

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137847.D
 Acq On : 07 May 2024 15:07
 Operator : CG\JU
 Sample : P2388-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1407-CONCRETE

Quant Time: May 07 15:32:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

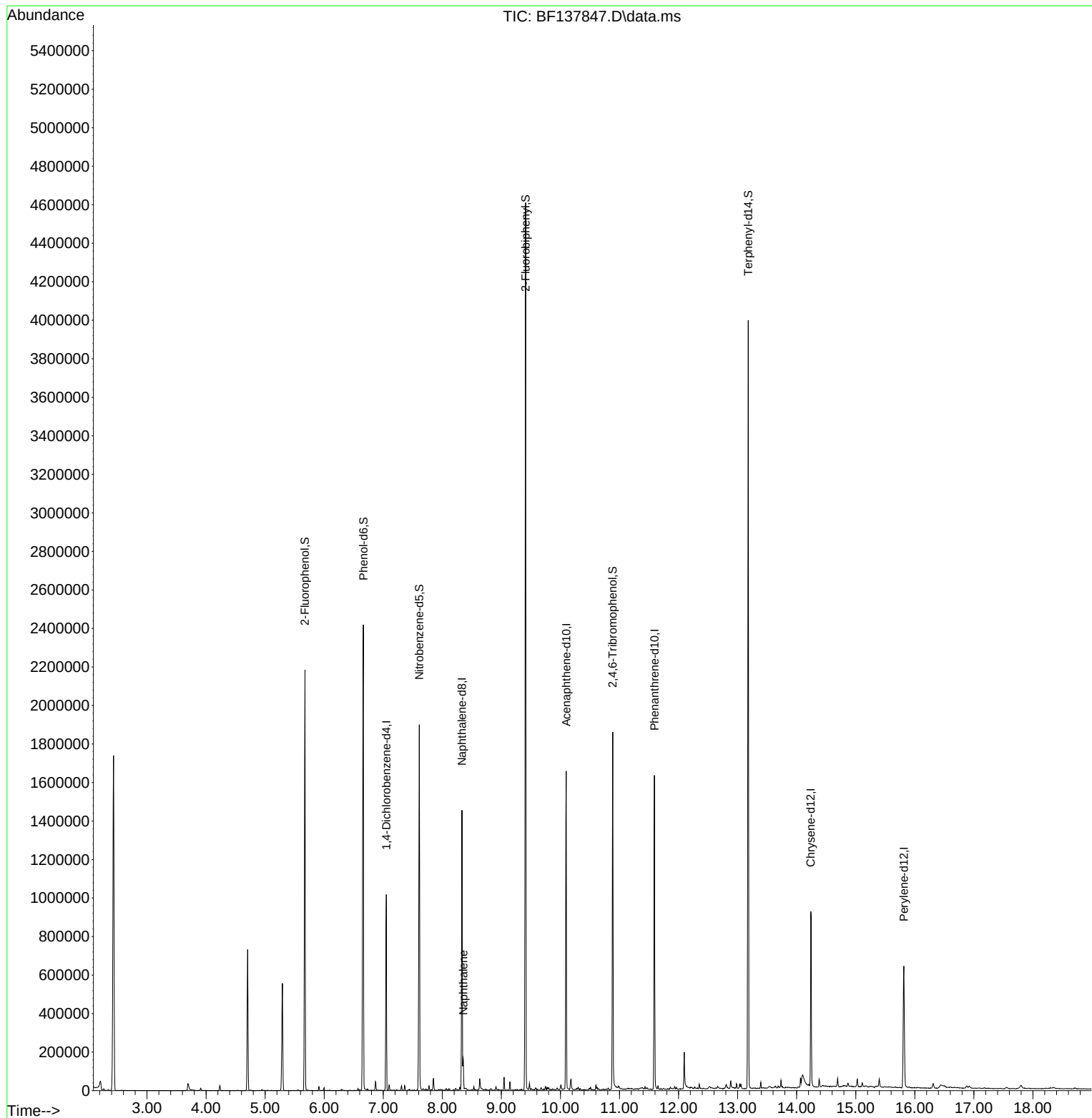
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	146879	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	597679	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	347996	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	551231	20.000	ng	0.00
76) Chrysene-d12	14.239	240	317039	20.000	ng	-0.01
86) Perylene-d12	15.815	264	308671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	589326	67.178	ng	0.00
7) Phenol-d6	6.663	99	913919	82.134	ng	-0.01
23) Nitrobenzene-d5	7.610	82	633061	61.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	205164	57.742	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1390189	64.811	ng	-0.01
79) Terphenyl-d14	13.180	244	1344879	71.090	ng	0.00
Target Compounds						
31) Naphthalene	8.357	128	70998	2.390	ng	98

