

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139749.D
 Acq On : 10 Oct 2024 16:31
 Operator : RC/JU
 Sample : P4375-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-2

Quant Time: Oct 10 17:33:49 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)

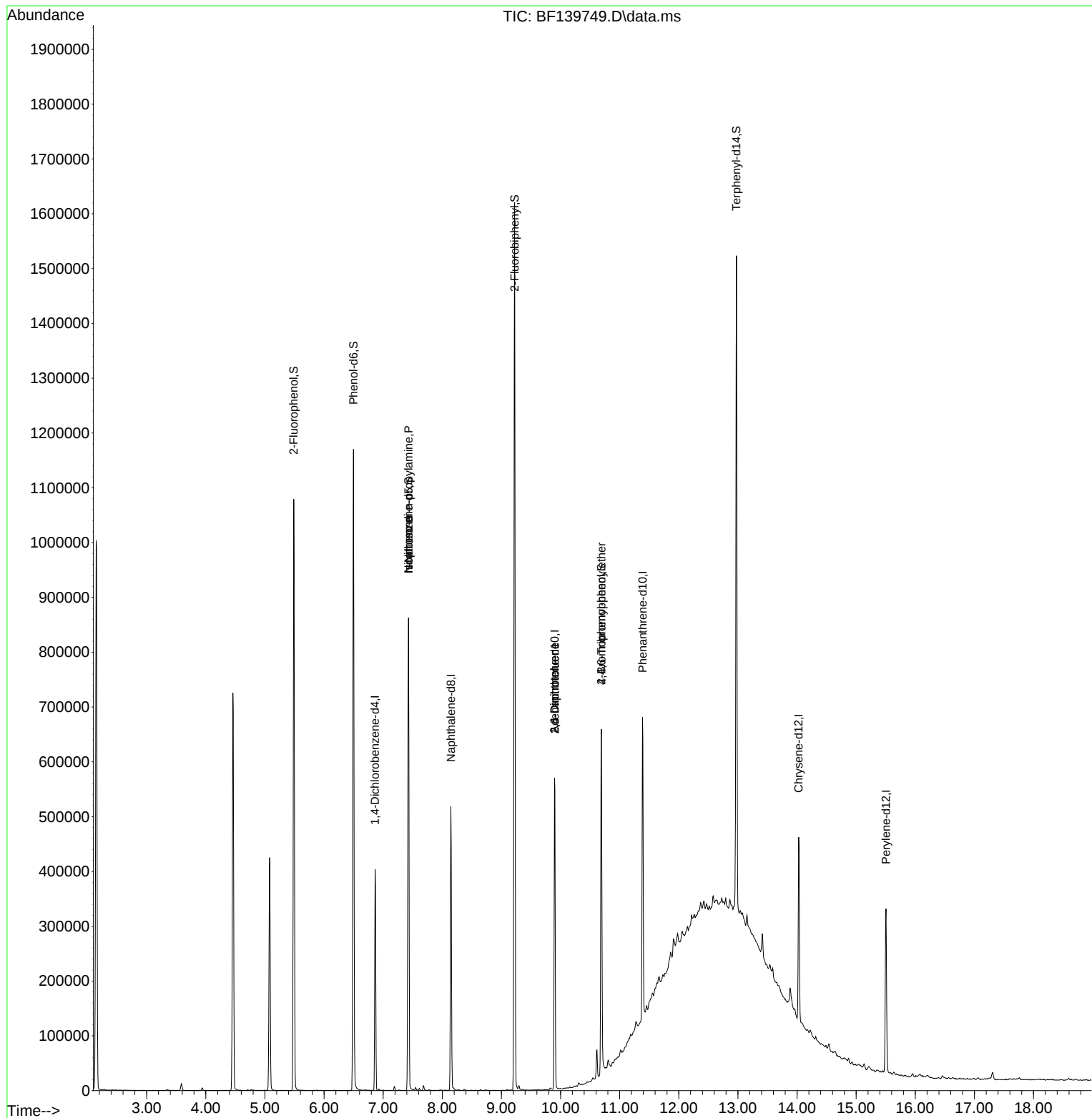
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80869	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	313323	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	172083	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	294849	20.000	ng	0.00
76) Chrysene-d12	14.027	240	161709	20.000	ng	0.00
86) Perylene-d12	15.504	264	171938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	371398	79.601	ng	0.00
7) Phenol-d6	6.498	99	517919	82.544	ng	0.00
23) Nitrobenzene-d5	7.428	82	368329	59.519	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	102253	61.554	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705855	62.971	ng	0.00
79) Terphenyl-d14	12.975	244	572807	58.122	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	48313	11.977	ng	# 75
25) Isophorone	7.428	82	364794	33.189	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22470	8.830	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	22470	6.756	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	6997	2.315	ng	# 1

