

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139795.D
 Acq On : 14 Oct 2024 18:25
 Operator : RC/JU
 Sample : P4375-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-5

Quant Time: Oct 15 01:12:35 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	77702	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	294687	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	166293	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	307161	20.000	ng	0.00
76) Chrysene-d12	14.022	240	144397	20.000	ng	-0.01
86) Perylene-d12	15.498	264	125766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	200288	44.677	ng	0.00
7) Phenol-d6	6.493	99	324086	53.757	ng	-0.01
23) Nitrobenzene-d5	7.422	82	235458	40.454	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	52881	32.942	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	465721	42.994	ng	-0.01
79) Terphenyl-d14	12.969	244	456032	51.820	ng	-0.01

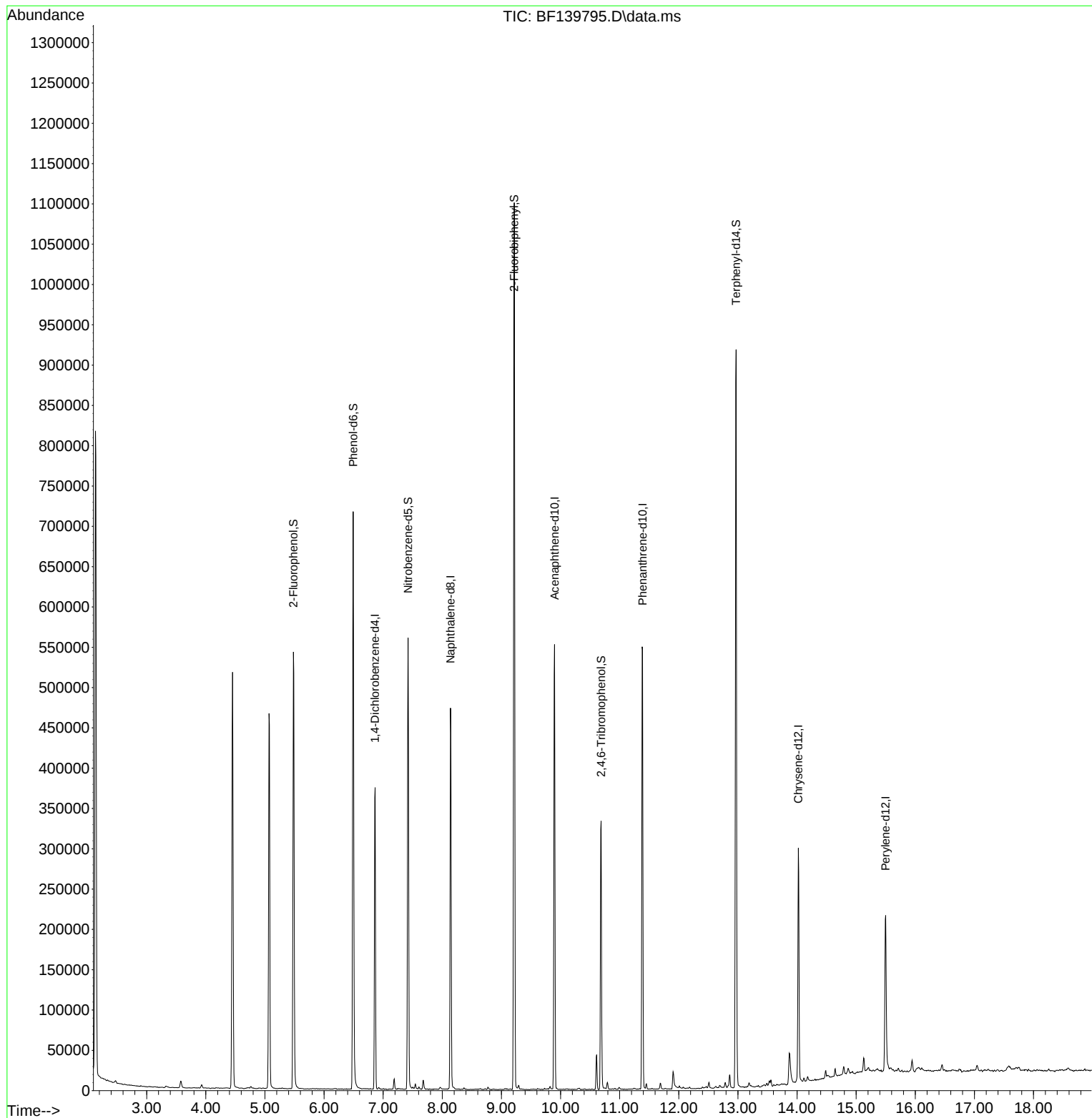
Target Compounds	Qvalue

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

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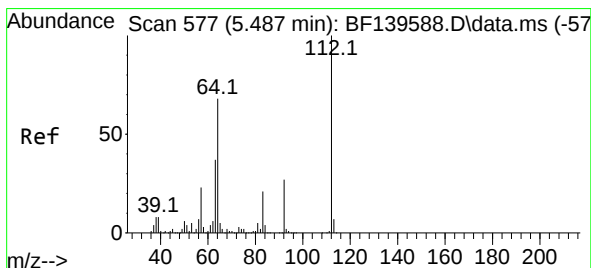
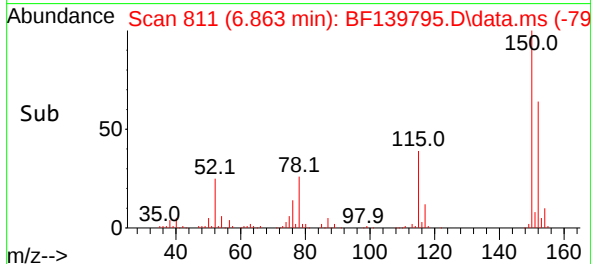
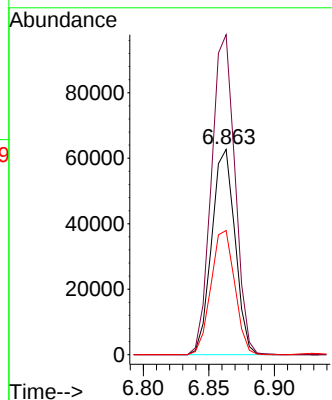
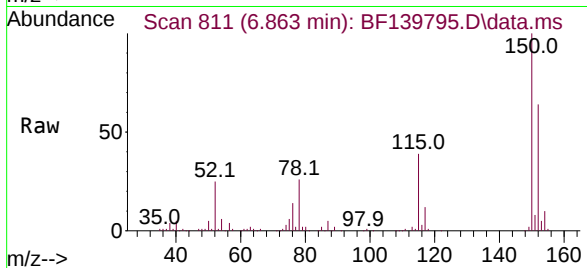




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

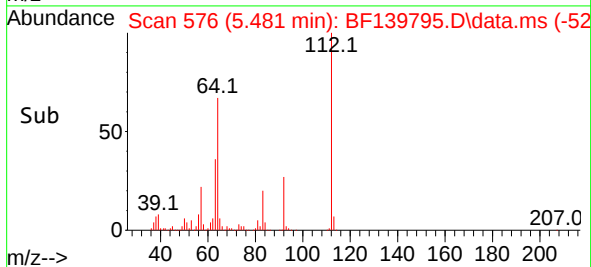
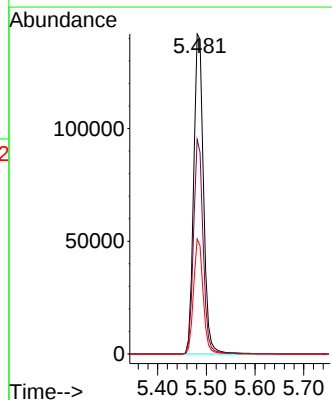
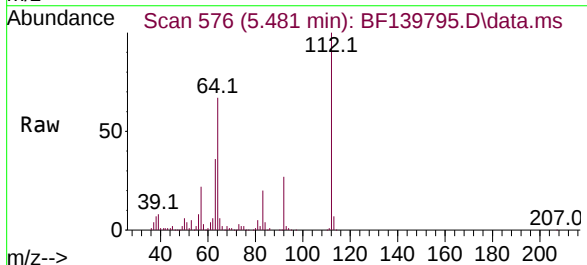
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

