

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138521.D
 Acq On : 11 Jul 2024 14:10
 Operator : CG\JU
 Sample : P3183-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

Quant Time: Jul 11 14:55:36 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)

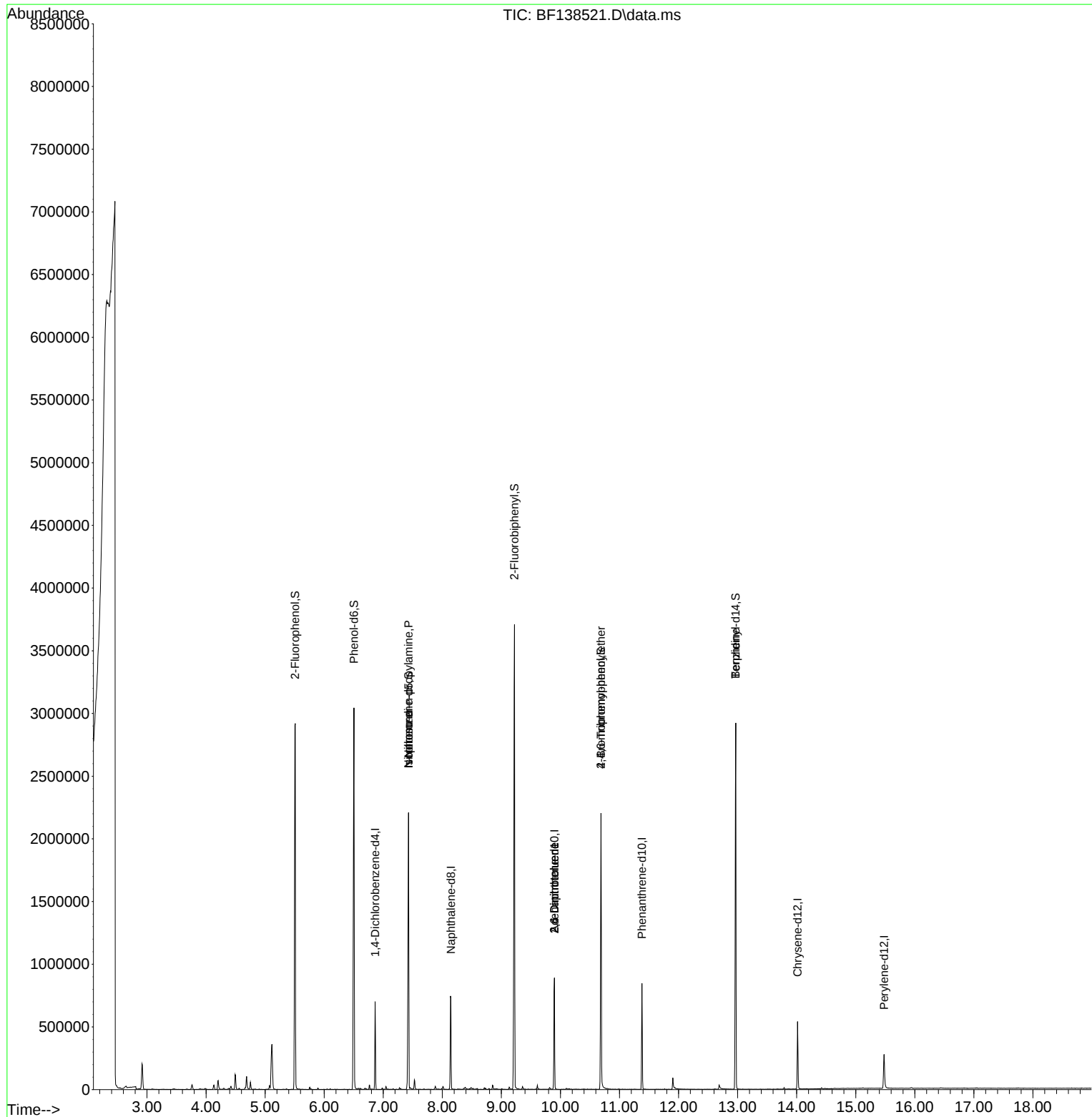
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83036	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	332744	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	183484	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	278217	20.000	ng	0.00
76) Chrysene-d12	14.015	240	161436	20.000	ng	-0.01
86) Perylene-d12	15.480	264	133676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	791222	150.911	ng	0.02
7) Phenol-d6	6.504	99	1004571	144.030	ng	0.00
23) Nitrobenzene-d5	7.428	82	691191	101.988	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	241395	140.768	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1191612	101.501	ng	0.00
79) Terphenyl-d14	12.968	244	971149	98.003	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94038	21.820	ng	# 74
25) Isophorone	7.428	82	691181	59.387	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	24400	8.932	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	24400	6.903	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	16609	5.808	ng	# 1
77) Benzidine	12.968	184	12993	3.190	ng	# 90

