

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132768.D
 Acq On : 13 Mar 2023 19:25
 Operator : CG\JU
 Sample : 01877-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 14 01:33:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	214326	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	793386	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	450423	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	909922	20.000	ng	0.00
76) Chrysene-d12	14.157	240	506284	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	451635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1146397	86.810	ng	0.00
7) Phenol-d6	6.598	99	1471856	85.401	ng	-0.01
23) Nitrobenzene-d5	7.534	82	952096	56.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	454384	93.410	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1651461	55.828	ng	0.00
79) Terphenyl-d14	13.092	244	2114634	70.619	ng	0.00

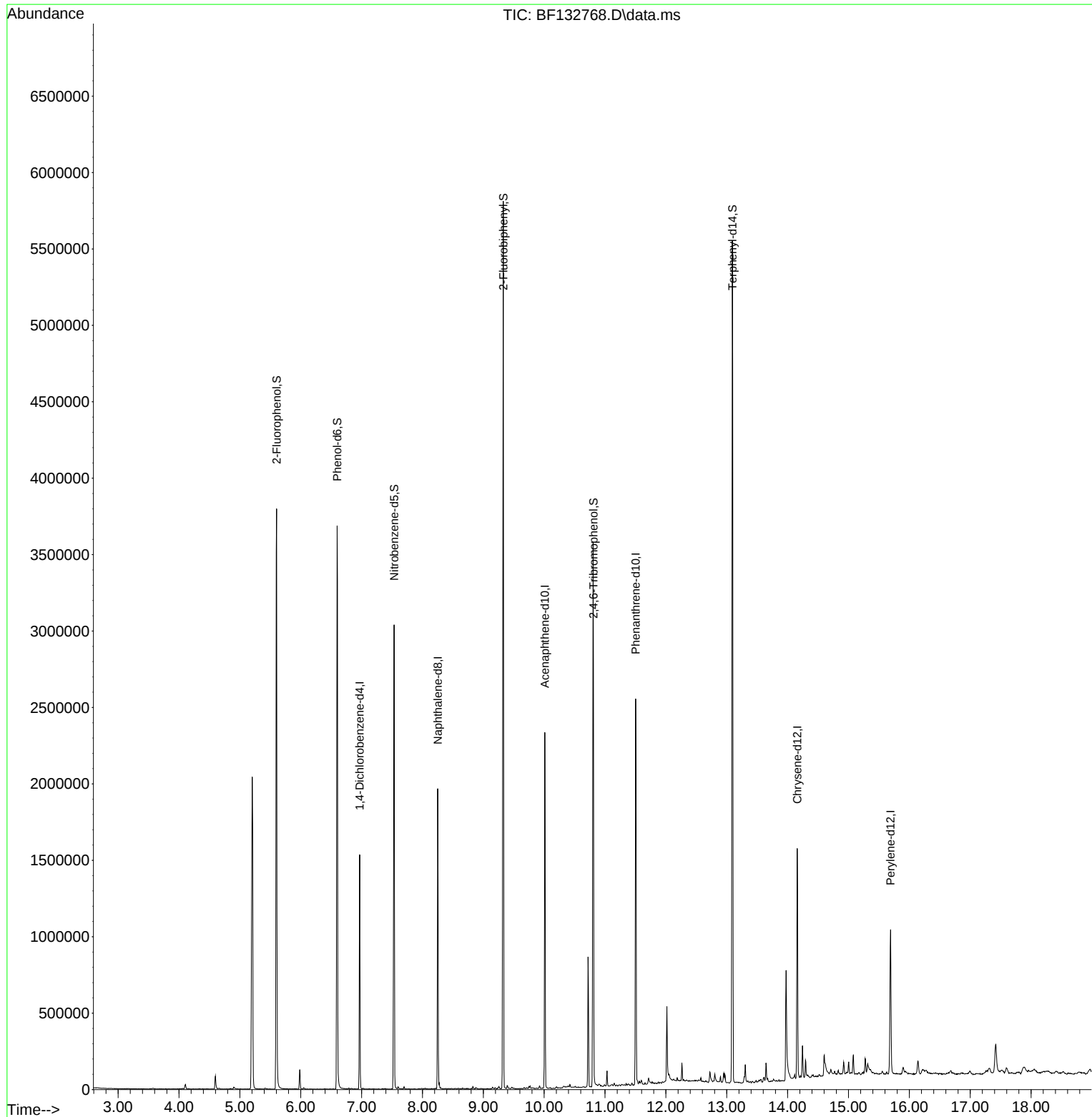
Target Compounds Qvalue

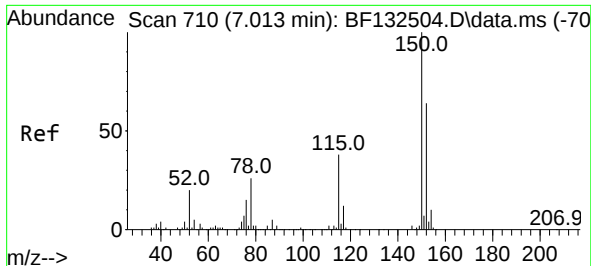
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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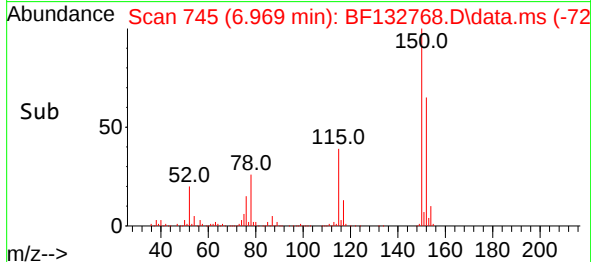
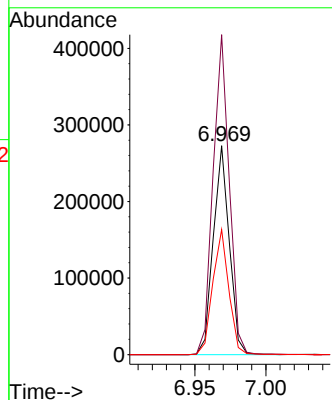
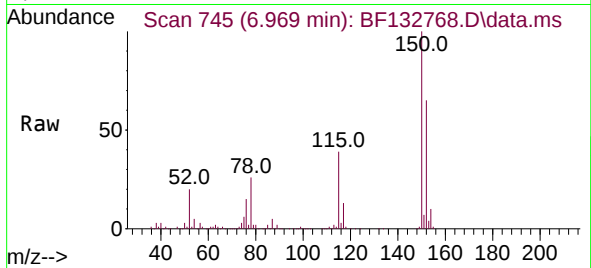




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

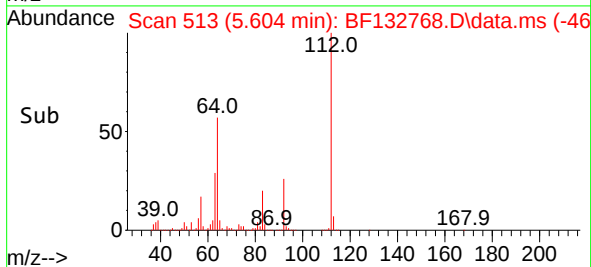
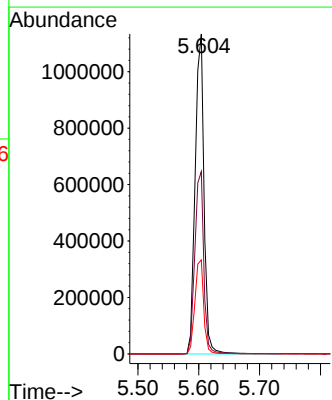
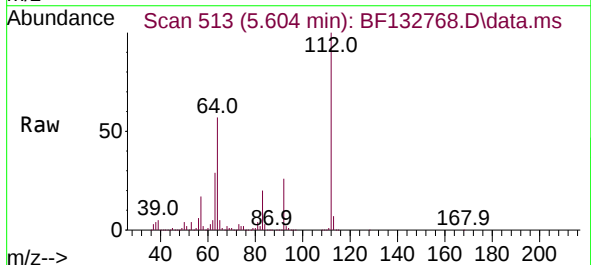
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

