

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138582.D
 Acq On : 19 Jul 2024 11:28
 Operator : RC/JU
 Sample : P3246-22RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-05

Quant Time: Jul 19 12:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

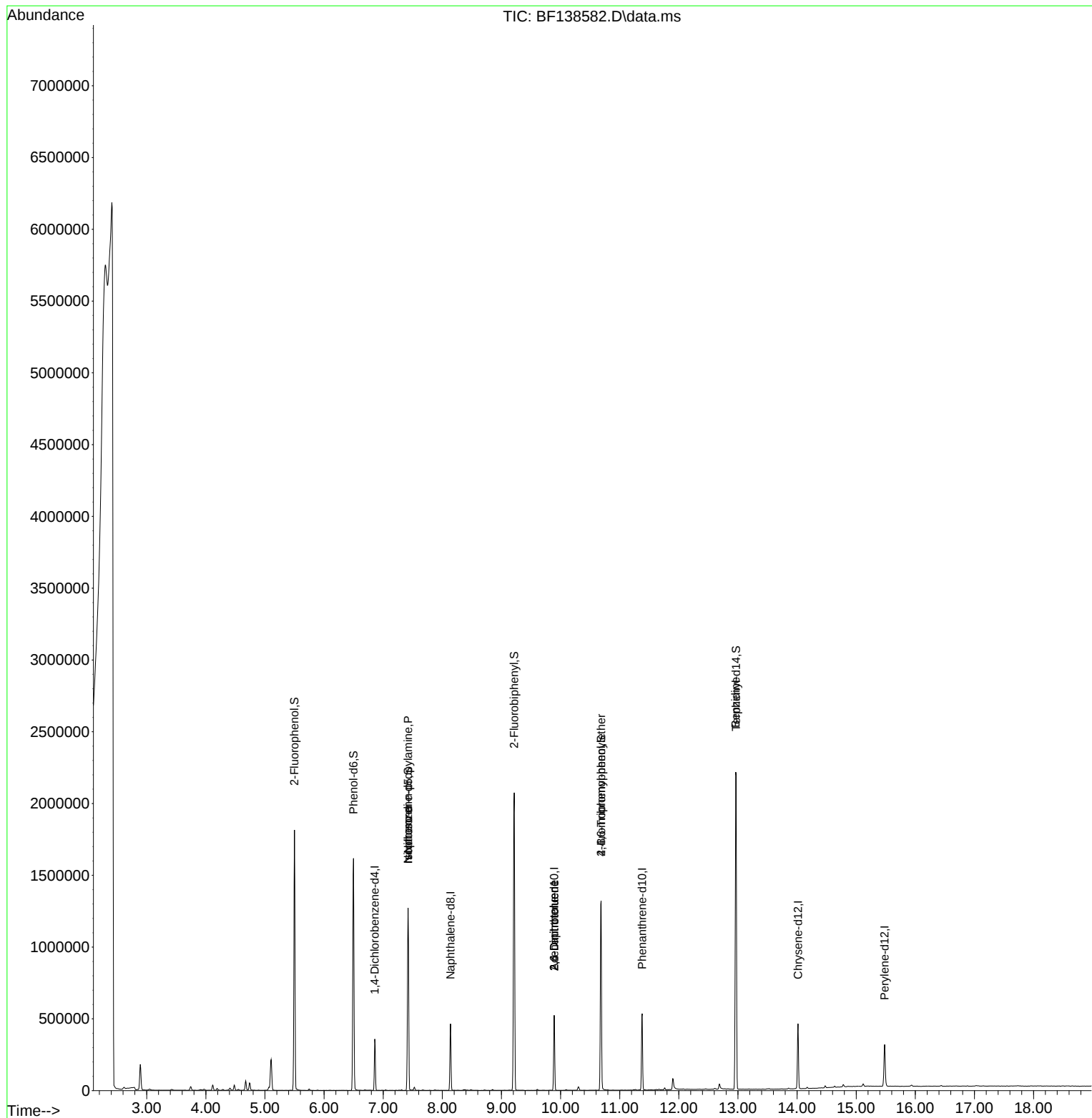
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	68211	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	272452	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	147938	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	272834	20.000	ng	0.00
76) Chrysene-d12	14.015	240	197875	20.000	ng	-0.01
86) Perylene-d12	15.480	264	162390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	591902	137.431	ng	0.00
7) Phenol-d6	6.498	99	731899	127.743	ng	0.00
23) Nitrobenzene-d5	7.422	82	561993	101.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	220455	159.446	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	906846	95.805	ng	-0.01
79) Terphenyl-d14	12.968	244	1119707	92.186	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	76566	21.627	ng	# 74
25) Isophorone	7.422	82	560201	58.785	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	18621	8.454	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	18621	6.534	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	13926	4.966	ng	# 1
77) Benzidine	12.963	184	15218	3.048	ng	# 92

