

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138328.D
 Acq On : 25 Jun 2024 11:46
 Operator : CG\JU
 Sample : PB161658BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161658BL

Quant Time: Jun 25 12:25:49 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)

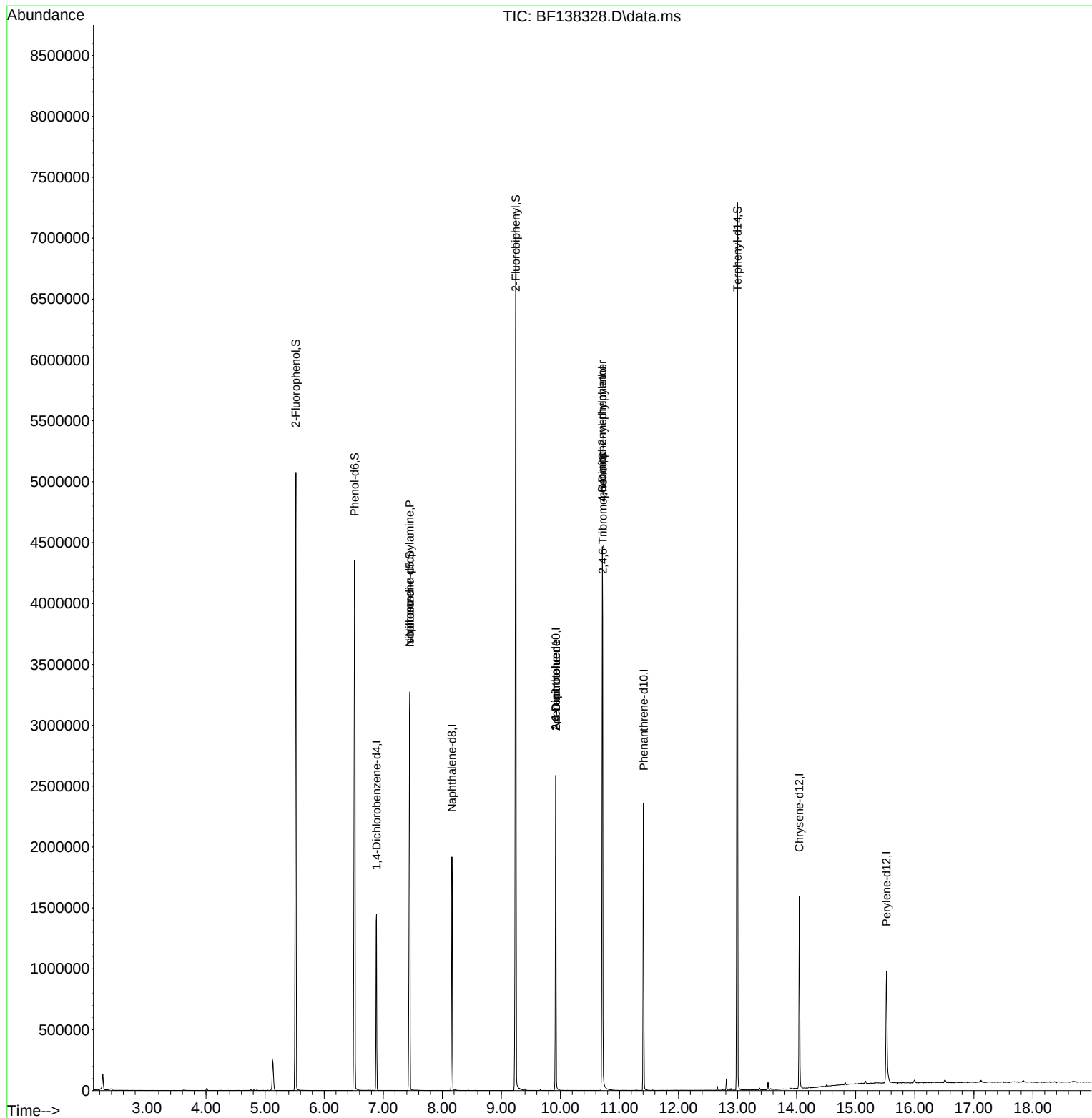
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	224050	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	890683	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	509389	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	921098	20.000	ng	0.00
76) Chrysene-d12	14.045	240	523369	20.000	ng	0.00
86) Perylene-d12	15.521	264	496366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1590726	118.769	ng	0.01
7) Phenol-d6	6.516	99	1990685	117.213	ng	0.00
23) Nitrobenzene-d5	7.451	82	1270119	83.017	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	660112	130.172	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2457512	76.716	ng	0.00
79) Terphenyl-d14	12.998	244	2795341	84.593	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	169063	16.794	ng	# 75
25) Isophorone	7.451	82	1266863	45.779	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	66398	9.806	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	66398	7.951	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1400	7.189	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	41945	4.041	ng	# 1

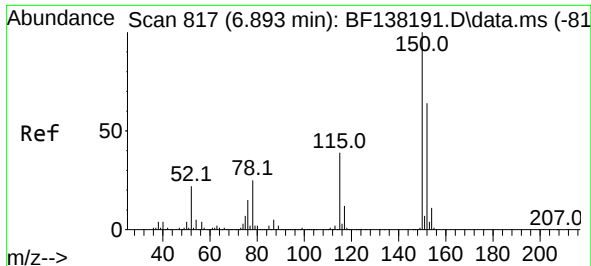
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 12:25:49 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

