

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)

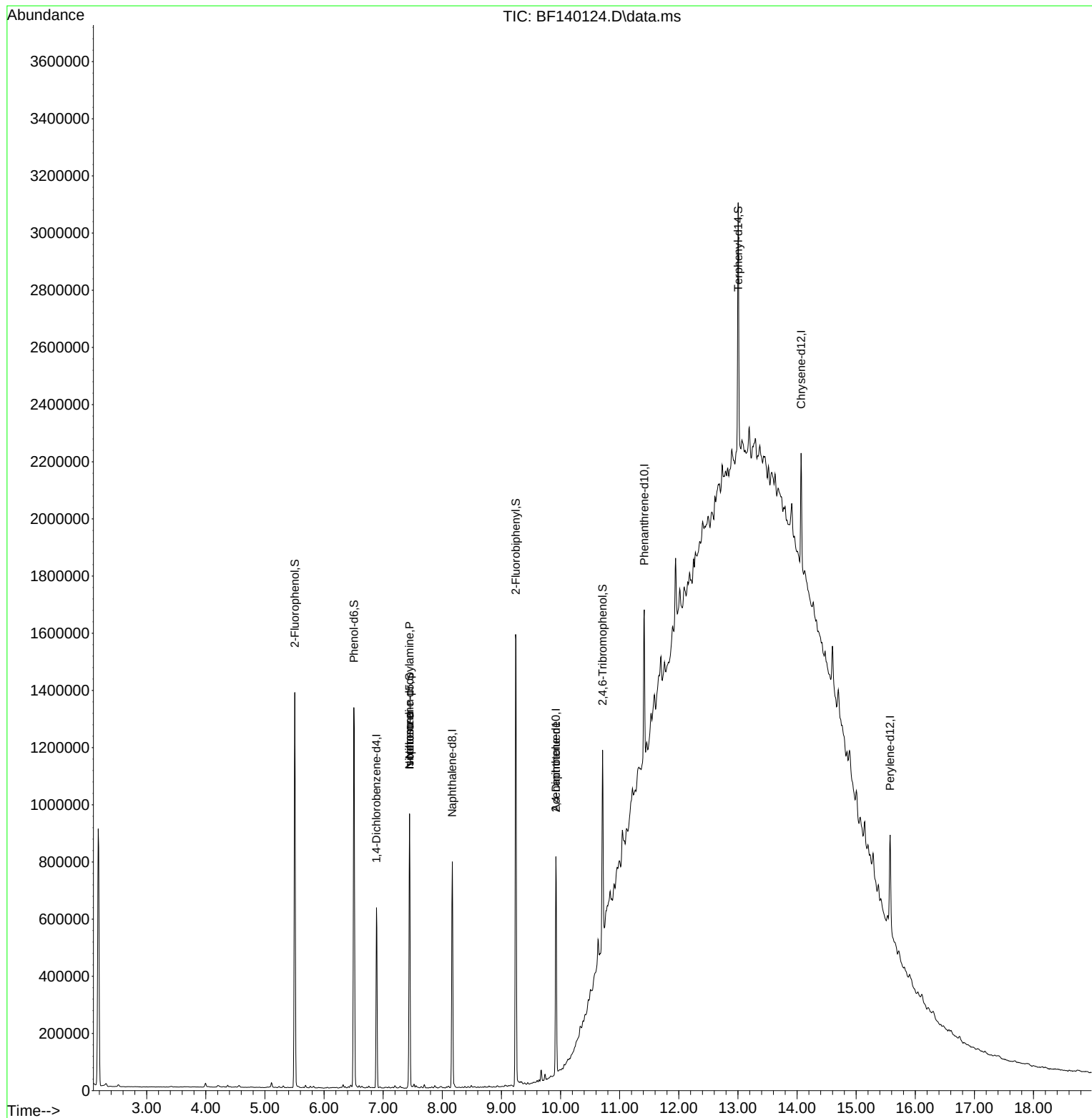
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	126258	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	469909	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223464	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	282286	20.000	ng	0.00
76) Chrysene-d12	14.069	240	214709	20.000	ng	0.02
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.445	70	53861	8.502	ng	# 77
25) Isophorone	7.445	82	402469	25.010	ng	# 67
57) 2,4-Dinitrotoluene	9.922	165	29437	7.943	ng	# 21