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

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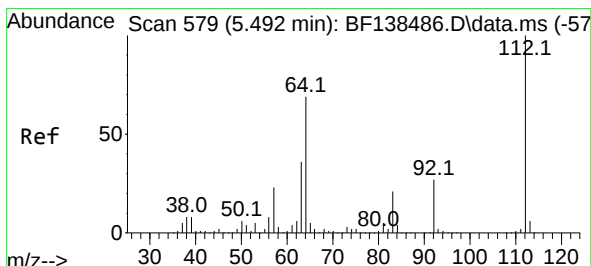
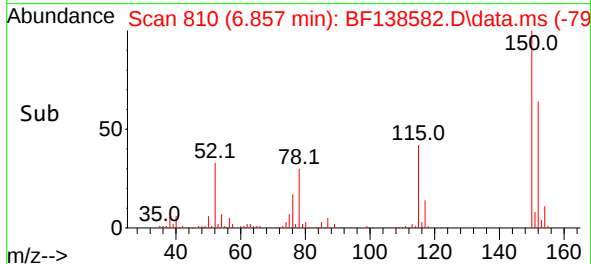
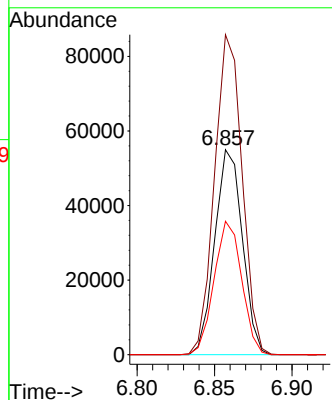
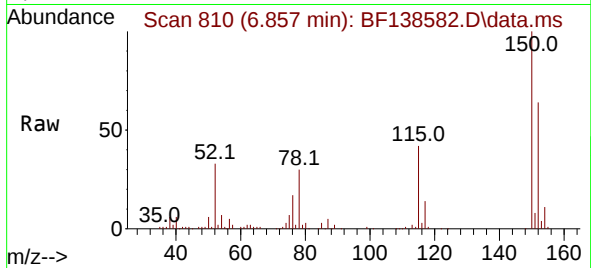




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

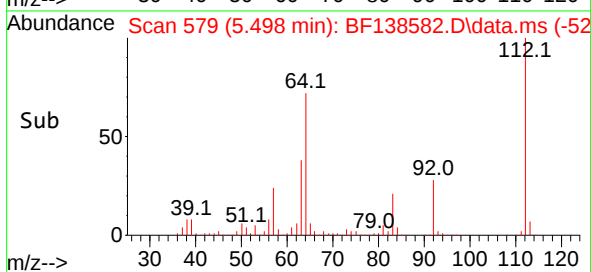
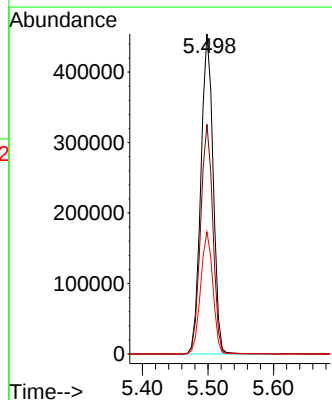
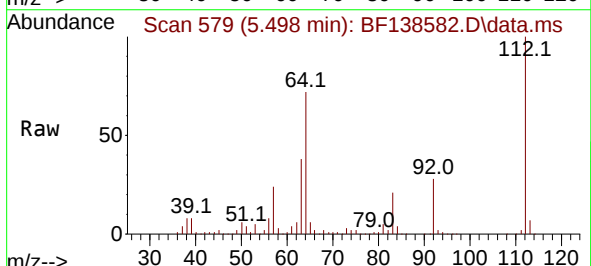
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

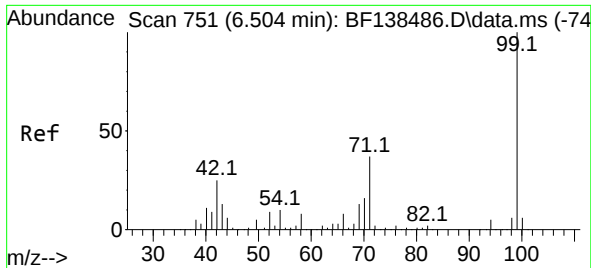
Tgt Ion:152 Resp: 68211
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 65.1 50.3 75.5



#5
2-Fluorophenol
Concen: 137.431 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion:112 Resp: 591902
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 38.1 29.0 43.6

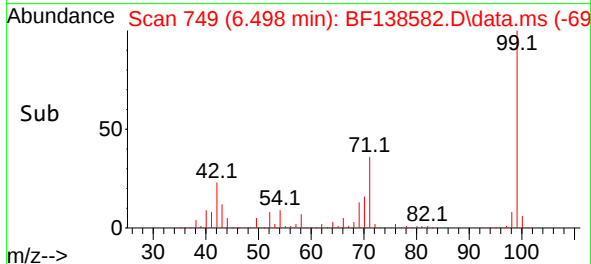
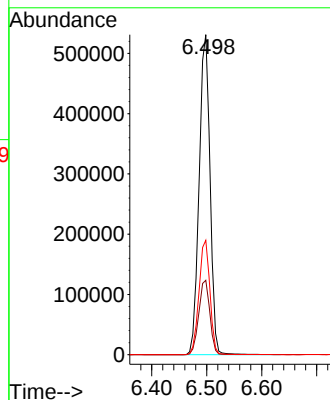
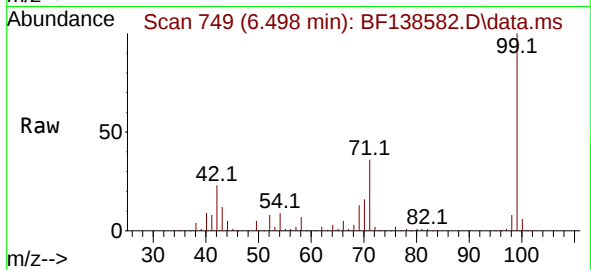