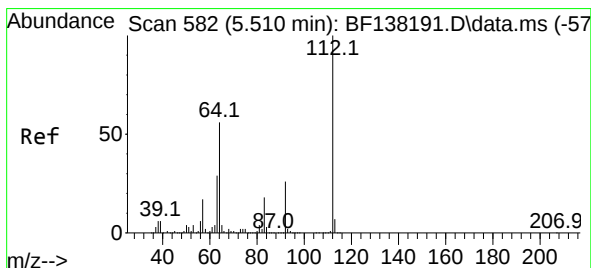
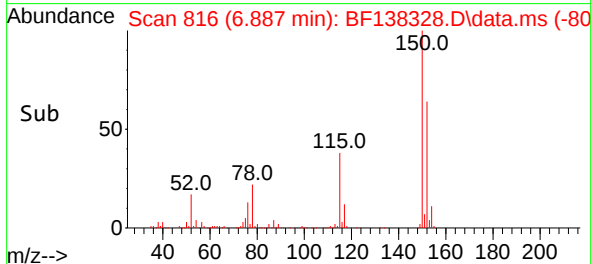
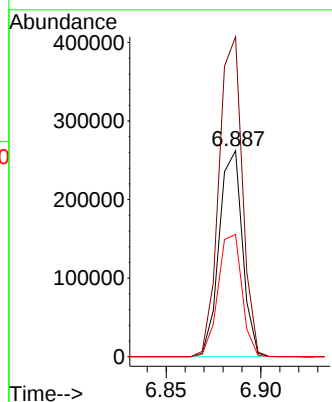
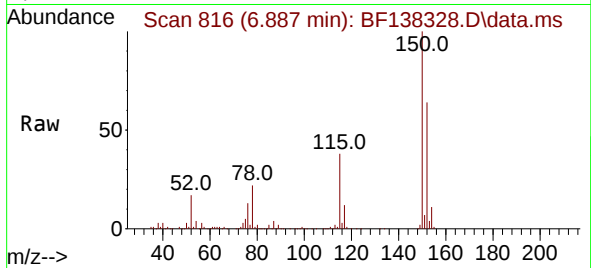




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.006 min
 Lab File: BF138328.D
 Acq: 25 Jun 2024 11:46

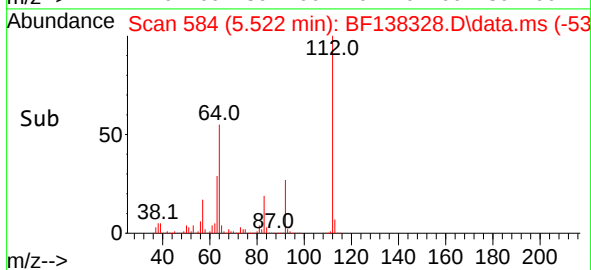
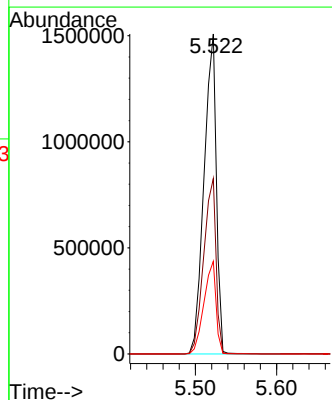
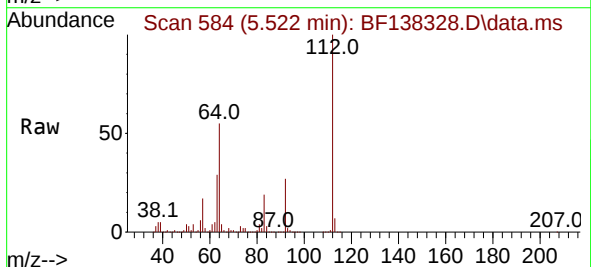
Instrument :
 BNA_F
 ClientSampleId :
 PB161658BL

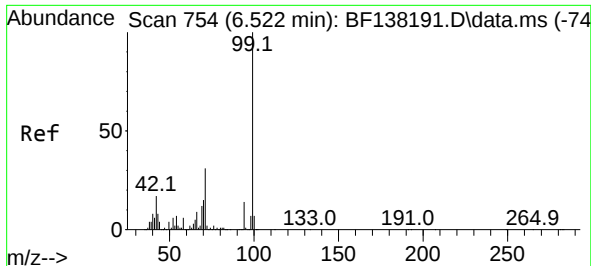
Tgt Ion:152 Resp: 224050
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.0 187.4
 115 59.4 48.4 72.6



#5
 2-Fluorophenol
 Concen: 118.769 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138328.D
 Acq: 25 Jun 2024 11:46

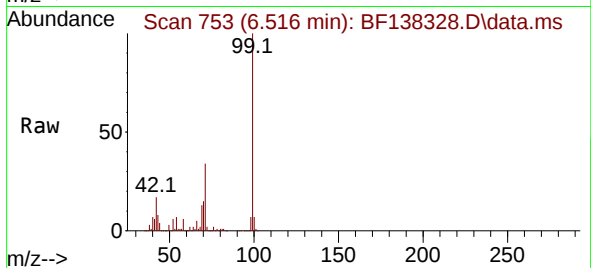
Tgt Ion:112 Resp: 1590726
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.2 67.8
 63 28.9 22.9 34.3





