

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139793.D
 Acq On : 14 Oct 2024 17:27
 Operator : RC/JU
 Sample : P4375-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-1

Quant Time: Oct 14 17:49:04 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	91466	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	354073	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	204434	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	401940	20.000	ng	0.00
76) Chrysene-d12	14.027	240	221939	20.000	ng	0.00
86) Perylene-d12	15.498	264	157006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	350911	66.496	ng	0.00
7) Phenol-d6	6.492	99	514861	72.550	ng	-0.01
23) Nitrobenzene-d5	7.422	82	367524	52.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	108919	55.191	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	722180	54.232	ng	-0.01
79) Terphenyl-d14	12.968	244	848793	62.753	ng	-0.01

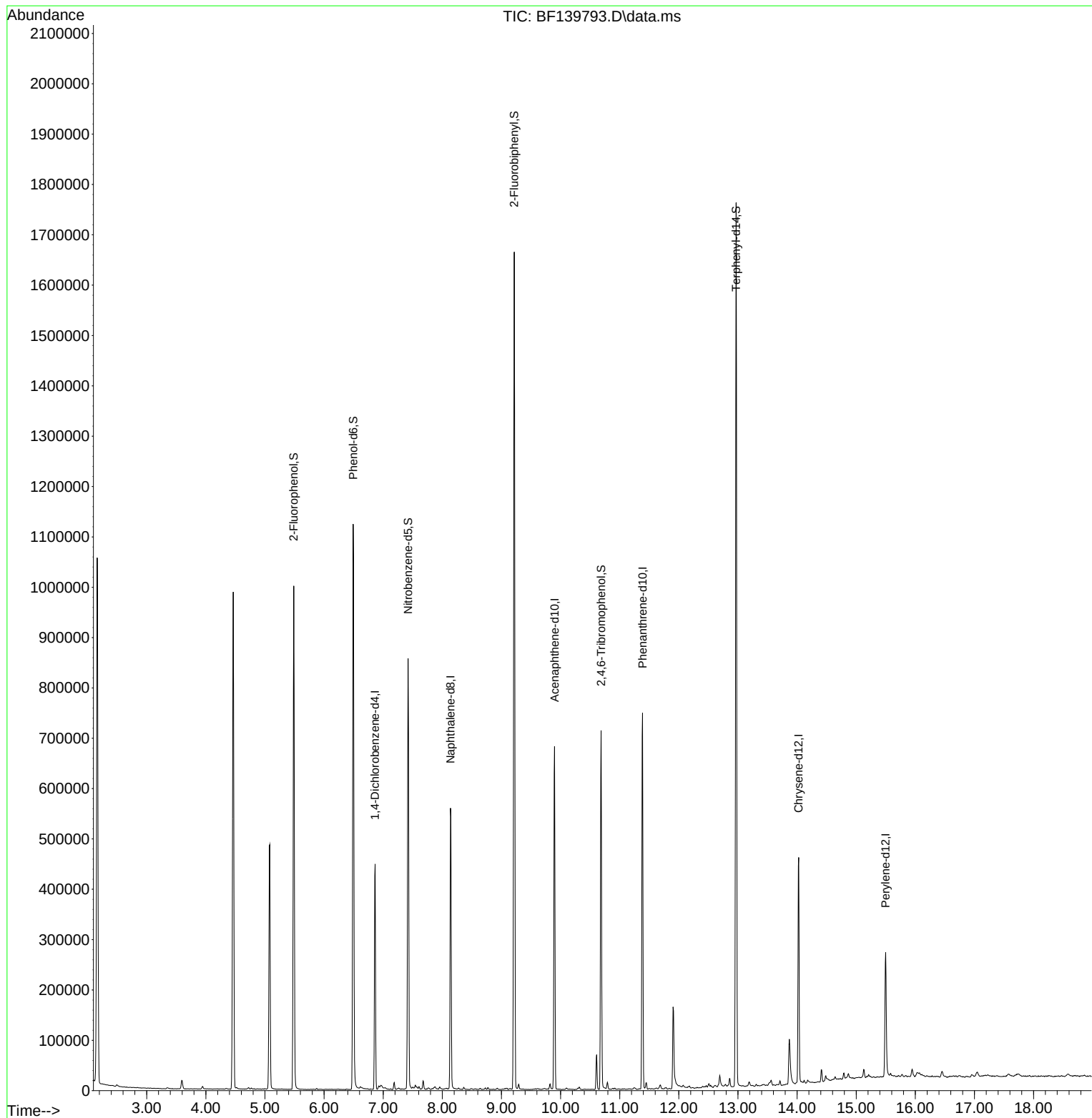
Target Compounds	Qvalue

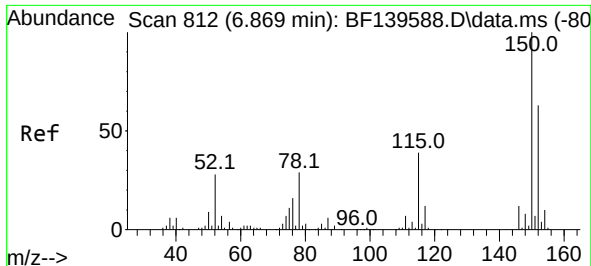
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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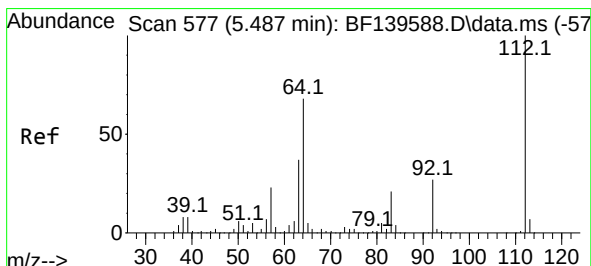
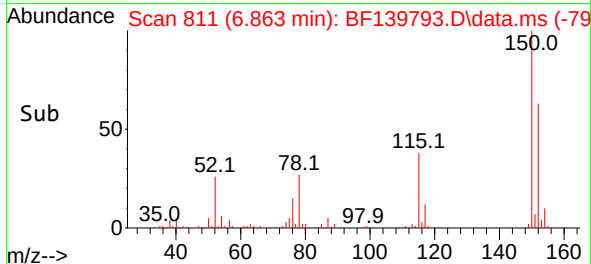
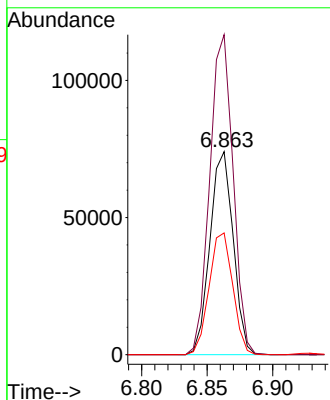
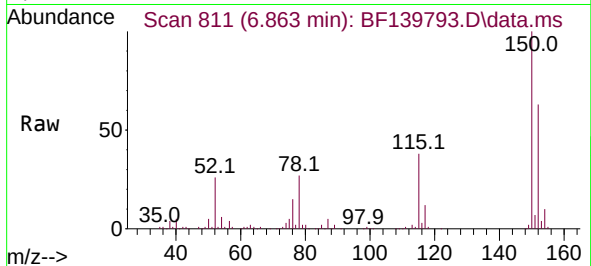




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139793.D
Acq: 14 Oct 2024 17:27

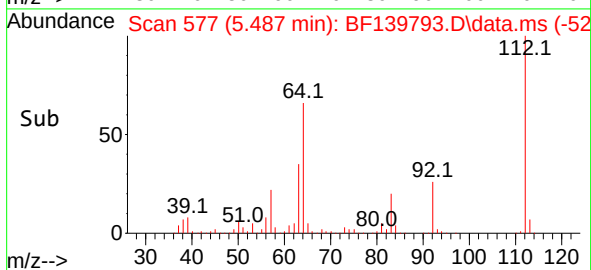
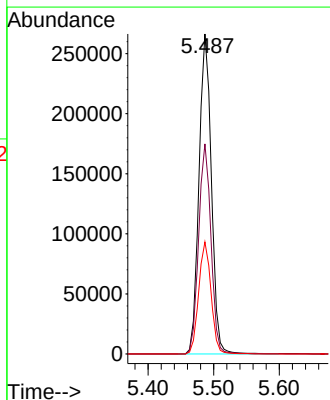
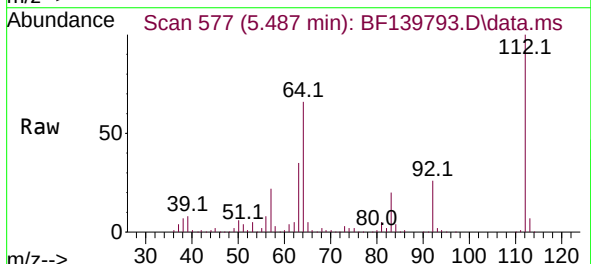
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

