

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138529.D
 Acq On : 11 Jul 2024 18:17
 Operator : CG\JU
 Sample : P3187-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jul 11 18:43:15 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)

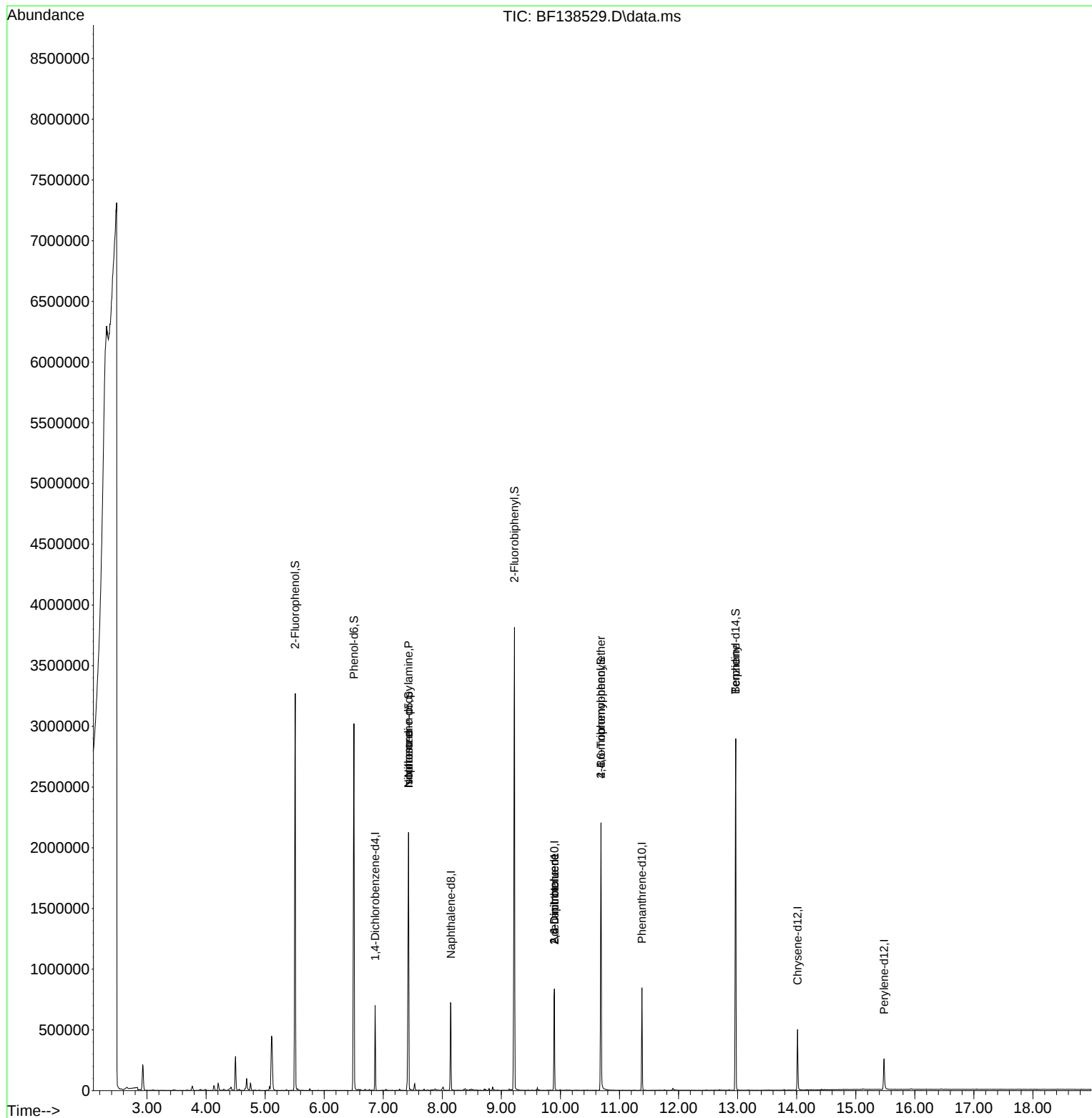
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80664	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	323736	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	177746	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	264936	20.000	ng	0.00
76) Chrysene-d12	14.016	240	155867	20.000	ng	-0.01
86) Perylene-d12	15.480	264	123197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	785600	154.245	ng	0.02
7) Phenol-d6	6.504	99	999522	147.521	ng	0.00
23) Nitrobenzene-d5	7.428	82	695016	105.406	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	238702	143.691	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1196937	105.246	ng	0.00
79) Terphenyl-d14	12.969	244	958236	100.155	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94098	22.476	ng	Qvalue 75
25) Isophorone	7.428	82	695011	61.378	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	22658	8.562	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	22658	6.617	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	16725	6.142	ng	# 1
77) Benzidine	12.969	184	13668	3.476	ng	# 93

