

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
 Data File : BF138491.D
 Acq On : 09 Jul 2024 18:19
 Operator : CG\JU
 Sample : PB161565BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161565TB

Quant Time: Jul 09 18:43:22 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)

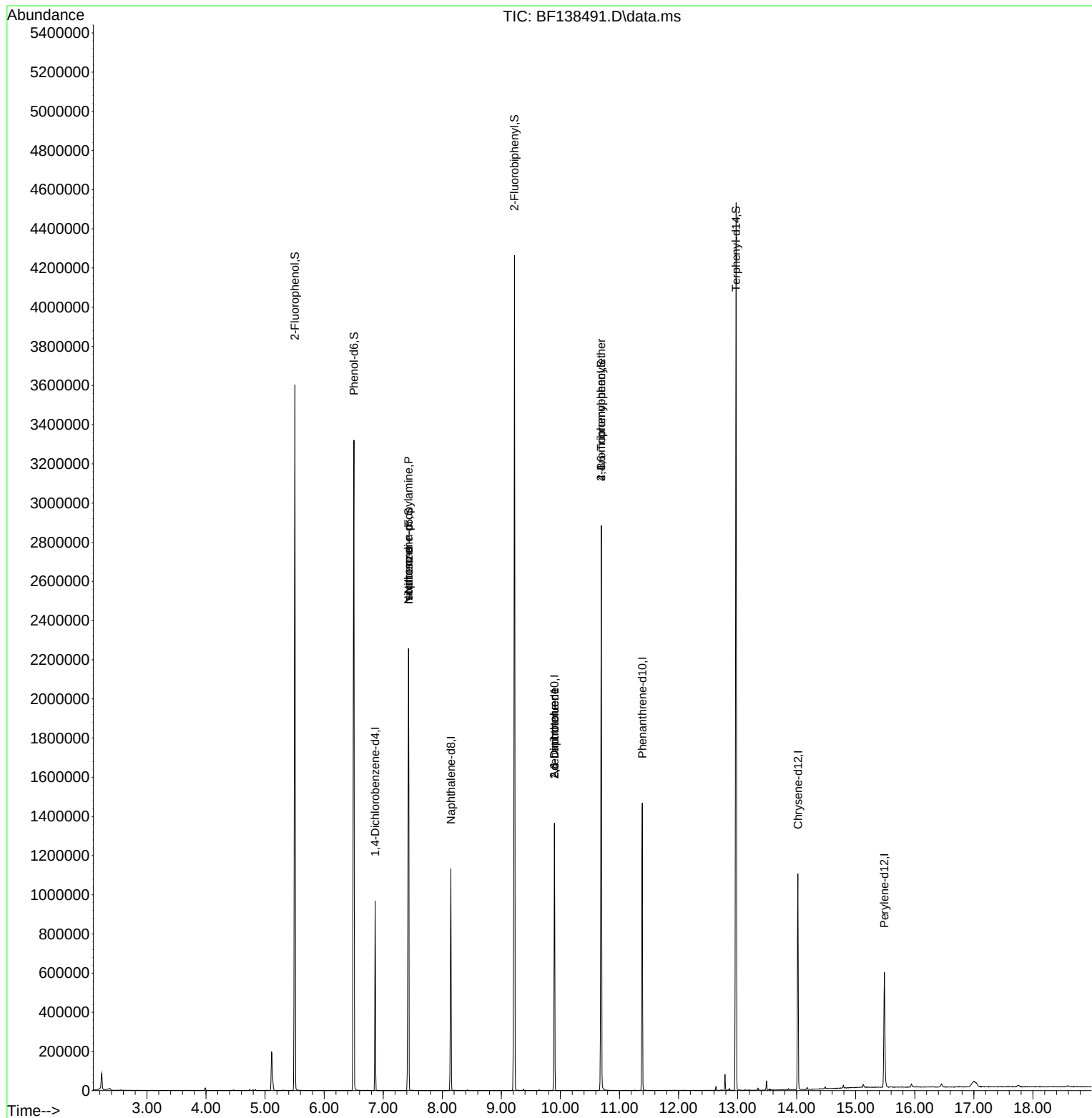
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	116886	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	473691	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	271557	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	509820	20.000	ng	0.00
76) Chrysene-d12	14.021	240	348831	20.000	ng	0.00
86) Perylene-d12	15.486	264	265457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	894858	121.249	ng	0.01
7) Phenol-d6	6.504	99	1170483	119.218	ng	0.00
23) Nitrobenzene-d5	7.428	82	797190	82.628	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	318570	125.522	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1381879	79.532	ng	0.00
79) Terphenyl-d14	12.974	244	1628840	76.070	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	106889	17.619	ng	# 77
25) Isophorone	7.428	82	797177	48.114	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	35465	8.772	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	35465	6.780	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	21913	4.182	ng	# 1

