

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139792.D
 Acq On : 14 Oct 2024 16:58
 Operator : RC/JU
 Sample : P4375-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-11

Quant Time: Oct 14 17:33:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85252	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	333479	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	188237	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	360517	20.000	ng	0.00
76) Chrysene-d12	14.027	240	216064	20.000	ng	0.00
86) Perylene-d12	15.498	264	150218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	391910	79.679	ng	0.00
7) Phenol-d6	6.498	99	596097	90.120	ng	0.00
23) Nitrobenzene-d5	7.422	82	418547	63.546	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	122024	67.152	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	799312	65.189	ng	-0.01
79) Terphenyl-d14	12.969	244	926068	70.327	ng	-0.01

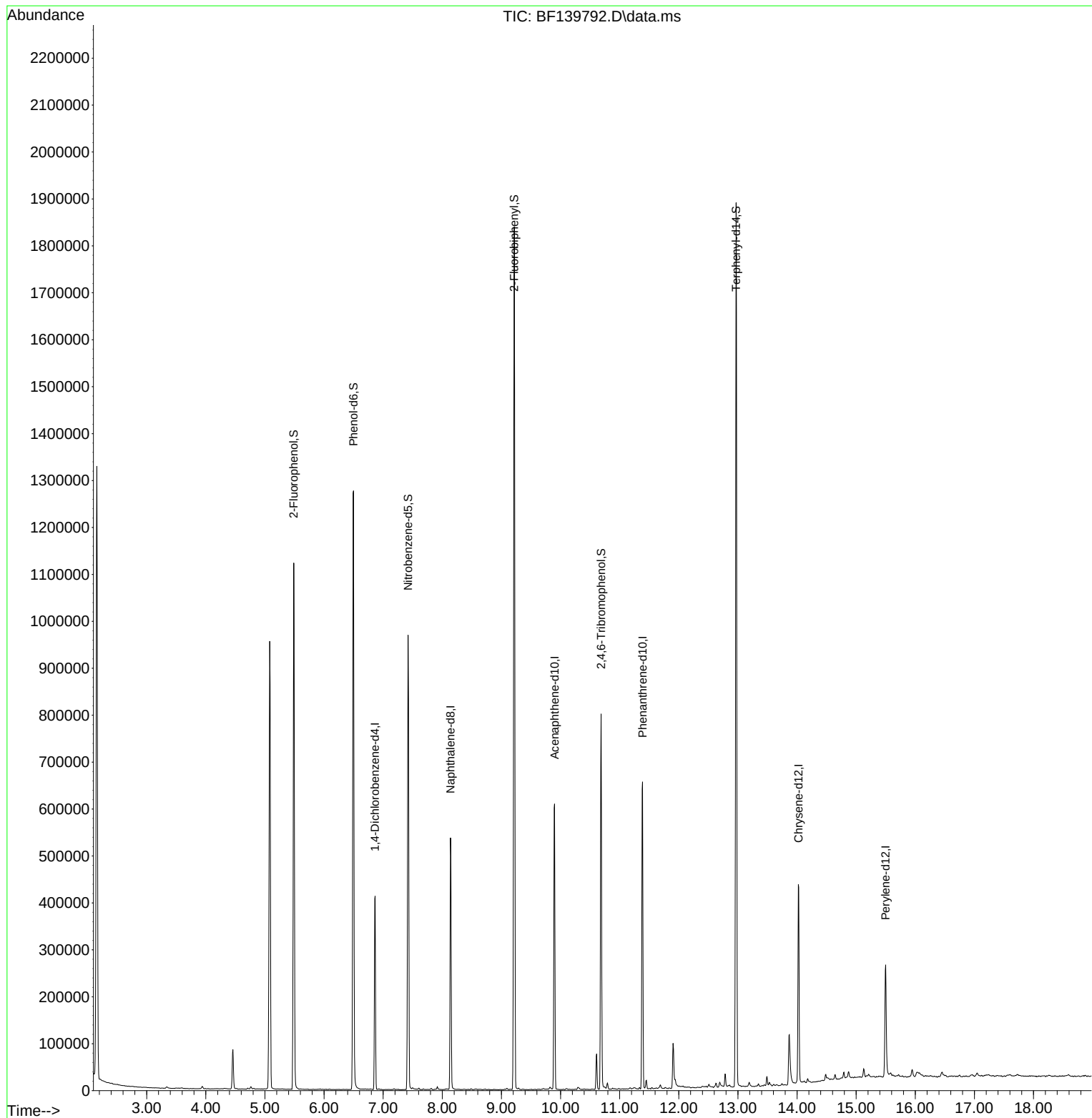
Target Compounds	Qvalue

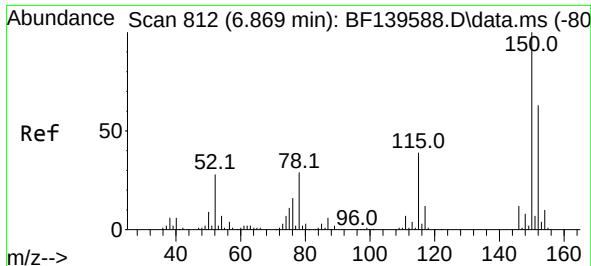
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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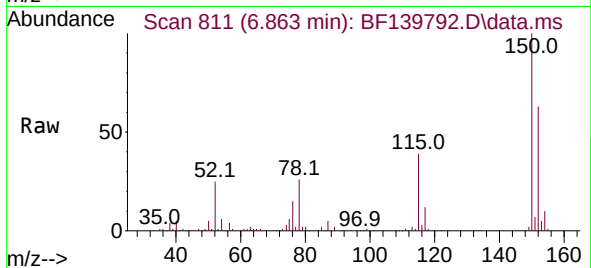
Quant Time: Oct 14 17:33:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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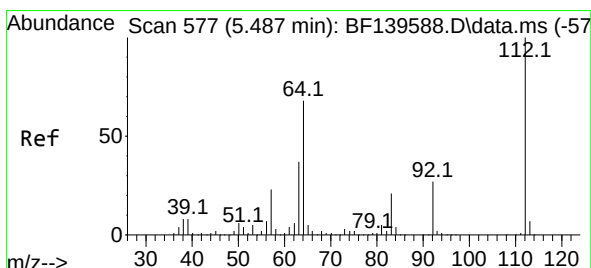
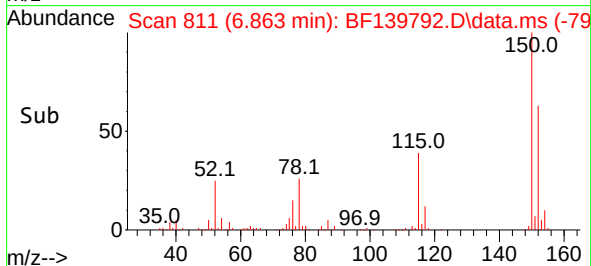
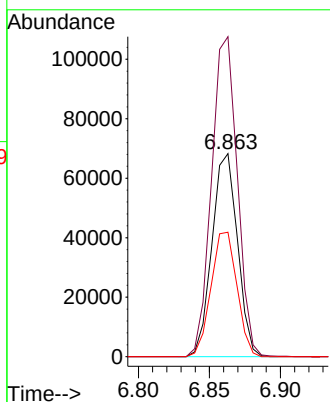


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

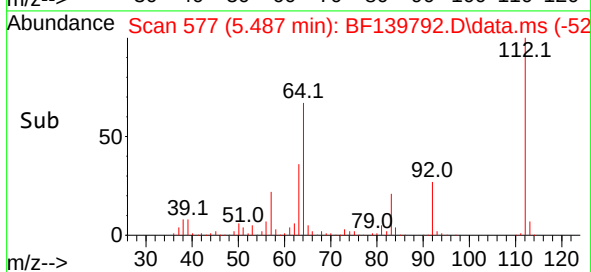
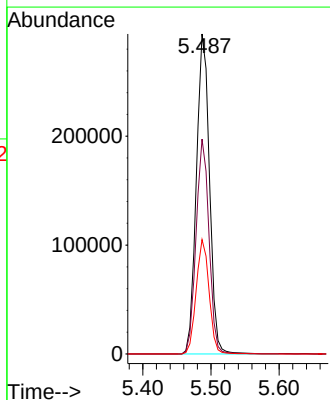
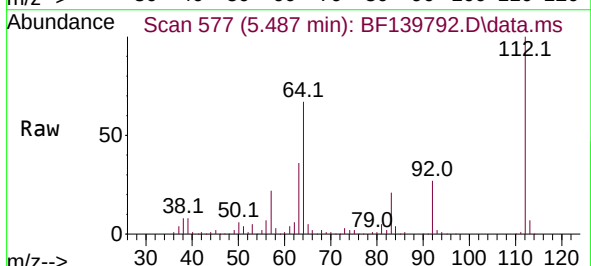


