

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139601.D
 Acq On : 02 Oct 2024 12:39
 Operator : RC/JU
 Sample : P4214-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1

Quant Time: Oct 02 21:02:53 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)

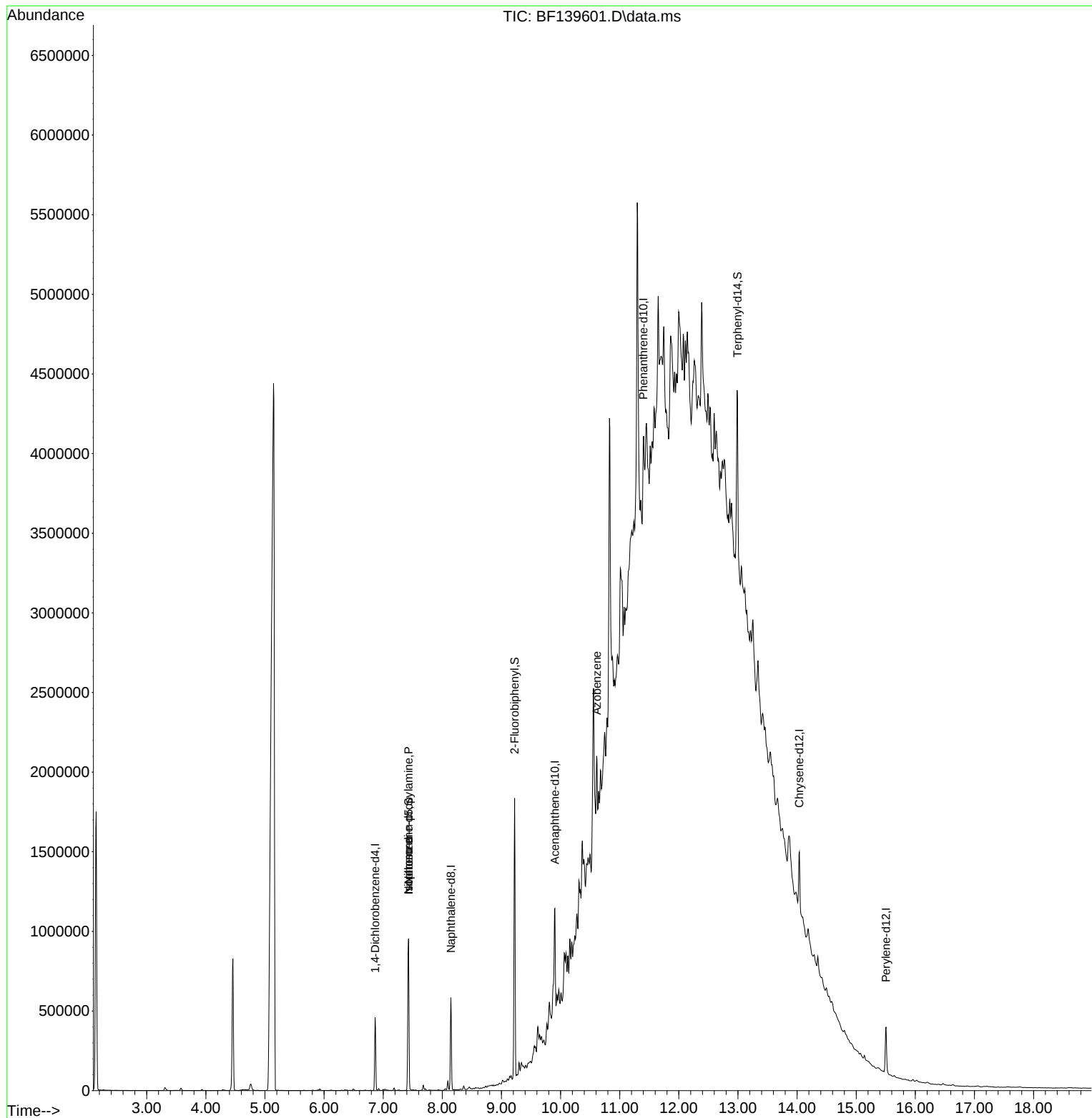
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88705	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	335953	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	168830	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	234696	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	147761	20.000	ng	0.00
86) Perylene-d12	15.504	264	167581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.492	99	2931	0.426	ng	-0.01
23) Nitrobenzene-d5	7.428	82	407039	61.343	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.222	172	727139	66.119	ng	0.00
79) Terphenyl-d14	12.992	244	488193	54.212	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	58386	13.195	ng	# 76
25) Isophorone	7.428	82	405069	34.371	ng	# 66
63) Azobenzene	10.616	77	89090	7.761	ng	# 12

