

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139730.D
 Acq On : 09 Oct 2024 18:57
 Operator : RC/JU
 Sample : P4356-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: Oct 10 01:11:48 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)

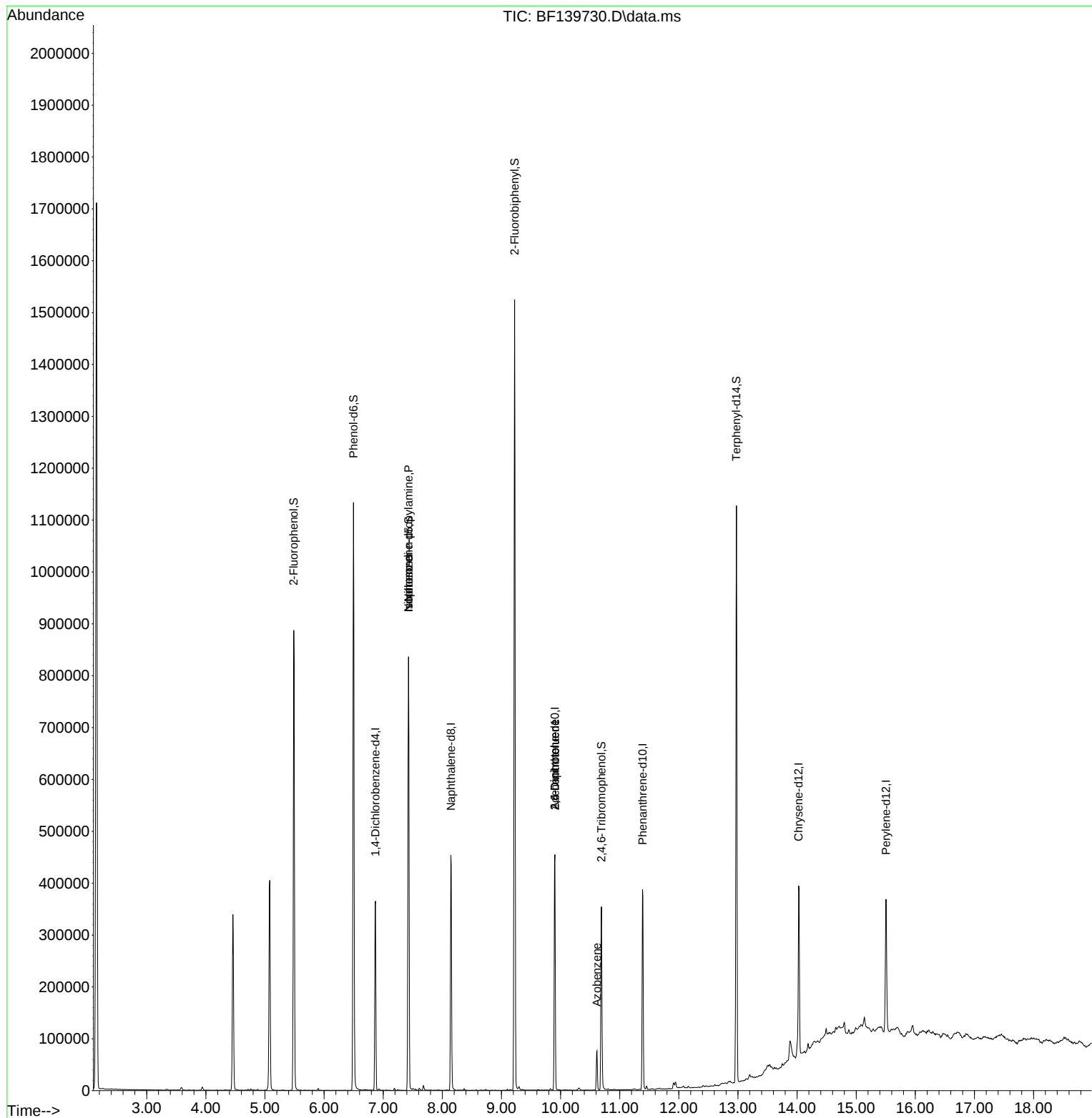
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75811	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	275697	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	137243	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	211020	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158545	20.000	ng	0.00
86) Perylene-d12	15.504	264	147315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	304811	69.688	ng	0.00
7) Phenol-d6	6.498	99	490451	83.382	ng	0.00
23) Nitrobenzene-d5	7.428	82	348994	64.091	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	54540	41.167	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	641389	71.745	ng	0.00
79) Terphenyl-d14	12.974	244	526392	54.478	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	47630	12.595	ng	# 75
25) Isophorone	7.428	82	346905	35.869	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17018	8.385	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	17018	6.415	ng	# 17
63) Azobenzene	10.616	77	20200	2.165	ng	# 1

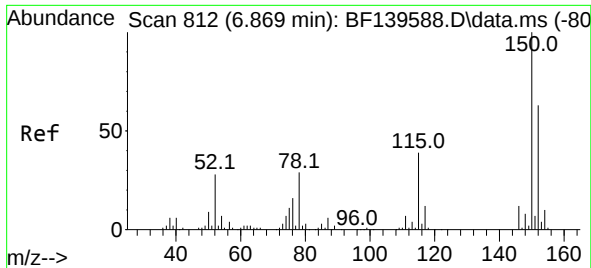
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
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Quant Time: Oct 10 01:11:48 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

