

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138584.D
 Acq On : 19 Jul 2024 12:29
 Operator : RC/JU
 Sample : P3248-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-120-SB02

Quant Time: Jul 19 13:08:49 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)

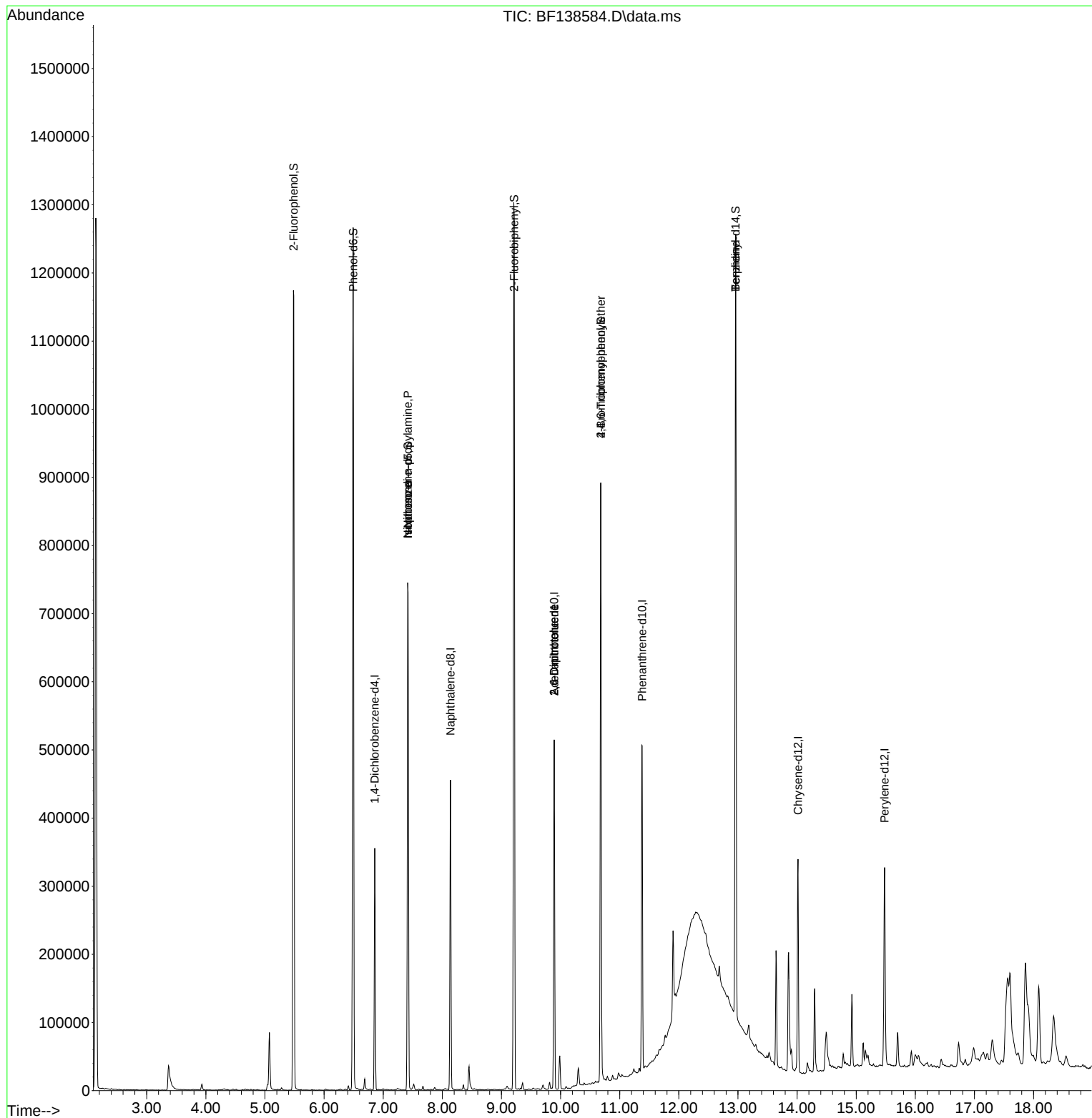
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66027	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	261785	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	141716	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	246741	20.000	ng	0.00
76) Chrysene-d12	14.016	240	140623	20.000	ng	-0.01
86) Perylene-d12	15.480	264	161967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	400926	96.168	ng	0.00
7) Phenol-d6	6.492	99	540673	97.488	ng	-0.01
23) Nitrobenzene-d5	7.416	82	326389	61.214	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	130102	98.229	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	558349	61.577	ng	-0.01
79) Terphenyl-d14	12.963	244	539335	62.482	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	43527	12.702	ng	# 75
25) Isophorone	7.416	82	325011	35.495	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	17859	8.464	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	17859	6.542	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	9085	3.582	ng	# 1
77) Benzidine	12.963	184	7319	2.063	ng	# 94