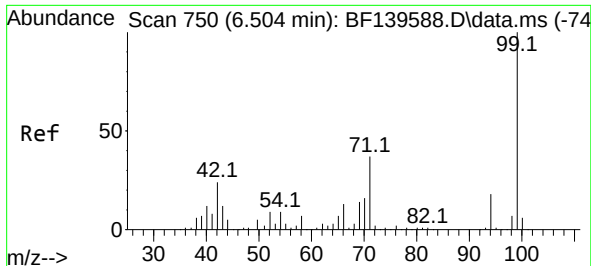
Tgt Ion:152 Resp: 85252
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 79.679 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:112 Resp: 391910
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 35.8 29.4 44.2

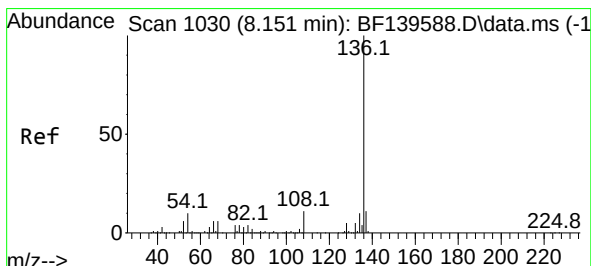
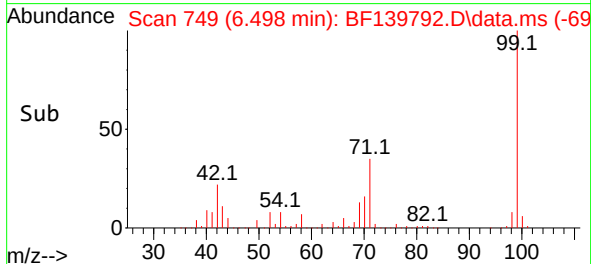
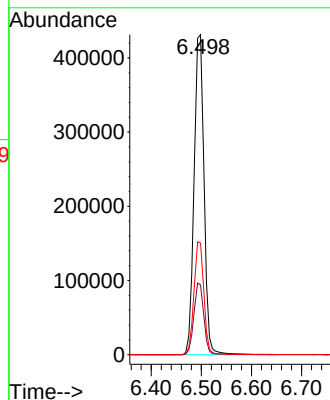
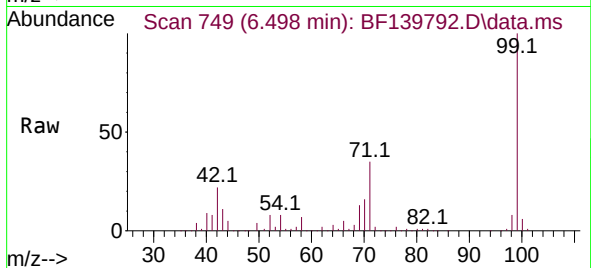




#7
Phenol-d6
Concen: 90.120 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

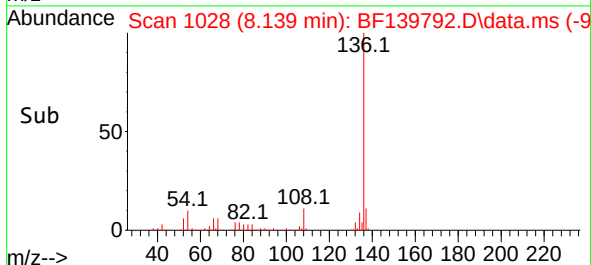
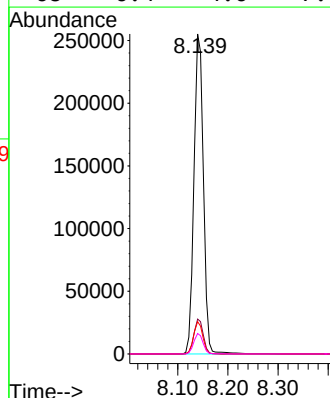
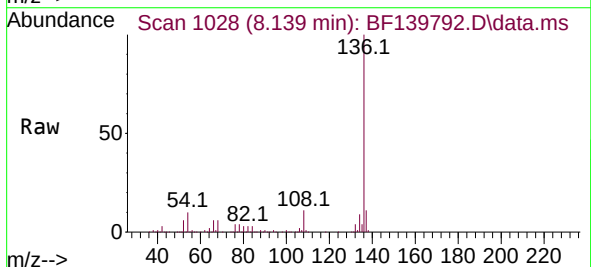
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

