

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131360.D
 Acq On : 23 Nov 2022 13:28
 Operator : CG\JU
 Sample : N5641-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

Quant Time: Nov 24 05:50:54 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	89332	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	318285	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	174042	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	279118	20.000	ng	0.00
76) Chrysene-d12	14.169	240	175593	20.000	ng	# 0.00
86) Perylene-d12	15.710	264	203645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	402310	85.712	ng	0.00
7) Phenol-d6	6.575	99	499732	83.446	ng	0.00
23) Nitrobenzene-d5	7.528	82	324562	51.403	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	126374	86.308	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	605714	50.632	ng	0.00
79) Terphenyl-d14	13.110	244	478136	44.528	ng	0.00

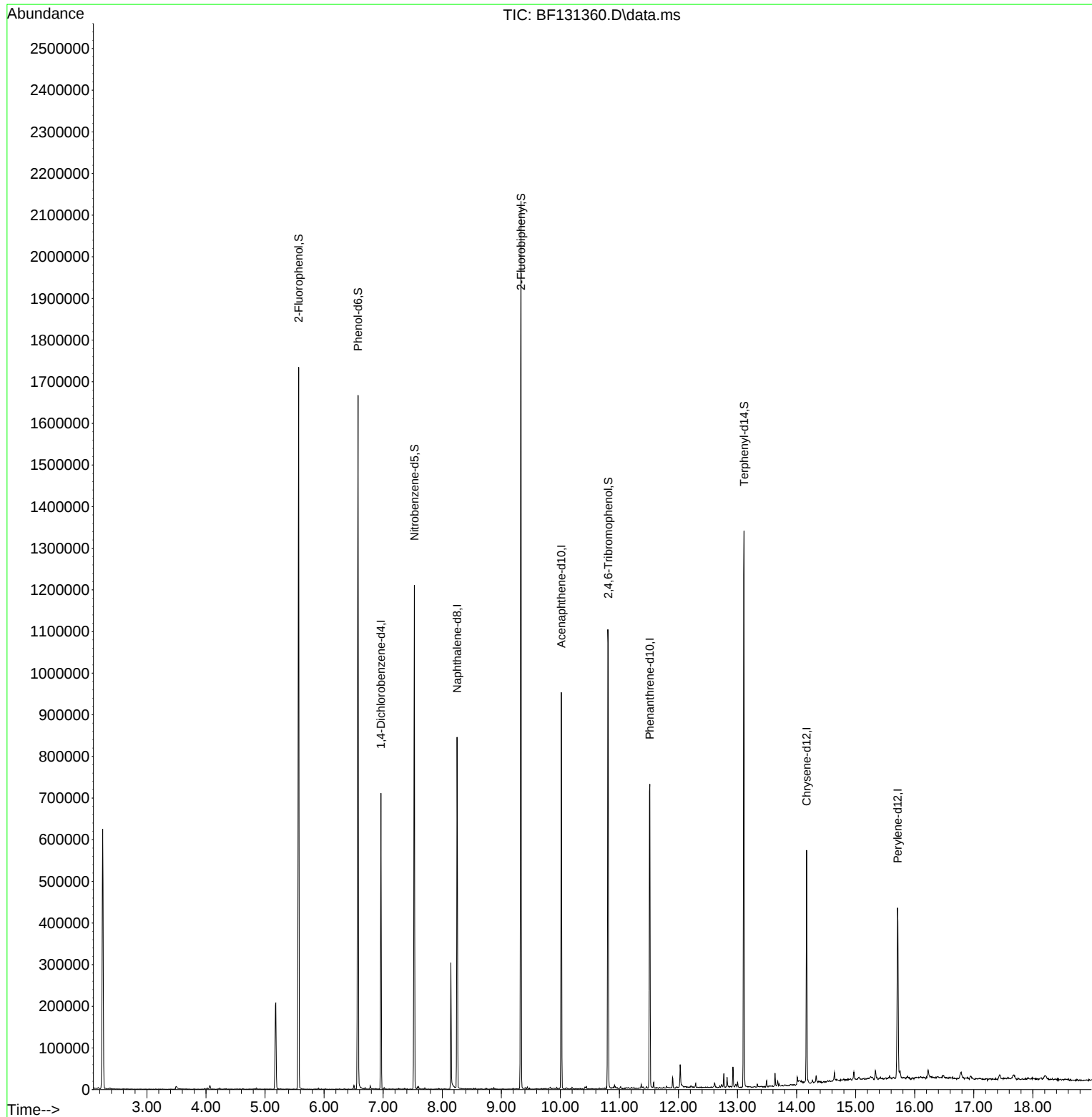
Target Compounds	Qvalue

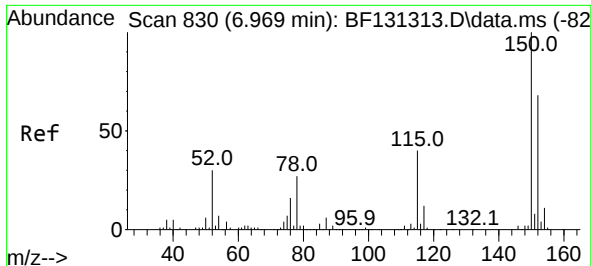
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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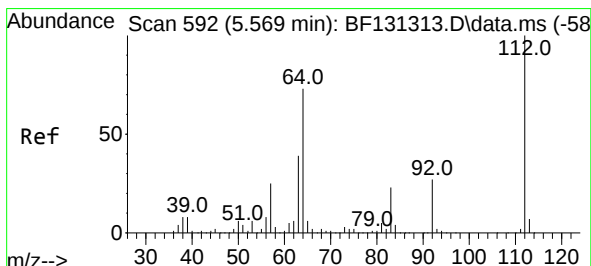
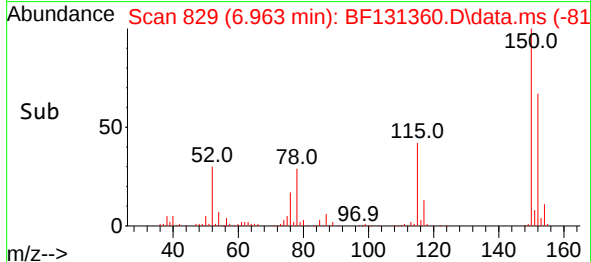
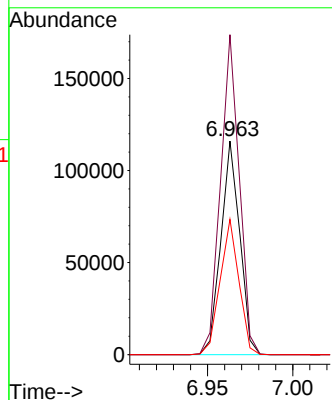
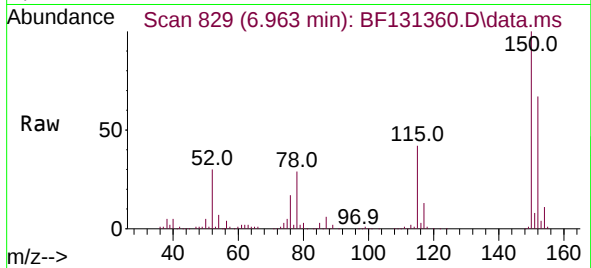




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

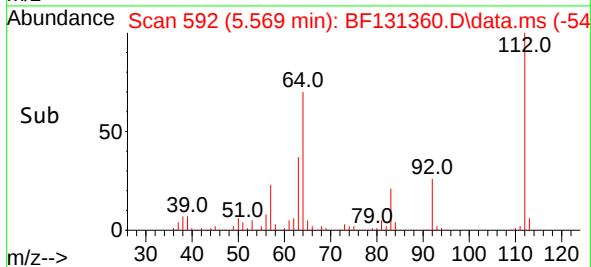
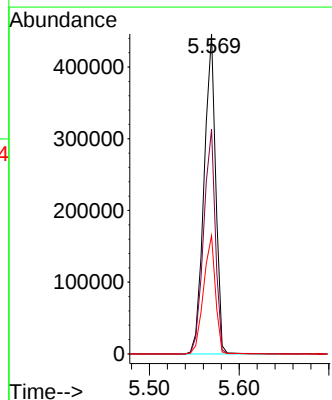
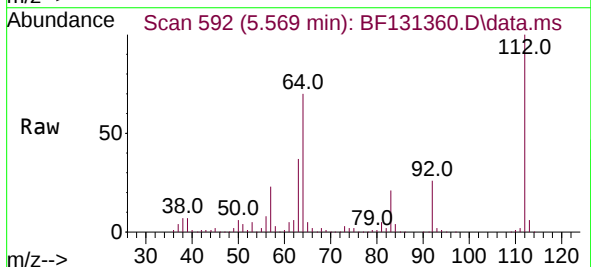
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