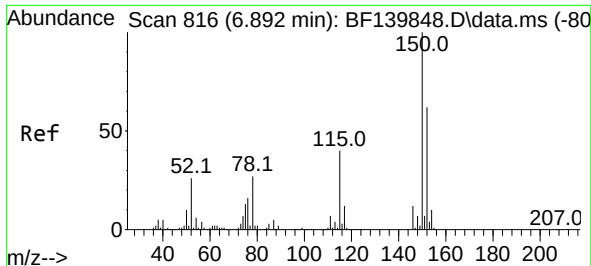
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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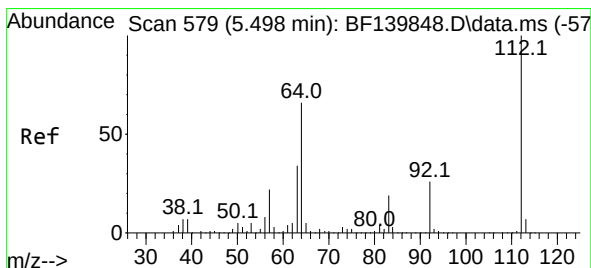
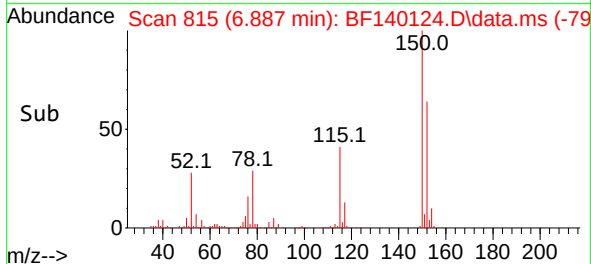
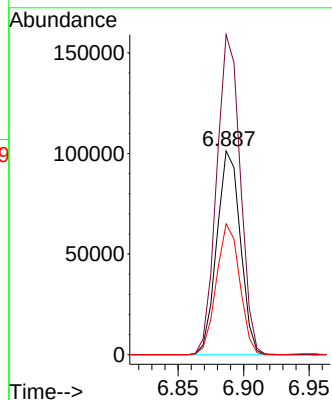
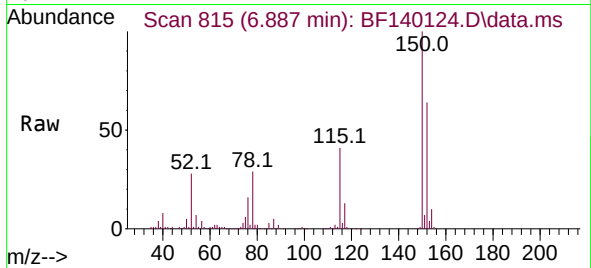




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

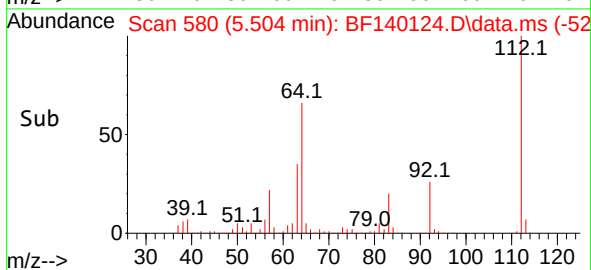
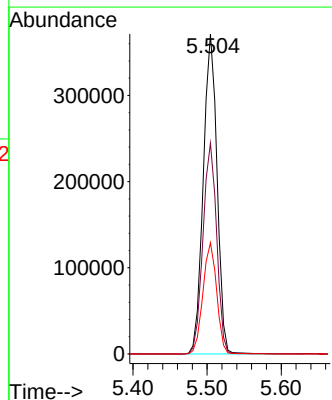
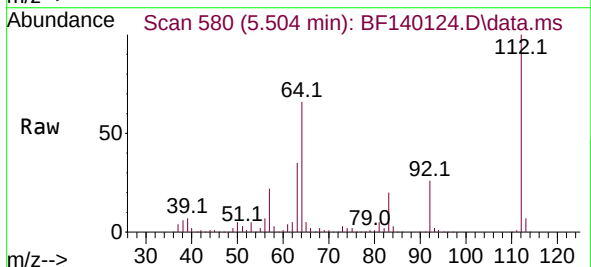
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

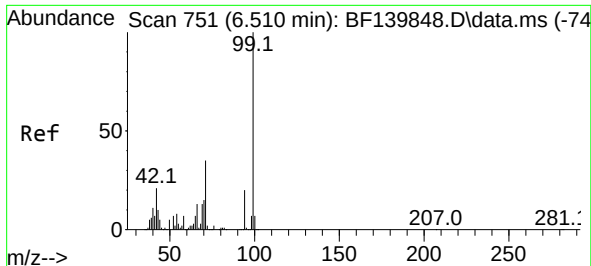
Tgt Ion:152 Resp: 126258
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 64.3 51.4 77.2



