

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140124.D
 Acq On : 29 Oct 2024 20:47
 Operator : RC/JU
 Sample : P4574-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-1

Quant Time: Oct 30 01:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	126258	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	469909	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223464	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	282286	20.000	ng	0.00
76) Chrysene-d12	14.069	240	214709	20.000	ng	0.02
86) Perylene-d12	15.574	264	209710	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	479769	59.487	ng	0.00
7) Phenol-d6	6.504	99	608538	58.258	ng	0.00
23) Nitrobenzene-d5	7.445	82	406615	47.958	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	119671	57.253	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	730778	54.047	ng	0.00
79) Terphenyl-d14	13.004	244	494679	37.542	ng	0.00

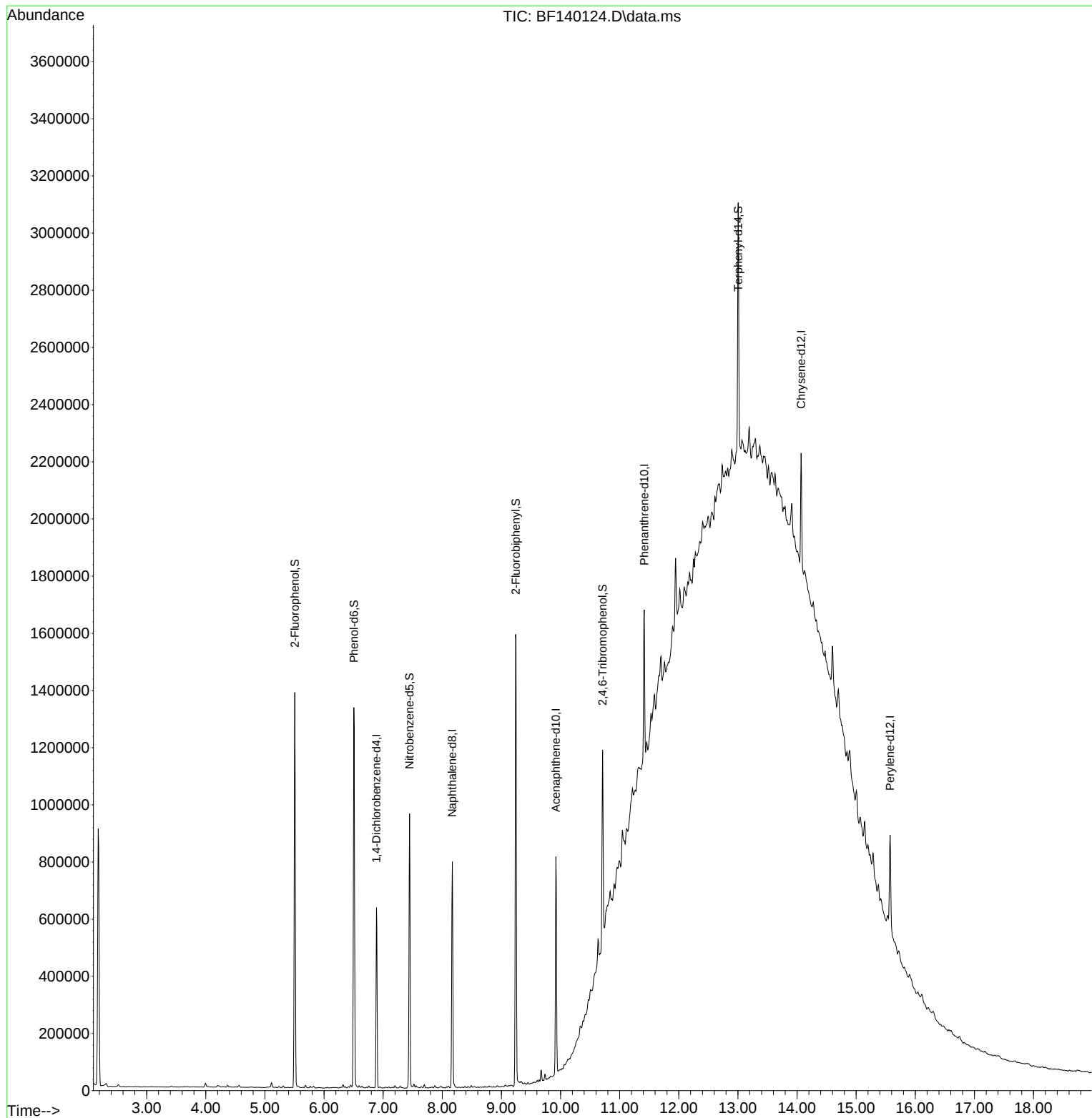
Target Compounds	Qvalue

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

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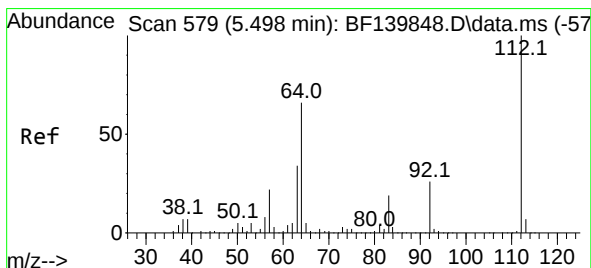
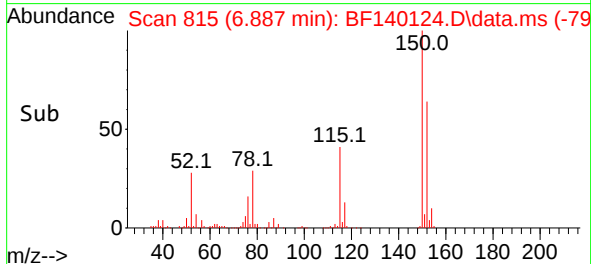
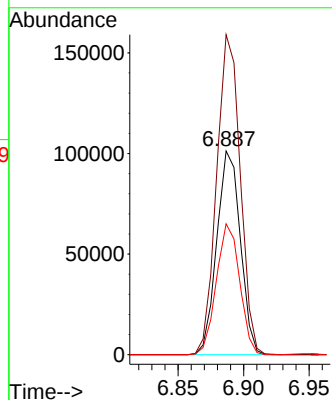
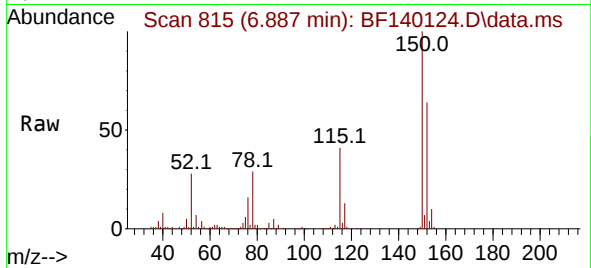




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

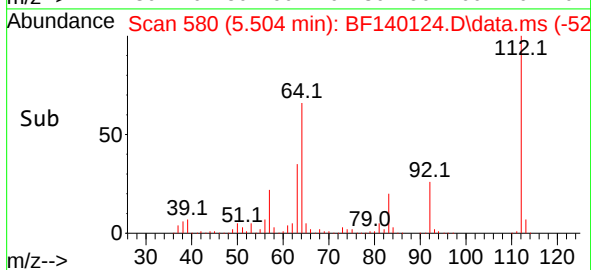
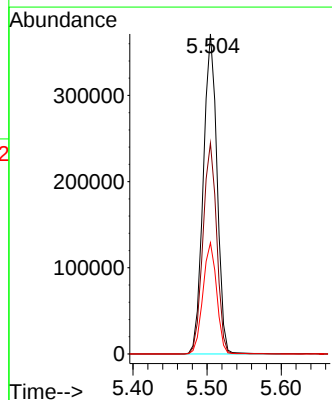
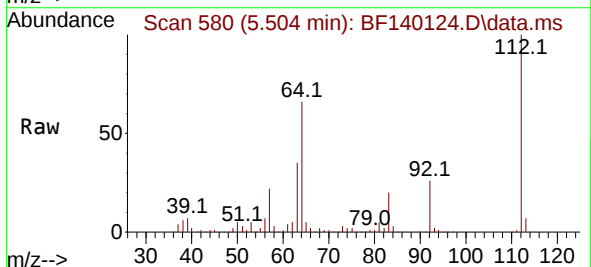
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