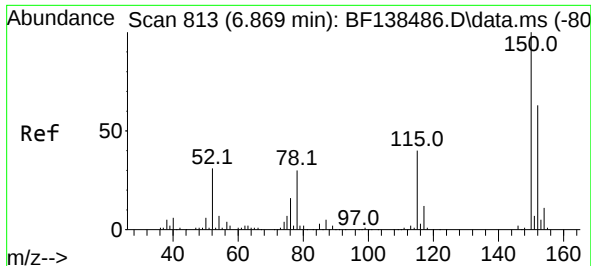
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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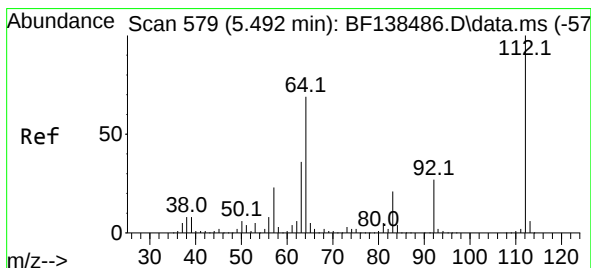
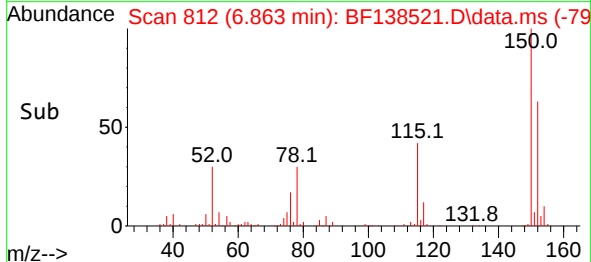
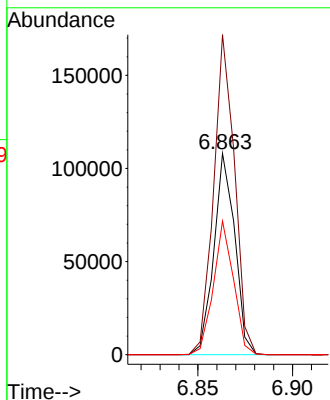
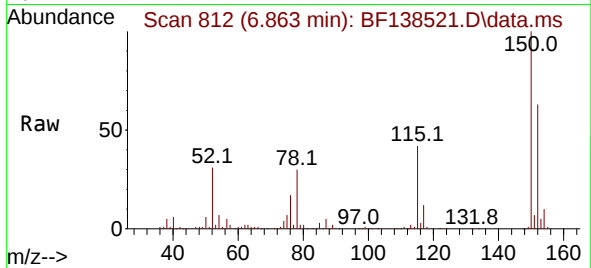




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

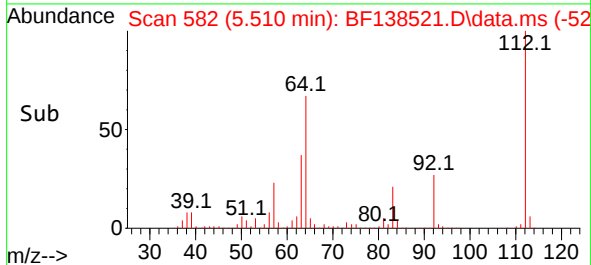
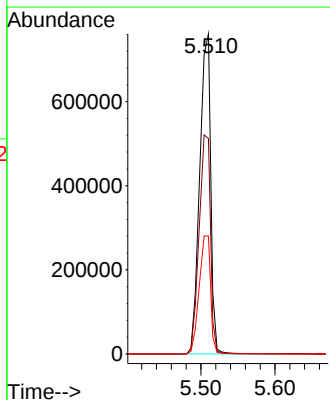
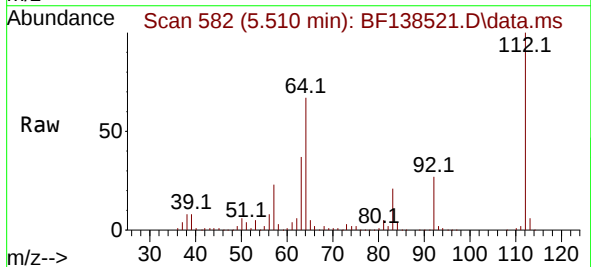
Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tgt Ion:152 Resp: 83036
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 66.4 50.3 75.5



#5
2-Fluorophenol
Concen: 150.911 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Tgt Ion:112 Resp: 791222
Ion Ratio Lower Upper
112 100
64 67.3 55.1 82.7
63 36.9 29.0 43.6

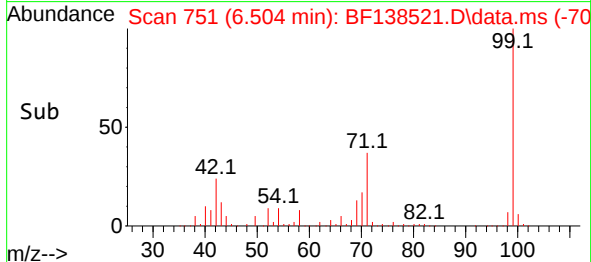
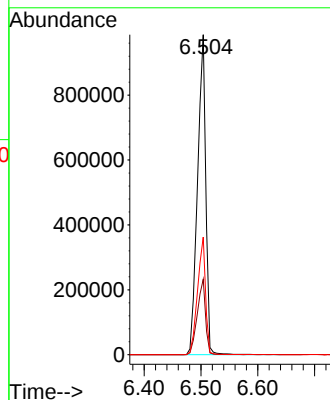
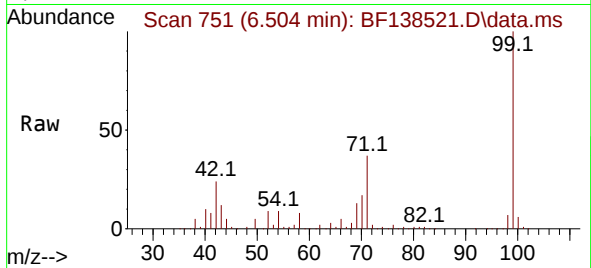




