

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138543.D
 Acq On : 12 Jul 2024 13:23
 Operator : CG\JU
 Sample : PB161988BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161988BL

Quant Time: Jul 12 14:22:55 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)

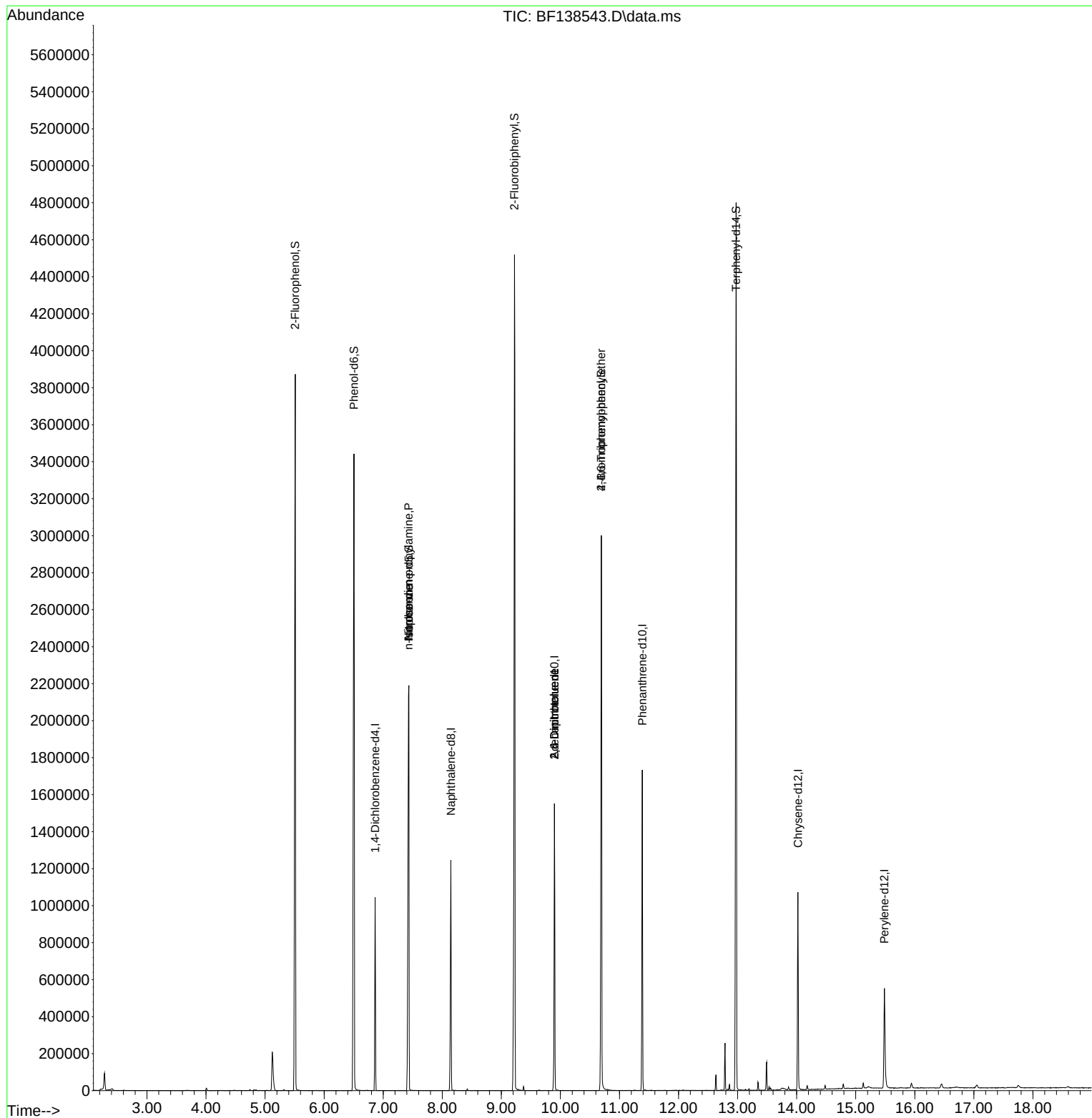
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	130832	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	535791	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	312492	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	575989	20.000	ng	0.00
76) Chrysene-d12	14.021	240	324918	20.000	ng	0.00
86) Perylene-d12	15.486	264	257778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1008139	122.038	ng	0.02
7) Phenol-d6	6.504	99	1348410	122.701	ng	0.00
23) Nitrobenzene-d5	7.434	82	900276	82.498	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	374446	128.211	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1614587	80.752	ng	0.00
79) Terphenyl-d14	12.975	244	1827566	91.633	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	122856	18.093	ng	# 74
25) Isophorone	7.434	82	900263	48.038	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	39952	8.587	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	39952	6.637	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	25110	4.241	ng	# 1