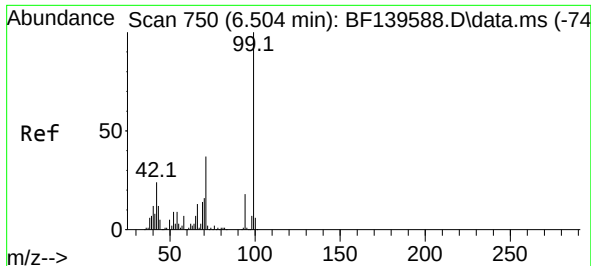
Tgt Ion:152 Resp: 91466
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 66.496 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139793.D
Acq: 14 Oct 2024 17:27

Tgt Ion:112 Resp: 350911
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 35.0 29.4 44.2

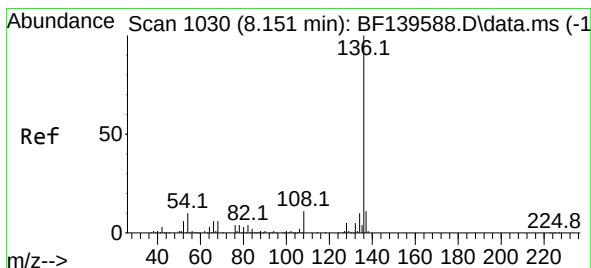
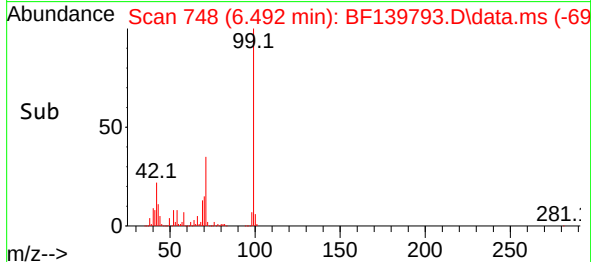
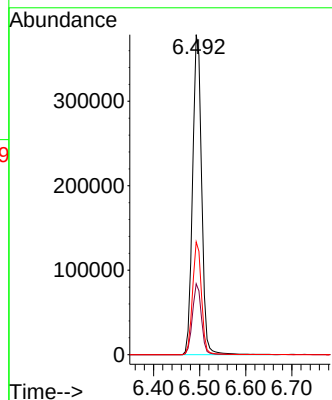
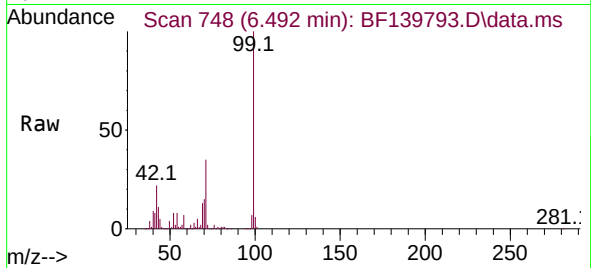




#7
Phenol-d6
Concen: 72.550 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139793.D
Acq: 14 Oct 2024 17:27

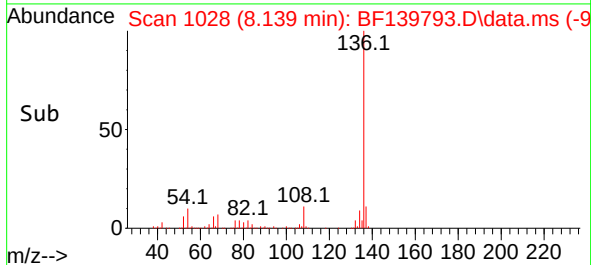
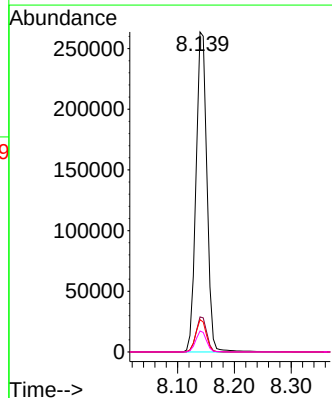
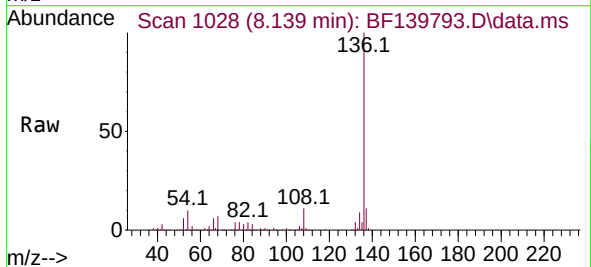
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

