

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139040.D
 Acq On : 16 Aug 2024 00:18
 Operator : RC/JU
 Sample : P3485-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-SOIL

Quant Time: Aug 16 00:52:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	42385	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	167541	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	90373	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	137979	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	77519	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	75133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	262002	95.421	ng	0.00
7) Phenol-d6	6.481	99	350494	95.076	ng	0.00
23) Nitrobenzene-d5	7.398	82	235692	68.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	66148	89.356	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	406453	67.575	ng	-0.02
79) Terphenyl-d14	12.933	244	302060	65.239	ng	-0.01

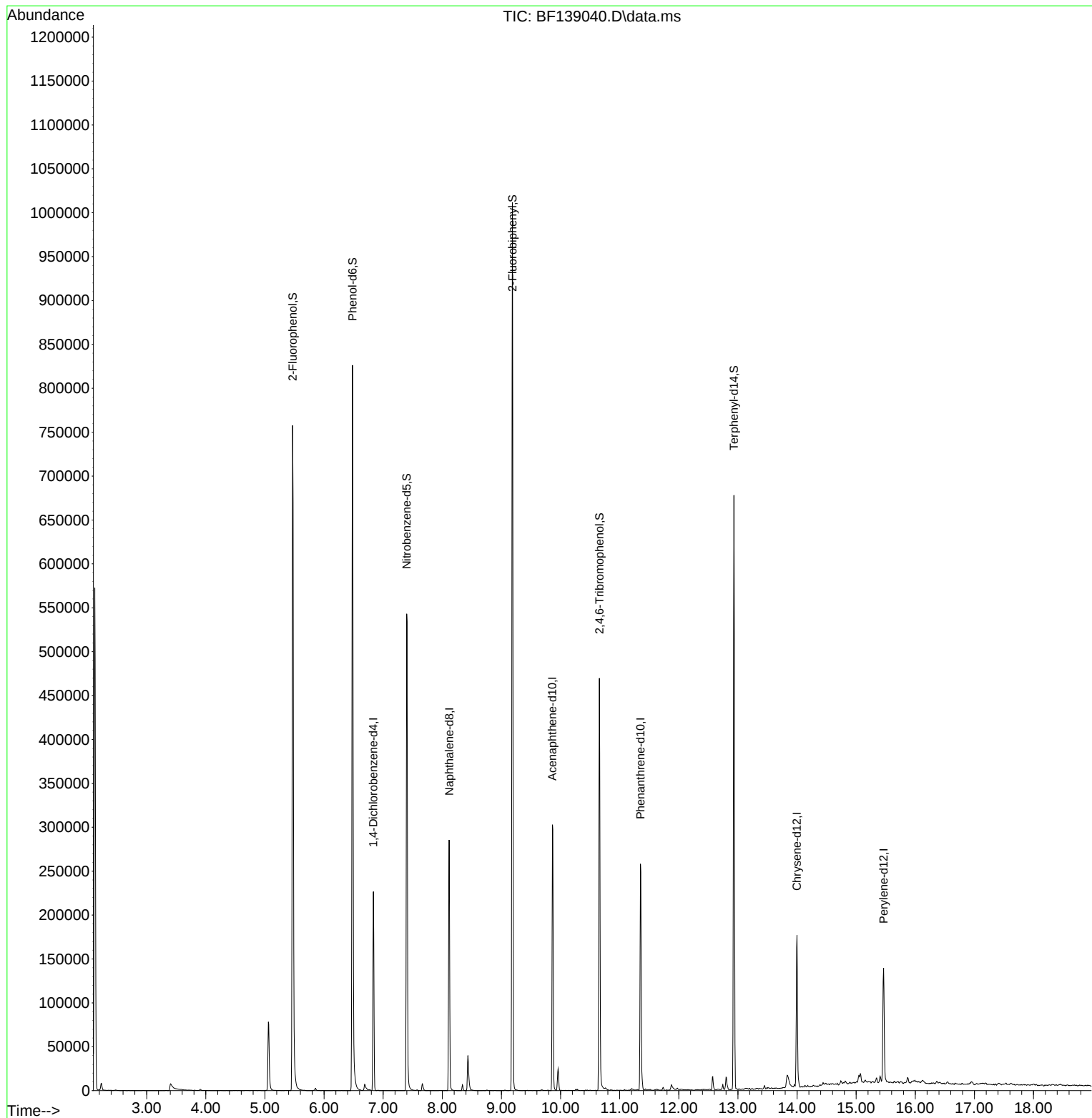
Target Compounds	Qvalue

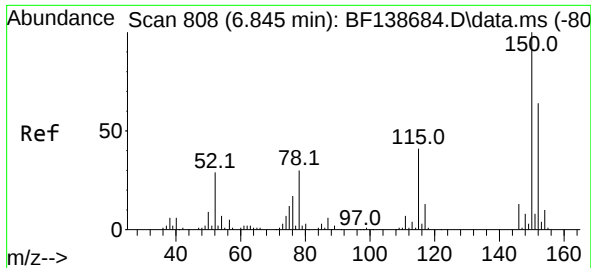
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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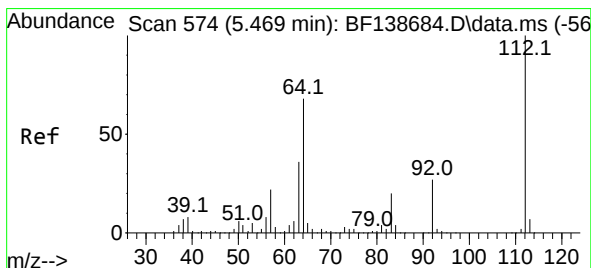
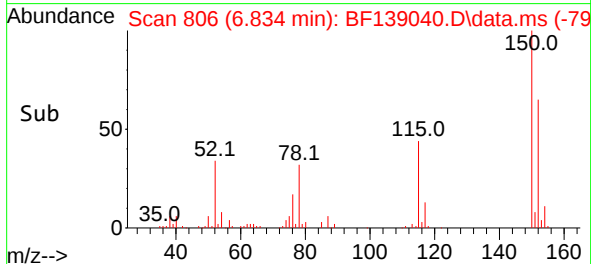
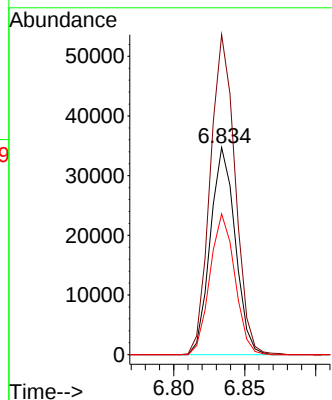
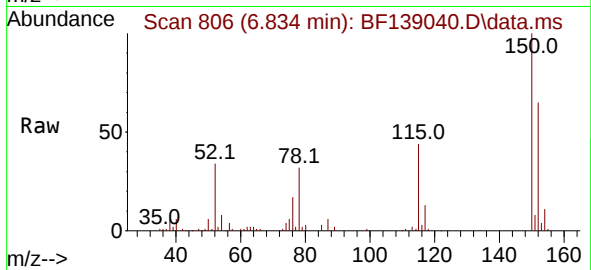




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

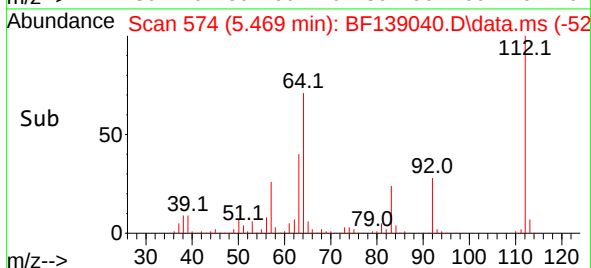
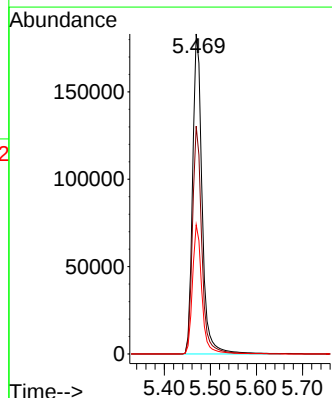
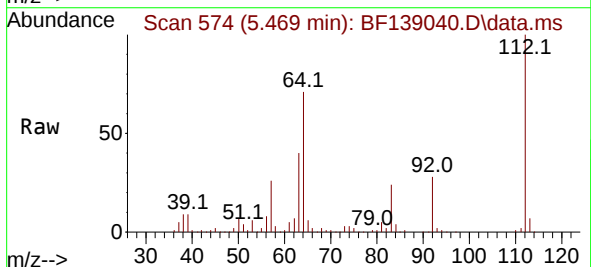
Instrument :
BNA_F
ClientSampleId :
C-SOIL