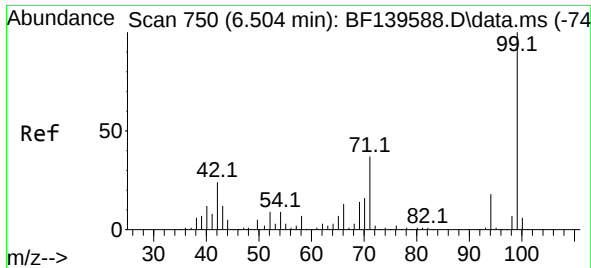
Tgt Ion:152 Resp: 77702
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 44.677 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:112 Resp: 200288
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.0 29.4 44.2

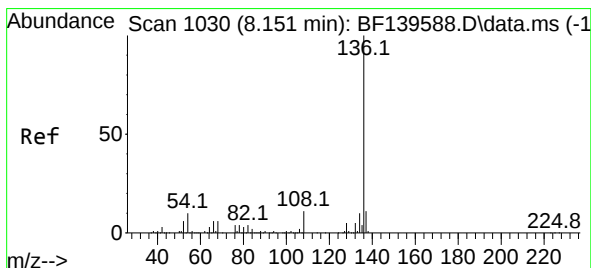
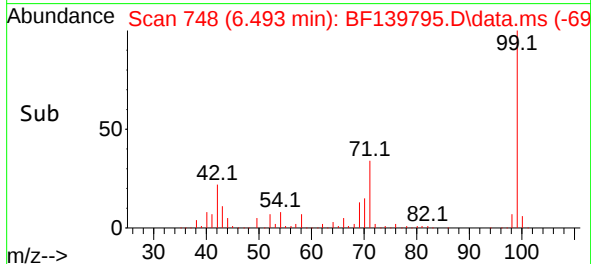
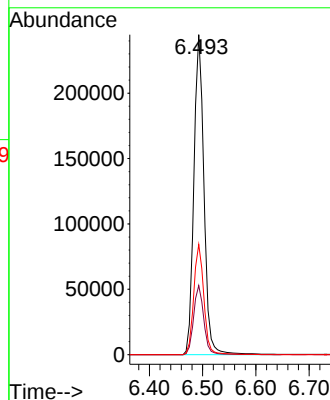
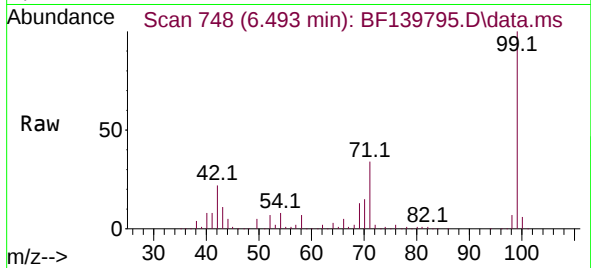




#7
Phenol-d6
Concen: 53.757 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

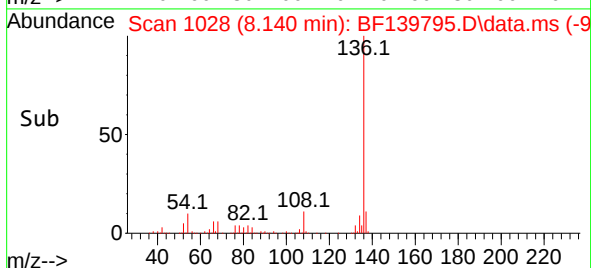
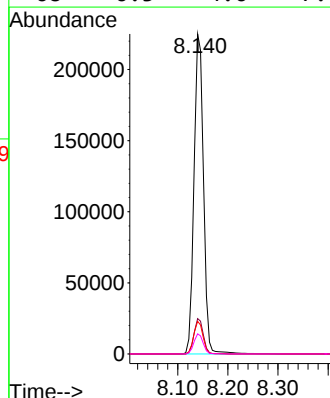
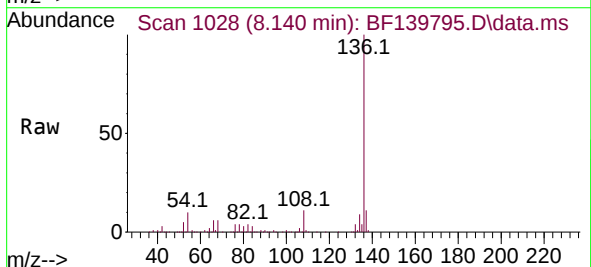
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