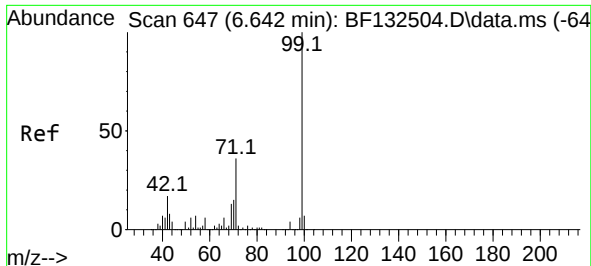
Tgt Ion:152 Resp: 214326
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 59.9 47.8 71.6



#5
2-Fluorophenol
Concen: 86.810 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

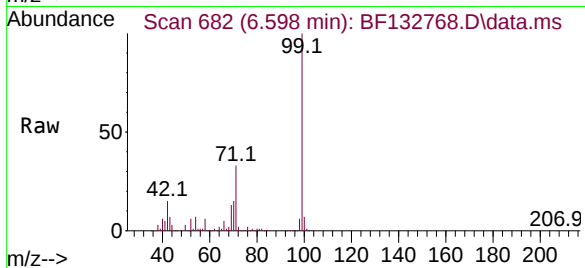
Tgt Ion:112 Resp: 1146397
Ion Ratio Lower Upper
112 100
64 57.0 51.6 77.4
63 29.4 27.4 41.2



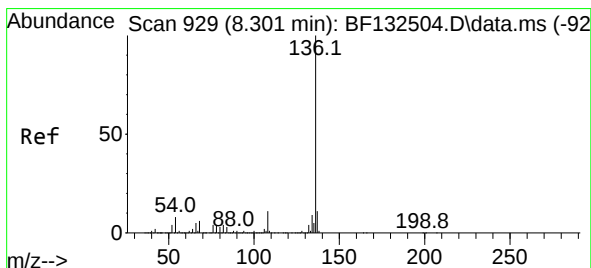
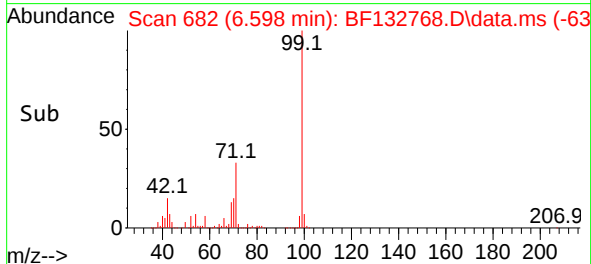
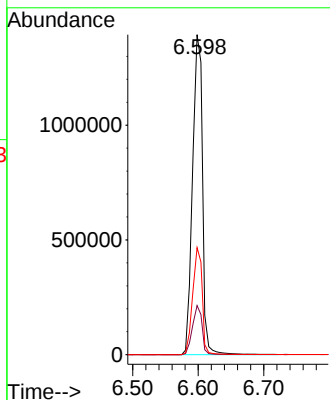


#7
Phenol-d6
Concen: 85.401 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