#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

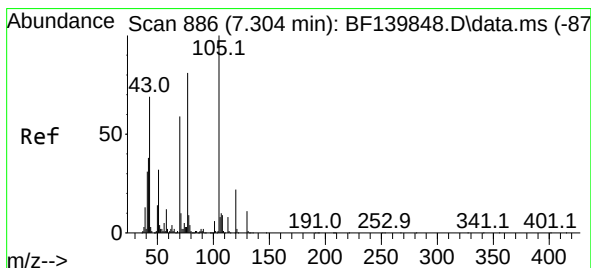
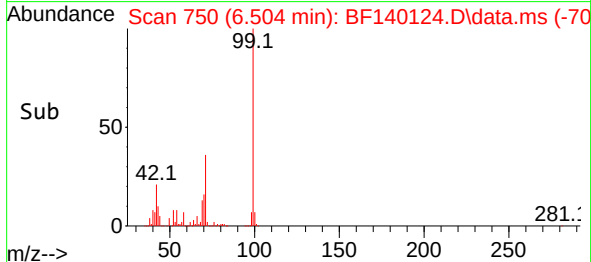
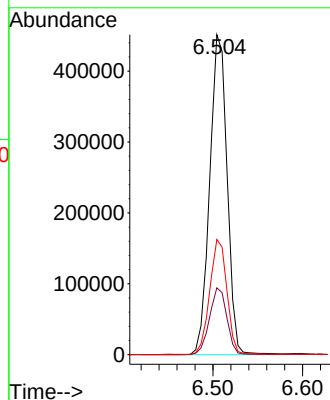
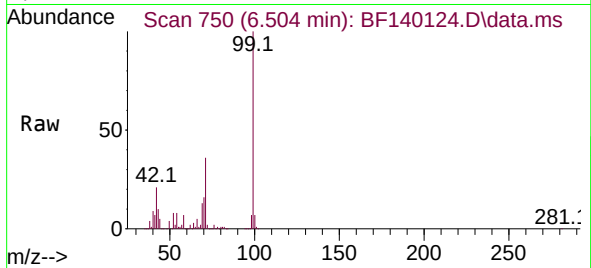




#7
Phenol-d6
Concen: 58.258 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

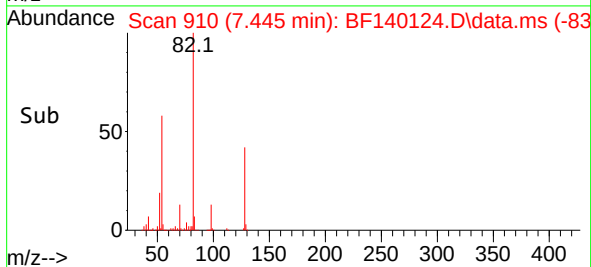
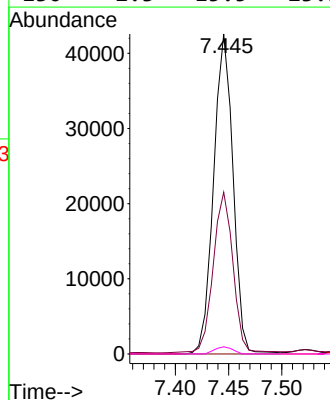
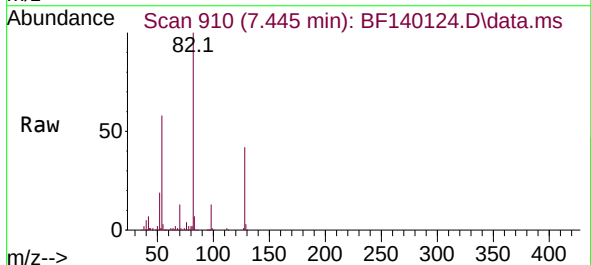
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

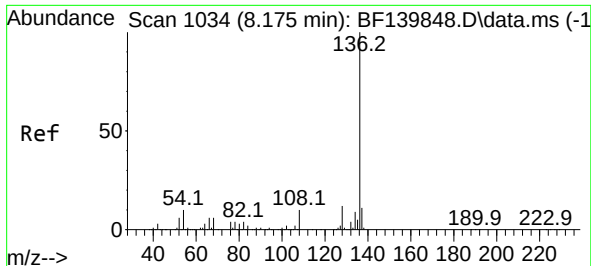
Tgt Ion: 99 Resp: 608538
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 36.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.502 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Tgt Ion: 70 Resp: 53861
Ion Ratio Lower Upper
70 100
42 50.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