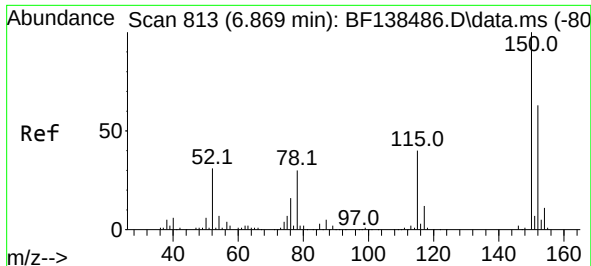
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
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BNA_F
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Quant Time: Jul 12 14:22:55 2024
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QLast Update : Tue Jul 09 16:58:40 2024
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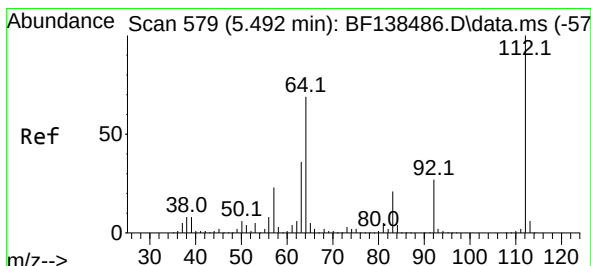
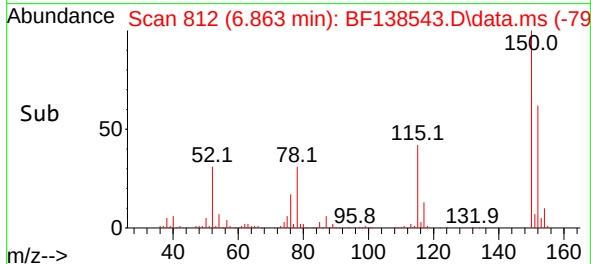
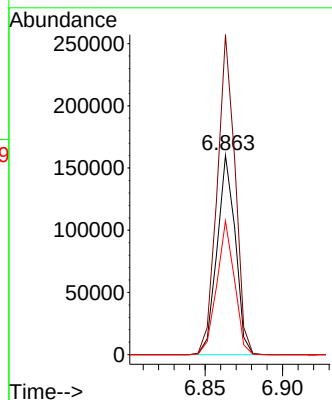
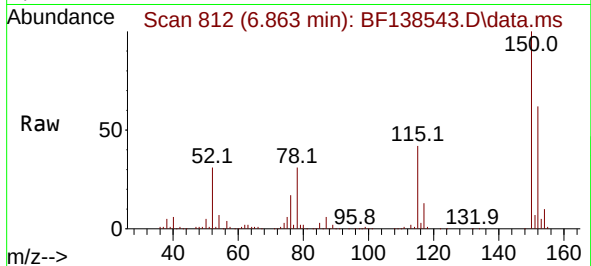




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

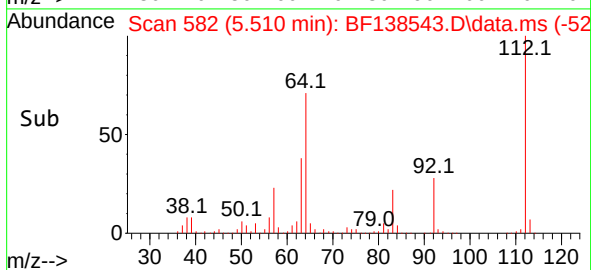
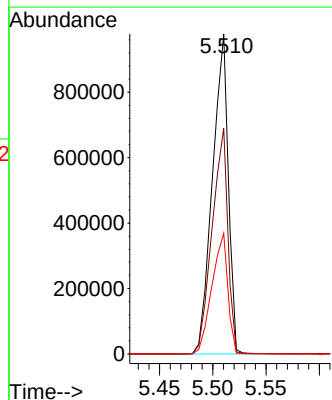
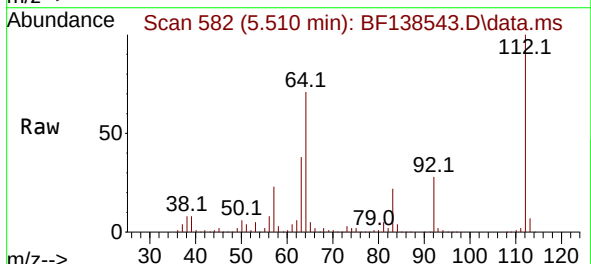
Instrument :
BNA_F
ClientSampleId :
PB161988BL

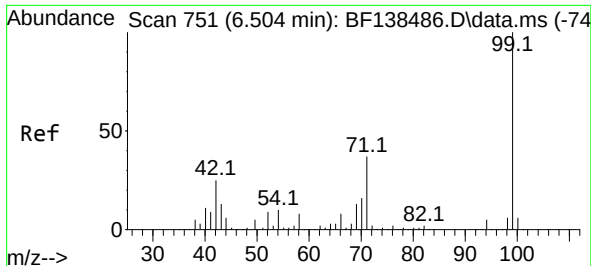
Tgt Ion:152 Resp: 130832
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.4
115 67.1 50.3 75.5



#5
2-Fluorophenol
Concen: 122.038 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion:112 Resp: 1008139
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.7 29.0 43.6