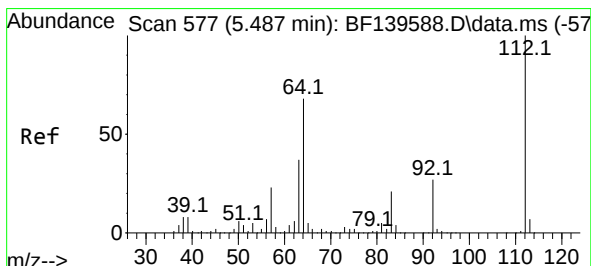
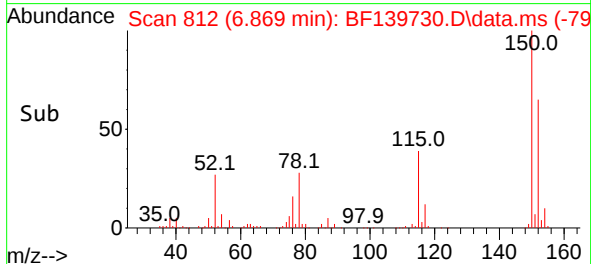
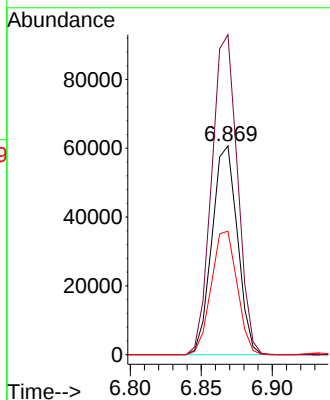
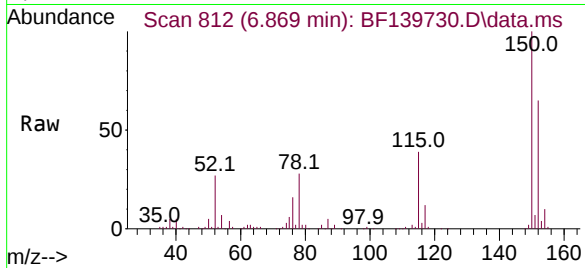




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

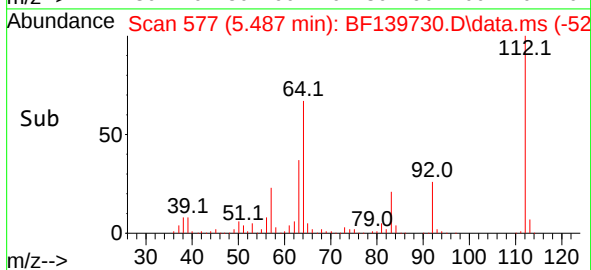
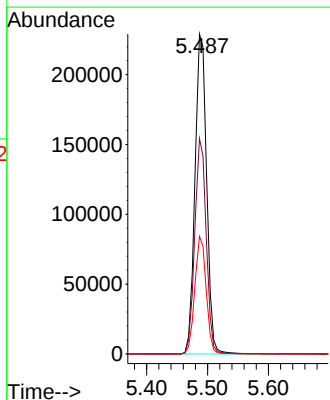
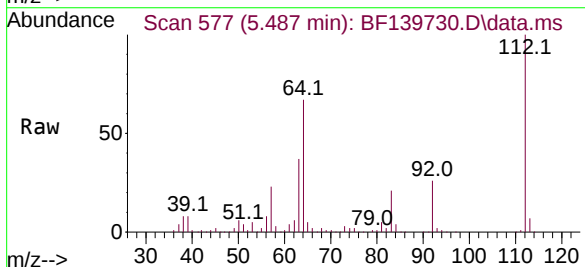
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

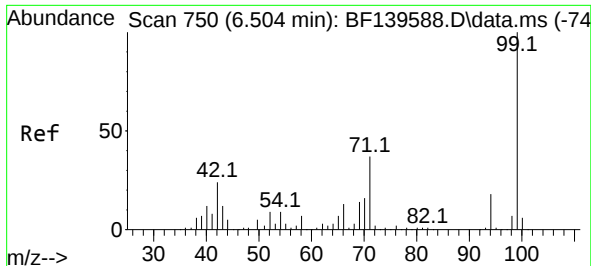
Tgt Ion:152 Resp: 75811
Ion Ratio Lower Upper
152 100
150 153.2 127.2 190.8
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 69.688 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

Tgt Ion:112 Resp: 304811
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.7 29.4 44.2