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

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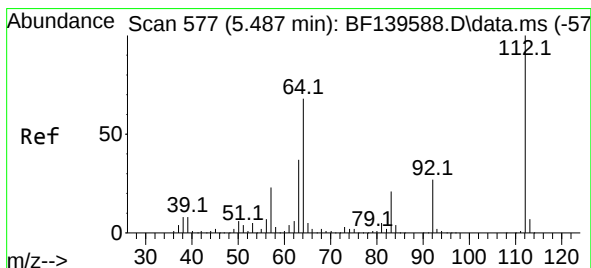
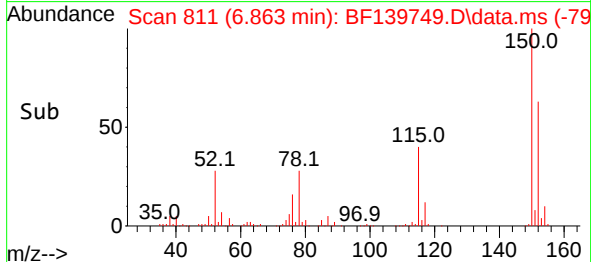
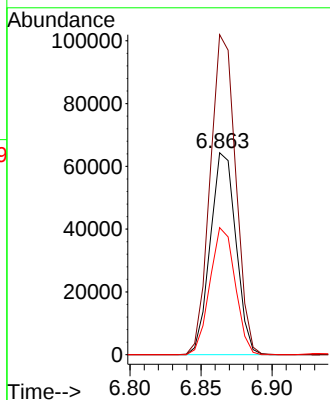
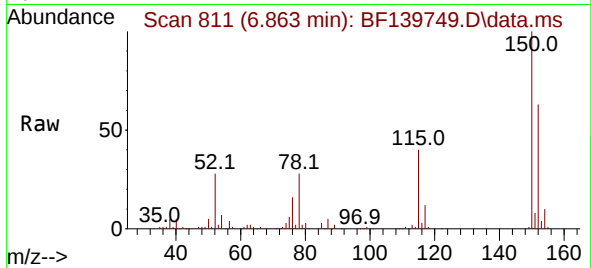




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

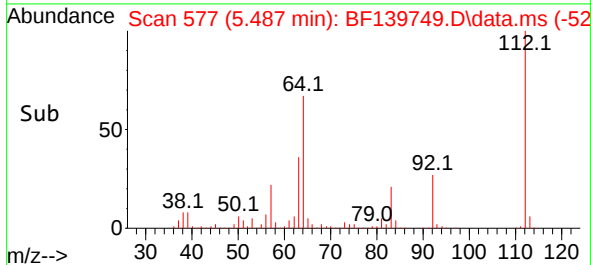
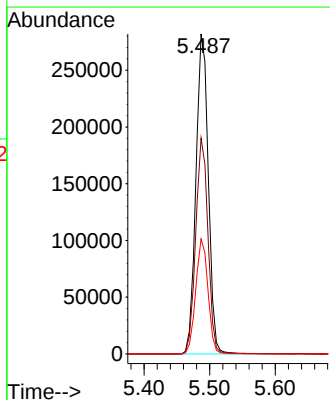
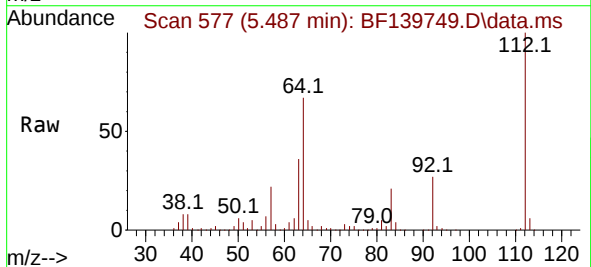
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-2

Tgt Ion:152 Resp: 80869
Ion Ratio Lower Upper
152 100
150 158.4 127.2 190.8
115 62.9 49.0 73.4



#5
2-Fluorophenol
Concen: 79.601 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

Tgt Ion:112 Resp: 371398
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 35.9 29.4 44.2

