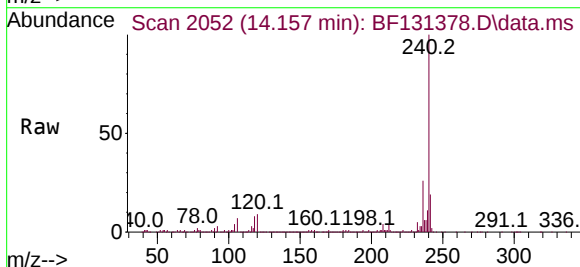
Instrument :
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Tgt Ion:188 Resp: 268296
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 7.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

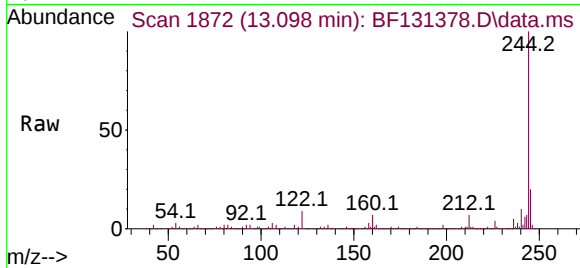
Tgt Ion:240 Resp: 221839
Ion Ratio Lower Upper
240 100
120 9.0 5.8 8.8#
236 26.4 20.3 30.5



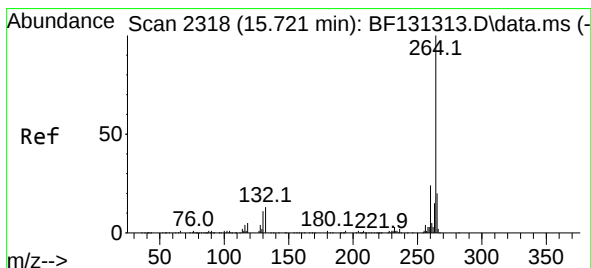
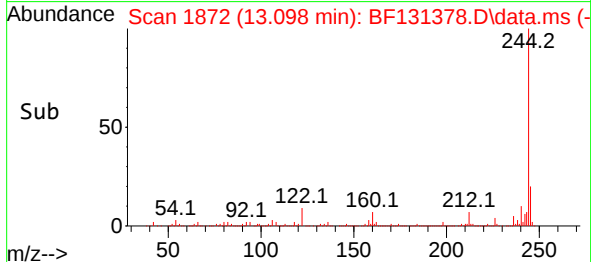
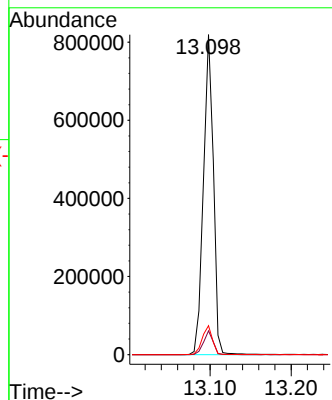


#79
 Terphenyl-d14
 Concen: 51.288 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131378.D
 Acq: 24 Nov 2022 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-17



Tgt Ion:244 Resp: 695764
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. 0.006 min
 Lab File: BF131378.D
 Acq: 24 Nov 2022 00:21

Tgt Ion:264 Resp: 170273
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.5 16.4 24.6