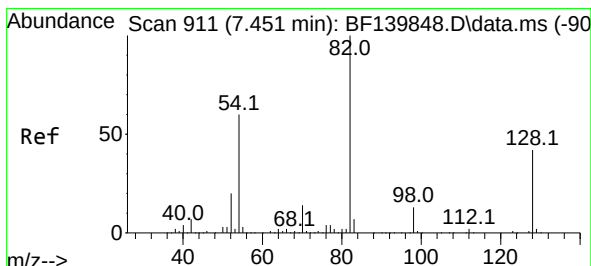
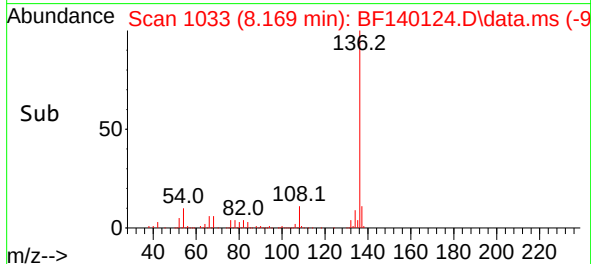
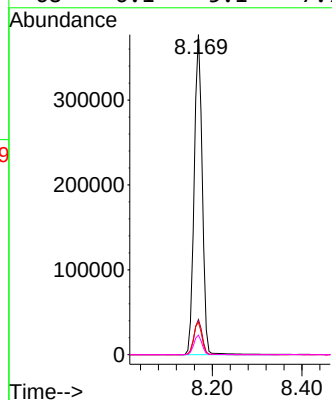
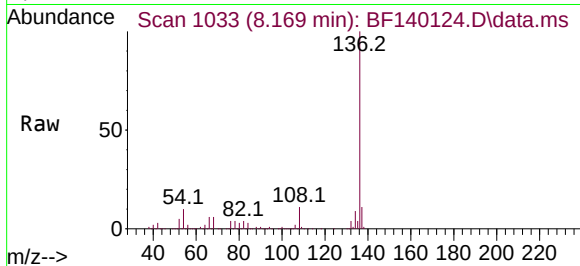


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

Tgt Ion:136 Resp: 469909

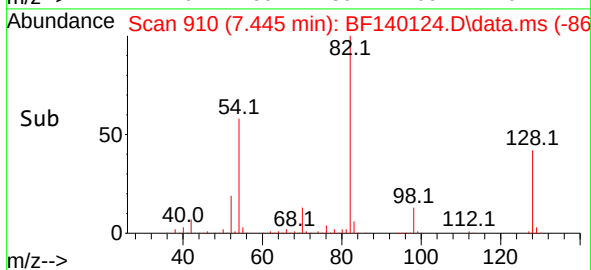
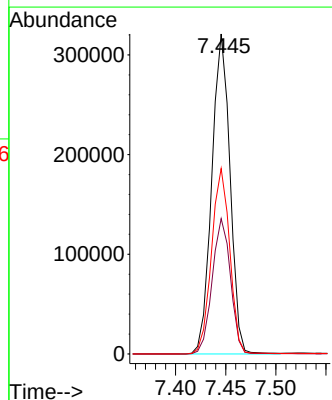
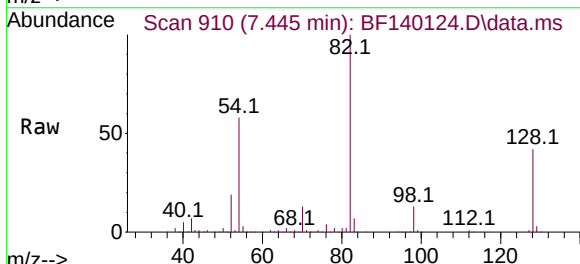
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.2	8.4	12.6
68	6.1	5.1	7.7

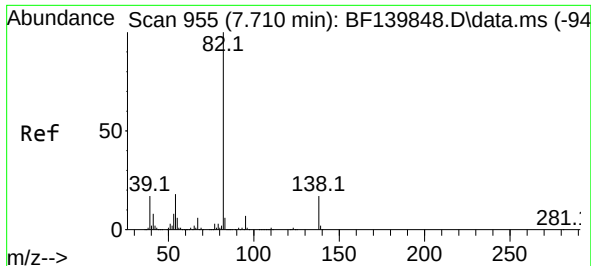


#23
Nitrobenzene-d5
Concen: 47.958 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