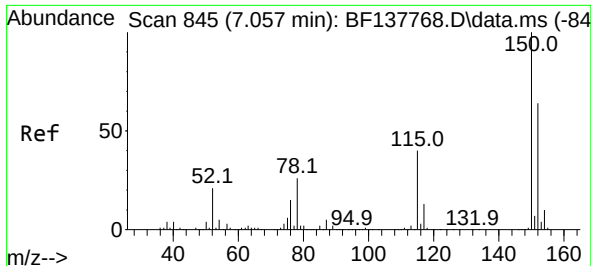
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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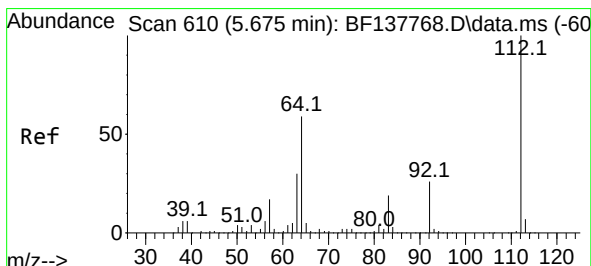
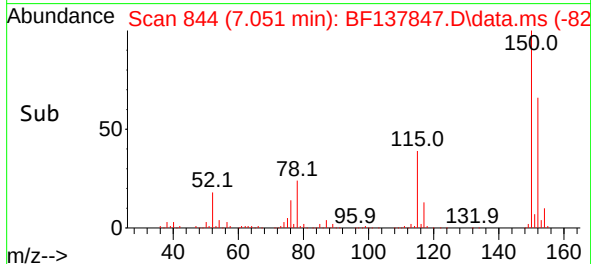
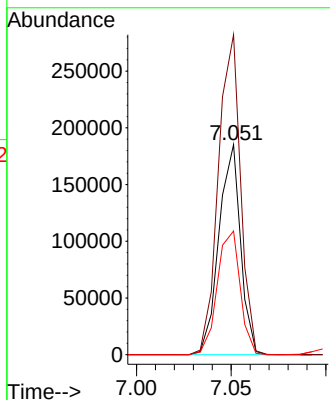
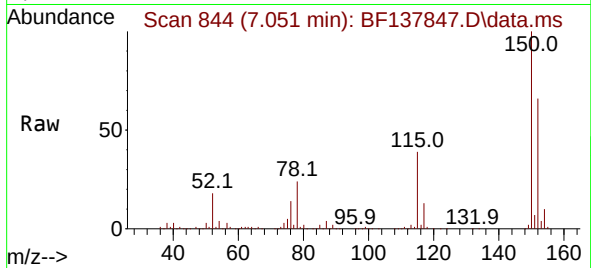




