

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139437.D
 Acq On : 18 Sep 2024 20:44
 Operator : RC/JU
 Sample : P4023-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-TP-9

Quant Time: Sep 19 01:29:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	65858	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	235066	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112290	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	168743	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119529	20.000	ng	0.00
86) Perylene-d12	15.498	264	93334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	268429	66.492	ng	0.00
7) Phenol-d6	6.504	99	455945	86.046	ng	0.00
23) Nitrobenzene-d5	7.440	82	334309	66.859	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	55492	46.419	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	585475	73.127	ng	0.00
79) Terphenyl-d14	12.980	244	463899	63.703	ng	0.00

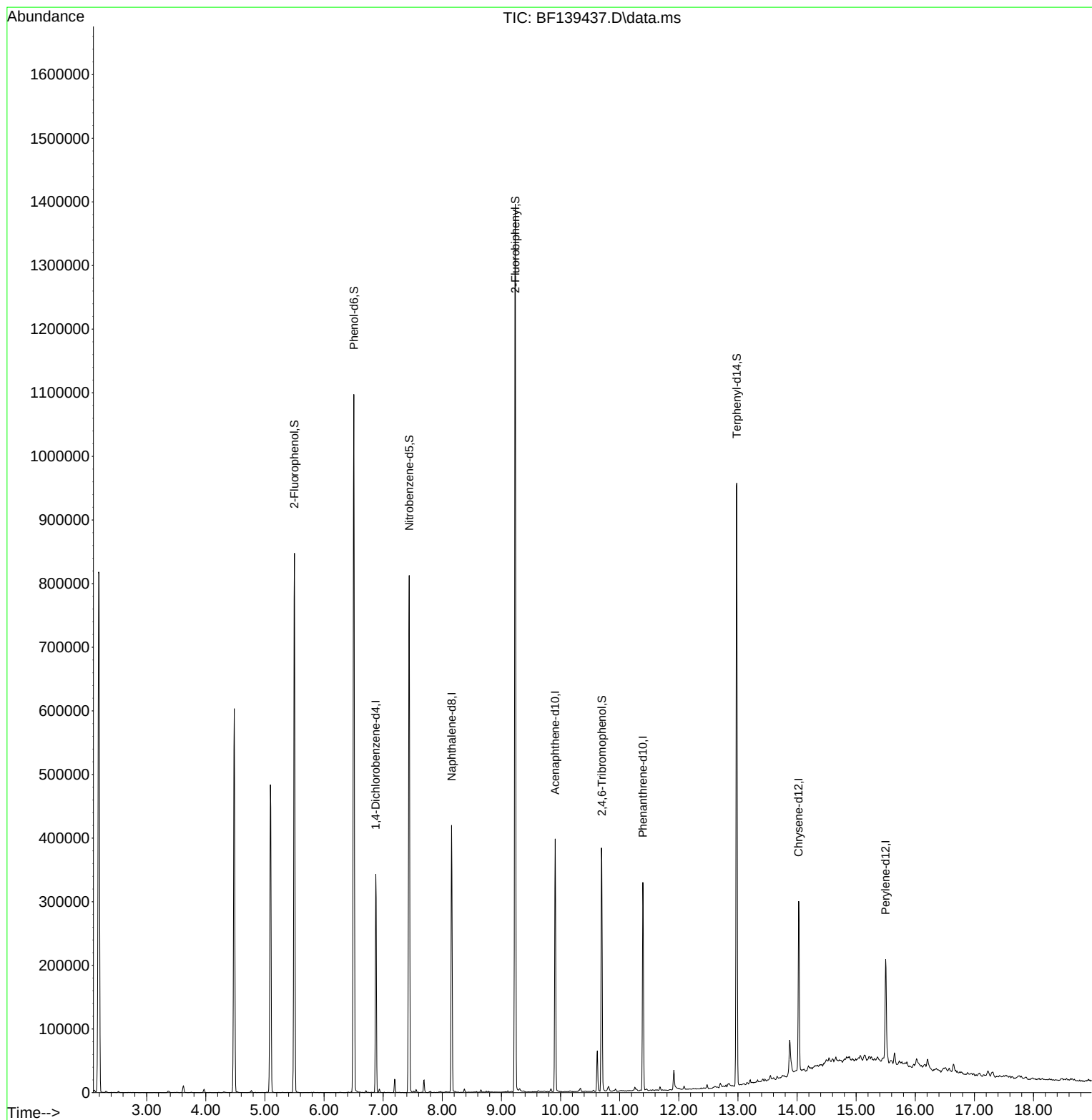
Target Compounds	Qvalue

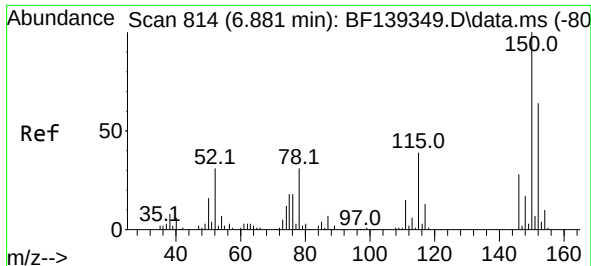
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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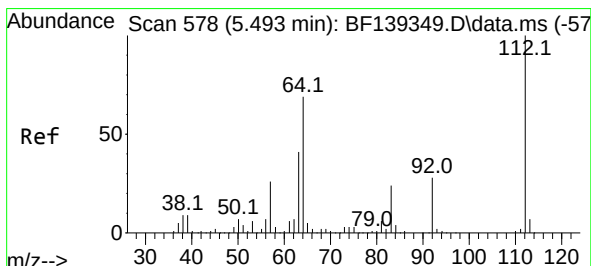
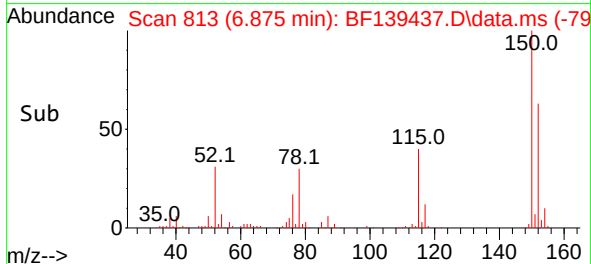
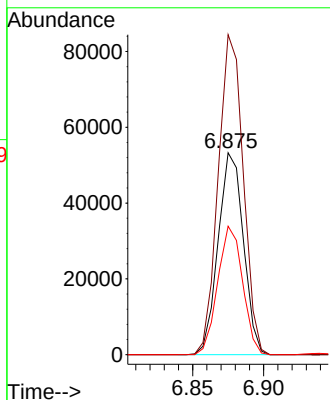
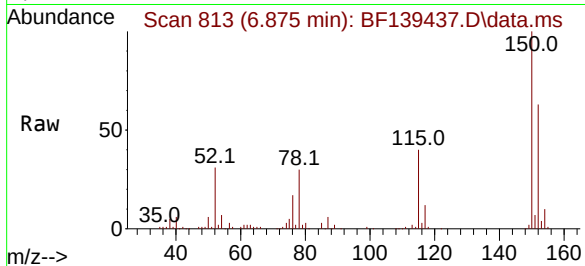




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

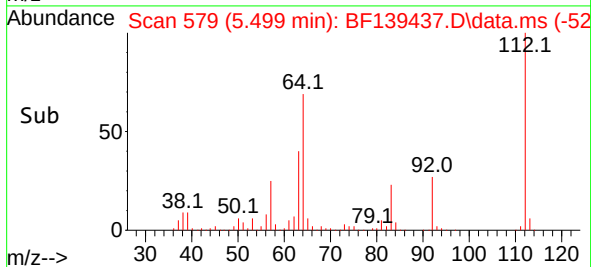
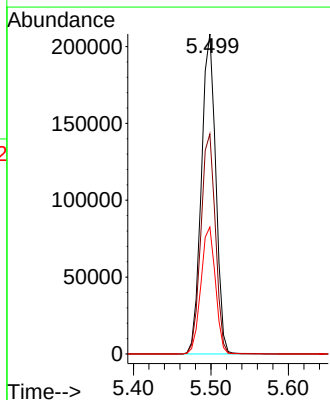
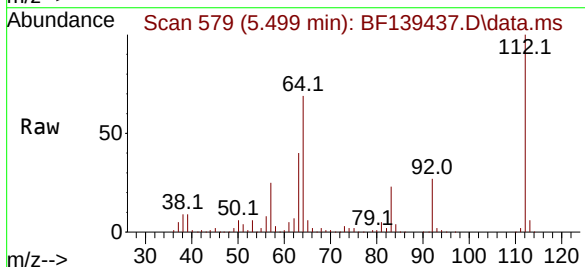
Instrument :
BNA_F
ClientSampleId :
CONCRETE-TP-9

