

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139796.D
 Acq On : 14 Oct 2024 18:54
 Operator : RC/JU
 Sample : P4375-11RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-6

Quant Time: Oct 15 01:12:47 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)

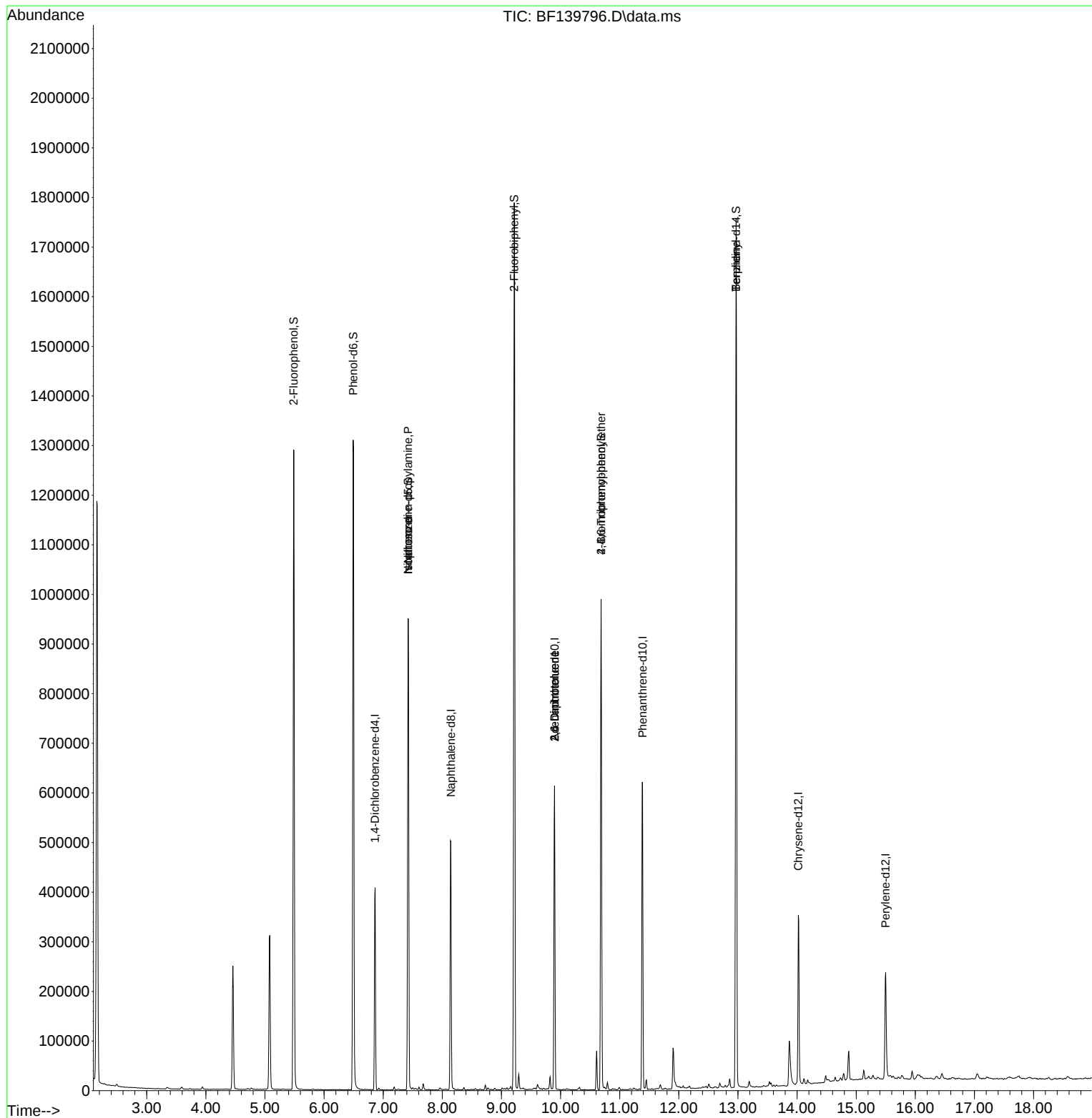
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85358	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	318524	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	181505	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	343378	20.000	ng	0.00
76) Chrysene-d12	14.021	240	173919	20.000	ng	-0.01
86) Perylene-d12	15.498	264	135386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	445235	90.408	ng	0.00
7) Phenol-d6	6.492	99	616066	93.023	ng	-0.01
23) Nitrobenzene-d5	7.422	82	414865	65.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	150482	85.885	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	790175	66.834	ng	-0.01
79) Terphenyl-d14	12.968	244	857036	80.857	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	54184	12.726	ng	# 76
25) Isophorone	7.422	82	409701	36.666	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23418	8.725	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	23418	6.675	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	9893	2.810	ng	# 1
77) Benzidine	12.968	184	11330	3.693	ng	# 91