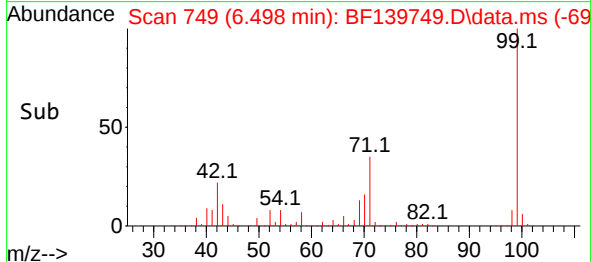
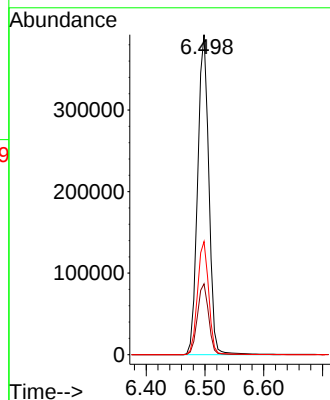
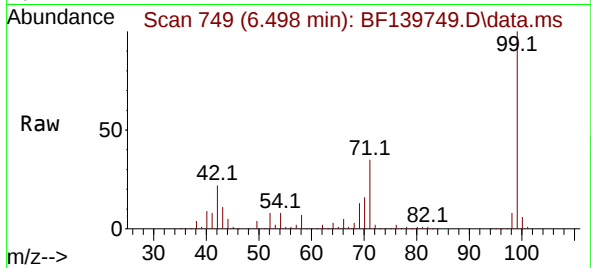




#7
Phenol-d6
Concen: 82.544 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

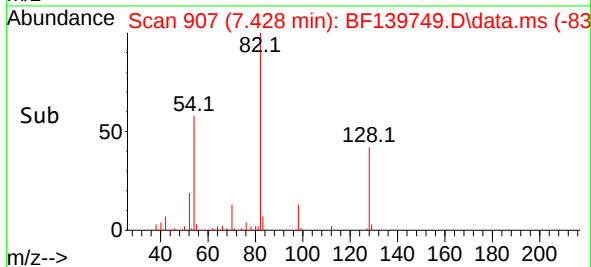
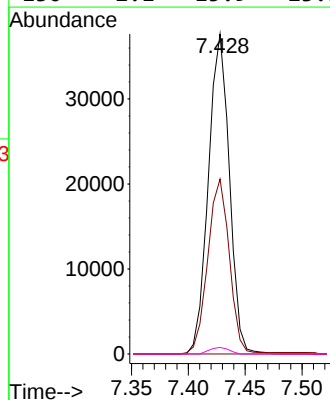
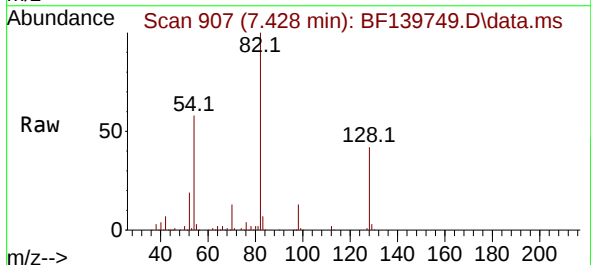
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-2

Tgt Ion: 99 Resp: 517919
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 35.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.977 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

Tgt Ion: 70 Resp: 48313
Ion Ratio Lower Upper
70 100
42 54.7 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

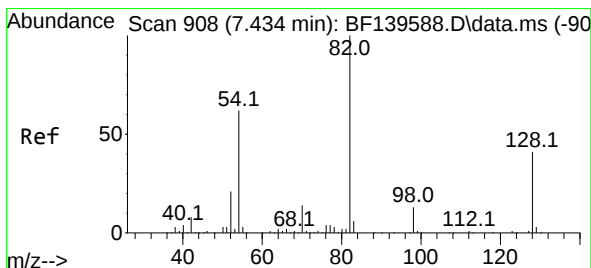
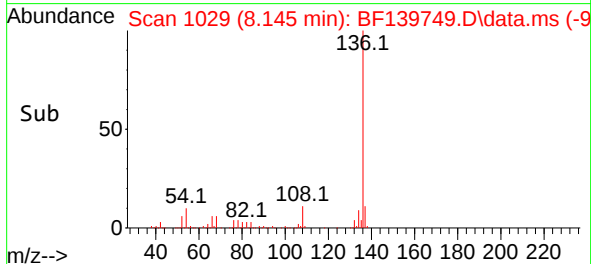
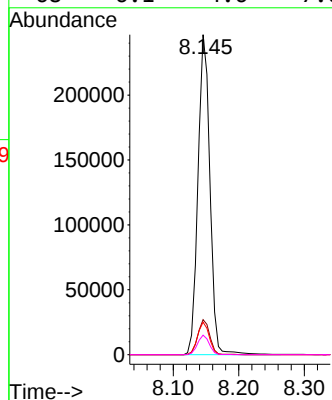
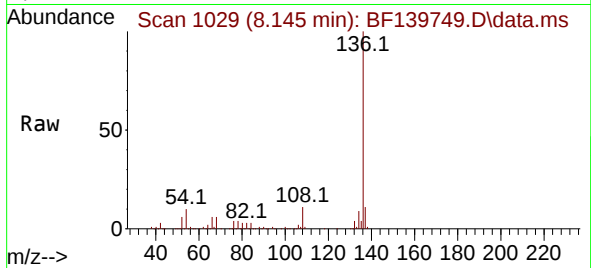