Tgt Ion:152 Resp: 42385
Ion Ratio Lower Upper
152 100
150 154.4 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 95.421 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

Tgt Ion:112 Resp: 262002
Ion Ratio Lower Upper
112 100
64 71.2 54.2 81.4
63 40.4 28.7 43.1

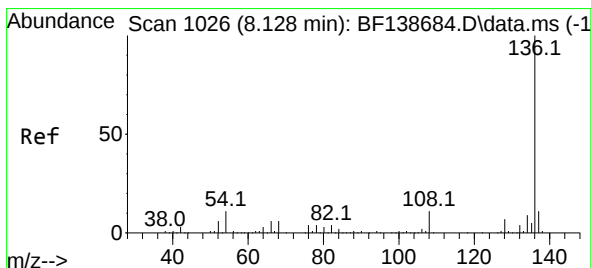
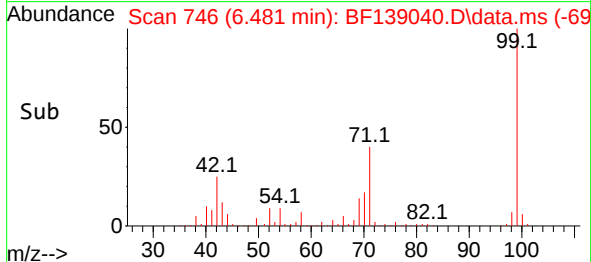
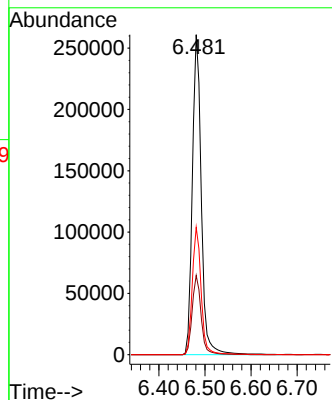
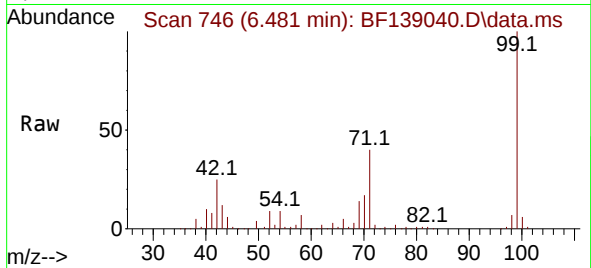




#7
Phenol-d6
Concen: 95.076 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

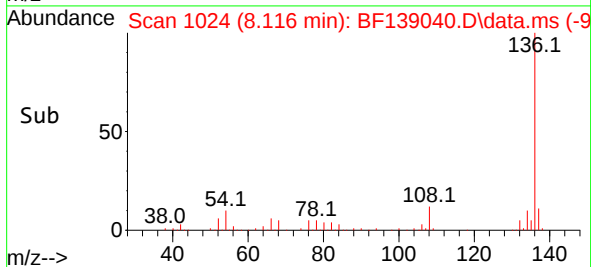
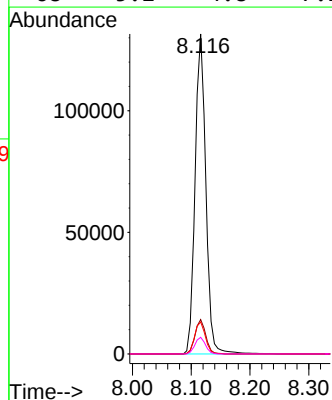
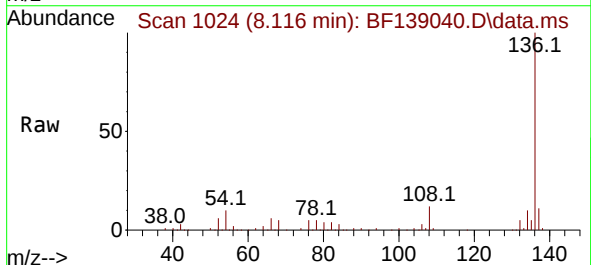
Instrument :
BNA_F
ClientSampleId :
C-SOIL