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

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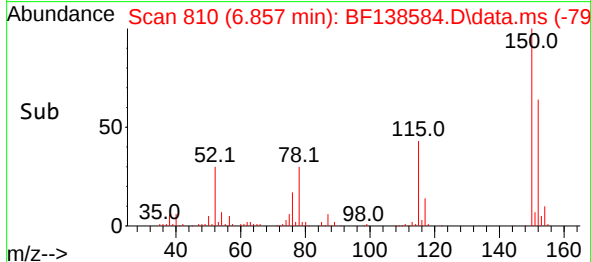
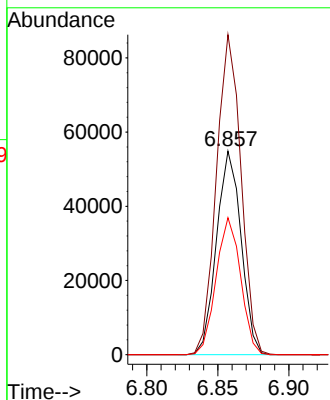
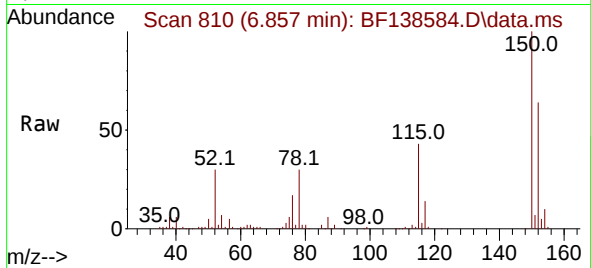




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

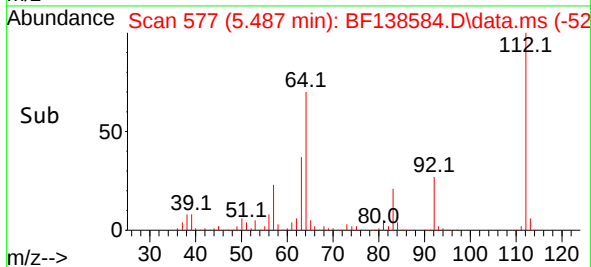
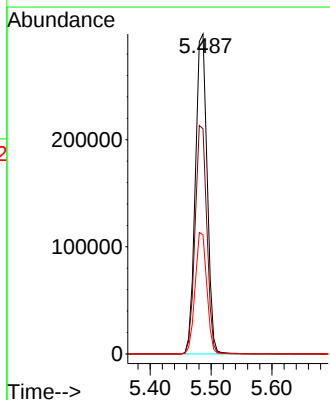
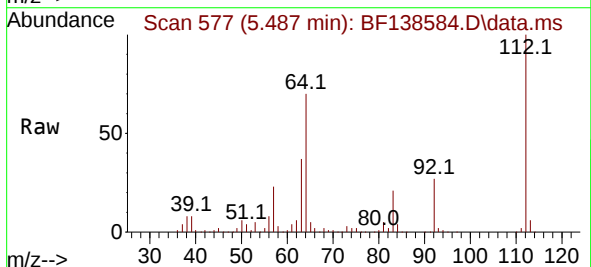
Instrument :
BNA_F
ClientSampleId :
B-120-SB02

Tgt Ion:152 Resp: 66027
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 67.3 50.3 75.5



#5
2-Fluorophenol
Concen: 96.168 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

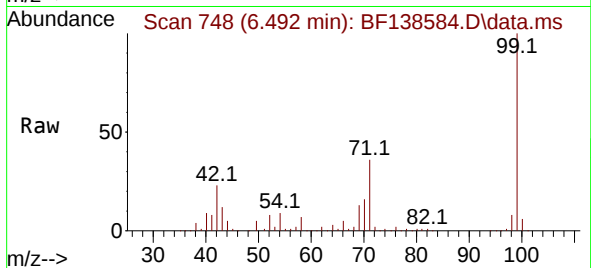
Tgt Ion:112 Resp: 400926
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 37.3 29.0 43.6



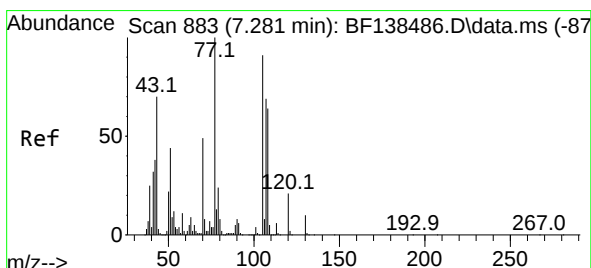
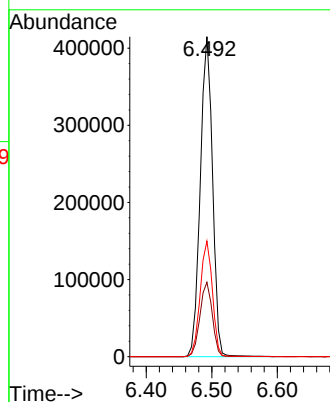
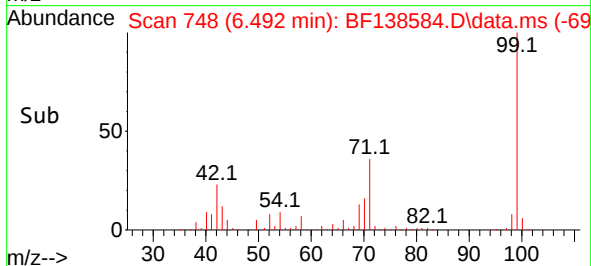


#7
Phenol-d6
Concen: 97.488 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