Tgt Ion:152 Resp: 126258
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 59.487 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Tgt Ion:112 Resp: 479769
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 34.8 27.0 40.4

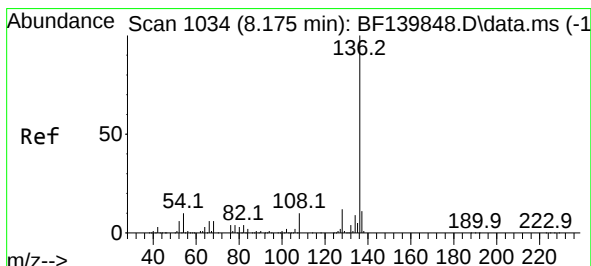
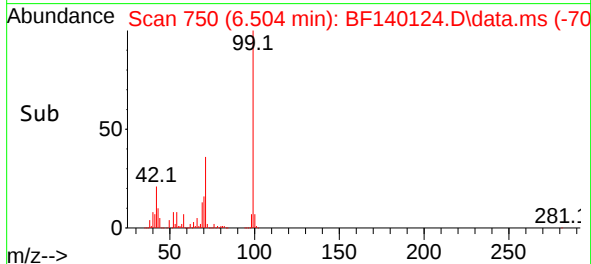
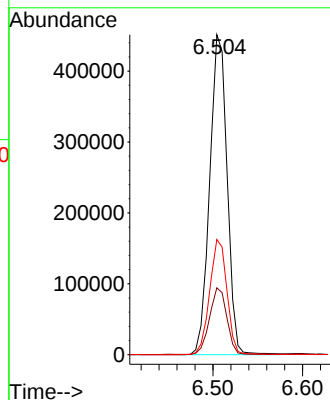
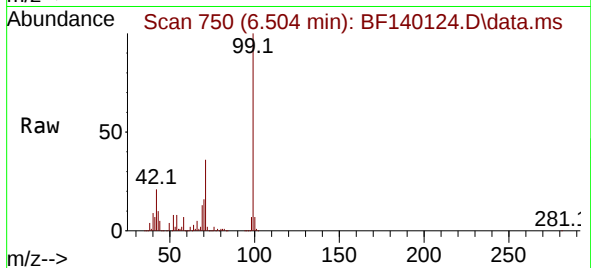




#7
Phenol-d6
Concen: 58.258 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

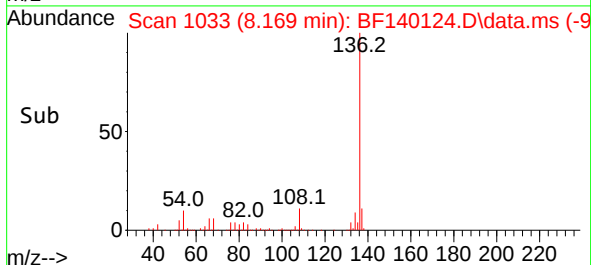
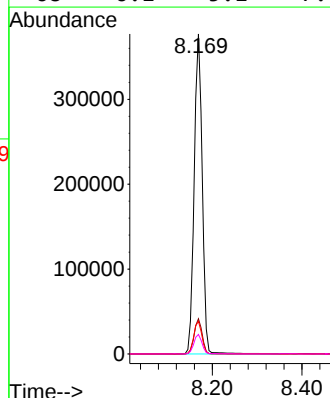
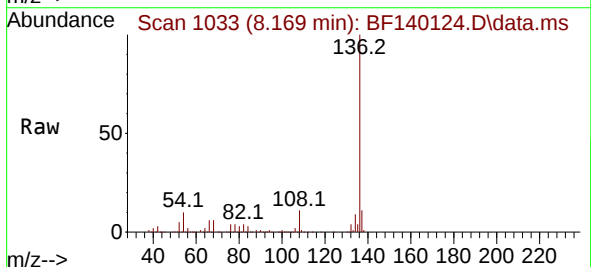
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

