

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138349.D
 Acq On : 26 Jun 2024 13:45
 Operator : CG\JU
 Sample : PB161686BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161686BL

Quant Time: Jun 26 14:18:44 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)

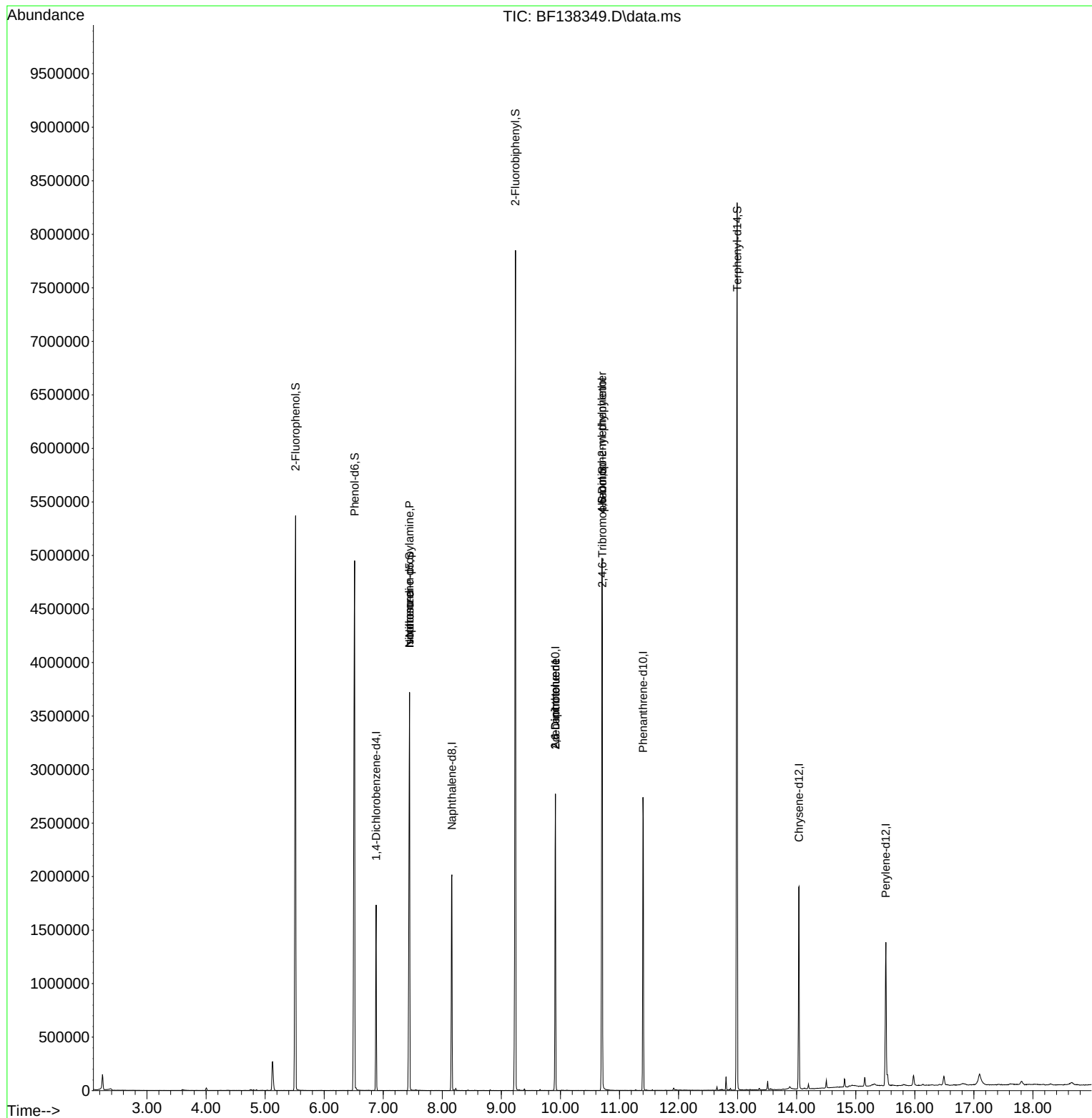
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	248028	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	999590	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	572740	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	1047721	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	663248	20.000	ng	-0.01
86) Perylene-d12	15.509	264	591619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1763937	118.969	ng	0.00
7) Phenol-d6	6.516	99	2186877	116.317	ng	0.00
23) Nitrobenzene-d5	7.445	82	1391311	81.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	745147	130.687	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2622885	72.821	ng	-0.01
79) Terphenyl-d14	12.992	244	3227104	77.063	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	184492	16.555	ng	# 75
25) Isophorone	7.445	82	1383050	44.532	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	75191	9.877	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	75191	8.008	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1581	7.188	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	48099	4.074	ng	# 1

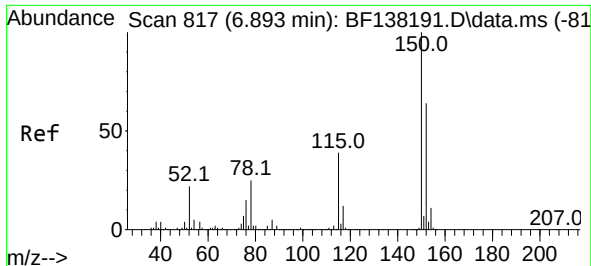
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 14:18:44 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

