

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139754.D
 Acq On : 10 Oct 2024 18:55
 Operator : RC/JU
 Sample : P4375-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-7

Quant Time: Oct 10 23:19:33 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	75501	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	287426	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	157713	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	275375	20.000	ng	0.00
76) Chrysene-d12	14.027	240	157860	20.000	ng	0.00
86) Perylene-d12	15.504	264	163953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	416961	95.720	ng	0.00
7) Phenol-d6	6.498	99	568283	97.011	ng	0.00
23) Nitrobenzene-d5	7.428	82	372595	65.633	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	116394	76.451	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	711667	69.274	ng	0.00
79) Terphenyl-d14	12.974	244	617746	64.210	ng	0.00

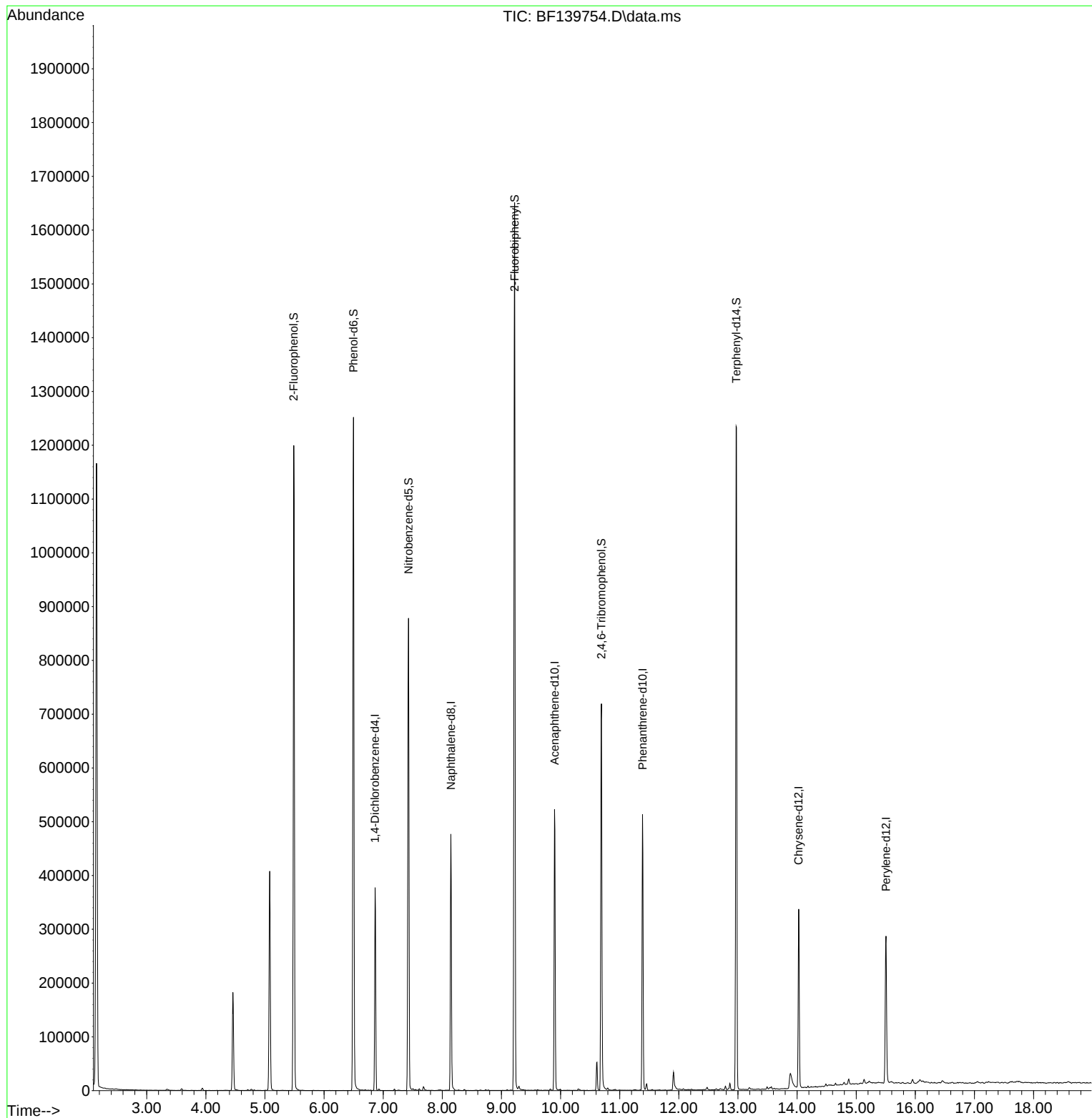
Target Compounds	Qvalue

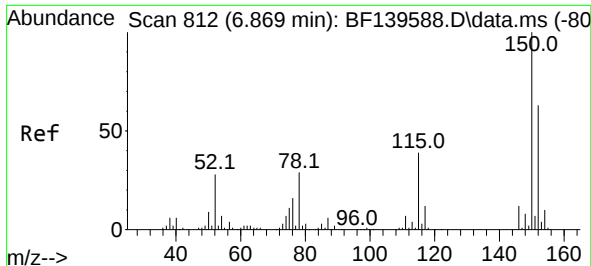
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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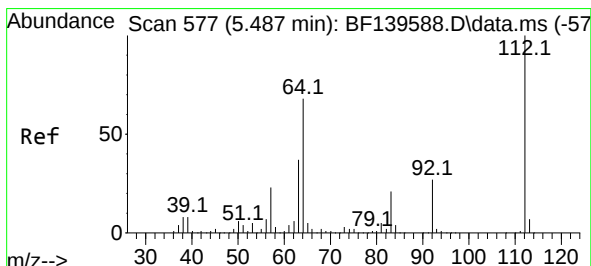
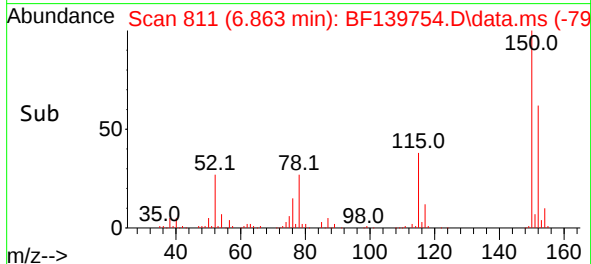
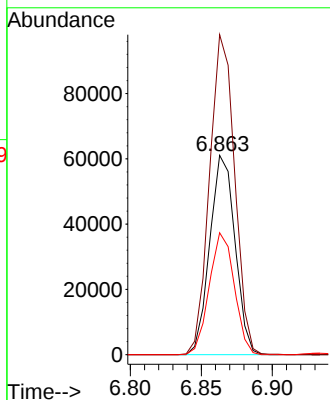
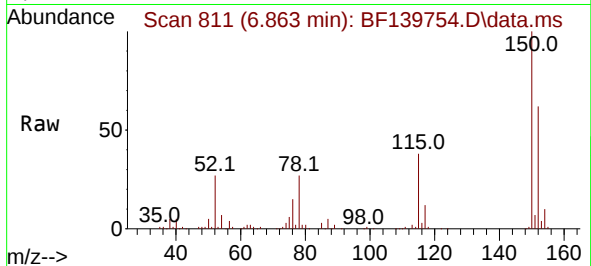




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

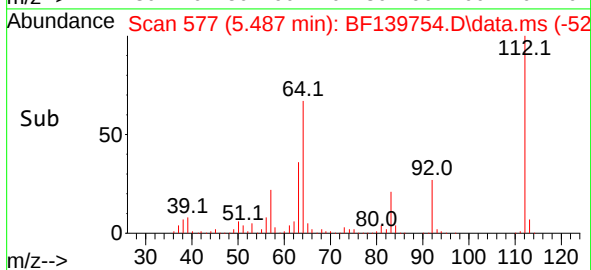
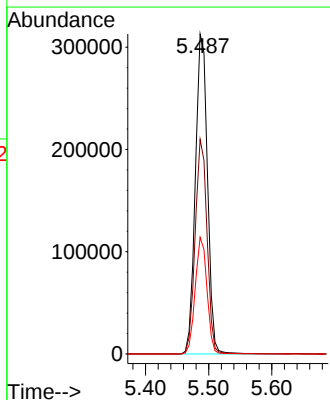
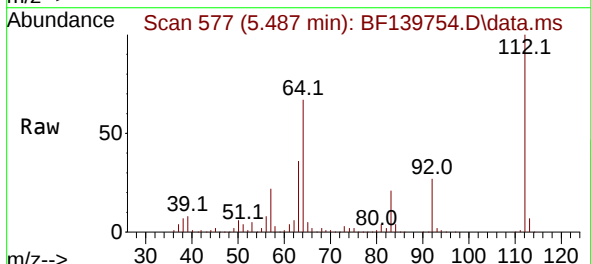
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

