

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138330.D
 Acq On : 25 Jun 2024 12:46
 Operator : CG\JU
 Sample : PB161643TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161643TB

Quant Time: Jun 25 13:20:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

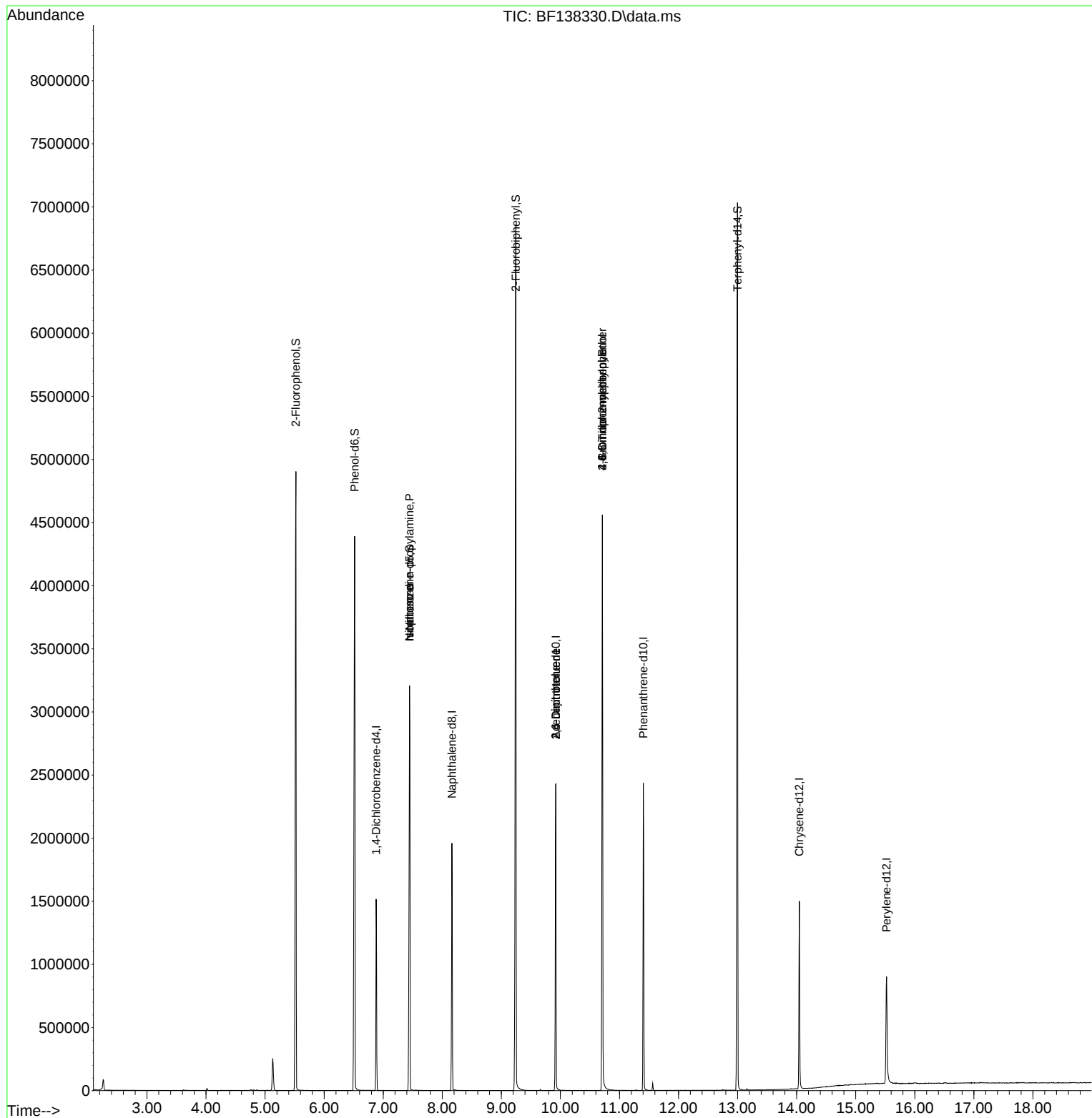
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	226698	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	900869	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	508462	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	904992	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	495027	20.000	ng	0.00
86) Perylene-d12	15.521	264	475912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1573509	116.111	ng	0.01
7) Phenol-d6	6.516	99	1965657	114.387	ng	0.00
23) Nitrobenzene-d5	7.445	82	1245206	80.468	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	637837	126.009	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2440641	76.328	ng	0.00
79) Terphenyl-d14	12.998	244	2720425	87.040	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	166032	16.300	ng	# 77
25) Isophorone	7.445	82	1240706	44.326	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	66766	9.879	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	66930	8.029	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1257	7.167	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	40972	4.018	ng	# 1

