

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138286.D
 Acq On : 21 Jun 2024 15:28
 Operator : CG\JU
 Sample : P2977-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A5

Quant Time: Jun 21 16:16:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

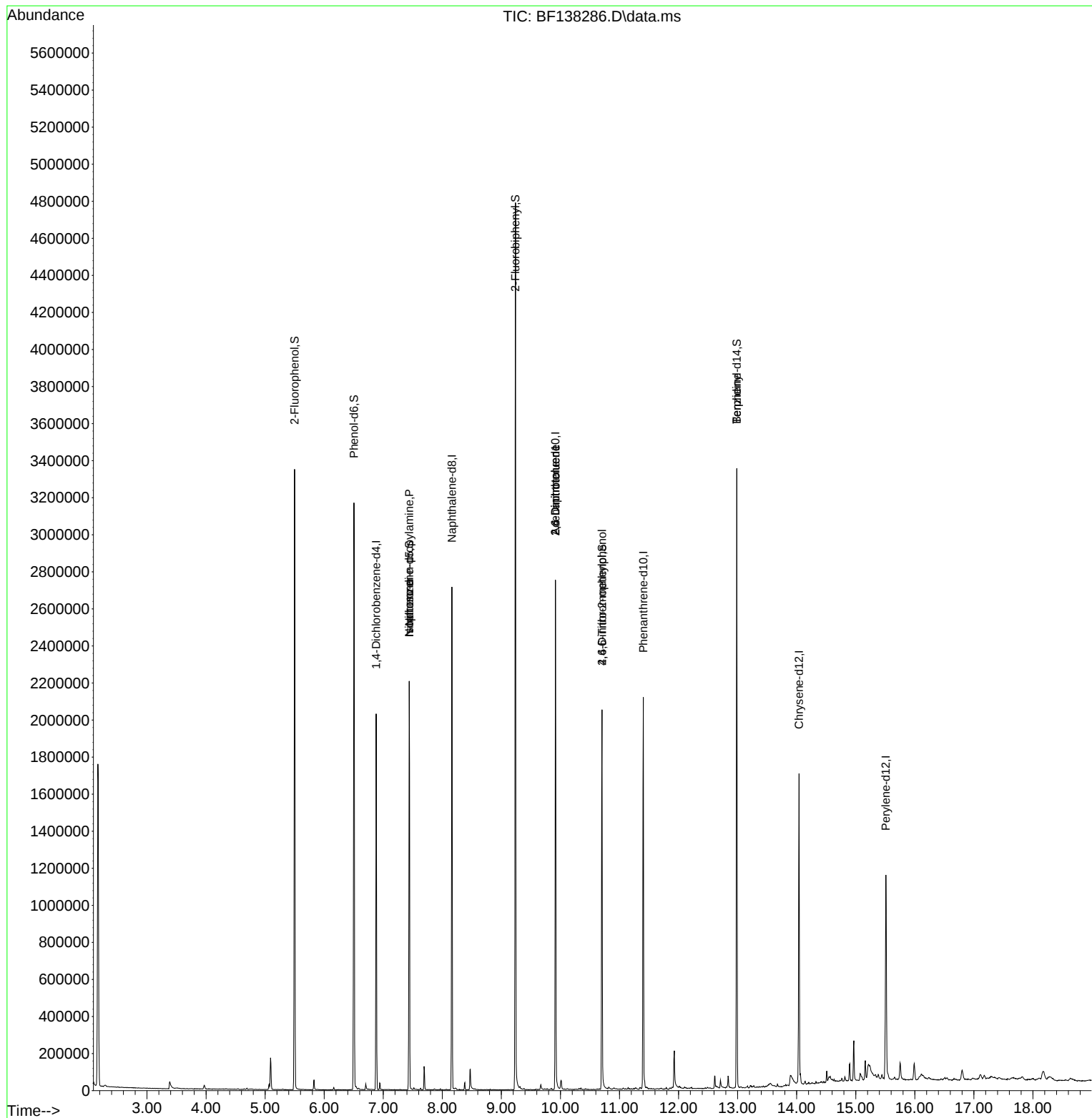
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	281501	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1075432	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	552301	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	751141	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	522579	20.000	ng	-0.01
86) Perylene-d12	15.510	264	511921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	921636	54.768	ng	-0.01
7) Phenol-d6	6.504	99	1143925	53.609	ng	-0.02
23) Nitrobenzene-d5	7.439	82	683072	36.977	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	250003	45.469	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1385163	39.881	ng	-0.01
79) Terphenyl-d14	12.986	244	1058117	32.069	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	89356	7.065	ng	# 77
25) Isophorone	7.439	82	680419	20.363	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	73601	10.026	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	73784	8.149	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	536	7.054	ng	# 1
77) Benzidine	12.986	184	12783	2.115	ng	# 94