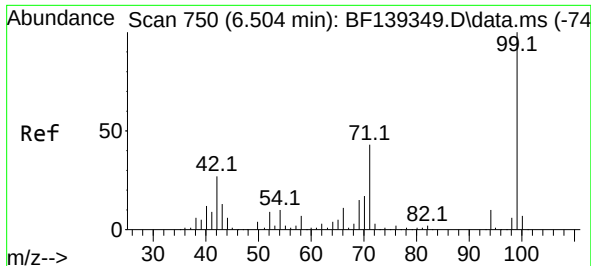
Tgt Ion:152 Resp: 65858
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 63.6 48.1 72.1



#5
2-Fluorophenol
Concen: 66.492 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

Tgt Ion:112 Resp: 268429
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 39.7 33.0 49.4

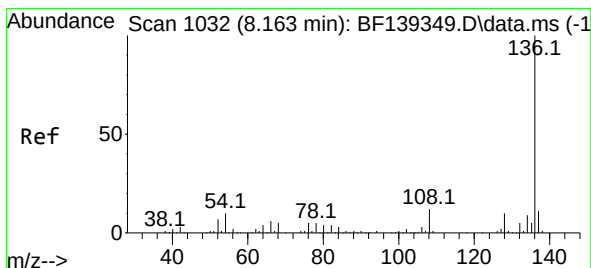
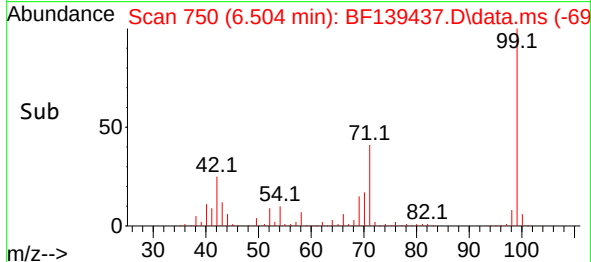
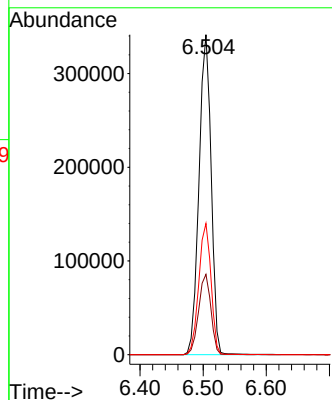
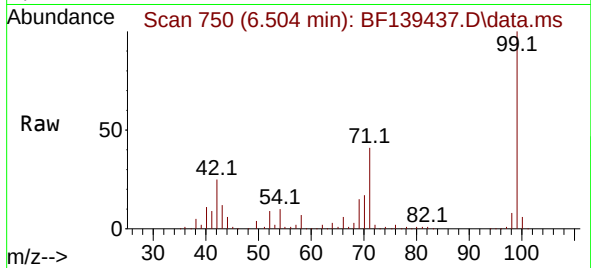




#7
Phenol-d6
Concen: 86.046 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

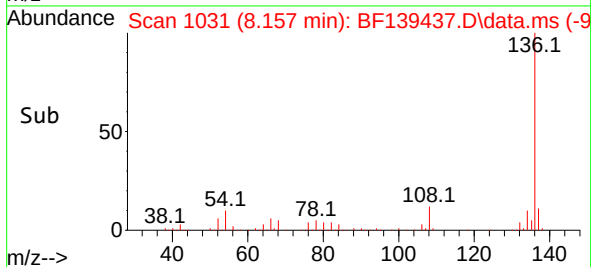
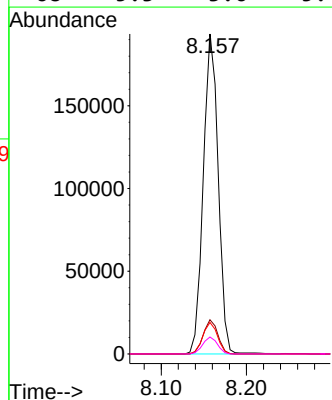
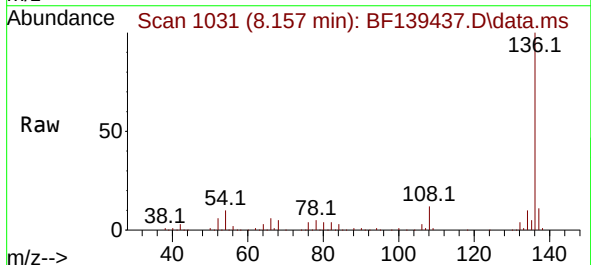
Instrument :
BNA_F
ClientSampleId :
CONCRETE-TP-9