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

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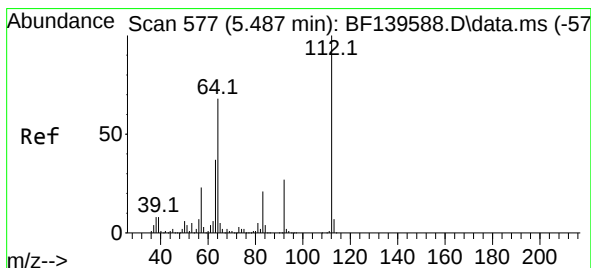
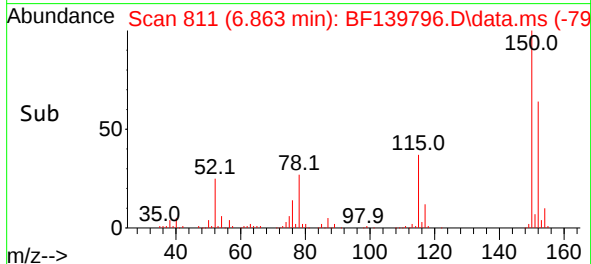
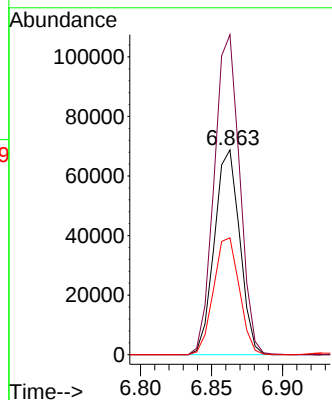
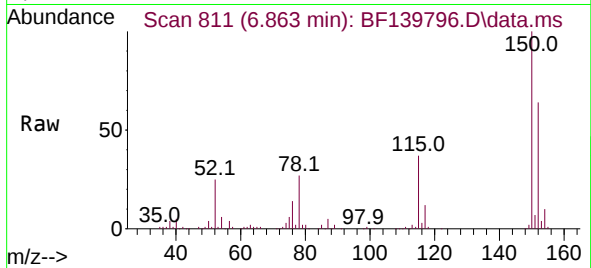




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

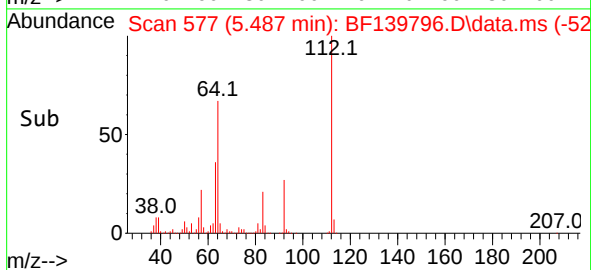
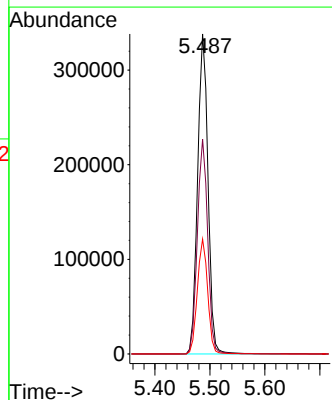
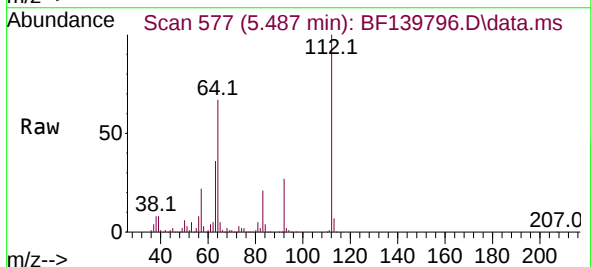
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

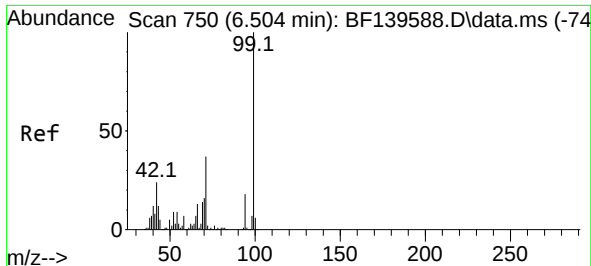
Tgt Ion:152 Resp: 85358
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 57.1 49.0 73.4



#5
2-Fluorophenol
Concen: 90.408 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion:112 Resp: 445235
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 35.9 29.4 44.2