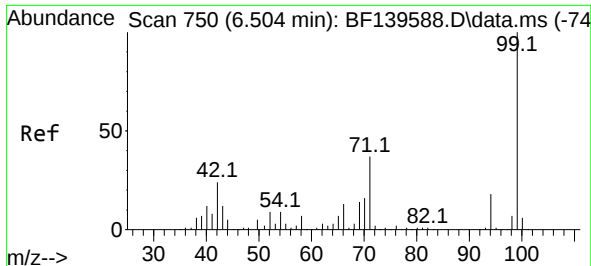
Tgt Ion:152 Resp: 75501
Ion Ratio Lower Upper
152 100
150 160.6 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 95.720 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:112 Resp: 416961
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 36.4 29.4 44.2

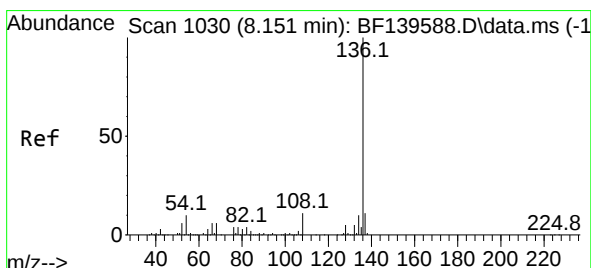
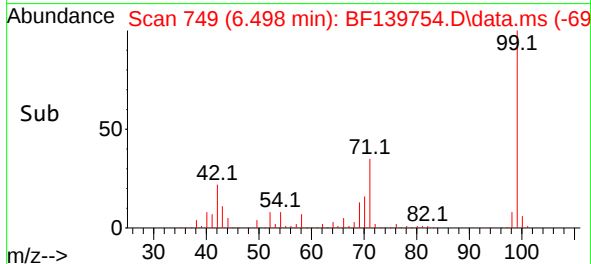
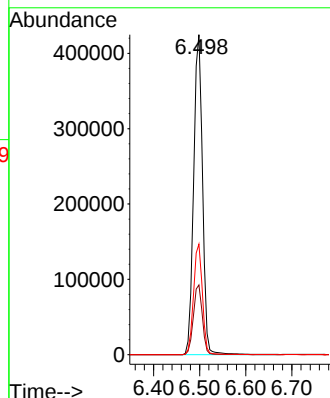
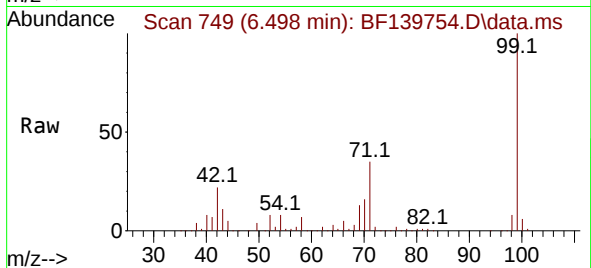




#7
Phenol-d6
Concen: 97.011 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

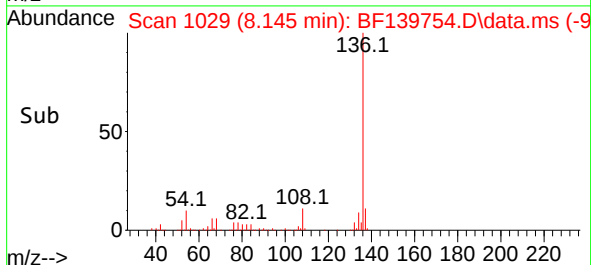
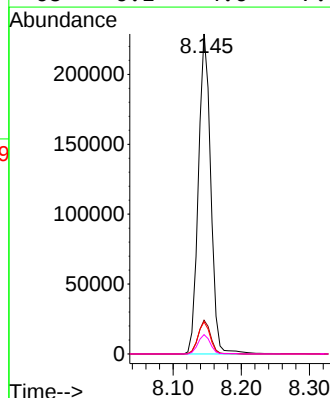
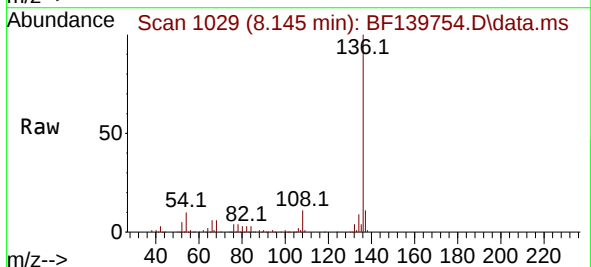
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