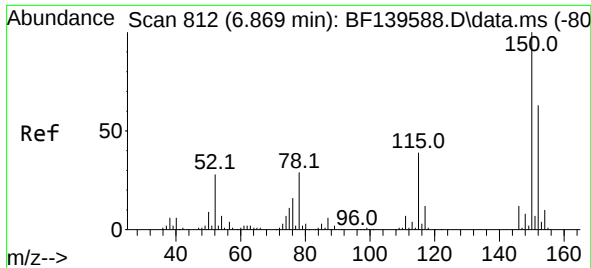
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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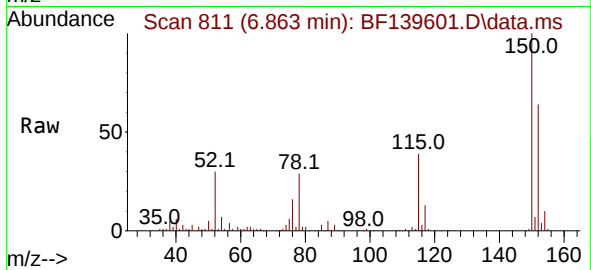
Quant Time: Oct 02 21:02:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



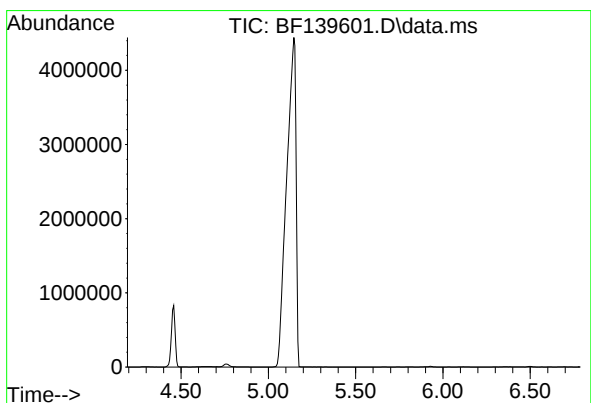
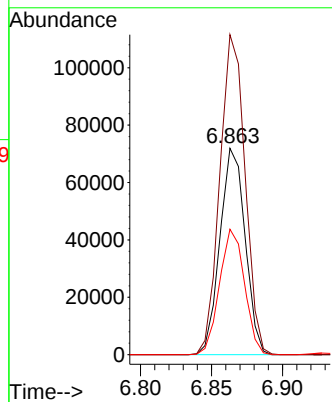
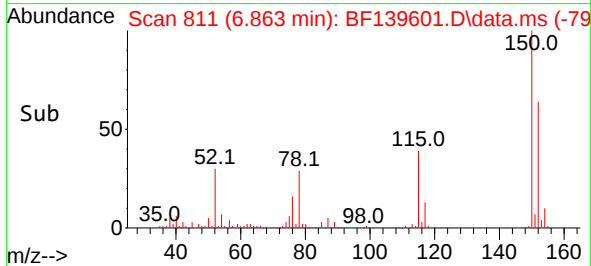


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1



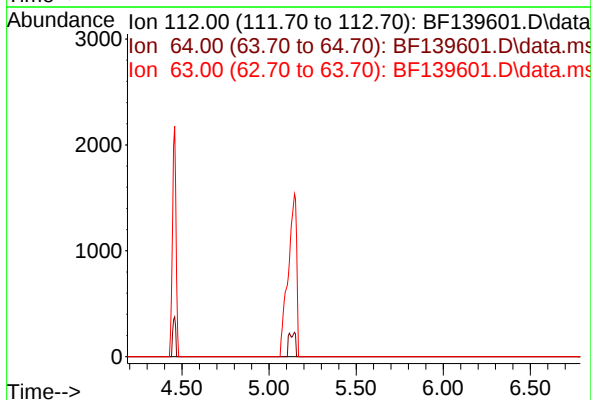
Tgt Ion:152 Resp: 88705
Ion Ratio Lower Upper
152 100
150 155.1 127.2 190.8
115 60.8 49.0 73.4