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

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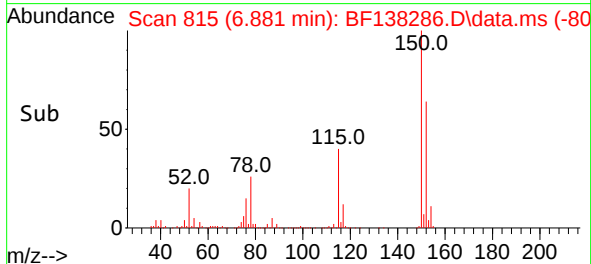
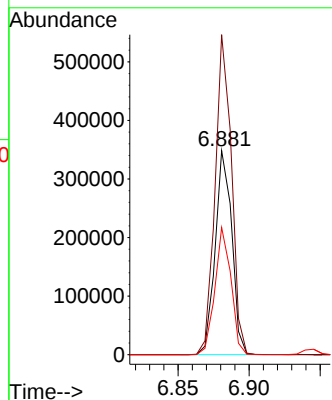
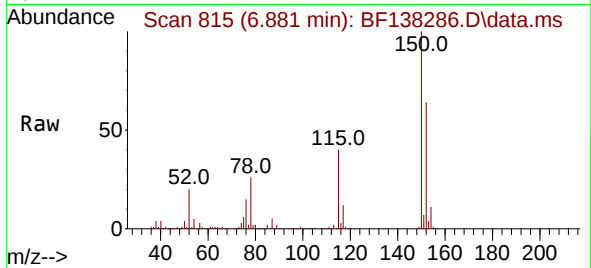




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

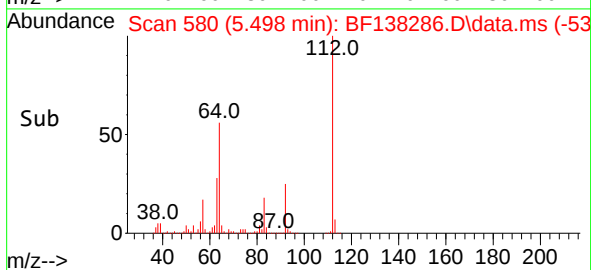
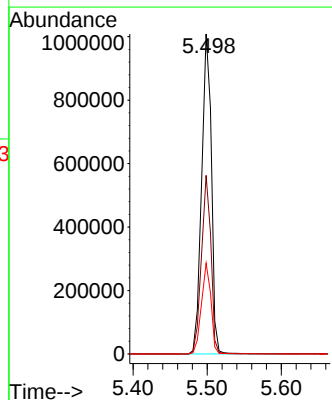
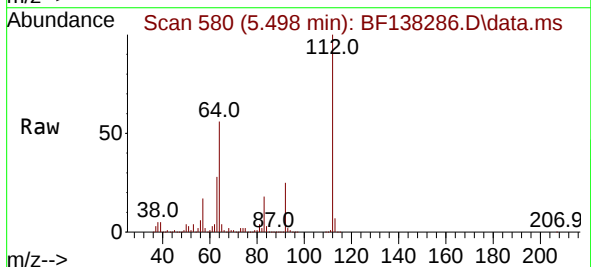
Instrument :
BNA_F
ClientSampleId :
OSTL-A5

Tgt Ion:152 Resp: 281501
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.4
115 62.3 48.4 72.6



#5
2-Fluorophenol
Concen: 54.768 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion:112 Resp: 921636
Ion Ratio Lower Upper
112 100
64 55.8 45.2 67.8
63 28.4 22.9 34.3

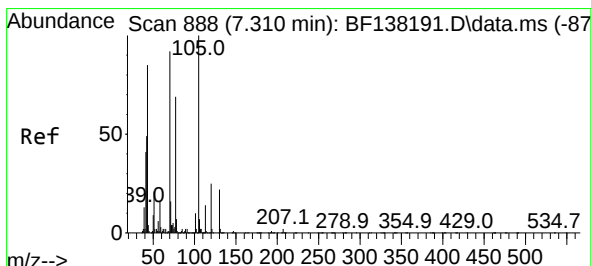
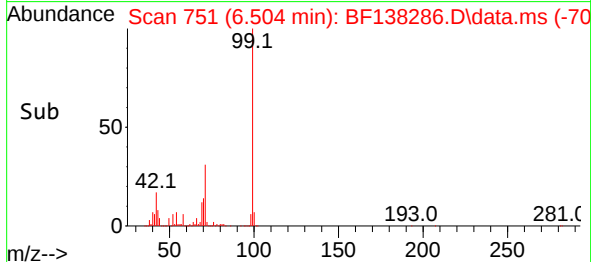
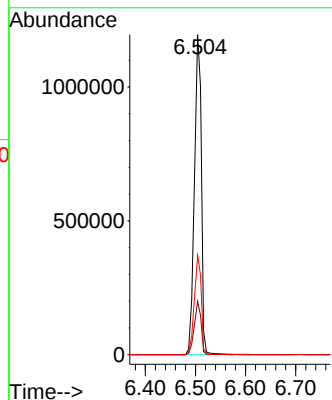
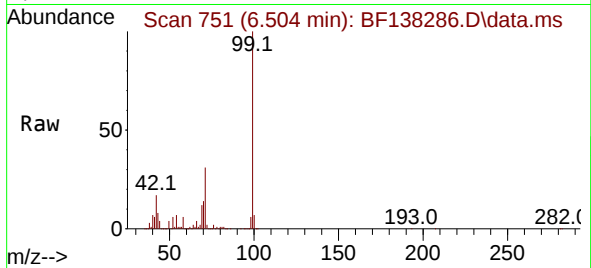