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

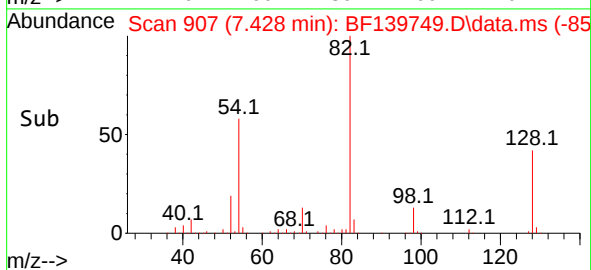
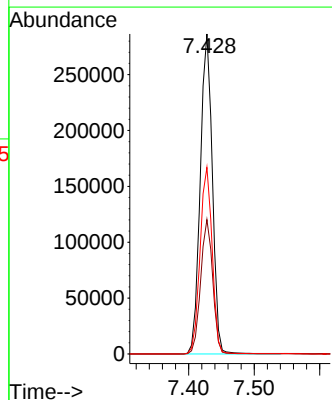
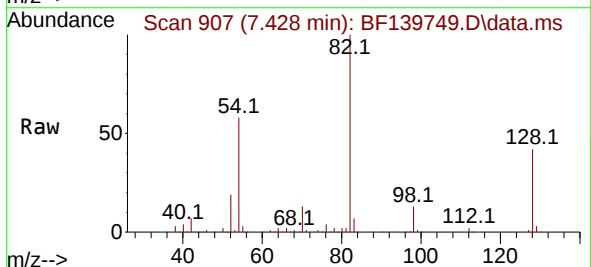
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-2

Tgt Ion:136 Resp: 313323
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 59.519 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

Tgt Ion: 82 Resp: 368329
Ion Ratio Lower Upper
82 100
128 42.0 32.4 48.6
54 58.3 49.1 73.7

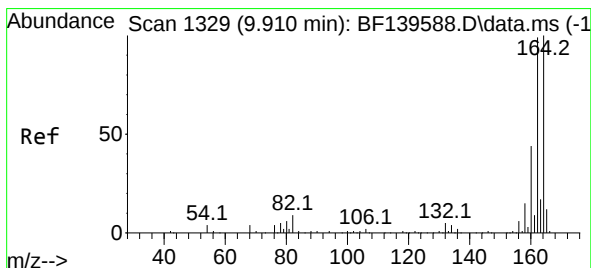
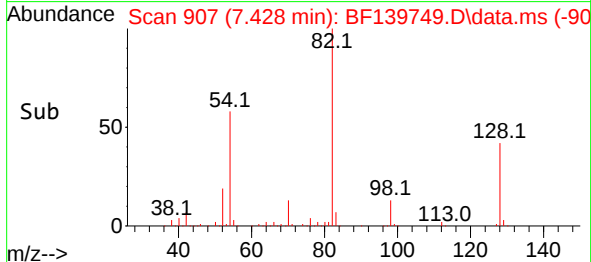
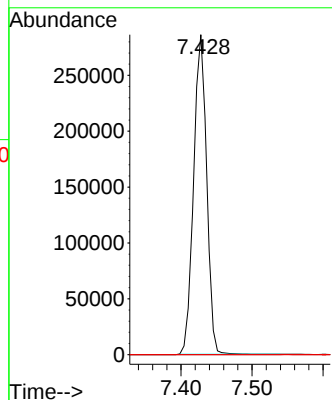
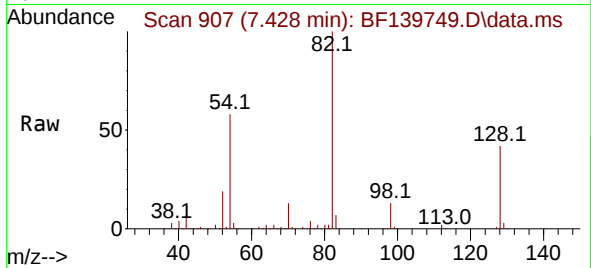




#25
Isophorone
Concen: 33.189 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