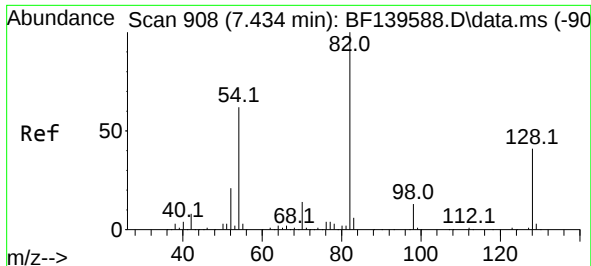
Tgt Ion: 99 Resp: 568283
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion: 136 Resp: 287426
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.0 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 65.633 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139754.D

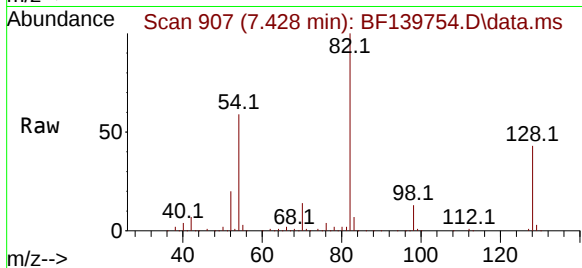
Acq: 10 Oct 2024 18:55

Instrument :

BNA_F

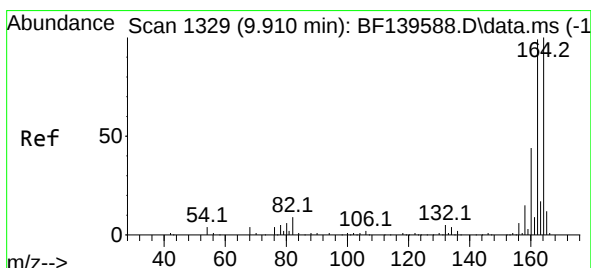
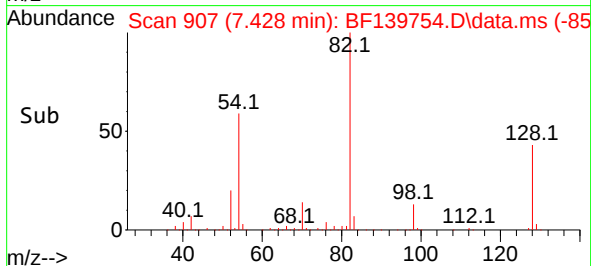
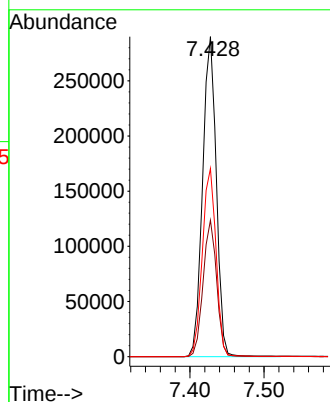
ClientSampleId :

CONCRETE-PADS-7



Tgt Ion: 82 Resp: 372595

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.4	48.6
54	58.8	49.1	73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