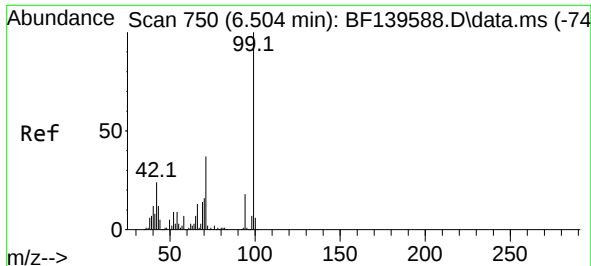


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

Tgt Ion: 112
Sig Exp Ratio
112 100
64 67.8
63 36.8

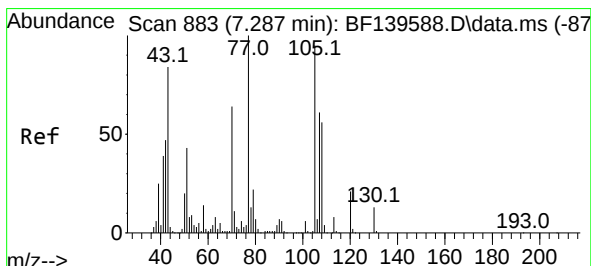
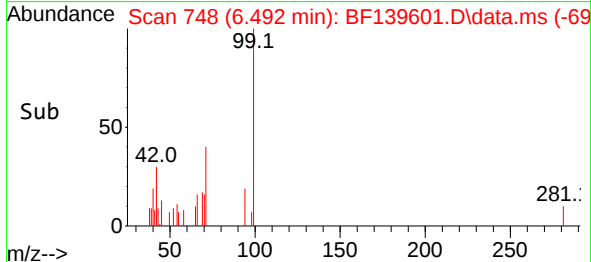
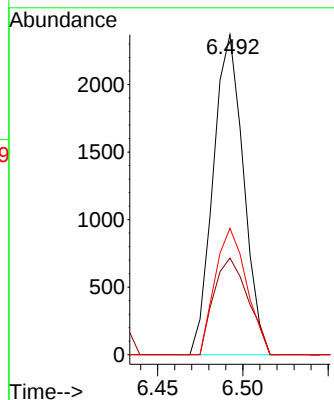
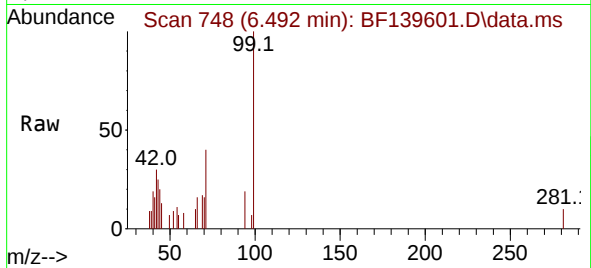




#7
Phenol-d6
Concen: 0.426 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

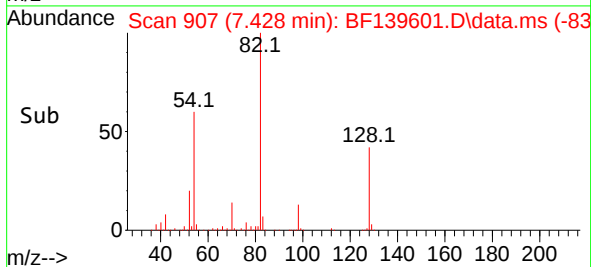
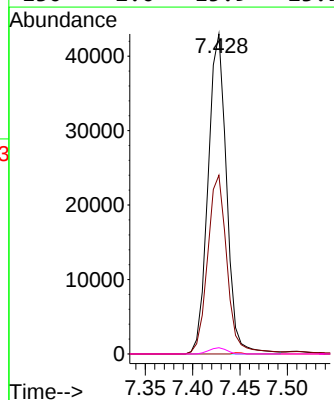
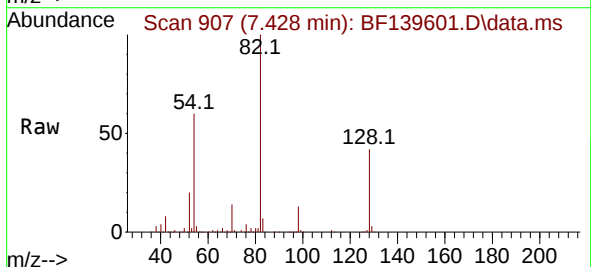
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

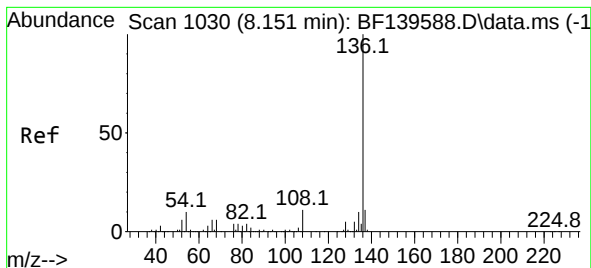
Tgt Ion: 99 Resp: 2931
Ion Ratio Lower Upper
99 100
42 30.2 19.1 28.7#
71 39.5 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.195 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