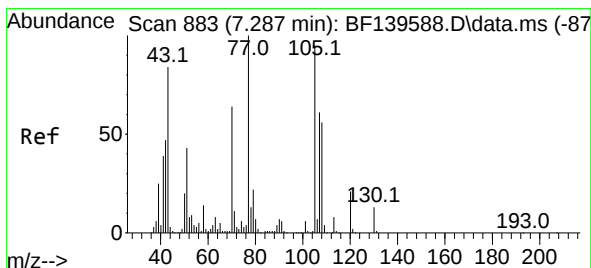
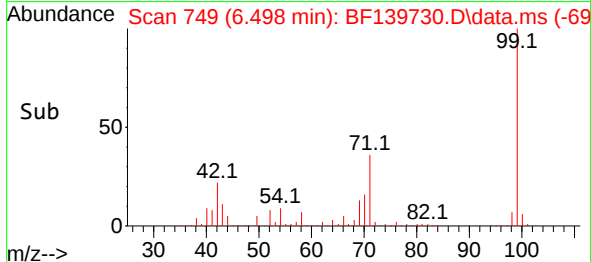
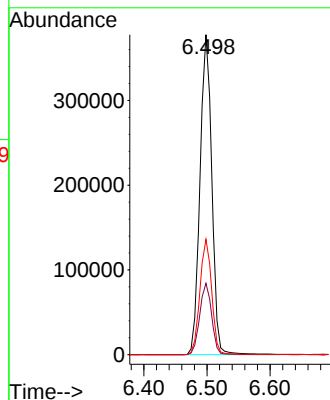
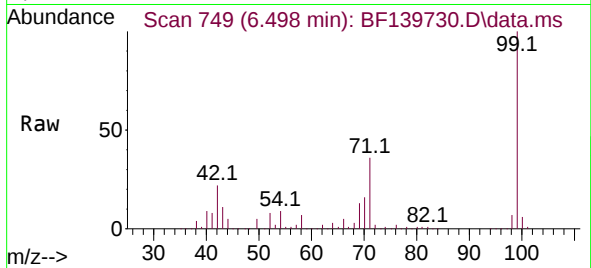




#7
Phenol-d6
Concen: 83.382 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

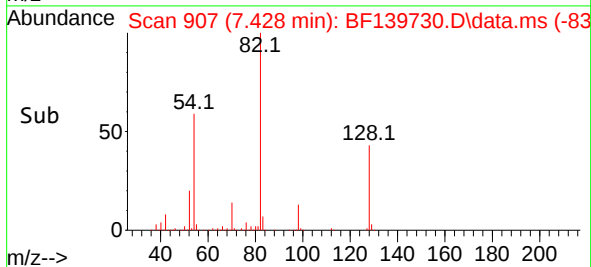
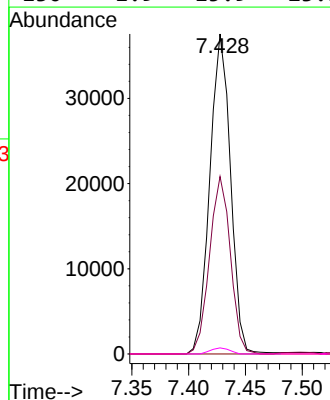
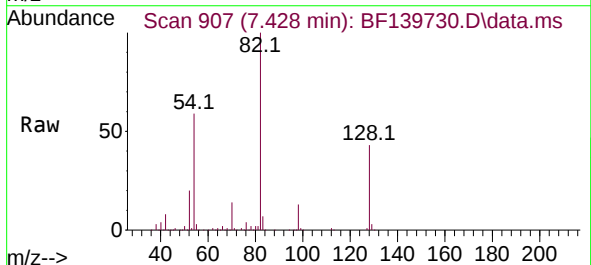
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

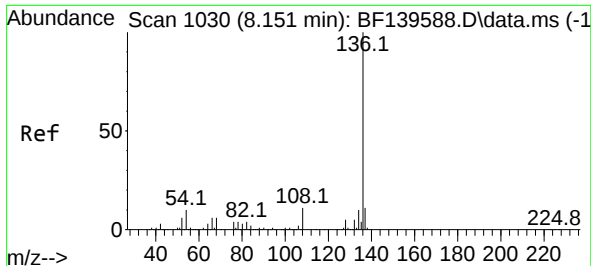
Tgt Ion: 99 Resp: 490451
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 36.1 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.595 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

Tgt Ion: 70 Resp: 47630
Ion Ratio Lower Upper
70 100
42 55.5 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#

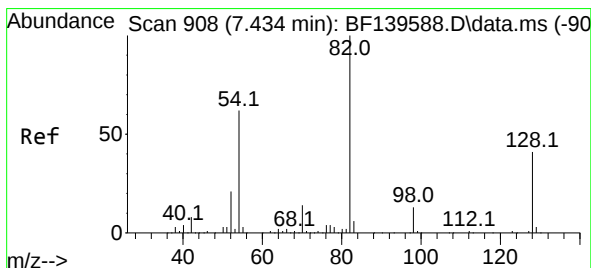
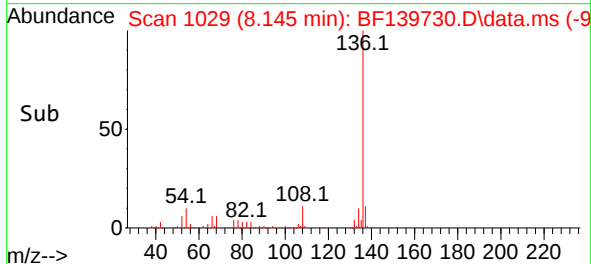
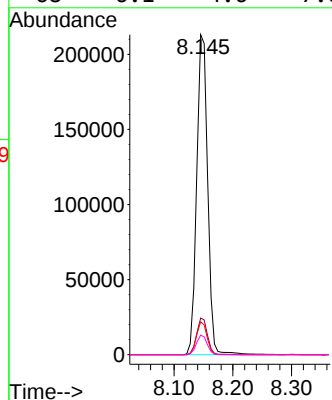
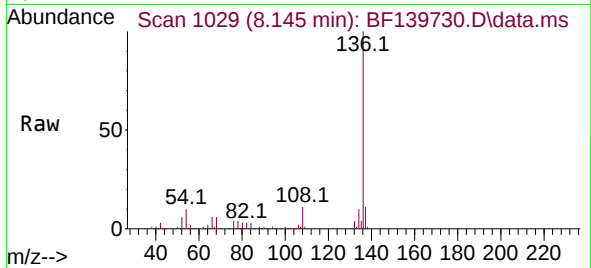