#7
Phenol-d6
Concen: 127.743 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

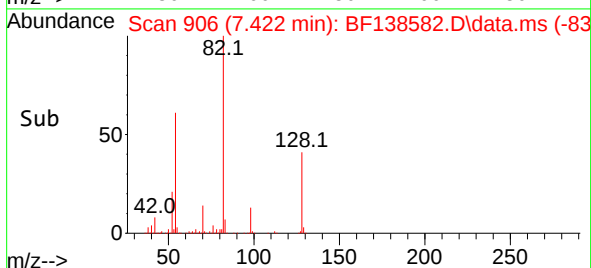
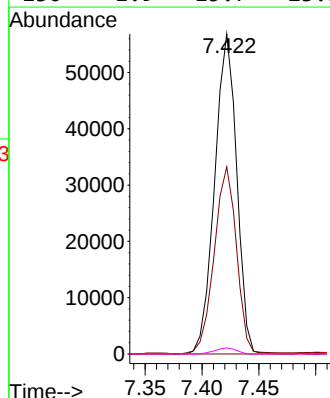
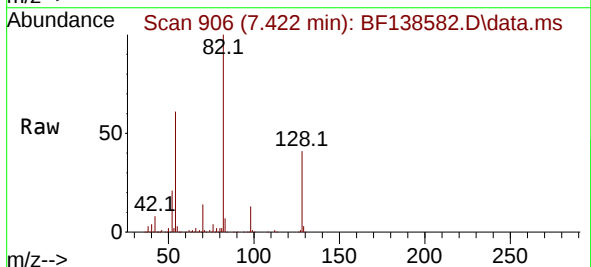
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

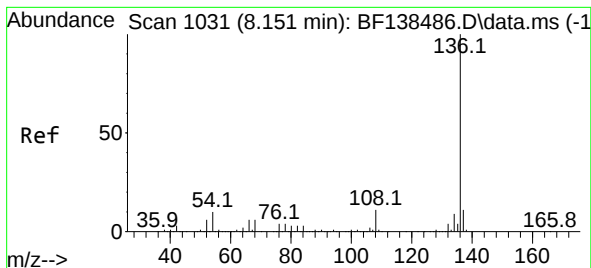
Tgt Ion: 99 Resp: 731899
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 35.8 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.627 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 70 Resp: 76566
Ion Ratio Lower Upper
70 100
42 58.4 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138582.D

Acq: 19 Jul 2024 11:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05

Tgt Ion:136 Resp: 272452

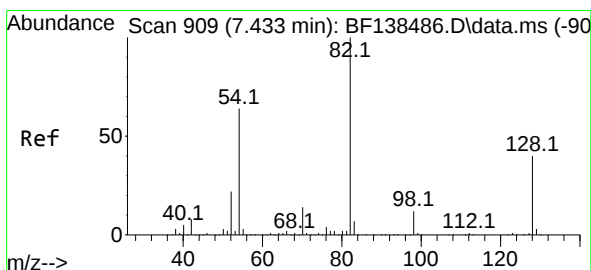
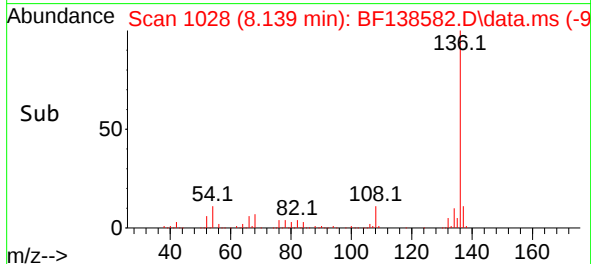
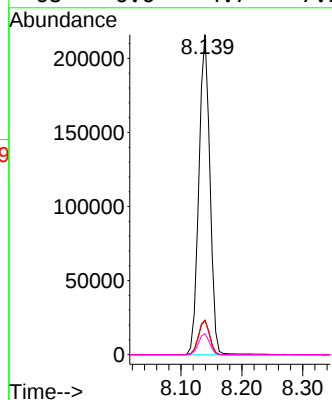
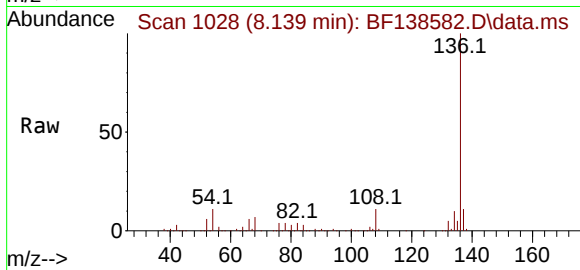
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 8.1 12.1