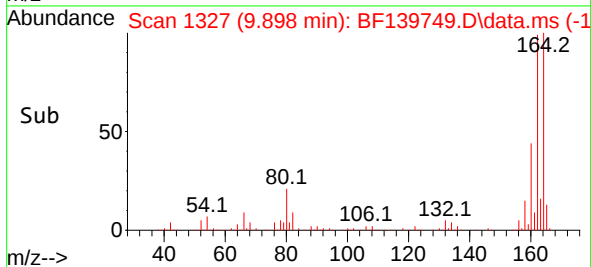
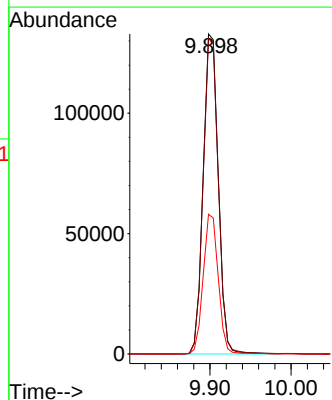
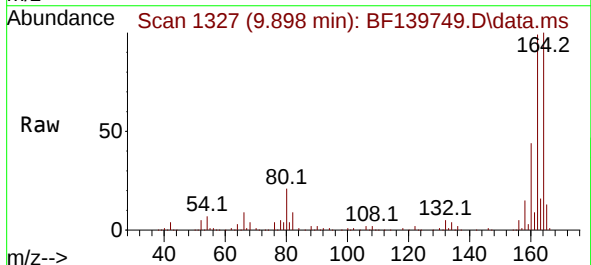
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-2

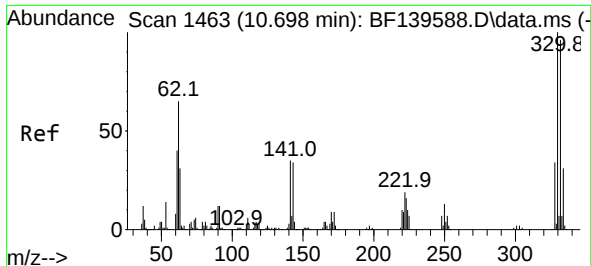
Tgt Ion: 82 Resp: 364794
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

Tgt Ion:164 Resp: 172083
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 61.554 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-2

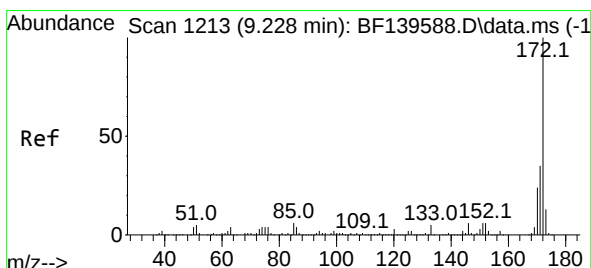
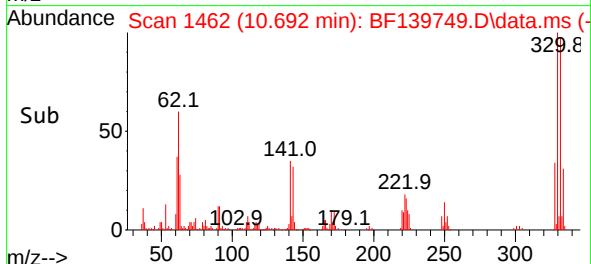
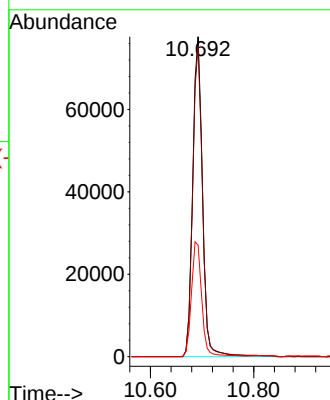
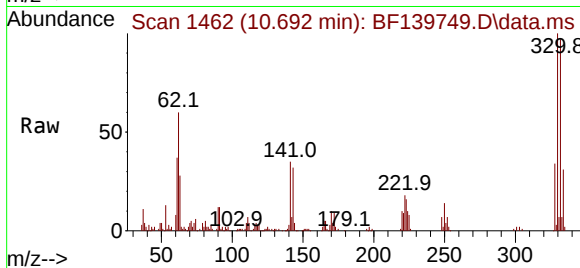
Tgt Ion:330 Resp: 102253

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 37.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 62.971 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