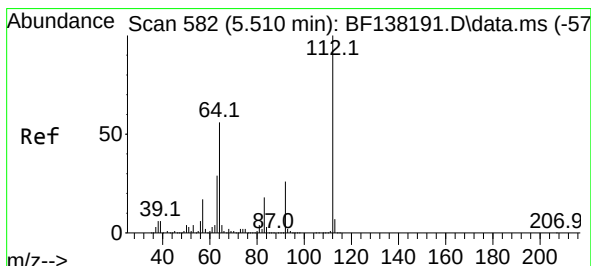
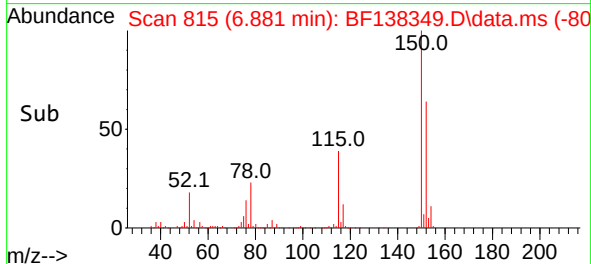
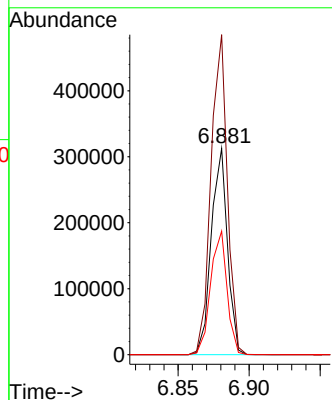
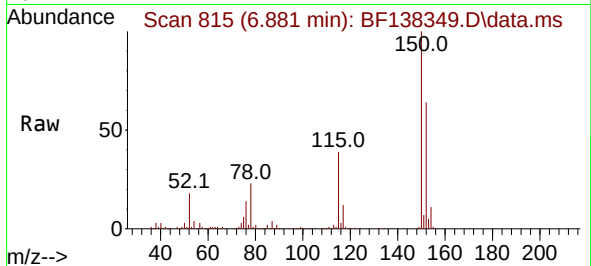




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

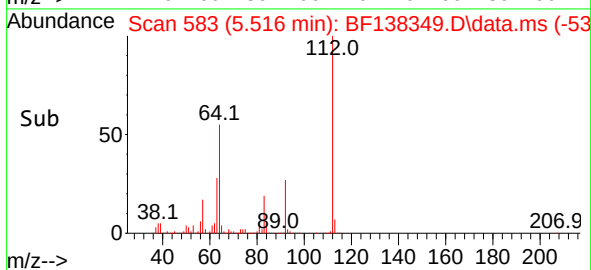
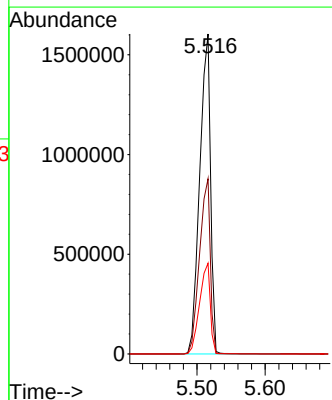
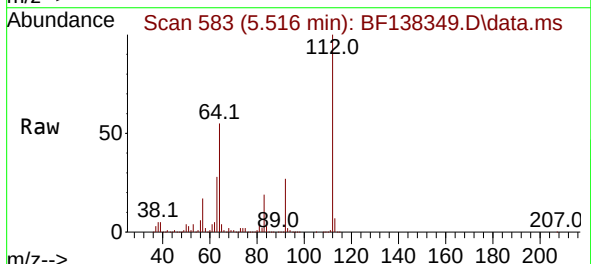
Instrument :
BNA_F
ClientSampleId :
PB161686BL

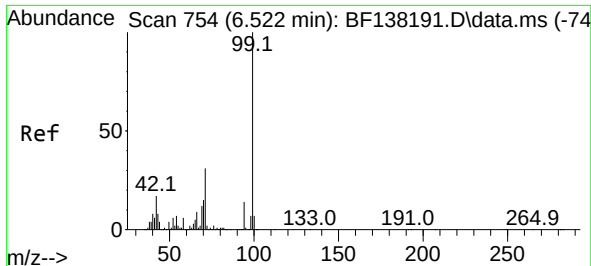
Tgt Ion:152 Resp: 248028
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 59.9 48.4 72.6



#5
2-Fluorophenol
Concen: 118.969 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion:112 Resp: 1763937
Ion Ratio Lower Upper
112 100
64 54.7 45.2 67.8
63 28.4 22.9 34.3

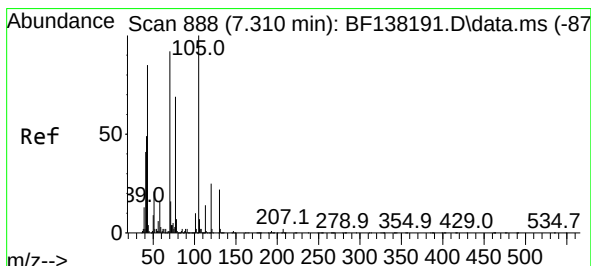
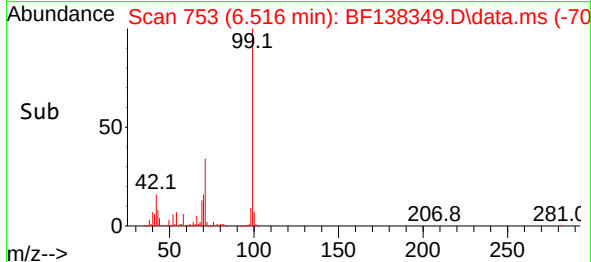
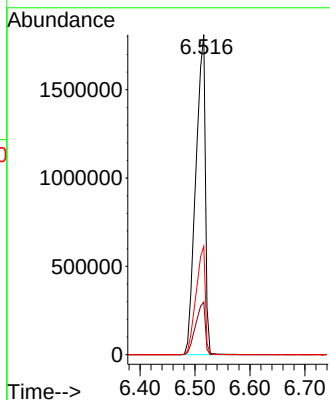
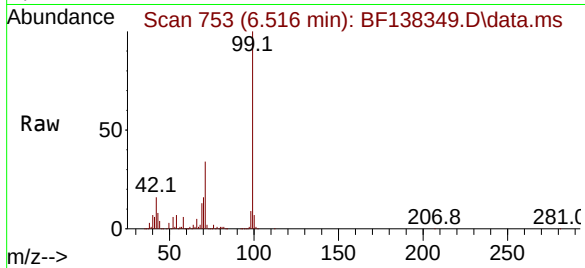