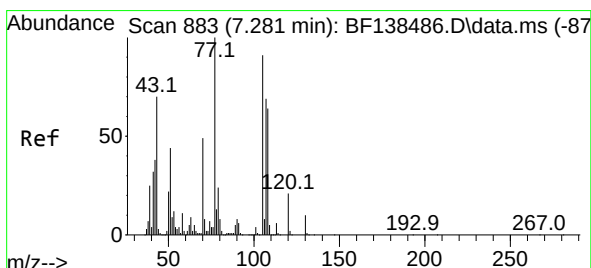
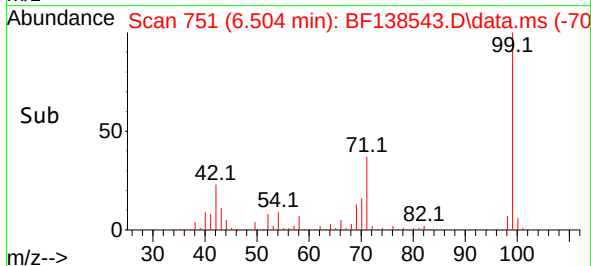
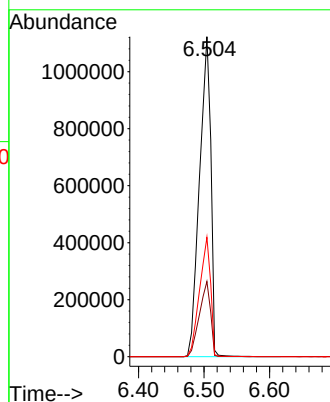
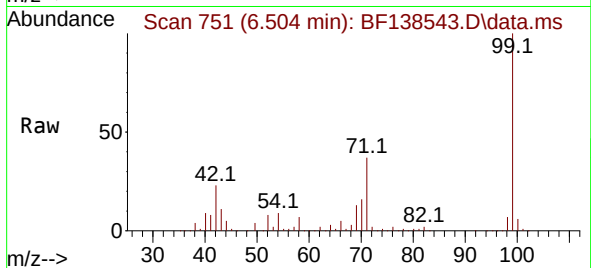




#7
Phenol-d6
Concen: 122.701 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

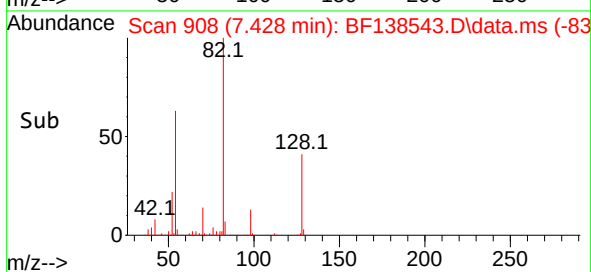
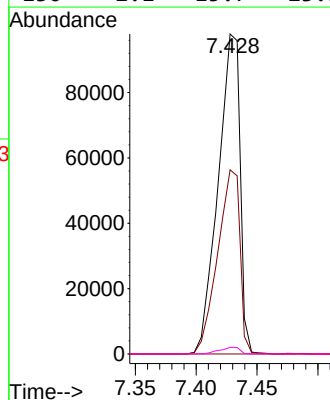
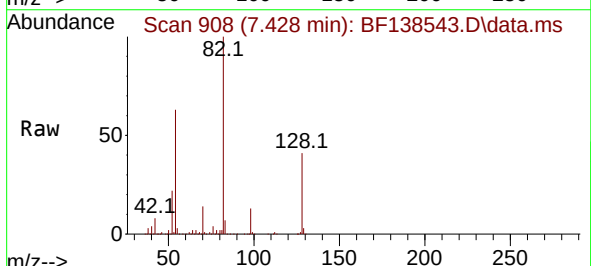
Instrument :
BNA_F
ClientSampleId :
PB161988BL

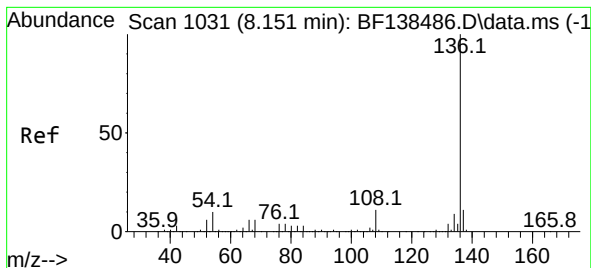
Tgt Ion: 99 Resp: 1348410
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 37.3 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.093 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion: 70 Resp: 122856
Ion Ratio Lower Upper
70 100
42 57.5 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138543.D