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

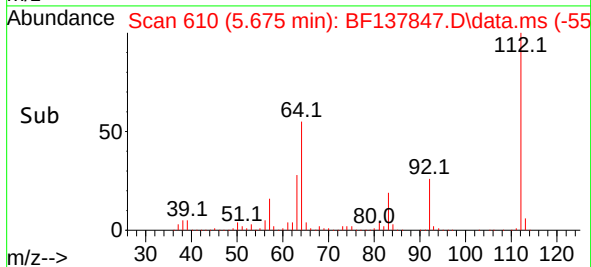
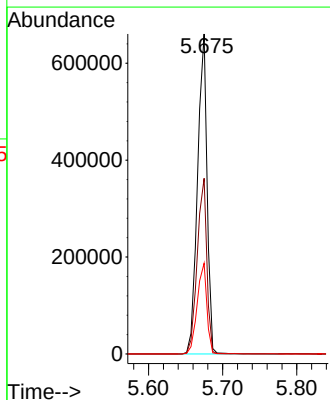
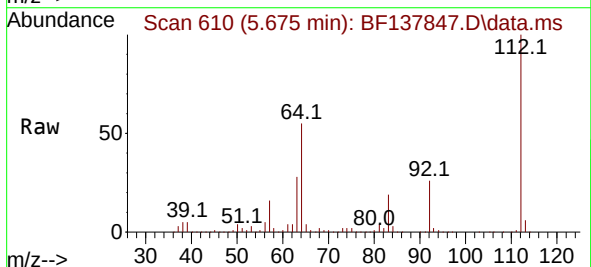
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

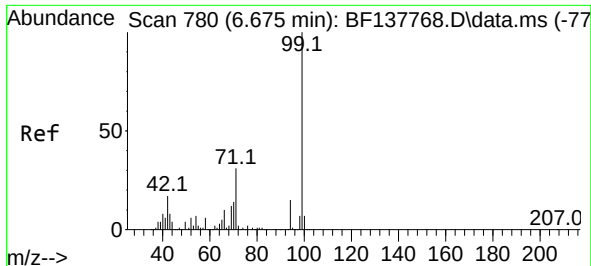
Tgt Ion:152 Resp: 146879
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 67.178 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:112 Resp: 589326
Ion Ratio Lower Upper
112 100
64 54.9 47.3 70.9
63 28.4 23.7 35.5

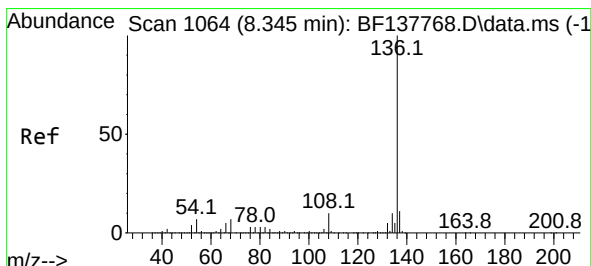
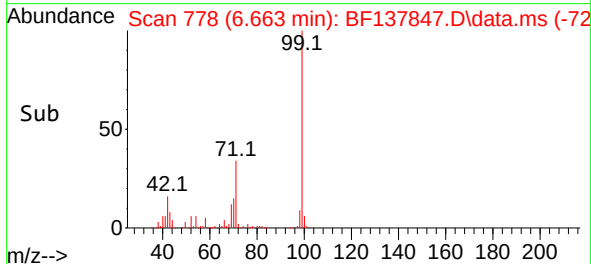
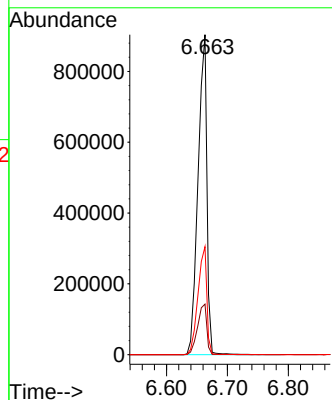
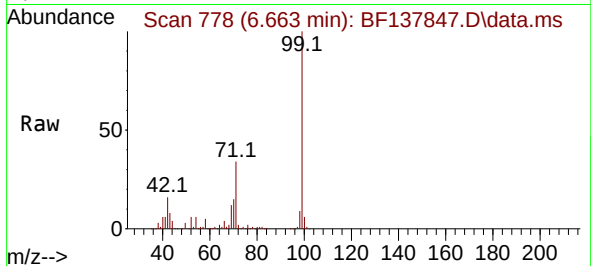




#7
Phenol-d6
Concen: 82.134 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