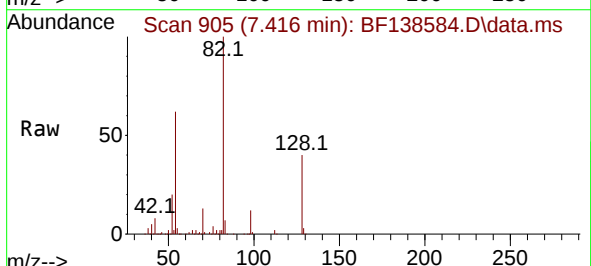
Instrument :
BNA_F
ClientSampleId :
B-120-SB02



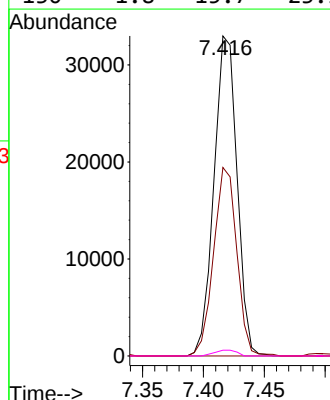
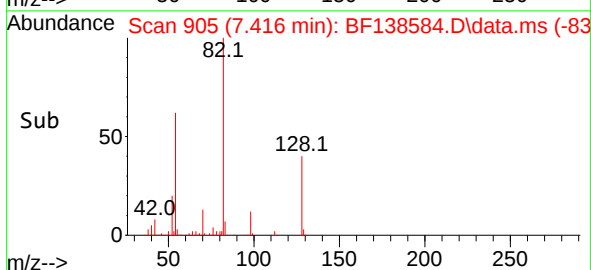
Tgt Ion: 99 Resp: 540673
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 36.1 29.9 44.9

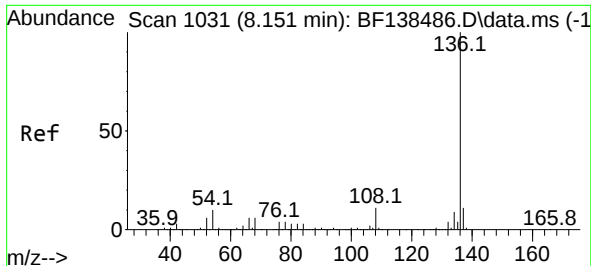


#19
n-Nitroso-di-n-propylamine
Concen: 12.702 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29



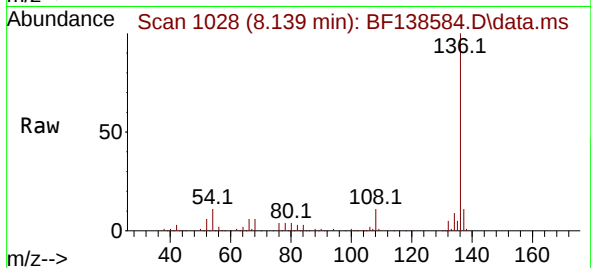
Tgt Ion: 70 Resp: 43527
Ion Ratio Lower Upper
70 100
42 58.9 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#



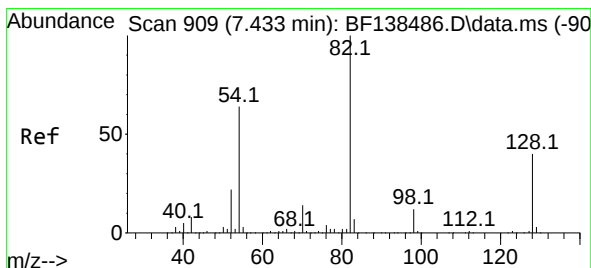
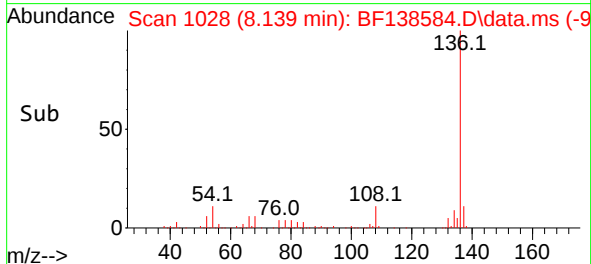
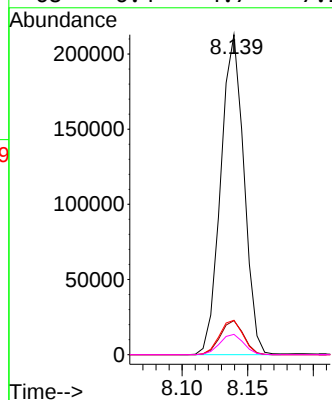


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Instrument :
BNA_F
ClientSampleId :
B-120-SB02