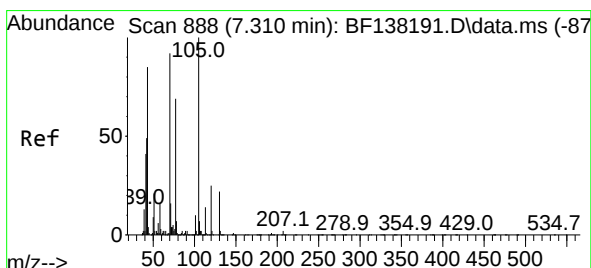
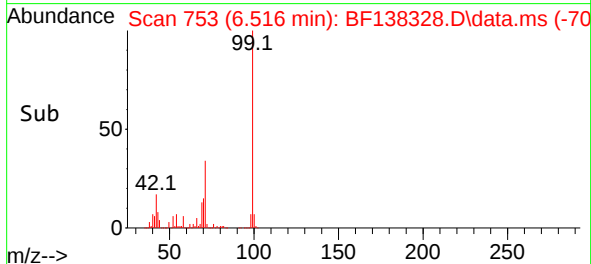
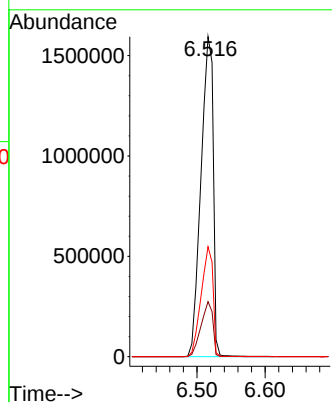
#7
Phenol-d6
Concen: 117.213 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Instrument :
BNA_F
ClientSampleId :
PB161658BL



Tgt Ion: 99 Resp: 1990685

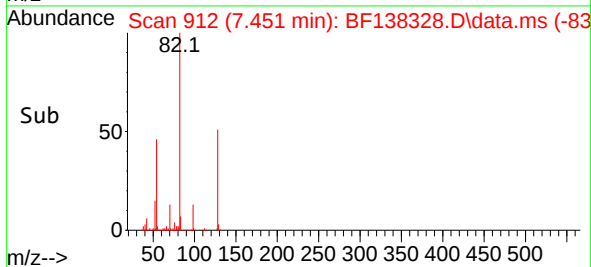
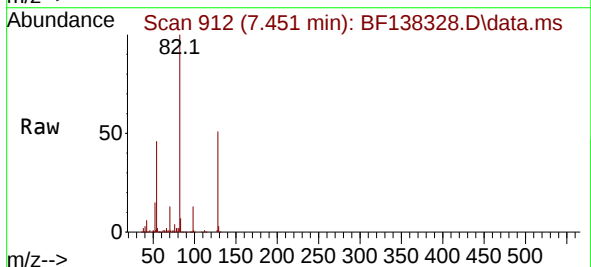
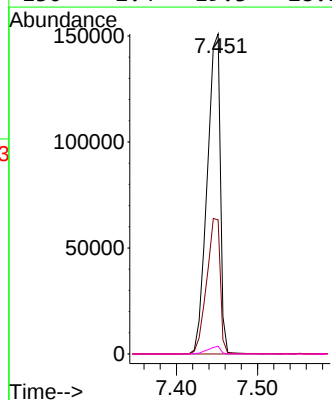
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	34.3	25.0	37.6

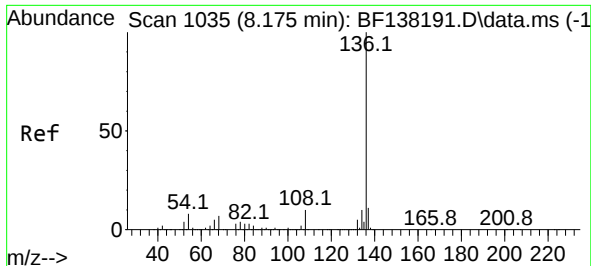


#19
n-Nitroso-di-n-propylamine
Concen: 16.794 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Tgt Ion: 70 Resp: 169063

Ion	Ratio	Lower	Upper
70	100		
42	41.9	42.8	64.2#
101	0.0	8.4	12.6#
130	2.4	19.3	28.9#

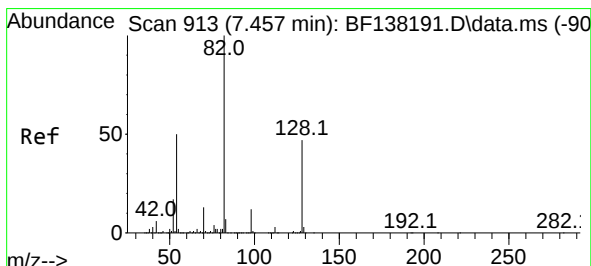
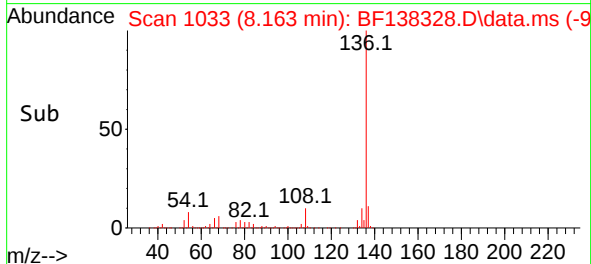
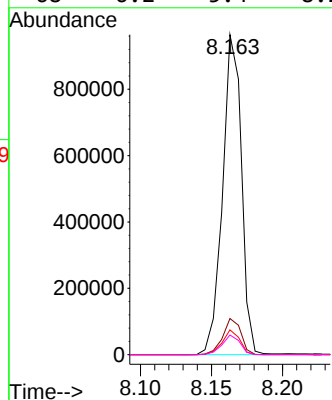
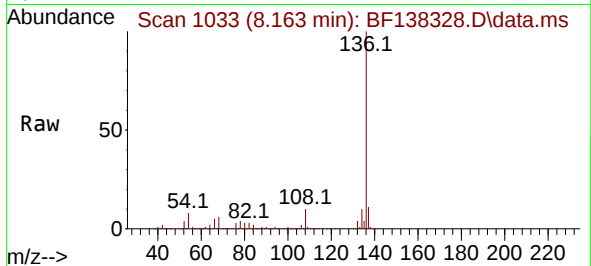