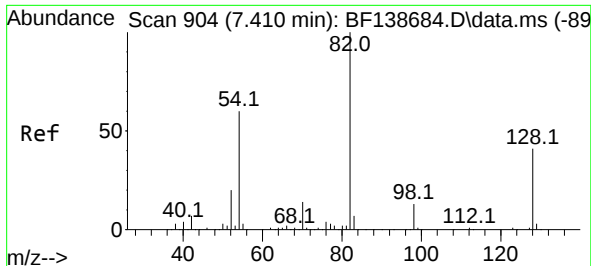
Tgt Ion: 99 Resp: 350494
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

Tgt Ion: 136 Resp: 167541
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.0 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 68.779 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139040.D

Acq: 16 Aug 2024 00:18

Instrument :

BNA_F

ClientSampleId :

C-SOIL

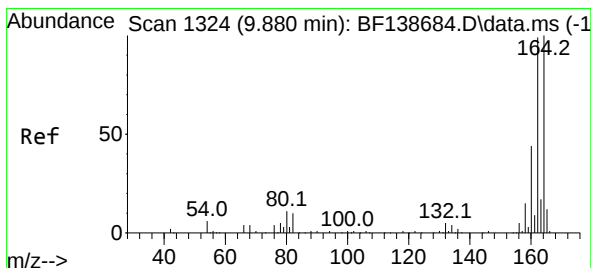
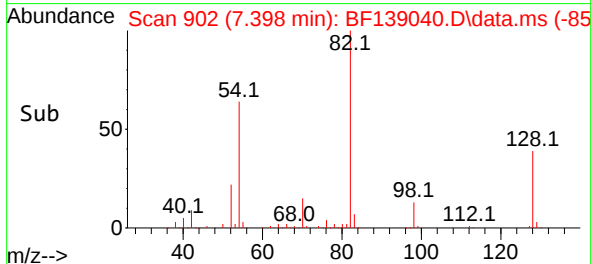
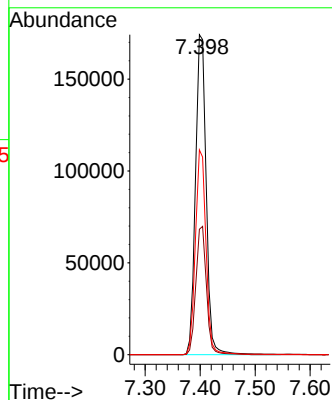
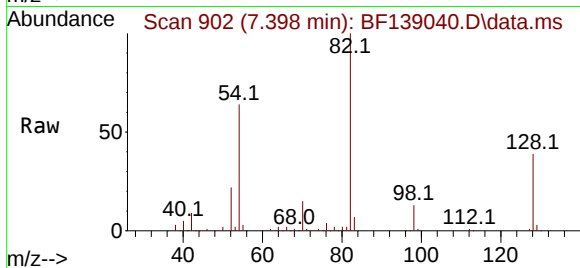
Tgt Ion: 82 Resp: 235692

Ion Ratio Lower Upper

82 100

128 39.2 32.8 49.2

54 64.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139040.D

Acq: 16 Aug 2024 00:18

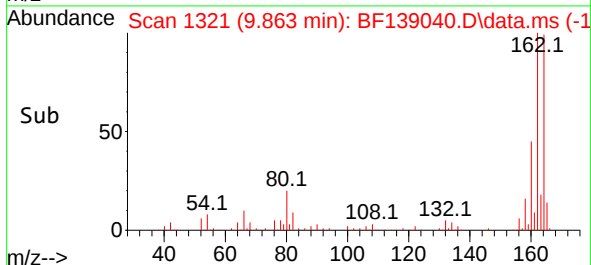
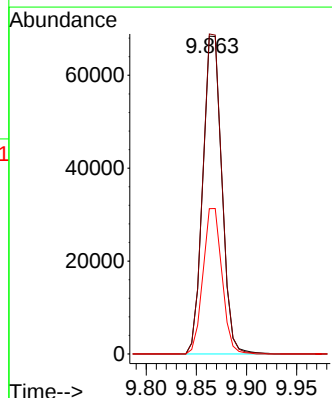
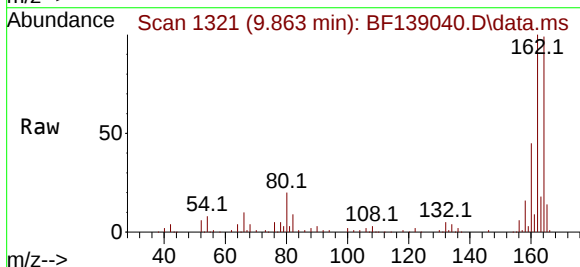
Tgt Ion:164 Resp: 90373