#7
Phenol-d6
Concen: 144.030 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

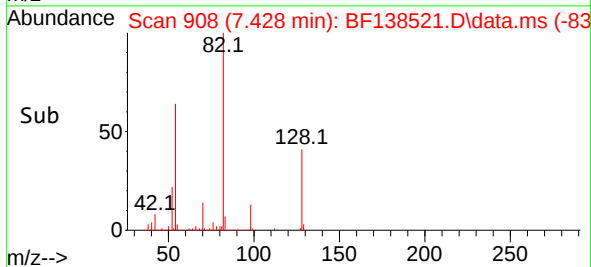
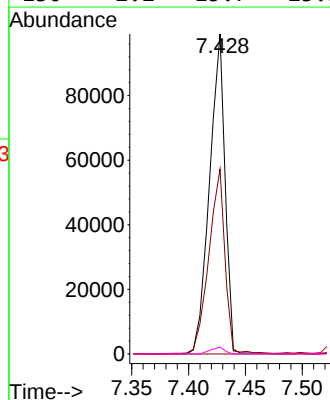
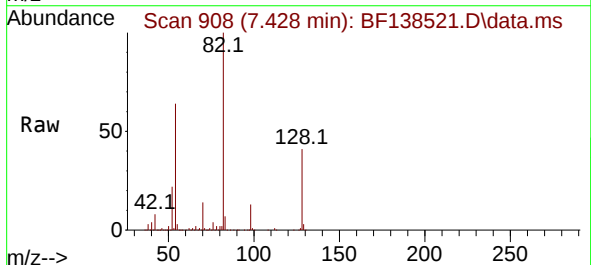
Instrument :
BNA_F
ClientSampleId :
VNJ-226

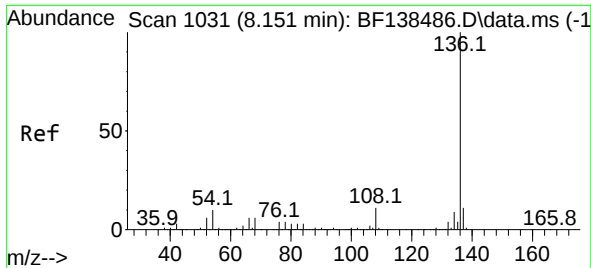
Tgt Ion: 99 Resp: 1004571
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.8 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.820 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Tgt Ion: 70 Resp: 94038
Ion Ratio Lower Upper
70 100
42 57.8 62.4 93.6#
101 0.0 7.2 10.8#
130 2.2 15.7 23.5#



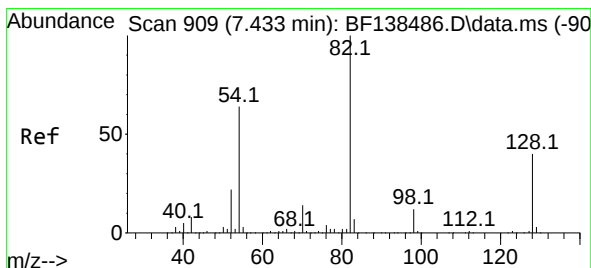
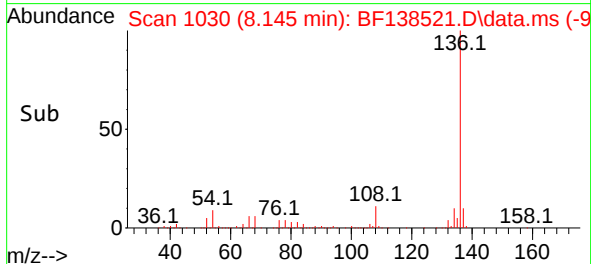
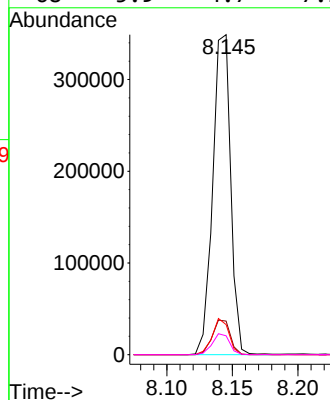
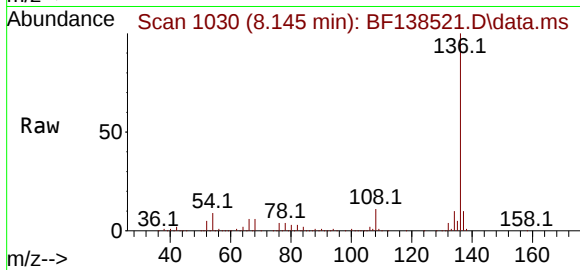