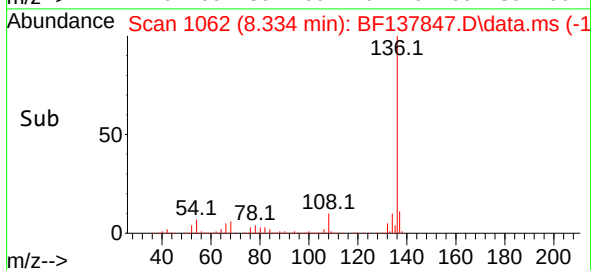
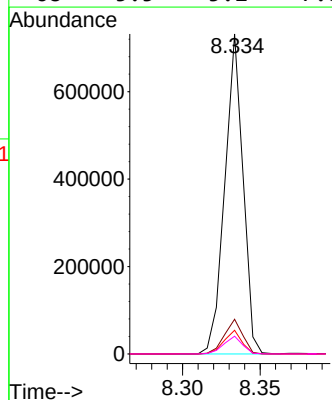
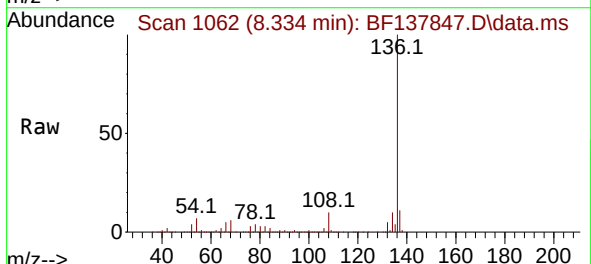
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

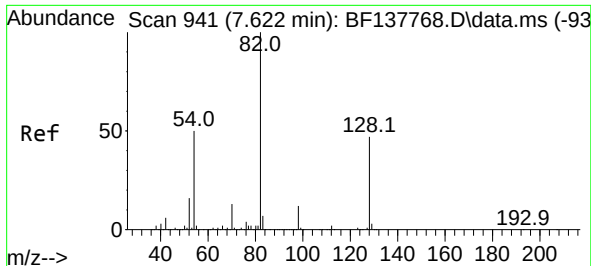
Tgt Ion: 99 Resp: 913919
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion: 136 Resp: 597679
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.8 8.8
68 5.5 5.2 7.8

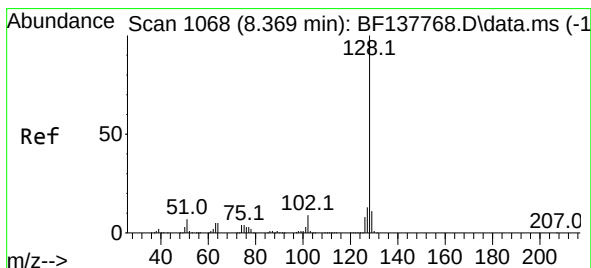
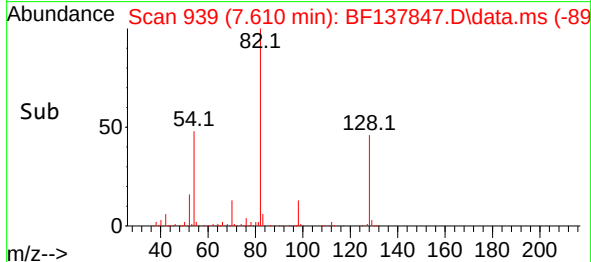
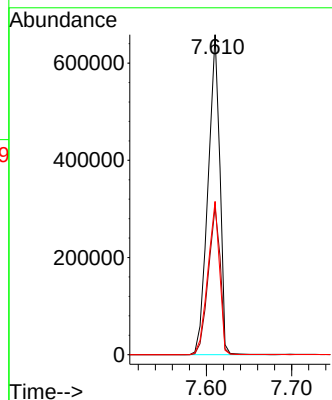
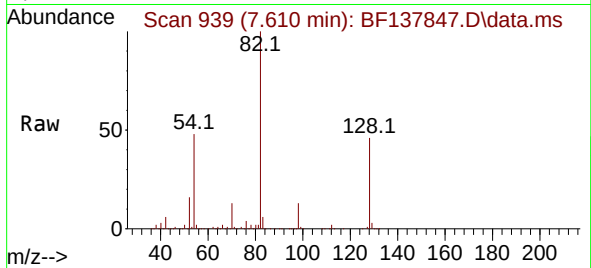