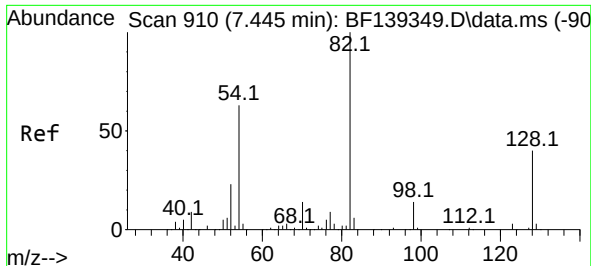
Tgt Ion: 99 Resp: 455945
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 41.0 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

Tgt Ion: 136 Resp: 235066
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.8 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 66.859 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139437.D

Acq: 18 Sep 2024 20:44

Instrument :

BNA_F

ClientSampleId :

CONCRETE-TP-9

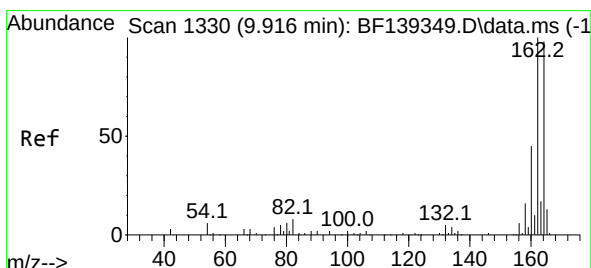
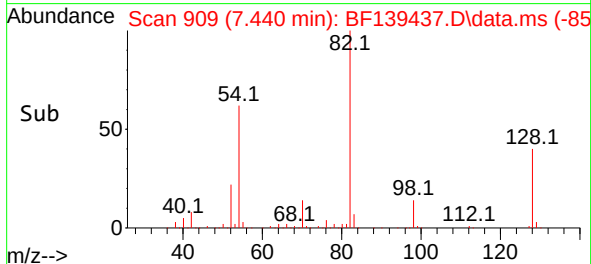
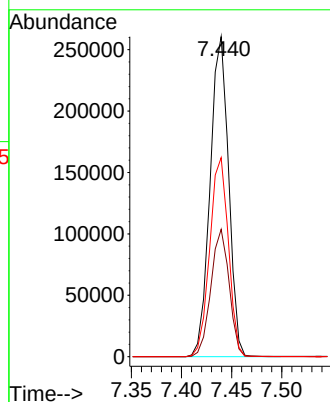
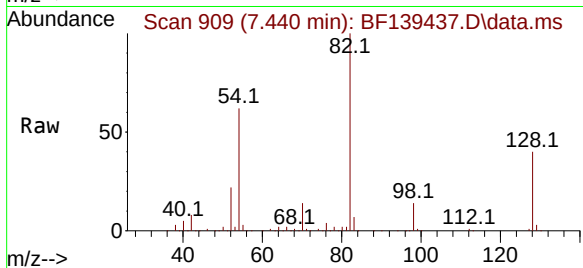
Tgt Ion: 82 Resp: 334309

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.2 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139437.D

Acq: 18 Sep 2024 20:44

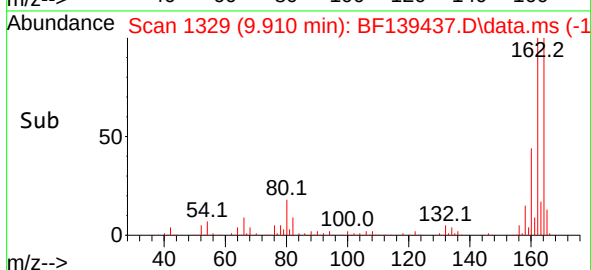
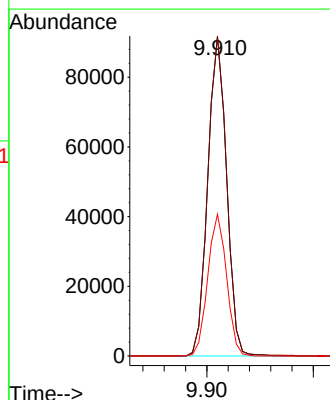
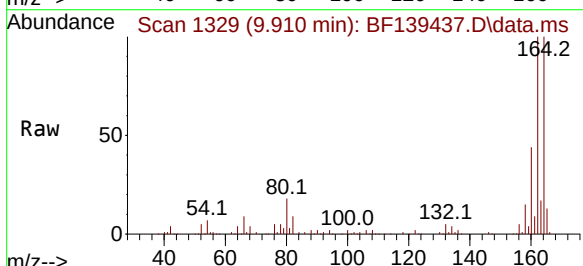
Tgt Ion:164 Resp: 112290