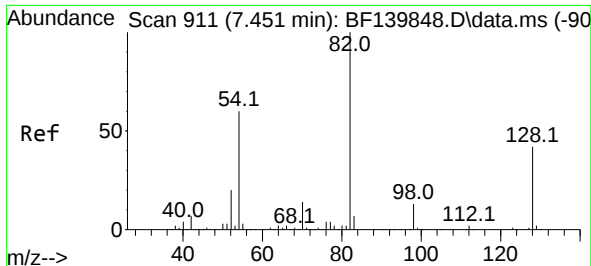
Tgt Ion: 99 Resp: 608538
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 36.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Tgt Ion: 136 Resp: 469909
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 8.4 12.6
68 6.1 5.1 7.7

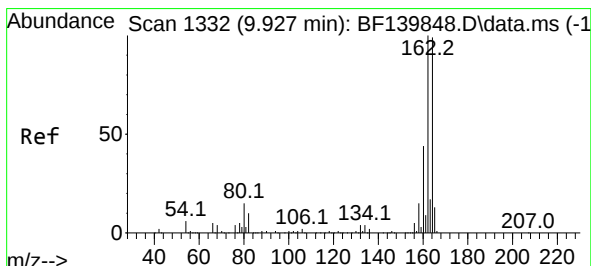
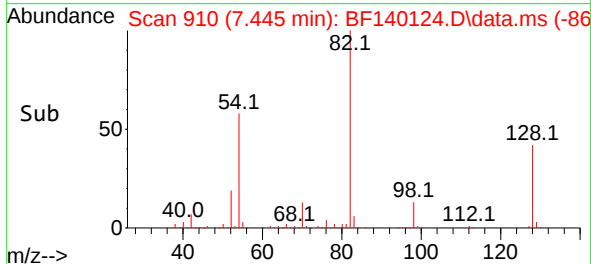
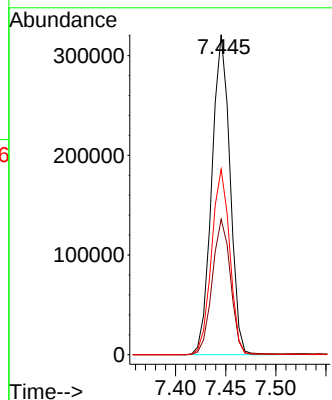
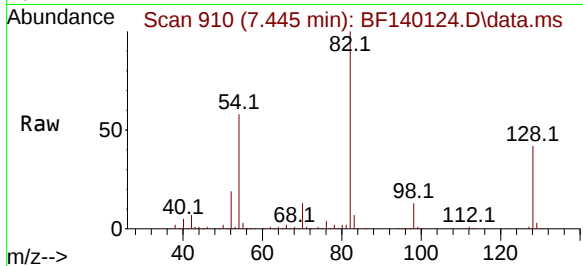




#23
Nitrobenzene-d5
Concen: 47.958 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

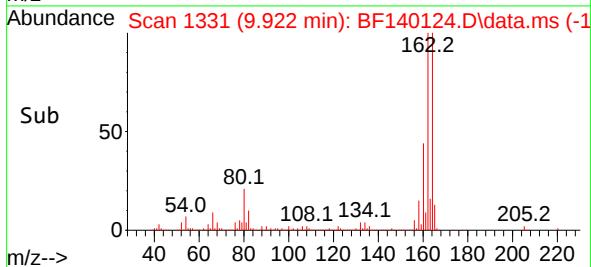
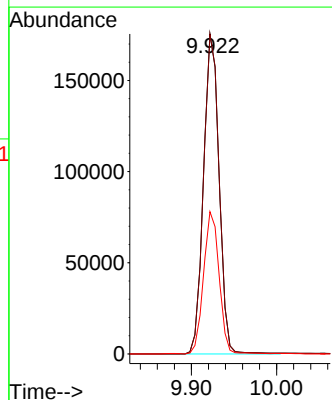
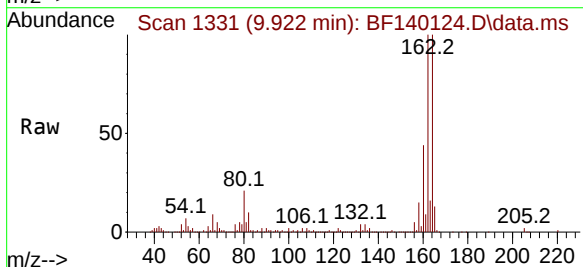
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