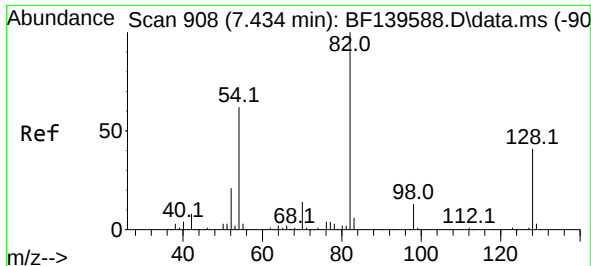
Tgt Ion: 99 Resp: 324086
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 34.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion: 136 Resp: 294687
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.2 8.3 12.5
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 40.454 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139795.D

Acq: 14 Oct 2024 18:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-5

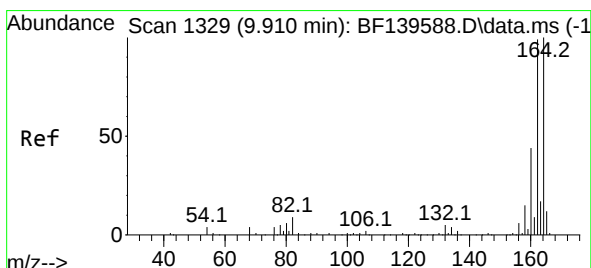
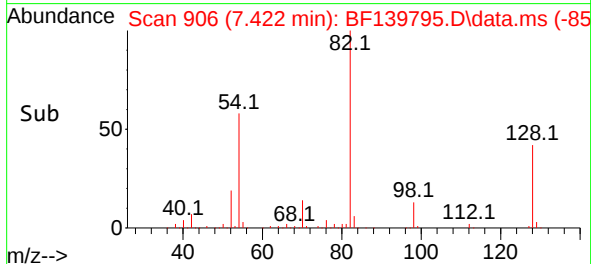
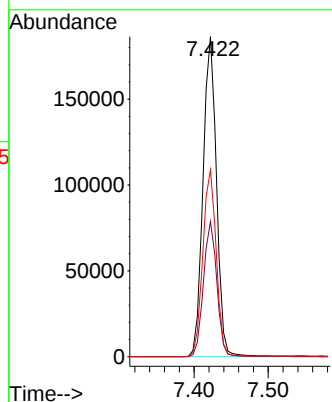
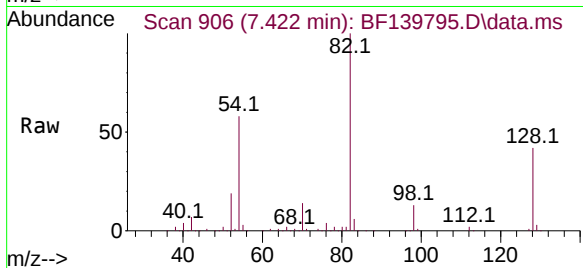
Tgt Ion: 82 Resp: 235458

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 58.4 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: BF139795.D

Acq: 14 Oct 2024 18:25

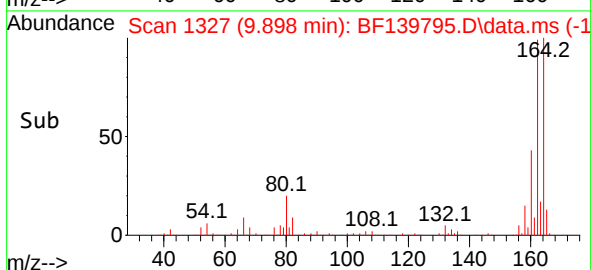
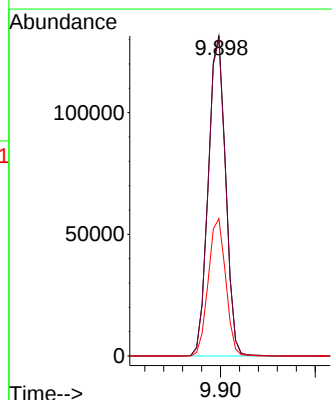
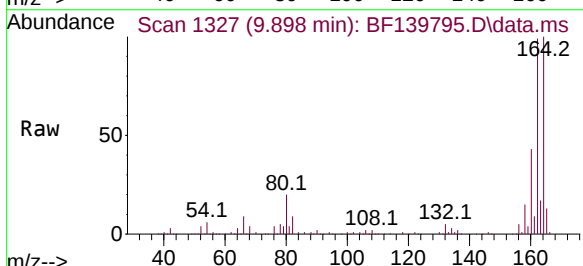
Tgt Ion:164 Resp: 166293