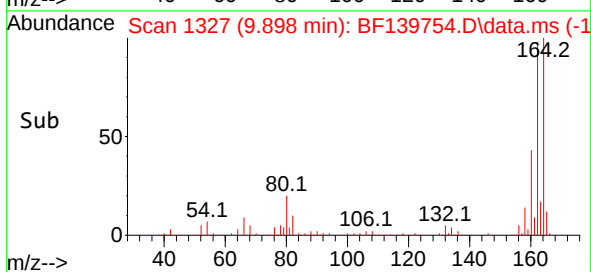
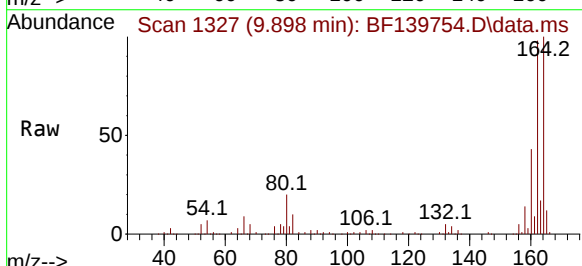
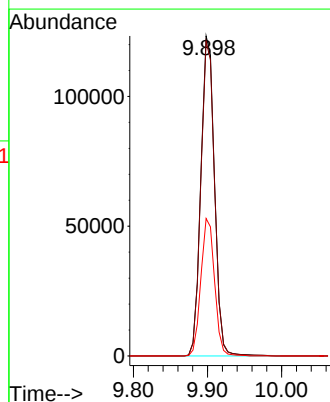
Delta R.T. -0.012 min

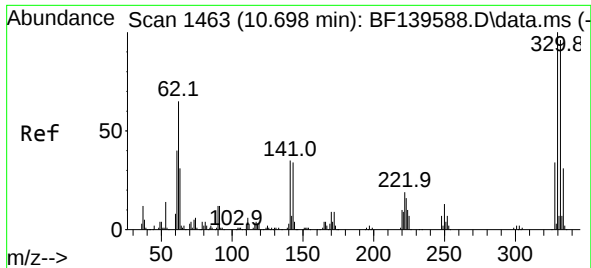
Lab File: BF139754.D

Acq: 10 Oct 2024 18:55

Tgt Ion: 164 Resp: 157713

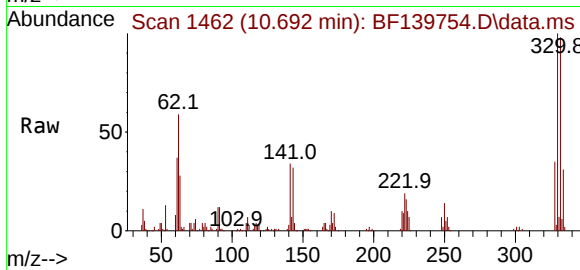
Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.4	119.0
160	43.0	35.1	52.7



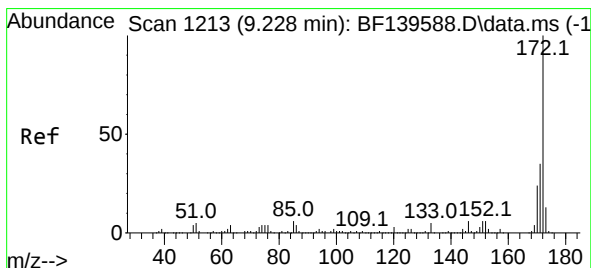
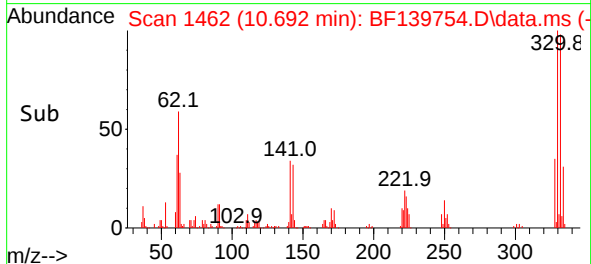
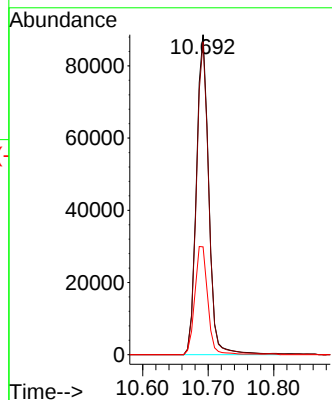


#42
2,4,6-Tribromophenol
Concen: 76.451 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