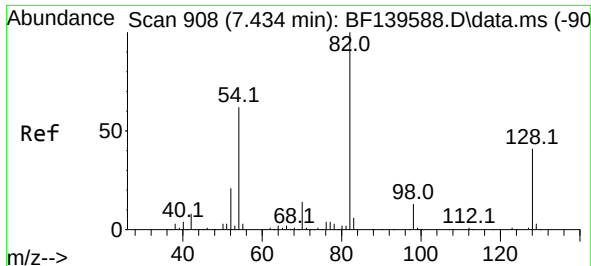
Tgt Ion: 99 Resp: 596097
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.9 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion: 136 Resp: 333479
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.3 12.5
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 63.546 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11

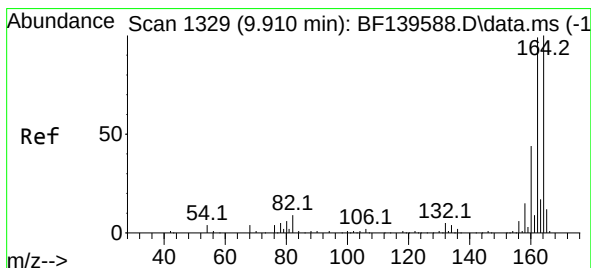
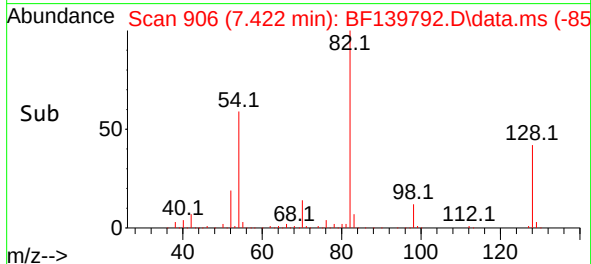
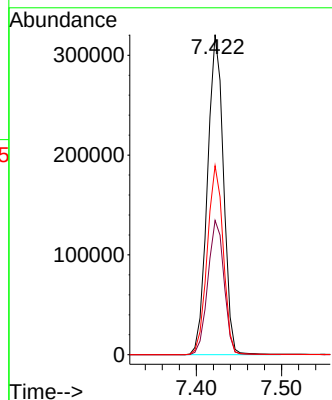
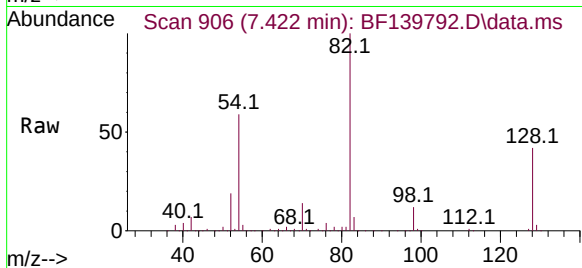
Tgt Ion: 82 Resp: 418547