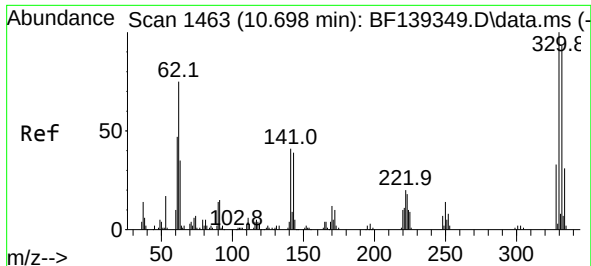
Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 44.3 36.4 54.6

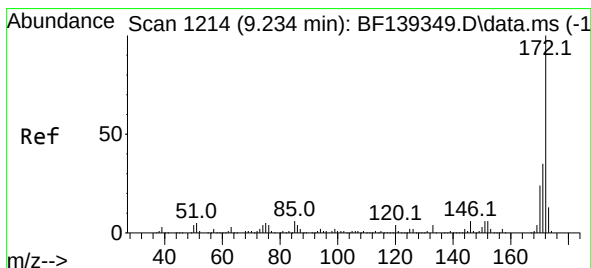
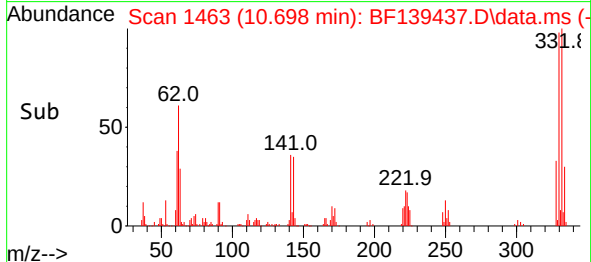
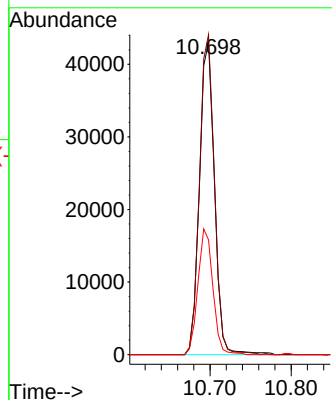
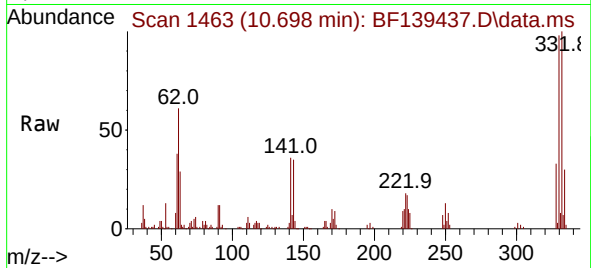




#42
2,4,6-Tribromophenol
Concen: 46.419 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