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

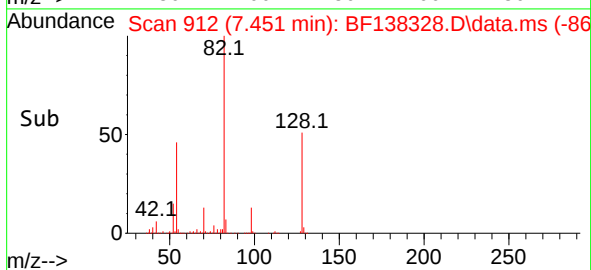
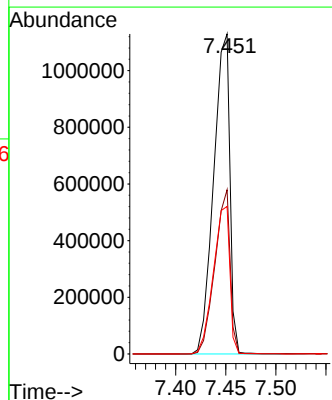
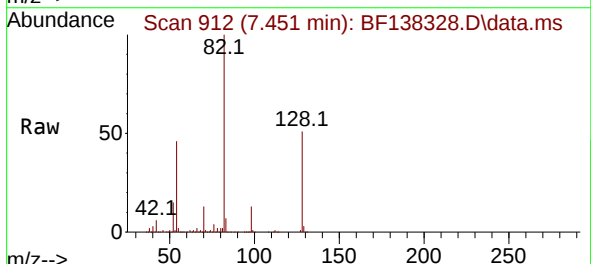
Instrument :
BNA_F
ClientSampleId :
PB161658BL

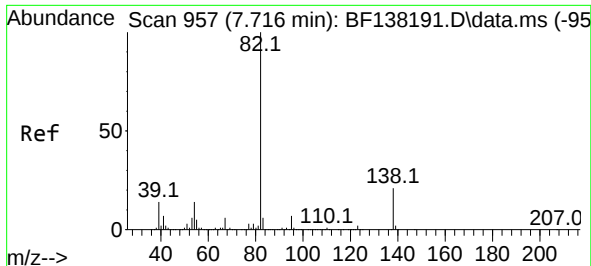
Tgt Ion:136 Resp: 890683
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 83.017 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Tgt Ion: 82 Resp: 1270119
Ion Ratio Lower Upper
82 100
128 51.3 37.2 55.8
54 46.1 39.8 59.6

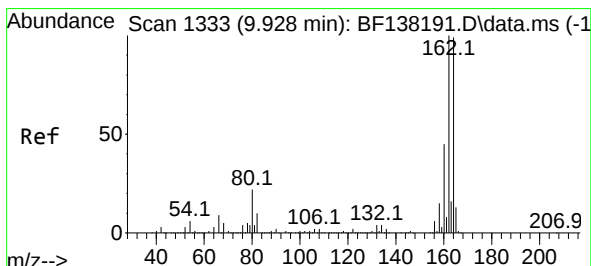
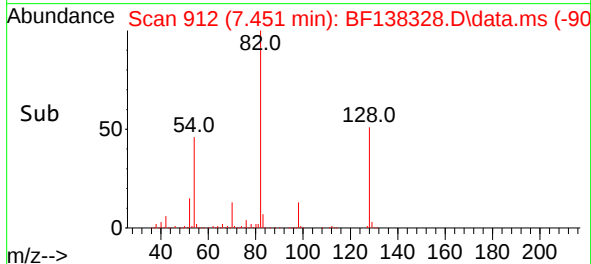
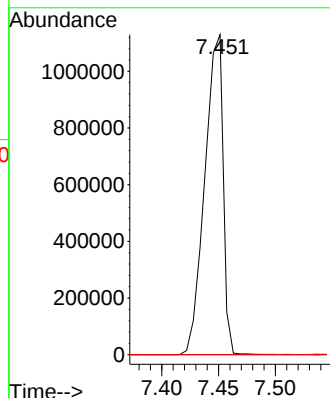
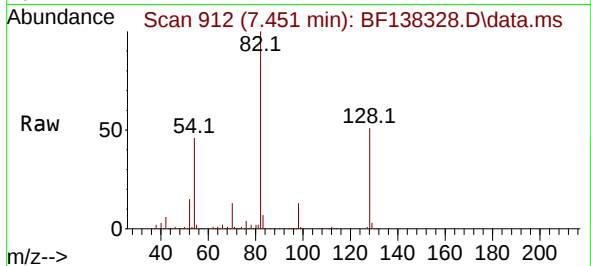




#25
Isophorone
Concen: 45.779 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