#7
Phenol-d6
Concen: 116.317 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

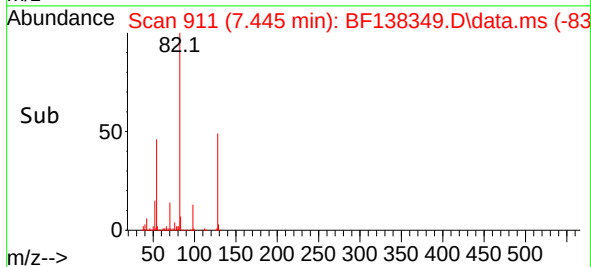
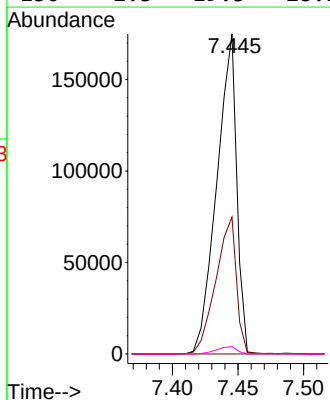
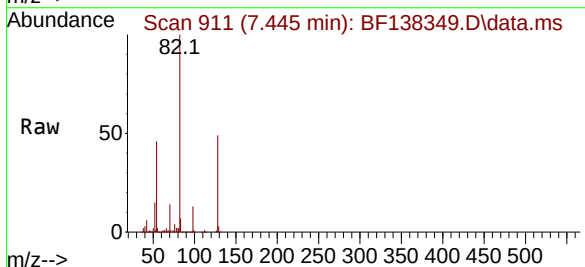
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BNA_F
ClientSampleId :
PB161686BL

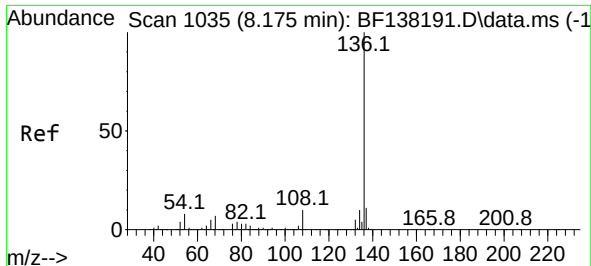
Tgt Ion: 99 Resp: 2186877
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 33.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.555 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion: 70 Resp: 184492
Ion Ratio Lower Upper
70 100
42 42.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

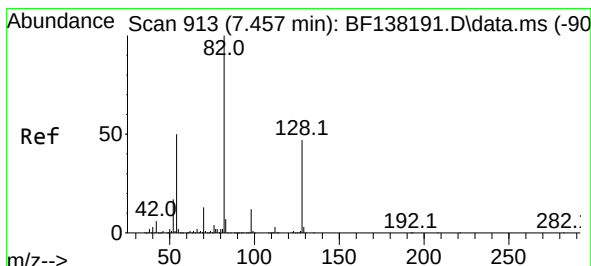
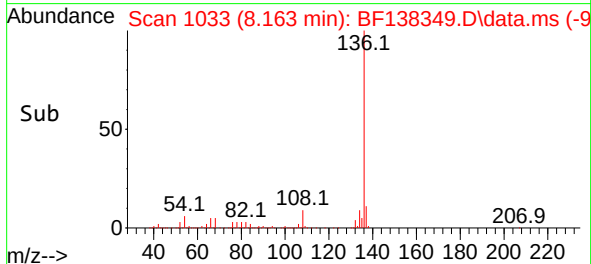
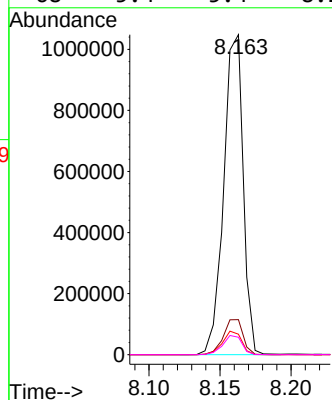
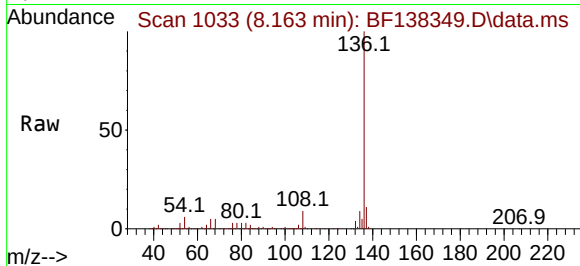