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

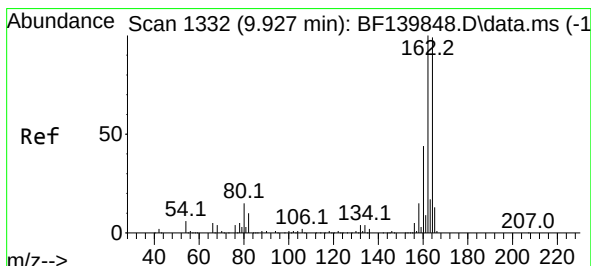
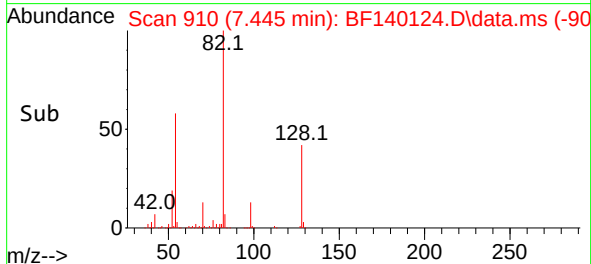
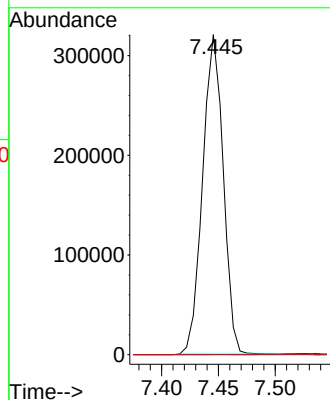
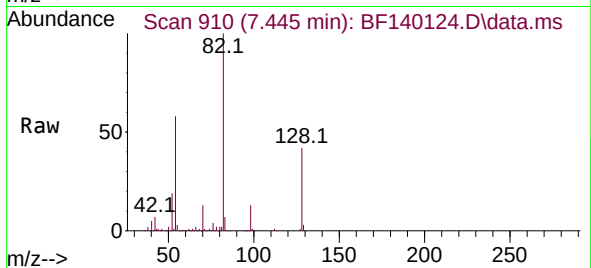




#25
Isophorone
Concen: 25.010 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

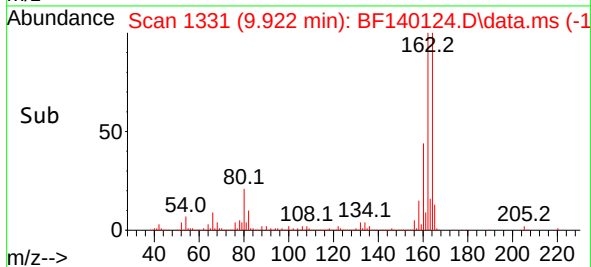
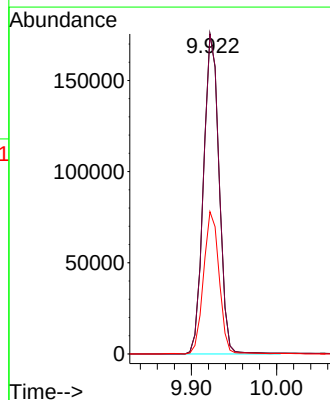
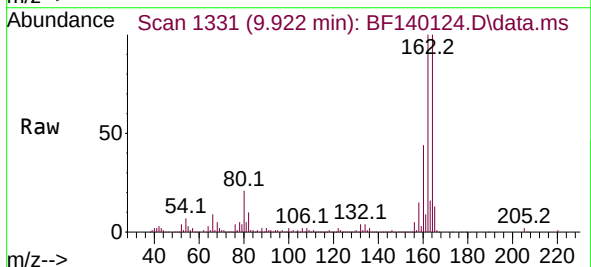
Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

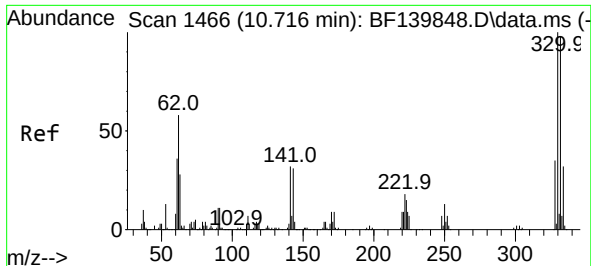
Tgt Ion: 82 Resp: 402469
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.2 19.8#