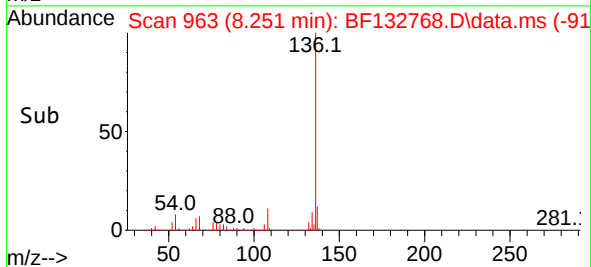
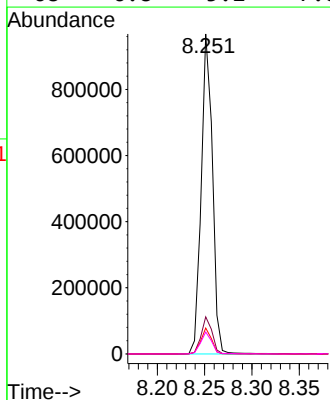
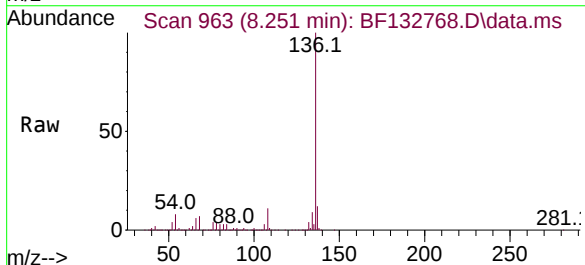


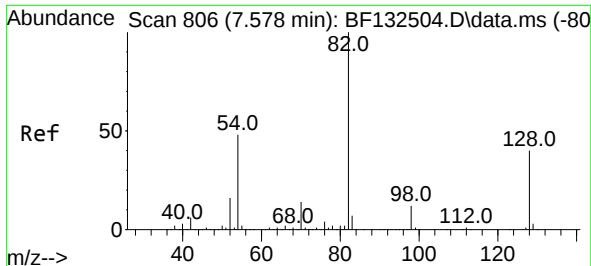
Tgt Ion: 99 Resp: 1471856
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 33.4 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:136 Resp: 793386
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.1 6.2 9.4
68 6.8 5.2 7.8

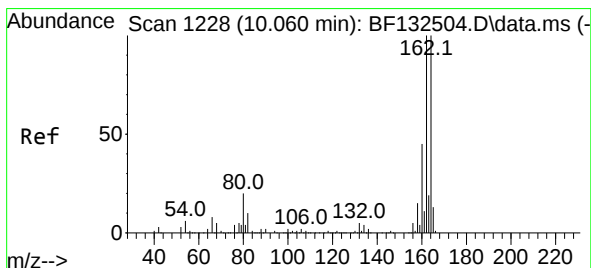
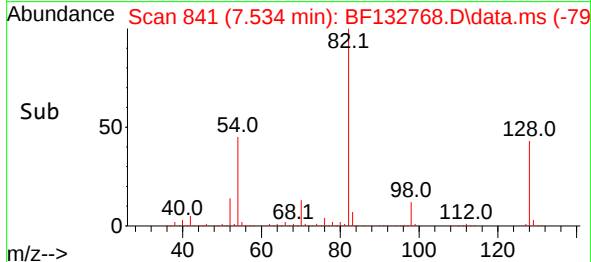
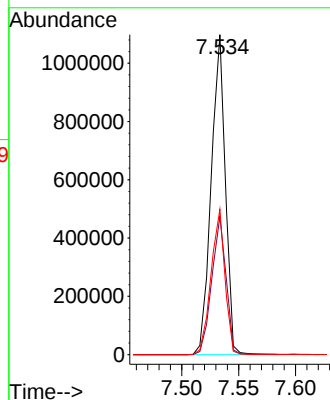
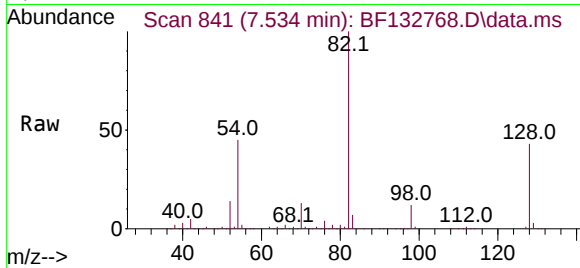




#23
Nitrobenzene-d5
Concen: 56.935 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