Acq: 12 Jul 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB161988BL

Tgt Ion:136 Resp: 535791

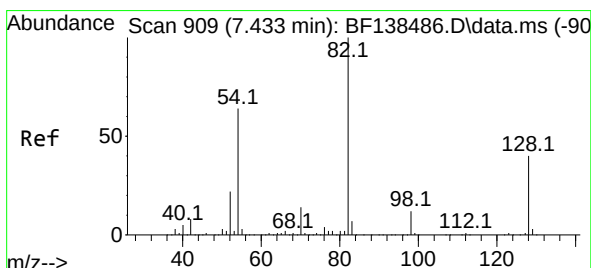
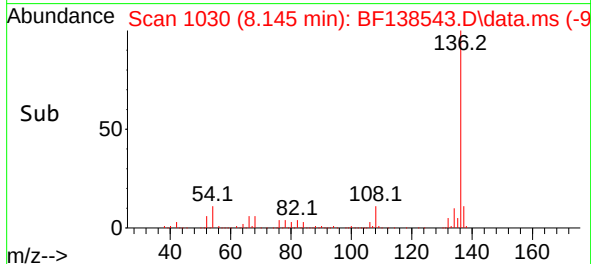
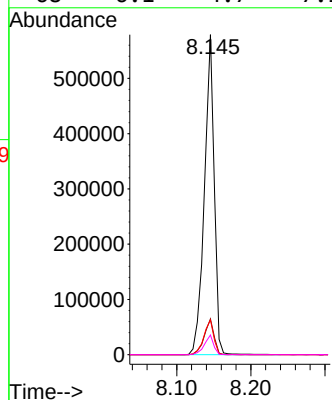
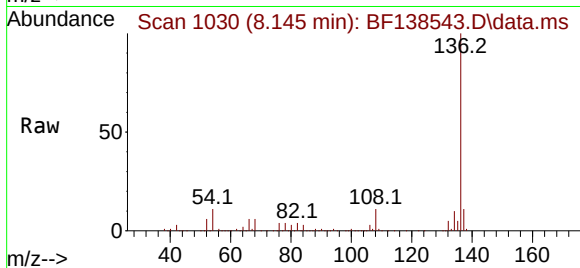
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.9 8.1 12.1

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.498 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138543.D

Acq: 12 Jul 2024 13:23

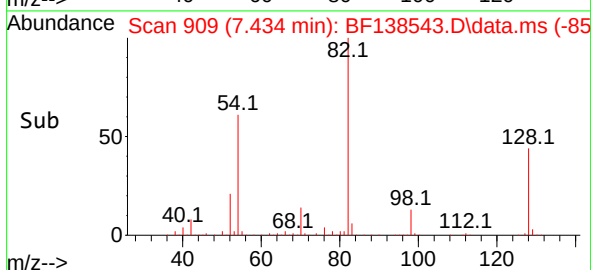
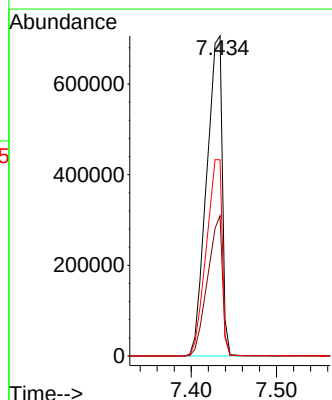
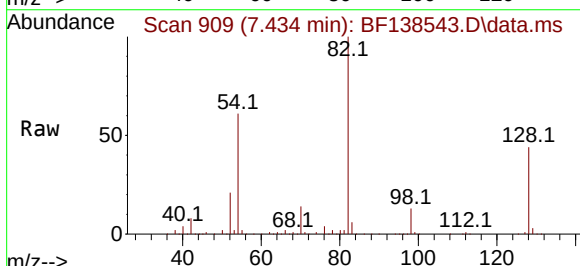
Tgt Ion: 82 Resp: 900276

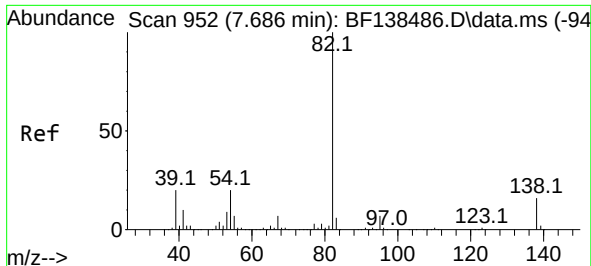
Ion Ratio Lower Upper

82 100

128 43.8 32.3 48.5

54 61.3 51.4 77.0

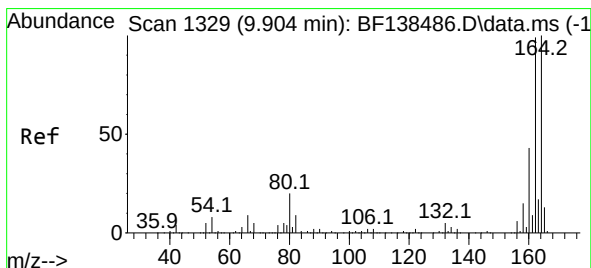
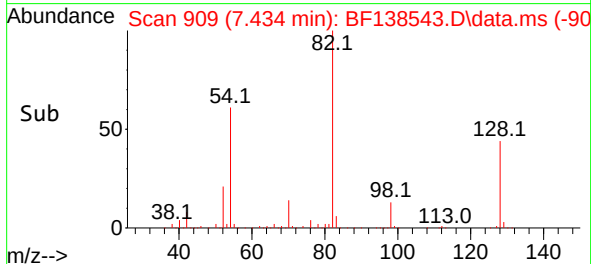
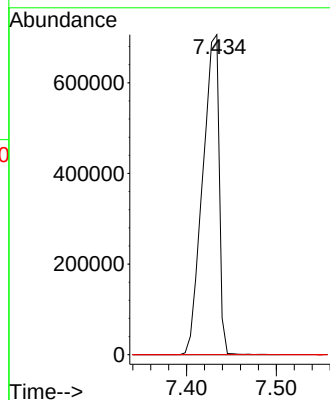
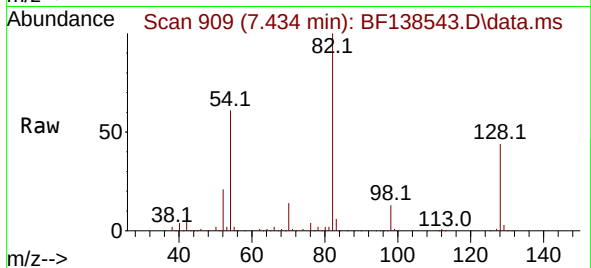