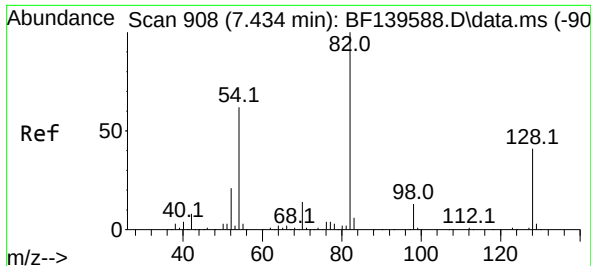
Tgt Ion: 99 Resp: 514861
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.3 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139793.D
Acq: 14 Oct 2024 17:27

Tgt Ion: 136 Resp: 354073
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.3 12.5
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 52.554 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139793.D

Acq: 14 Oct 2024 17:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-1

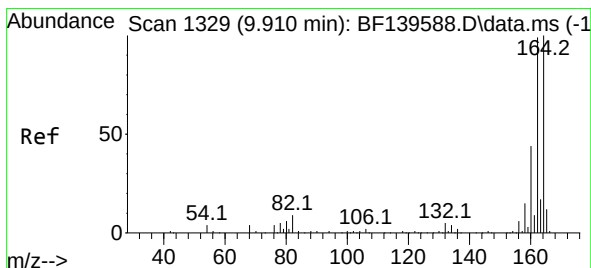
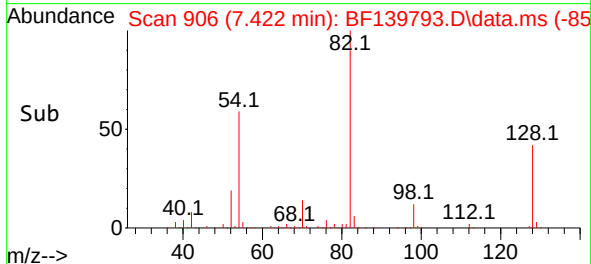
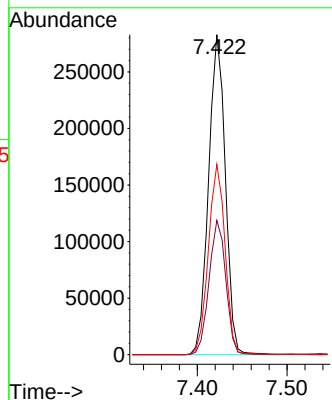
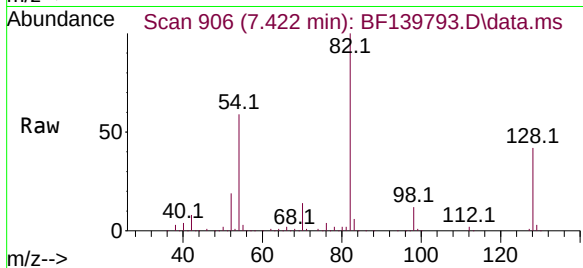
Tgt Ion: 82 Resp: 367524

Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 59.4 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: BF139793.D