Tgt Ion: 82 Resp: 406615
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 57.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Tgt Ion:164 Resp: 223464
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.4 35.4 53.0

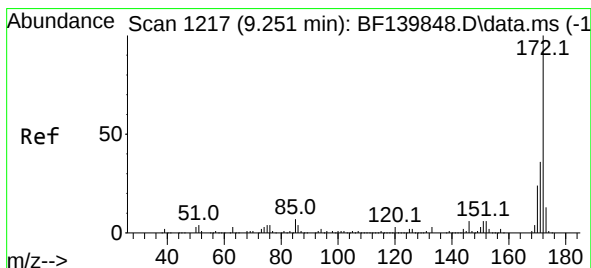
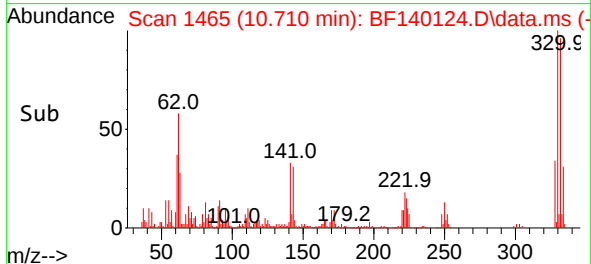
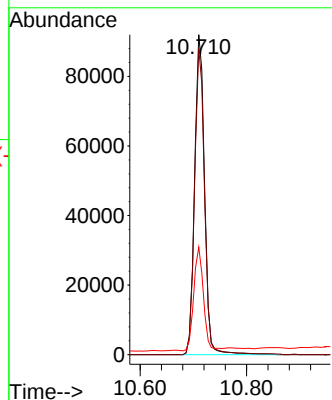
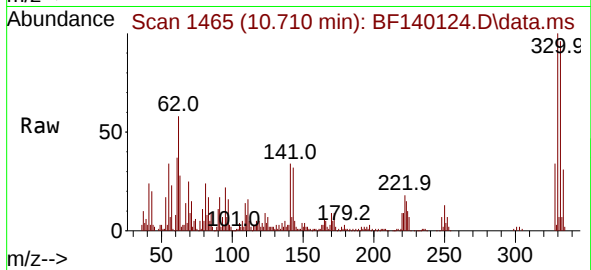




#42
2,4,6-Tribromophenol
Concen: 57.253 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

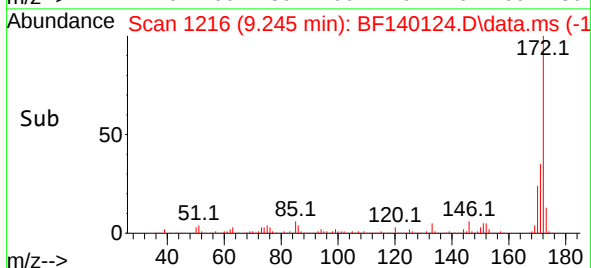
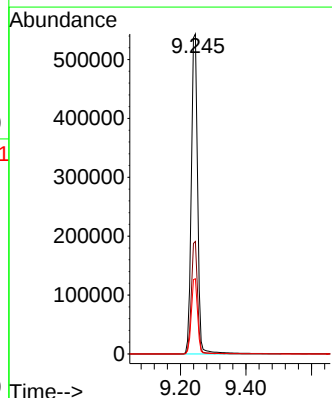
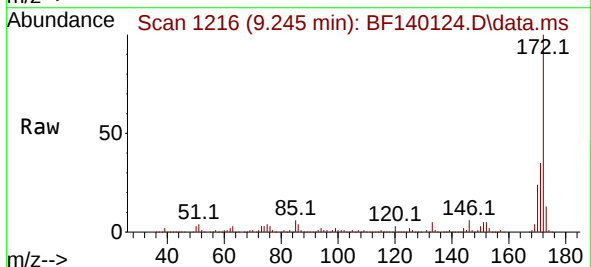
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