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

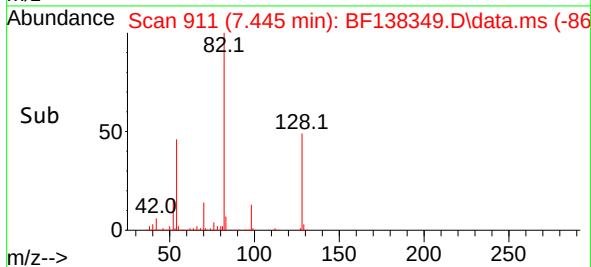
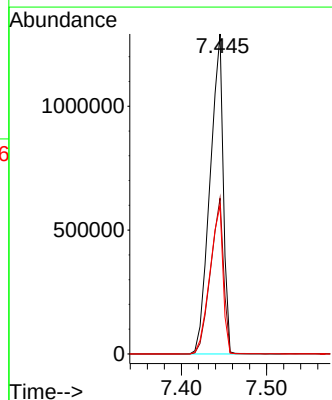
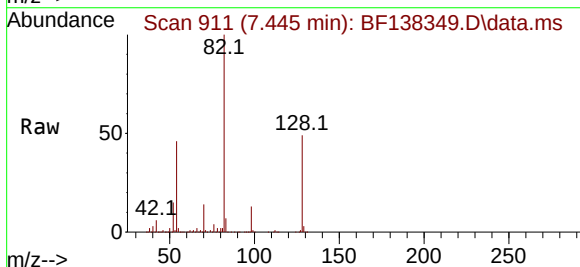
Instrument :
BNA_F
ClientSampleId :
PB161686BL

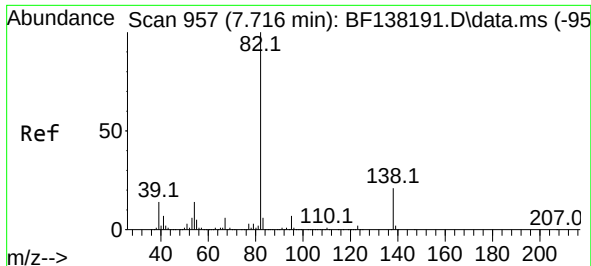
Tgt Ion:136 Resp: 999590
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.4 6.6 10.0#
68 5.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 81.030 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion: 82 Resp: 1391311
Ion Ratio Lower Upper
82 100
128 48.7 37.2 55.8
54 46.3 39.8 59.6

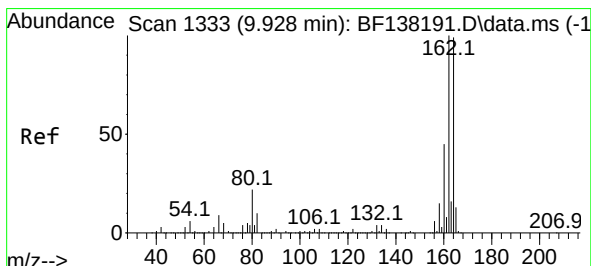
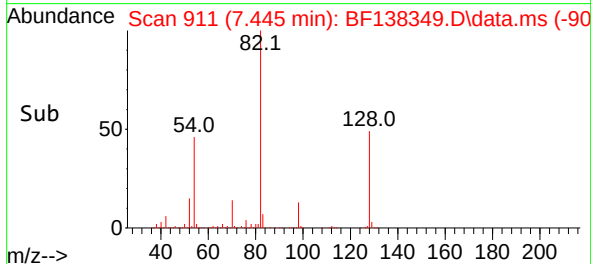
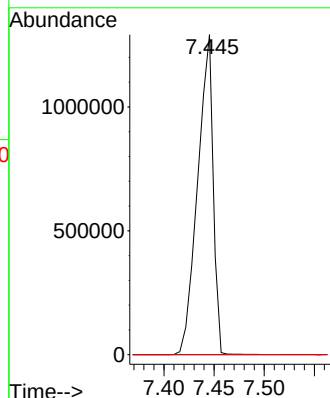
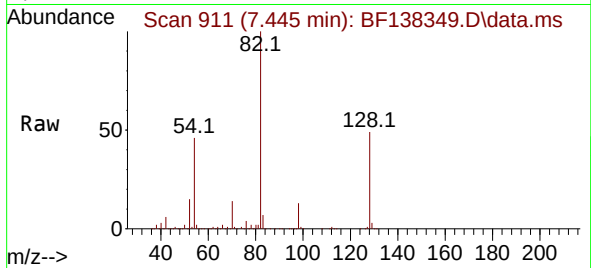




#25
Isophorone
Concen: 44.532 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