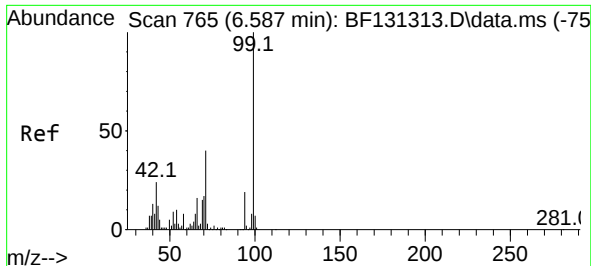
Tgt Ion:152 Resp: 89332
 Ion Ratio Lower Upper
 152 100
 150 149.9 117.8 176.8
 115 63.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 85.712 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

Tgt Ion:112 Resp: 402310
 Ion Ratio Lower Upper
 112 100
 64 70.2 58.6 88.0
 63 36.9 31.4 47.0

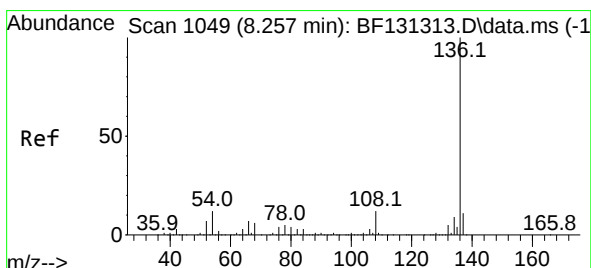
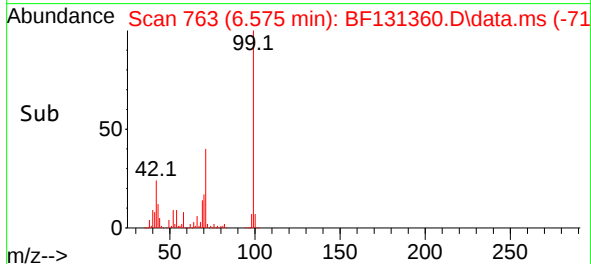
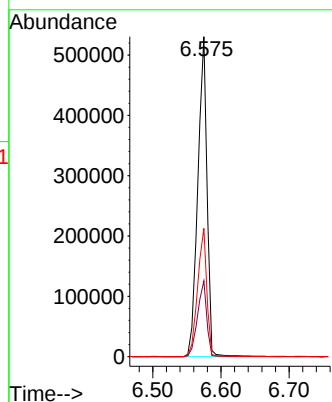
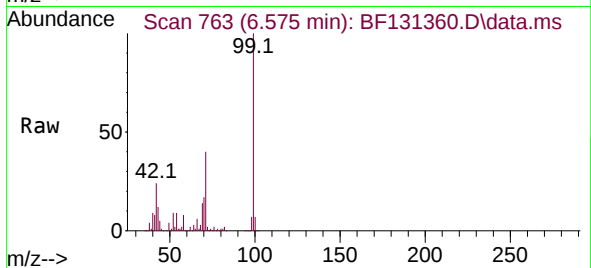




#7
Phenol-d6
Concen: 83.446 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

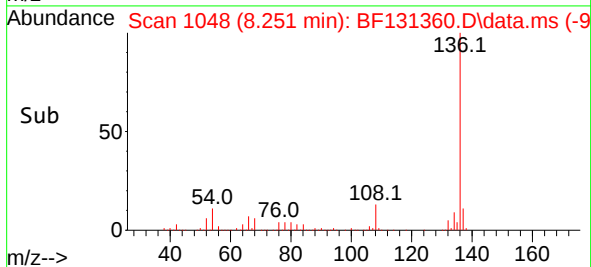
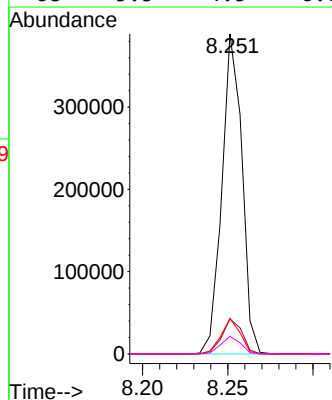
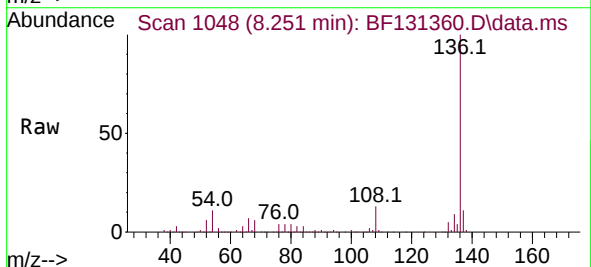
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