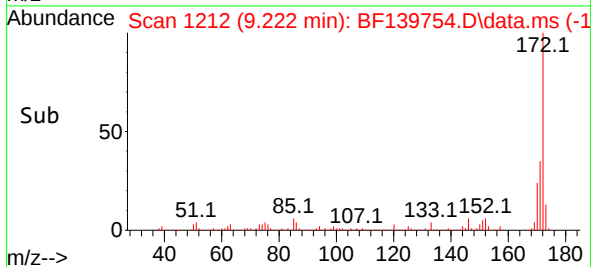
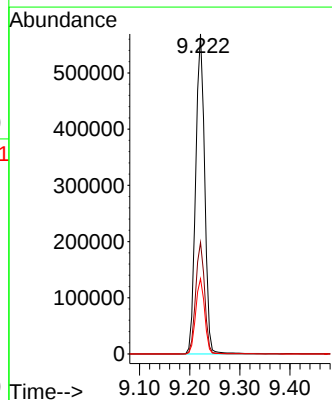
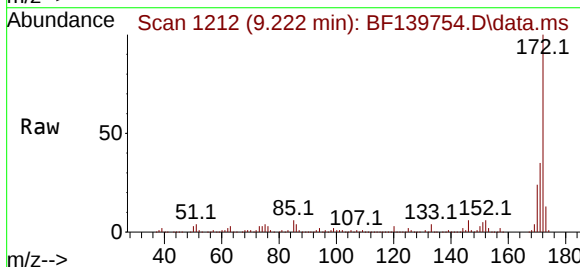


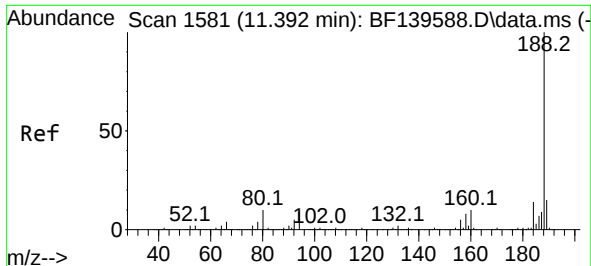
Tgt Ion:330 Resp: 116394
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.274 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:172 Resp: 711667
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.8 28.2

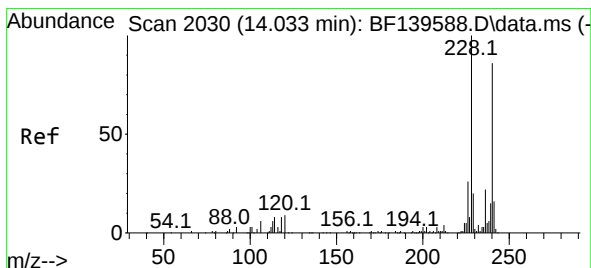
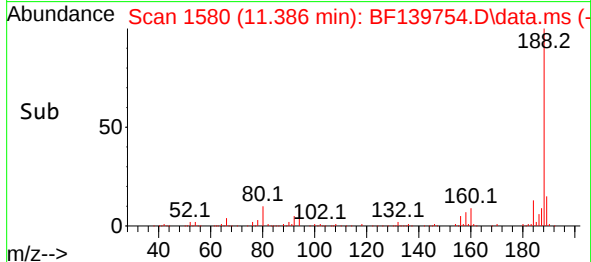
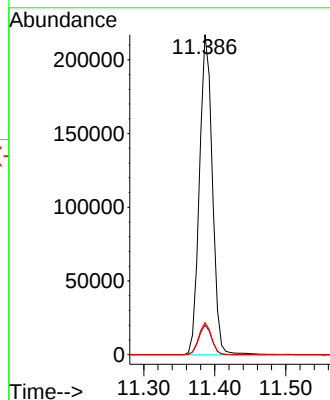
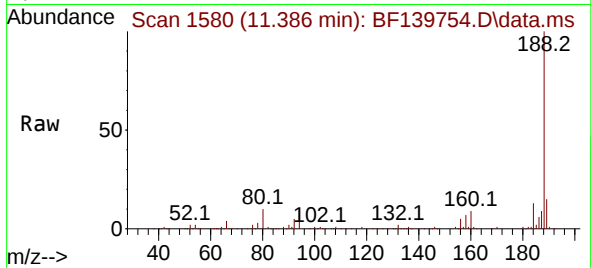