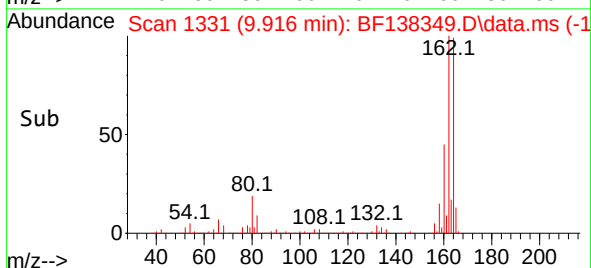
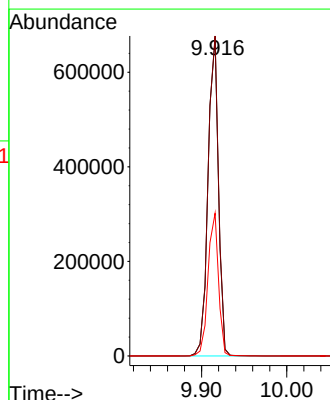
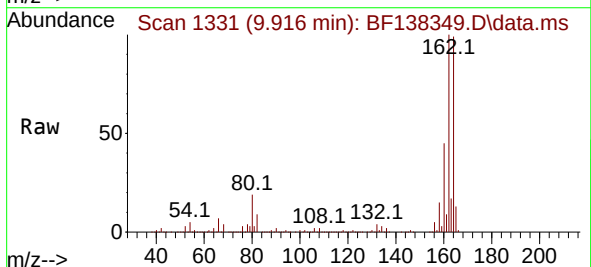
Instrument :
BNA_F
ClientSampleId :
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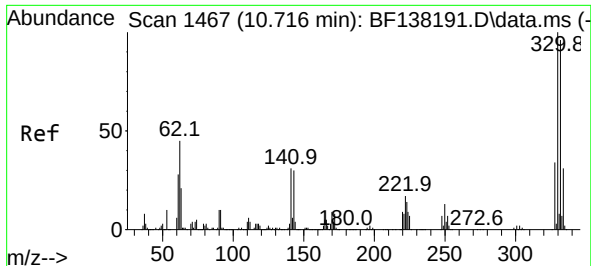
Tgt Ion: 82 Resp: 1383050
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion: 164 Resp: 572740
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 130.687 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138349.D

Acq: 26 Jun 2024 13:45

Instrument :

BNA_F

ClientSampleId :

PB161686BL

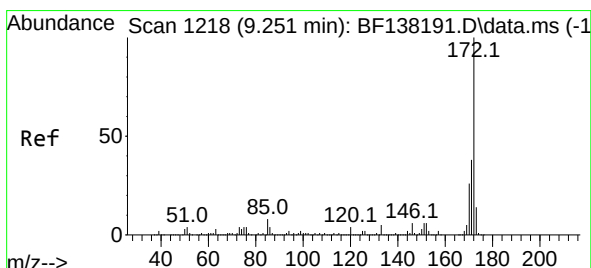
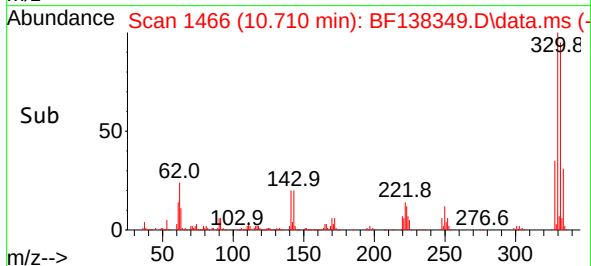
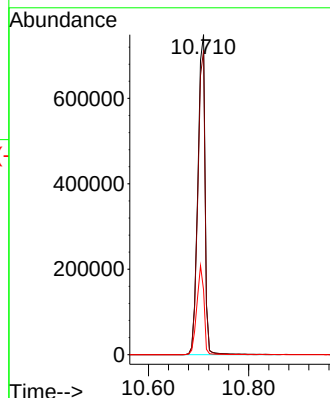
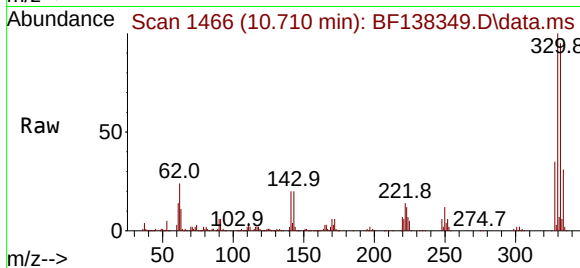
Tgt Ion:330 Resp: 745147

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

141 27.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.821 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138349.D

Acq: 26 Jun 2024 13:45

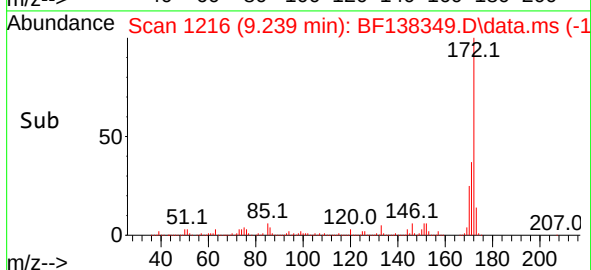
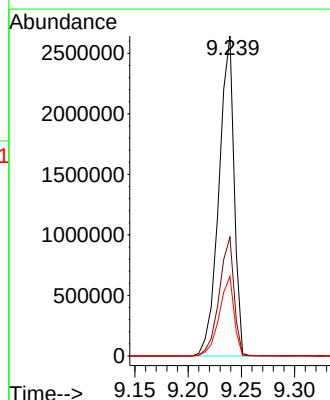
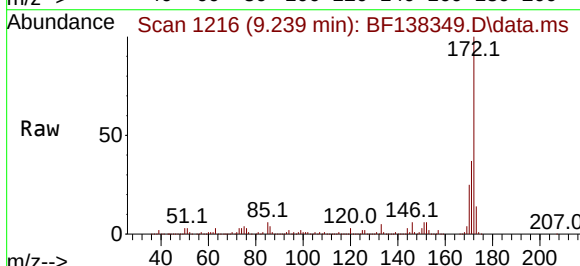
Tgt Ion:172 Resp: 2622885