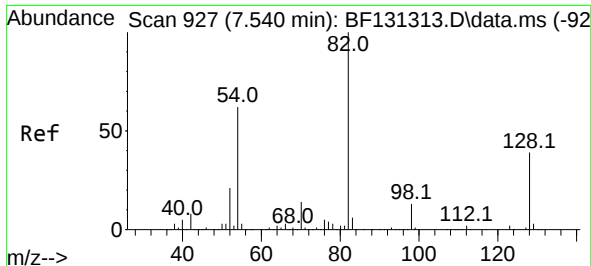
Tgt Ion: 99 Resp: 499732
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 40.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion: 136 Resp: 318285
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.1 9.4 14.0
68 5.5 4.5 6.7

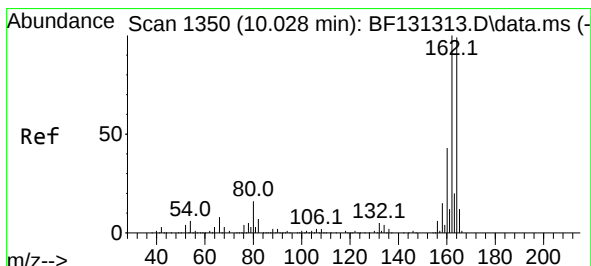
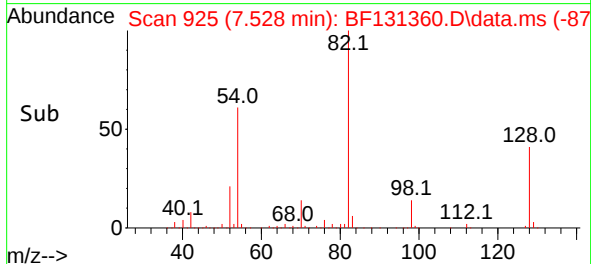
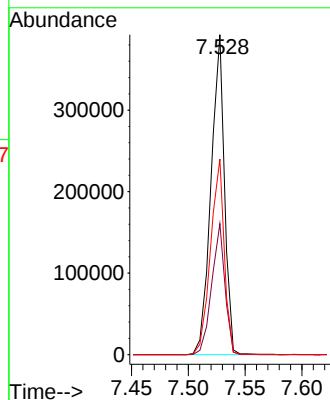
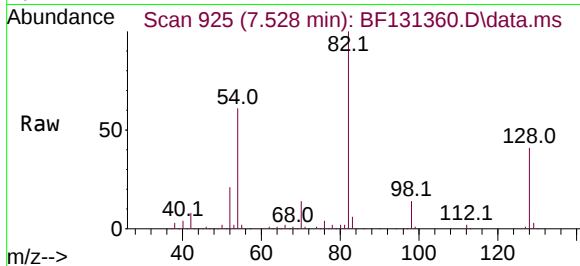




#23
Nitrobenzene-d5
Concen: 51.403 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