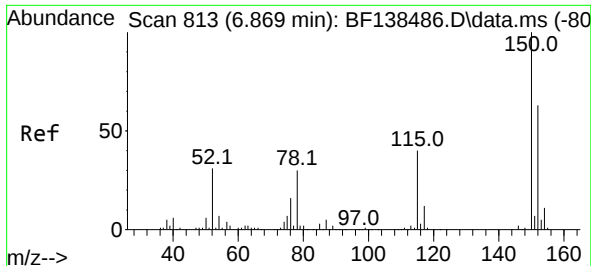
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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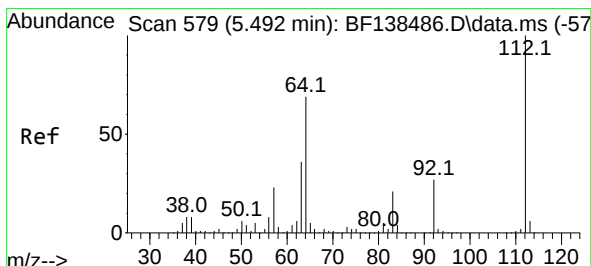
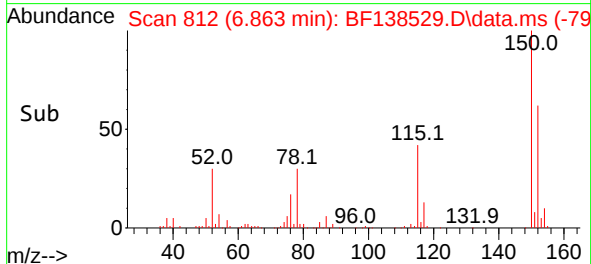
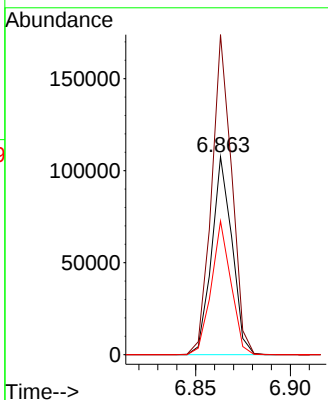
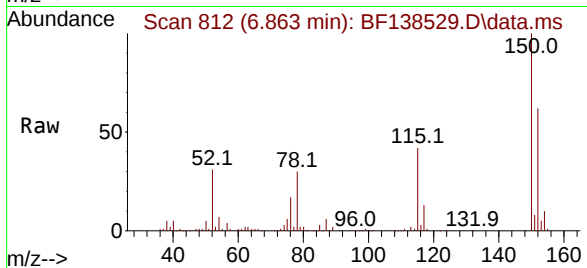




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

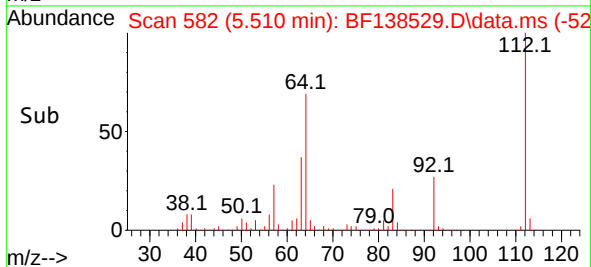
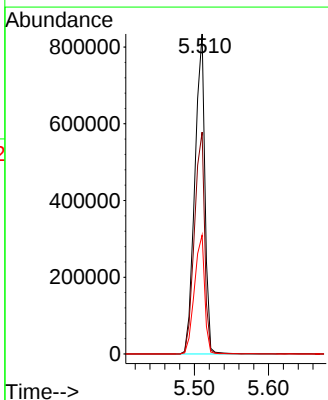
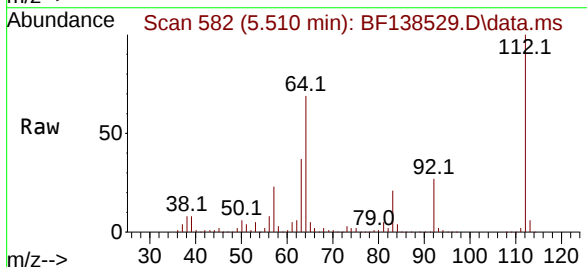
Instrument :
BNA_F
ClientSampleId :
WC-3

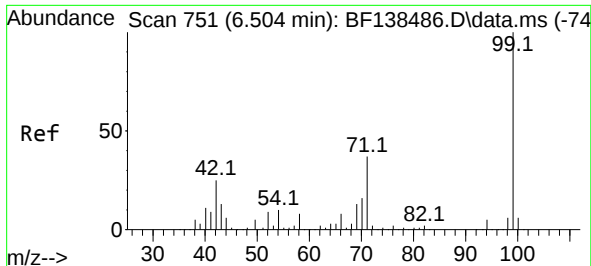
Tgt Ion:152 Resp: 80664
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.4
115 67.5 50.3 75.5



#5
2-Fluorophenol
Concen: 154.245 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion:112 Resp: 785600
Ion Ratio Lower Upper
112 100
64 69.4 55.1 82.7
63 37.1 29.0 43.6

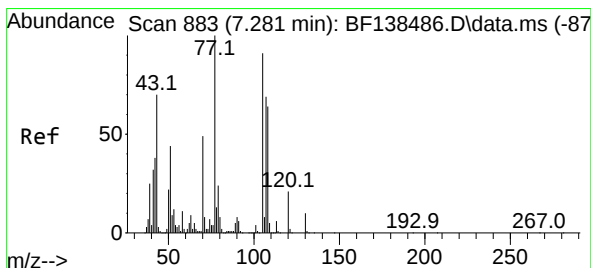
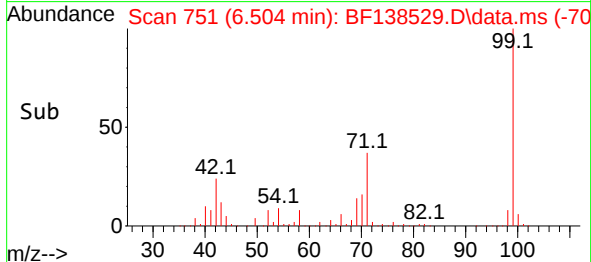
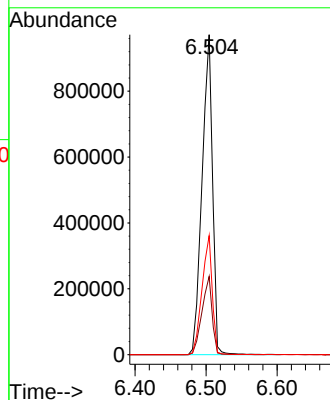
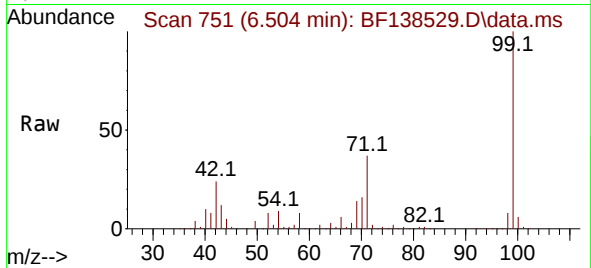