#23
Nitrobenzene-d5
Concen: 61.537 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

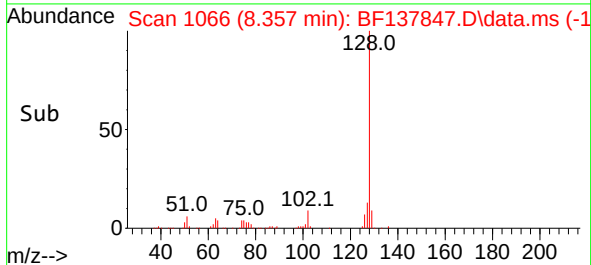
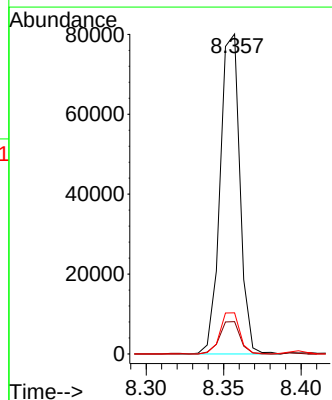
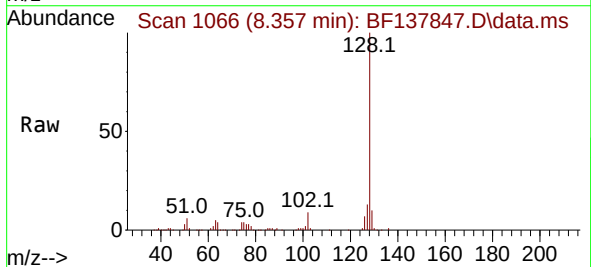
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

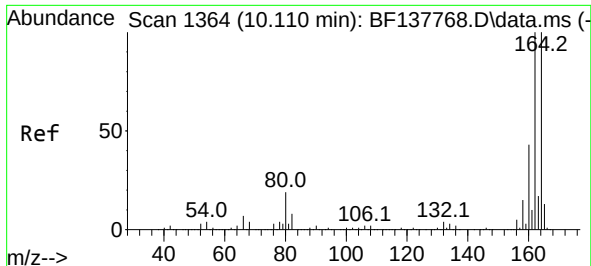
Tgt Ion: 82 Resp: 633061
Ion Ratio Lower Upper
82 100
128 46.1 37.5 56.3
54 47.9 39.8 59.6



#31
Naphthalene
Concen: 2.390 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

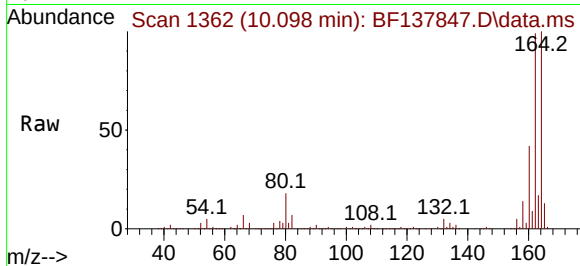
Tgt Ion: 128 Resp: 70998
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.8 10.6 16.0



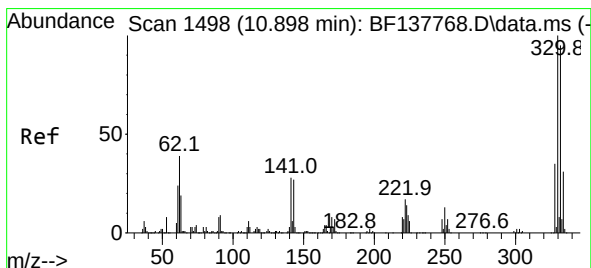
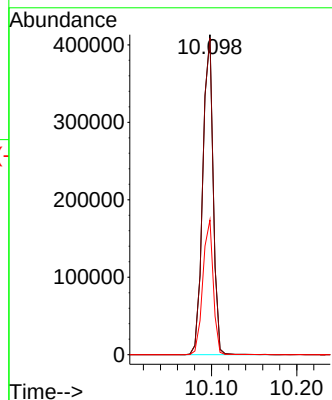
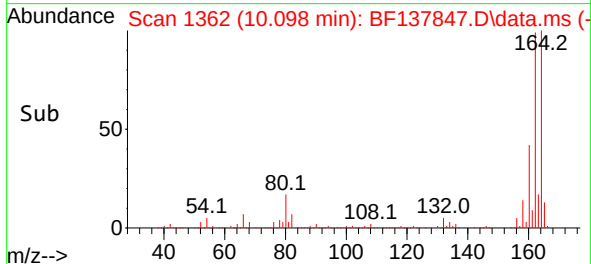