#25
Isophorone
Concen: 48.038 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

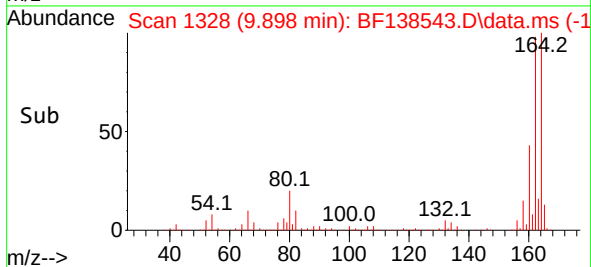
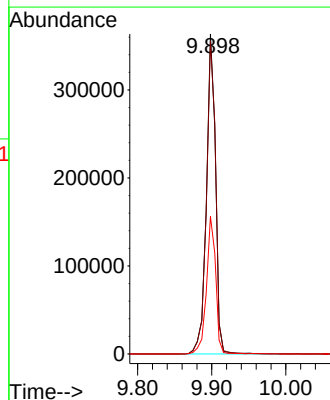
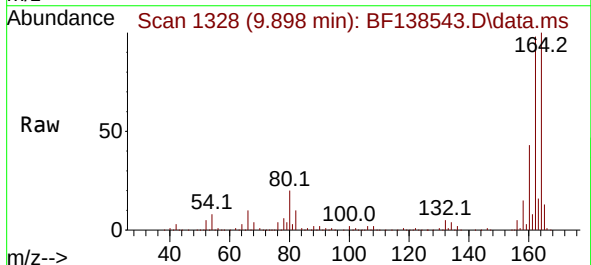
Instrument :
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ClientSampleId :
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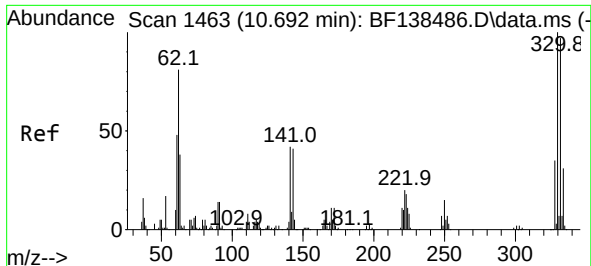
Tgt Ion: 82 Resp: 900263
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

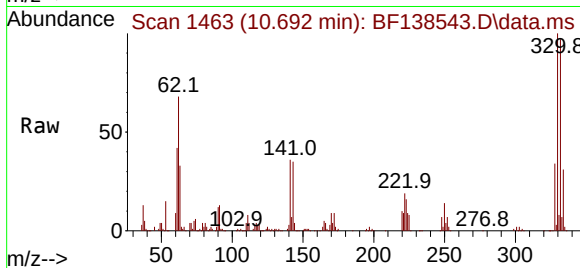
Tgt Ion: 164 Resp: 312492
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.6
160 43.0 34.4 51.6



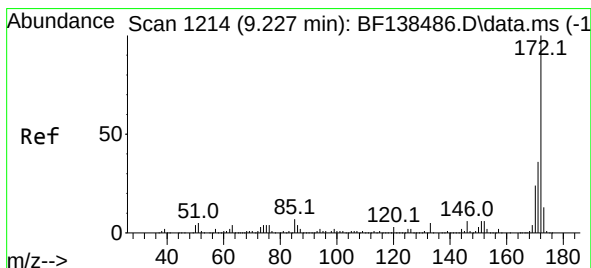
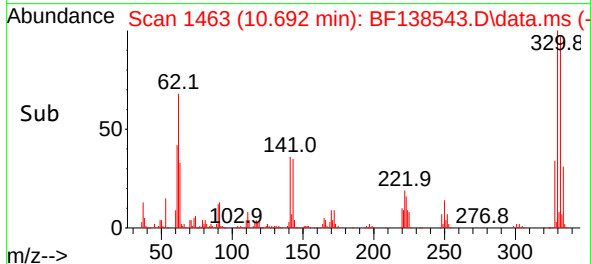
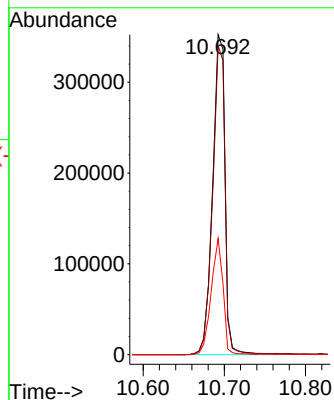


#42
2,4,6-Tribromophenol
Concen: 128.211 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Instrument :
BNA_F
ClientSampleId :
PB161988BL