Ion Ratio Lower Upper

82 100

128 41.9 32.4 48.6

54 59.0 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

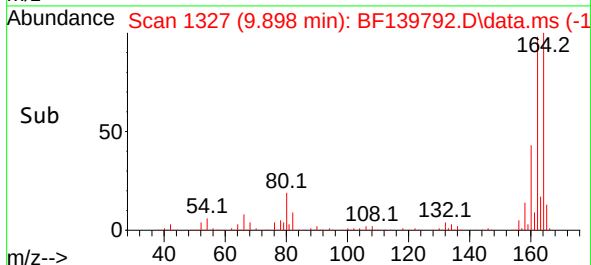
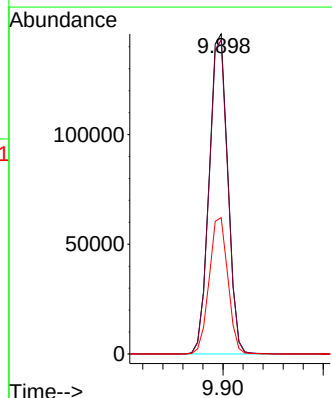
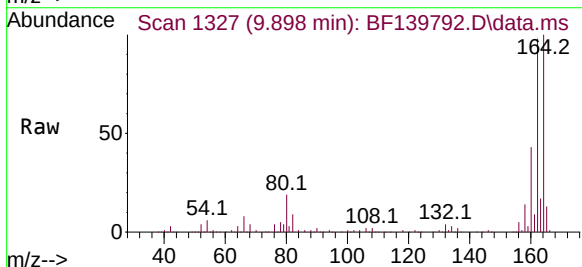
Tgt Ion:164 Resp: 188237

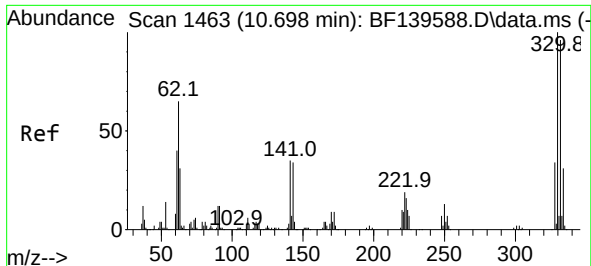
Ion Ratio Lower Upper

164 100

162 98.1 79.4 119.0

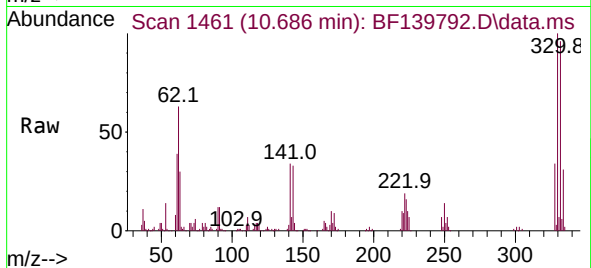
160 42.6 35.1 52.7



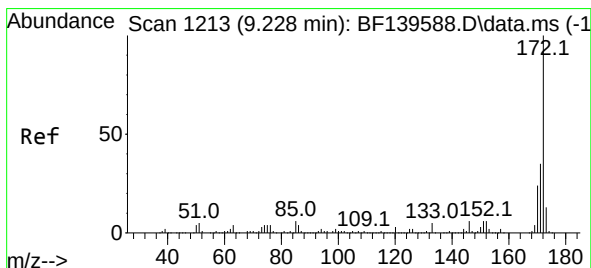
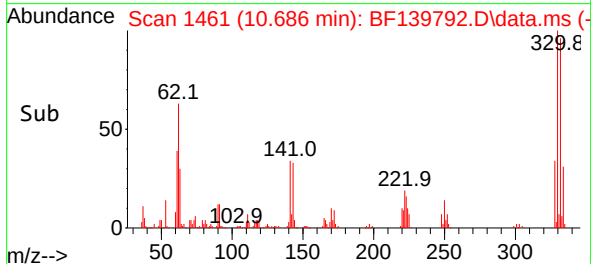
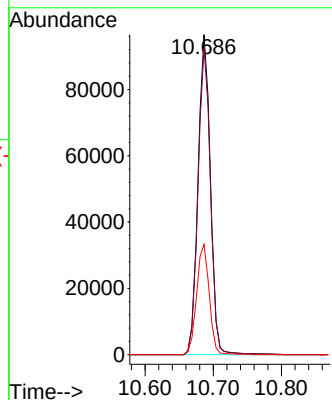


#42
2,4,6-Tribromophenol
Concen: 67.152 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