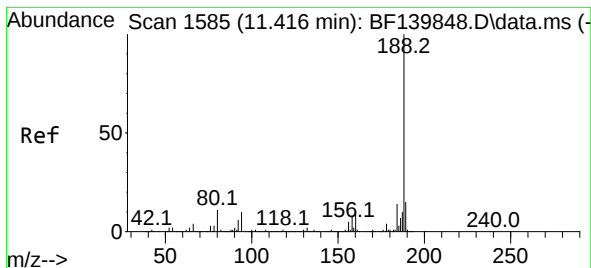
Tgt Ion: 330 Resp: 119671
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 31.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 54.047 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Tgt Ion: 172 Resp: 730778
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140124.D

Acq: 29 Oct 2024 20:47

Instrument :

BNA_F

ClientSampleId :

GRAVEL-1

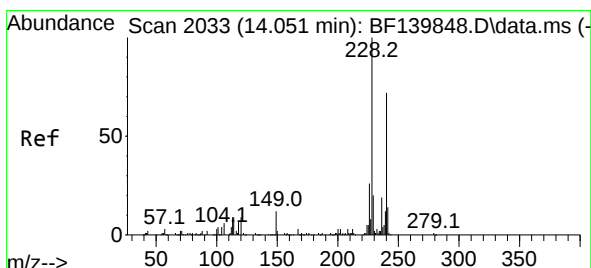
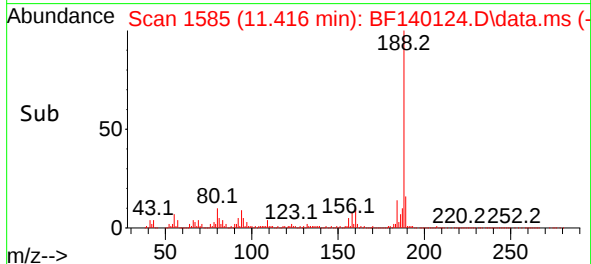
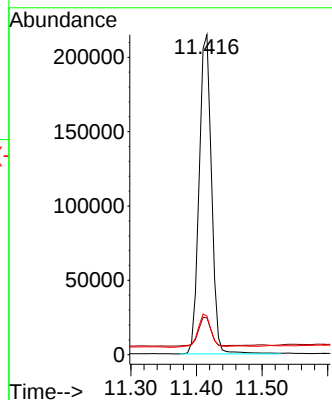
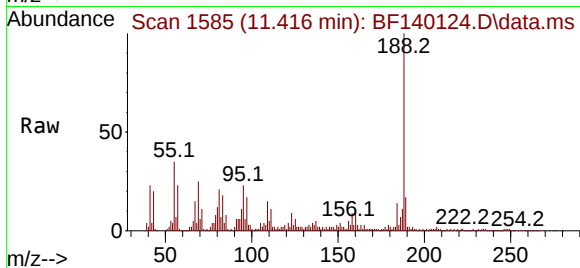
Tgt Ion:188 Resp: 282286