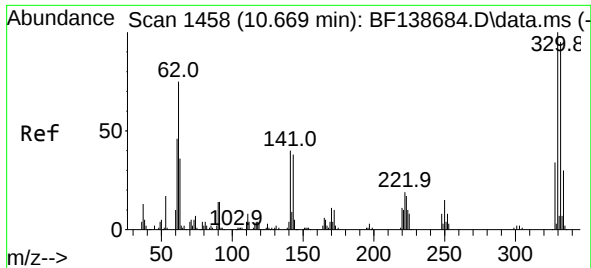
Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.0

160 45.7 35.1 52.7

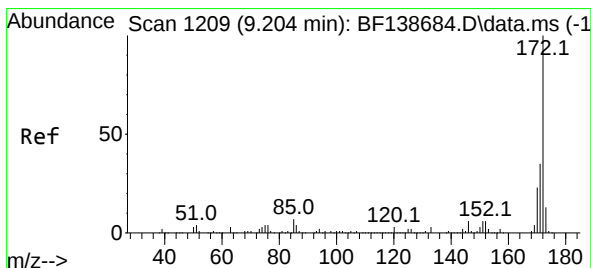
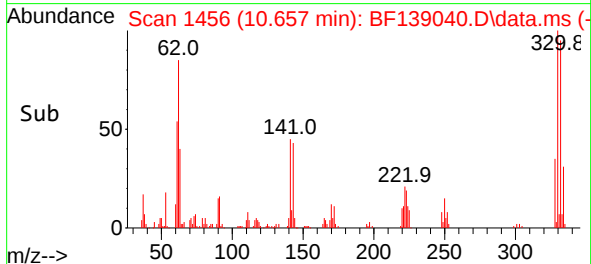
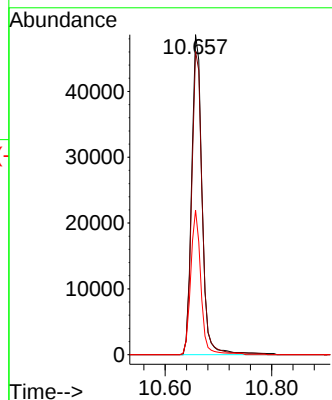
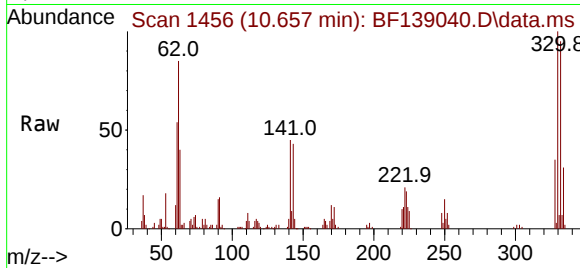




#42
2,4,6-Tribromophenol
Concen: 89.356 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