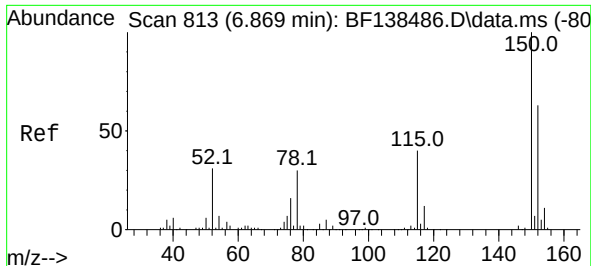
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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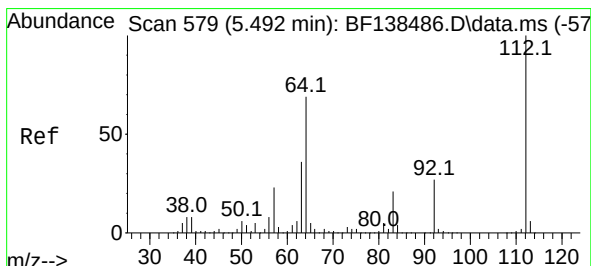
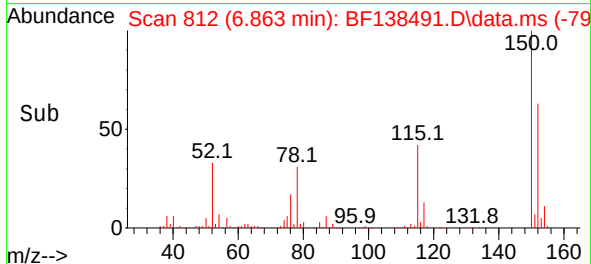
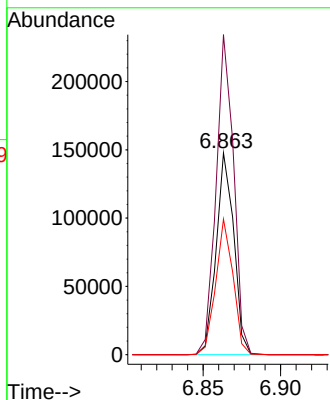
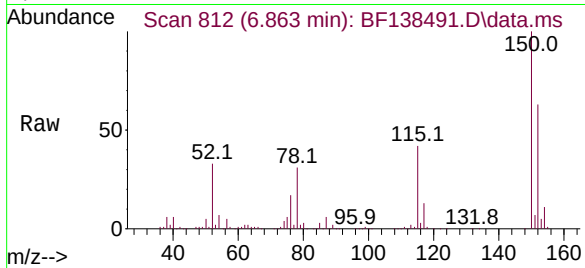




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

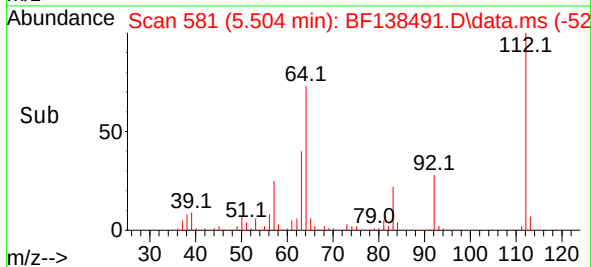
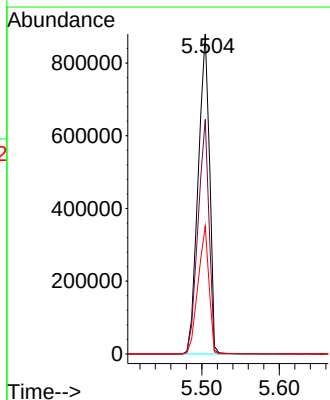
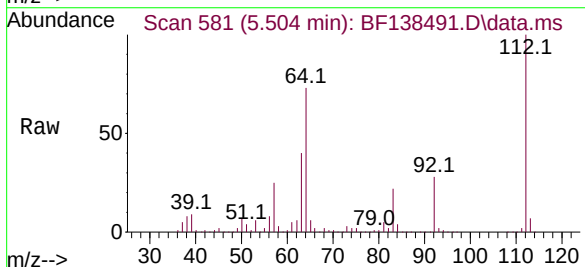
Instrument :
BNA_F
ClientSampleId :
PB161565TB

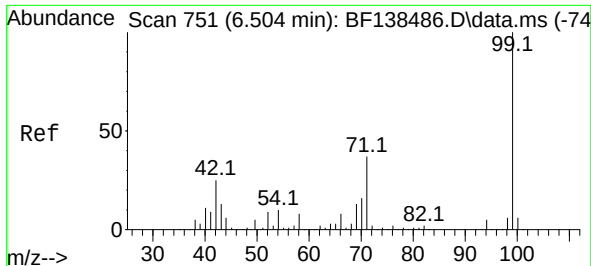
Tgt Ion:152 Resp: 116886
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.4
115 67.2 50.3 75.5



#5
2-Fluorophenol
Concen: 121.249 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

Tgt Ion:112 Resp: 894858
Ion Ratio Lower Upper
112 100
64 73.3 55.1 82.7
63 39.9 29.0 43.6