#7
Phenol-d6
Concen: 53.609 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

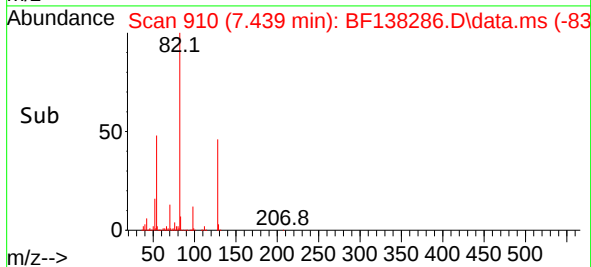
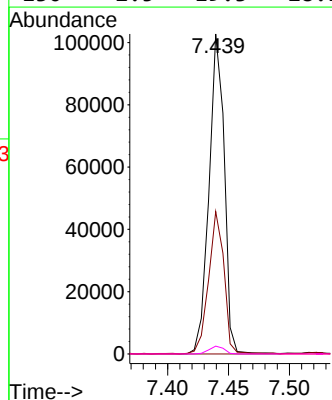
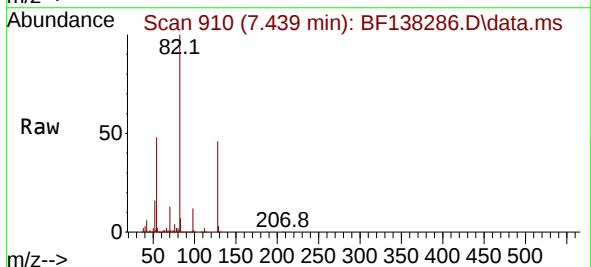
Instrument :
BNA_F
ClientSampleId :
OSTL-A5

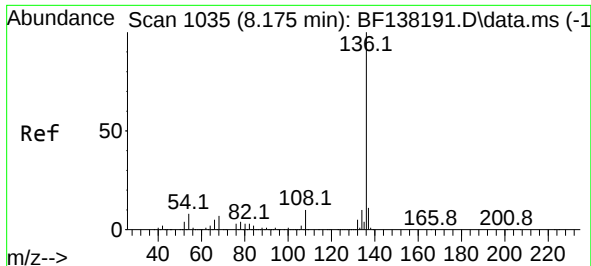
Tgt Ion: 99 Resp: 1143925
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 31.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.065 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion: 70 Resp: 89356
Ion Ratio Lower Upper
70 100
42 44.5 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#



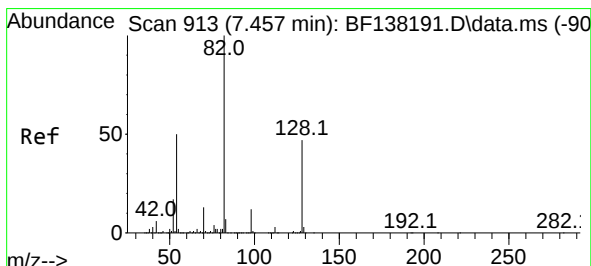
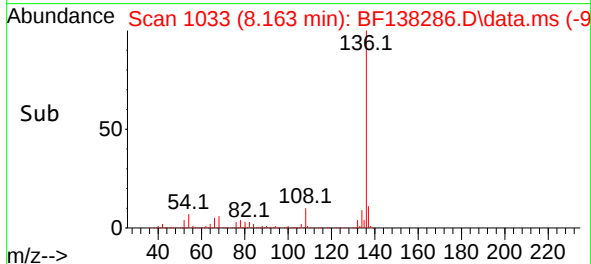
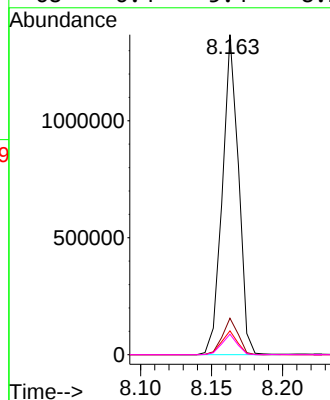
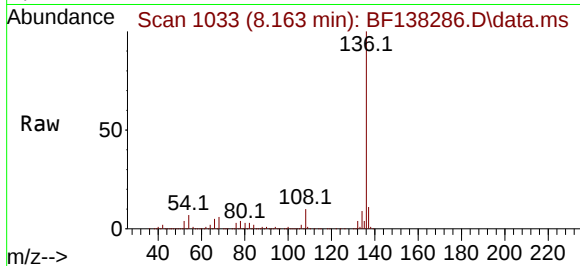


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Instrument :
BNA_F
ClientSampleId :
OSTL-A5