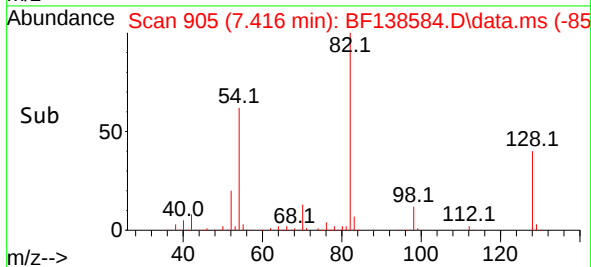
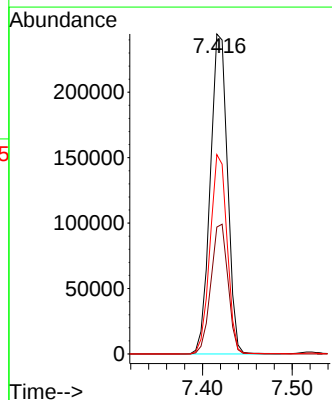
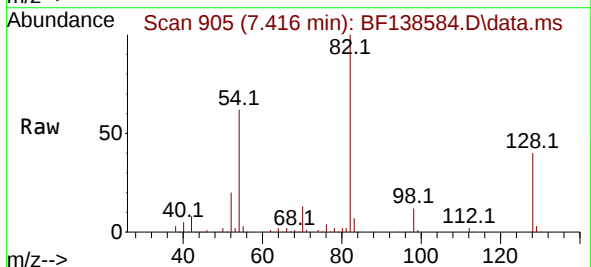


Tgt Ion:	136	Resp:	261785
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	10.8	8.1	12.1
68	6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 61.214 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

Tgt Ion:	82	Resp:	326389
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.3	48.5
54	62.3	51.4	77.0

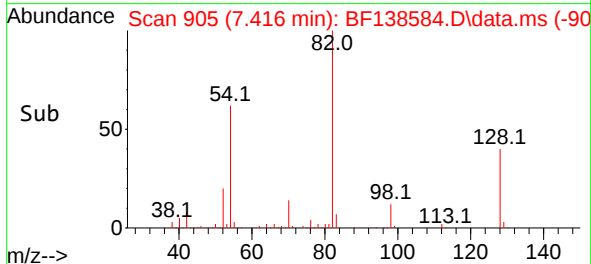
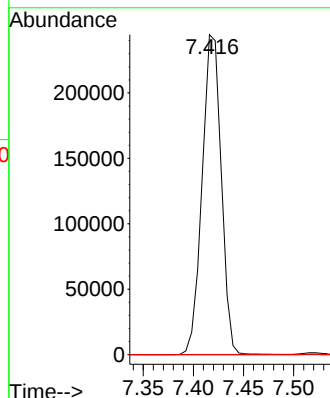
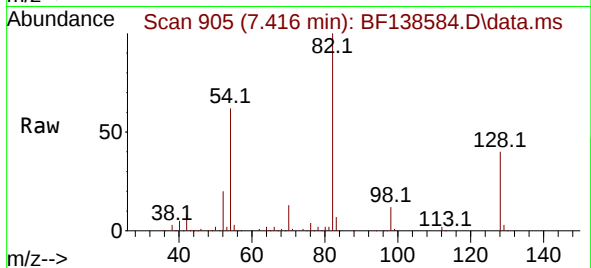




#25
Isophorone
Concen: 35.495 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

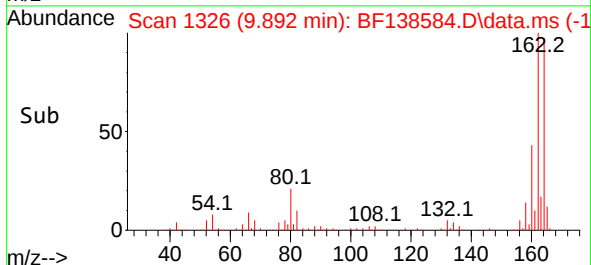
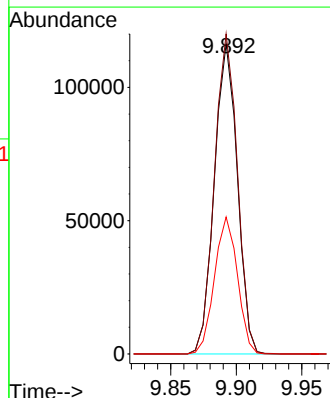
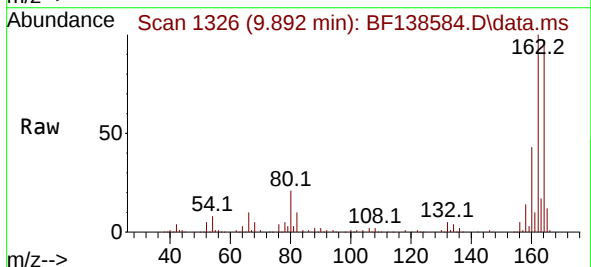
Instrument :
BNA_F
ClientSampleId :
B-120-SB02

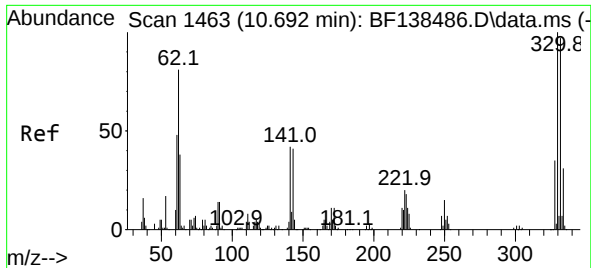
Tgt Ion: 82 Resp: 325011
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138584.D
Acq: 19 Jul 2024 12:29