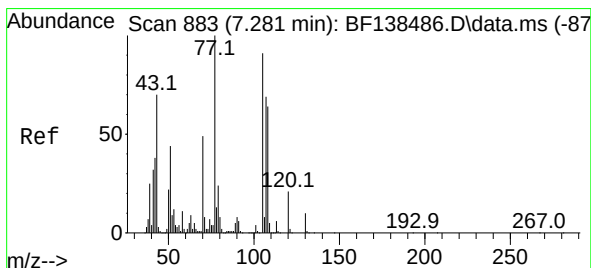
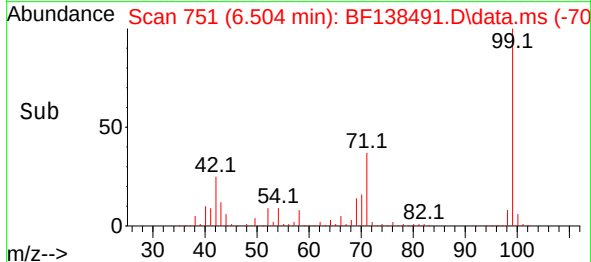
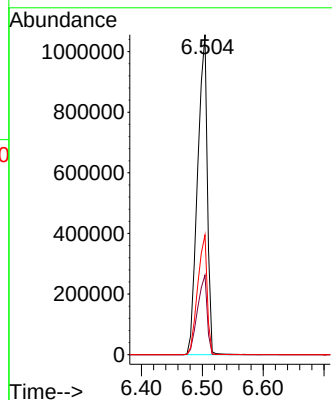
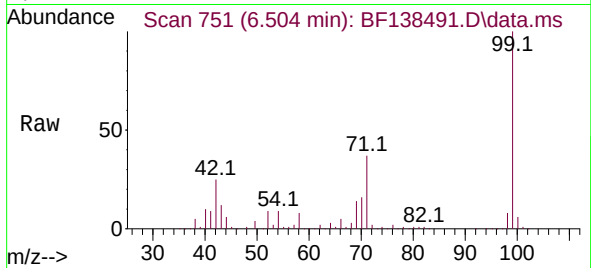




#7
Phenol-d6
Concen: 119.218 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

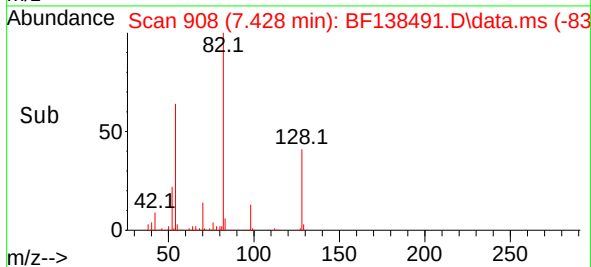
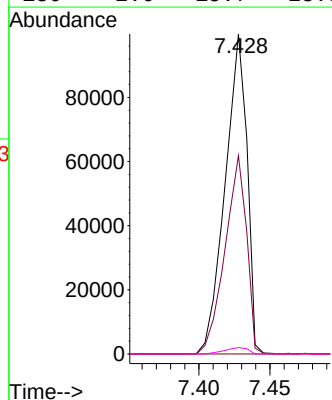
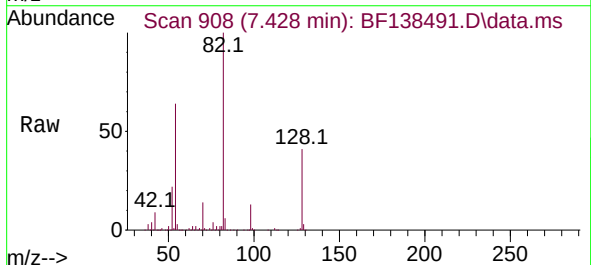
Instrument :
BNA_F
ClientSampleId :
PB161565TB

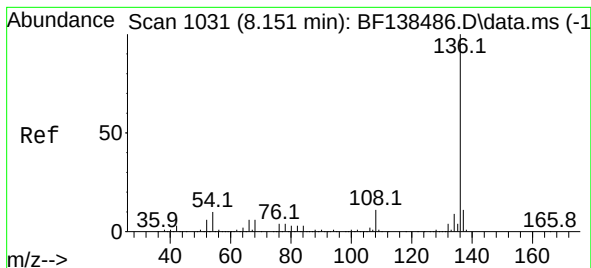
Tgt Ion: 99 Resp: 1170483
Ion Ratio Lower Upper
99 100
42 24.9 19.7 29.5
71 37.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.619 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

Tgt Ion: 70 Resp: 106889
Ion Ratio Lower Upper
70 100
42 62.0 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 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: BF138491.D

Acq: 09 Jul 2024 18:19

Instrument :

BNA_F

ClientSampleId :

PB161565TB

Tgt Ion:136 Resp: 473691

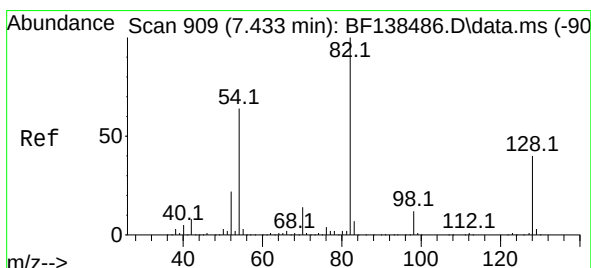
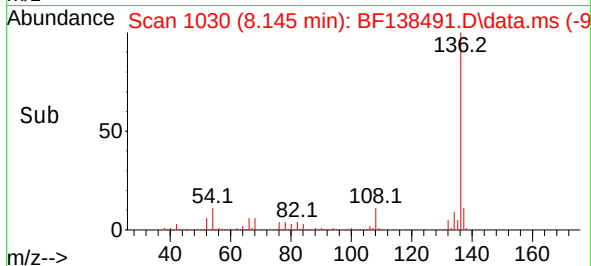
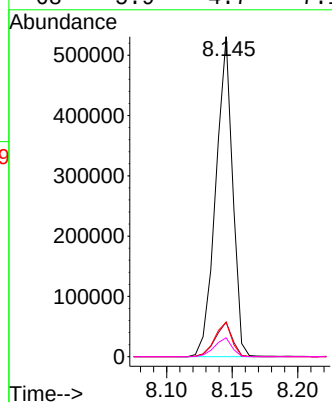
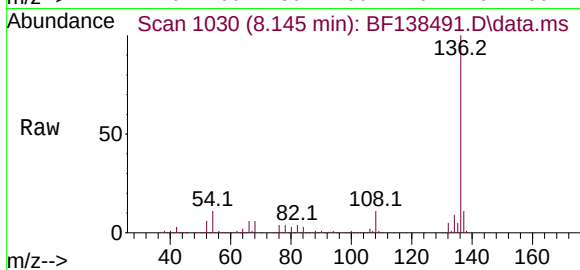
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.628 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