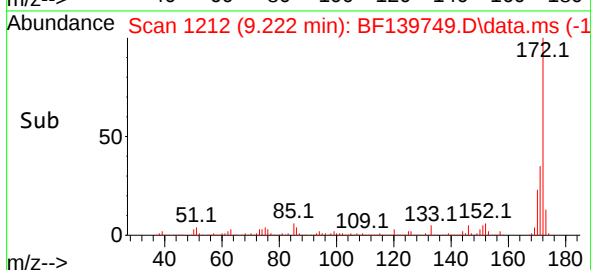
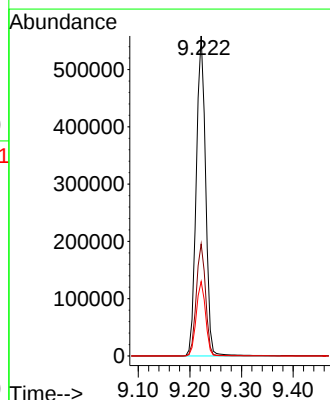
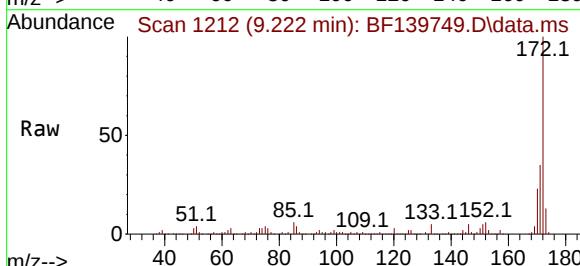
Tgt Ion:172 Resp: 705855

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.2 18.8 28.2

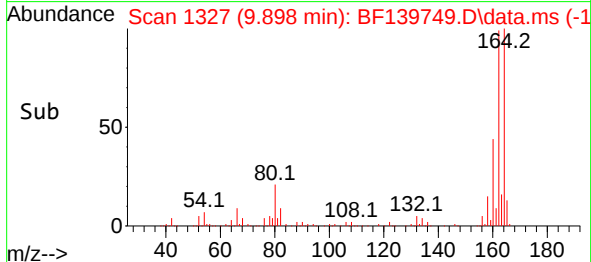
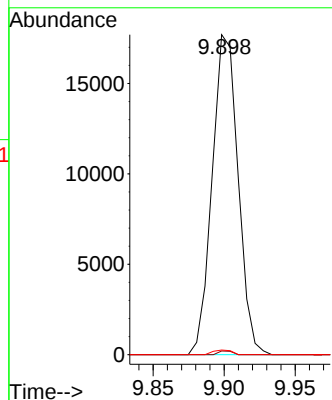
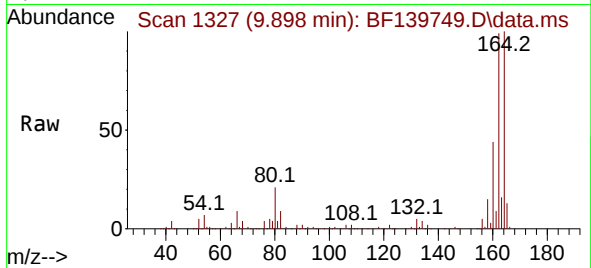




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

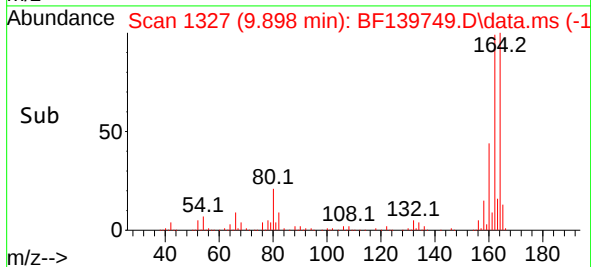
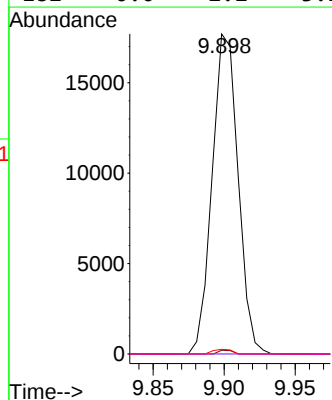
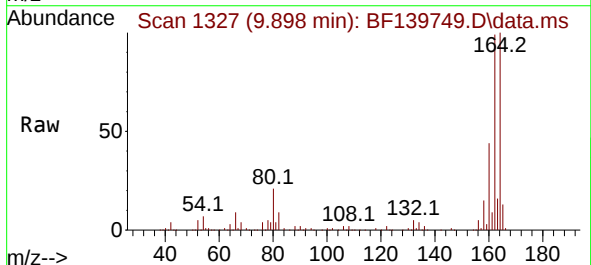
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-2

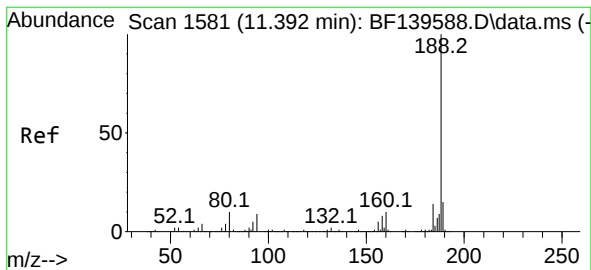
Tgt Ion:165 Resp: 22470
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.756 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139749.D
Acq: 10 Oct 2024 16:31