#7
Phenol-d6
Concen: 147.521 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

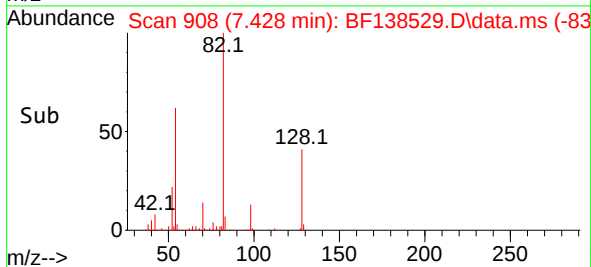
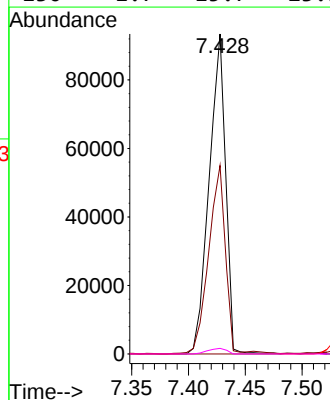
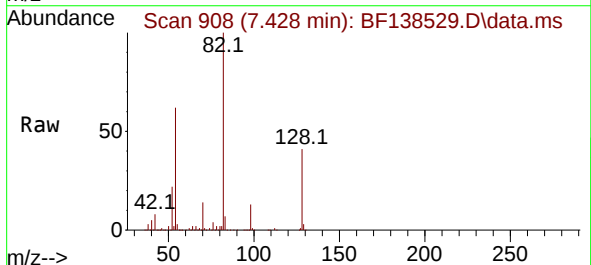
Instrument :
BNA_F
ClientSampleId :
WC-3

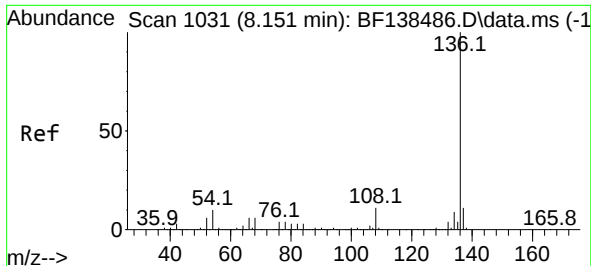
Tgt Ion: 99 Resp: 999522
Ion Ratio Lower Upper
99 100
42 24.4 19.7 29.5
71 37.2 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.476 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion: 70 Resp: 94098
Ion Ratio Lower Upper
70 100
42 58.9 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#

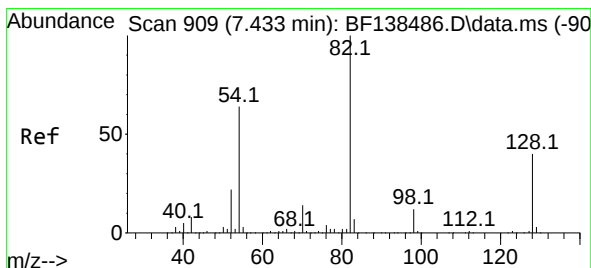
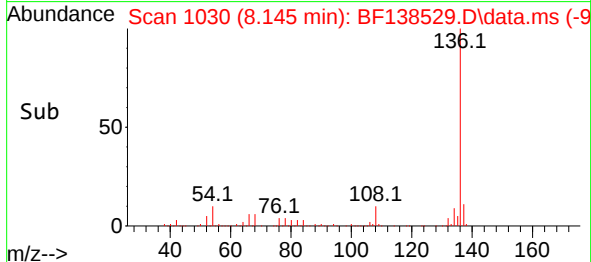
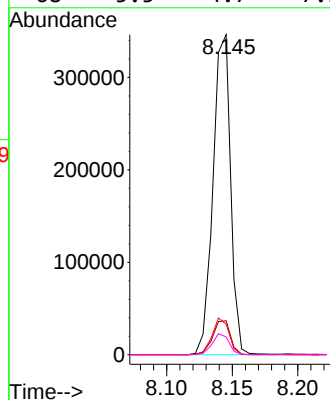
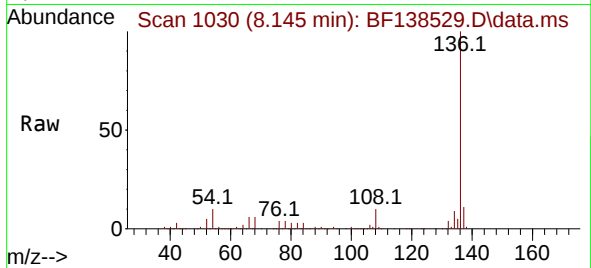