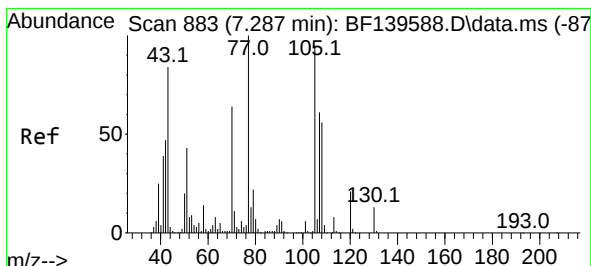
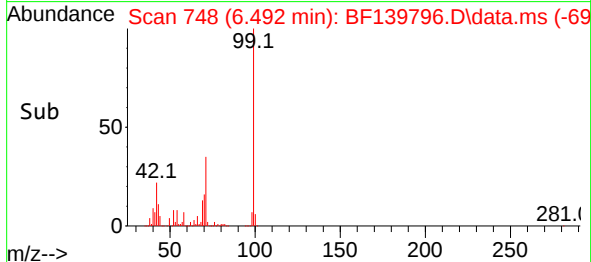
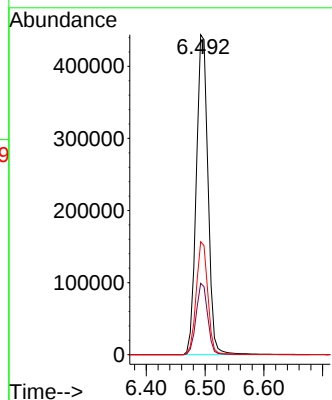
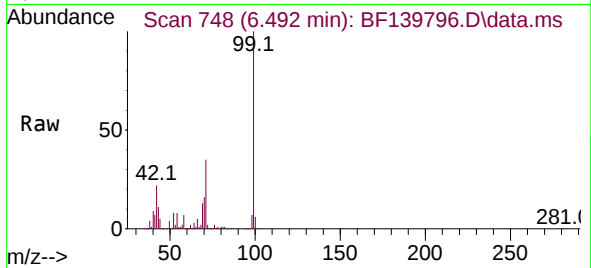




#7
Phenol-d6
Concen: 93.023 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

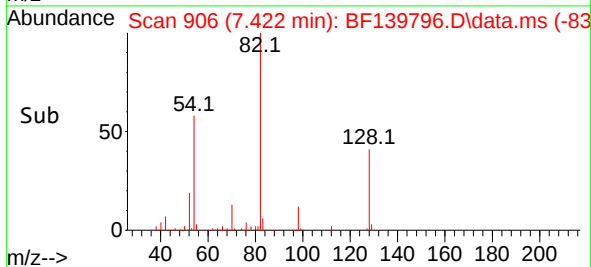
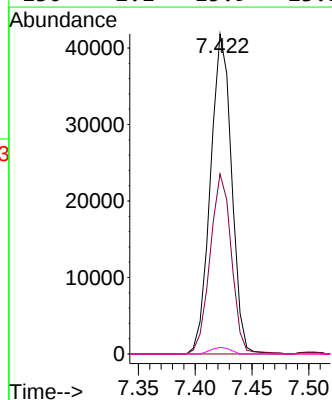
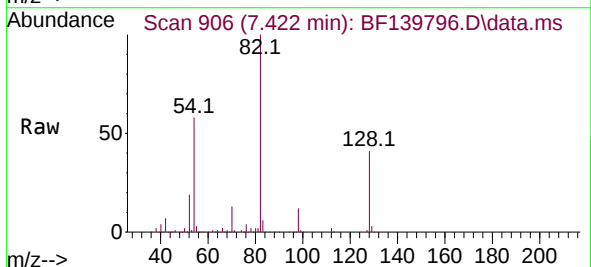
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion: 99 Resp: 616066
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 35.3 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.726 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion: 70 Resp: 54184
Ion Ratio Lower Upper
70 100
42 56.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#



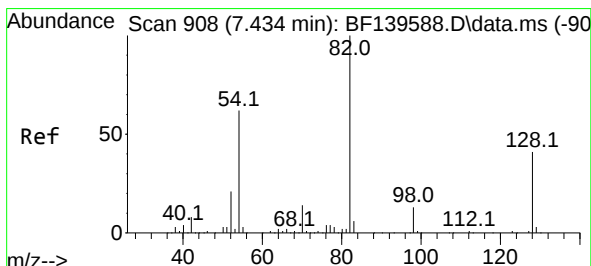
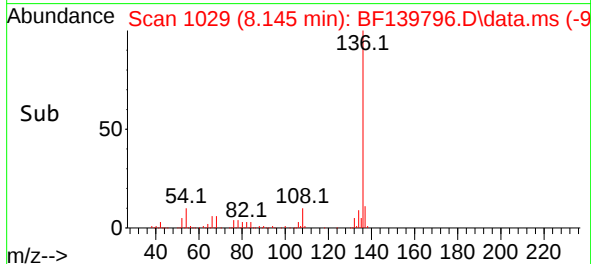
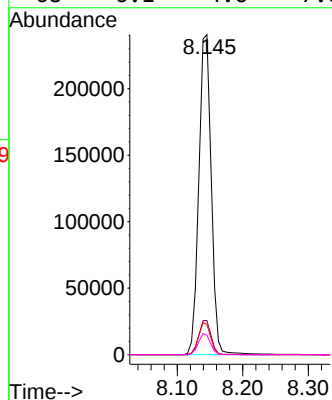
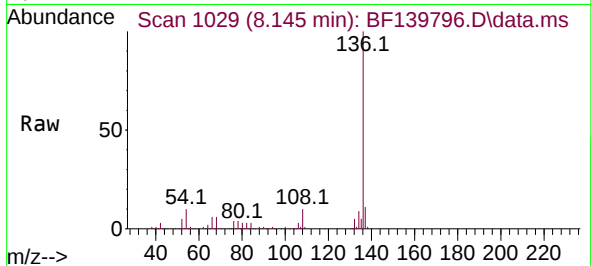