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

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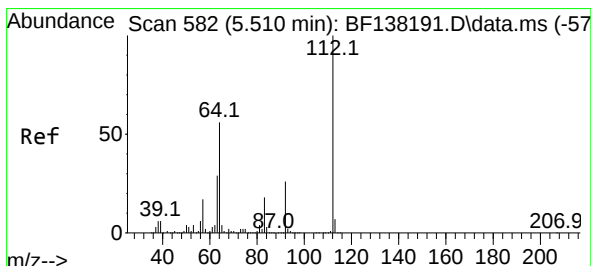
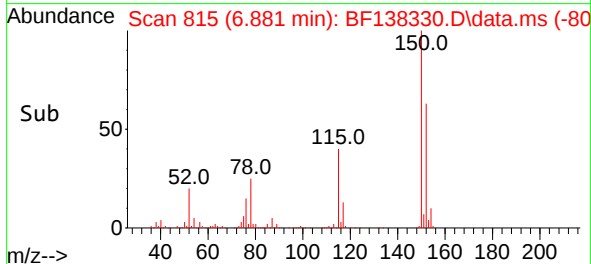
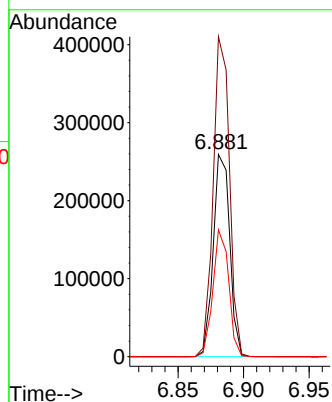
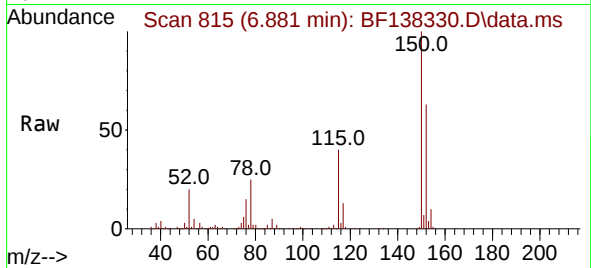




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

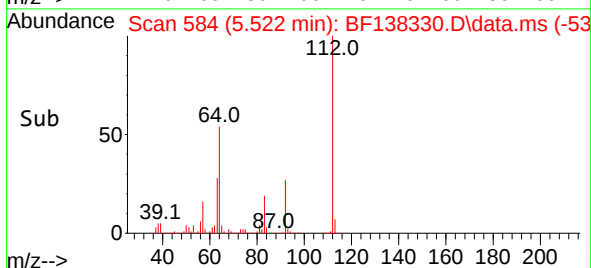
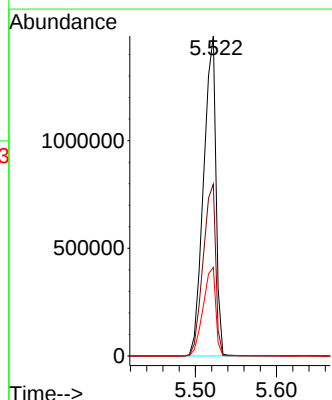
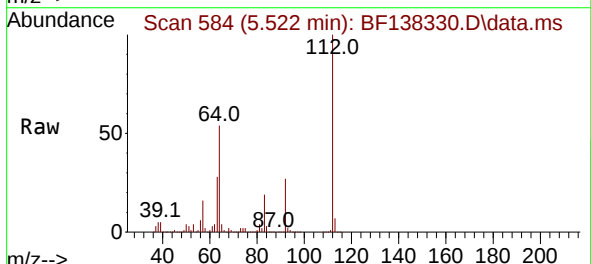
Instrument :
BNA_F
ClientSampleId :
PB161643TB

Tgt Ion:152 Resp: 226698
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.4
115 62.7 48.4 72.6



#5
2-Fluorophenol
Concen: 116.111 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:112 Resp: 1573509
Ion Ratio Lower Upper
112 100
64 53.7 45.2 67.8
63 27.7 22.9 34.3

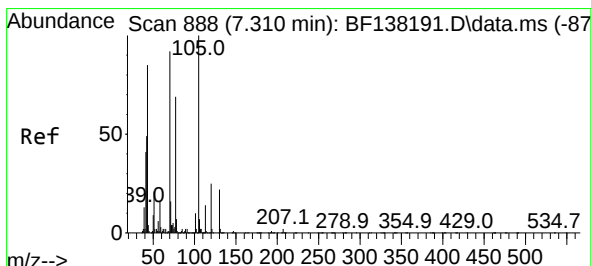
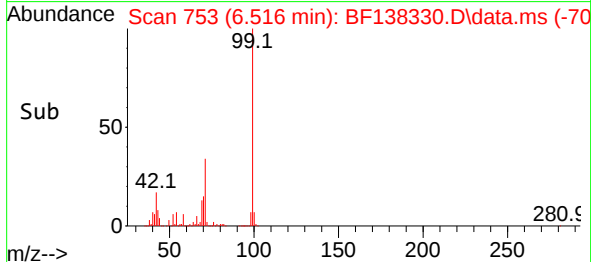
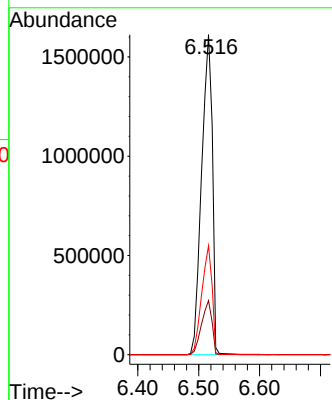
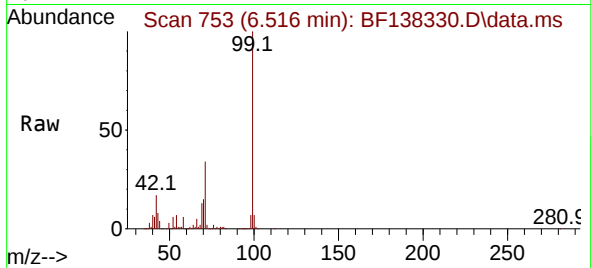