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tgt Ion:136 Resp: 332744

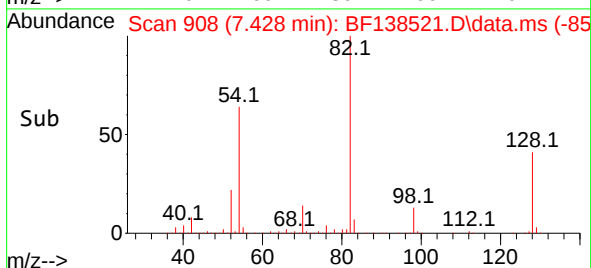
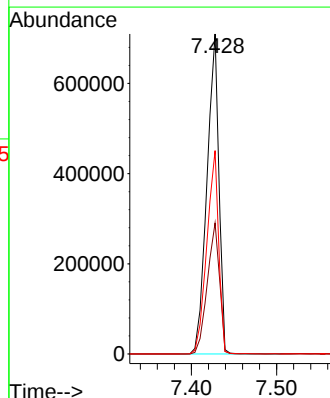
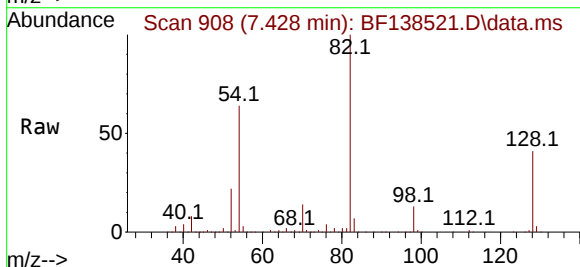
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.4	8.1	12.1
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 101.988 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Tgt Ion: 82 Resp: 691191

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	63.5	51.4	77.0

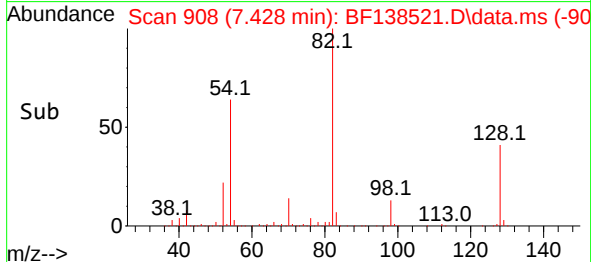
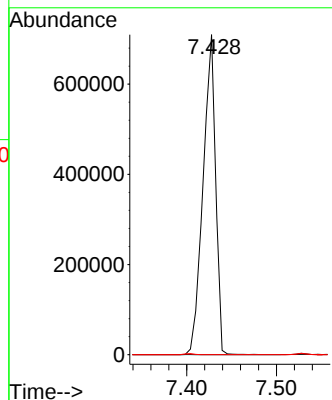
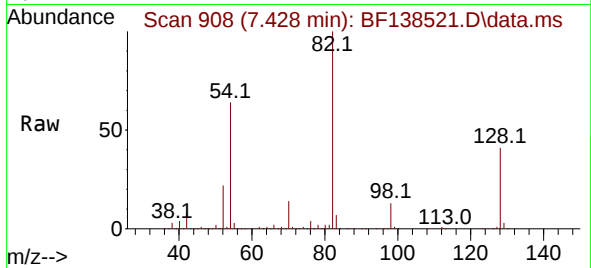




#25
Isophorone
Concen: 59.387 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

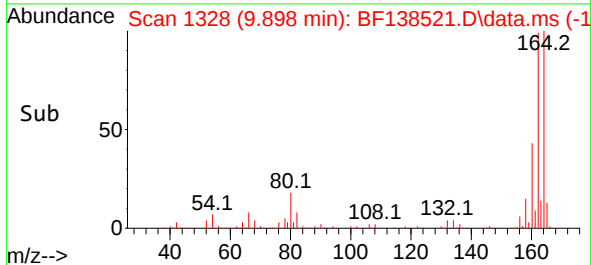
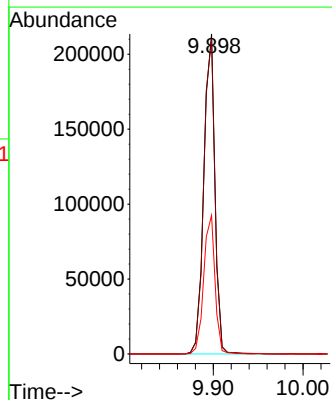
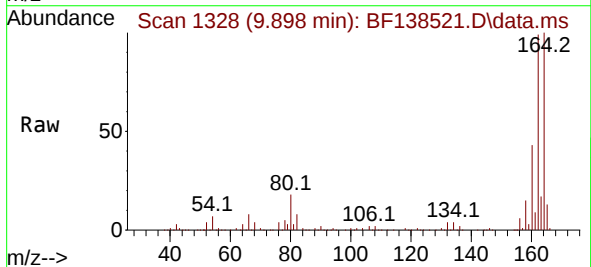
Instrument :
BNA_F
ClientSampleId :
VNJ-226