Acq: 14 Oct 2024 17:27

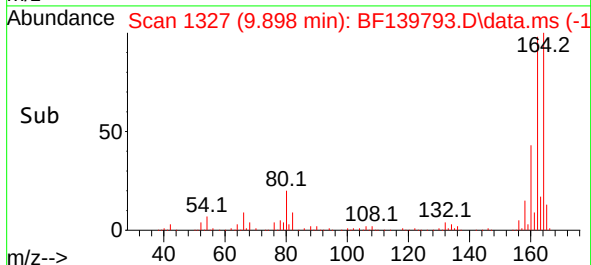
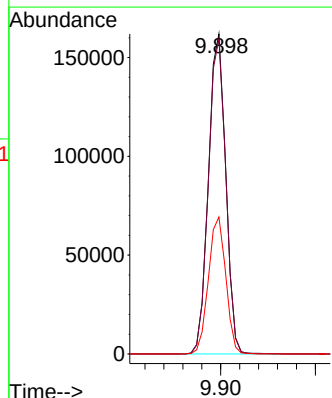
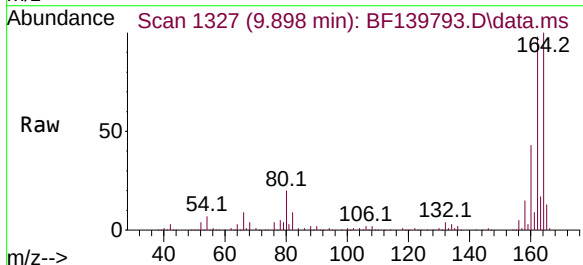
Tgt Ion:164 Resp: 204434

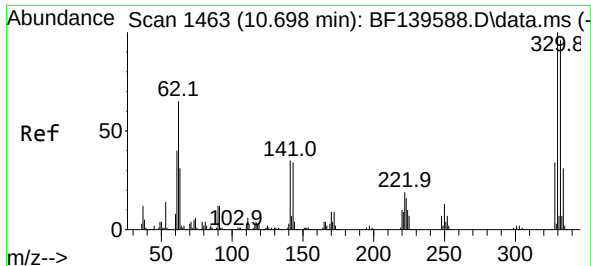
Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

160 42.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 55.191 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139793.D

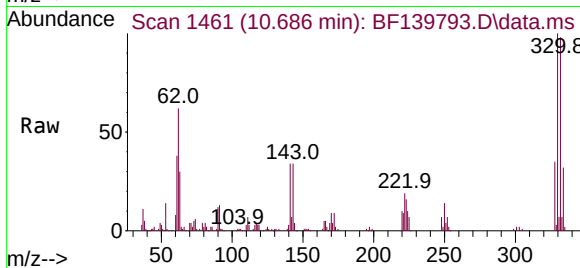
Acq: 14 Oct 2024 17:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-1



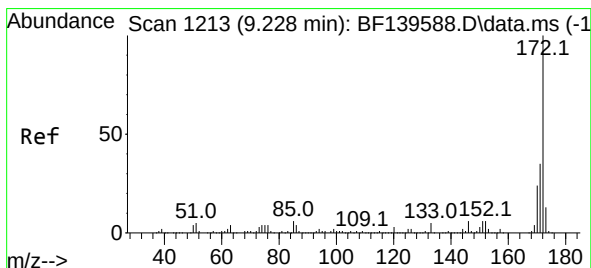
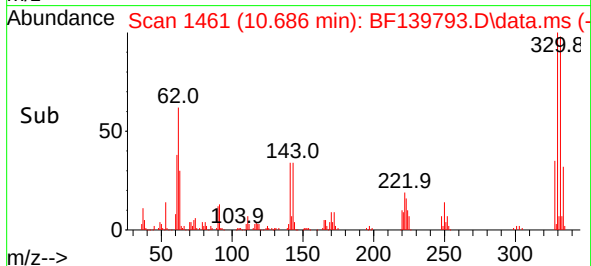
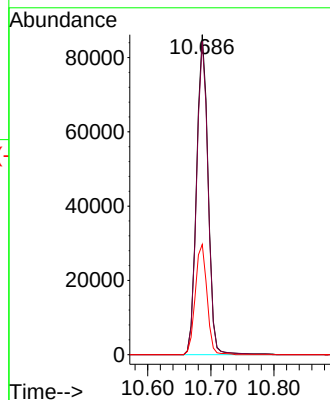
Tgt Ion:330 Resp: 108919

Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

141 35.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 54.232 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139793.D