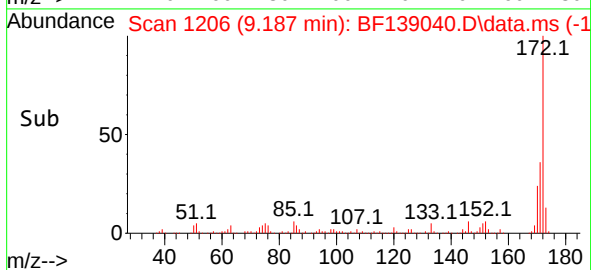
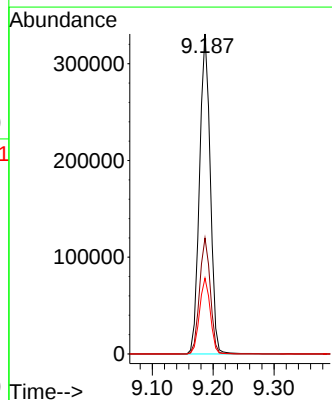
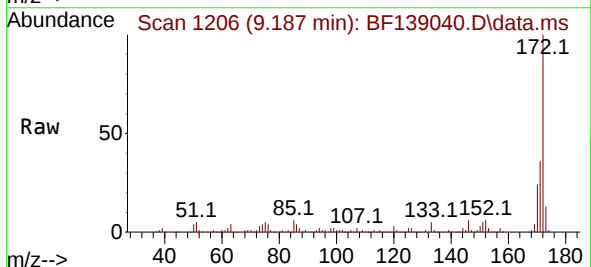
Instrument :
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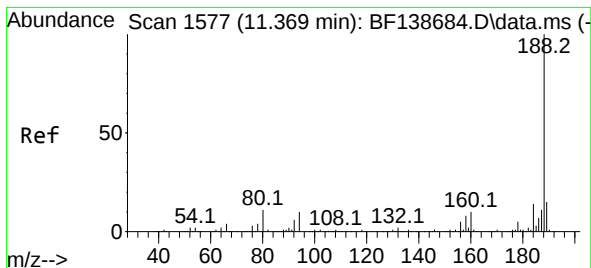
Tgt Ion:330 Resp: 66148
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 44.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 67.575 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139040.D
Acq: 16 Aug 2024 00:18

Tgt Ion:172 Resp: 406453
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139040.D

Acq: 16 Aug 2024 00:18

Instrument :

BNA_F

ClientSampleId :

C-SOIL

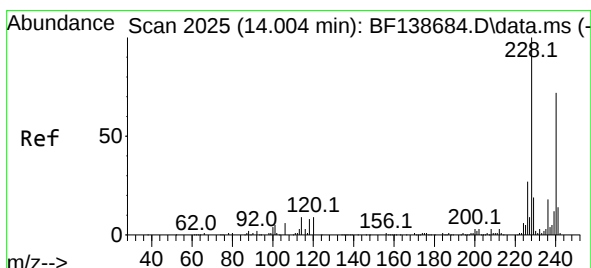
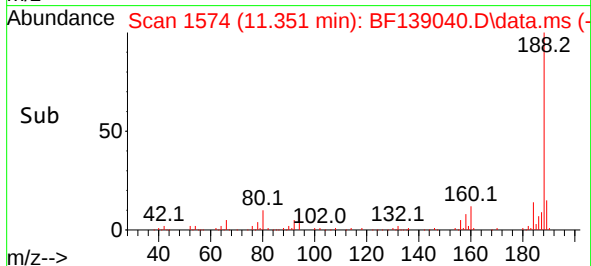
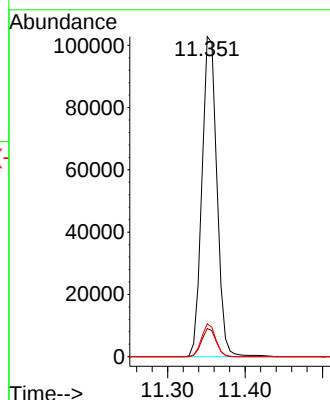
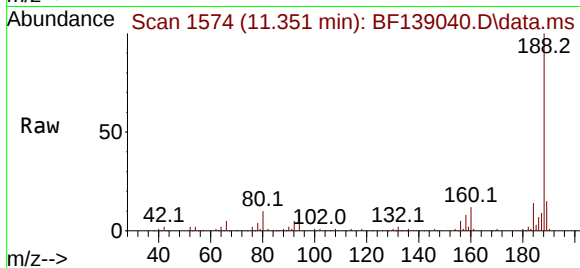
Tgt Ion:188 Resp: 137979