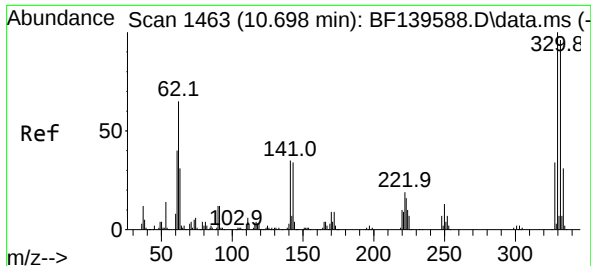
Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

160 42.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 32.942 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139795.D

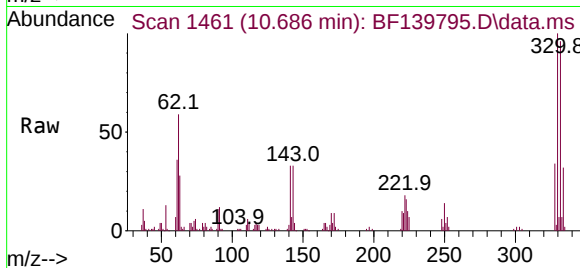
Acq: 14 Oct 2024 18:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-5



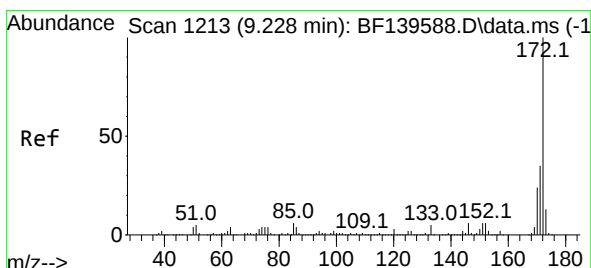
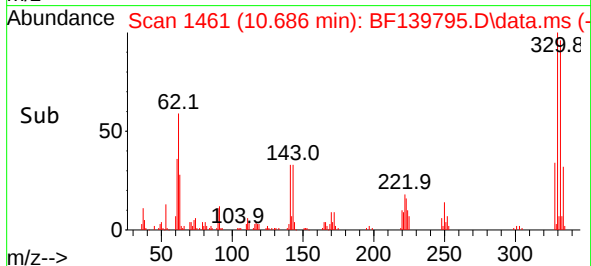
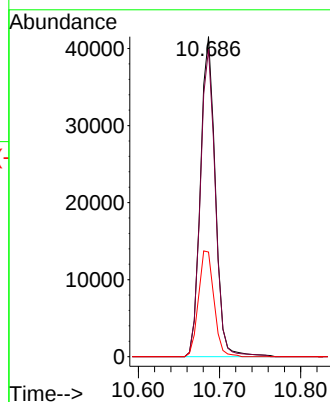
Tgt Ion:330 Resp: 52881

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 34.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 42.994 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139795.D