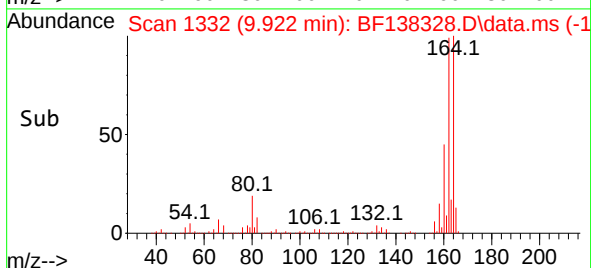
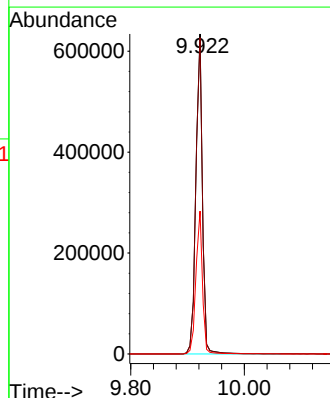
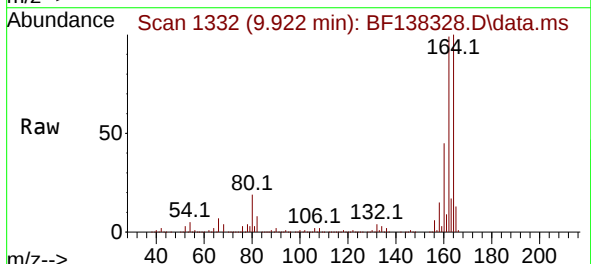
Instrument :
BNA_F
ClientSampleId :
PB161658BL

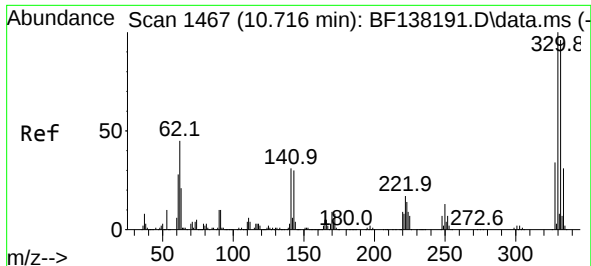
Tgt Ion: 82 Resp: 1266863
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Tgt Ion:164 Resp: 509389
Ion Ratio Lower Upper
164 100
162 98.9 80.6 121.0
160 44.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 130.172 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138328.D

Acq: 25 Jun 2024 11:46

Instrument :

BNA_F

ClientSampleId :

PB161658BL

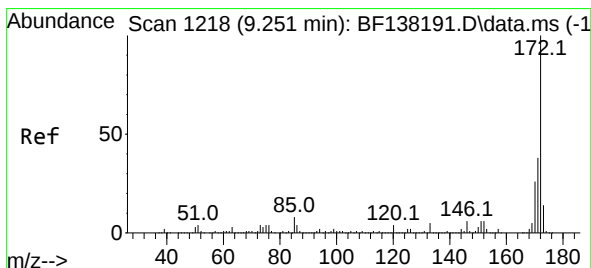
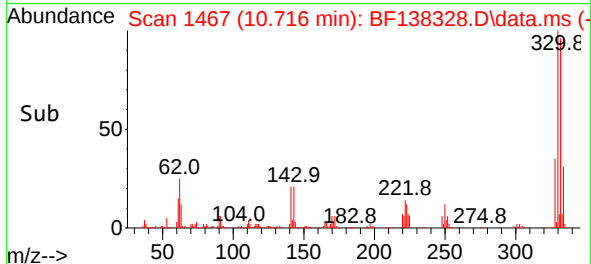
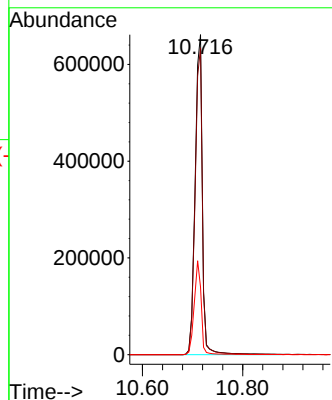
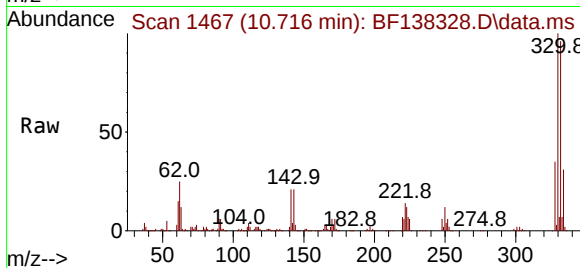
Tgt Ion:330 Resp: 660112

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

141 28.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.716 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138328.D

Acq: 25 Jun 2024 11:46

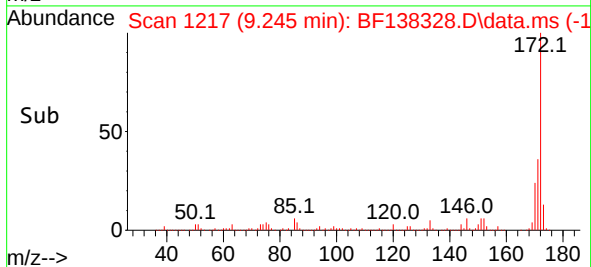
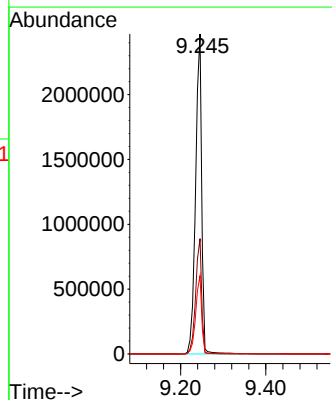
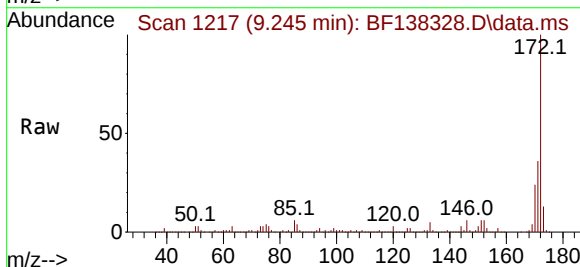
Tgt Ion:172 Resp: 2457512