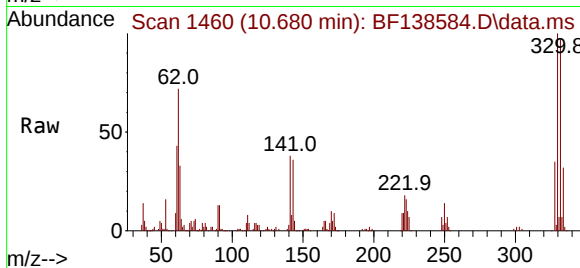
Tgt Ion:164 Resp: 141716
Ion Ratio Lower Upper
164 100
162 103.1 79.0 118.6
160 44.1 34.4 51.6



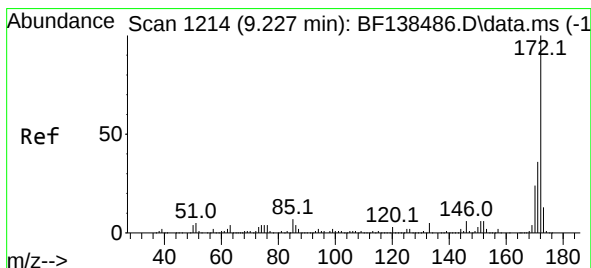
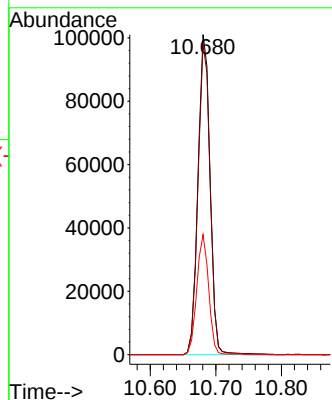
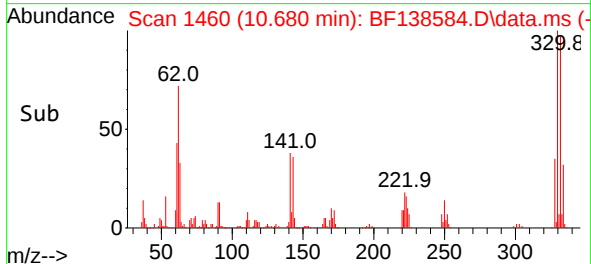


#42
 2,4,6-Tribromophenol
 Concen: 98.229 ng
 RT: 10.680 min Scan# 1460
 Delta R.T. -0.012 min
 Lab File: BF138584.D
 Acq: 19 Jul 2024 12:29

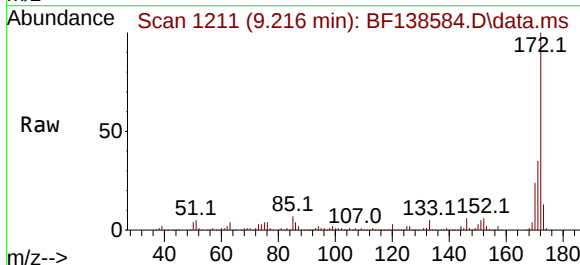
Instrument :
 BNA_F
 ClientSampleId :
 B-120-SB02



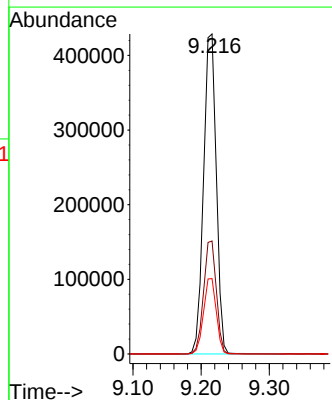
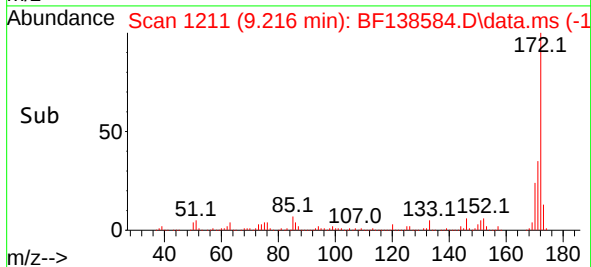
Tgt Ion:330 Resp: 130102
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 36.8 29.4 44.2

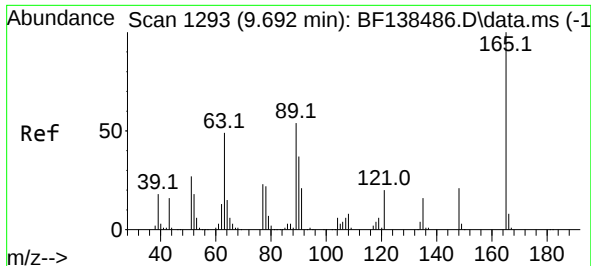


#45
 2-Fluorobiphenyl
 Concen: 61.577 ng
 RT: 9.216 min Scan# 1211
 Delta R.T. -0.012 min
 Lab File: BF138584.D
 Acq: 19 Jul 2024 12:29



Tgt Ion:172 Resp: 558349
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.464 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

Instrument :

BNA_F

ClientSampleId :