#7
Phenol-d6
Concen: 114.387 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

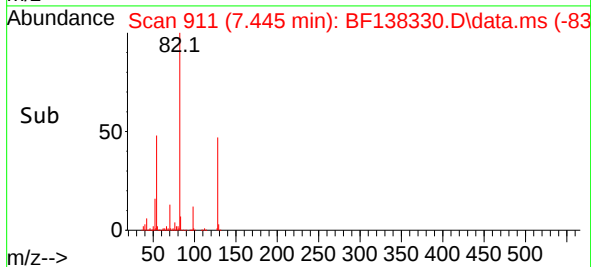
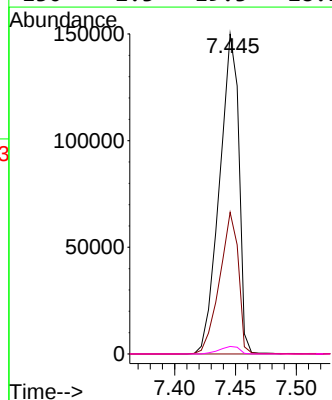
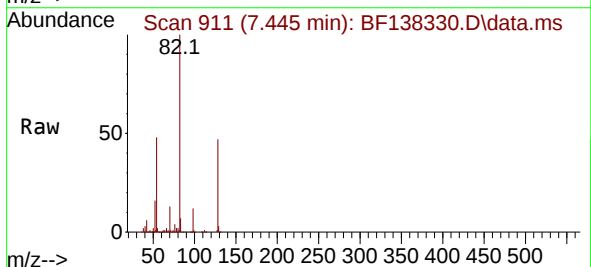
Instrument :
BNA_F
ClientSampleId :
PB161643TB

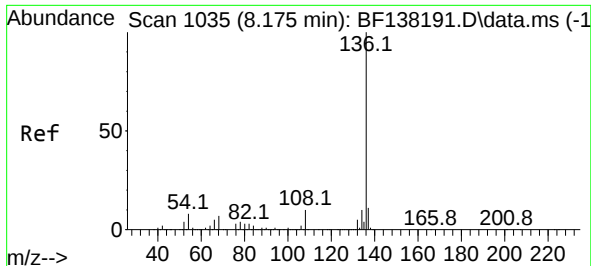
Tgt Ion: 99 Resp: 1965657
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 34.1 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.300 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion: 70 Resp: 166032
Ion Ratio Lower Upper
70 100
42 44.3 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

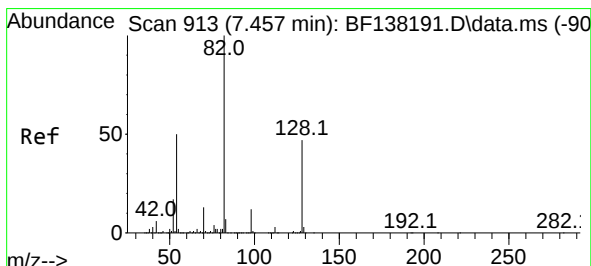
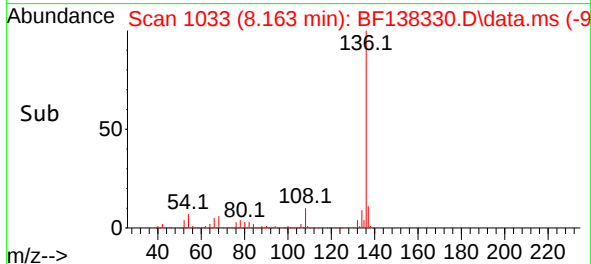
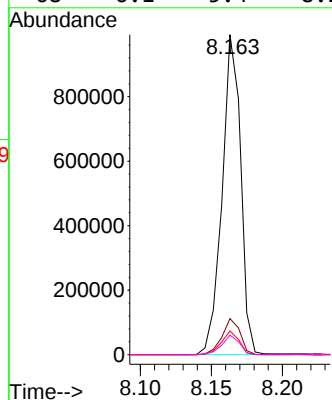
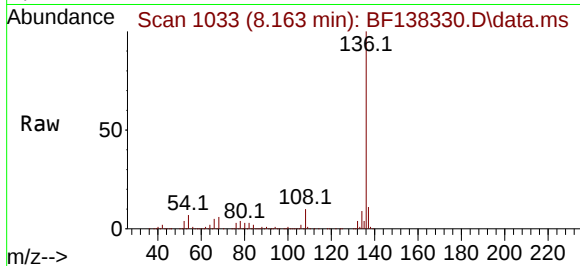