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

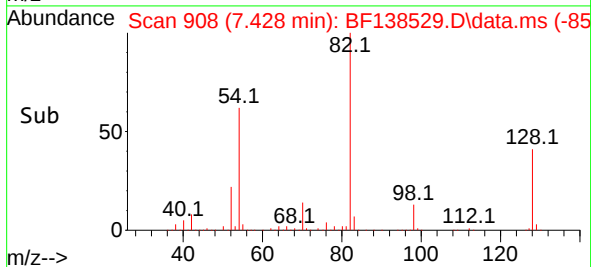
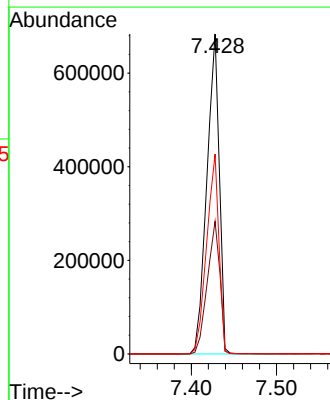
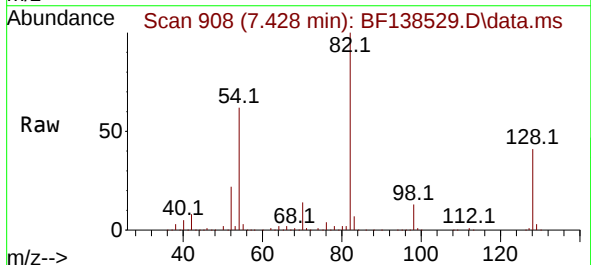
Instrument :
BNA_F
ClientSampleId :
WC-3

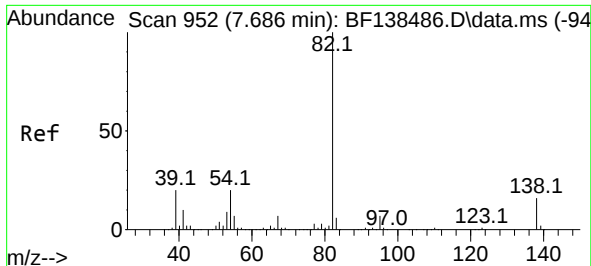
Tgt Ion:	136	Resp:	323736
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	9.6	8.1	12.1
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 105.406 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion:	82	Resp:	695016
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.3	48.5
54	62.5	51.4	77.0

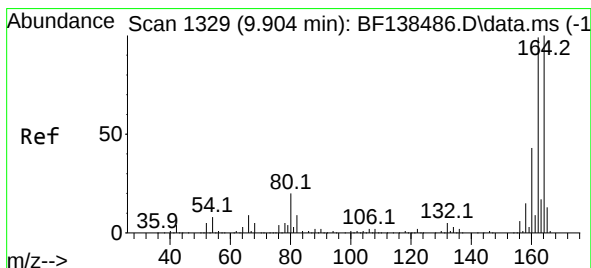
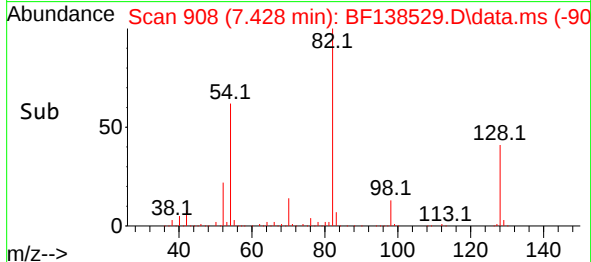
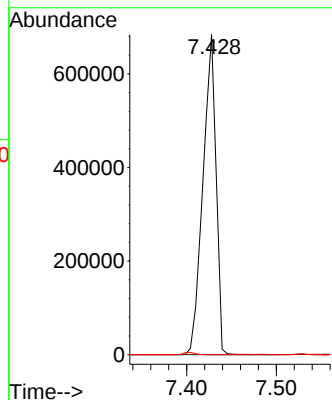
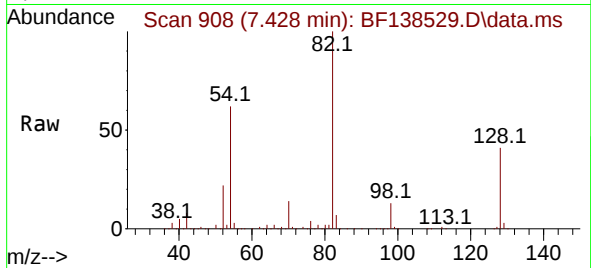




#25
Isophorone
Concen: 61.378 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

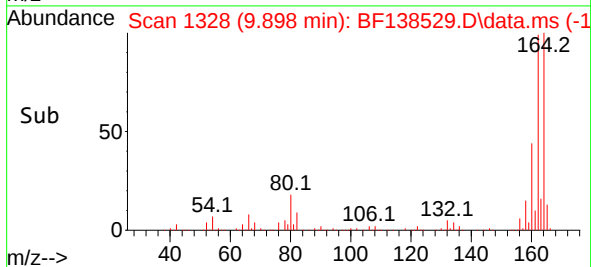
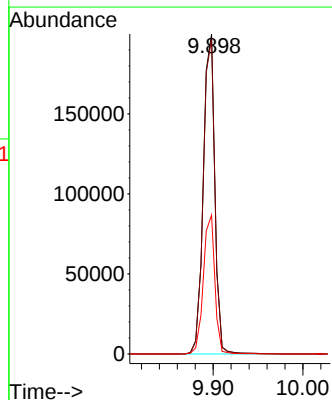
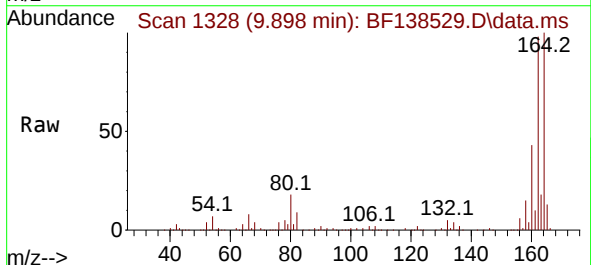
Instrument :
BNA_F
ClientSampleId :
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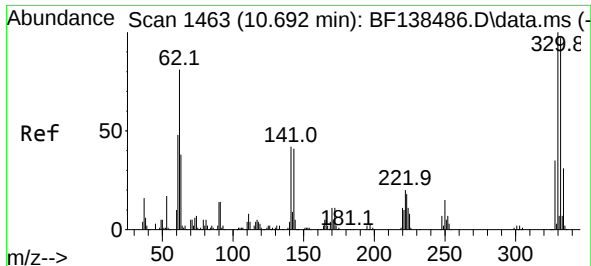
Tgt Ion: 82 Resp: 695011
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