Acq: 14 Oct 2024 17:27

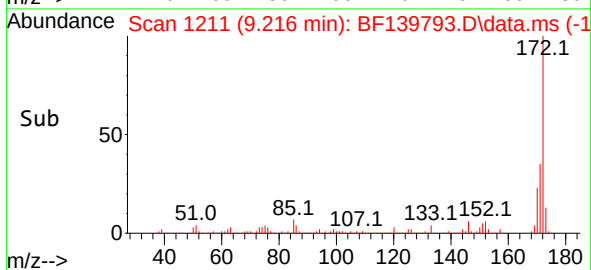
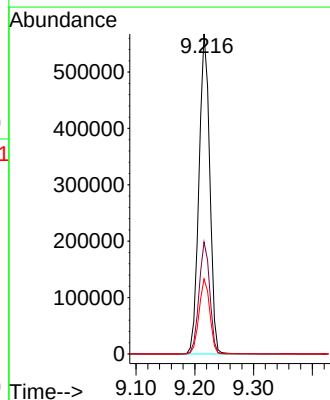
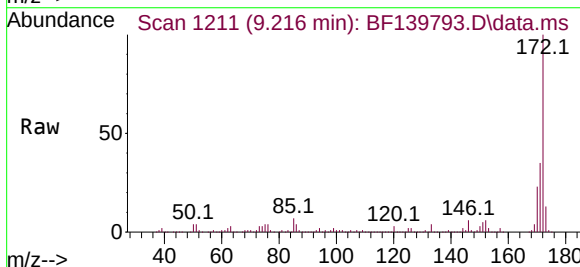
Tgt Ion:172 Resp: 722180

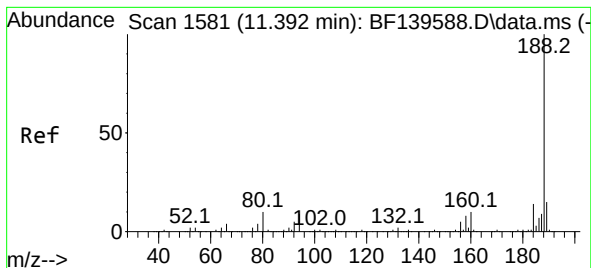
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.5 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: BF139793.D

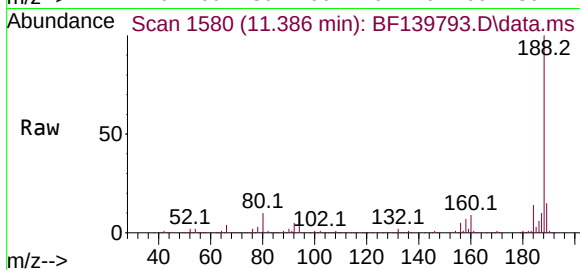
Acq: 14 Oct 2024 17:27

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-1



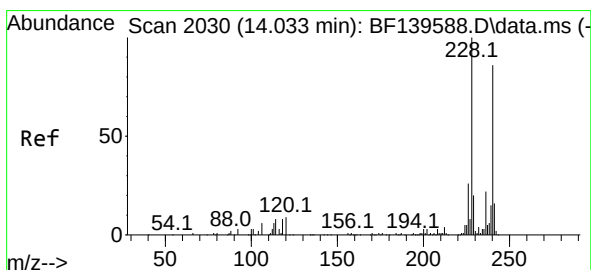
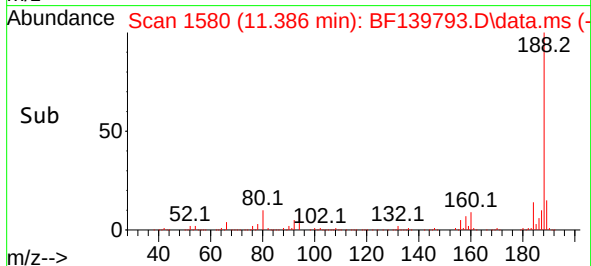
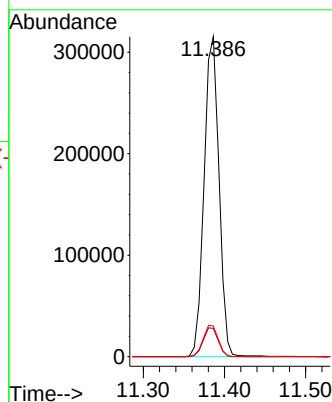
Tgt Ion:188 Resp: 401940

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.6 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: BF139793.D