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

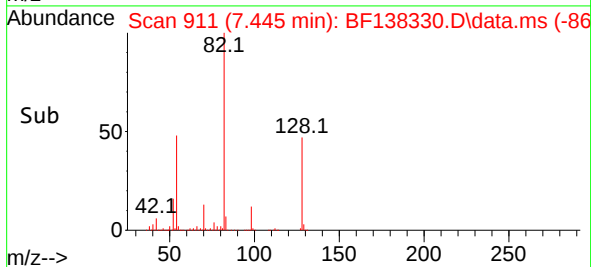
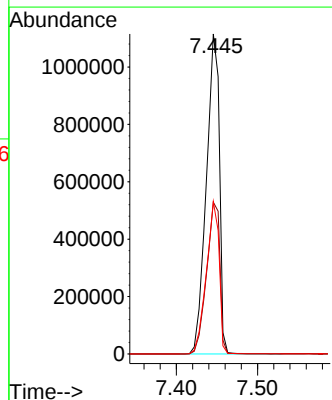
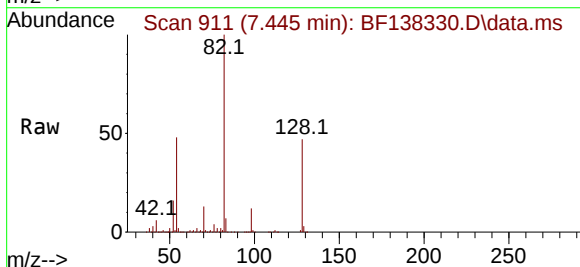
Instrument :
BNA_F
ClientSampleId :
PB161643TB

Tgt Ion:	136	Resp:	900869
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	6.6	10.0
68	6.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 80.468 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:	82	Resp:	1245206
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.2	55.8
54	47.6	39.8	59.6

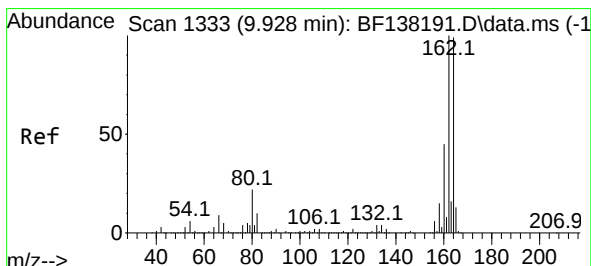
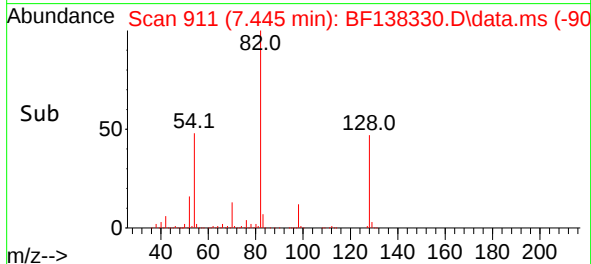
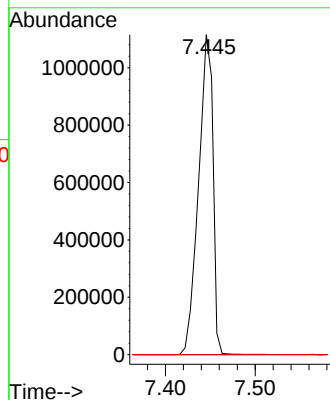
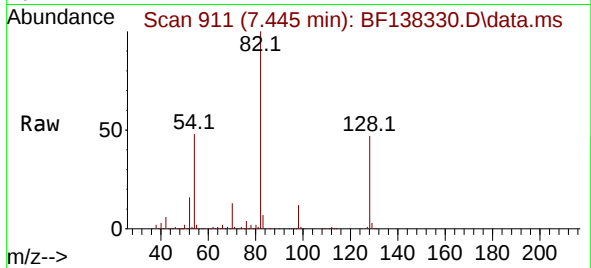




#25
Isophorone
Concen: 44.326 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

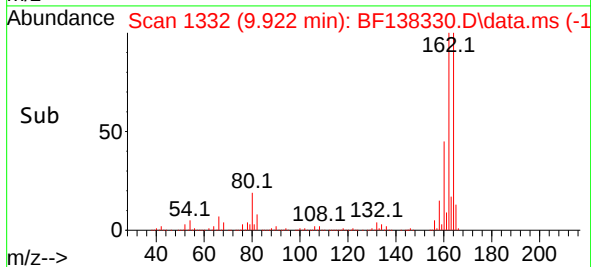
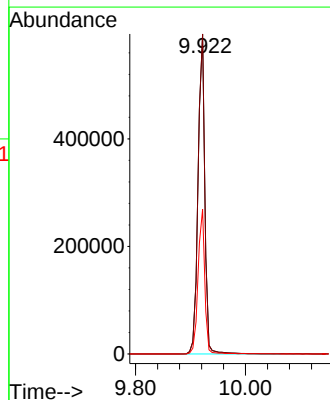
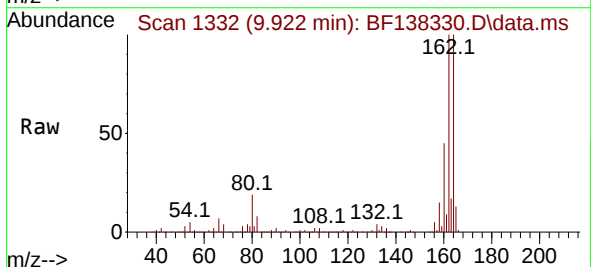
Instrument :
BNA_F
ClientSampleId :
PB161643TB