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

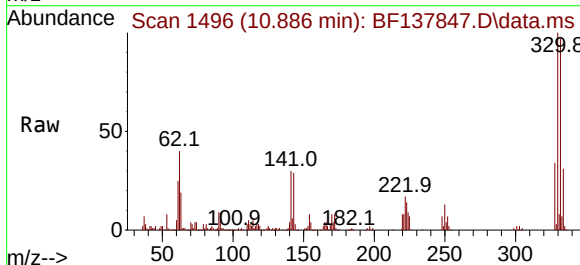
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE



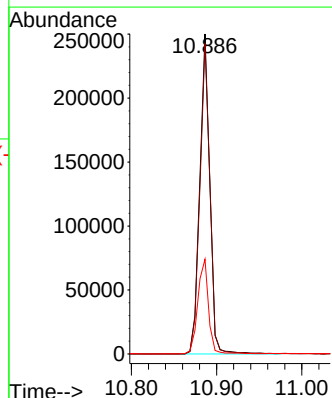
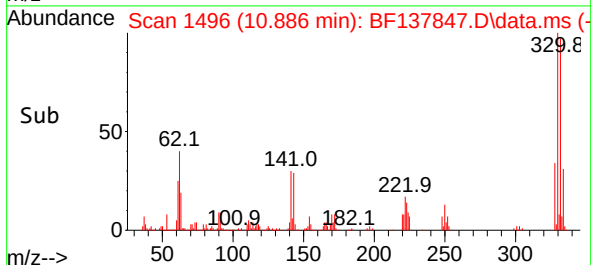
Tgt Ion:164 Resp: 347996
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 42.1 34.4 51.6

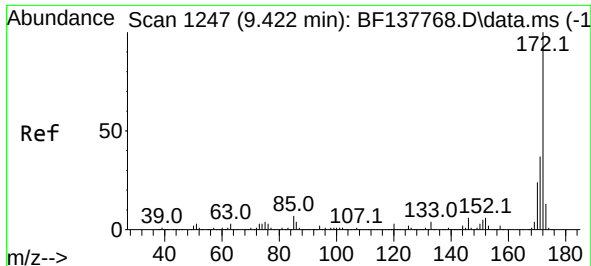


#42
2,4,6-Tribromophenol
Concen: 57.742 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07



Tgt Ion:330 Resp: 205164
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 64.811 ng