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

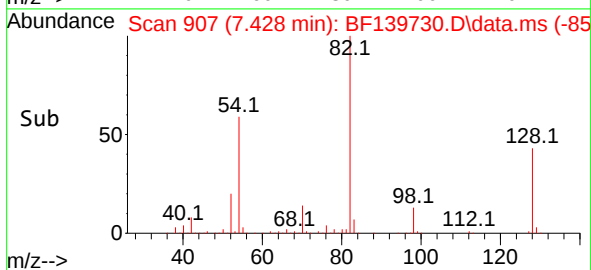
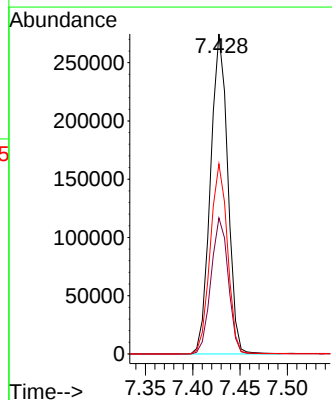
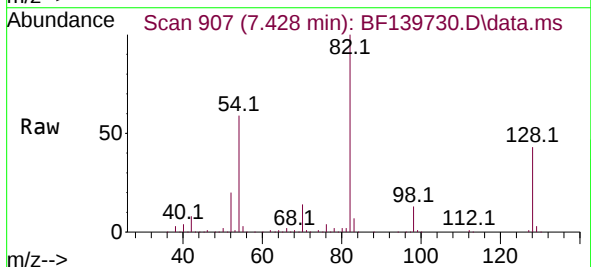
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

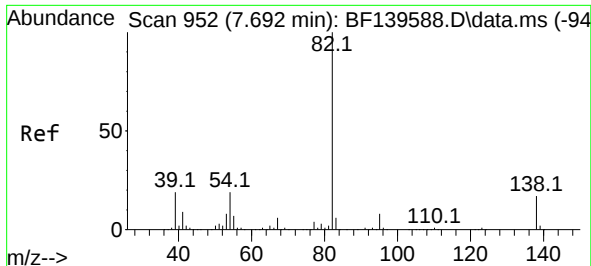
Tgt Ion:136 Resp: 275697
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.3 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 64.091 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

Tgt Ion: 82 Resp: 348994
Ion Ratio Lower Upper
82 100
128 42.5 32.4 48.6
54 59.4 49.1 73.7

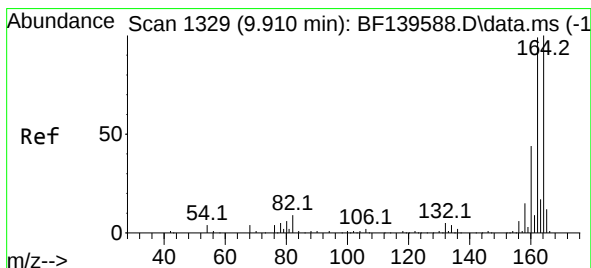
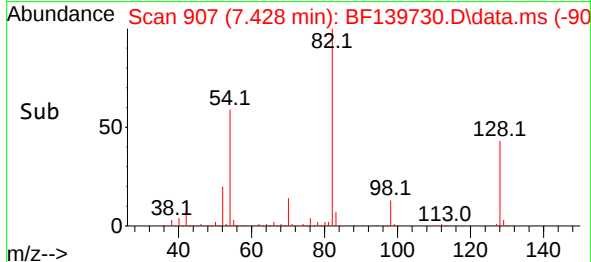
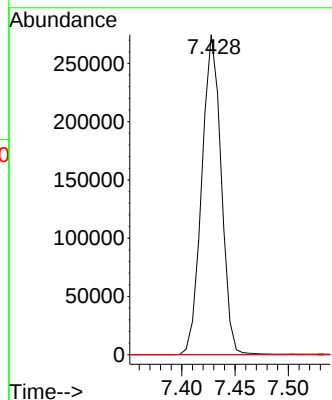
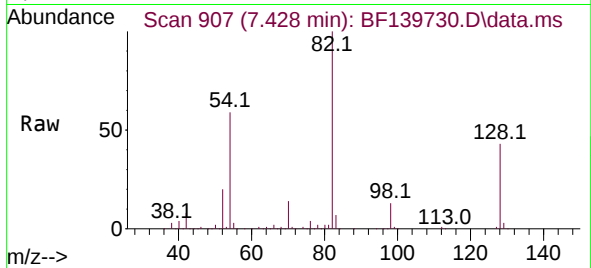