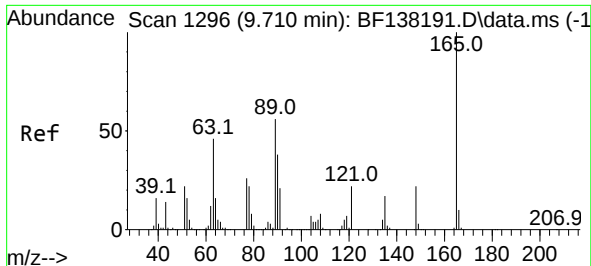
Ion Ratio Lower Upper

172 100

171 36.1 30.3 45.5

170 24.5 20.6 30.8

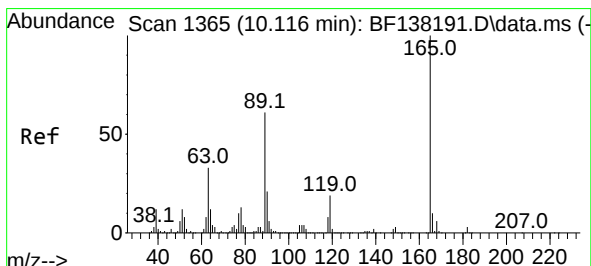
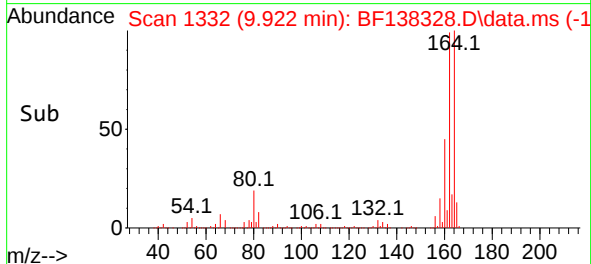
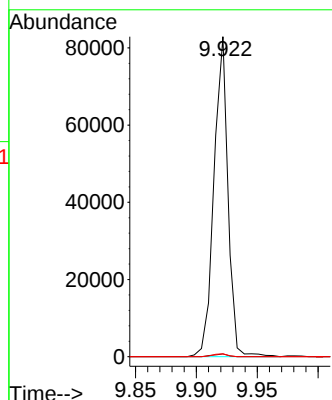
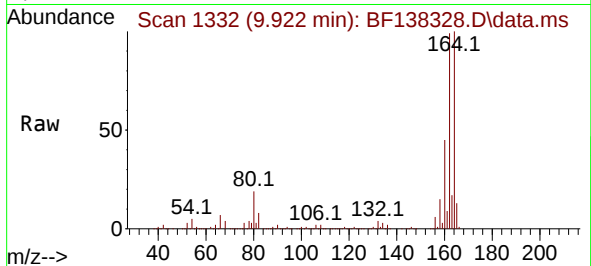




#51
2,6-Dinitrotoluene
Concen: 9.806 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

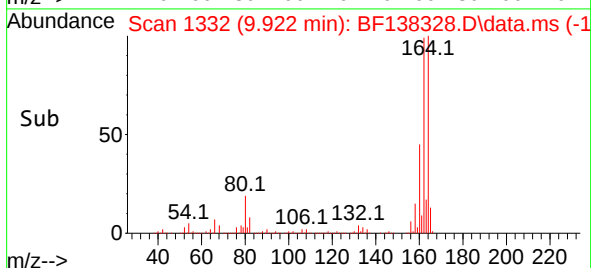
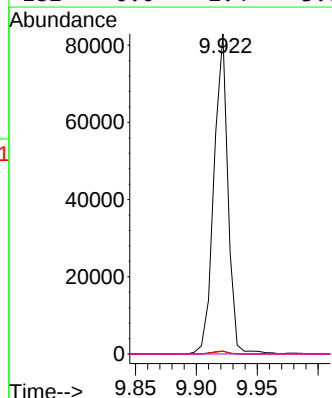
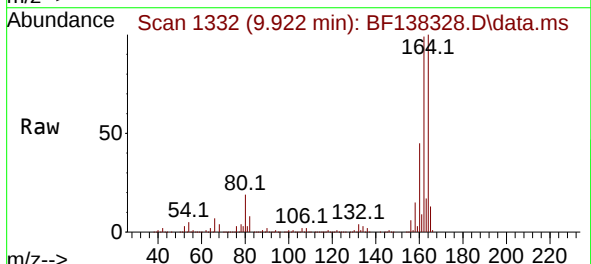
Instrument :
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PB161658BL

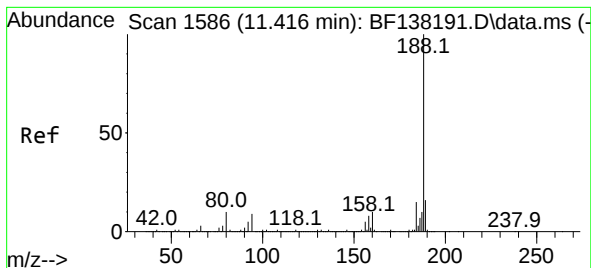
Tgt Ion:165 Resp: 66398
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.951 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Tgt Ion:165 Resp: 66398
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138328.D

Acq: 25 Jun 2024 11:46

Instrument :

BNA_F

ClientSampleId :