Tgt Ion: 82 Resp: 1240706
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion: 164 Resp: 508462
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 126.009 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138330.D

Acq: 25 Jun 2024 12:46

Instrument :

BNA_F

ClientSampleId :

PB161643TB

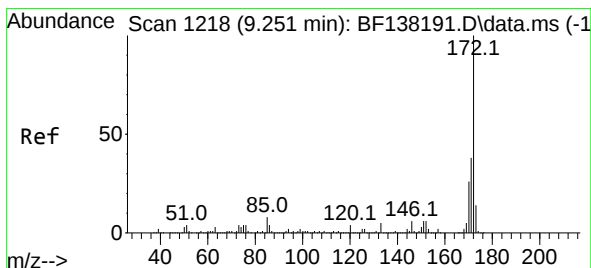
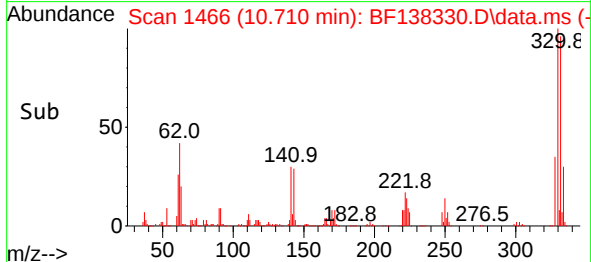
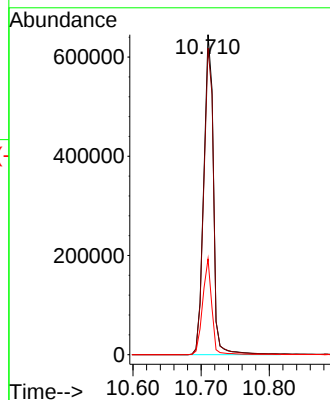
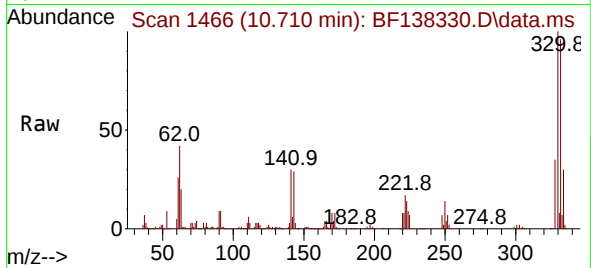
Tgt Ion:330 Resp: 637837

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

141 28.2 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.328 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138330.D

Acq: 25 Jun 2024 12:46

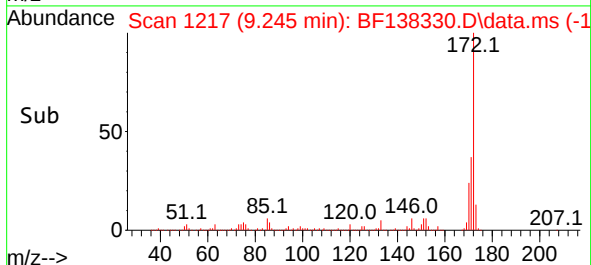
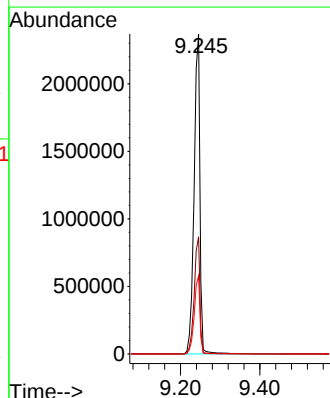
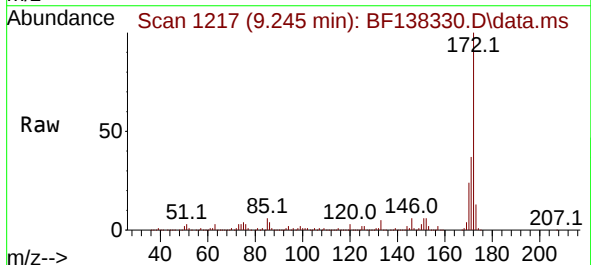
Tgt Ion:172 Resp: 2440641