Tgt Ion:136 Resp: 1075432

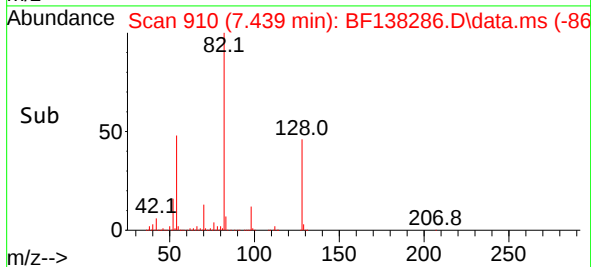
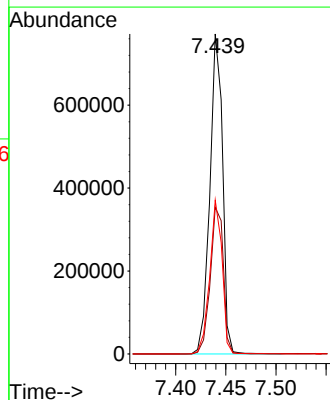
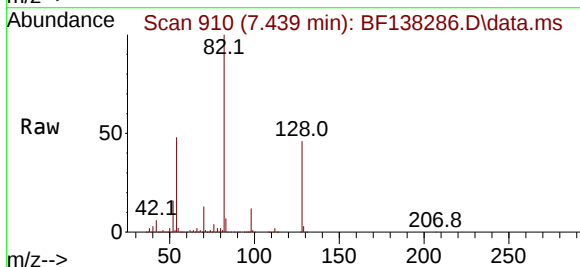
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.4	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 36.977 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion: 82 Resp: 683072

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.2	55.8
54	48.1	39.8	59.6

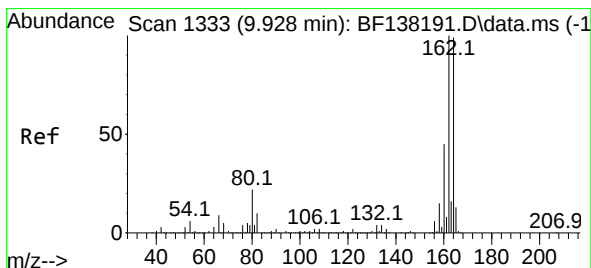
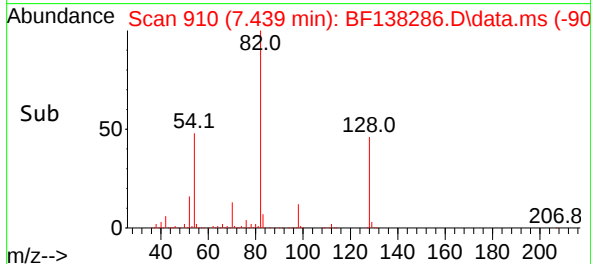
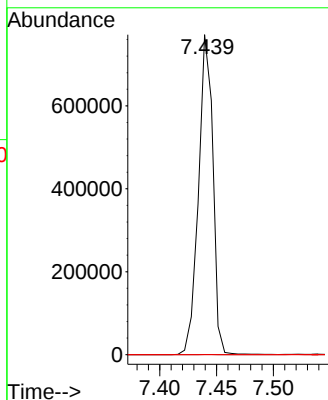
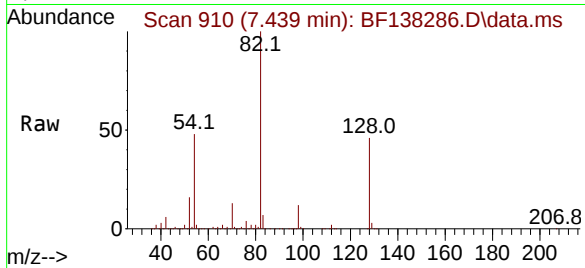




#25
Isophorone
Concen: 20.363 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

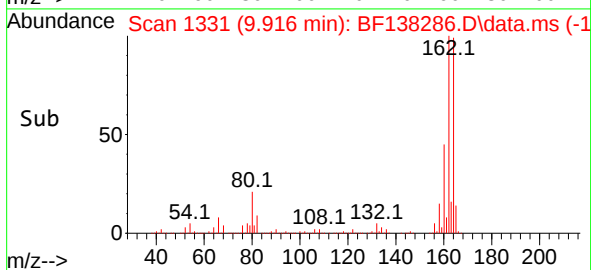
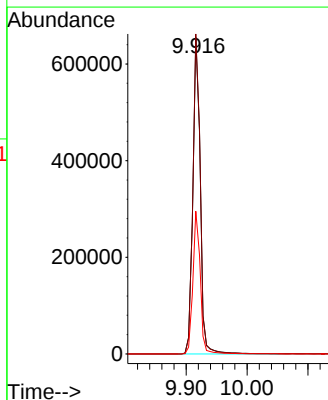
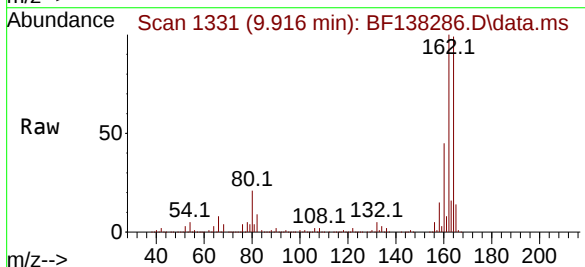
Instrument :
BNA_F
ClientSampleId :
OSTL-A5

Tgt Ion: 82 Resp: 680419
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion: 164 Resp: 552301
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 45.469 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138286.D