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion:136 Resp: 318524

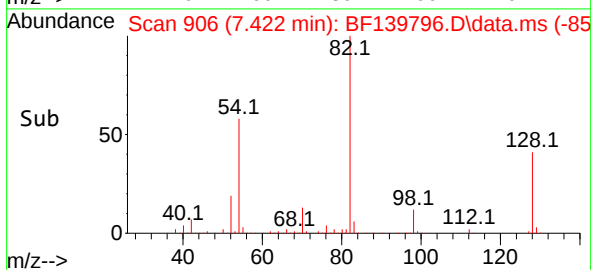
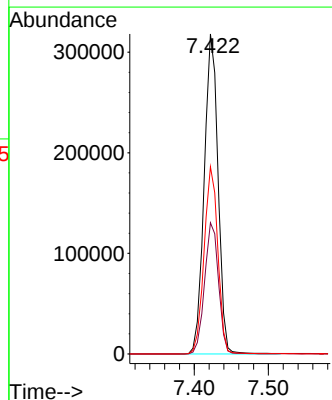
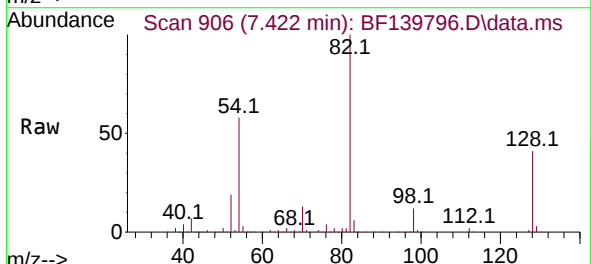
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.5	8.3	12.5
68	6.1	4.6	7.0



#23
Nitrobenzene-d5
Concen: 65.944 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion: 82 Resp: 414865

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.4	48.6
54	58.5	49.1	73.7

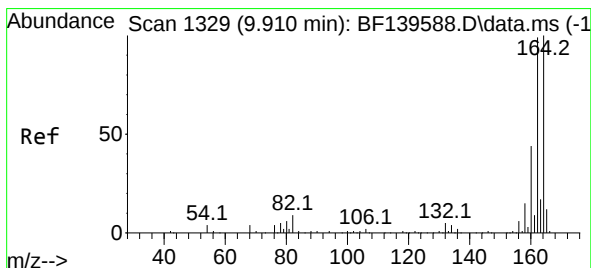
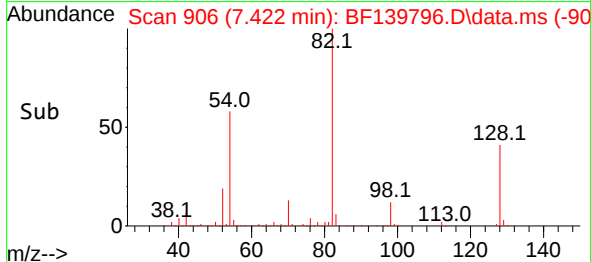
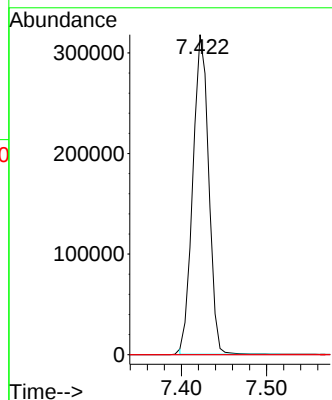
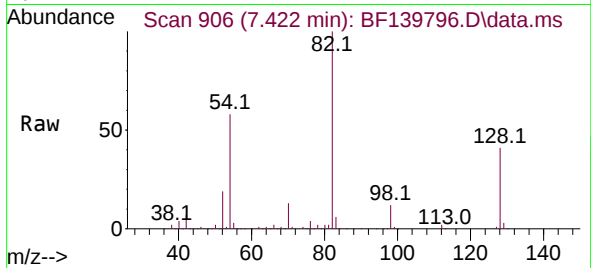




#25
Isophorone
Concen: 36.666 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

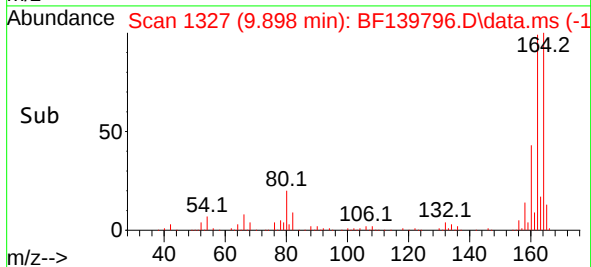
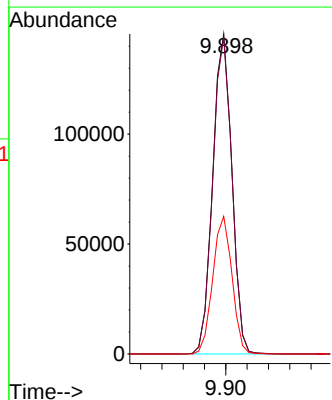
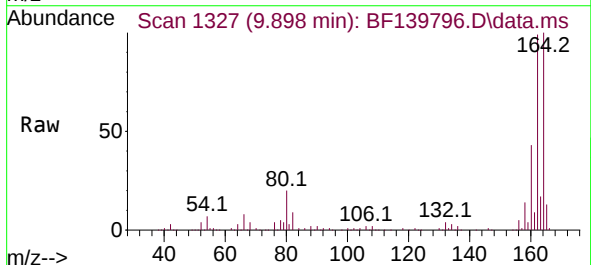
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6