Acq: 14 Oct 2024 18:25

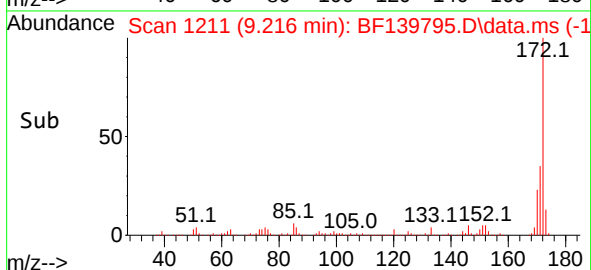
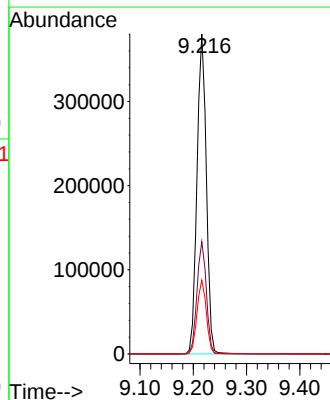
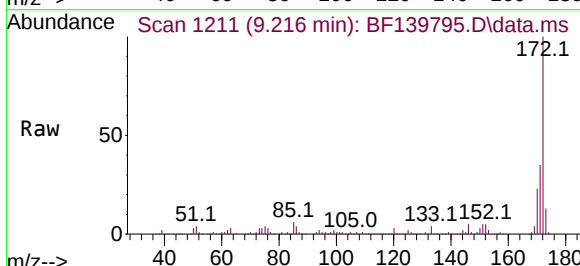
Tgt Ion:172 Resp: 465721

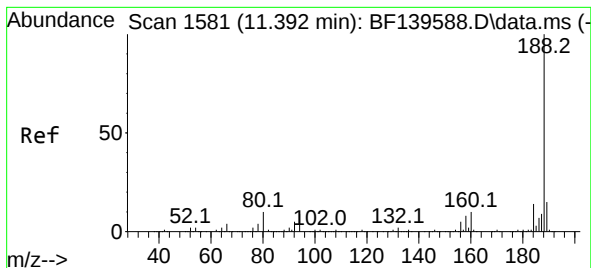
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 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: BF139795.D

Acq: 14 Oct 2024 18:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-5

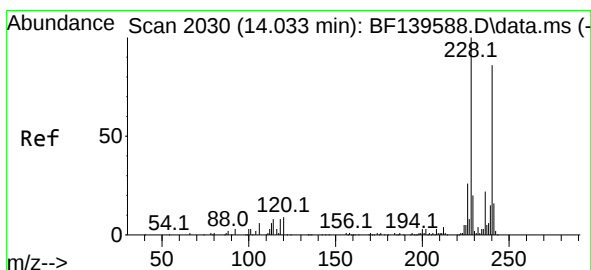
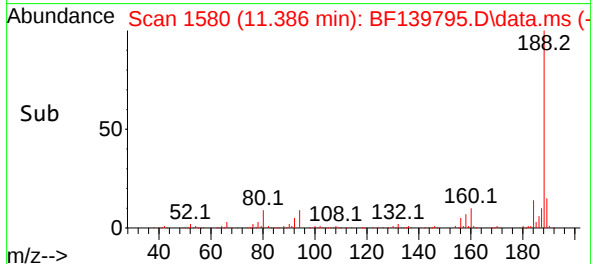
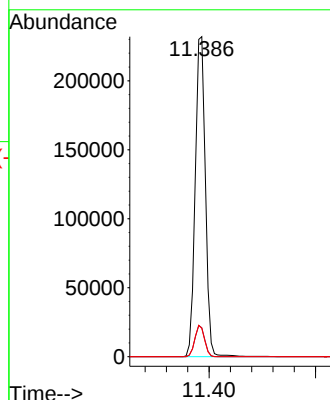
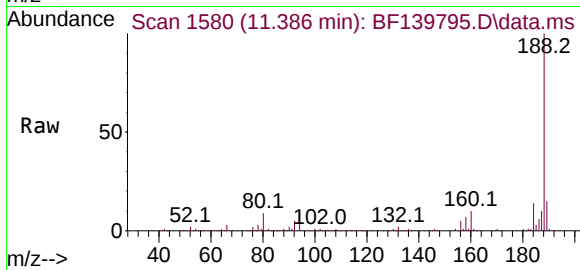
Tgt Ion:188 Resp: 307161

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 8.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.011 min