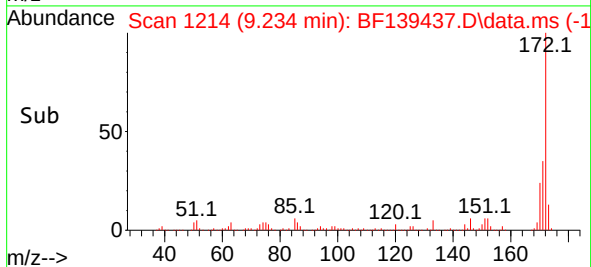
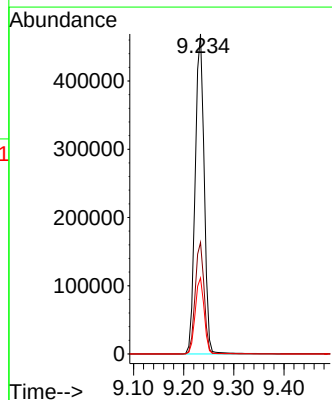
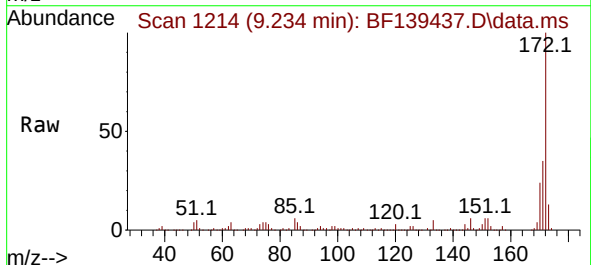
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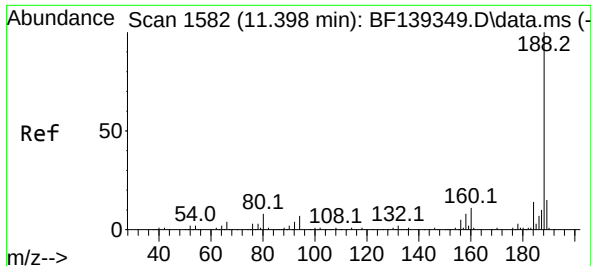
Tgt Ion:330 Resp: 55492
Ion Ratio Lower Upper
330 100
332 101.4 75.2 112.8
141 40.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 73.127 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

Tgt Ion:172 Resp: 585475
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.8 19.0 28.6

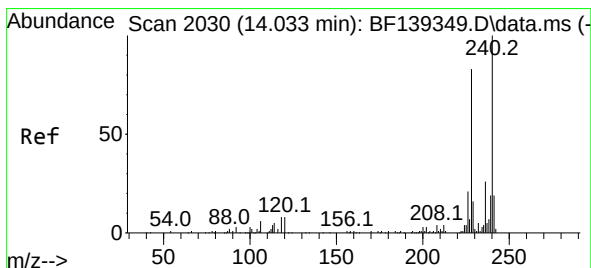
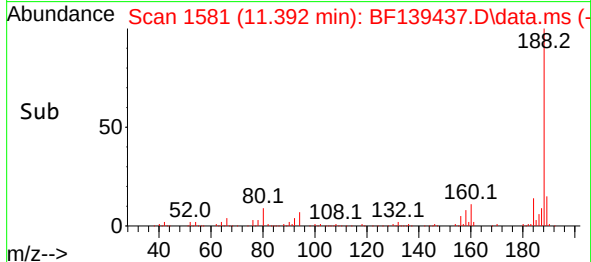
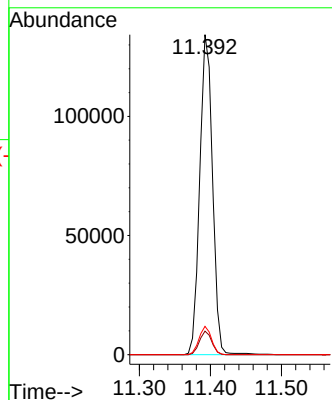
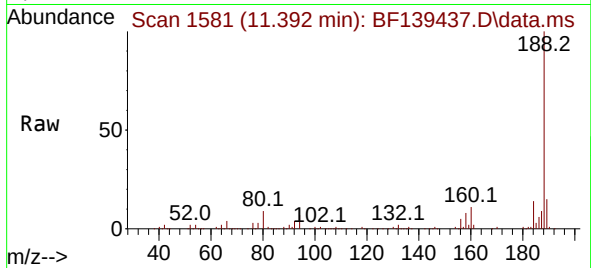