B-120-SB02

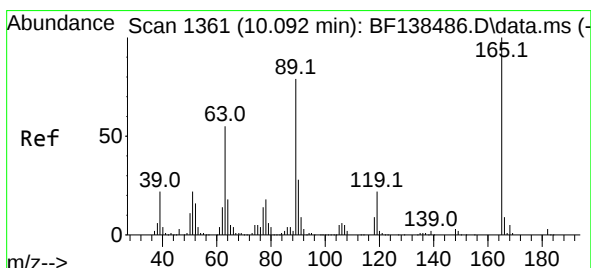
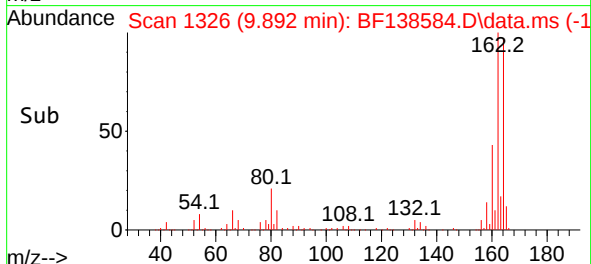
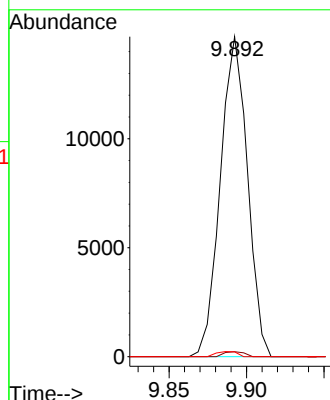
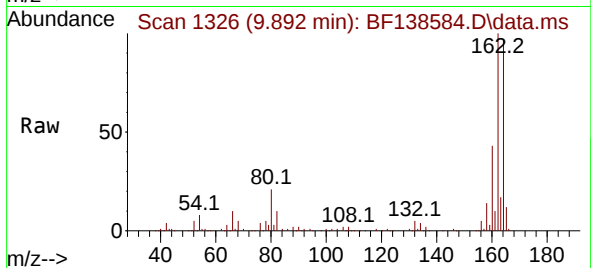
Tgt Ion:165 Resp: 17859

Ion Ratio Lower Upper

165 100

63 1.6 48.1 72.1#

89 1.5 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.542 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.200 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

Tgt Ion:165 Resp: 17859

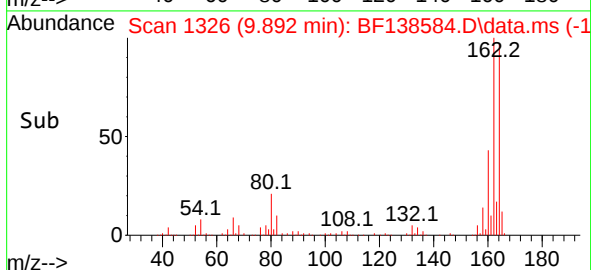
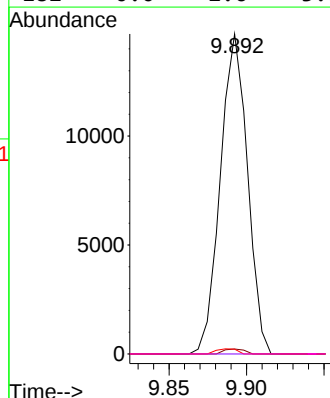
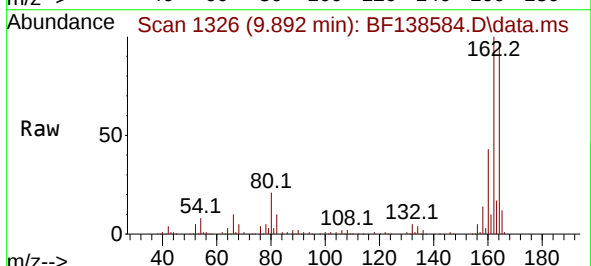
Ion Ratio Lower Upper

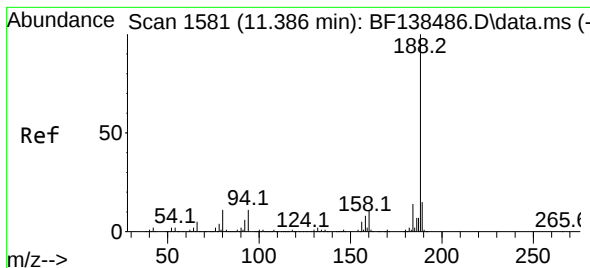
165 100

63 1.6 44.6 66.8#

89 1.5 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: BF138584.D

Acq: 19 Jul 2024 12:29

Instrument :

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ClientSampleId :