RT: 9.410 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137847.D

Acq: 07 May 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1407-CONCRETE

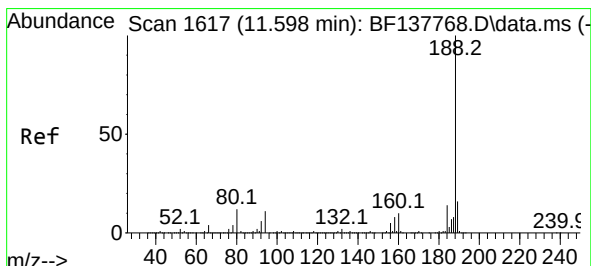
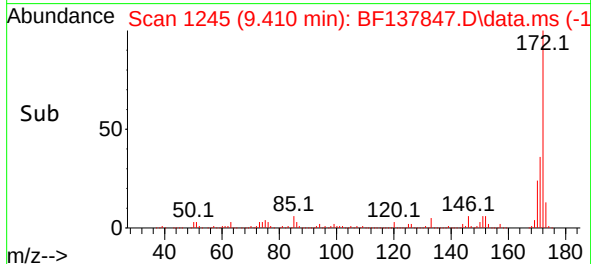
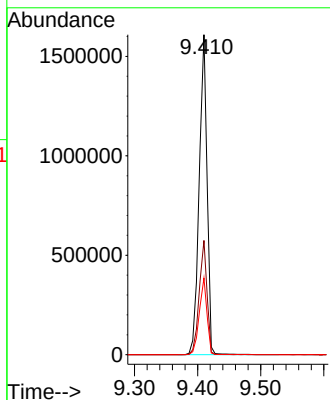
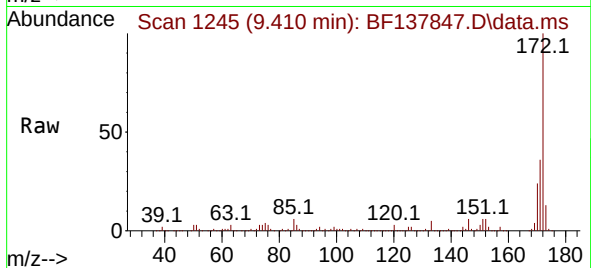
Tgt Ion:172 Resp: 1390189

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.9 19.4 29.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF137847.D

Acq: 07 May 2024 15:07

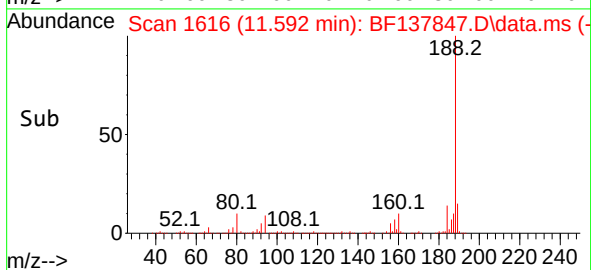
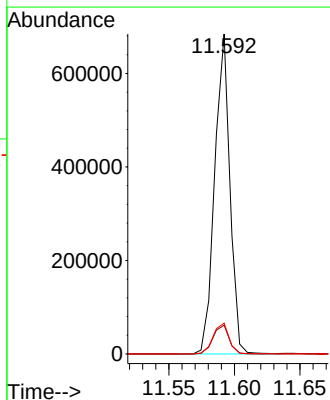
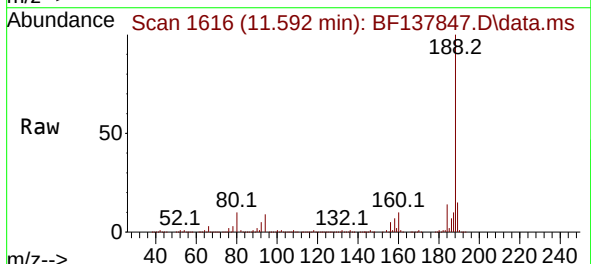
Tgt Ion:188 Resp: 551231