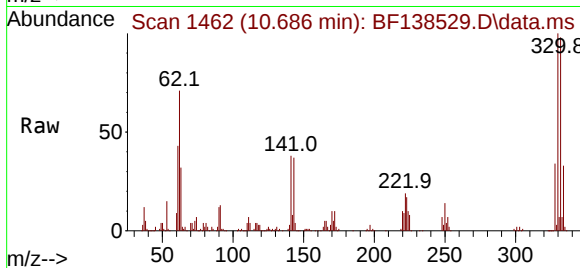
Tgt Ion: 164 Resp: 177746
Ion Ratio Lower Upper
164 100
162 98.5 79.0 118.6
160 43.4 34.4 51.6



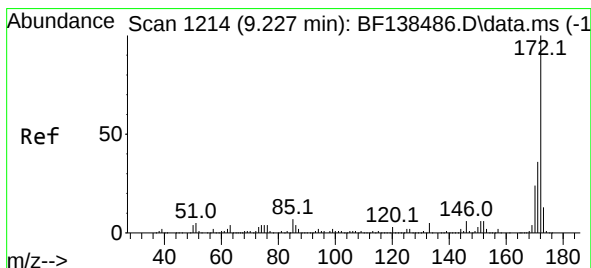
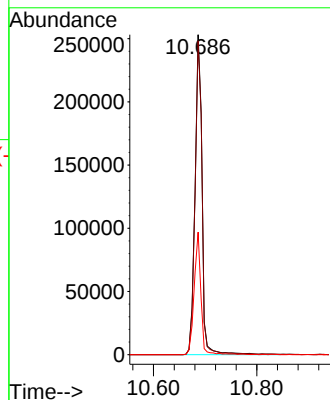
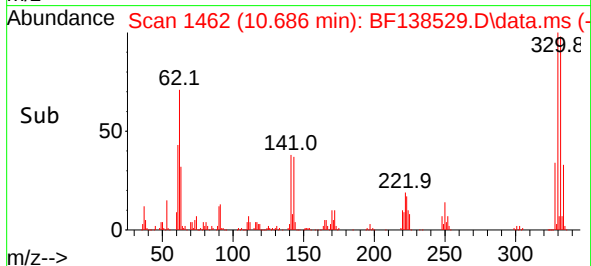


#42
2,4,6-Tribromophenol
Concen: 143.691 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Instrument :
BNA_F
ClientSampleId :
WC-3

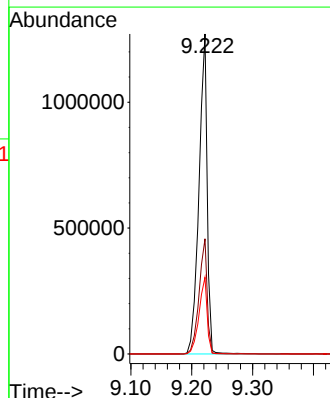
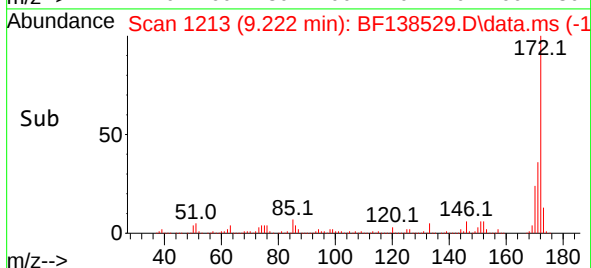
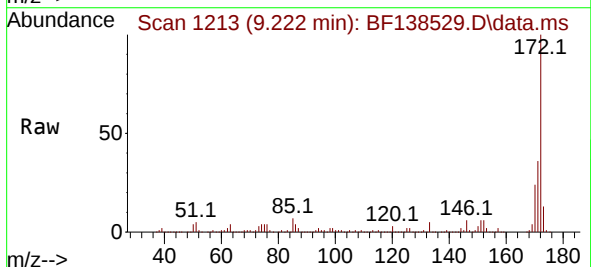


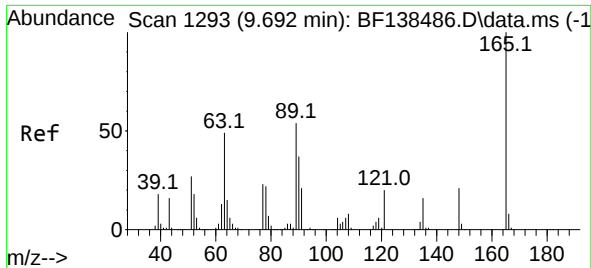
Tgt Ion:330 Resp: 238702
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 36.9 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 105.246 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion:172 Resp: 1196937
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.9 28.3