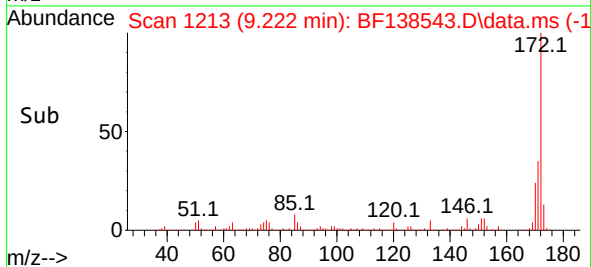
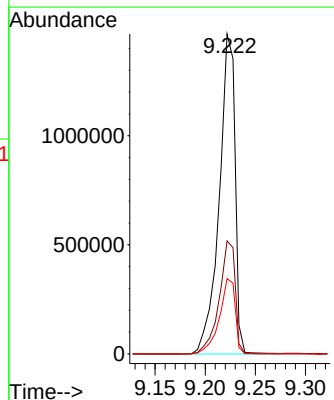
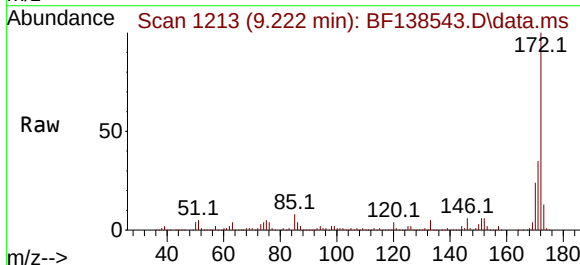


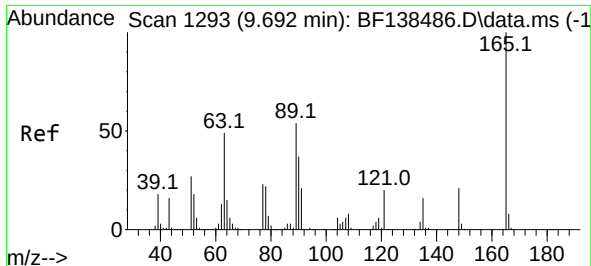
Tgt Ion:330 Resp: 374446
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 35.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 80.752 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion:172 Resp: 1614587
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.6 18.9 28.3

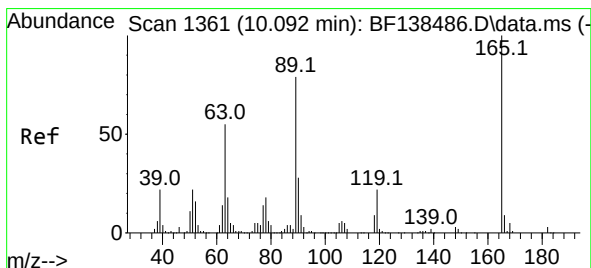
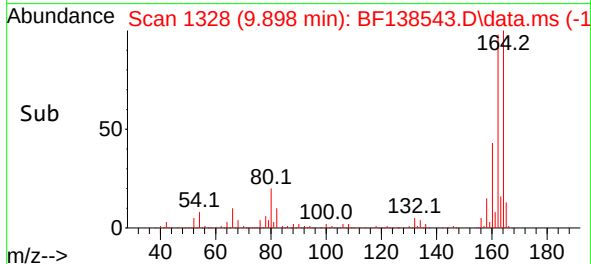
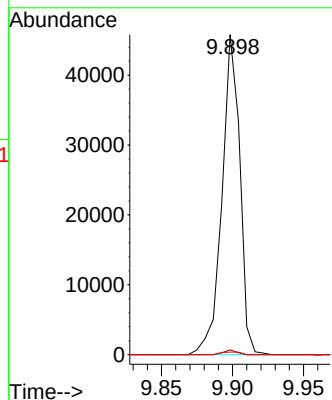
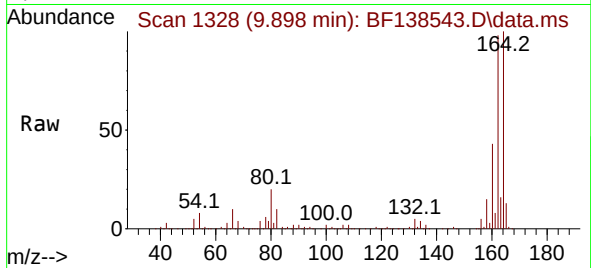