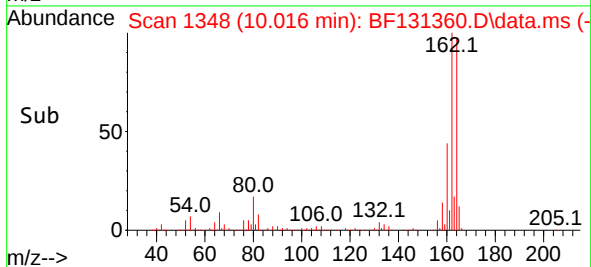
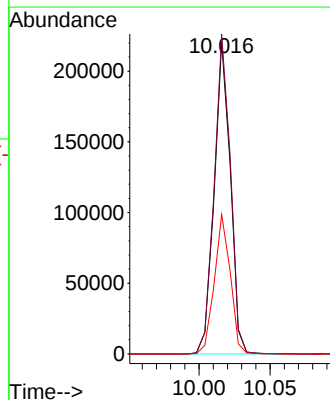
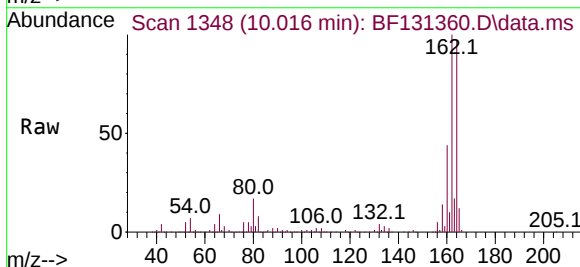
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

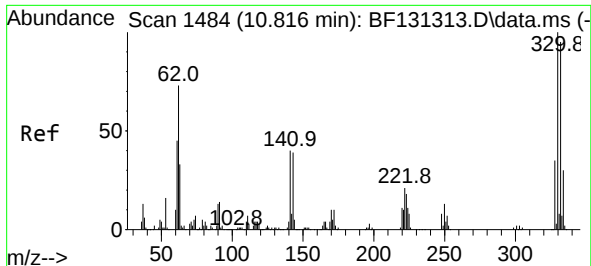
Tgt Ion: 82 Resp: 324562
Ion Ratio Lower Upper
82 100
128 40.9 31.4 47.0
54 61.1 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:164 Resp: 174042
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 86.308 ng

RT: 10.810 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

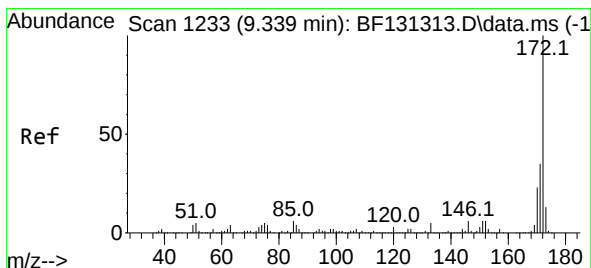
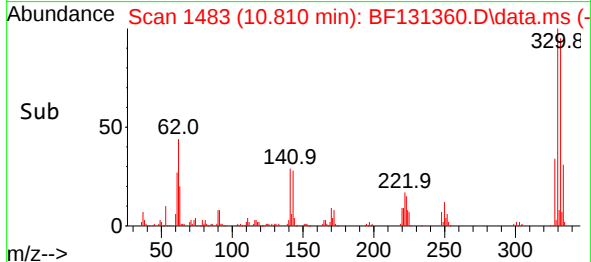
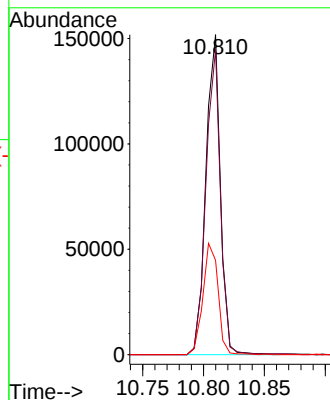
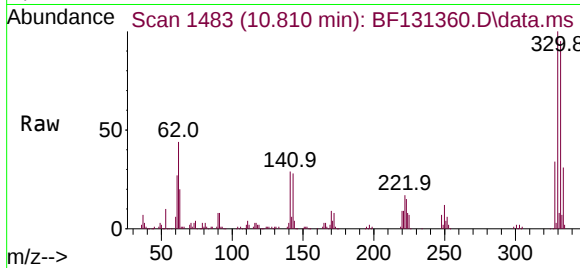
Tgt Ion:330 Resp: 126374

Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

141 36.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 50.632 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