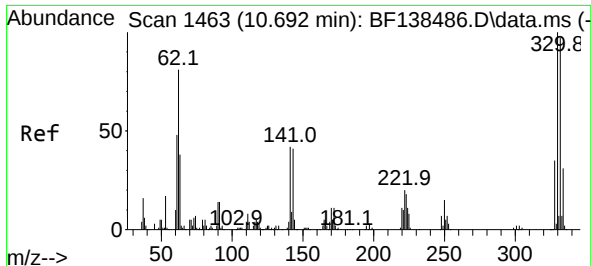
Tgt Ion: 82 Resp: 691181
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Tgt Ion:164 Resp: 183484
Ion Ratio Lower Upper
164 100
162 98.5 79.0 118.6
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.768 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138521.D

Acq: 11 Jul 2024 14:10

Instrument :

BNA_F

ClientSampleId :

VNJ-226

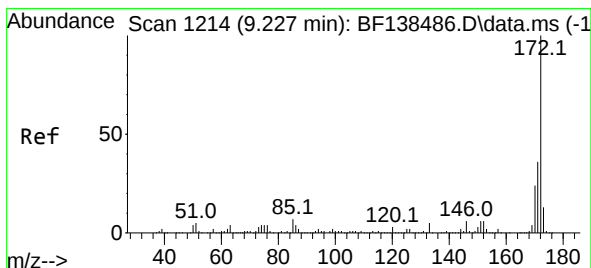
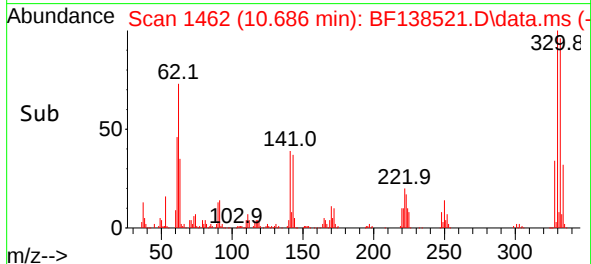
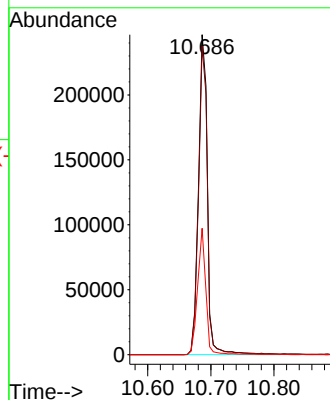
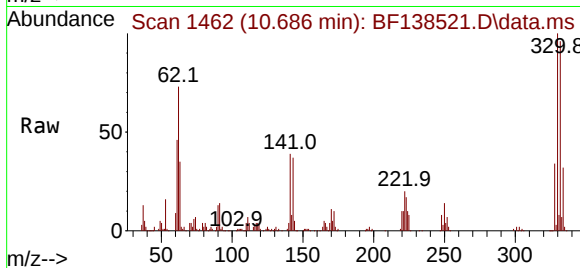
Tgt Ion:330 Resp: 241395

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 36.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 101.501 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138521.D

Acq: 11 Jul 2024 14:10

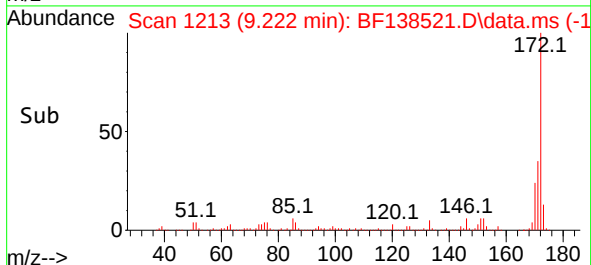
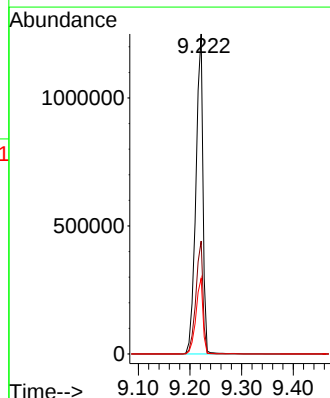
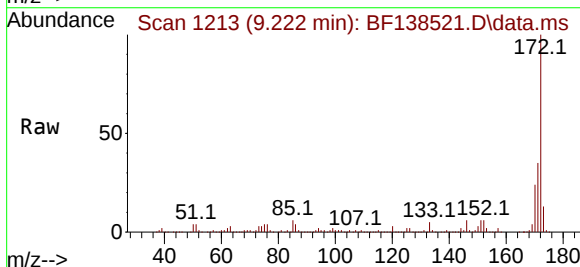
Tgt Ion:172 Resp: 1191612

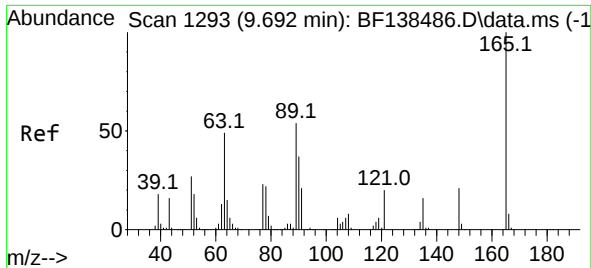
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.6 18.9 28.3