#25
Isophorone
Concen: 35.869 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

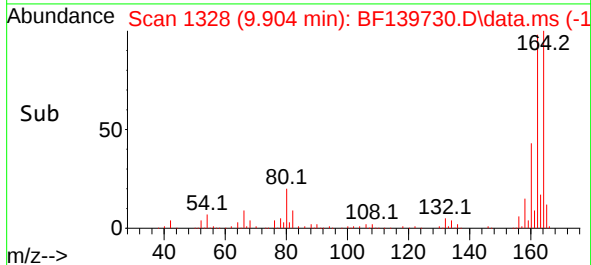
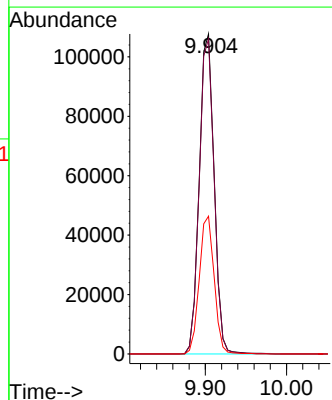
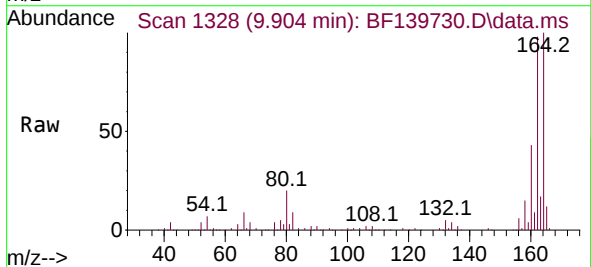
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

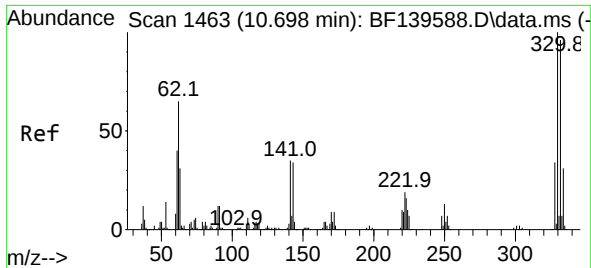
Tgt Ion: 82 Resp: 346905
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

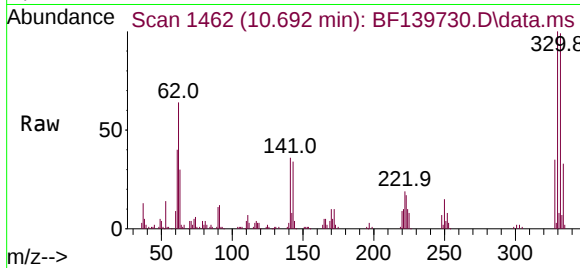
Tgt Ion:164 Resp: 137243
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.0 35.1 52.7



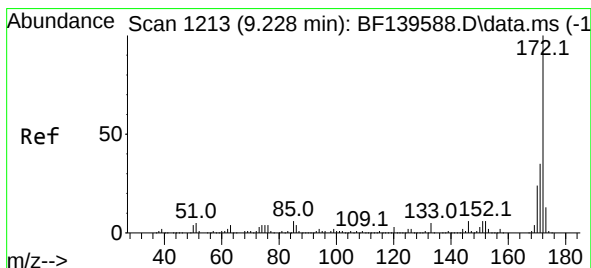
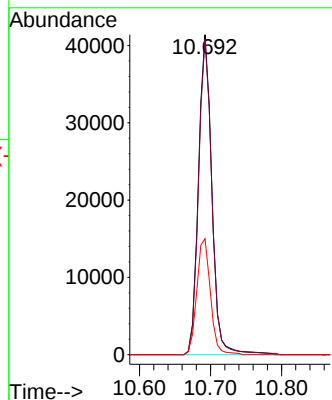
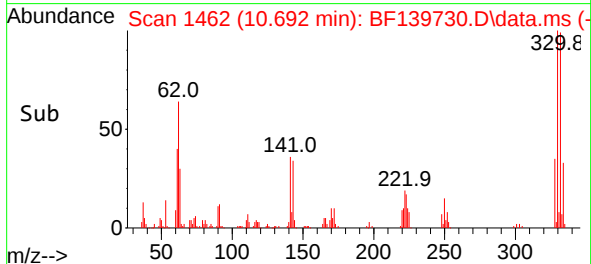


#42
2,4,6-Tribromophenol
Concen: 41.167 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

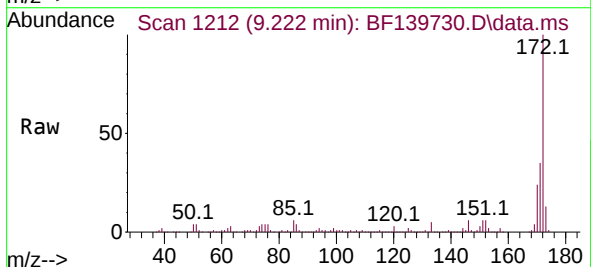
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1