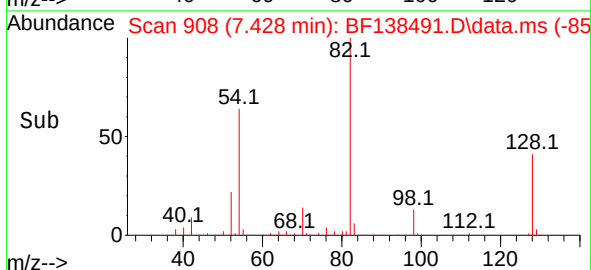
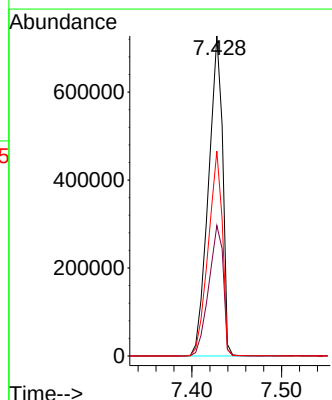
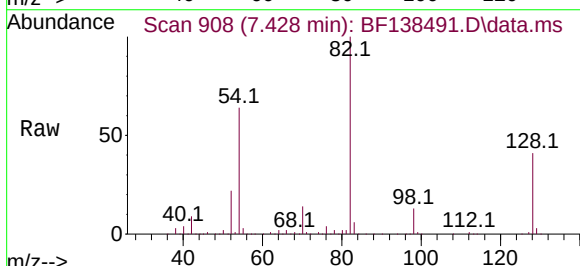
Tgt Ion: 82 Resp: 797190

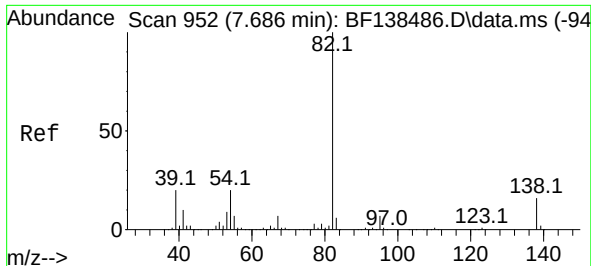
Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 64.0 51.4 77.0

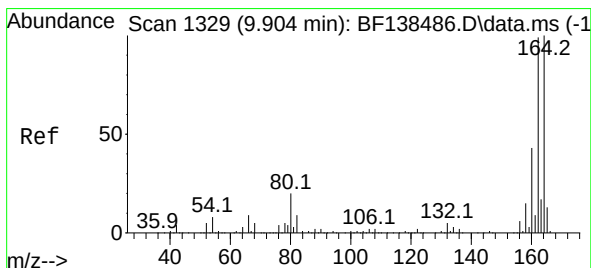
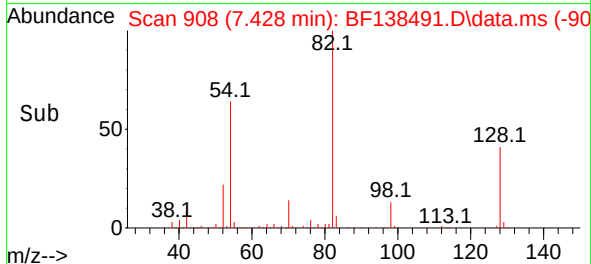
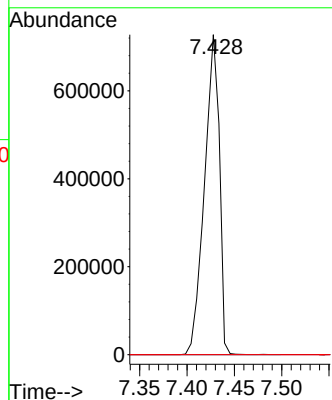
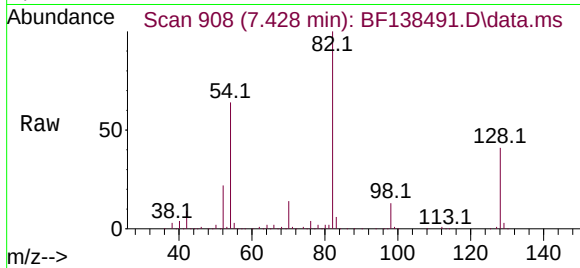




#25
Isophorone
Concen: 48.114 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