Acq: 14 Oct 2024 17:27

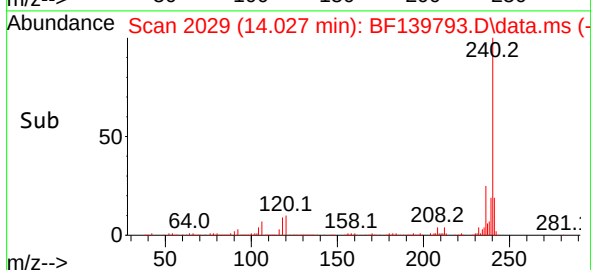
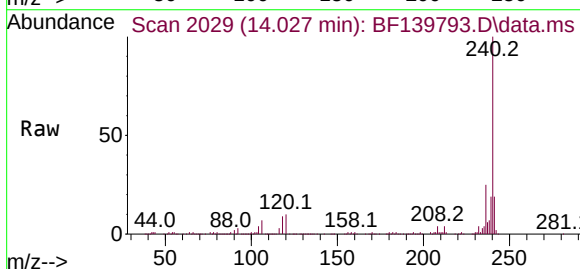
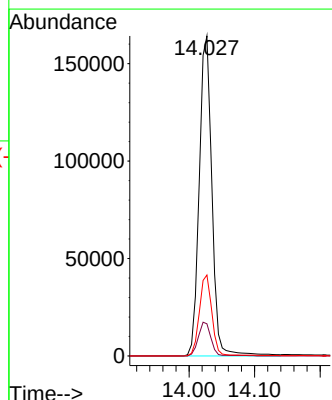
Tgt Ion:240 Resp: 221939

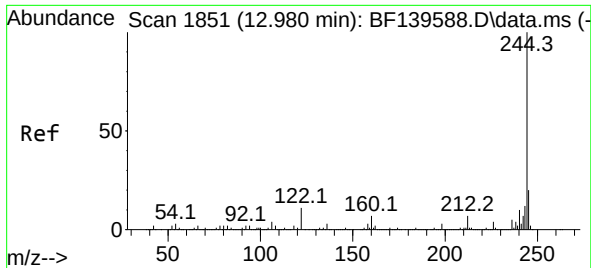
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

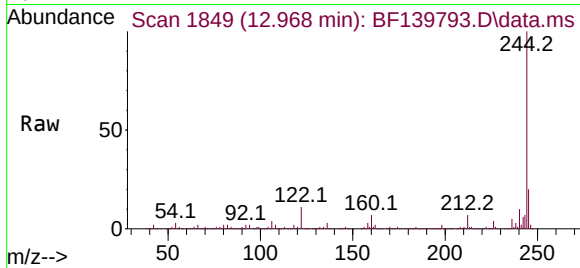
236 25.3 20.3 30.5



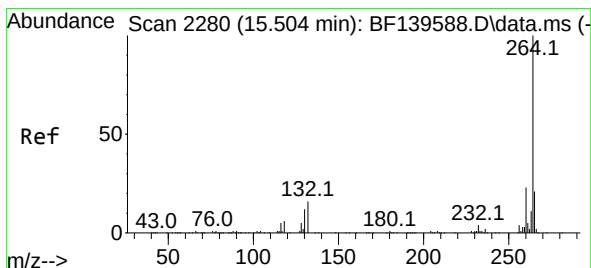
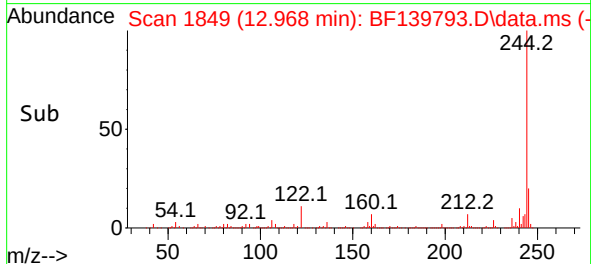
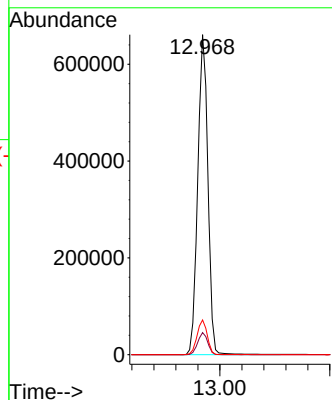


#79
Terphenyl-d14
Concen: 62.753 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139793.D
Acq: 14 Oct 2024 17:27

Instrument :
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CONCRETE-PADS-1



Tgt Ion:244 Resp: 848793
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.9 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: BF139793.D
Acq: 14 Oct 2024 17:27

Tgt Ion:264 Resp: 157006
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.7 16.9 25.3