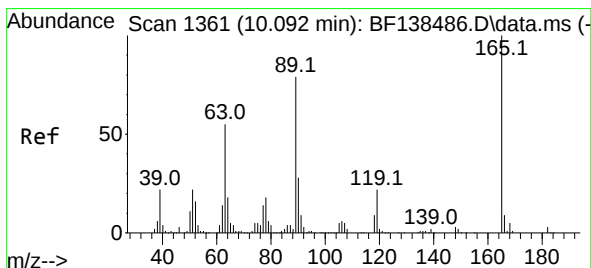
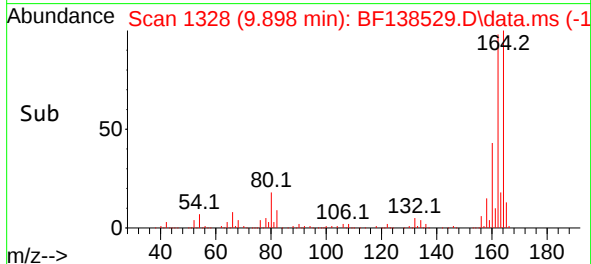
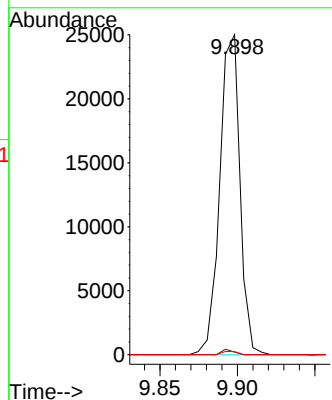
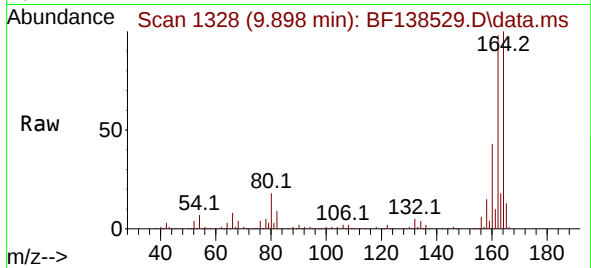




#51
2,6-Dinitrotoluene
Concen: 8.562 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

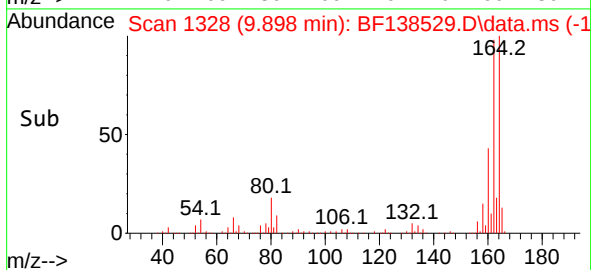
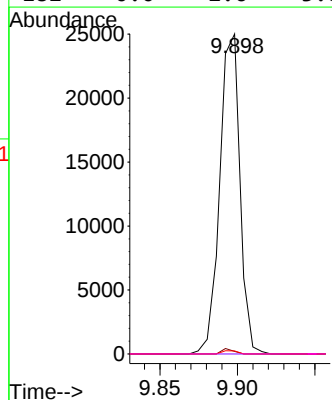
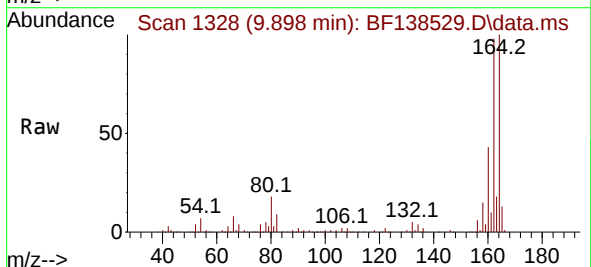
Instrument :
BNA_F
ClientSampleId :
WC-3

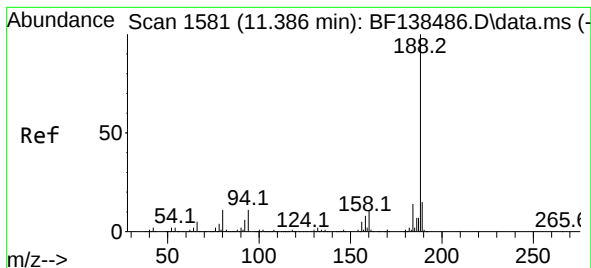
Tgt Ion:165 Resp: 22658
Ion Ratio Lower Upper
165 100
63 0.8 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.617 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138529.D
Acq: 11 Jul 2024 18:17

Tgt Ion:165 Resp: 22658
Ion Ratio Lower Upper
165 100
63 0.8 44.6 66.8#
89 1.0 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: BF138529.D