#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

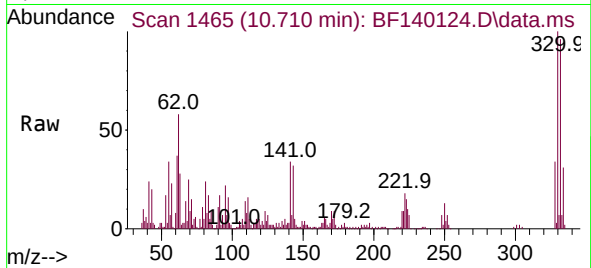
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Instrument :

BNA_F

ClientSampleId :

GRAVEL-1



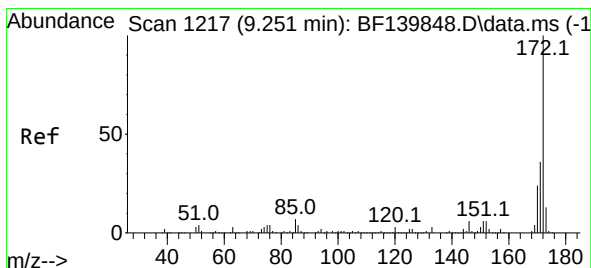
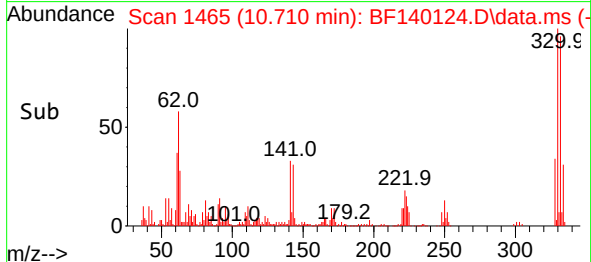
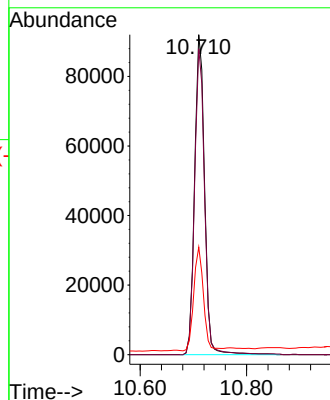
Tgt Ion:330 Resp: 119671

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

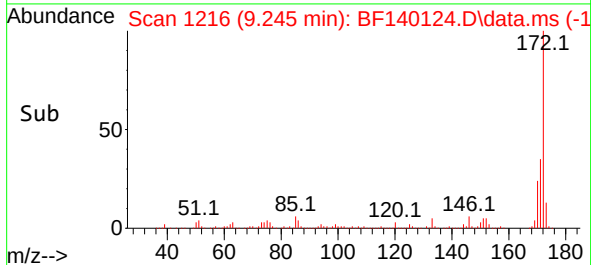
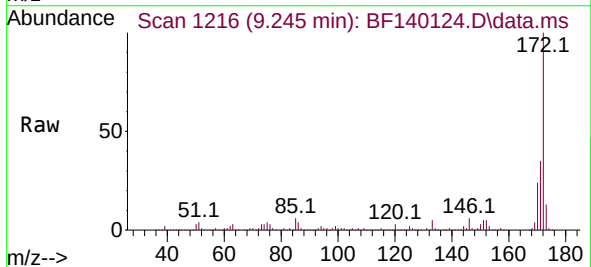
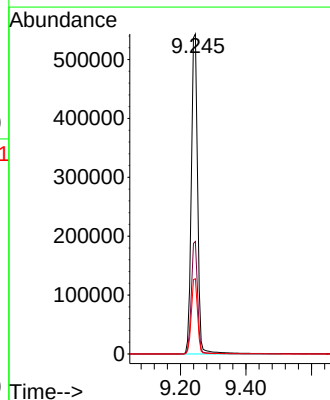
Tgt Ion:172 Resp: 730778

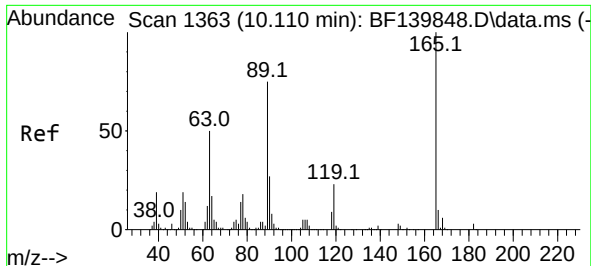
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.5 19.1 28.7