68 6.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 101.275 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138582.D

Acq: 19 Jul 2024 11:28

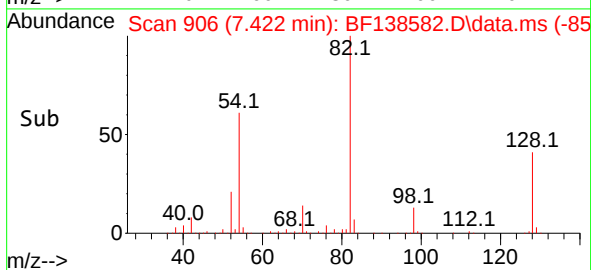
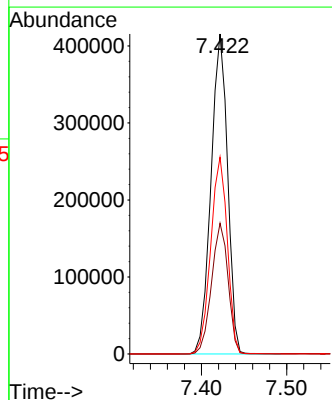
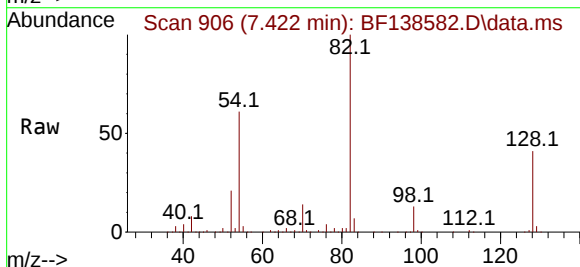
Tgt Ion: 82 Resp: 561993

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 61.5 51.4 77.0

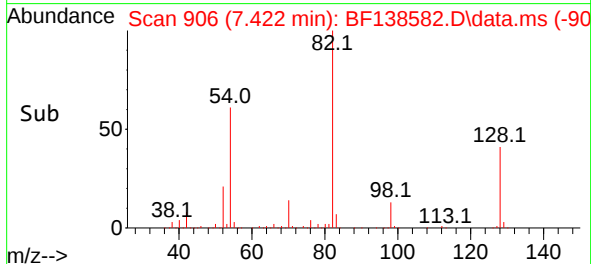
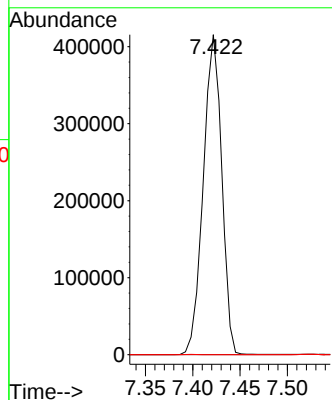
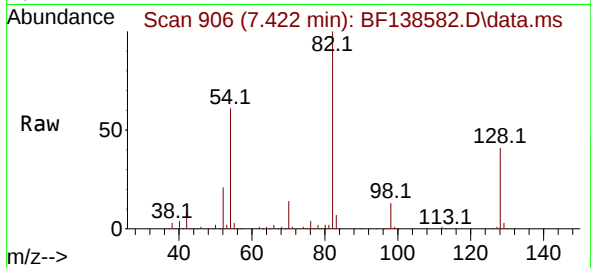




#25
Isophorone
Concen: 58.785 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

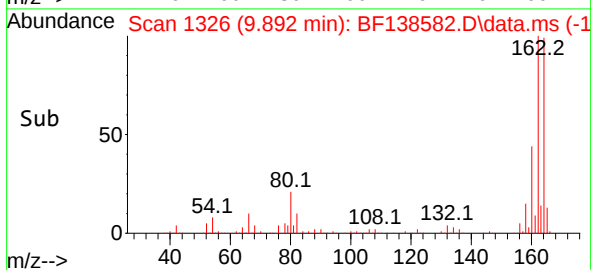
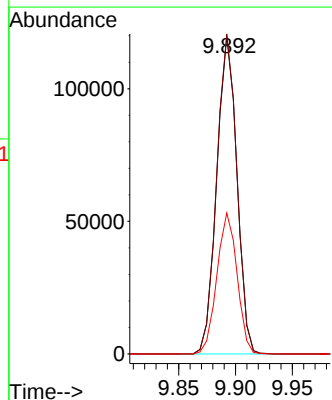
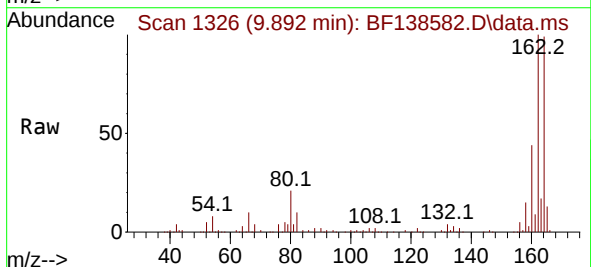
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

