

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138335.D
 Acq On : 25 Jun 2024 15:35
 Operator : CG\JU
 Sample : P3009-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Quant Time: Jun 25 15:58:53 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)

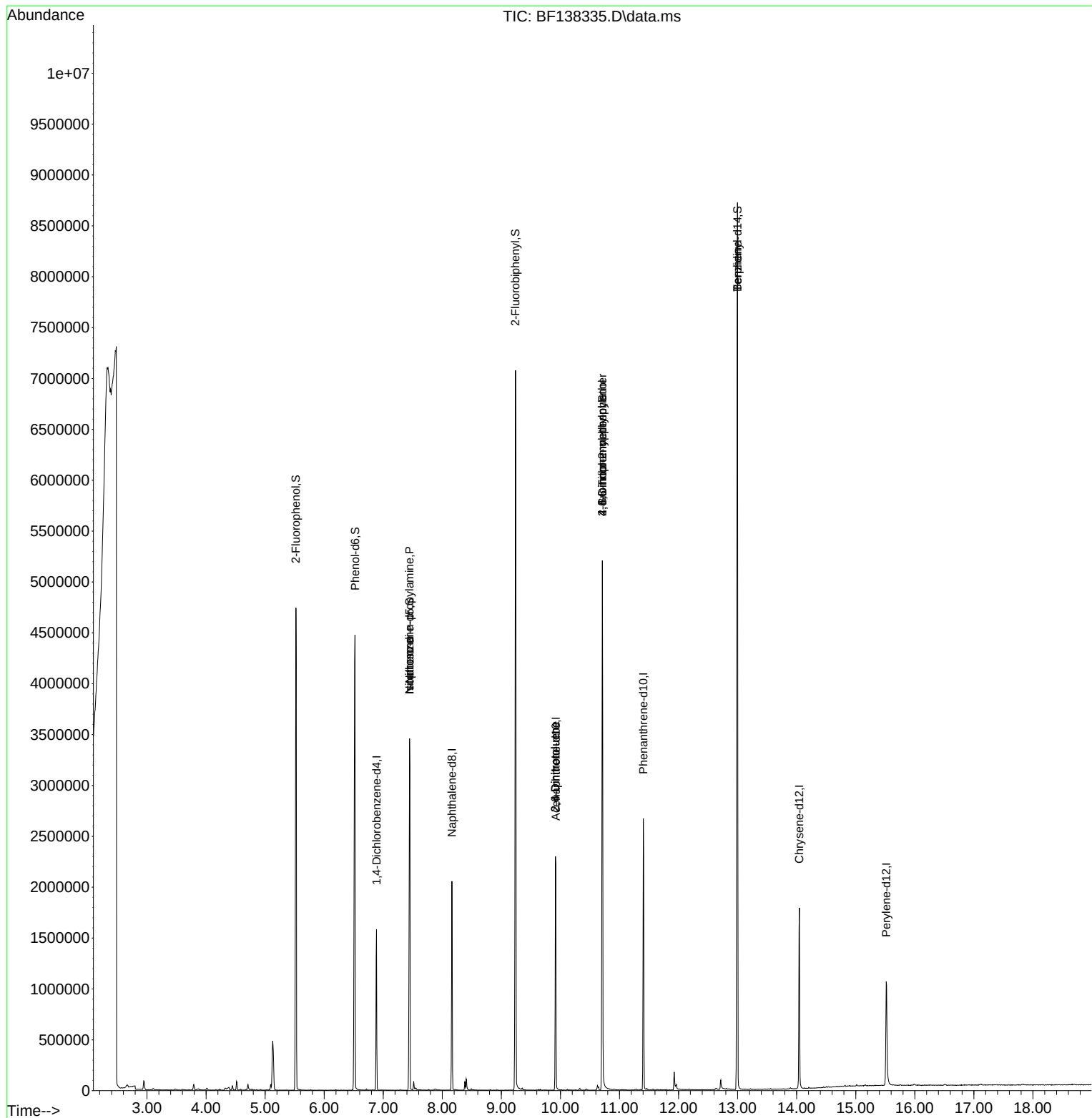
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	226627	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	882984	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	517030	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1003076	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	614623	20.000	ng	0.00
86) Perylene-d12	15.515	264	569247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1578489	116.515	ng	0.01
7) Phenol-d6	6.522	99	1920817	111.813	ng	0.00
23) Nitrobenzene-d5	7.445	82	1286240	84.804	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	772277	150.040	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2506242	77.081	ng	-0.01
79) Terphenyl-d14	12.998	244	3424381	88.243	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	170574	16.751	ng	# 77
25) Isophorone	7.445	82	1284486	46.820	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	68143	9.915	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	68143	8.039	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1579	7.199	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	48538	4.294	ng	# 1
77) Benzidine	12.998	184	44497	6.259	ng	# 95