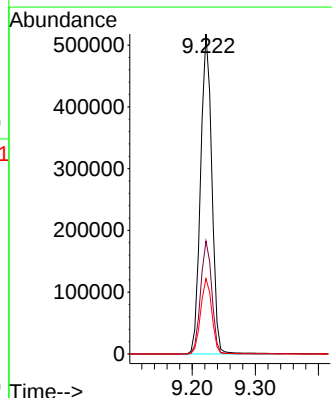
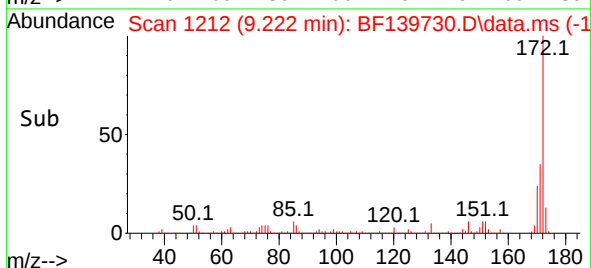
Tgt Ion: 330 Resp: 54540
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 36.8 29.3 43.9

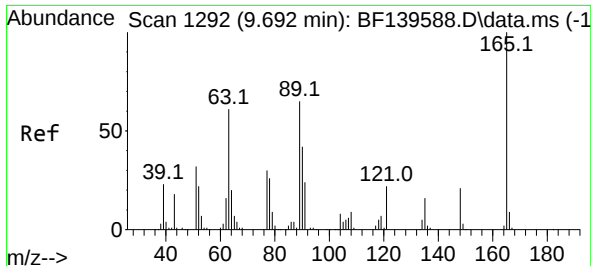


#45
2-Fluorobiphenyl
Concen: 71.745 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57



Tgt Ion: 172 Resp: 641389
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.385 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.212 min

Lab File: BF139730.D

Acq: 09 Oct 2024 18:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

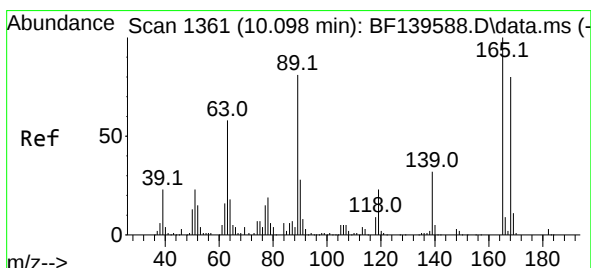
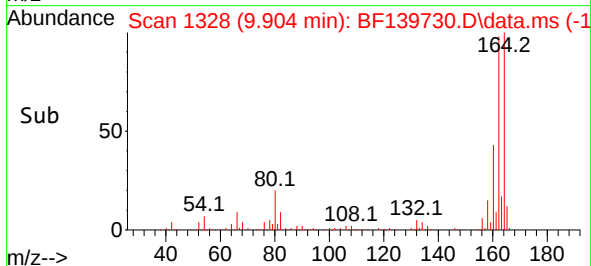
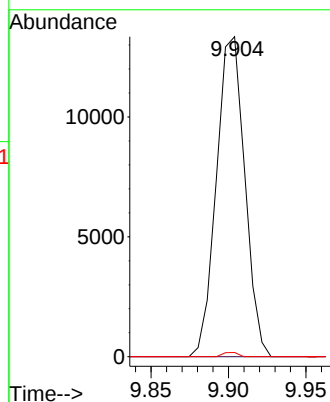
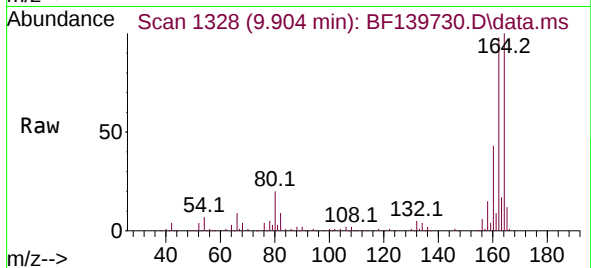
Tgt Ion:165 Resp: 17018

Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 1.3 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.415 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF139730.D

Acq: 09 Oct 2024 18:57

Tgt Ion:165 Resp: 17018

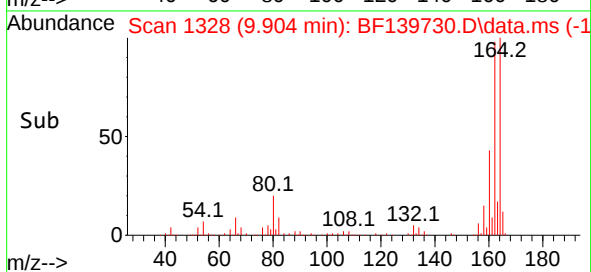
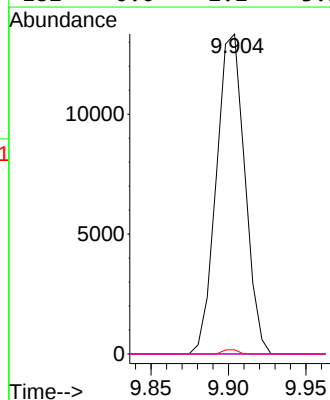
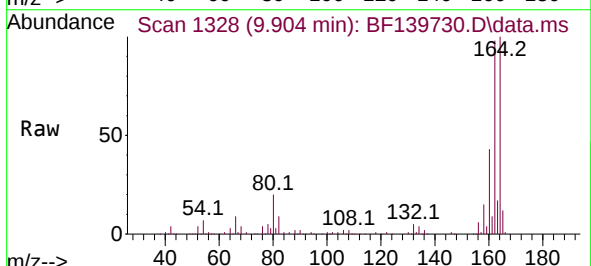
Ion Ratio Lower Upper