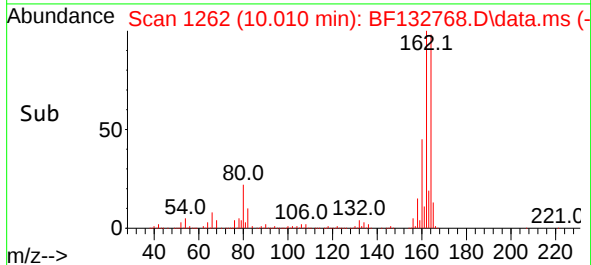
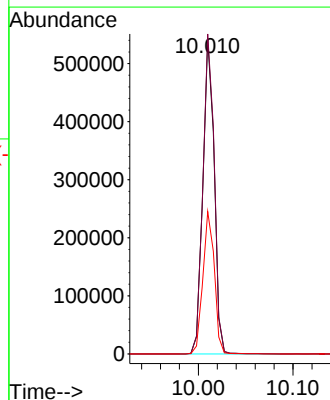
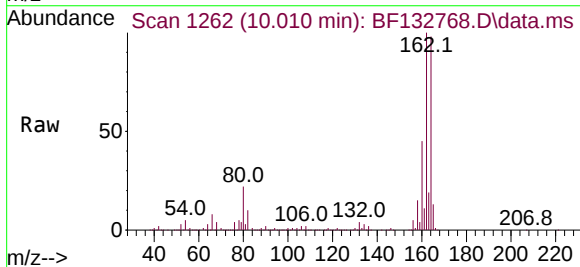
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

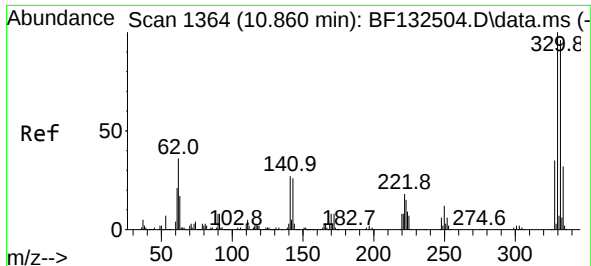
Tgt Ion: 82 Resp: 952096
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 45.4 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:164 Resp: 450423
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 93.410 ng

RT: 10.810 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132768.D

Acq: 13 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL

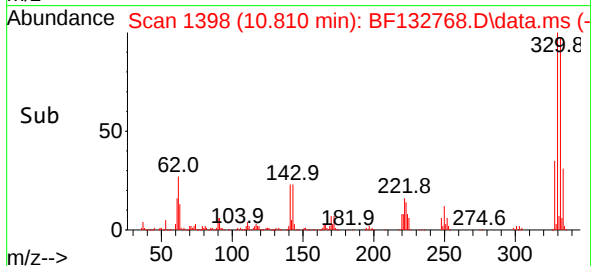
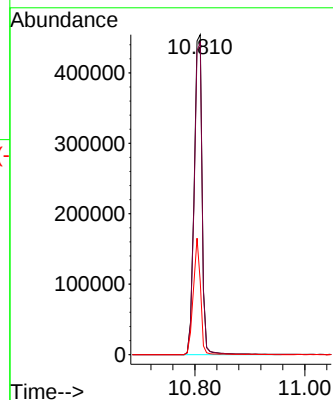
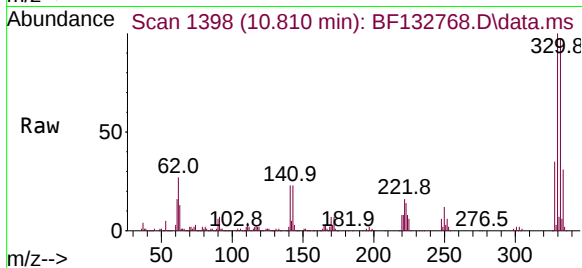
Tgt Ion:330 Resp: 454384

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 32.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 55.828 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132768.D