Tgt Ion: 82 Resp: 409701
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: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion:164 Resp: 181505
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 85.885 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139796.D

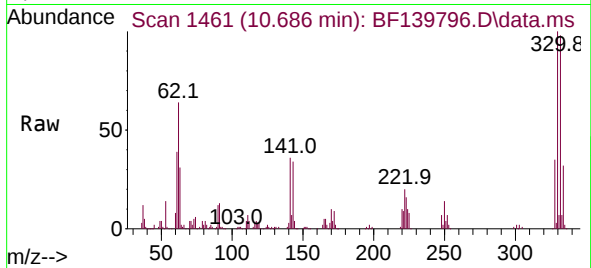
Acq: 14 Oct 2024 18:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6



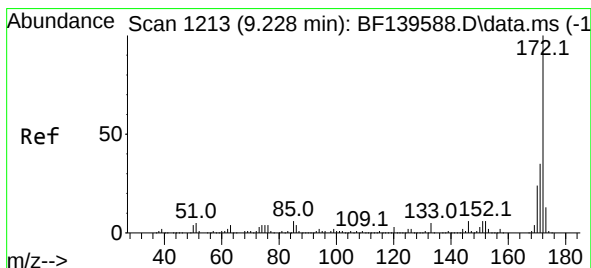
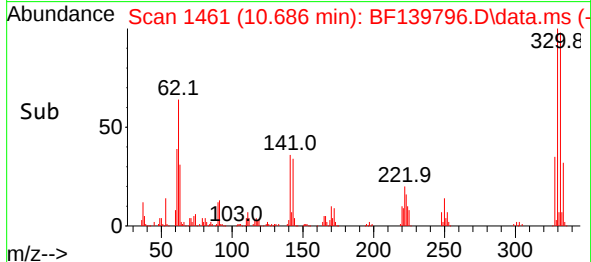
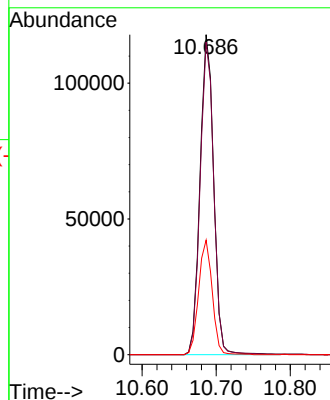
Tgt Ion:330 Resp: 150482

Ion Ratio Lower Upper

330 100

332 97.5 76.5 114.7

141 35.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 66.834 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139796.D

Acq: 14 Oct 2024 18:54

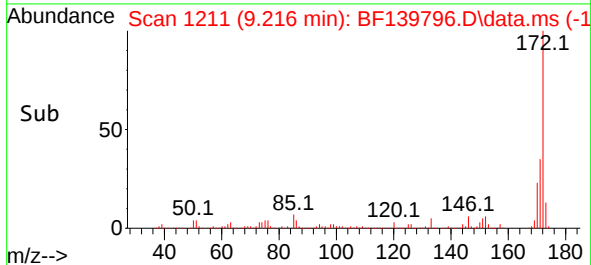
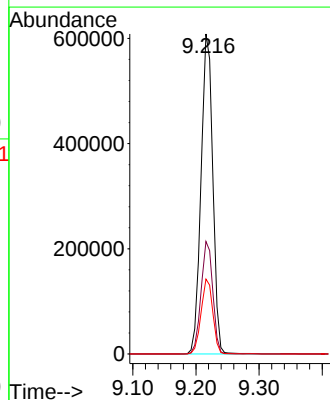
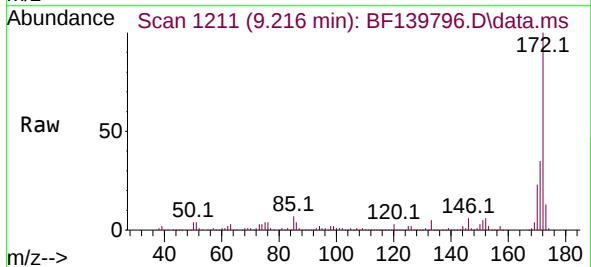
Tgt Ion:172 Resp: 790175