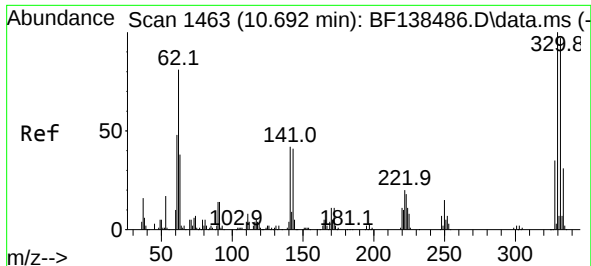
Tgt Ion: 82 Resp: 560201
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion:164 Resp: 147938
Ion Ratio Lower Upper
164 100
162 100.8 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 159.446 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138582.D

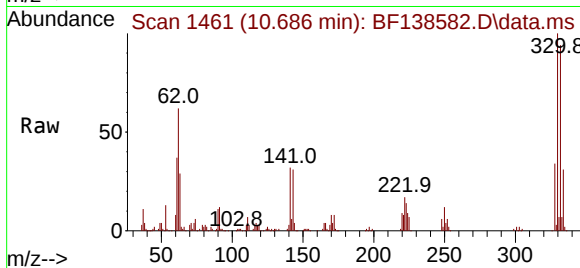
Acq: 19 Jul 2024 11:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05



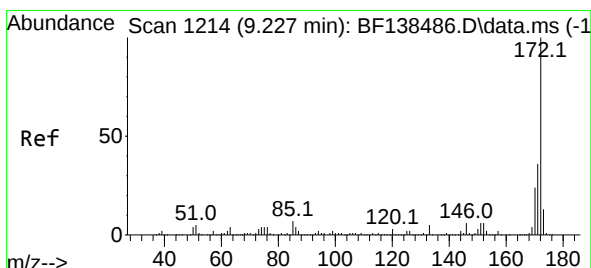
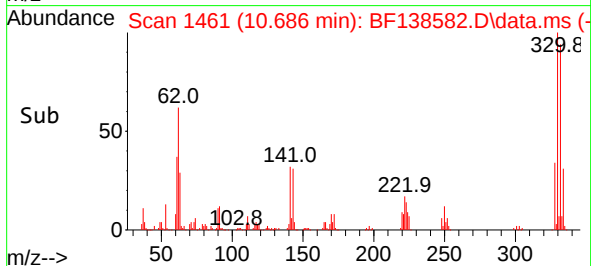
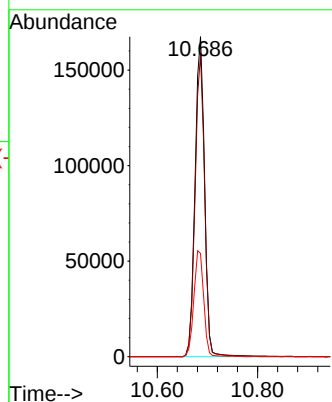
Tgt Ion:330 Resp: 220455

Ion Ratio Lower Upper

330 100

332 94.7 76.8 115.2

141 34.2 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 95.805 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138582.D

Acq: 19 Jul 2024 11:28

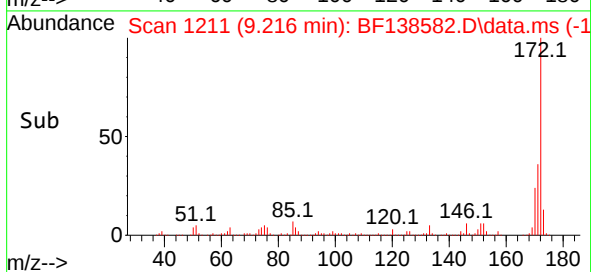
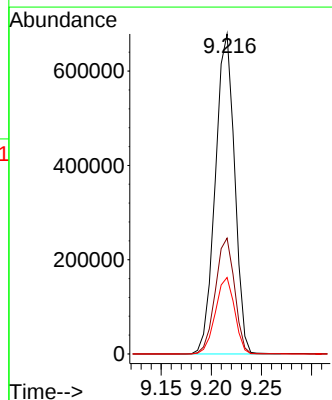
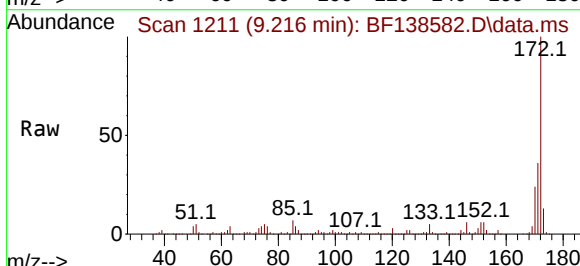
Tgt Ion:172 Resp: 906846

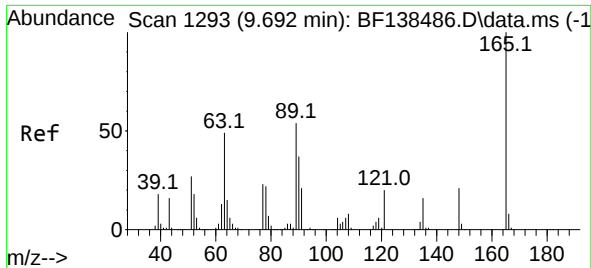
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.9 18.9 28.3