Acq: 13 Mar 2023 19:25

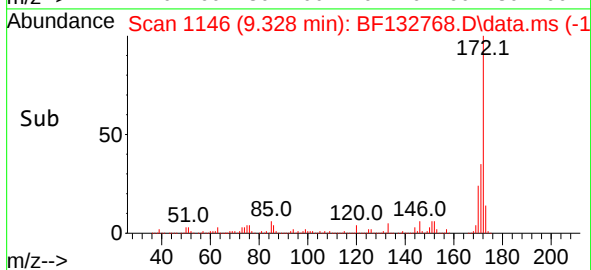
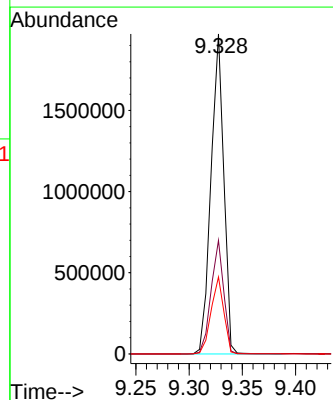
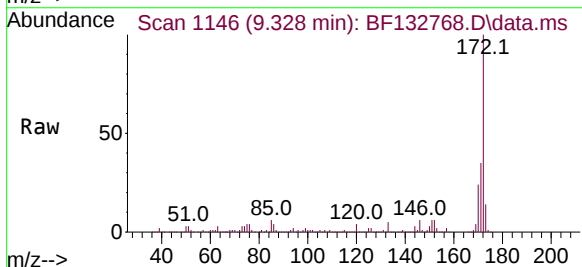
Tgt Ion:172 Resp: 1651461

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.7 29.5

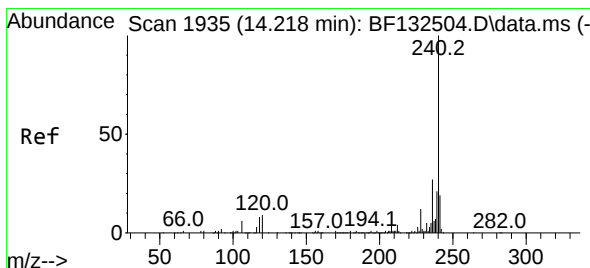
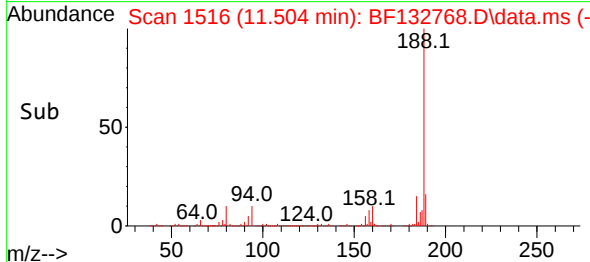
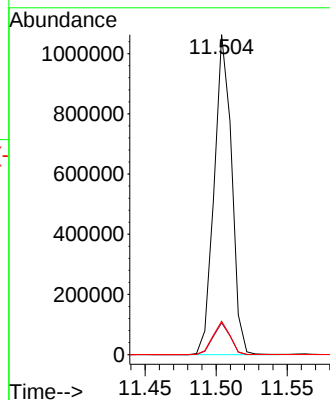
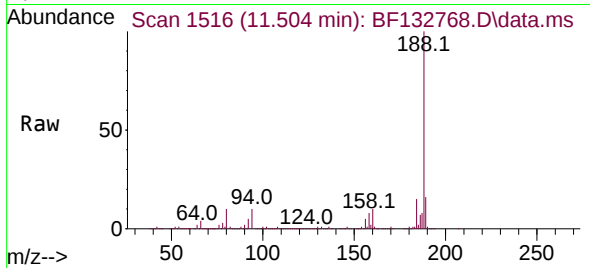