Acq: 21 Jun 2024 15:28

Instrument :

BNA_F

ClientSampleId :

OSTL-A5

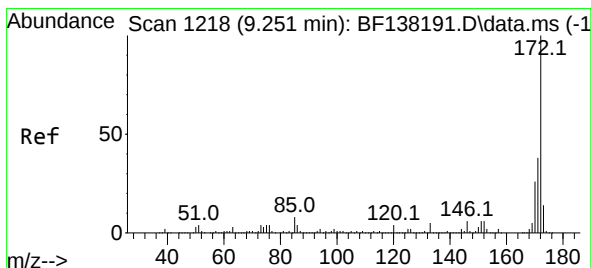
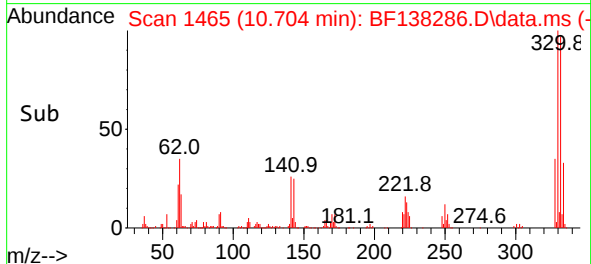
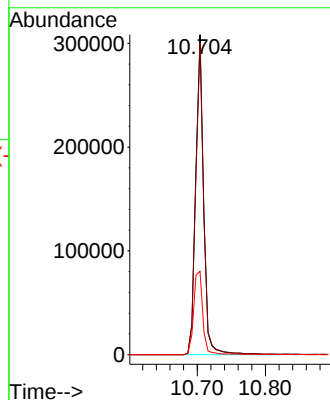
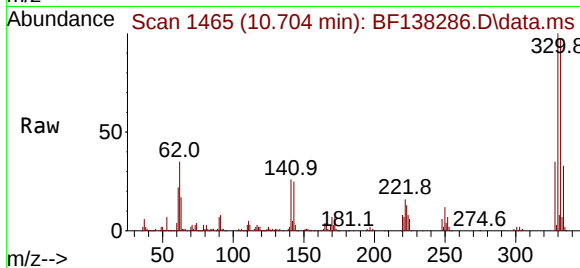
Tgt Ion:330 Resp: 250003

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 29.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 39.881 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138286.D

Acq: 21 Jun 2024 15:28

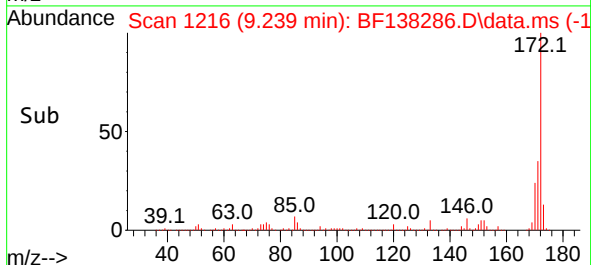
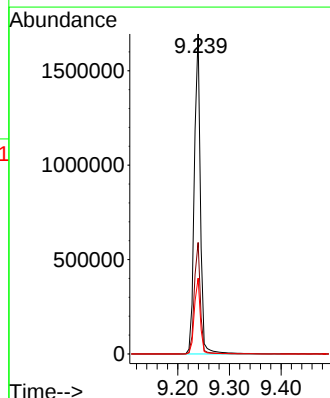
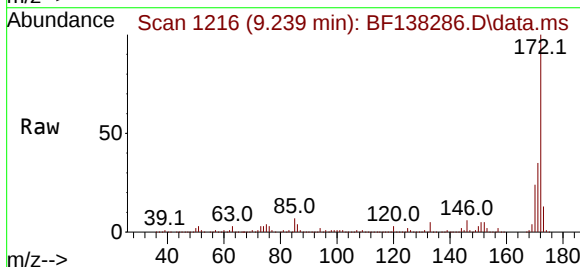
Tgt Ion:172 Resp: 1385163