#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

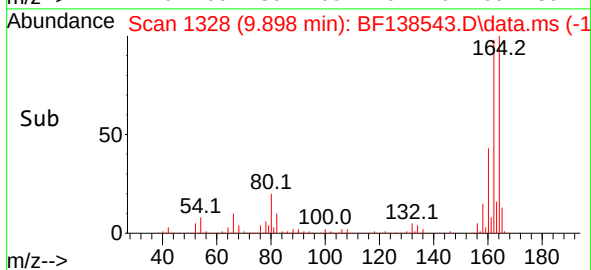
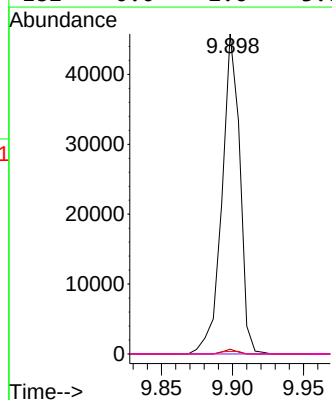
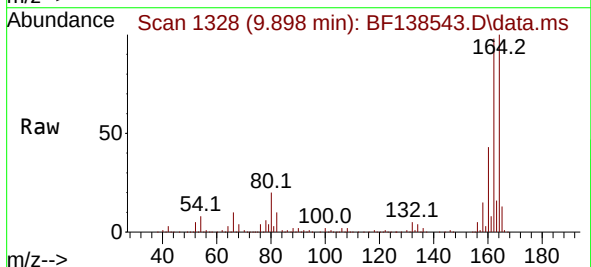
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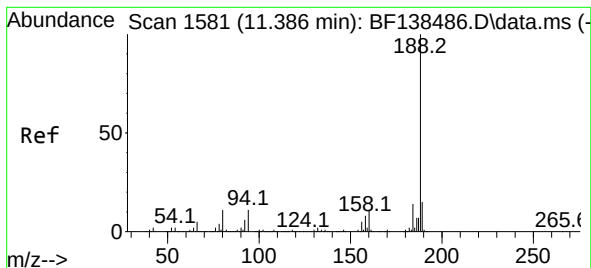
Tgt Ion:165 Resp: 39952
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 0.8 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion:165 Resp: 39952
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 0.8 63.4 95.2#
182 0.0 2.6 3.8#

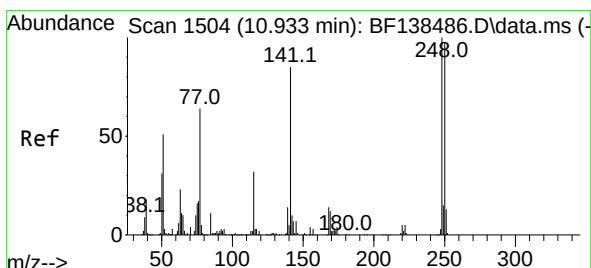
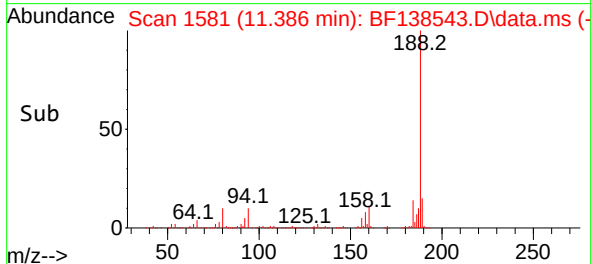
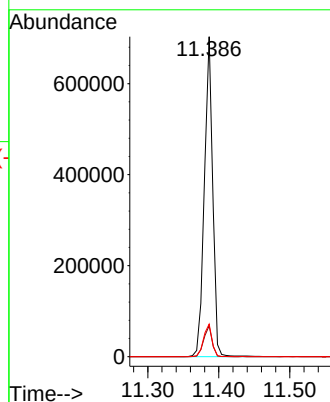
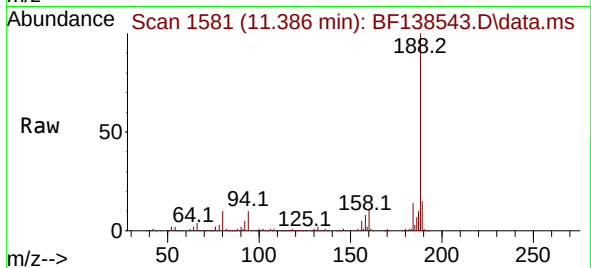




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

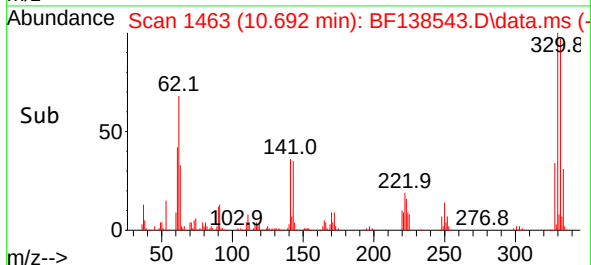
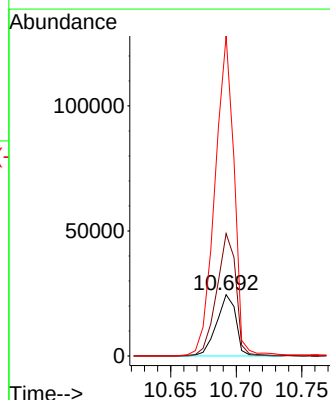
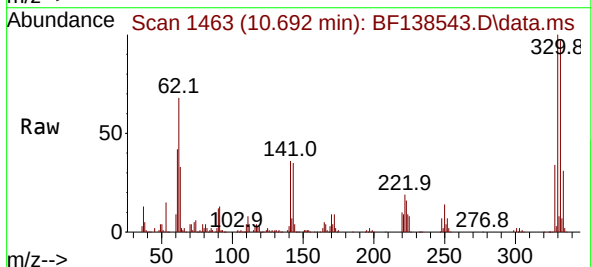
Instrument :
BNA_F
ClientSampleId :
PB161988BL