Lab File: BF139795.D

Acq: 14 Oct 2024 18:25

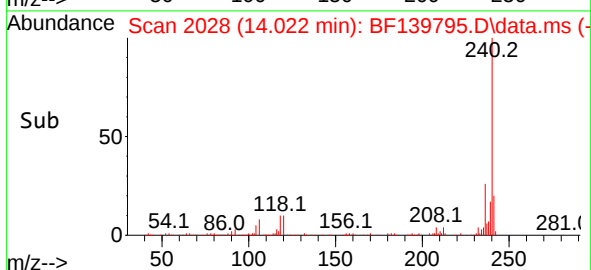
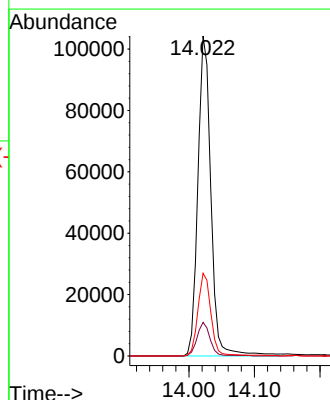
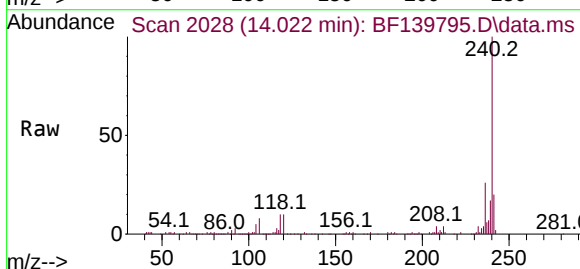
Tgt Ion:240 Resp: 144397

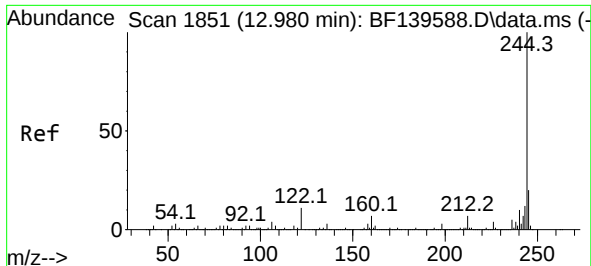
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

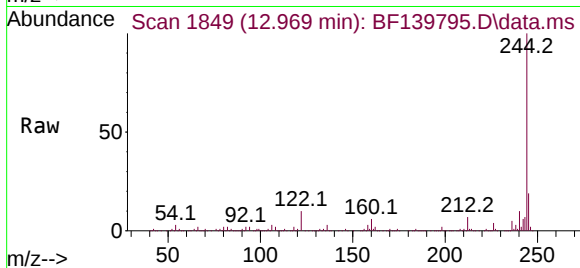
236 25.9 20.3 30.5



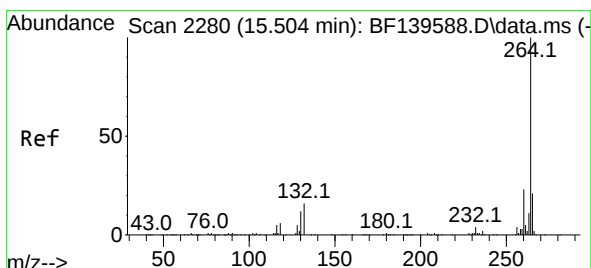
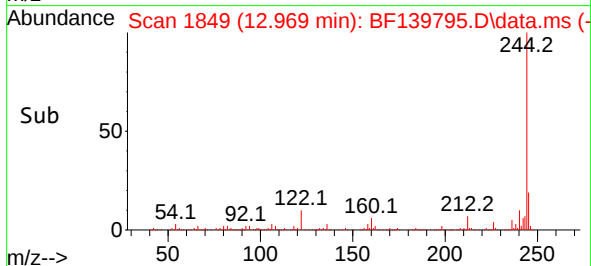
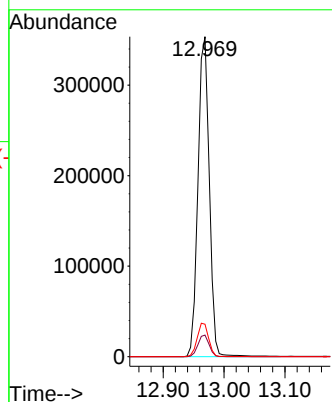


#79
Terphenyl-d14
Concen: 51.820 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Instrument :
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Tgt Ion:244 Resp: 456032
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.2 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: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:264 Resp: 125766
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 16.9 25.3