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139040.D

Acq: 16 Aug 2024 00:18

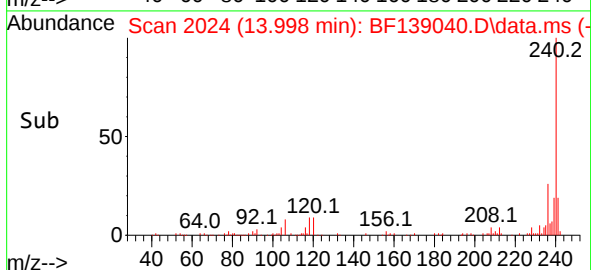
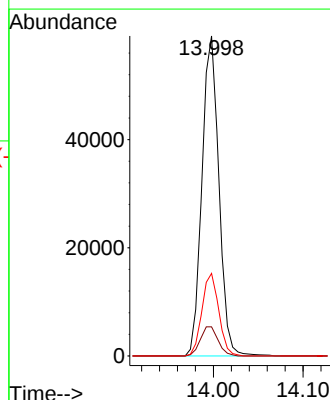
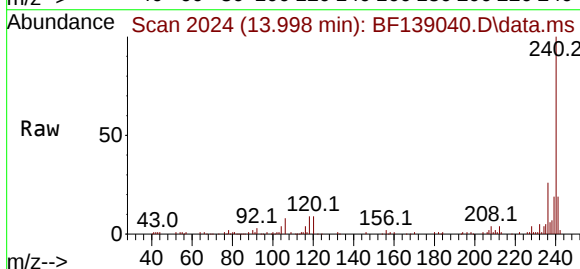
Tgt Ion:240 Resp: 77519

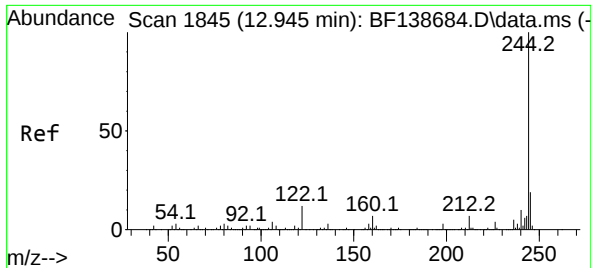
Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.4#

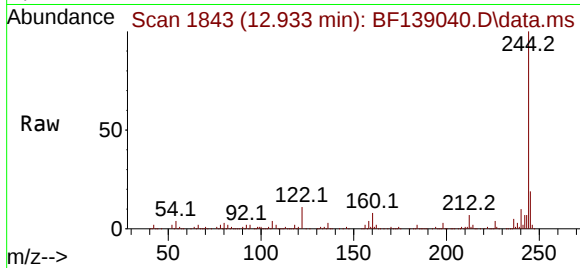
236 25.8 19.8 29.8



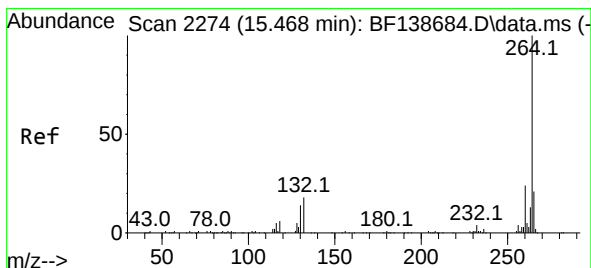
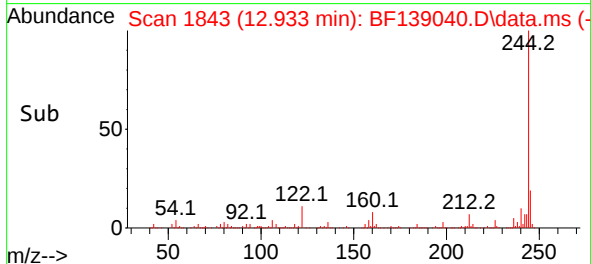
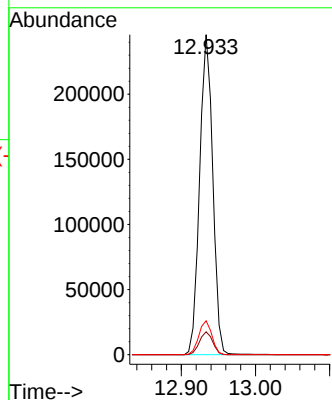


#79
 Terphenyl-d14
 Concen: 65.239 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139040.D
 Acq: 16 Aug 2024 00:18

Instrument :
 BNA_F
 ClientSampleId :
 C-SOIL



Tgt Ion:244 Resp: 302060
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139040.D
 Acq: 16 Aug 2024 00:18

Tgt Ion:264 Resp: 75133
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.6 17.0 25.6