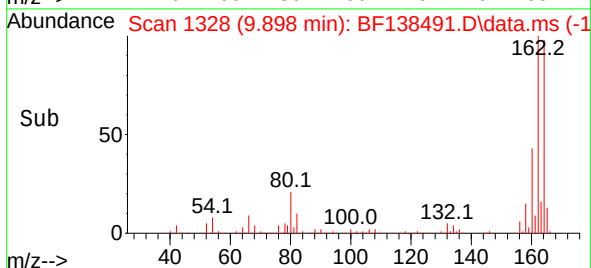
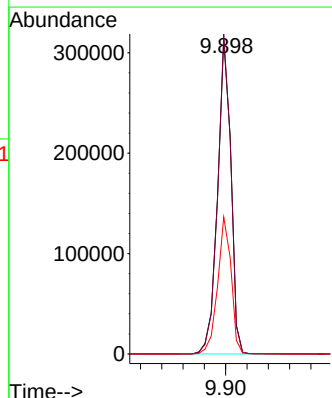
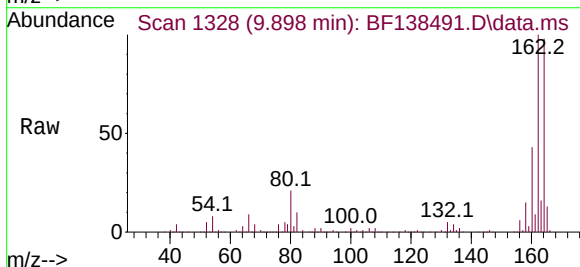
Instrument :
BNA_F
ClientSampleId :
PB161565TB

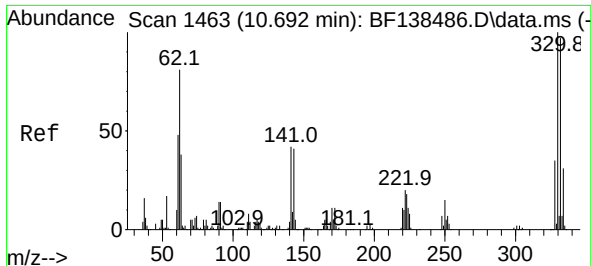
Tgt Ion: 82 Resp: 797177
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

Tgt Ion:164 Resp: 271557
Ion Ratio Lower Upper
164 100
162 101.9 79.0 118.6
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 125.522 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF138491.D

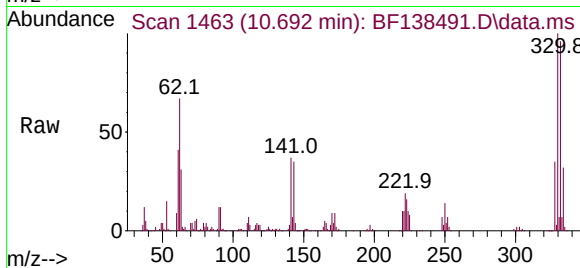
Acq: 09 Jul 2024 18:19

Instrument :

BNA_F

ClientSampleId :

PB161565TB



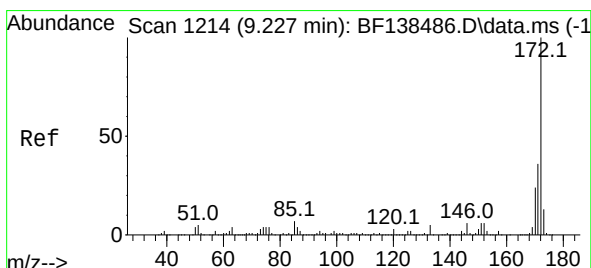
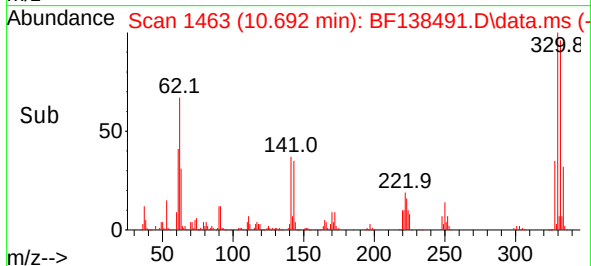
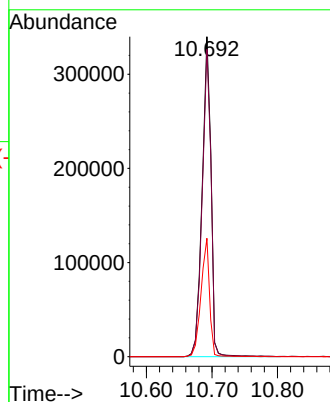
Tgt Ion:330 Resp: 318570

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 36.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 79.532 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