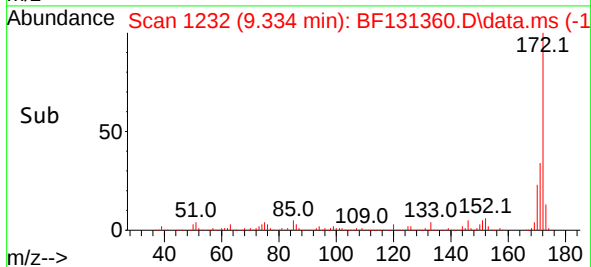
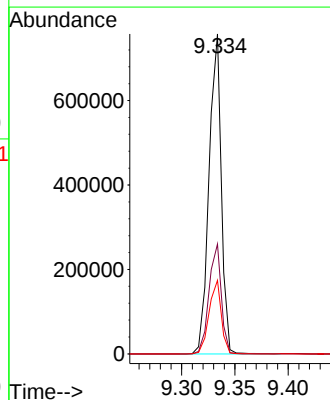
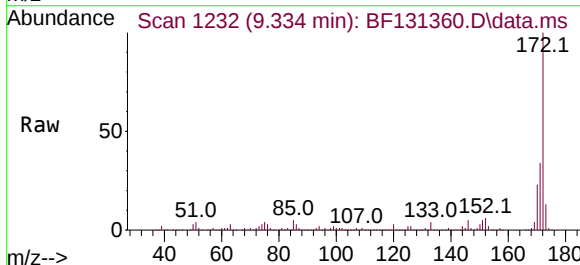
Tgt Ion:172 Resp: 605714

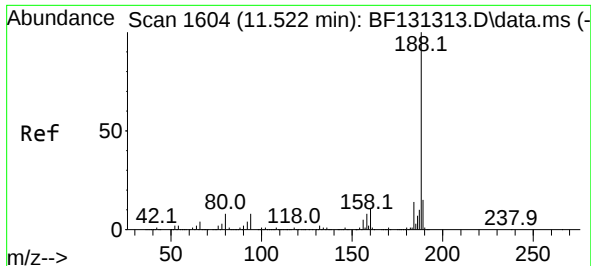
Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

170 23.0 18.7 28.1

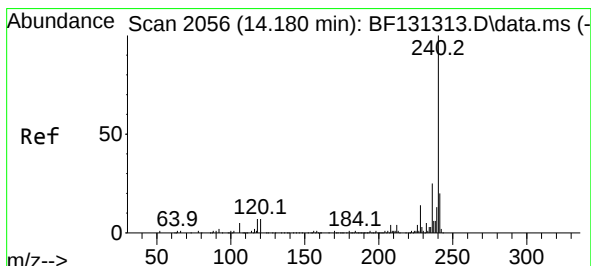
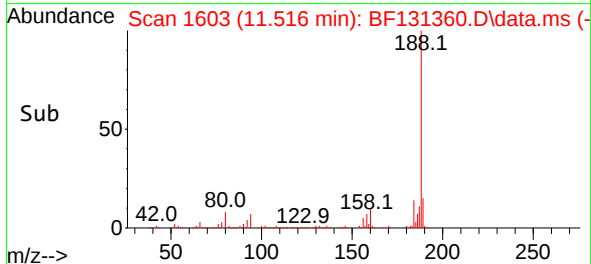
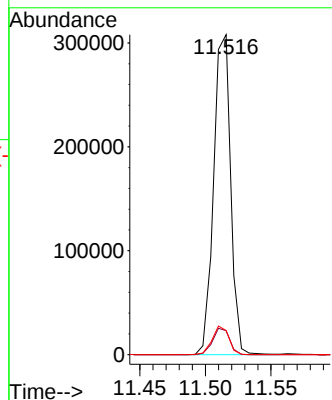
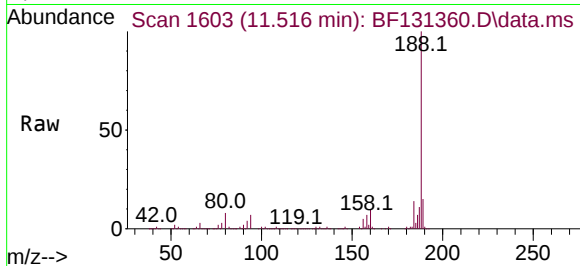