Acq: 11 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

WC-3

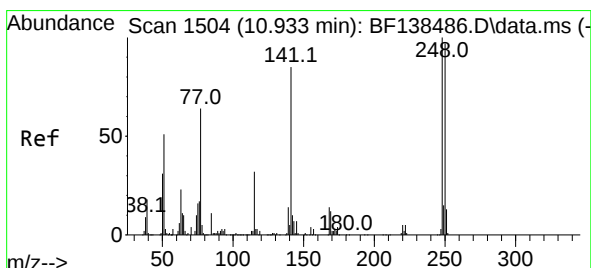
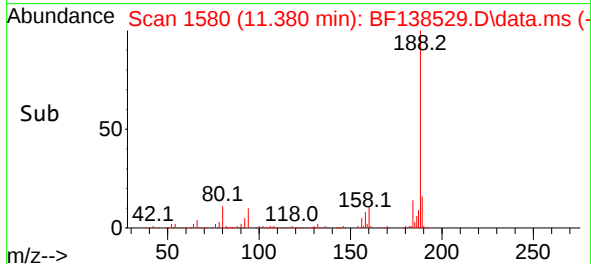
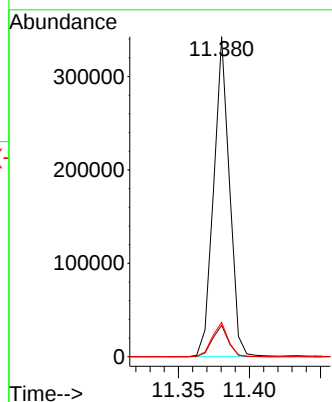
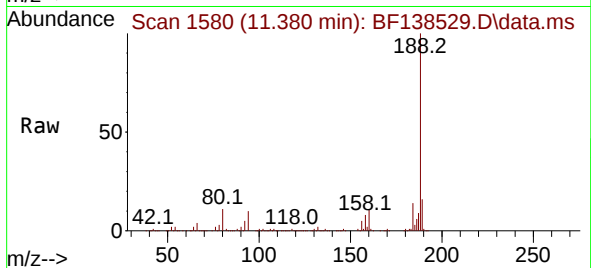
Tgt Ion:188 Resp: 264936

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 6.142 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

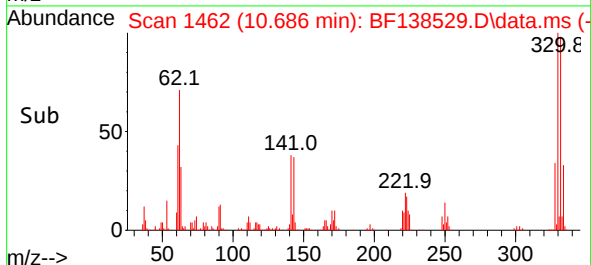
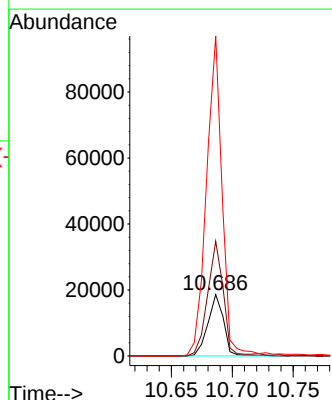
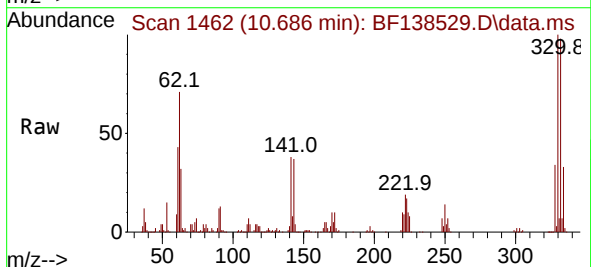
Tgt Ion:248 Resp: 16725

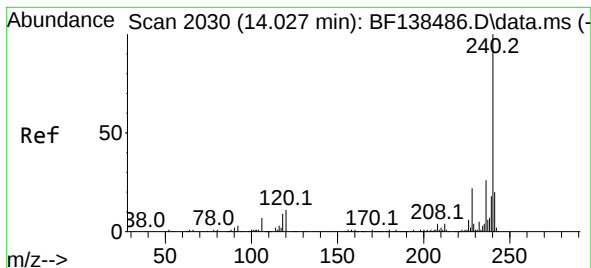
Ion Ratio Lower Upper

248 100

250 186.7 77.9 116.9#

141 520.7 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

WC-3

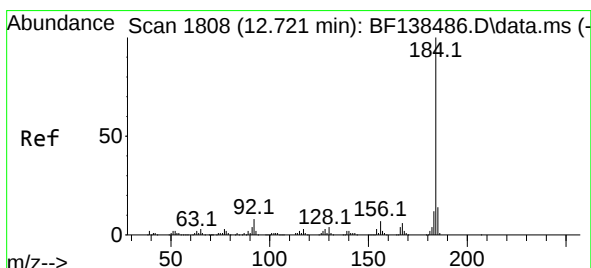
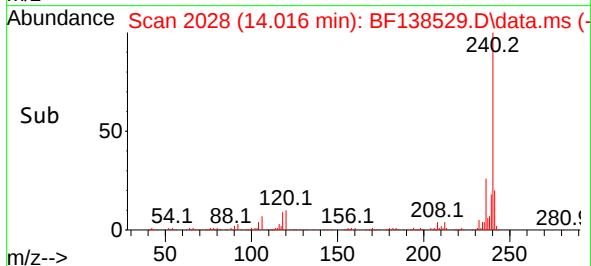
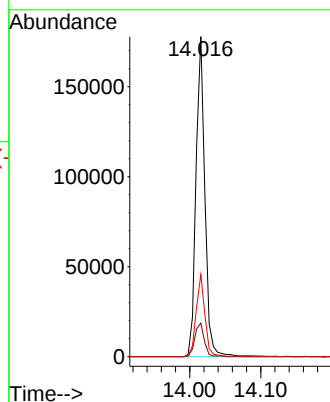
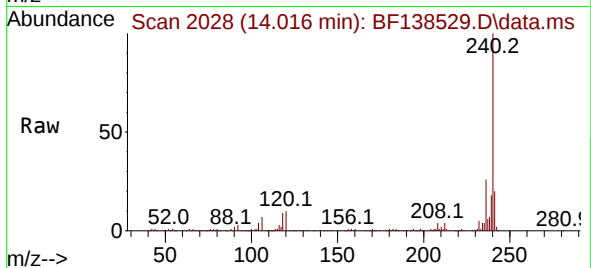
Tgt Ion:240 Resp: 155867