Tgt Ion: 70 Resp: 58386
Ion Ratio Lower Upper
70 100
42 55.8 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 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: BF139601.D

Acq: 02 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1

Tgt Ion:136 Resp: 335953

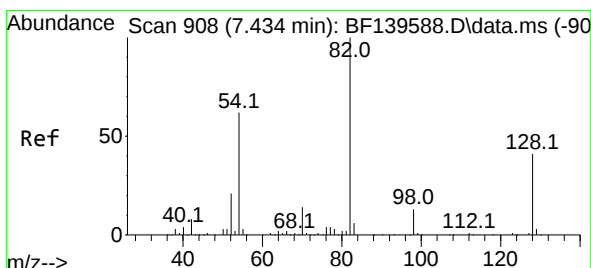
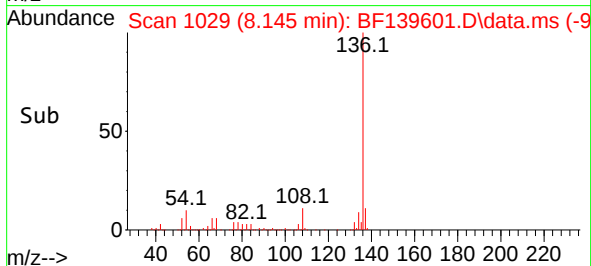
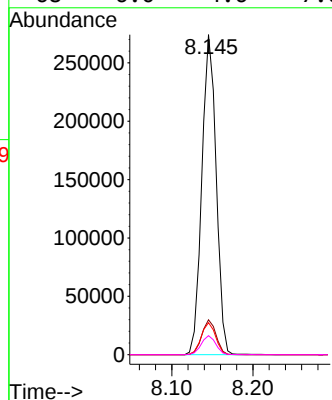
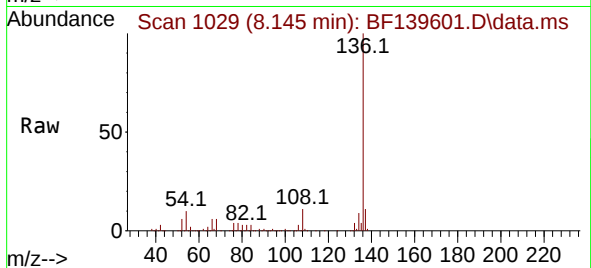
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.0 8.3 12.5

68 6.0 4.6 7.0



#23

Nitrobenzene-d5

Concen: 61.343 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139601.D

Acq: 02 Oct 2024 12:39

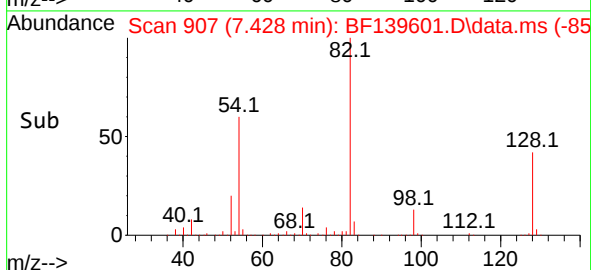
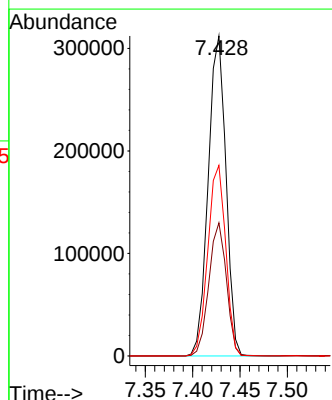
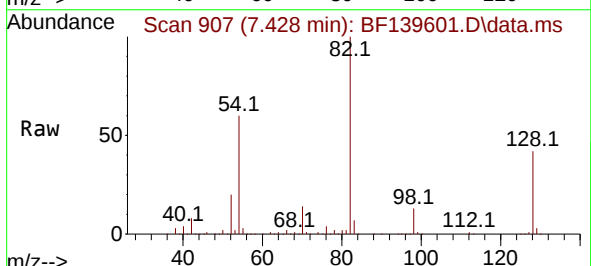
Tgt Ion: 82 Resp: 407039