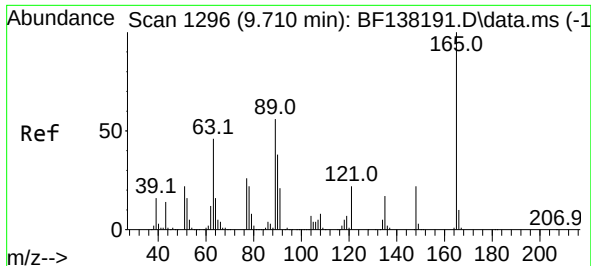
Ion Ratio Lower Upper

172 100

171 37.1 30.3 45.5

170 24.8 20.6 30.8

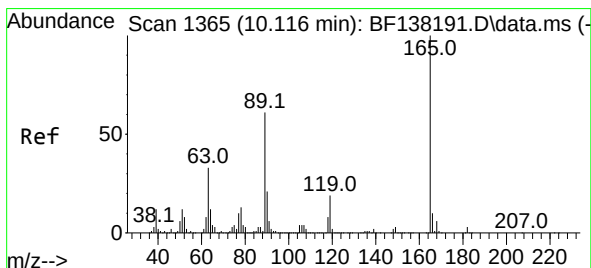
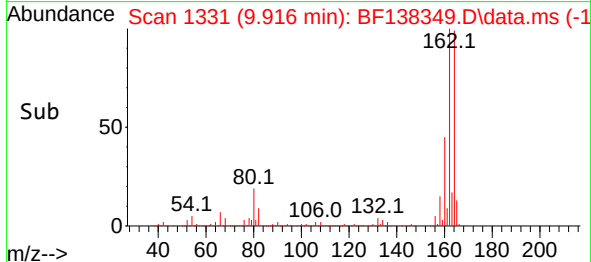
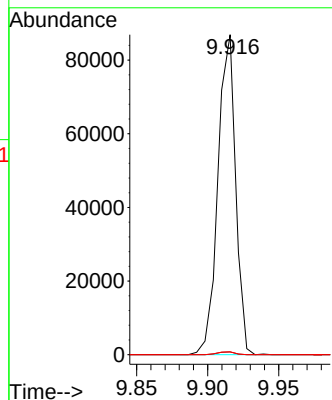
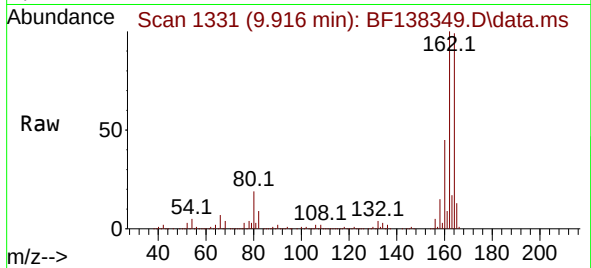




#51
2,6-Dinitrotoluene
Concen: 9.877 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

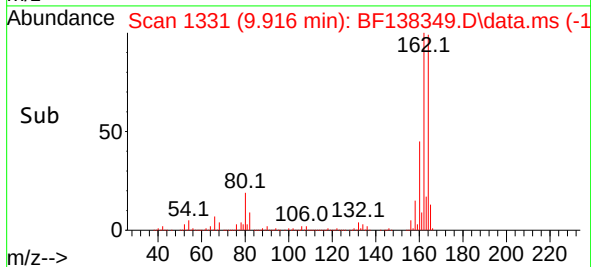
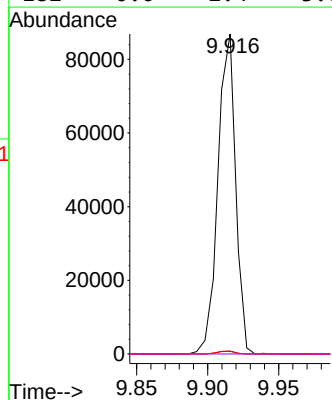
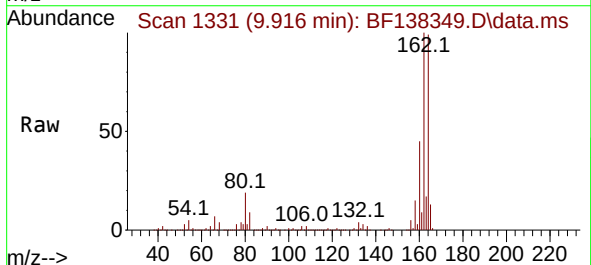
Instrument :
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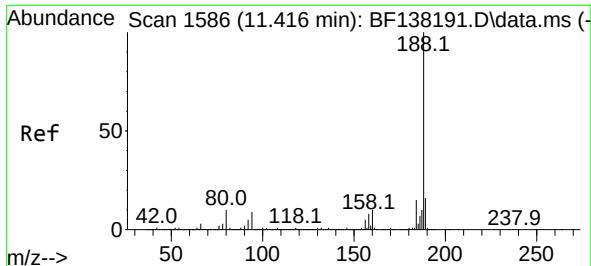
Tgt Ion:165 Resp: 75191
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.008 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion:165 Resp: 75191
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#