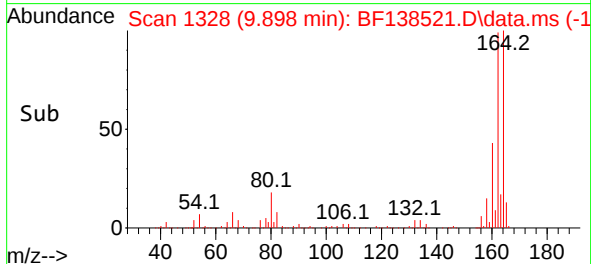
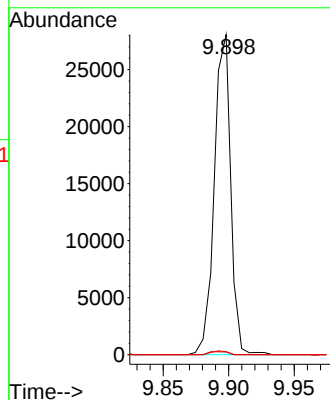
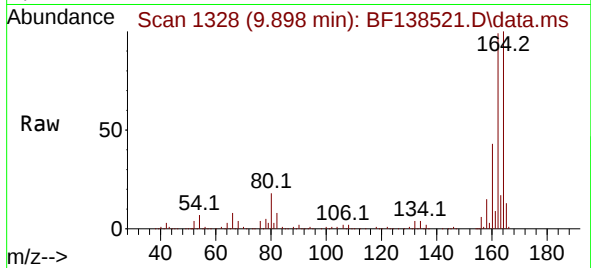




#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

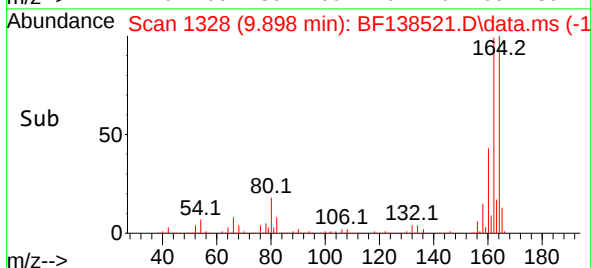
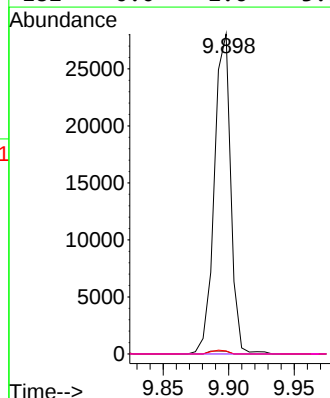
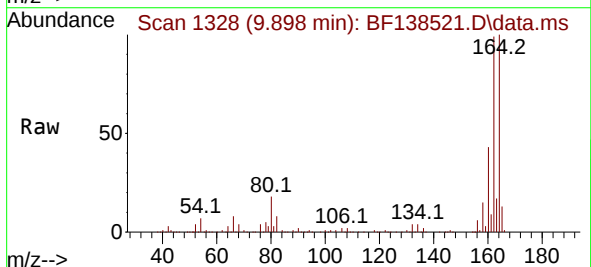
Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tgt Ion:165 Resp: 24400
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 0.9 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.903 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138521.D
Acq: 11 Jul 2024 14:10

Tgt Ion:165 Resp: 24400
Ion Ratio Lower Upper
165 100
63 0.9 44.6 66.8#
89 0.9 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138521.D

Acq: 11 Jul 2024 14:10

Instrument :

BNA_F

ClientSampleId :

VNJ-226

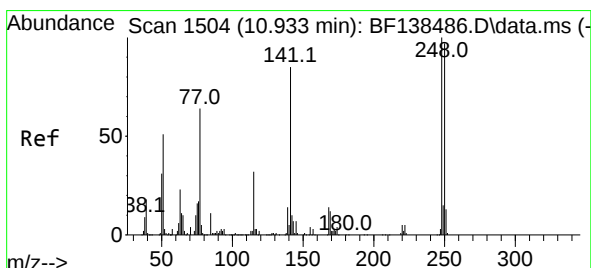
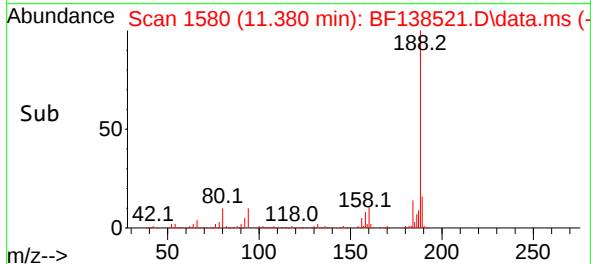
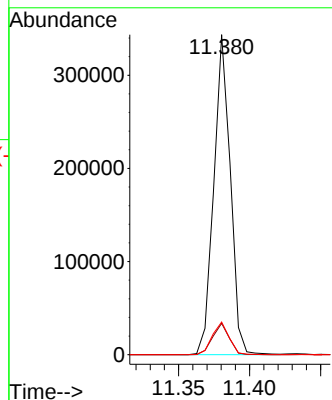
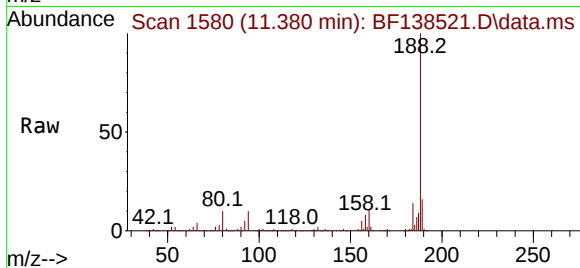
Tgt Ion:188 Resp: 278217