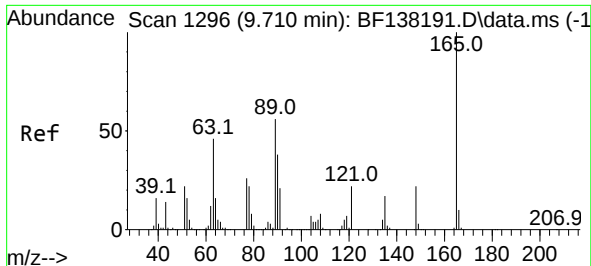
Ion Ratio Lower Upper

172 100

171 34.8 30.3 45.5

170 23.7 20.6 30.8

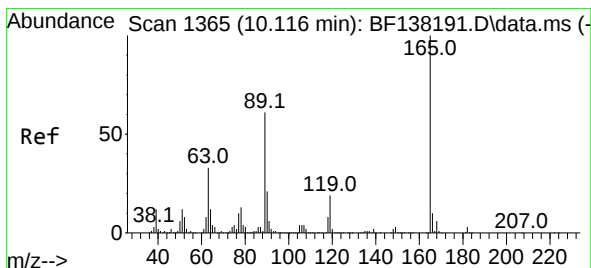
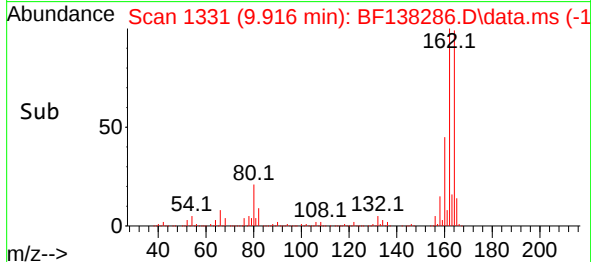
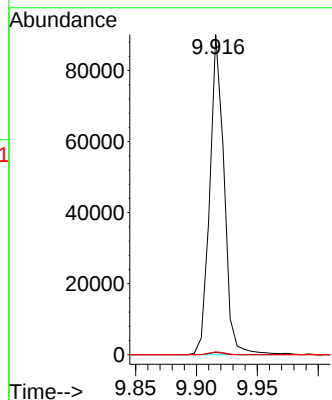
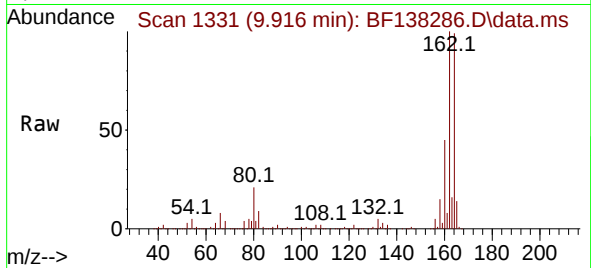




#51
2,6-Dinitrotoluene
Concen: 10.026 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

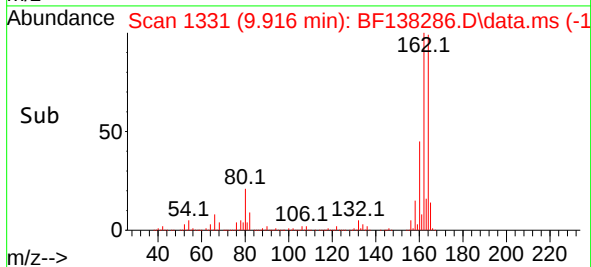
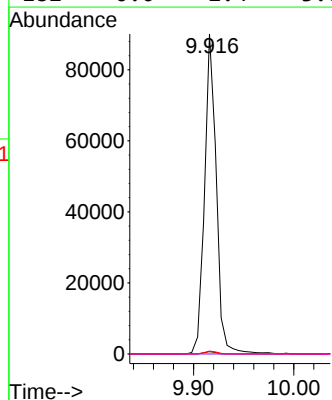
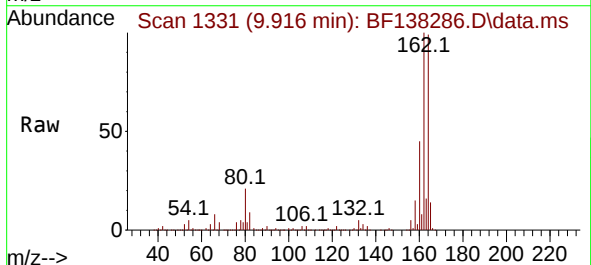
Instrument :
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OSTL-A5

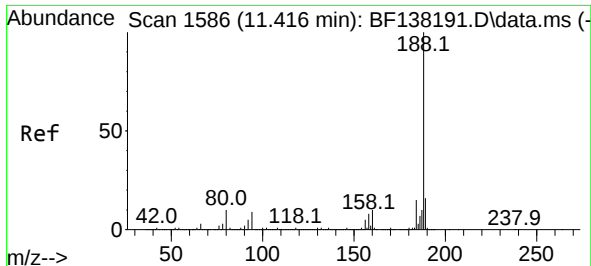
Tgt Ion:165 Resp: 73601
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.149 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion:165 Resp: 73784
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#

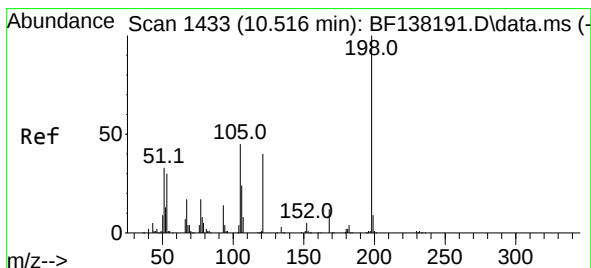
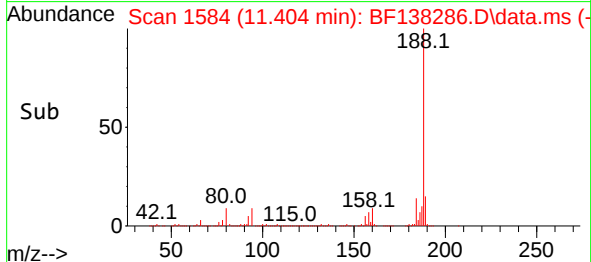
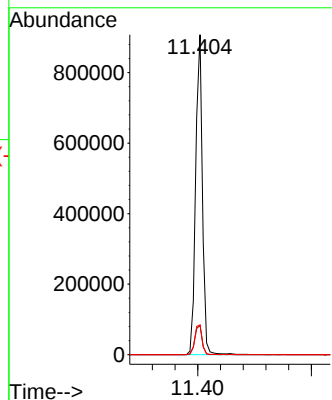
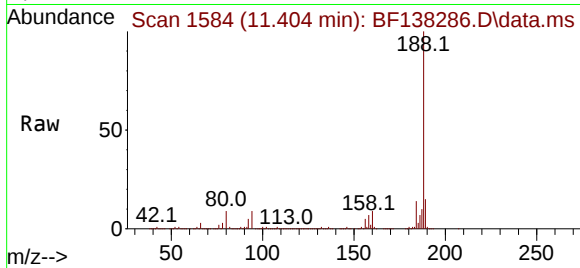