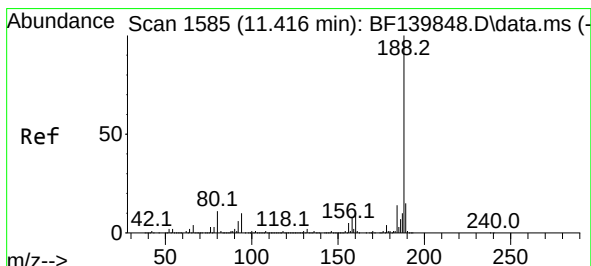
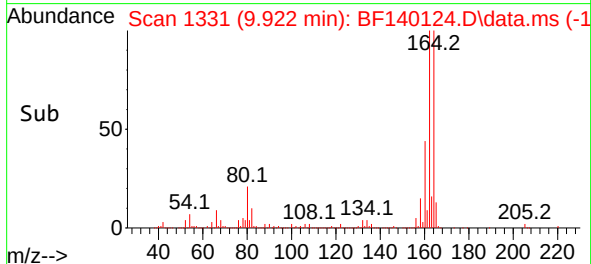
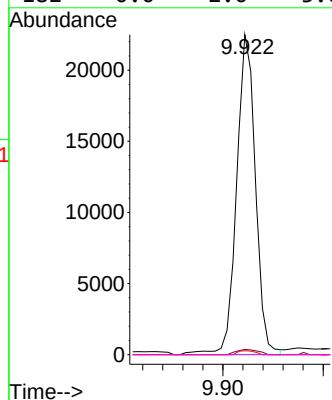
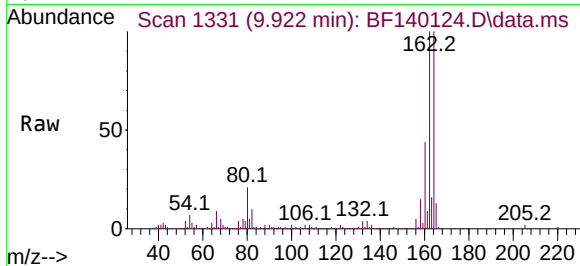




#57
2,4-Dinitrotoluene
Concen: 7.943 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

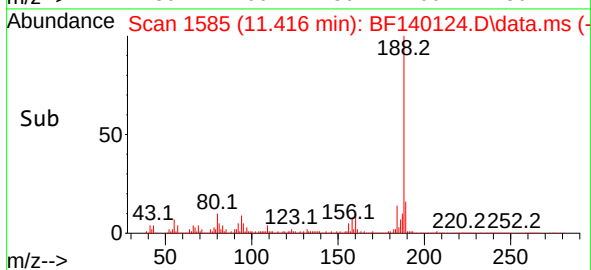
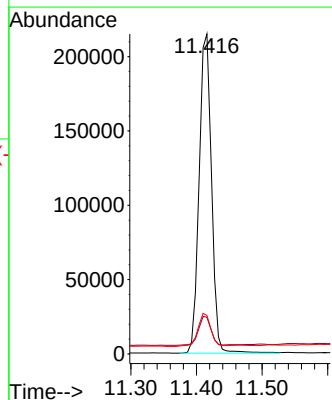
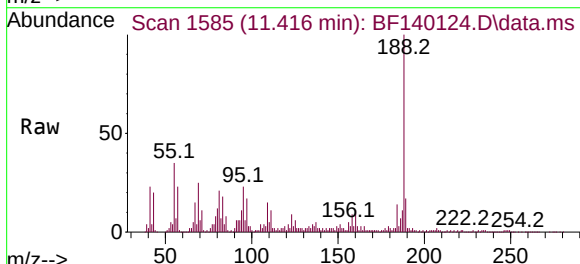
Instrument :
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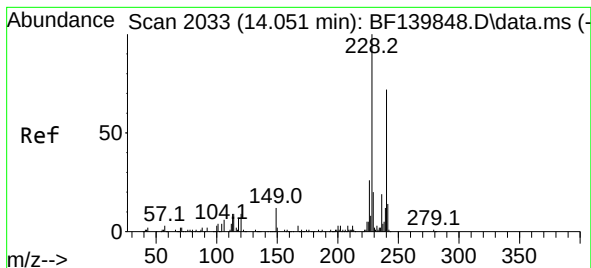
Tgt Ion:165 Resp: 29437
Ion Ratio Lower Upper
165 100
63 1.6 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

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# 2033

Delta R.T. 0.018 min

Lab File: BF140124.D

Acq: 29 Oct 2024 20:47

Instrument :

BNA_F

ClientSampleId :