PB161658BL

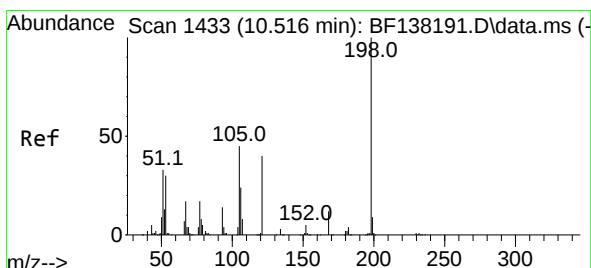
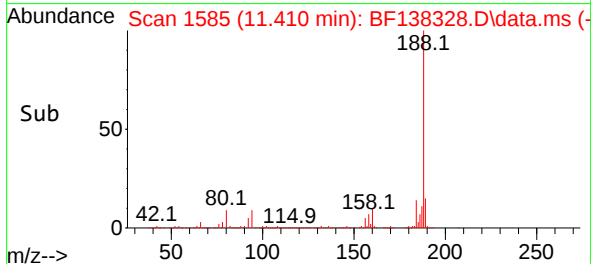
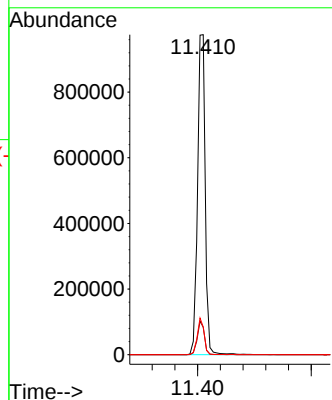
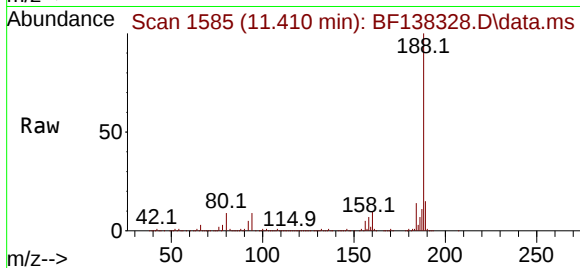
Tgt Ion:188 Resp: 921098

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 8.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.189 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138328.D

Acq: 25 Jun 2024 11:46

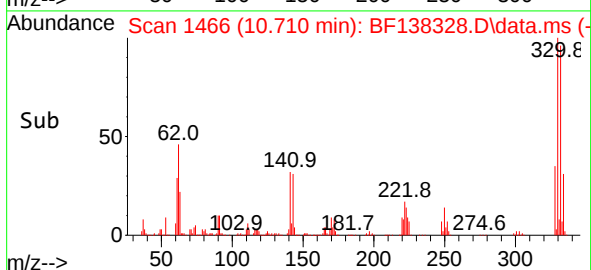
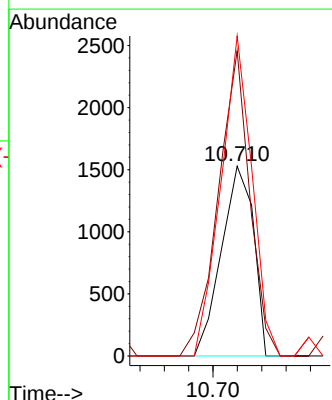
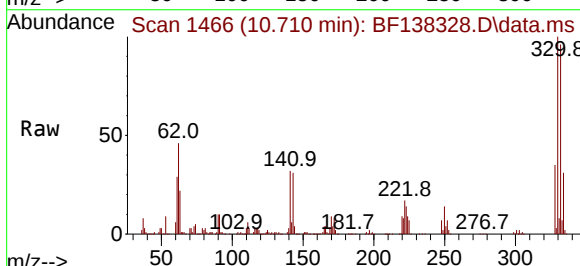
Tgt Ion:198 Resp: 1400

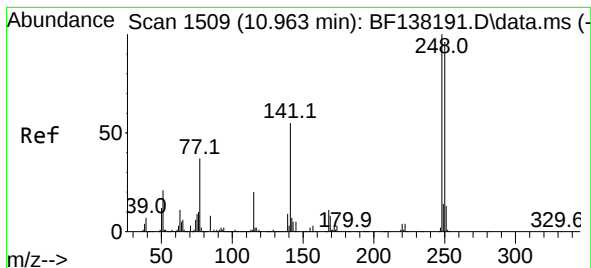
Ion Ratio Lower Upper

198 100

51 160.8 26.9 66.9#

105 168.7 26.0 66.0#

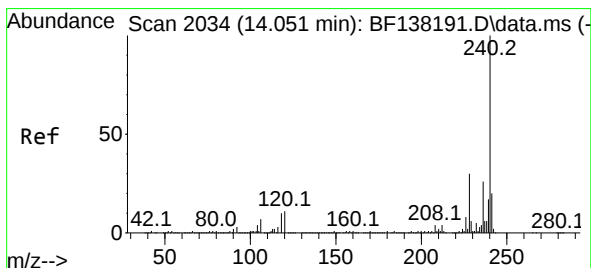
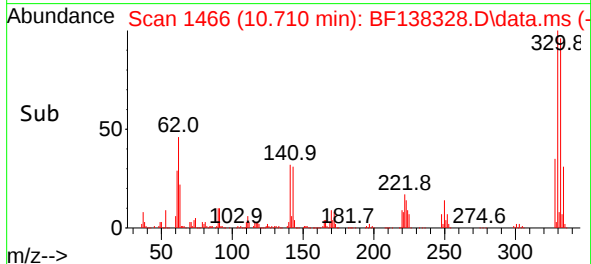
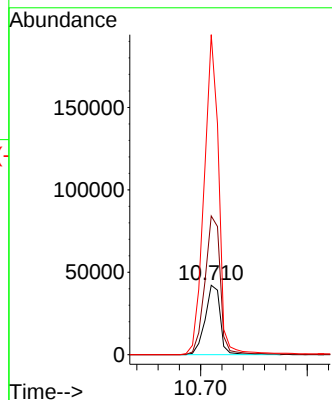
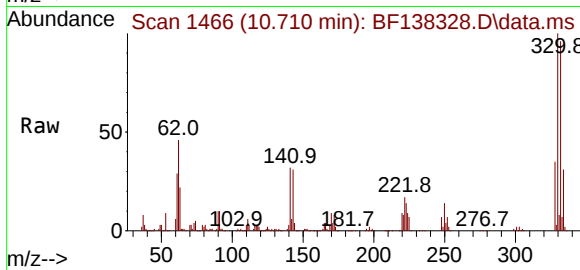