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

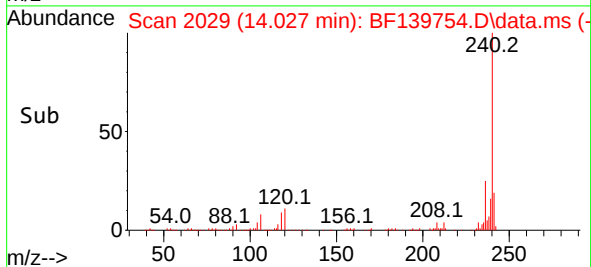
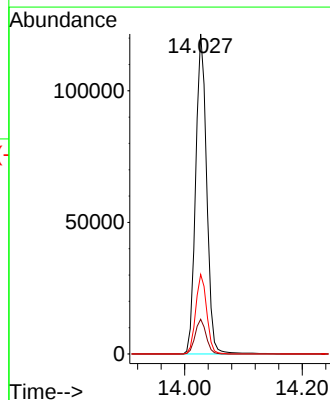
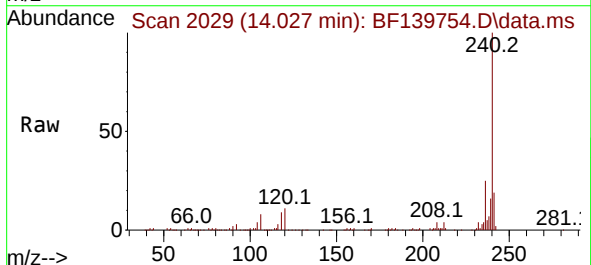
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

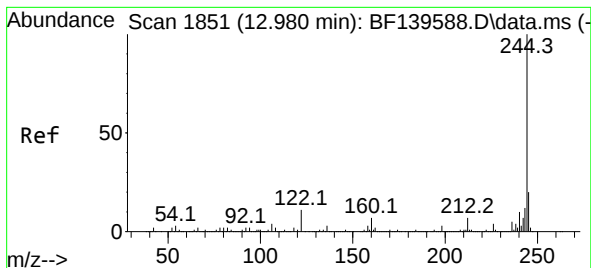
Tgt Ion:188 Resp: 275375
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:240 Resp: 157860
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 24.8 20.3 30.5





#79

Terphenyl-d14

Concen: 64.210 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139754.D

Acq: 10 Oct 2024 18:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-7

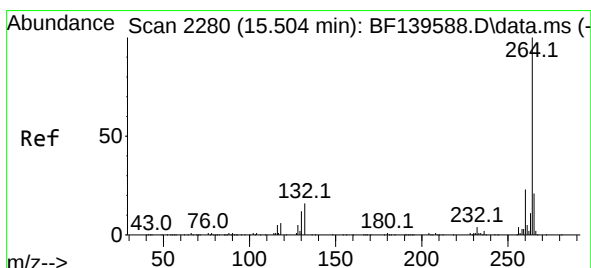
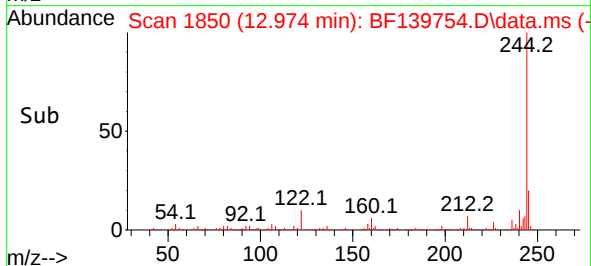
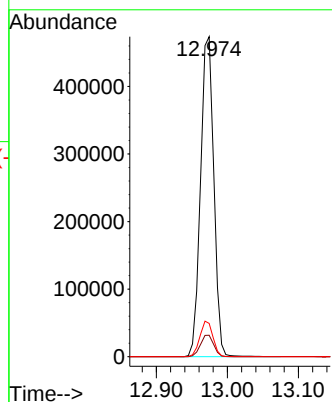
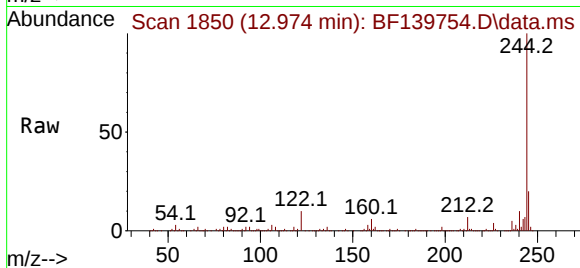
Tgt Ion:244 Resp: 617746

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139754.D

Acq: 10 Oct 2024 18:55

Tgt Ion:264 Resp: 163953

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.2 16.9 25.3