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 18.8 28.2

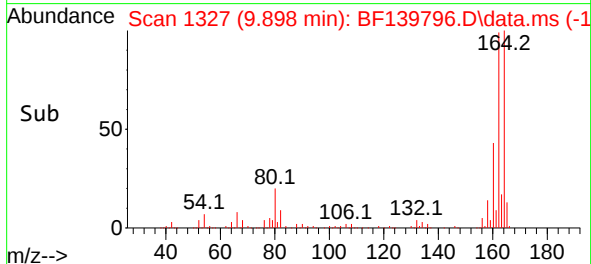
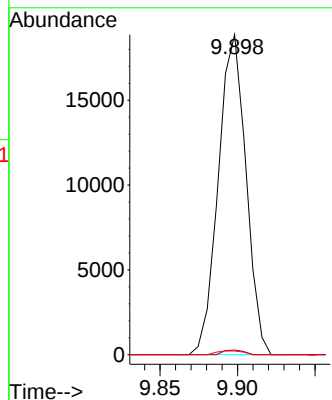
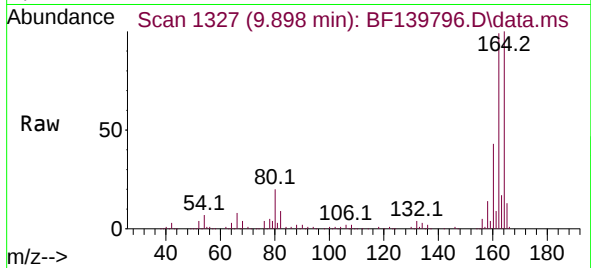




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

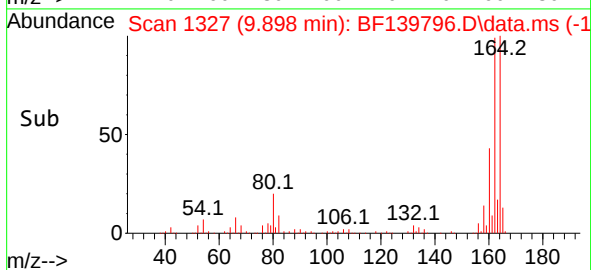
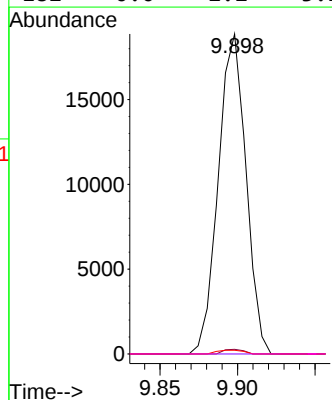
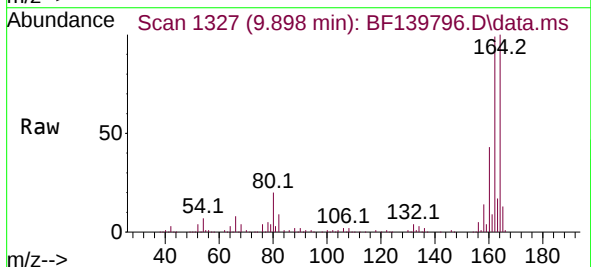
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BNA_F
ClientSampleId :
CONCRETE-PADS-6

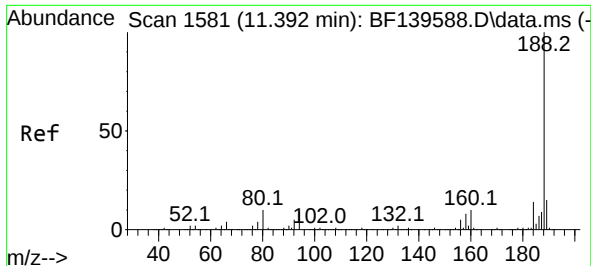
Tgt Ion:165 Resp: 23418
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion:165 Resp: 23418
Ion Ratio Lower Upper
165 100
63 1.5 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#

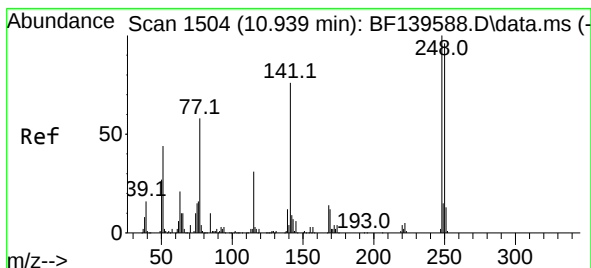
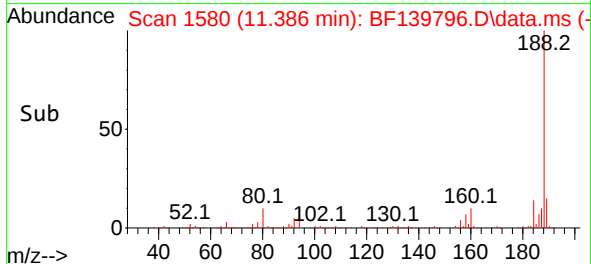
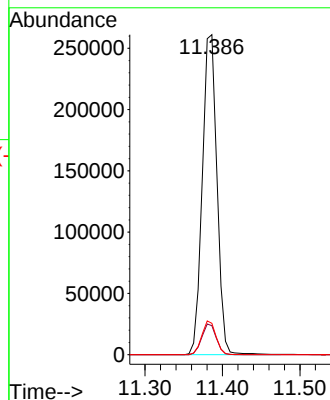
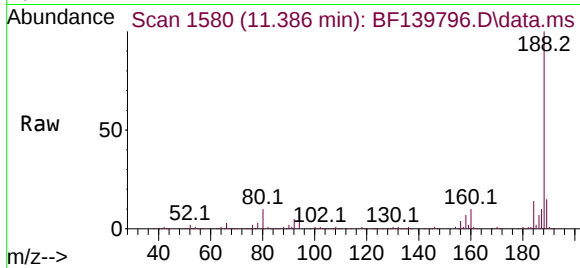