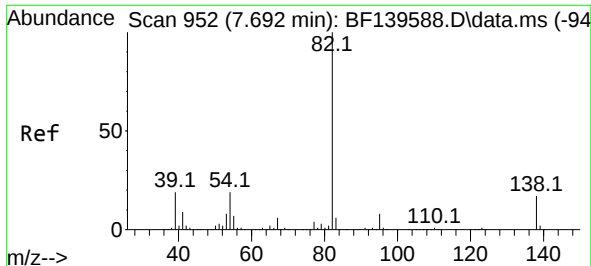
Ion Ratio Lower Upper

82 100

128 41.6 32.4 48.6

54 59.5 49.1 73.7

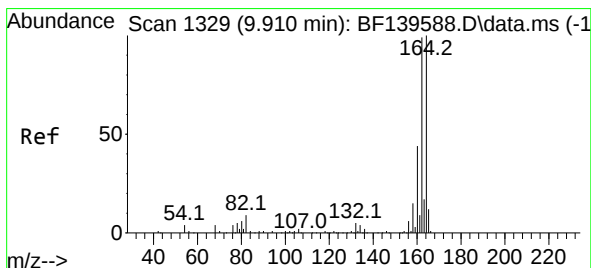
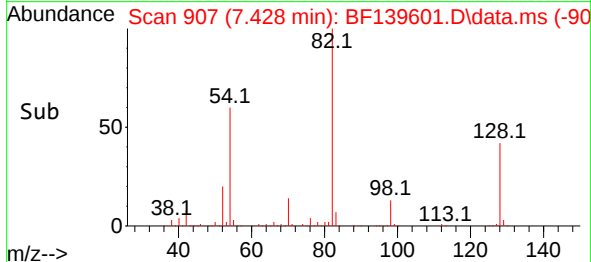
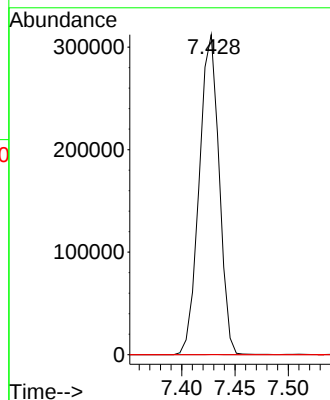
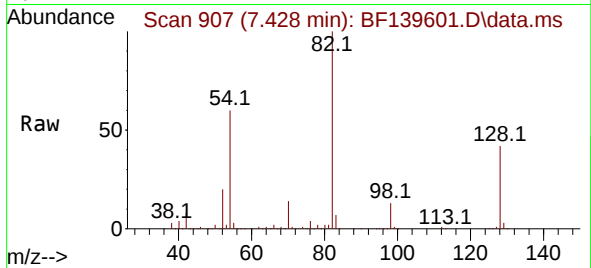




#25
Isophorone
Concen: 34.371 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

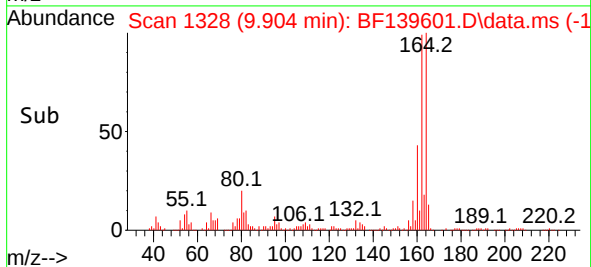
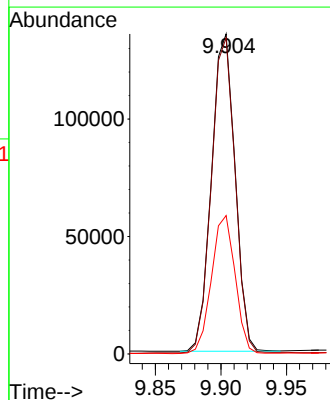
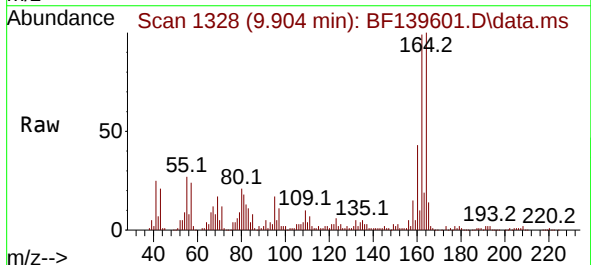
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

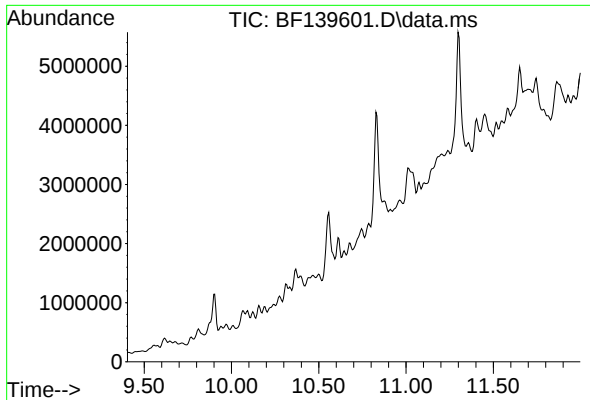
Tgt Ion: 82 Resp: 405069
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