Ion Ratio Lower Upper

188 100

94 11.5 7.9 11.9

80 12.1 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140124.D

Acq: 29 Oct 2024 20:47

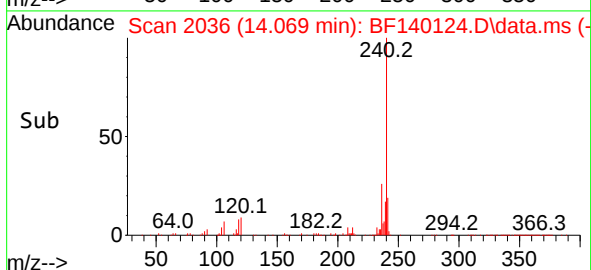
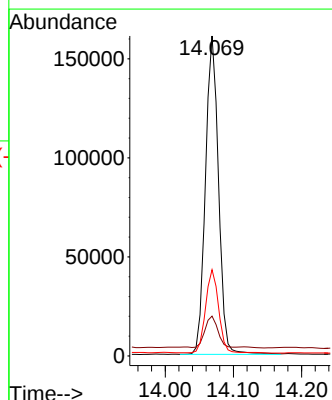
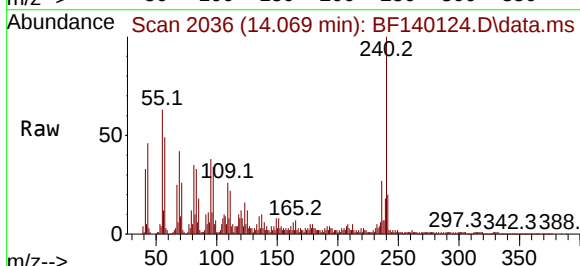
Tgt Ion:240 Resp: 214709

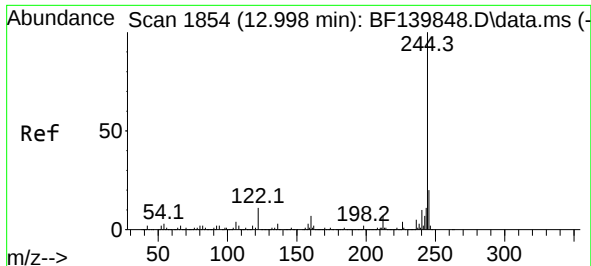
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 27.0 20.9 31.3

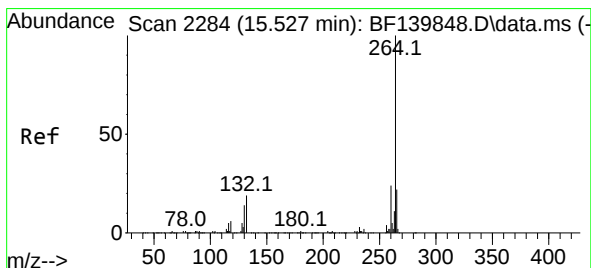
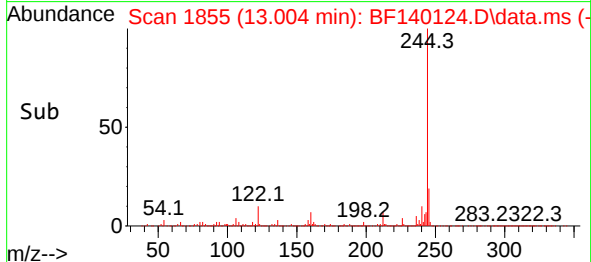
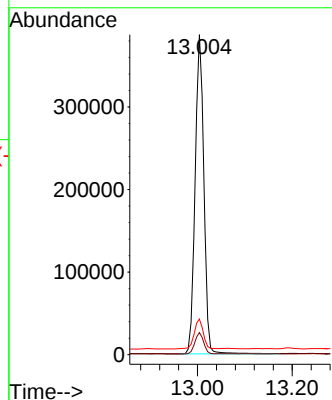
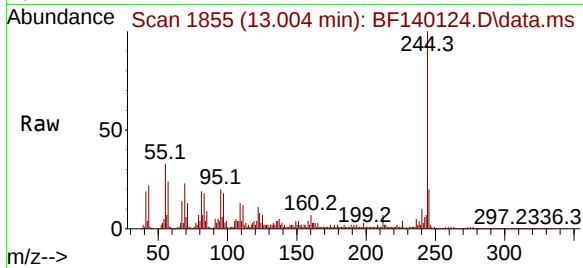




#79
 Terphenyl-d14
 Concen: 37.542 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140124.D
 Acq: 29 Oct 2024 20:47

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-1

Tgt Ion:244 Resp: 494679
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.047 min
 Lab File: BF140124.D
 Acq: 29 Oct 2024 20:47

Tgt Ion:264 Resp: 209710
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 17.4 26.0