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

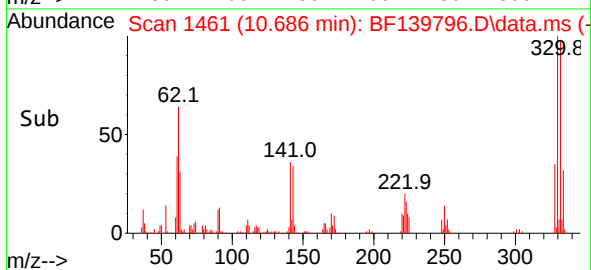
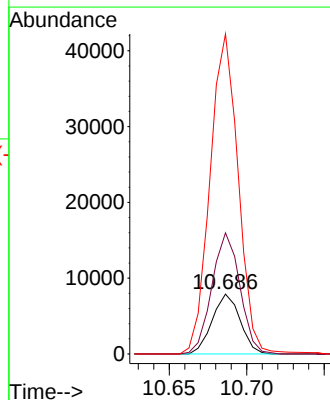
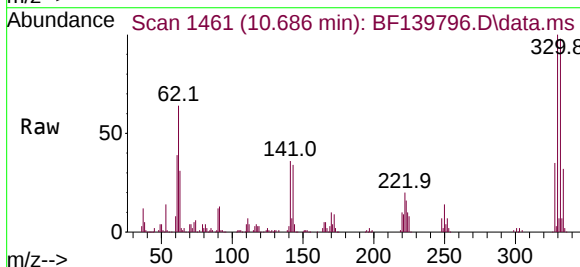
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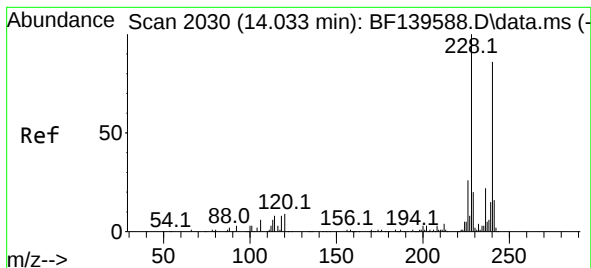
Tgt Ion:188 Resp: 343378
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion:248 Resp: 9893
Ion Ratio Lower Upper
248 100
250 202.6 77.1 115.7#
141 535.2 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF139796.D

Acq: 14 Oct 2024 18:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-6

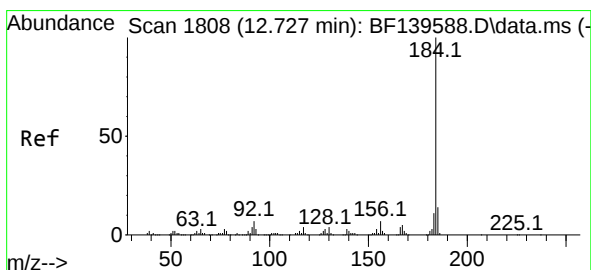
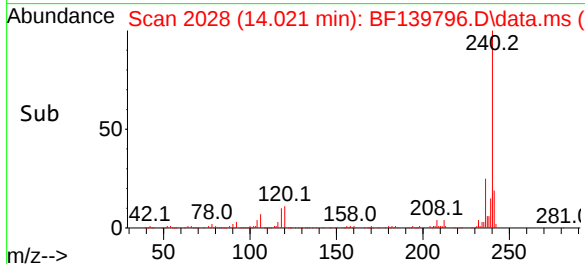
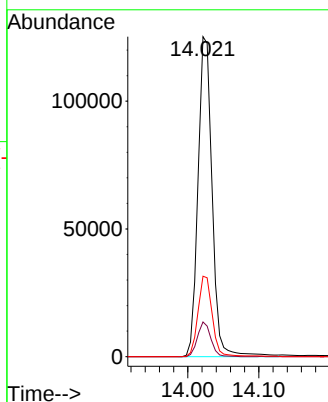
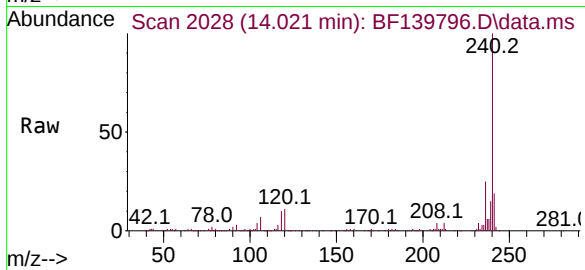
Tgt Ion:240 Resp: 173919