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

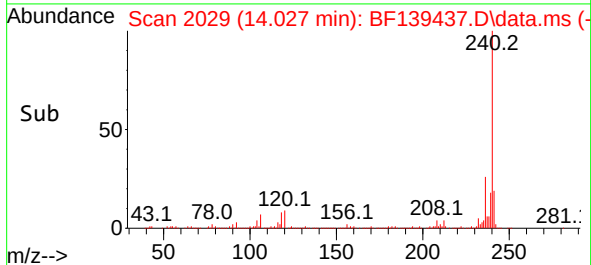
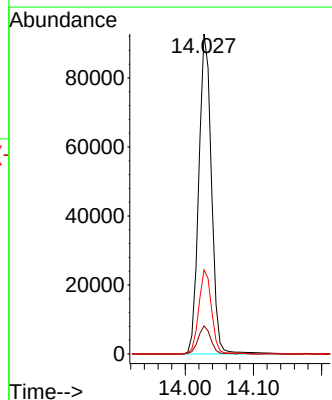
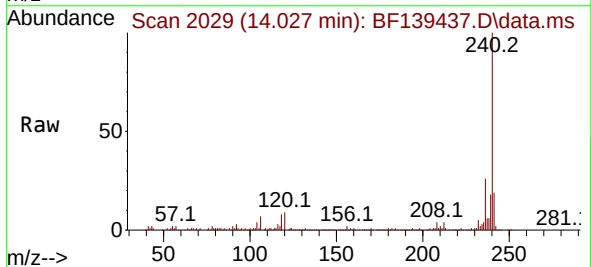
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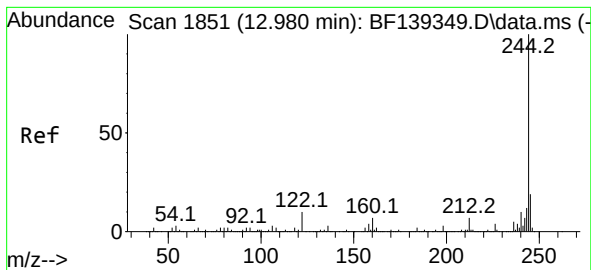
Tgt Ion:188 Resp: 168743
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139437.D
Acq: 18 Sep 2024 20:44

Tgt Ion:240 Resp: 119529
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 63.703 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139437.D

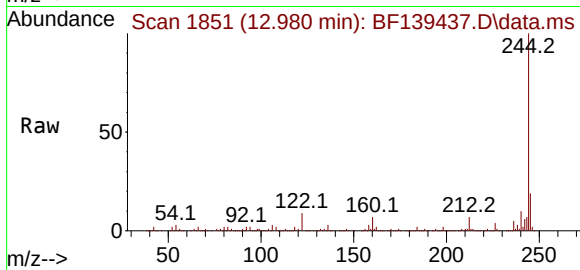
Acq: 18 Sep 2024 20:44

Instrument :

BNA_F

ClientSampleId :

CONCRETE-TP-9



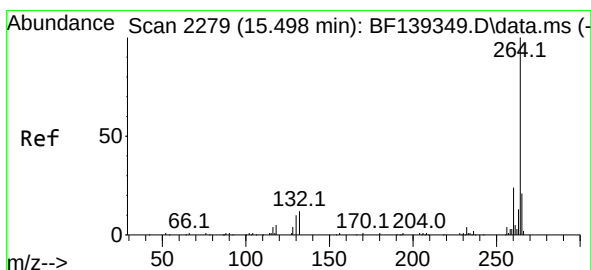
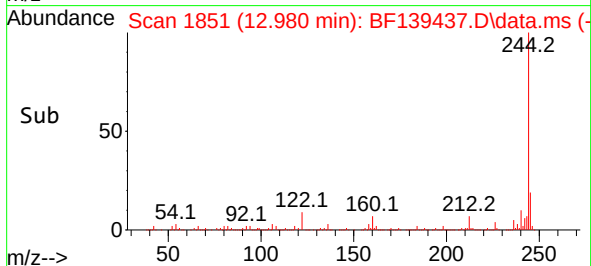
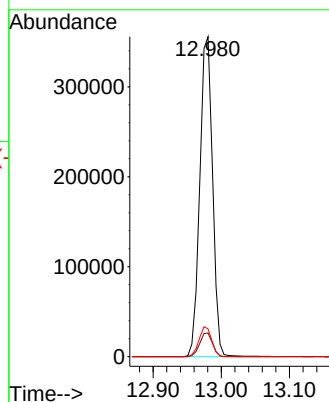
Tgt Ion:244 Resp: 463899

Ion	Ratio	Lower	Upper
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244	100		
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212	7.4	6.0	9.0
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122	8.7	7.6	11.4
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139437.D

Acq: 18 Sep 2024 20:44

Tgt Ion:264 Resp: 93334

Ion	Ratio	Lower	Upper
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264	100		
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260	23.0	19.5	29.3
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265	21.5	16.6	25.0
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