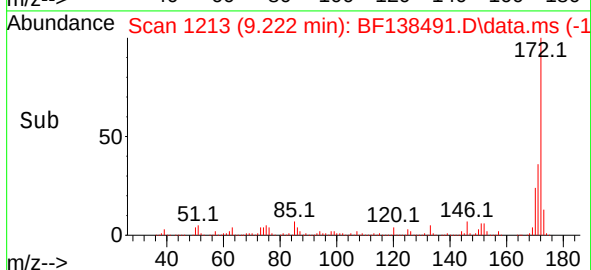
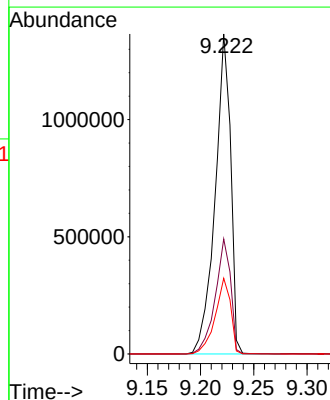
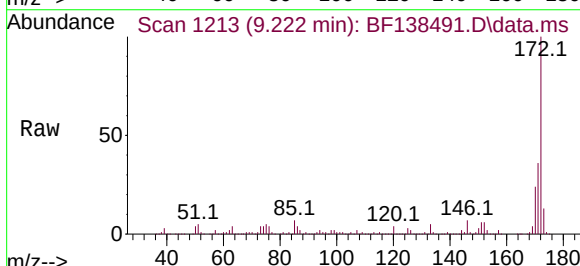
Tgt Ion:172 Resp: 1381879

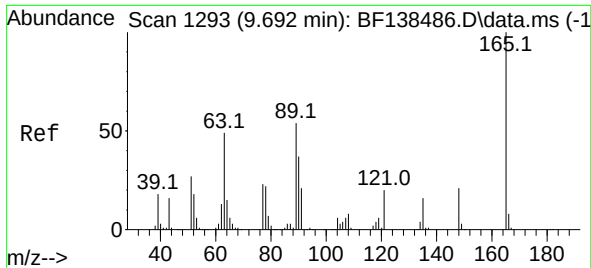
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.7 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.772 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

Instrument :

BNA_F

ClientSampleId :

PB161565TB

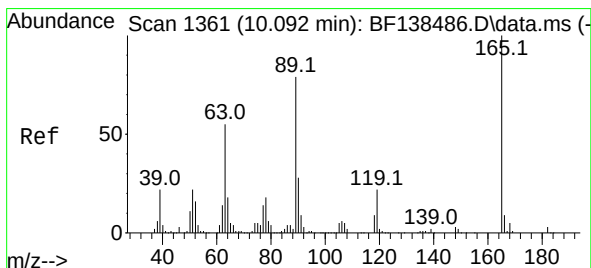
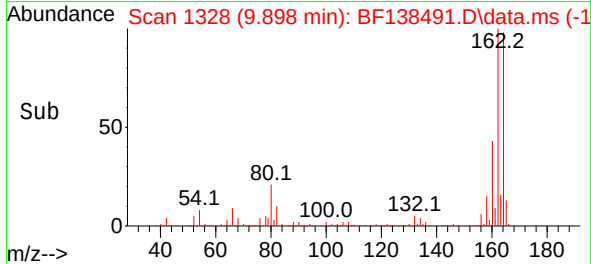
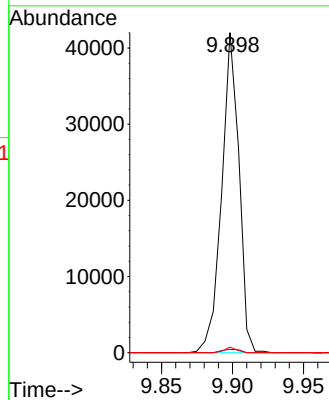
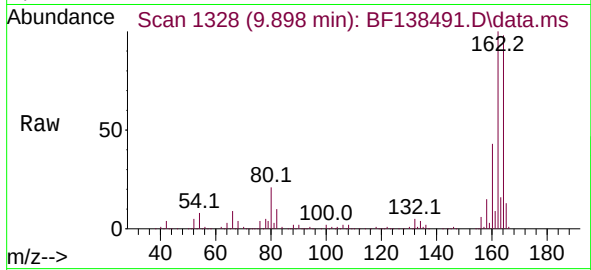
Tgt Ion:165 Resp: 35465

Ion Ratio Lower Upper

165 100

63 1.0 48.1 72.1#

89 1.7 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.780 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

Tgt Ion:165 Resp: 35465

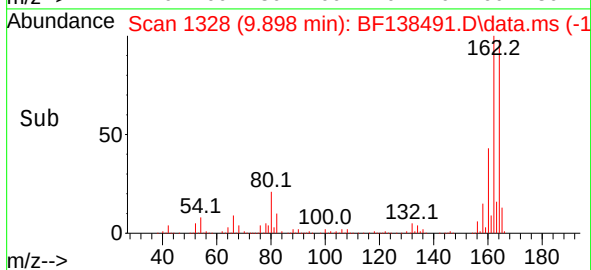
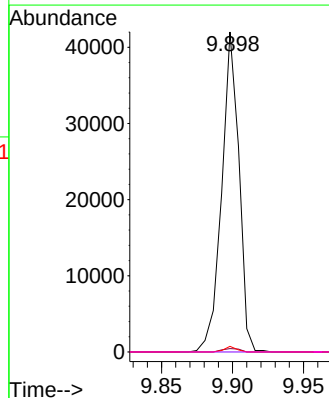
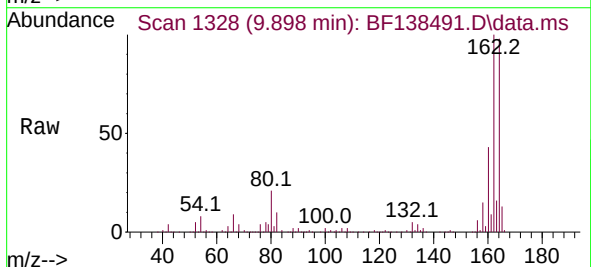
Ion Ratio Lower Upper