#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

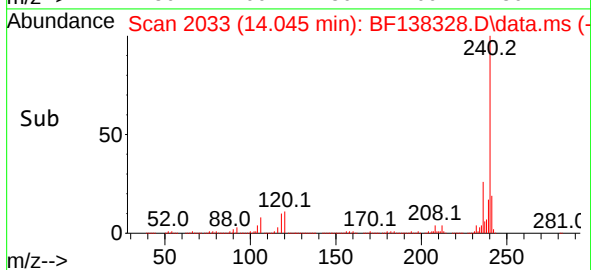
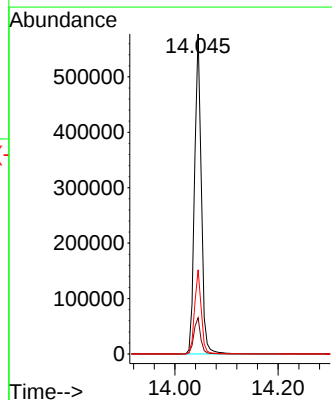
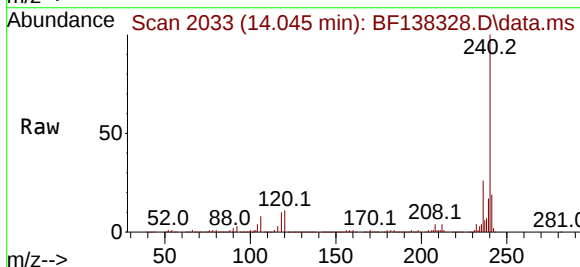
Instrument :
BNA_F
ClientSampleId :
PB161658BL

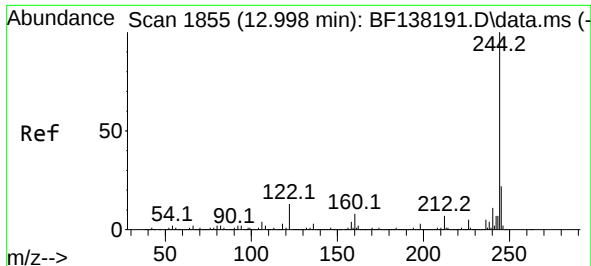
Tgt Ion:248 Resp: 41945
Ion Ratio Lower Upper
248 100
250 199.6 77.2 115.8#
141 460.3 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138328.D
Acq: 25 Jun 2024 11:46

Tgt Ion:240 Resp: 523369
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.3 21.0 31.6

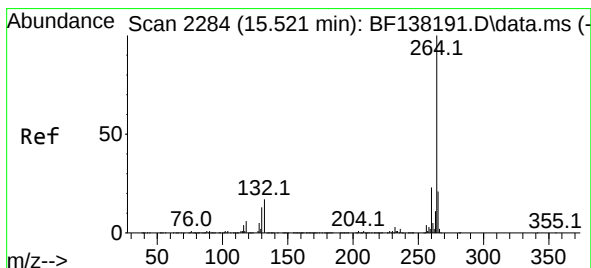
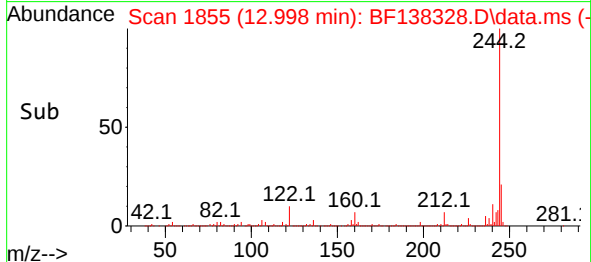
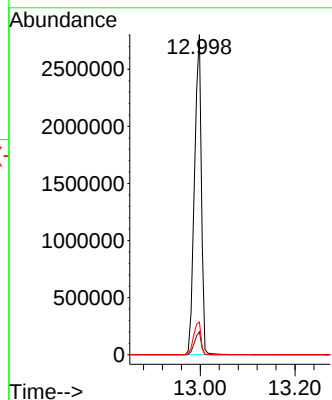
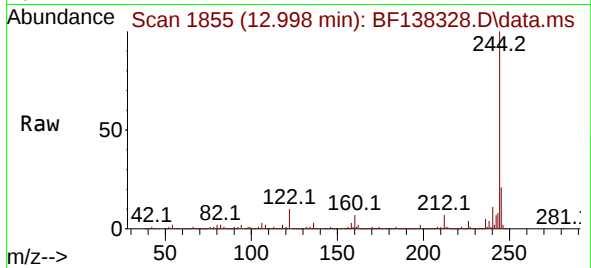




#79
 Terphenyl-d14
 Concen: 84.593 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF138328.D
 Acq: 25 Jun 2024 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB161658BL

Tgt Ion:244 Resp: 2795341
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.2 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: BF138328.D
 Acq: 25 Jun 2024 11:46

Tgt Ion:264 Resp: 496366
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.1 17.0 25.6