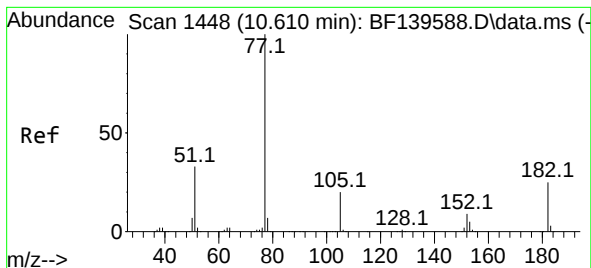
165 100

63 0.0 46.9 70.3#

89 1.3 64.4 96.6#

182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.165 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139730.D

Acq: 09 Oct 2024 18:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

Tgt Ion: 77 Resp: 20200

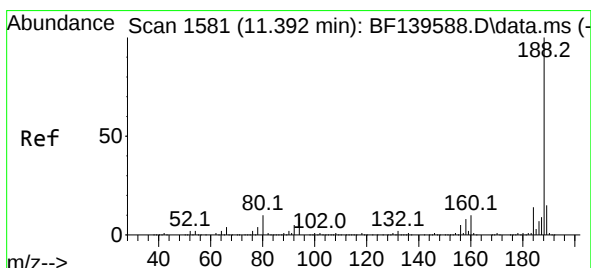
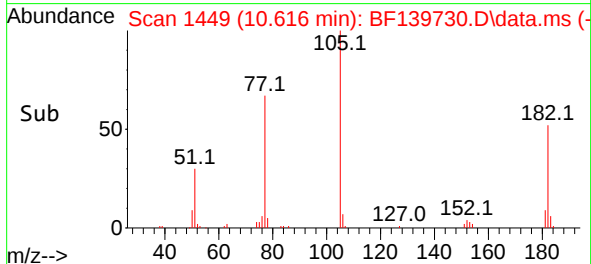
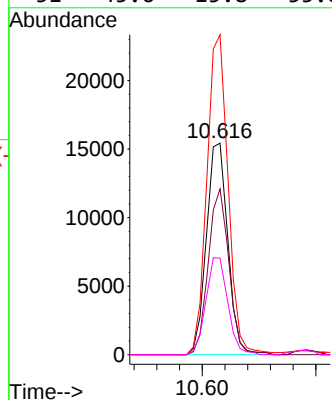
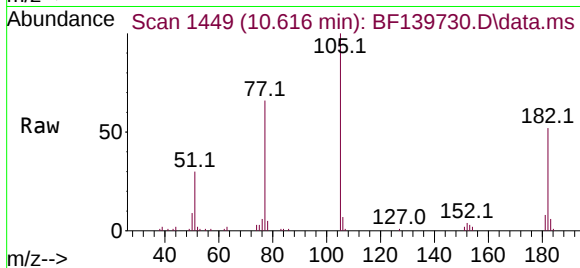
Ion Ratio Lower Upper

77 100

182 78.4 4.2 44.2#

105 151.3 0.0 39.6#

51 45.6 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139730.D

Acq: 09 Oct 2024 18:57

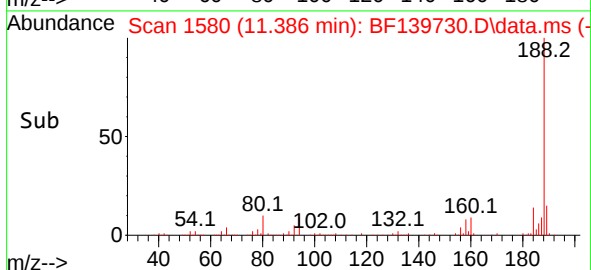
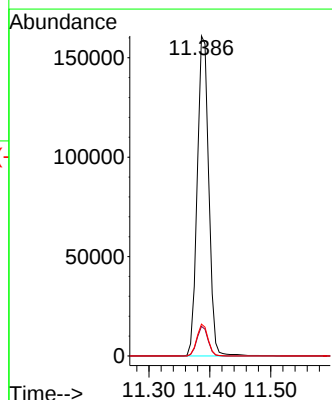
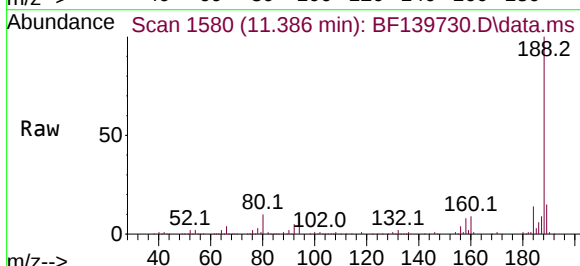
Tgt Ion:188 Resp: 211020