Tgt Ion: 164 Resp: 168830
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 43.3 35.1 52.7



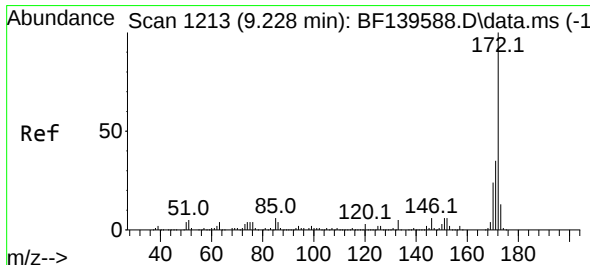
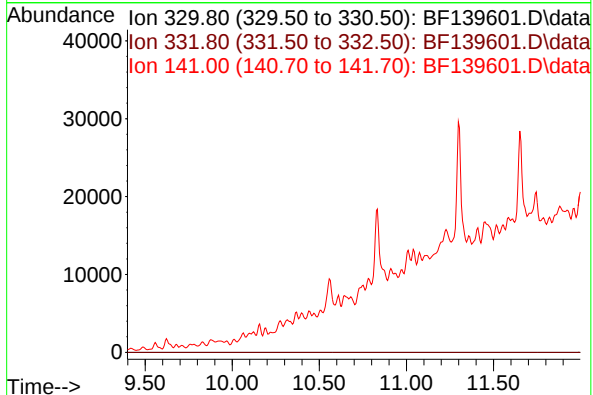


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF139601.D
 Acq: 02 Oct 2024 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1

Tgt Ion: 330

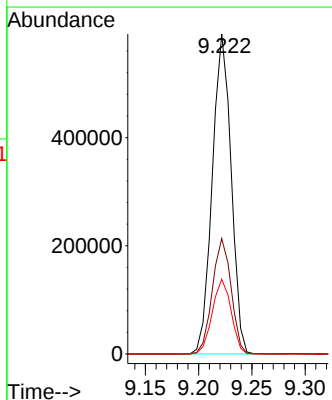
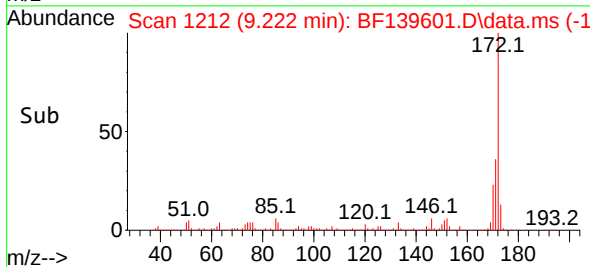
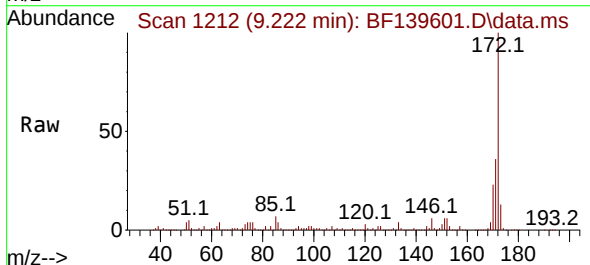
Sig	Exp Ratio
330	100
332	95.6
141	36.6

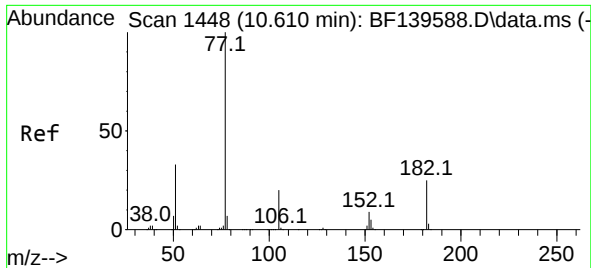


#45
 2-Fluorobiphenyl
 Concen: 66.119 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF139601.D
 Acq: 02 Oct 2024 12:39