Tgt Ion:165 Resp: 22470
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-2

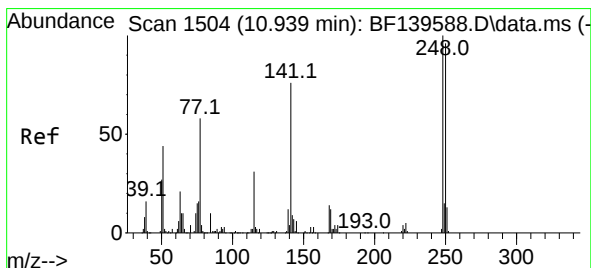
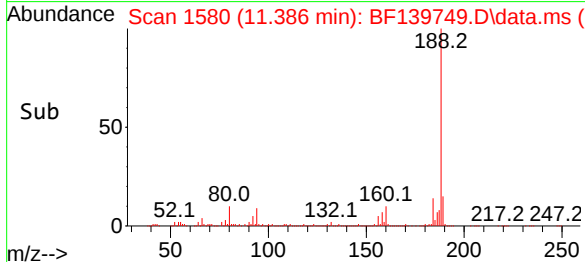
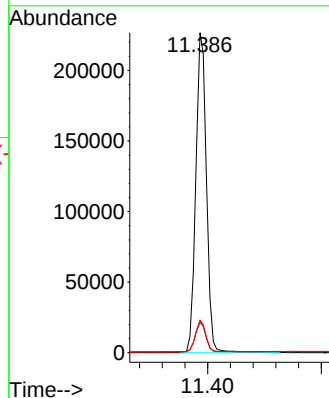
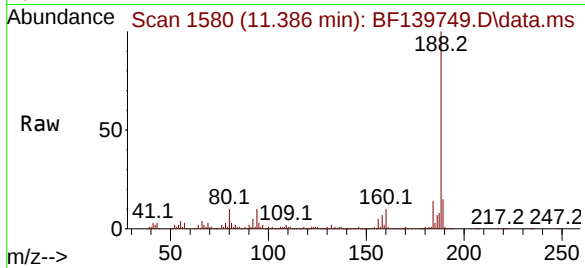
Tgt Ion:188 Resp: 294849

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.1 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.315 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

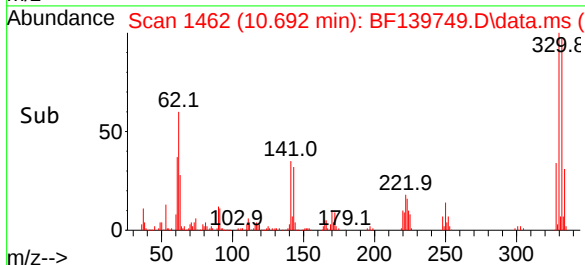
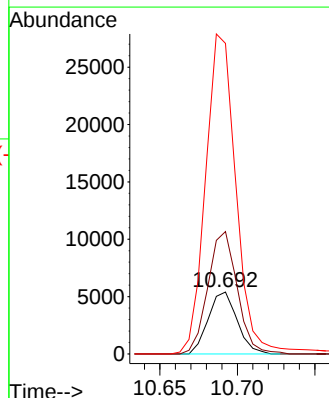
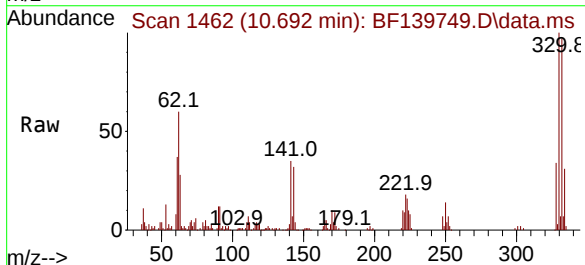
Tgt Ion:248 Resp: 6997