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

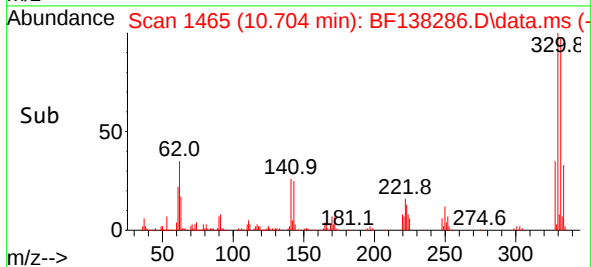
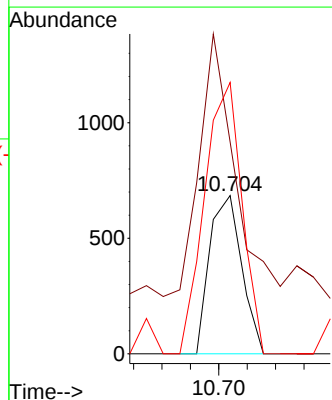
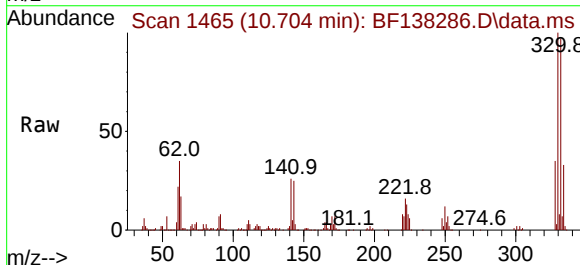
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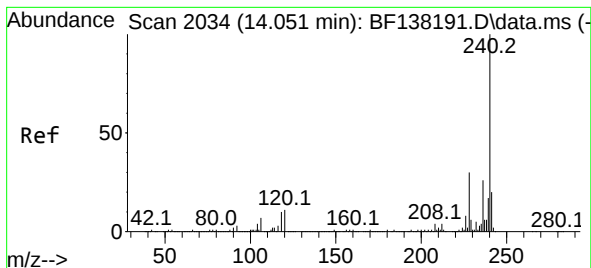
Tgt Ion:188 Resp: 751141
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.3 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.054 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion:198 Resp: 536
Ion Ratio Lower Upper
198 100
51 133.9 26.9 66.9#
105 171.4 26.0 66.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138286.D

Acq: 21 Jun 2024 15:28

Instrument :

BNA_F

ClientSampleId :

OSTL-A5

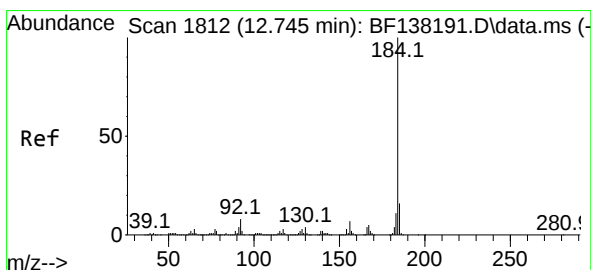
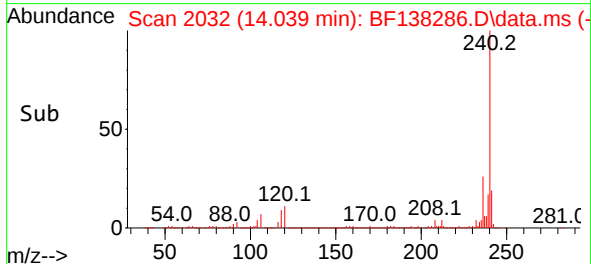
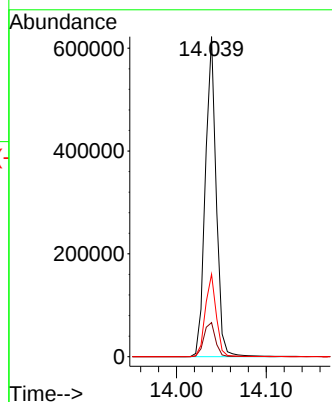
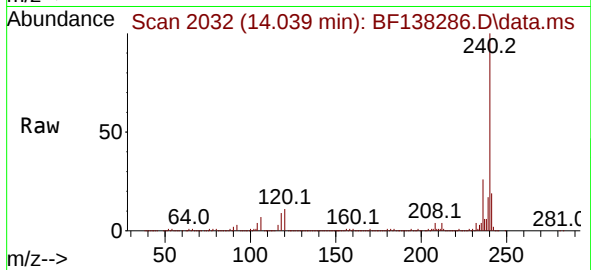
Tgt Ion:240 Resp: 522579