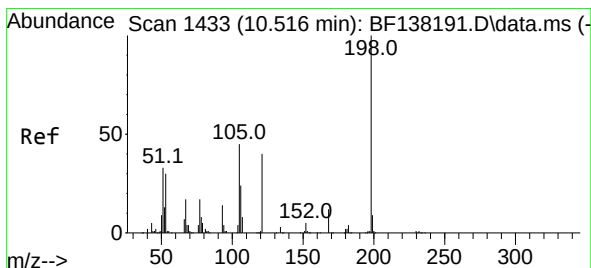
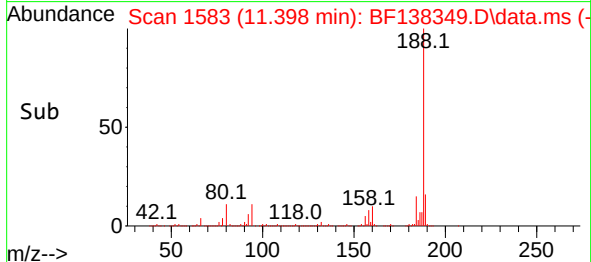
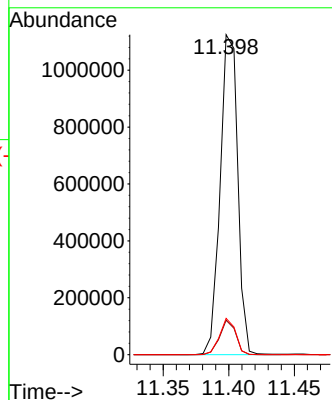
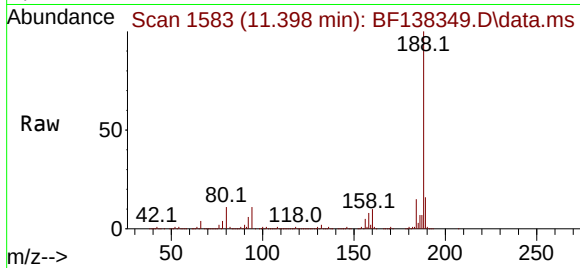




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

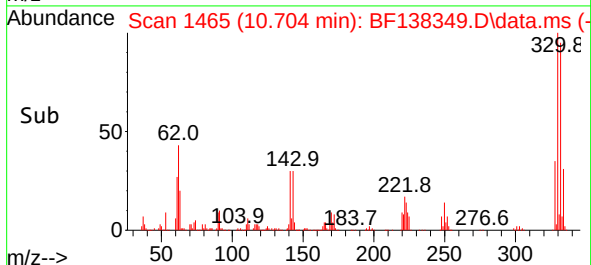
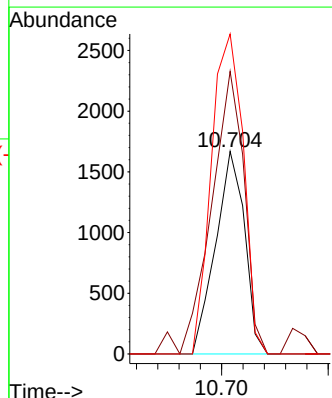
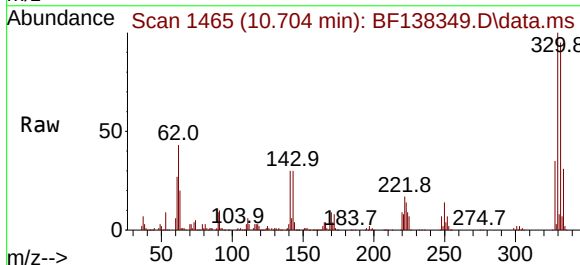
Instrument :
BNA_F
ClientSampleId :
PB161686BL

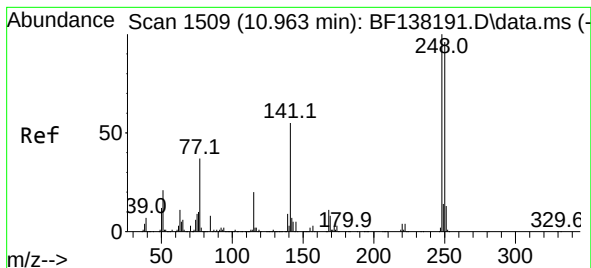
Tgt Ion:188 Resp: 1047721
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 11.4 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.188 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion:198 Resp: 1581
Ion Ratio Lower Upper
198 100
51 139.5 26.9 66.9#
105 158.0 26.0 66.0#

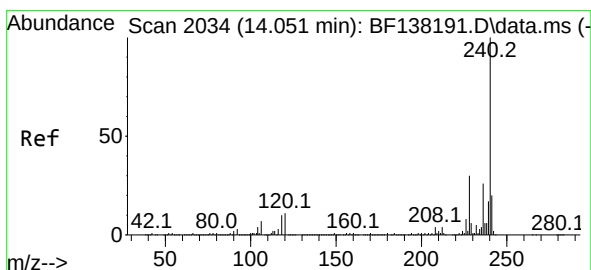
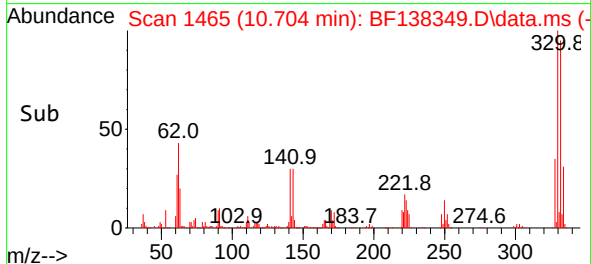
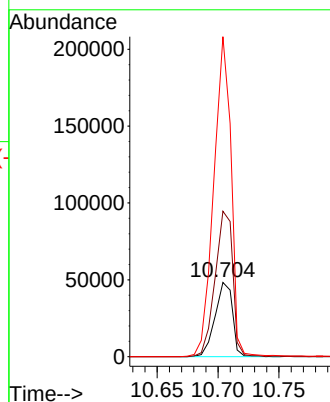
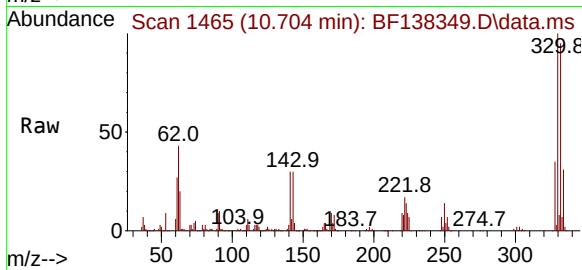