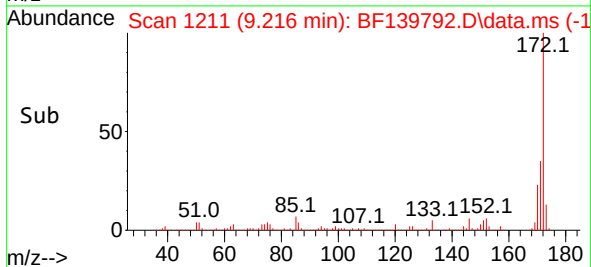
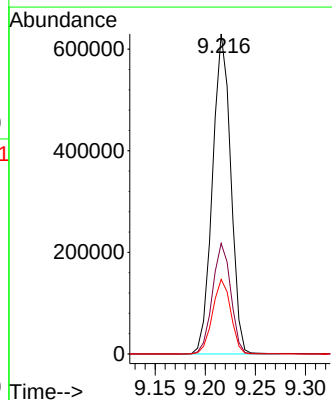
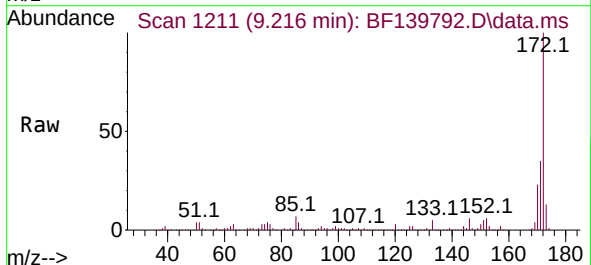


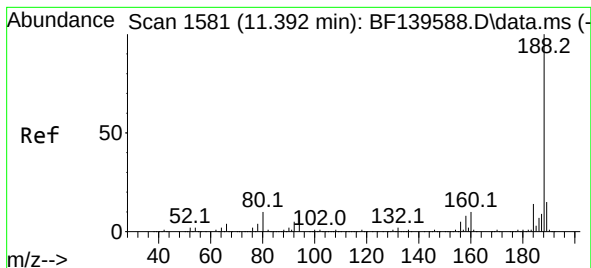
Tgt Ion:330 Resp: 122024
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 65.189 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:172 Resp: 799312
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11

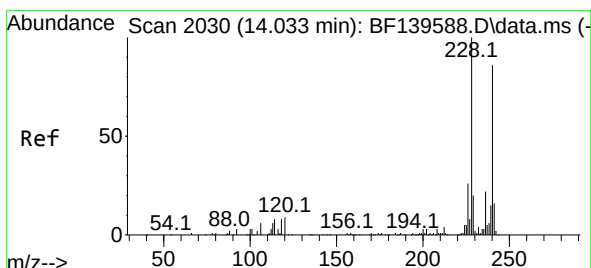
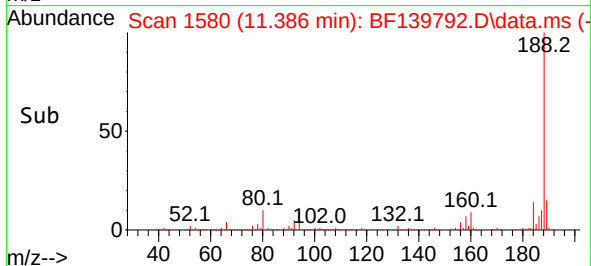
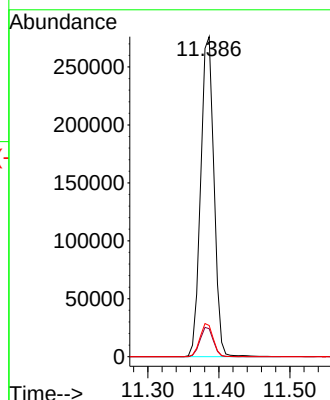
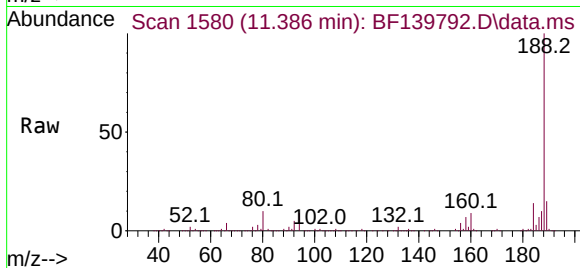
Tgt Ion:188 Resp: 360517

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.8 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