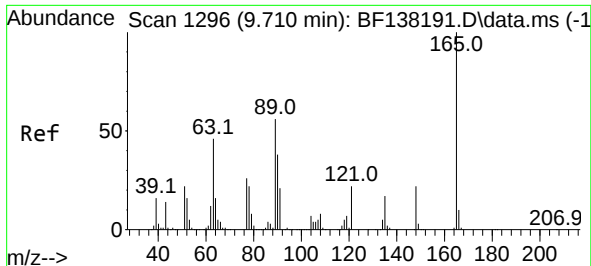
Ion Ratio Lower Upper

172 100

171 36.6 30.3 45.5

170 24.4 20.6 30.8

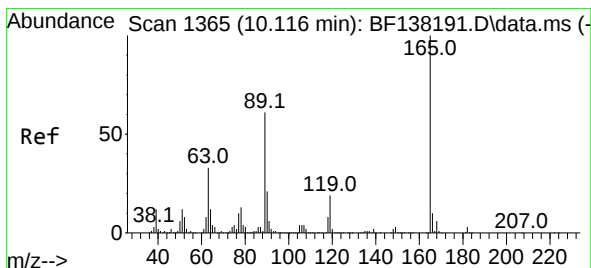
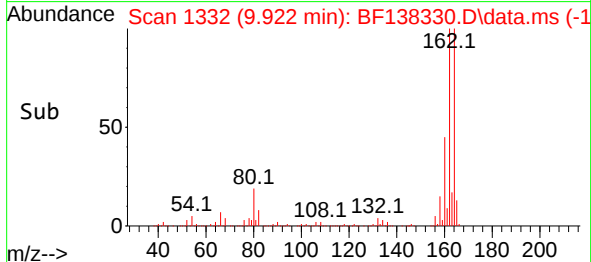
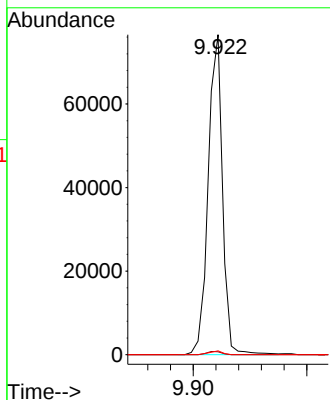
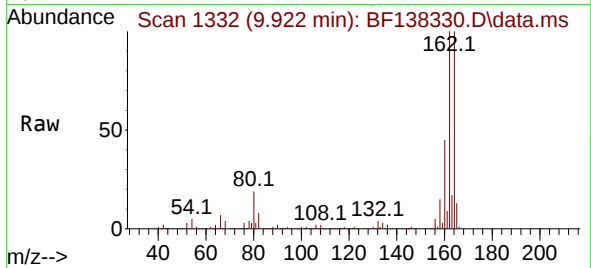




#51
2,6-Dinitrotoluene
Concen: 9.879 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

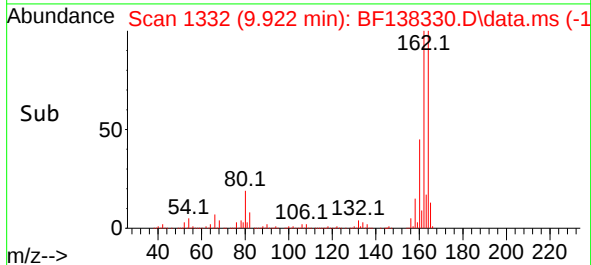
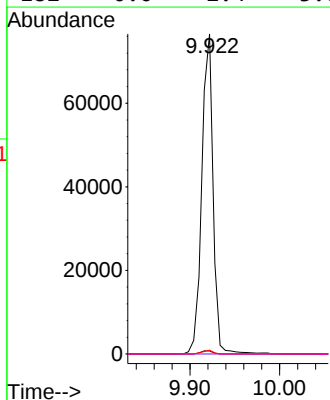
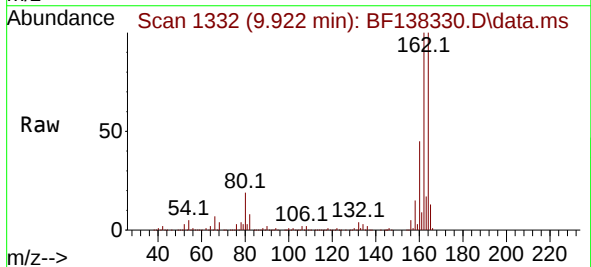
Instrument :
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Tgt Ion:165 Resp: 66766
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.029 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:165 Resp: 66930
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138330.D

Acq: 25 Jun 2024 12:46

Instrument :

BNA_F

ClientSampleId :

PB161643TB

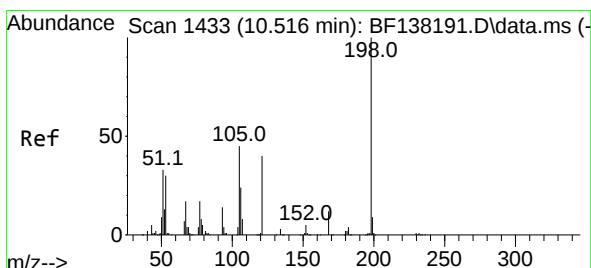
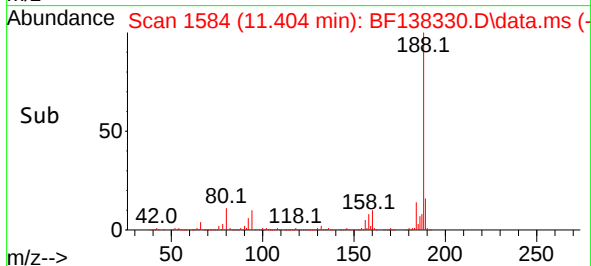
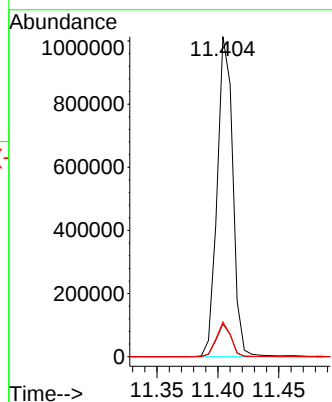
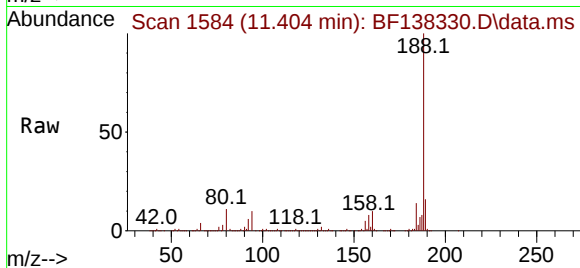
Tgt Ion:188 Resp: 904992