GRAVEL-1

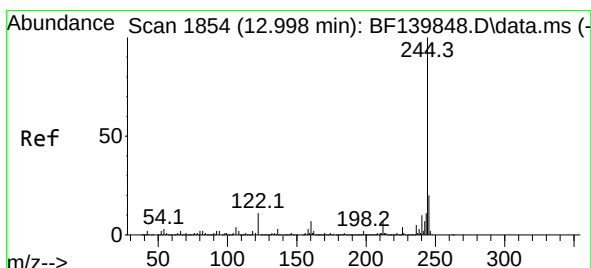
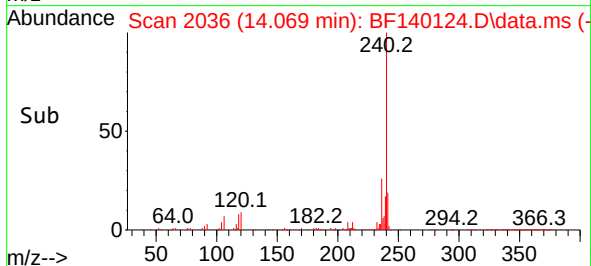
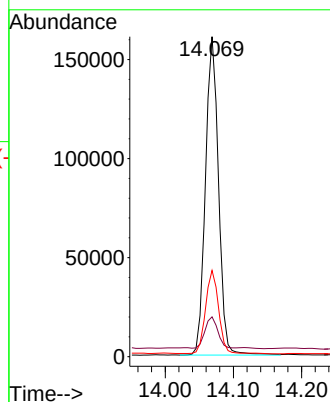
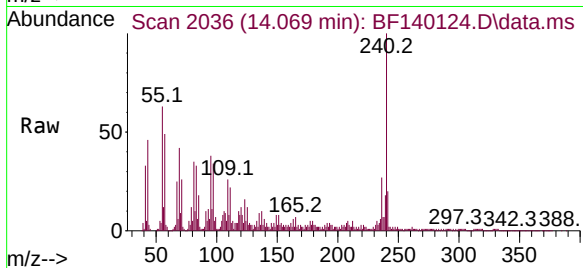
Tgt Ion:240 Resp: 214709

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# 1855

Delta R.T. 0.006 min

Lab File: BF140124.D

Acq: 29 Oct 2024 20:47

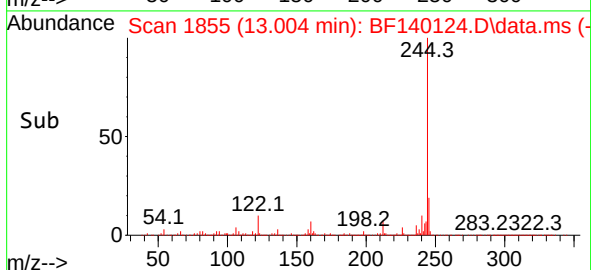
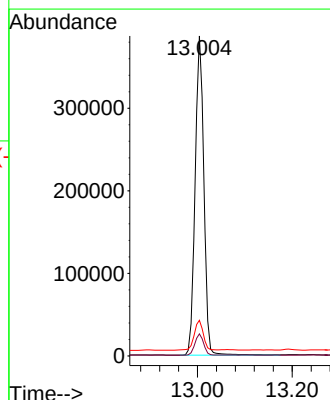
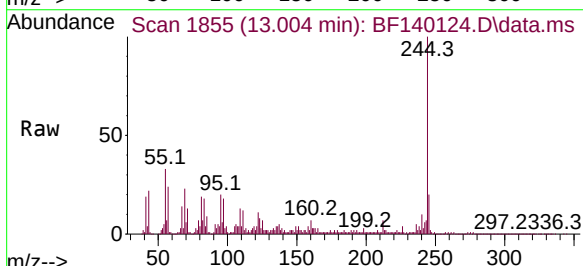
Tgt Ion:244 Resp: 494679

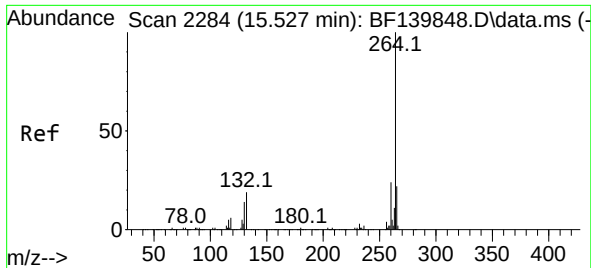
Ion Ratio Lower Upper

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# 21
Delta R.T. 0.047 min
Lab File: BF140124.D
Acq: 29 Oct 2024 20:47

Instrument :
BNA_F
ClientSampleId :
GRAVEL-1

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