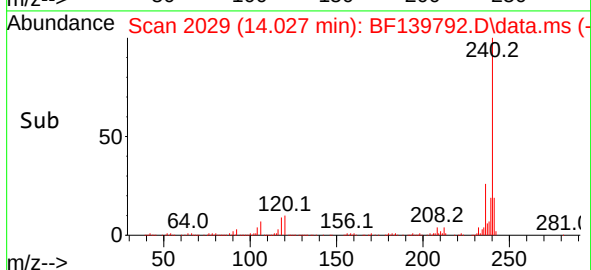
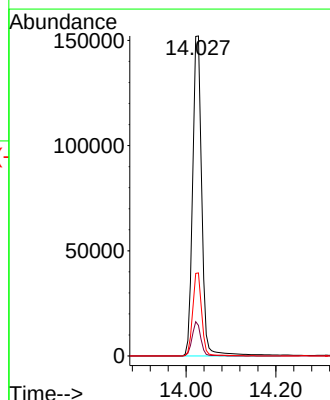
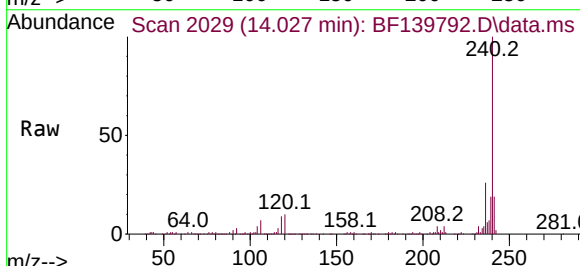
Tgt Ion:240 Resp: 216064

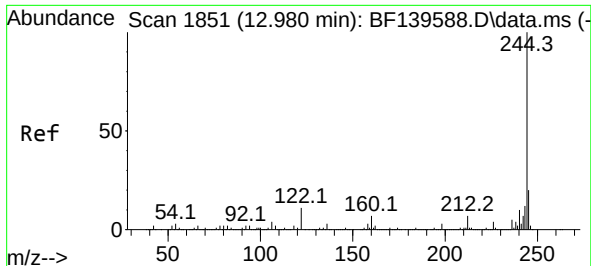
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

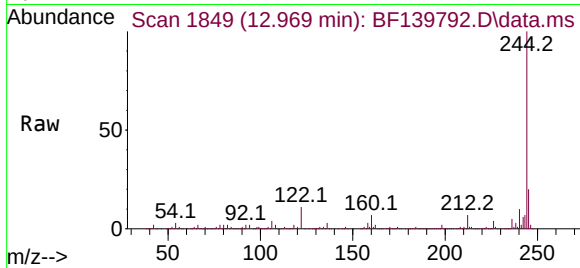
236 26.0 20.3 30.5



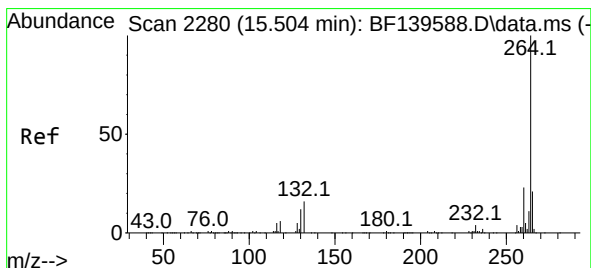
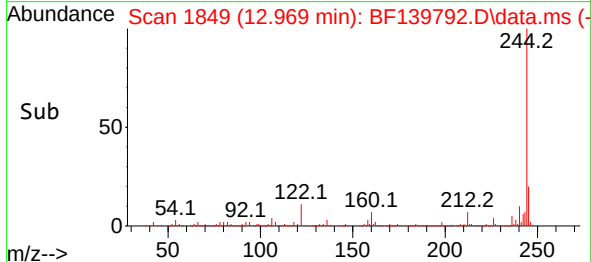
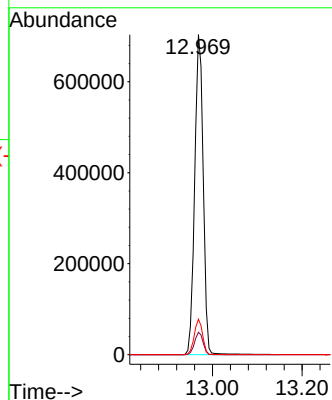


#79
Terphenyl-d14
Concen: 70.327 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Instrument :
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CONCRETE-PADS-11



Tgt Ion:244 Resp: 926068
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:264 Resp: 150218
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 20.9 16.9 25.3