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 25.8 21.0 31.6



#77

Benzidine

Concen: 2.115 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138286.D

Acq: 21 Jun 2024 15:28

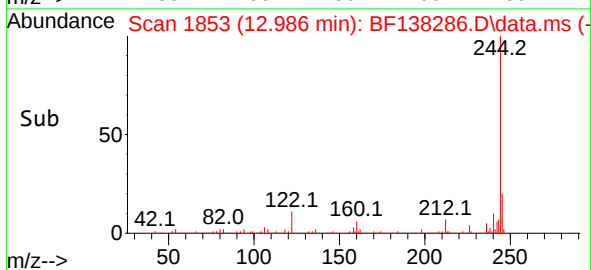
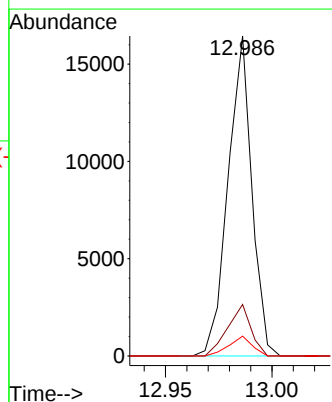
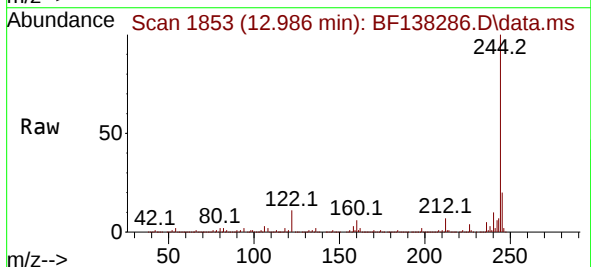
Tgt Ion:184 Resp: 12783

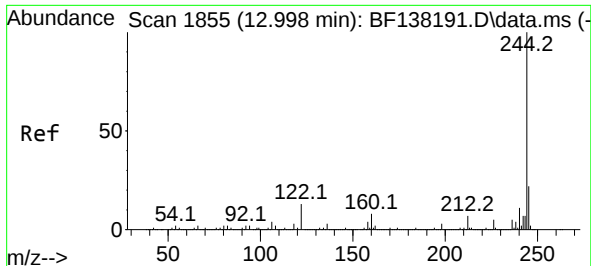
Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

183 6.2 9.0 13.6#

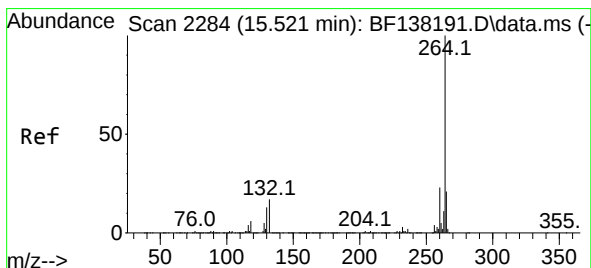
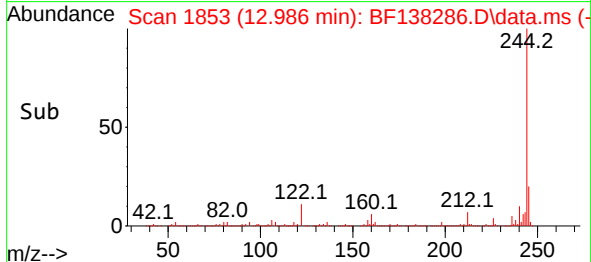
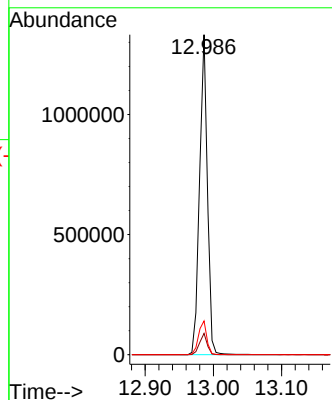
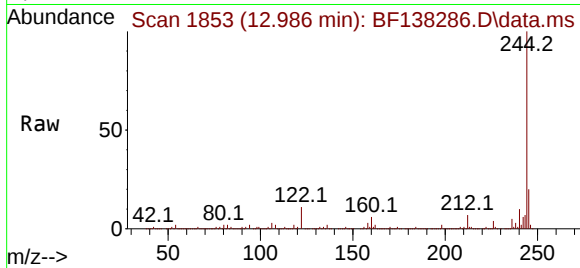




#79
 Terphenyl-d14
 Concen: 32.069 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138286.D
 Acq: 21 Jun 2024 15:28

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A5

Tgt Ion:244 Resp: 1058117
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.5 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138286.D
 Acq: 21 Jun 2024 15:28

Tgt Ion:264 Resp: 511921
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.6 17.0 25.6