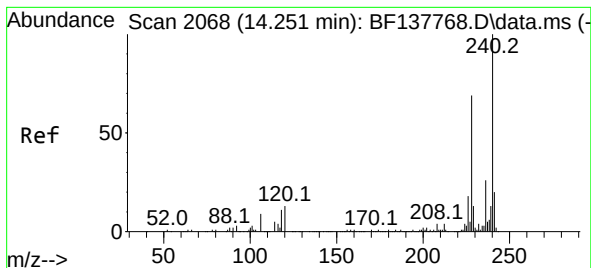
Ion Ratio Lower Upper

188 100

94 9.0 8.8 13.2

80 9.6 9.6 14.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137847.D

Acq: 07 May 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1407-CONCRETE

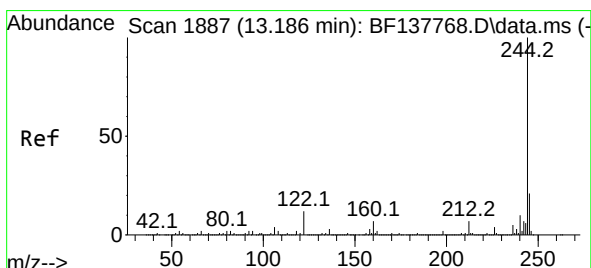
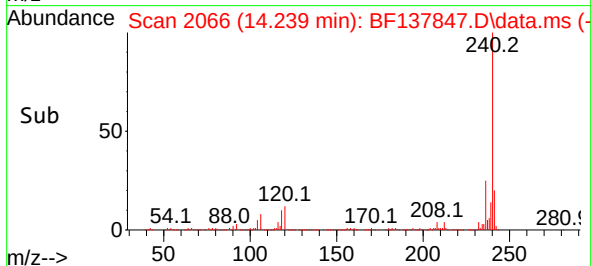
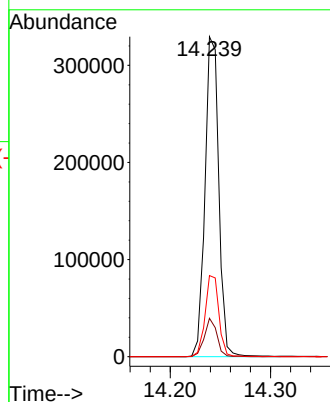
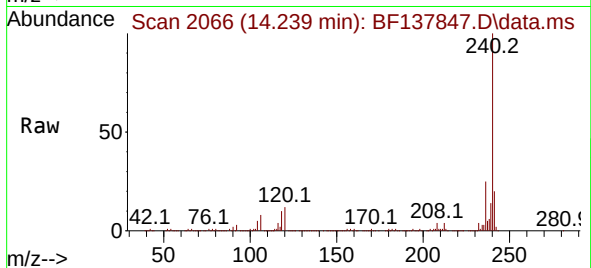
Tgt Ion:240 Resp: 317039

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.3 20.4 30.6



#79

Terphenyl-d14

Concen: 71.090 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137847.D

Acq: 07 May 2024 15:07

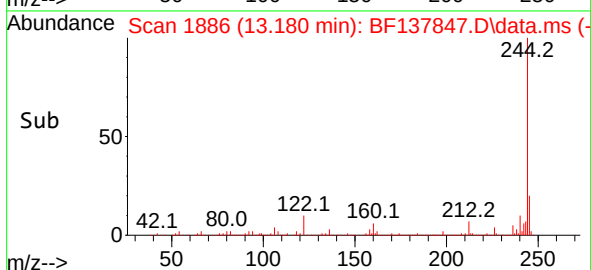
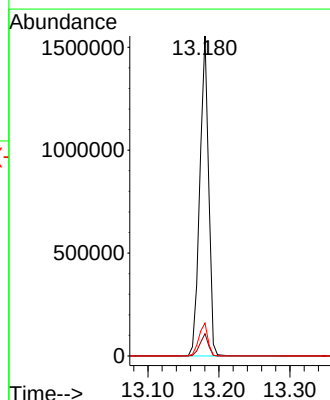
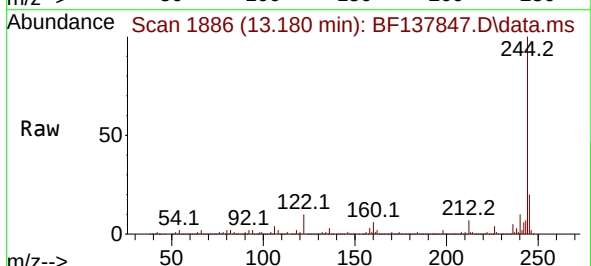
Tgt Ion:244 Resp: 1344879

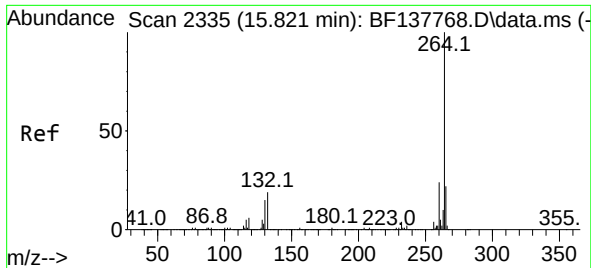
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.3 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137847.D
 Acq: 07 May 2024 15:07

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 308671
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.0 17.4 26.0