Tgt Ion: 172 Resp: 727139

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.3	18.8	28.2

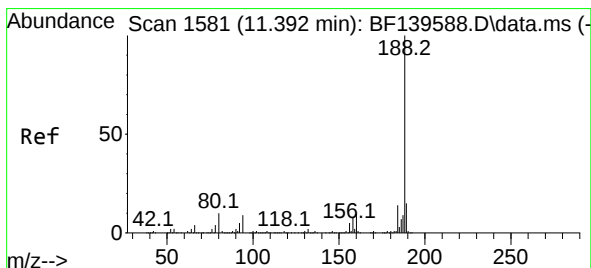
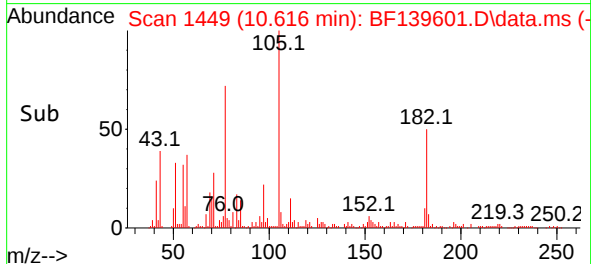
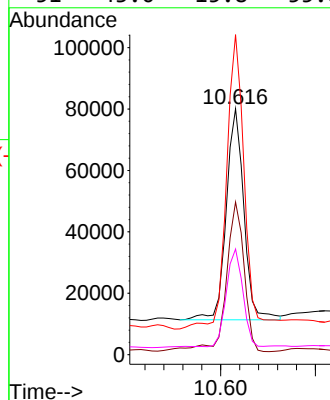
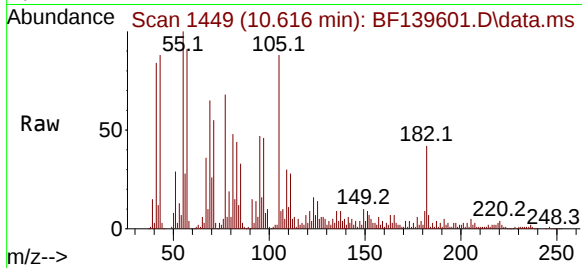




#63
Azobenzene
Concen: 7.761 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

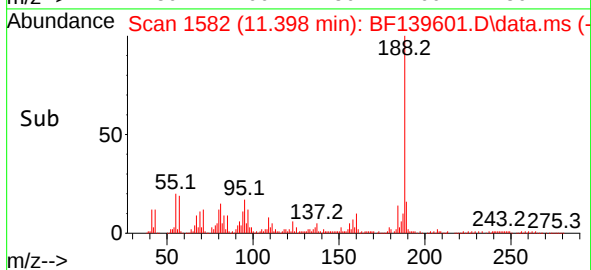
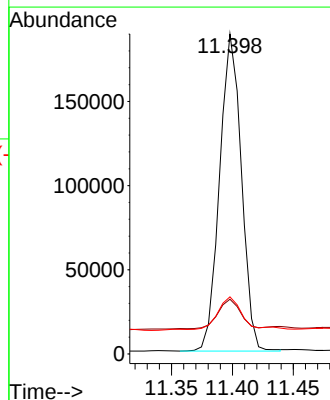
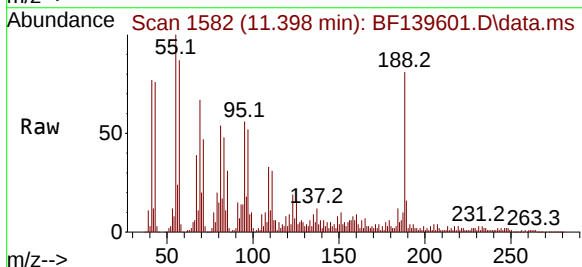
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

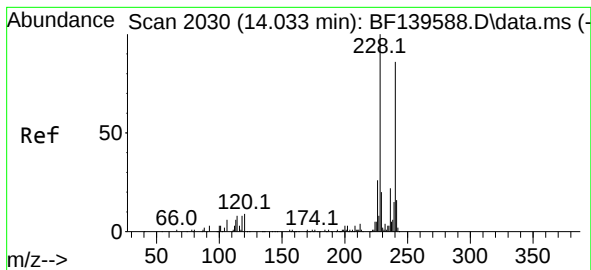
Tgt Ion: 77 Resp: 89090
Ion Ratio Lower Upper
77 100
182 62.1 4.2 44.2#
105 130.2 0.0 39.6#
51 43.0 15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF139601.D
Acq: 02 Oct 2024 12:39

Tgt Ion: 188 Resp: 234696
Ion Ratio Lower Upper
188 100
94 17.1 7.4 11.2#
80 17.8 8.2 12.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139601.D