B-120-SB02

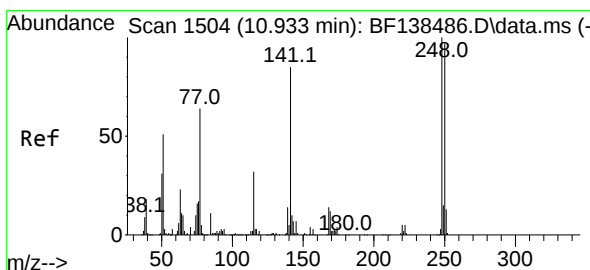
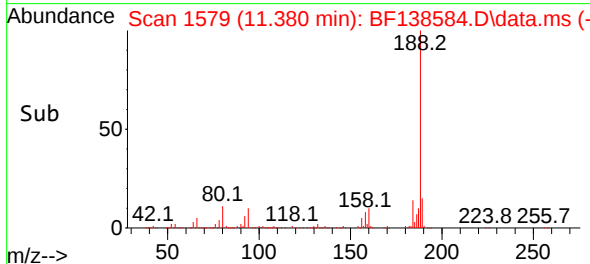
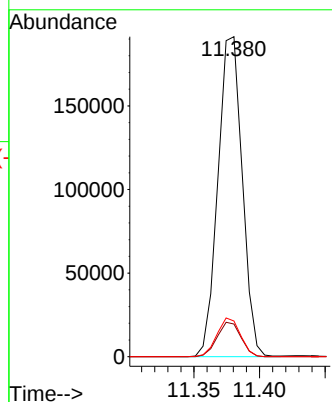
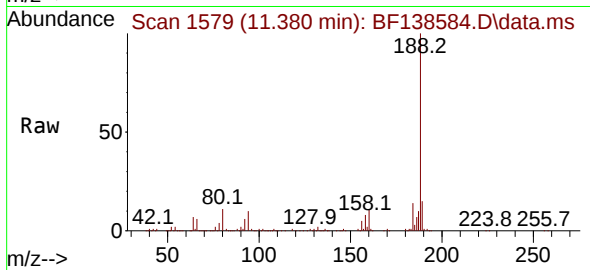
Tgt Ion:188 Resp: 246741

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.582 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

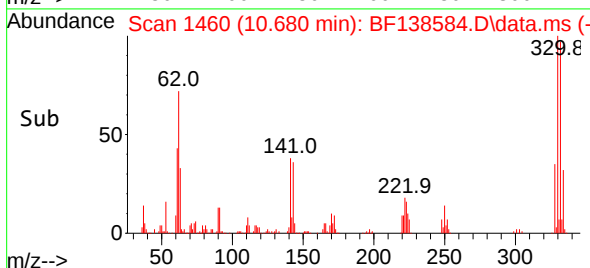
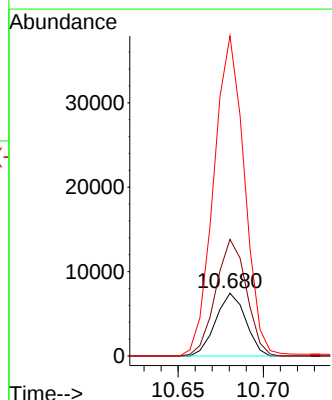
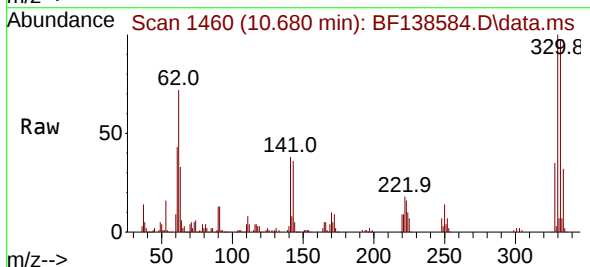
Tgt Ion:248 Resp: 9085

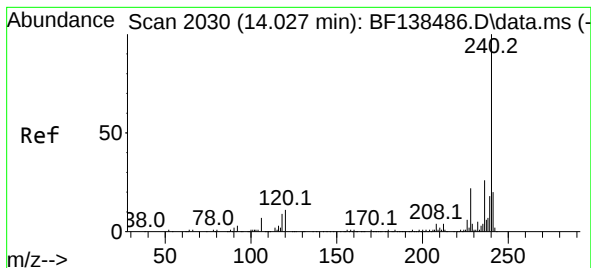
Ion Ratio Lower Upper

248 100

250 185.9 77.9 116.9#

141 510.0 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

Instrument :

BNA_F

ClientSampleId :

B-120-SB02

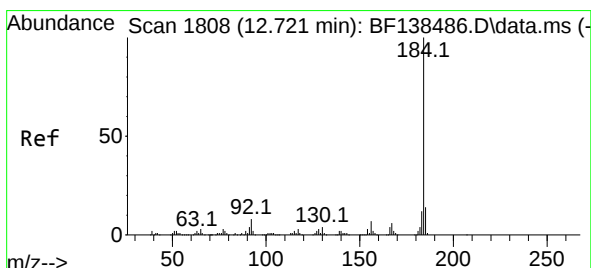
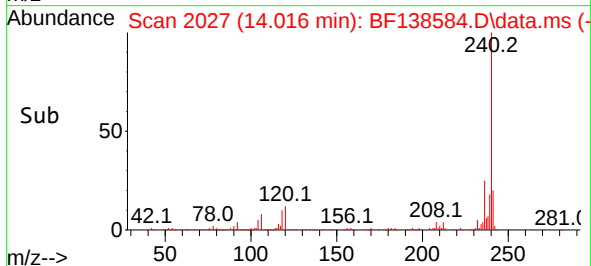
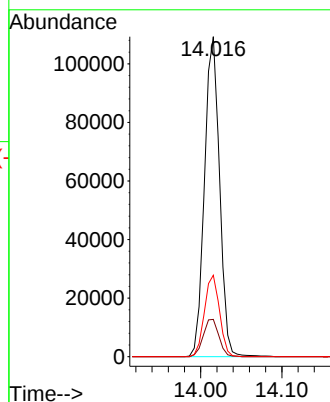
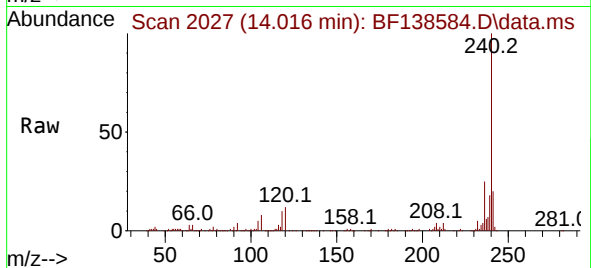
Tgt Ion:240 Resp: 140623