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

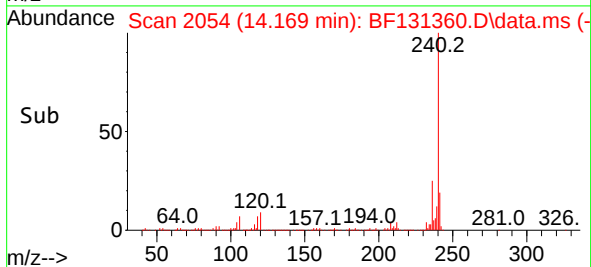
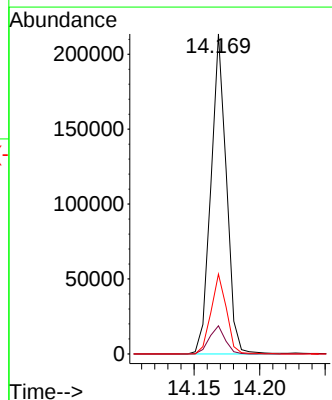
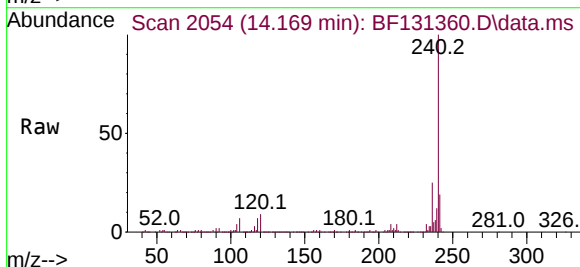
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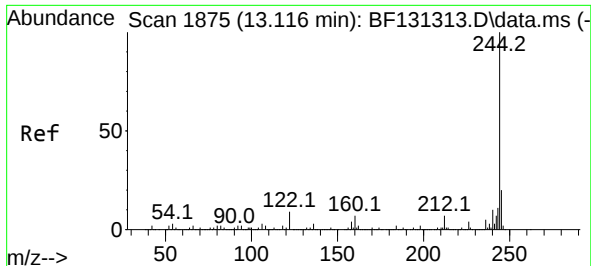
Tgt Ion:188 Resp: 279118
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 7.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:240 Resp: 175593
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.8#
236 24.9 20.3 30.5

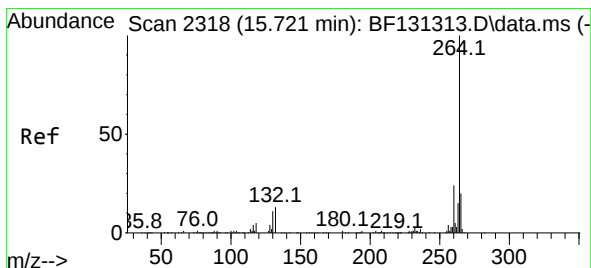
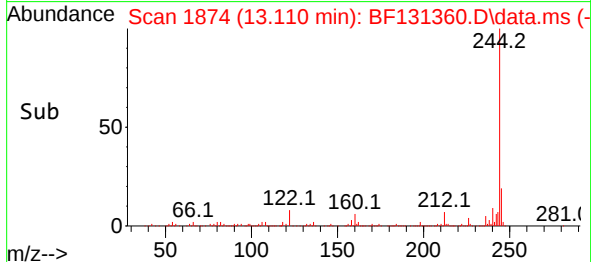
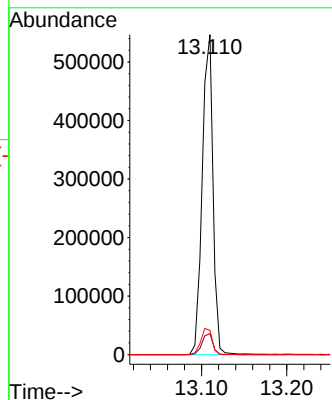
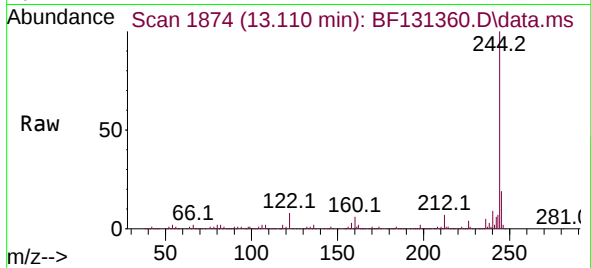




#79
 Terphenyl-d14
 Concen: 44.528 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

Tgt Ion:244 Resp: 478136
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 7.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 2316
 Delta R.T. -0.006 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

Tgt Ion:264 Resp: 203645
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.5 16.4 24.6