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.6 21.0 31.6



#77

Benzdine

Concen: 3.476 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.248 min

Lab File: BF138529.D

Acq: 11 Jul 2024 18:17

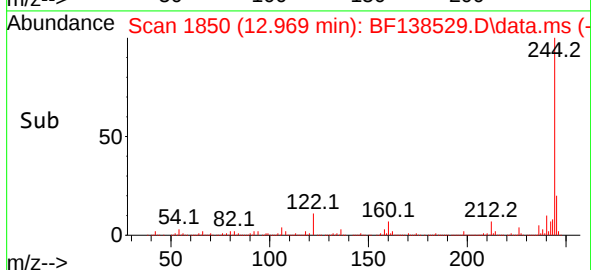
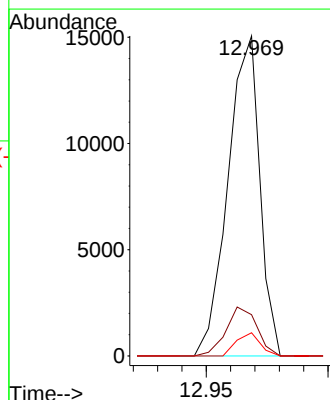
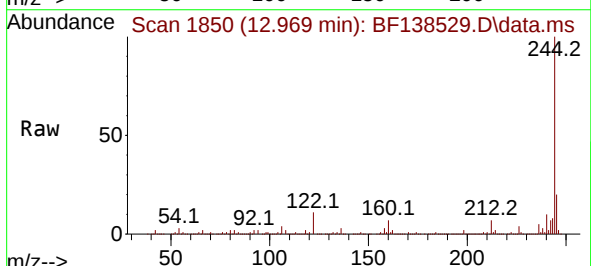
Tgt Ion:184 Resp: 13668

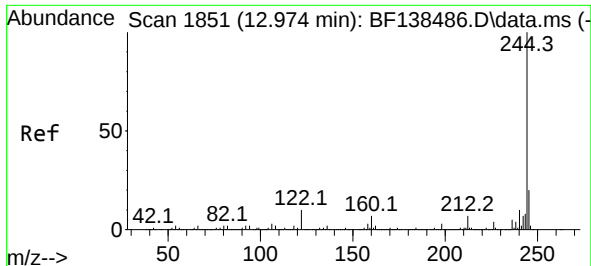
Ion Ratio Lower Upper

184 100

185 12.9 11.3 16.9

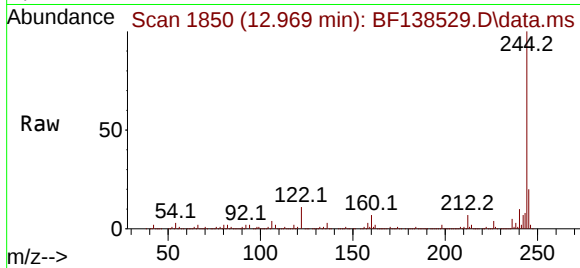
183 7.2 9.5 14.3#



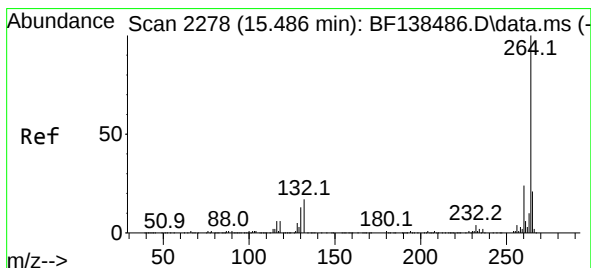
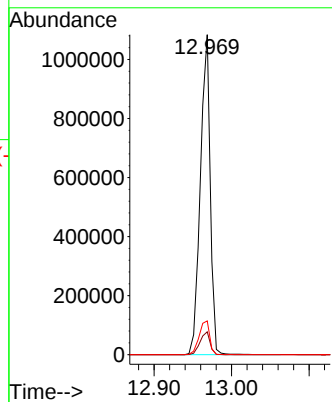
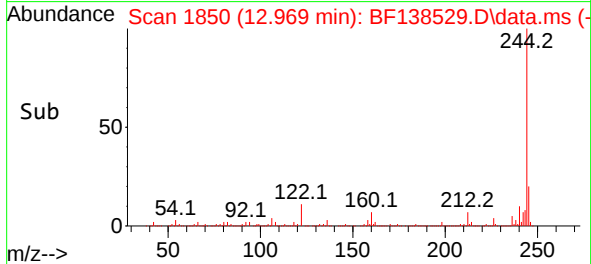


#79
 Terphenyl-d14
 Concen: 100.155 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138529.D
 Acq: 11 Jul 2024 18:17

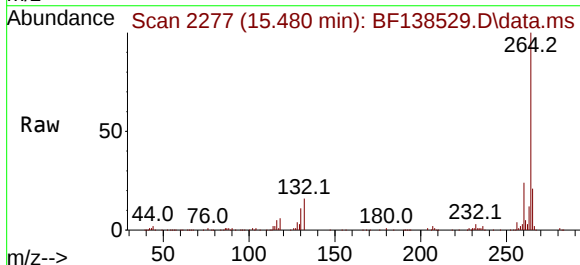
Instrument :
 BNA_F
 ClientSampleId :
 WC-3



Tgt Ion:244 Resp: 958236
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.6 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: BF138529.D
 Acq: 11 Jul 2024 18:17



Tgt Ion:264 Resp: 123197
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.0 17.0 25.4