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 25.1 20.3 30.5



#77

Benzidine

Concen: 3.693 ng

RT: 12.968 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139796.D

Acq: 14 Oct 2024 18:54

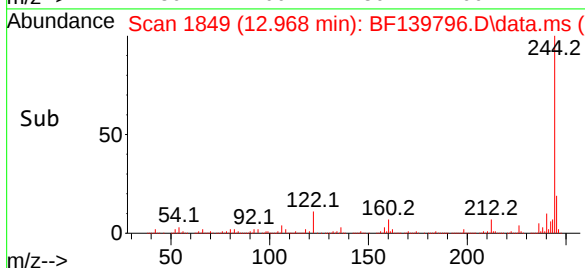
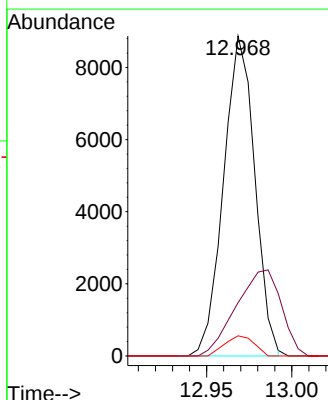
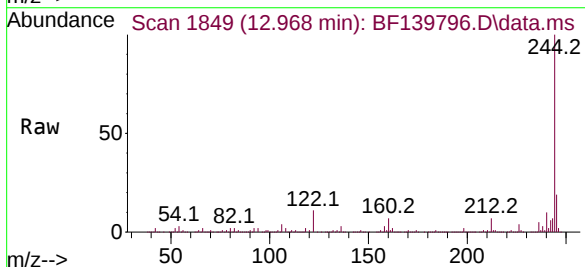
Tgt Ion:184 Resp: 11330

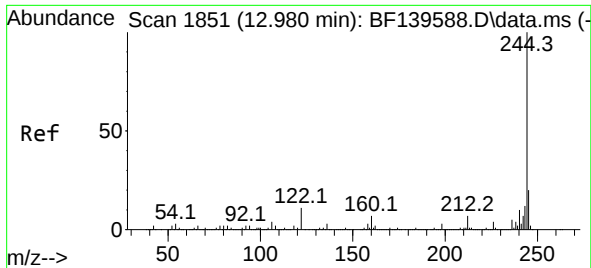
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.0

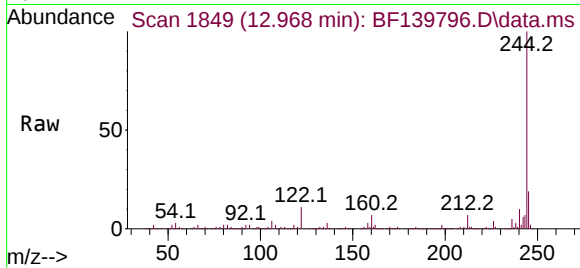
183 6.3 8.8 13.2#



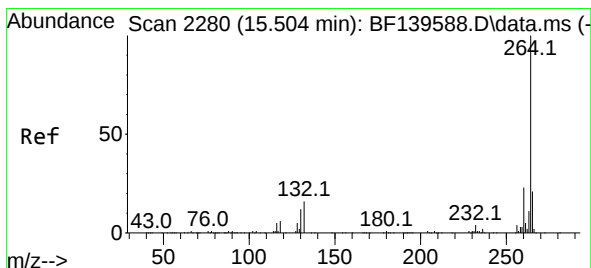
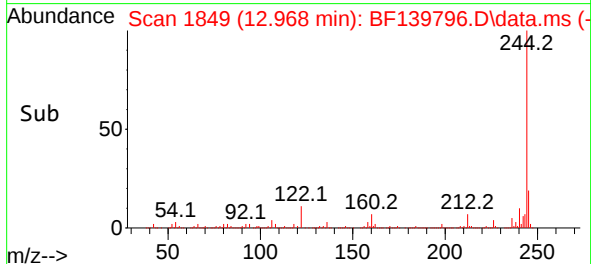
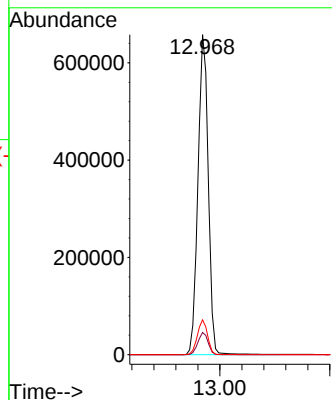


#79
Terphenyl-d14
Concen: 80.857 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139796.D
Acq: 14 Oct 2024 18:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-6



Tgt Ion:244 Resp: 857036
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.9 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: BF139796.D
Acq: 14 Oct 2024 18:54

Tgt Ion:264 Resp: 135386
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.1 16.9 25.3