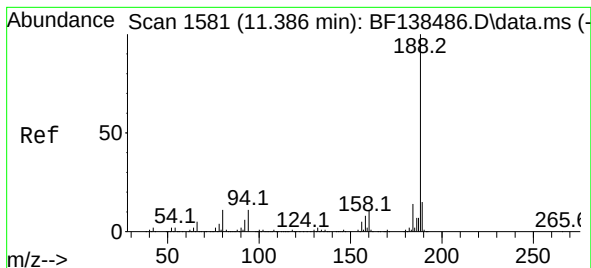
165 100

63 1.0 44.6 66.8#

89 1.7 63.4 95.2#

182 0.0 2.6 3.8#

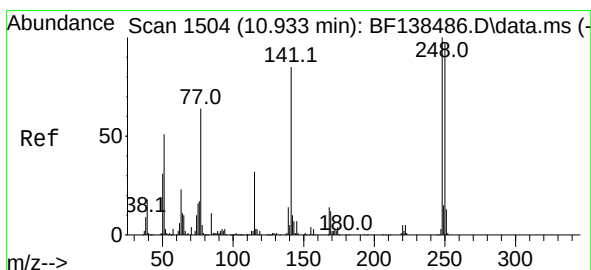
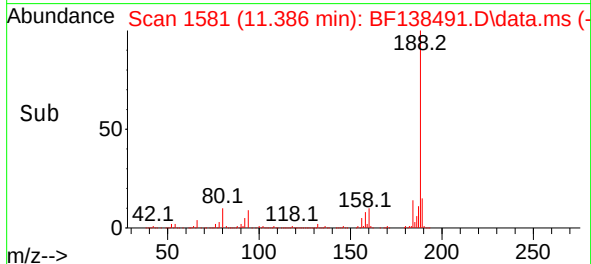
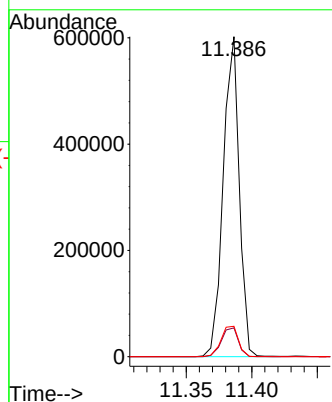
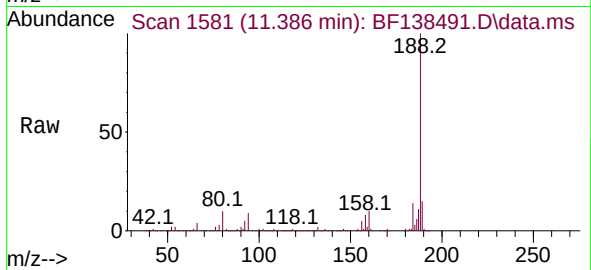




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

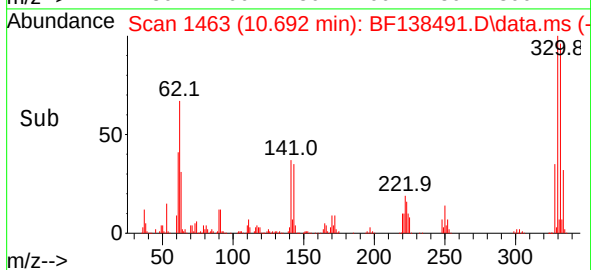
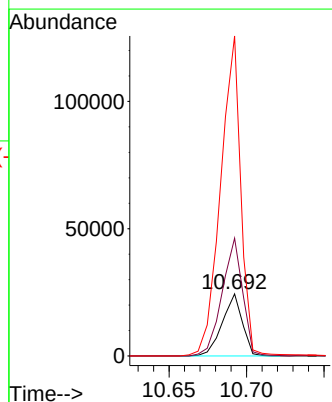
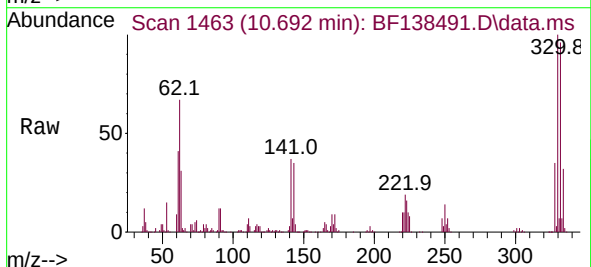
Instrument :
BNA_F
ClientSampleId :
PB161565TB

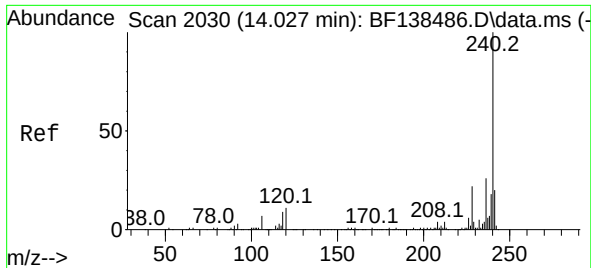
Tgt Ion:188 Resp: 509820
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.182 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