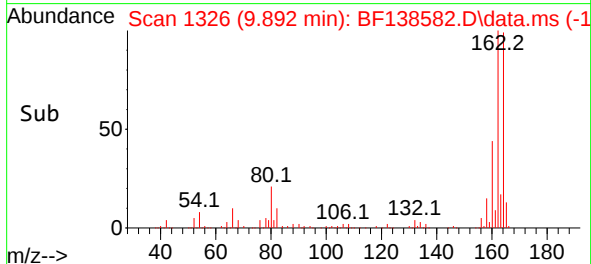
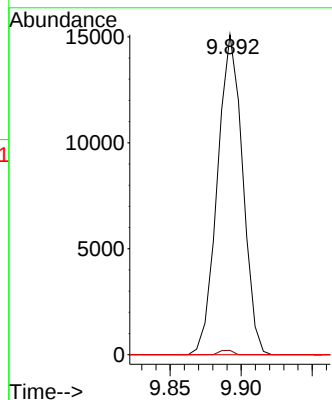
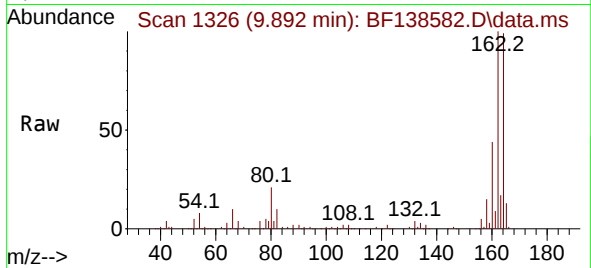




#51
2,6-Dinitrotoluene
Concen: 8.454 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

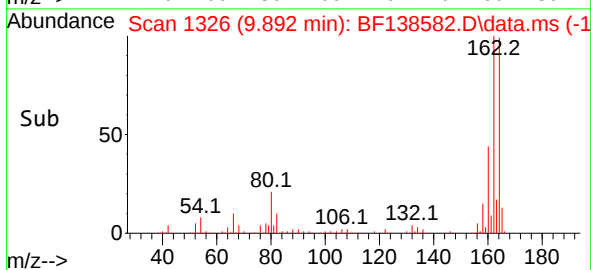
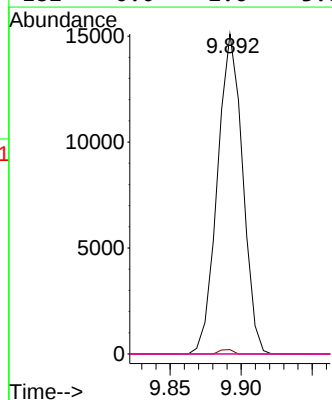
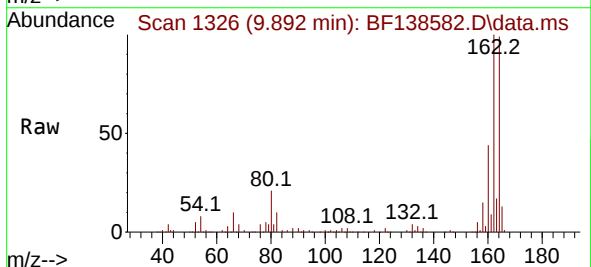
Instrument :
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WC-CTW2-BL-05

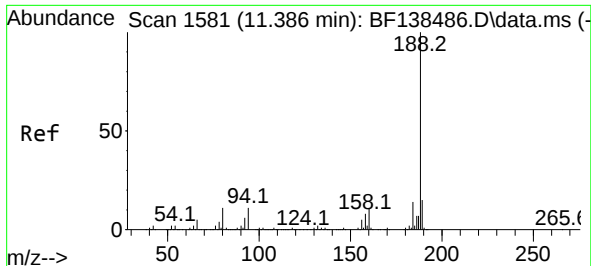
Tgt Ion:165 Resp: 18621
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 0.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion:165 Resp: 18621
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 0.0 63.4 95.2#
182 0.0 2.6 3.8#

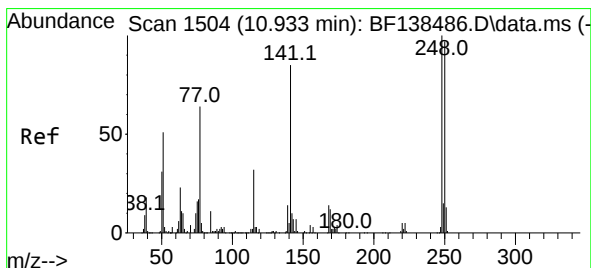
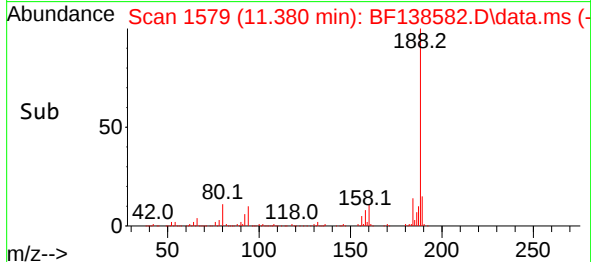
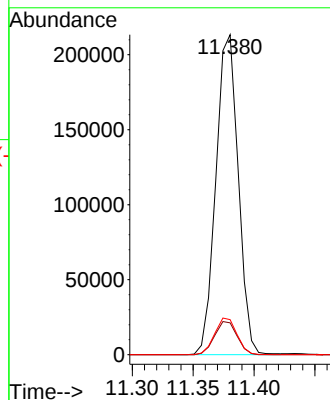
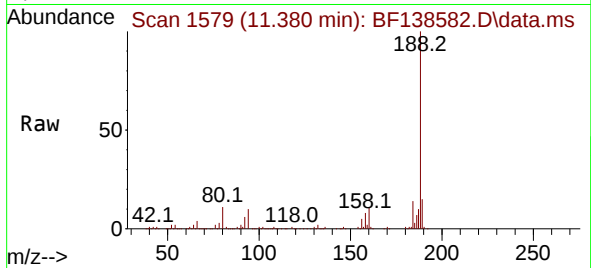