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.808 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138521.D

Acq: 11 Jul 2024 14:10

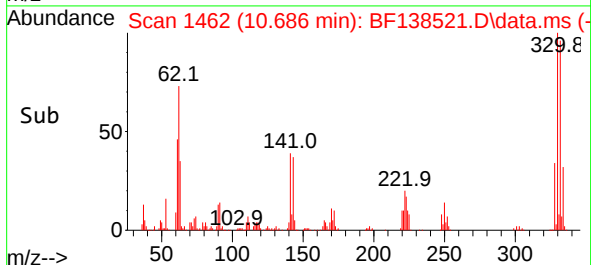
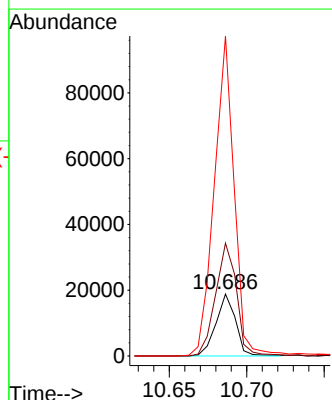
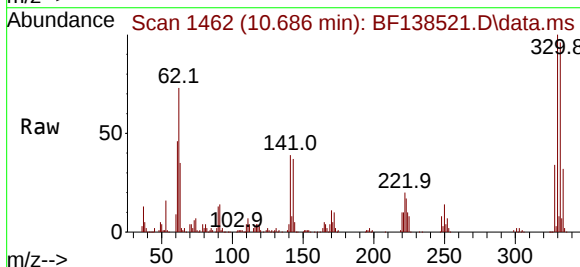
Tgt Ion:248 Resp: 16609

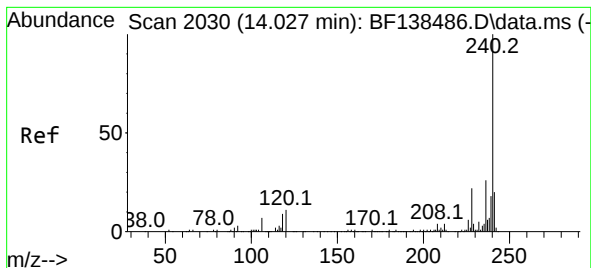
Ion Ratio Lower Upper

248 100

250 182.3 77.9 116.9#

141 517.2 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: BF138521.D

Acq: 11 Jul 2024 14:10

Instrument :

BNA_F

ClientSampleId :

VNJ-226

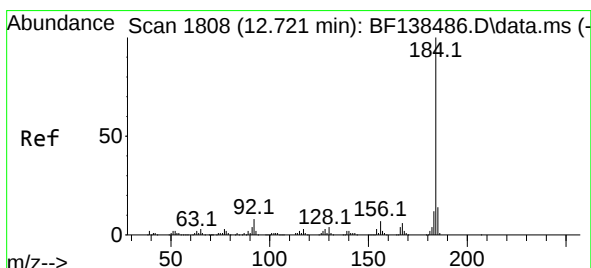
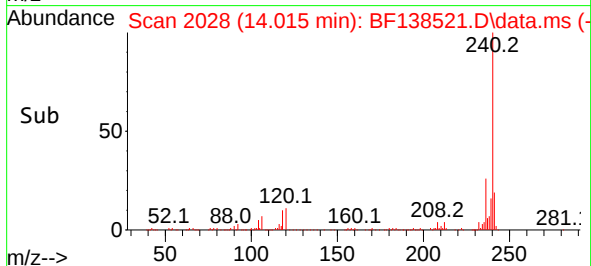
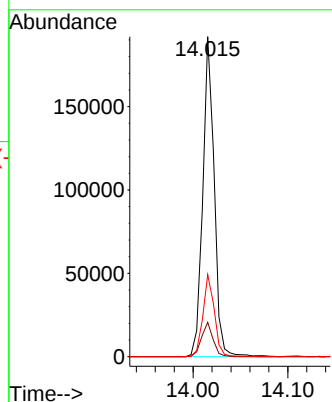
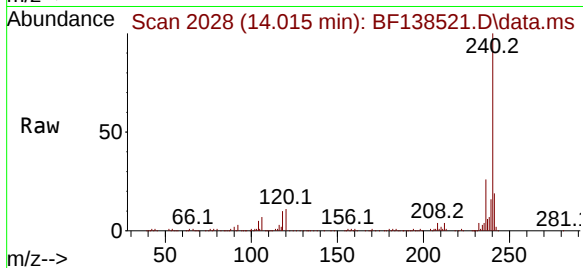
Tgt Ion:240 Resp: 161436

Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.6 21.0 31.6



#77

Benzidine

Concen: 3.190 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF138521.D

Acq: 11 Jul 2024 14:10

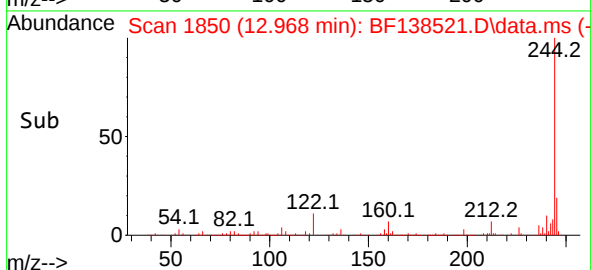
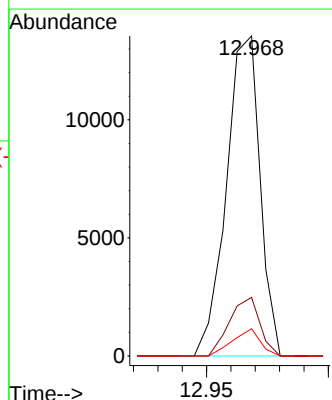
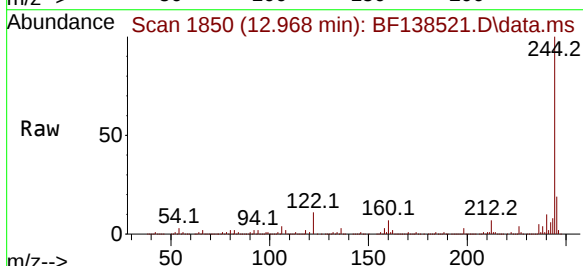
Tgt Ion:184 Resp: 12993

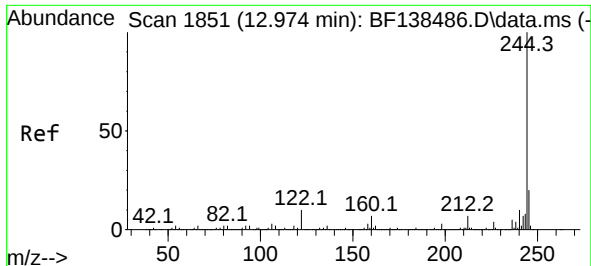
Ion Ratio Lower Upper

184 100

185 18.3 11.3 16.9#

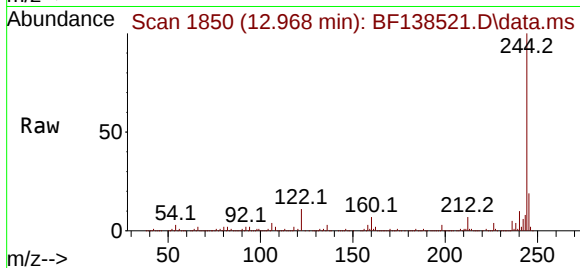
183 8.5 9.5 14.3#



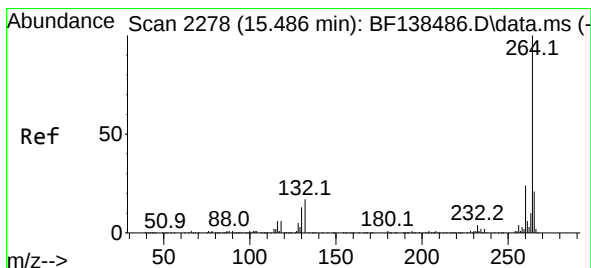
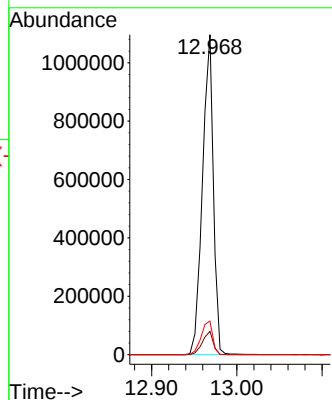
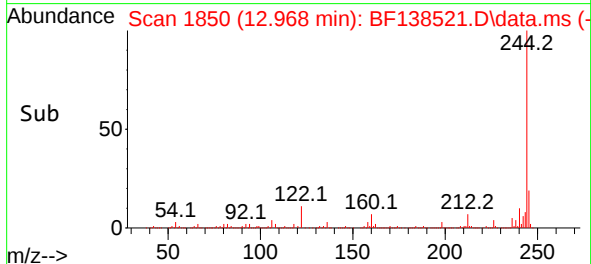


#79
 Terphenyl-d14
 Concen: 98.003 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138521.D
 Acq: 11 Jul 2024 14:10

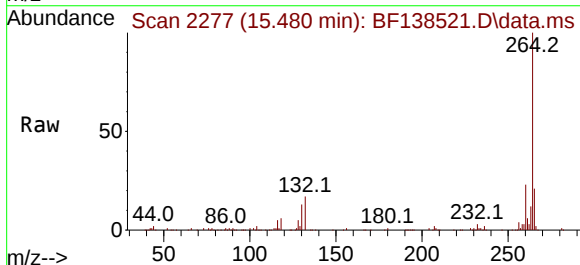
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226



Tgt Ion:244 Resp: 971149
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138521.D
 Acq: 11 Jul 2024 14:10



Tgt Ion:264 Resp: 133676
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.5 17.0 25.4