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 10.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.167 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138330.D

Acq: 25 Jun 2024 12:46

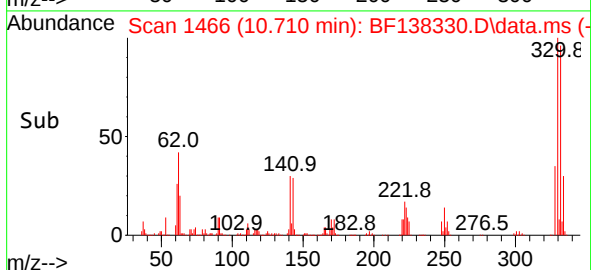
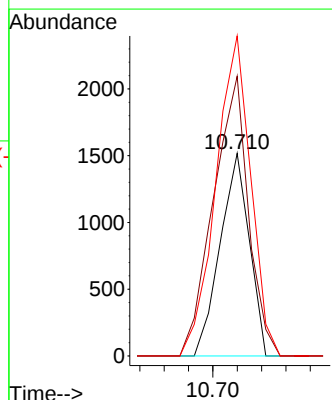
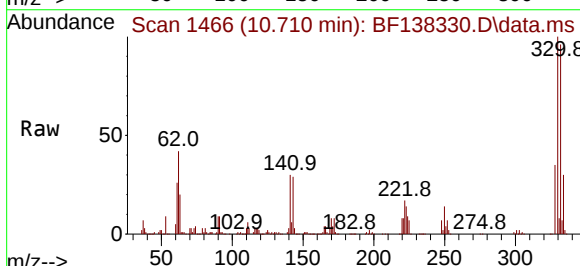
Tgt Ion:198 Resp: 1257

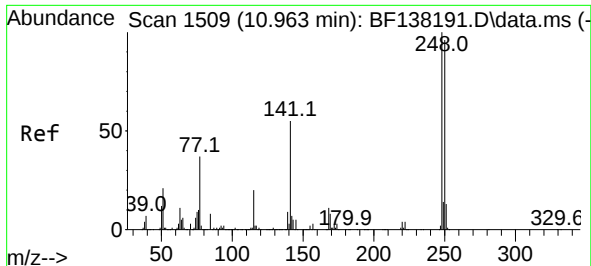
Ion Ratio Lower Upper

198 100

51 138.1 26.9 66.9#

105 158.0 26.0 66.0#

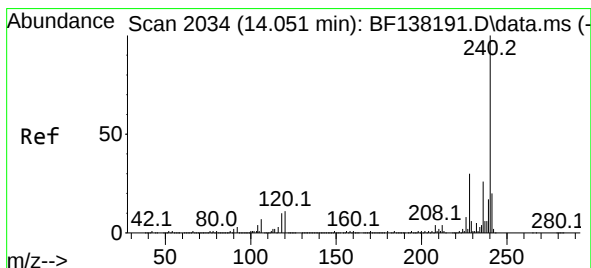
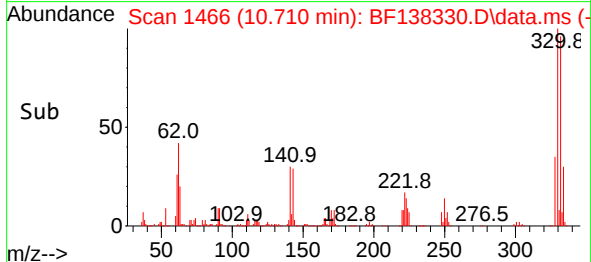
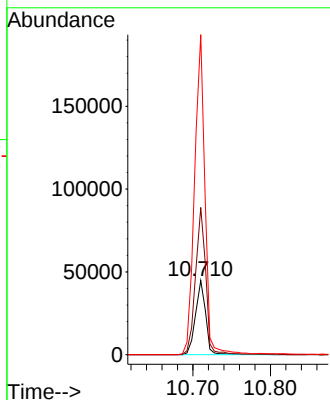
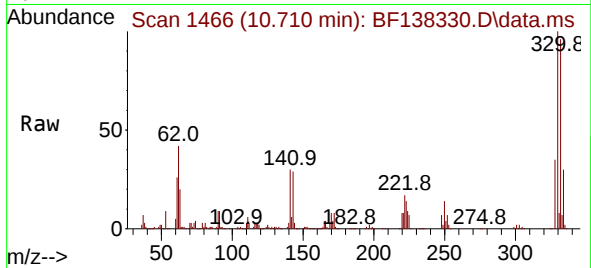