Acq: 02 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1

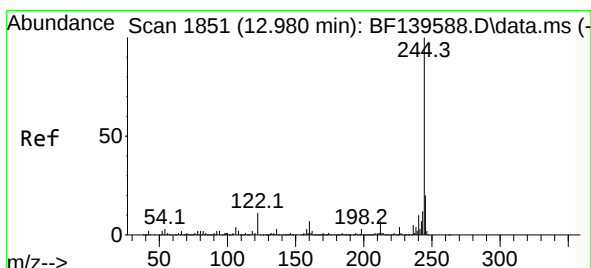
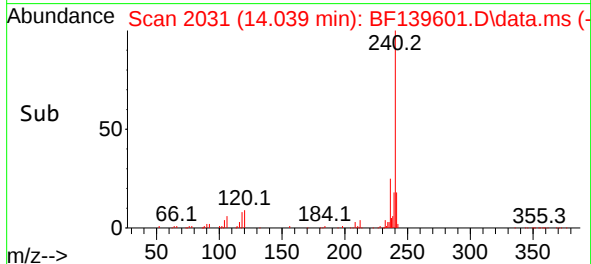
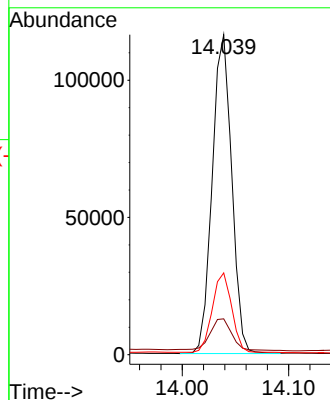
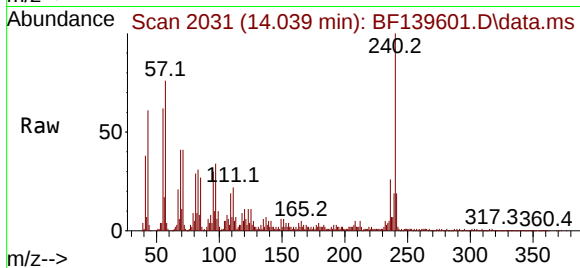
Tgt Ion:240 Resp: 147761

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 54.212 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.012 min

Lab File: BF139601.D

Acq: 02 Oct 2024 12:39

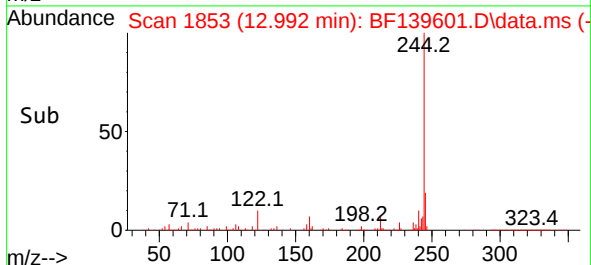
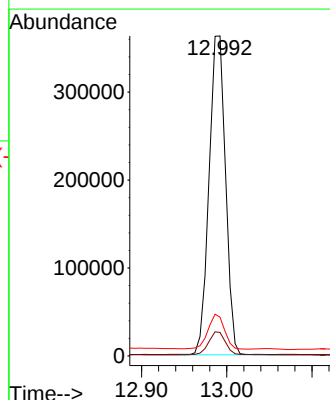
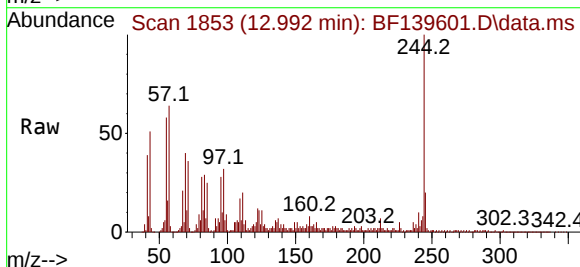
Tgt Ion:244 Resp: 488193

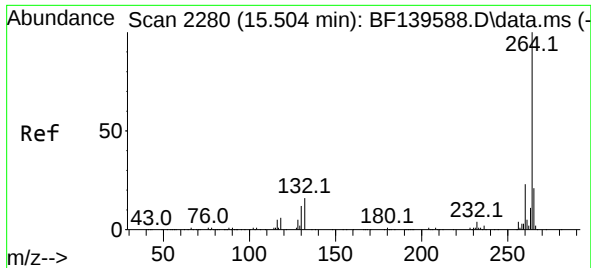
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 12.1 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: BF139601.D
 Acq: 02 Oct 2024 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1

Tgt Ion:264	Resp:	167581
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.7 28.1
265	21.2	16.9 25.3