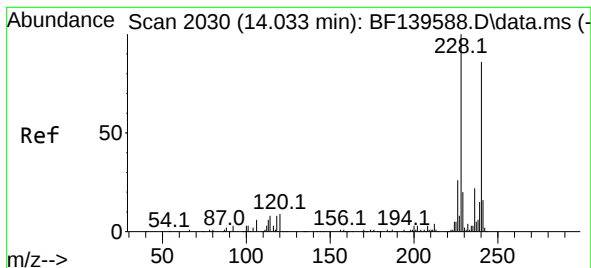
Ion Ratio Lower Upper

248 100

250 197.8 77.1 115.7#

141 502.1 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-2

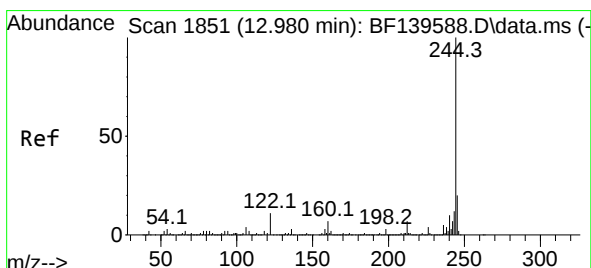
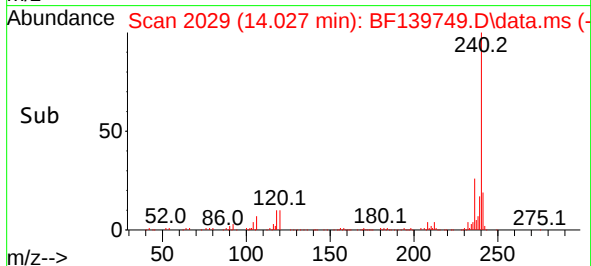
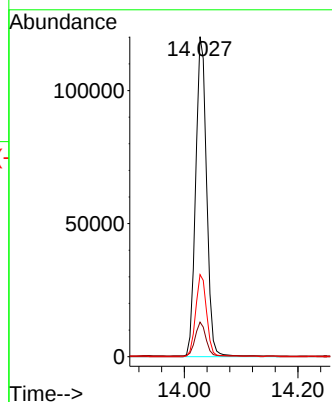
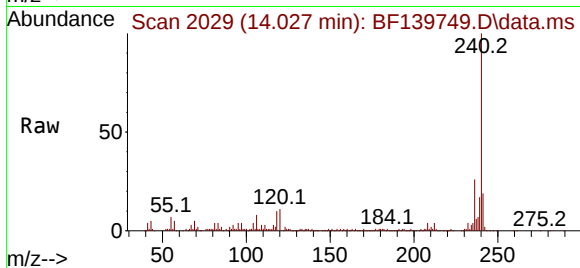
Tgt Ion:240 Resp: 161709

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 25.7 20.3 30.5



#79

Terphenyl-d14

Concen: 58.122 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139749.D

Acq: 10 Oct 2024 16:31

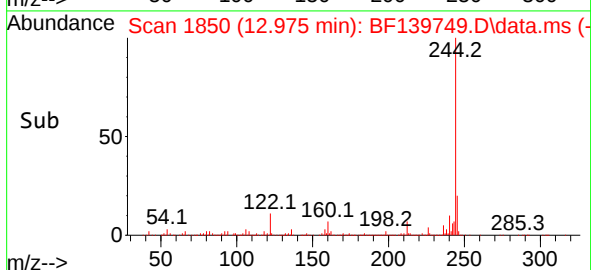
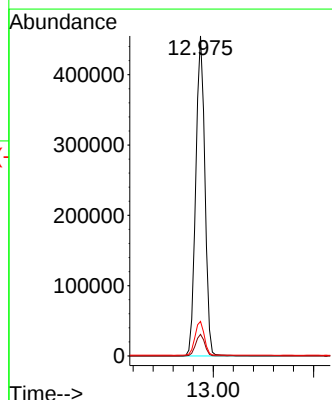
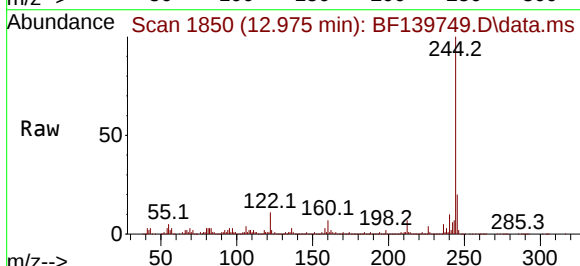
Tgt Ion:244 Resp: 572807

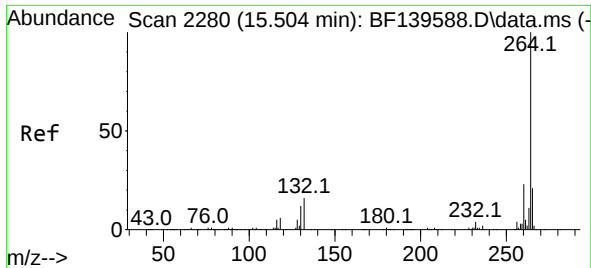
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.8 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139749.D
 Acq: 10 Oct 2024 16:31

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-2

Tgt Ion:264 Resp: 171938
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.3 16.9 25.3