#67
4-Bromophenyl-phenylether
Concen: 4.074 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

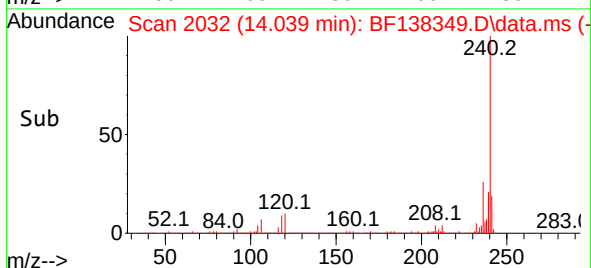
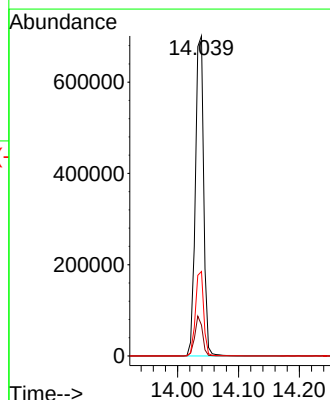
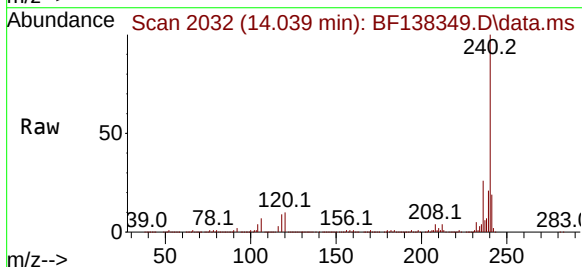
Instrument :
BNA_F
ClientSampleId :
PB161686BL

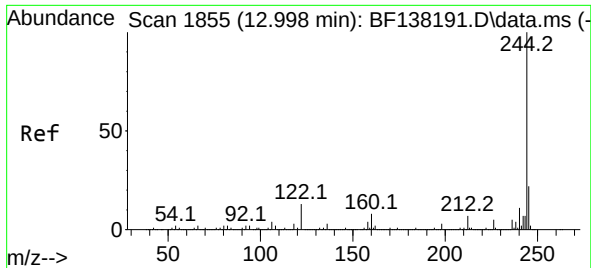
Tgt Ion:248 Resp: 48099
Ion Ratio Lower Upper
248 100
250 195.8 77.2 115.8#
141 430.9 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138349.D
Acq: 26 Jun 2024 13:45

Tgt Ion:240 Resp: 663248
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 26.4 21.0 31.6

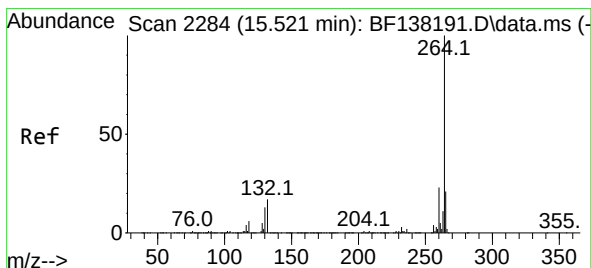
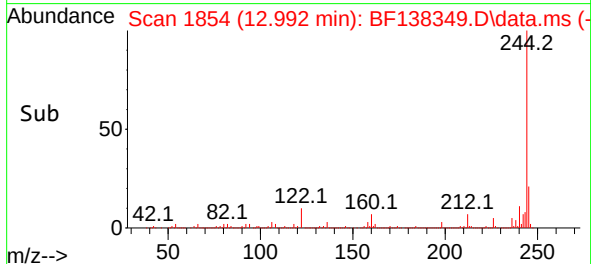
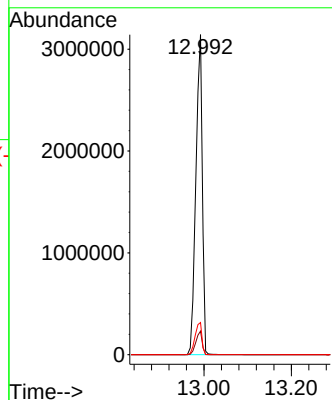
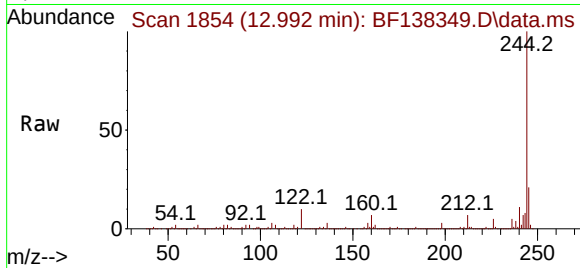




#79
 Terphenyl-d14
 Concen: 77.063 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138349.D
 Acq: 26 Jun 2024 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB161686BL

Tgt Ion:244 Resp: 3227104
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.1 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138349.D
 Acq: 26 Jun 2024 13:45

Tgt Ion:264 Resp: 591619
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.1 17.0 25.6