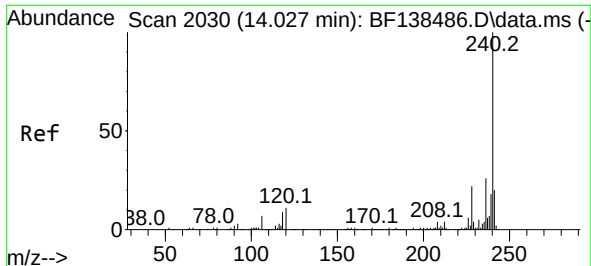
Tgt Ion:188 Resp: 575989
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.2 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.241 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion:248 Resp: 25110
Ion Ratio Lower Upper
248 100
250 199.9 77.9 116.9#
141 522.6 67.7 101.5#

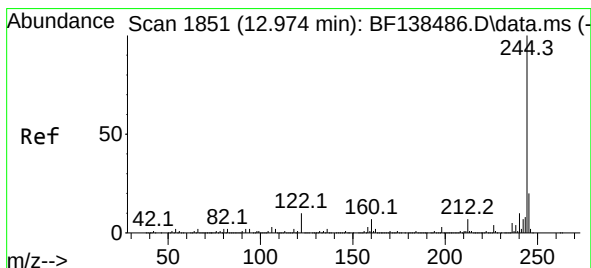
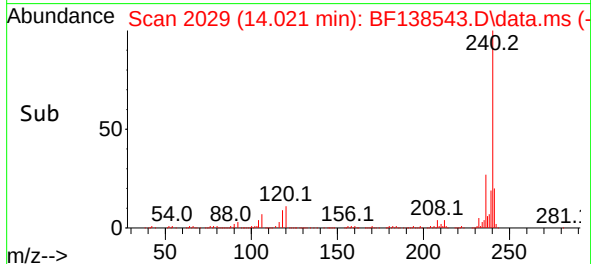
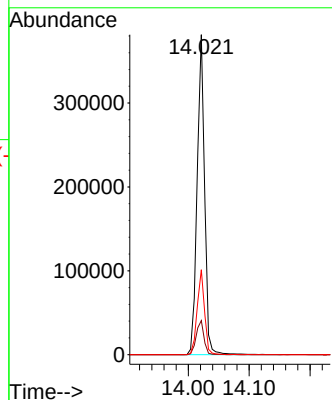
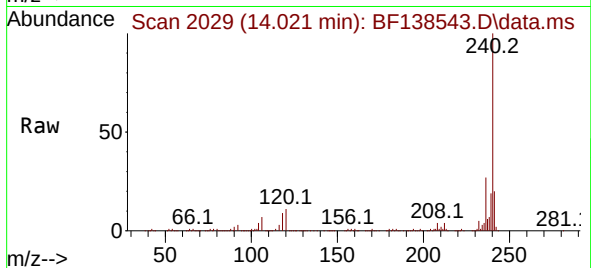




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

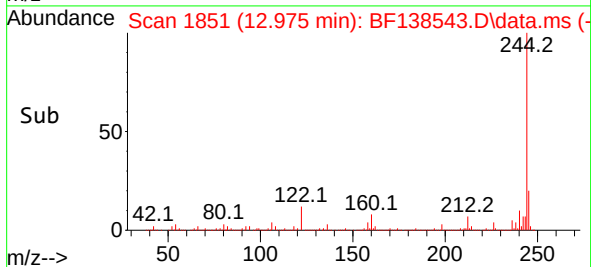
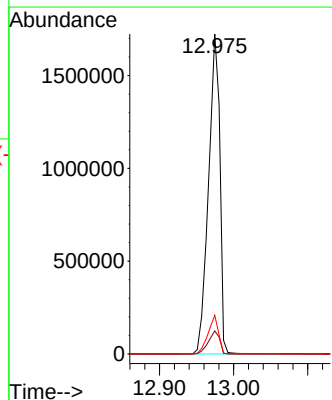
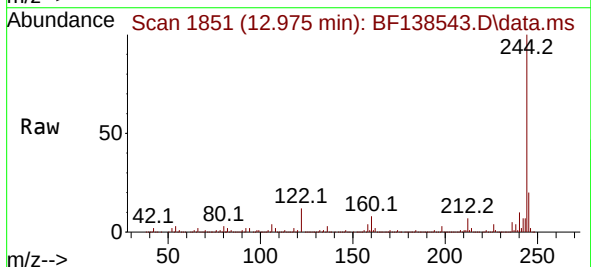
Instrument :
BNA_F
ClientSampleId :
PB161988BL

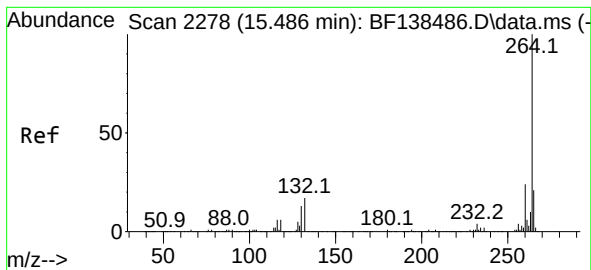
Tgt Ion:240 Resp: 324918
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 91.633 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF138543.D
Acq: 12 Jul 2024 13:23

Tgt Ion:244 Resp: 1827566
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 12.1 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138543.D
 Acq: 12 Jul 2024 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB161988BL

Tgt Ion:264 Resp: 257778
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 20.8 17.0 25.4