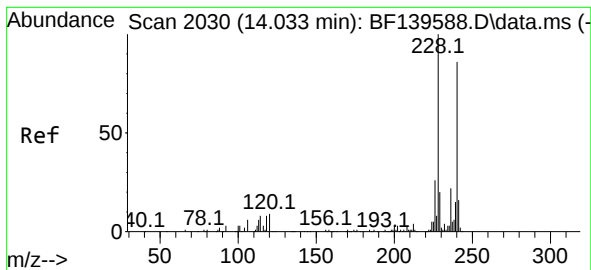
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.9 8.2 12.2

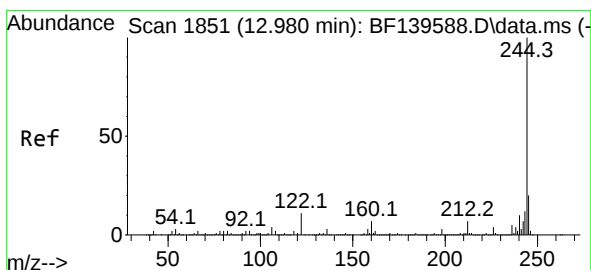
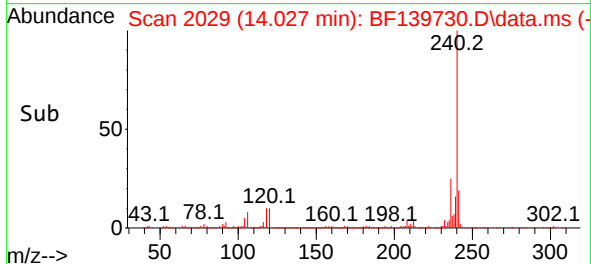
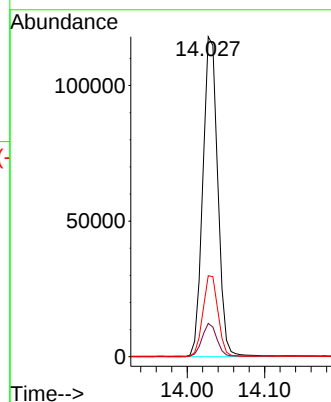
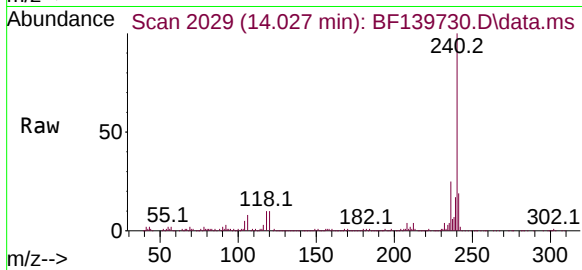




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

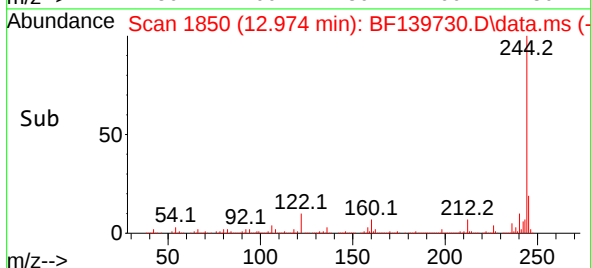
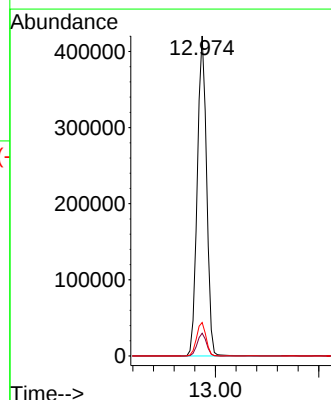
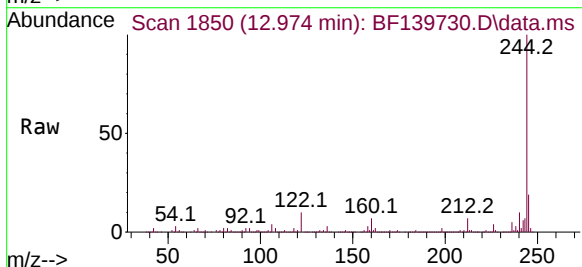
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

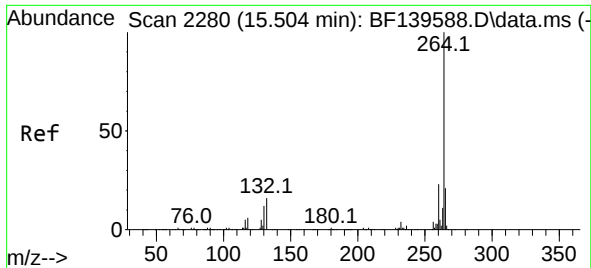
Tgt Ion:240 Resp: 158545
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 54.478 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139730.D
Acq: 09 Oct 2024 18:57

Tgt Ion:244 Resp: 526392
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.5 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: BF139730.D
 Acq: 09 Oct 2024 18:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion:264 Resp: 147315
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.2 16.9 25.3