#67
4-Bromophenyl-phenylether
Concen: 4.018 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

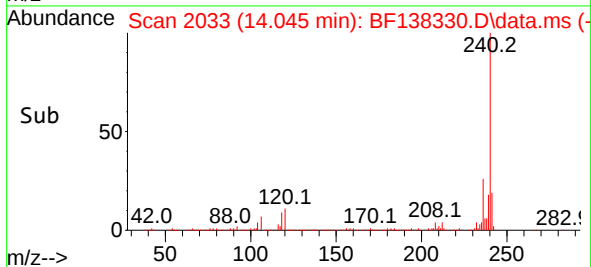
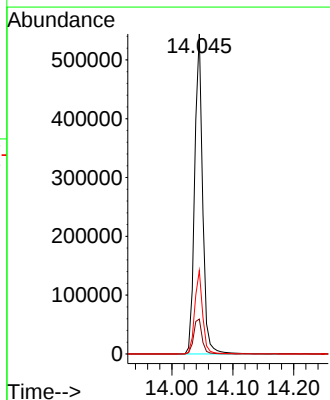
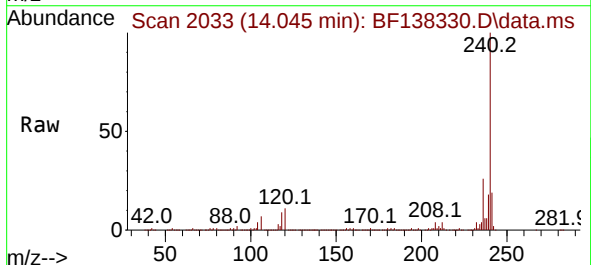
Instrument :
BNA_F
ClientSampleId :
PB161643TB

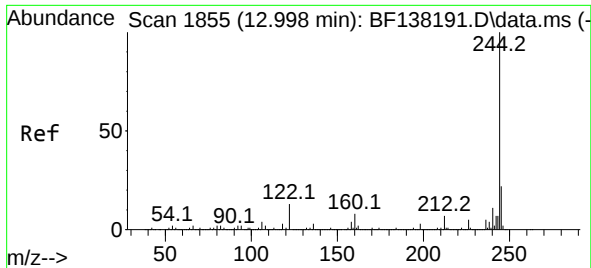
Tgt Ion:248 Resp: 40972
Ion Ratio Lower Upper
248 100
250 199.0 77.2 115.8#
141 432.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:240 Resp: 495027
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.0 21.0 31.6

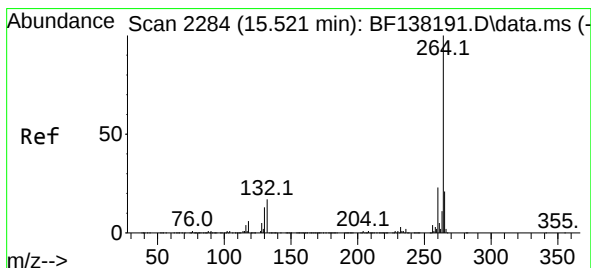
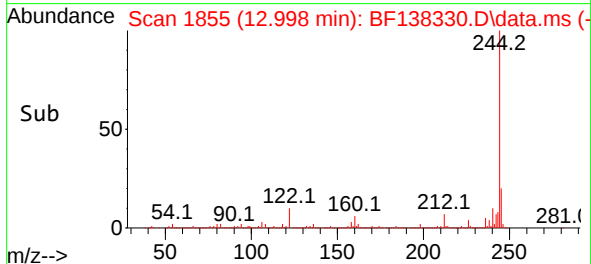
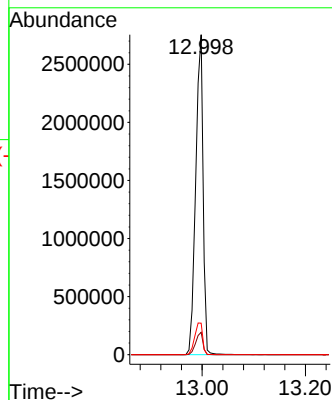
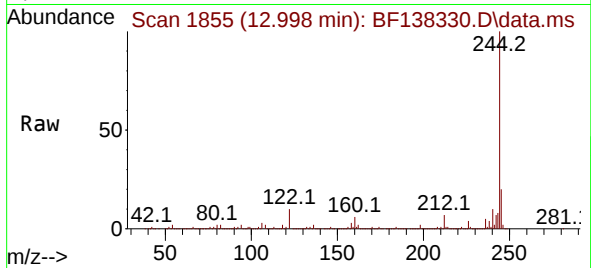




#79
 Terphenyl-d14
 Concen: 87.040 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF138330.D
 Acq: 25 Jun 2024 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB161643TB

Tgt Ion:244 Resp: 2720425
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.9 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF138330.D
 Acq: 25 Jun 2024 12:46

Tgt Ion:264 Resp: 475912
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.8 17.0 25.6