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 25.4 21.0 31.6



#77

Benidine

Concen: 2.063 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.242 min

Lab File: BF138584.D

Acq: 19 Jul 2024 12:29

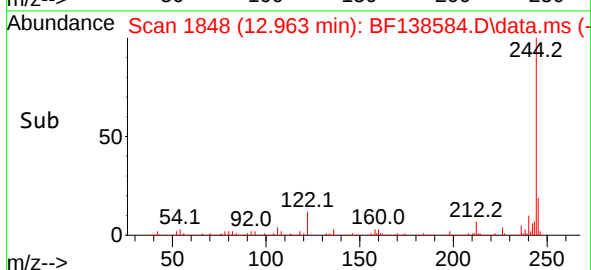
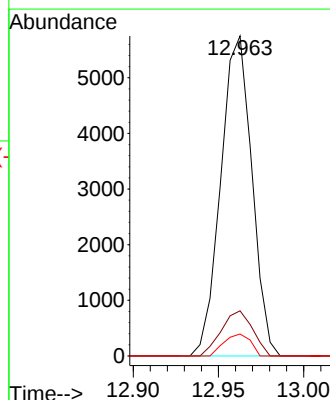
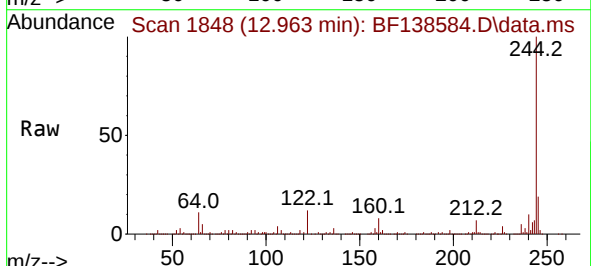
Tgt Ion:184 Resp: 7319

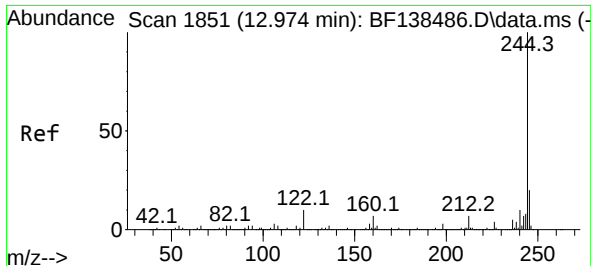
Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

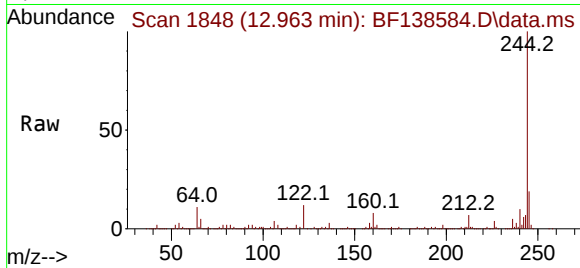
183 6.8 9.5 14.3#



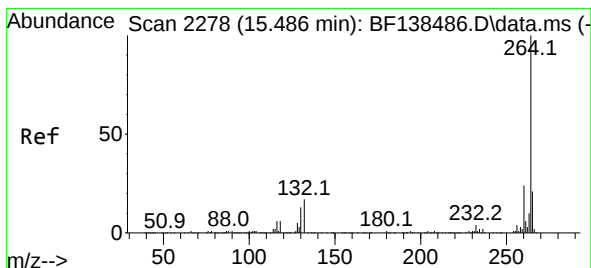
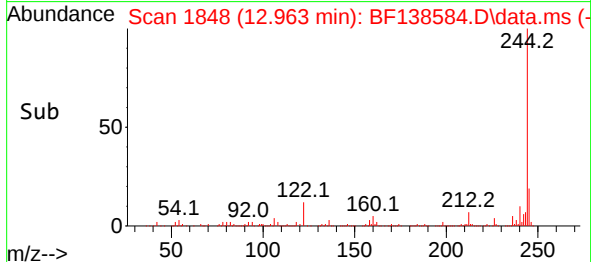
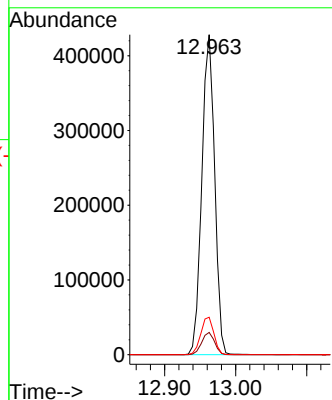


#79
 Terphenyl-d14
 Concen: 62.482 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138584.D
 Acq: 19 Jul 2024 12:29

Instrument :
 BNA_F
 ClientSampleId :
 B-120-SB02



Tgt Ion:244 Resp: 539335
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.7 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: BF138584.D
 Acq: 19 Jul 2024 12:29

Tgt Ion:264 Resp: 161967
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 17.0 25.4