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

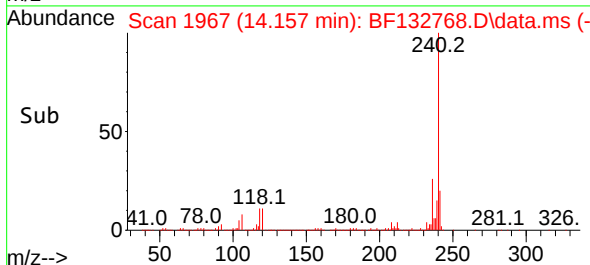
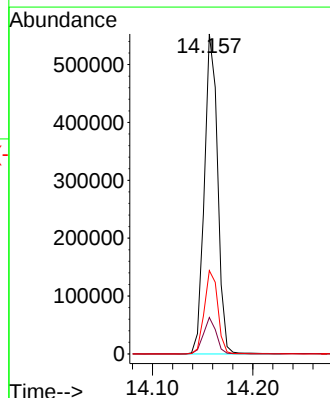
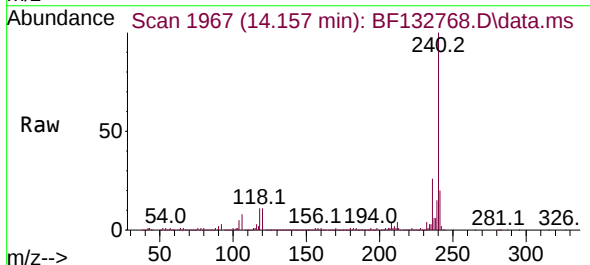
Instrument :
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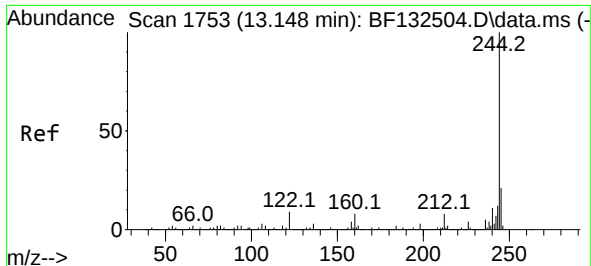
Tgt Ion:188 Resp: 909922
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:240 Resp: 506284
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.0 21.8 32.6

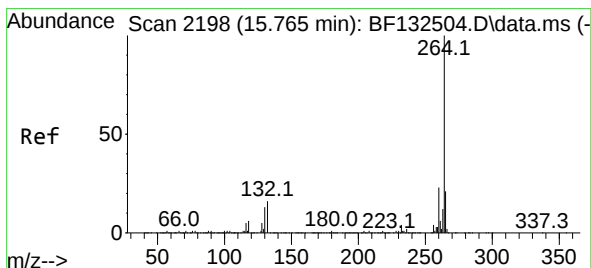
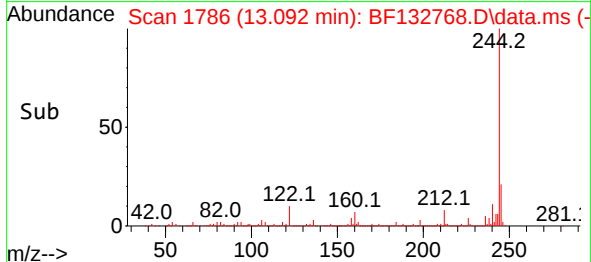
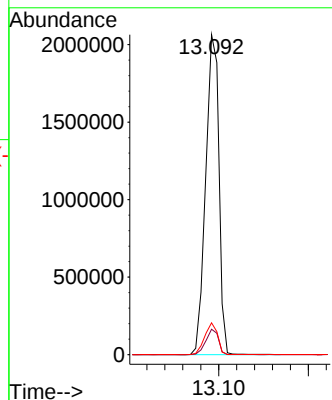
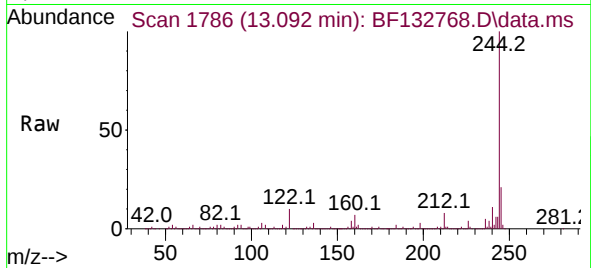




#79
 Terphenyl-d14
 Concen: 70.619 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132768.D
 Acq: 13 Mar 2023 19:25

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL

Tgt Ion:244 Resp: 2114634
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132768.D
 Acq: 13 Mar 2023 19:25

Tgt Ion:264 Resp: 451635
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.1 25.7