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

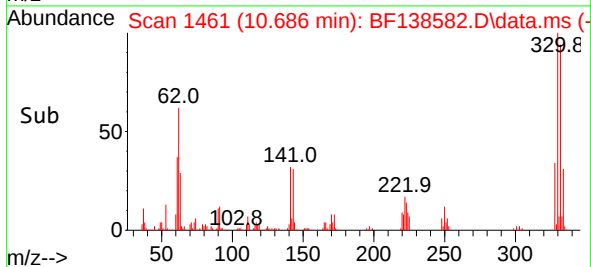
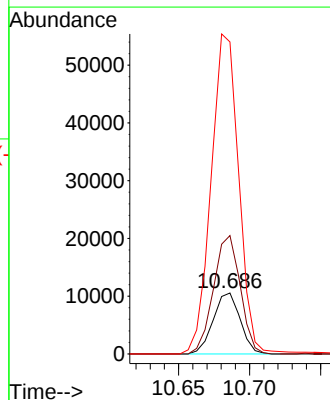
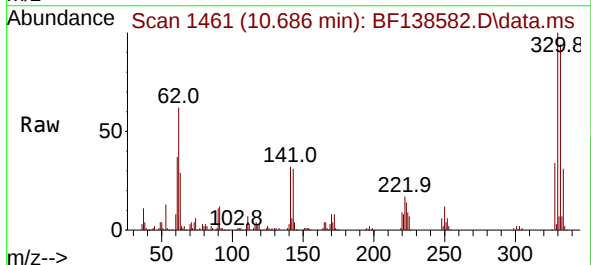
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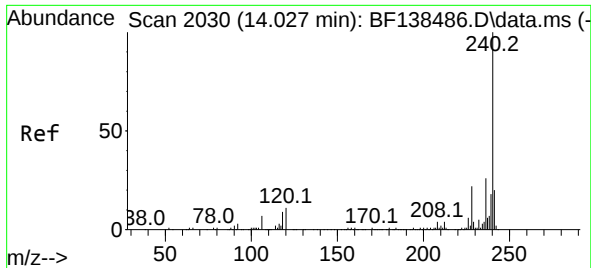
Tgt Ion:188 Resp: 272834
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.0 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.966 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion:248 Resp: 13926
Ion Ratio Lower Upper
248 100
250 194.3 77.9 116.9#
141 511.8 67.7 101.5#

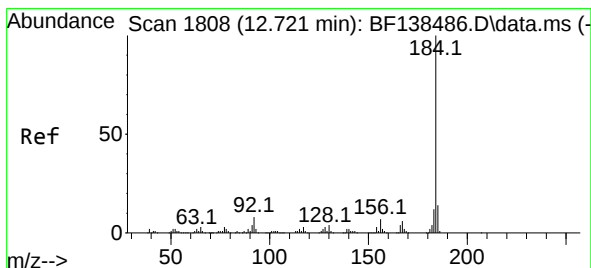
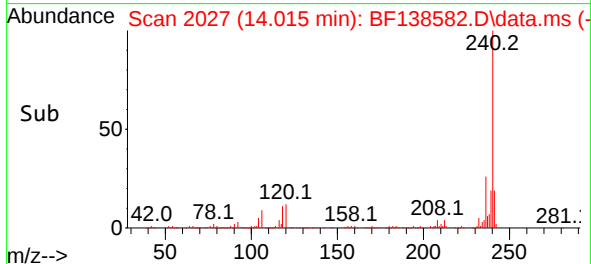
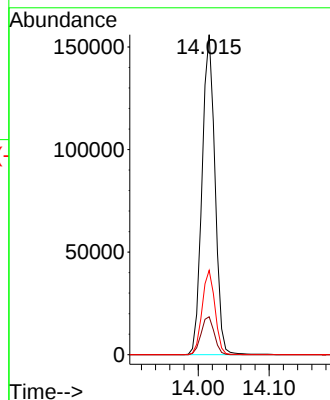
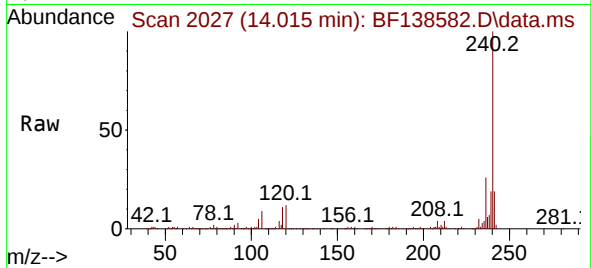