Tgt Ion:248 Resp: 21913
Ion Ratio Lower Upper
248 100
250 189.6 77.9 116.9#
141 515.5 67.7 101.5#

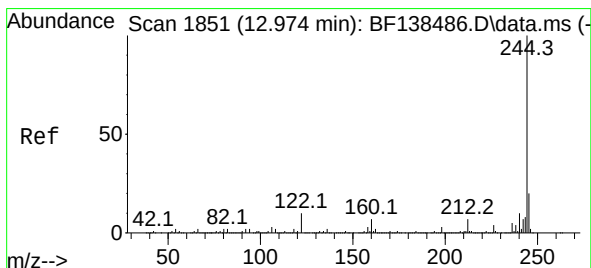
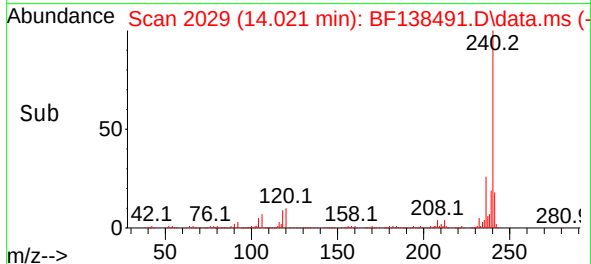
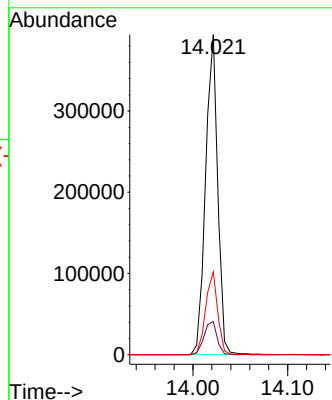
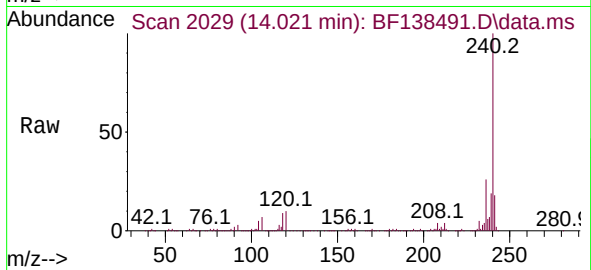




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

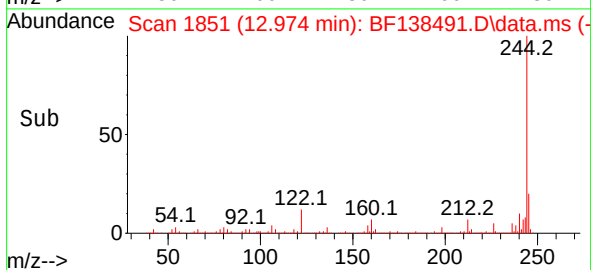
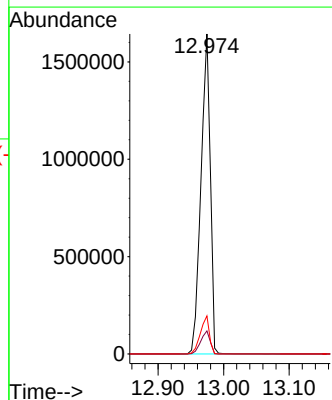
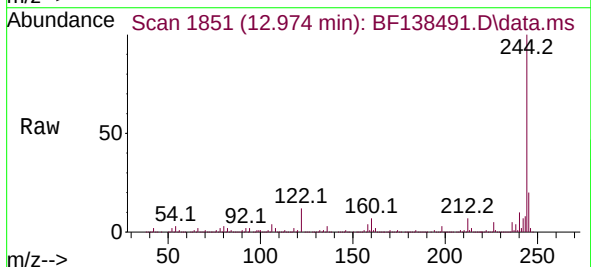
Instrument :
BNA_F
ClientSampleId :
PB161565TB

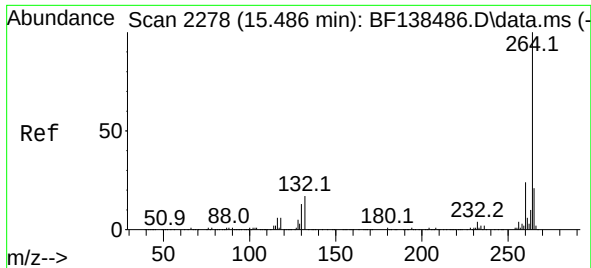
Tgt Ion:240 Resp: 348831
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 76.070 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF138491.D
Acq: 09 Jul 2024 18:19

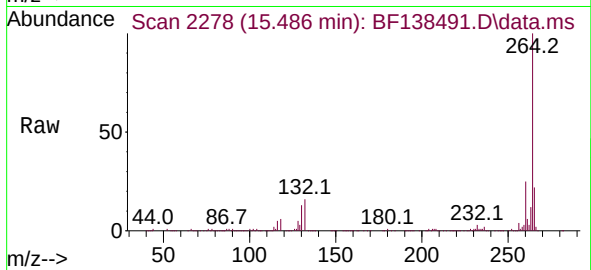
Tgt Ion:244 Resp: 1628840
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 11.9 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138491.D
 Acq: 09 Jul 2024 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB161565TB



Tgt Ion:264 Resp: 265457
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 21.8 17.0 25.4