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

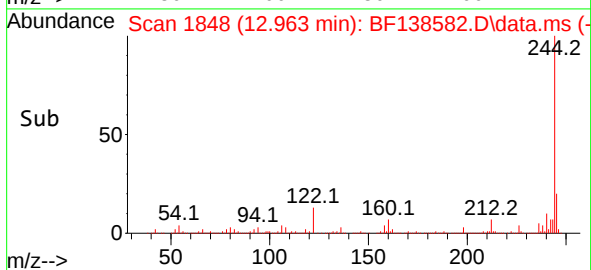
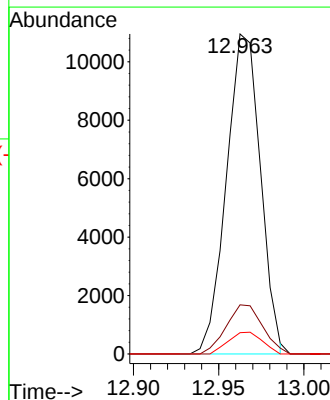
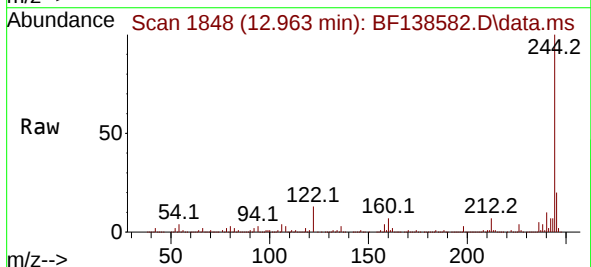
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

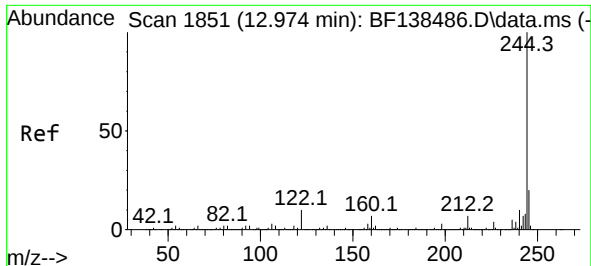
Tgt Ion:240 Resp: 197875
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 26.4 21.0 31.6



#77
Benzidine
Concen: 3.048 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.242 min
Lab File: BF138582.D
Acq: 19 Jul 2024 11:28

Tgt Ion:184 Resp: 15218
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 6.6 9.5 14.3#

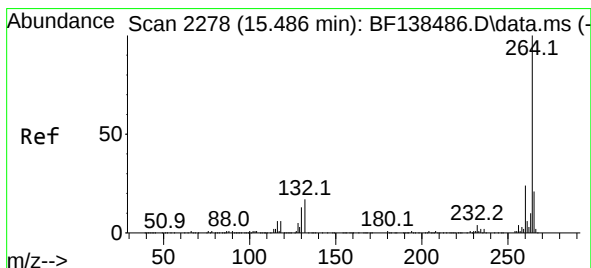
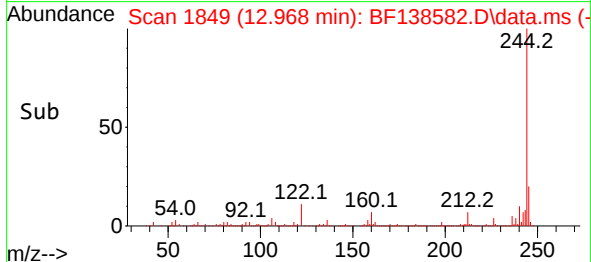
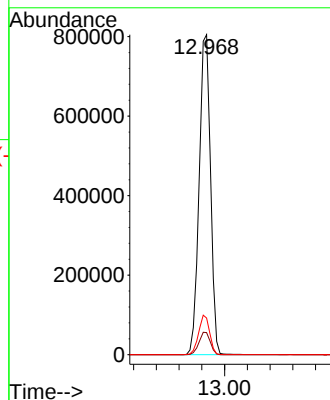
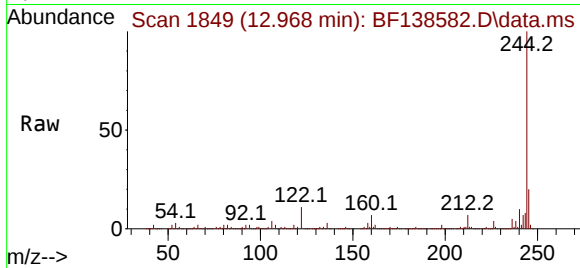




#79
 Terphenyl-d14
 Concen: 92.186 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138582.D
 Acq: 19 Jul 2024 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-05

Tgt Ion:244 Resp: 1119707
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF138582.D
 Acq: 19 Jul 2024 11:28

Tgt Ion:264 Resp: 162390
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.3 17.0 25.4