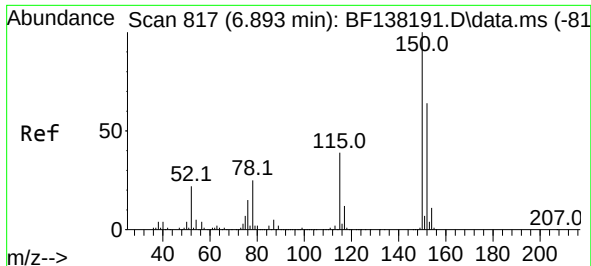
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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Quant Time: Jun 25 15:58:53 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

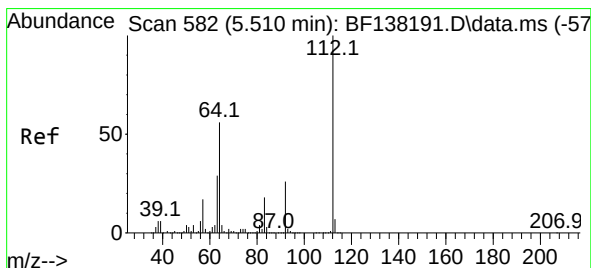
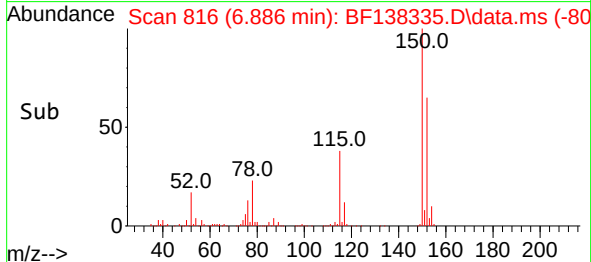
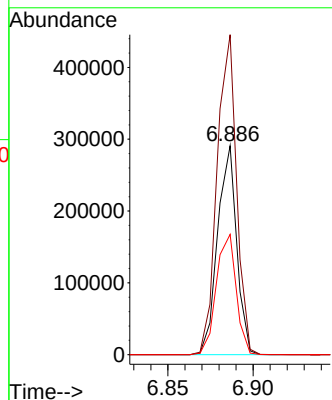
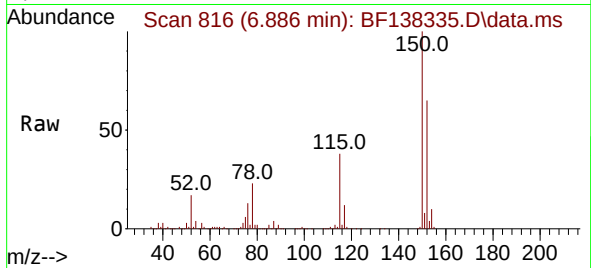




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF138335.D
 Acq: 25 Jun 2024 15:35

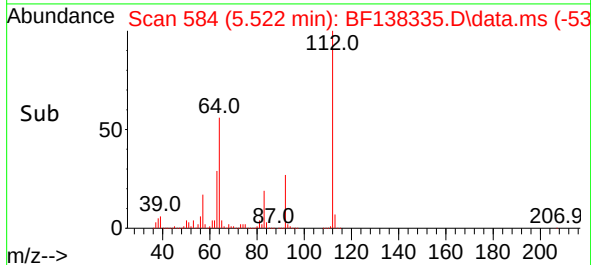
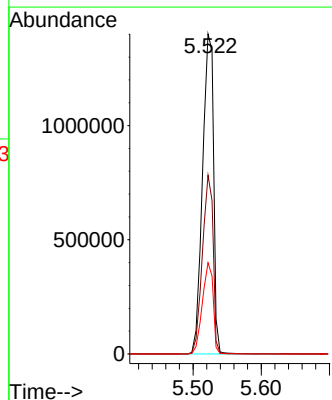
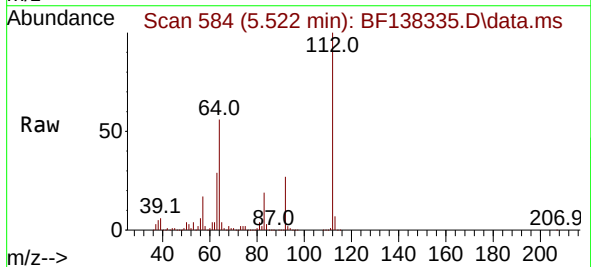
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

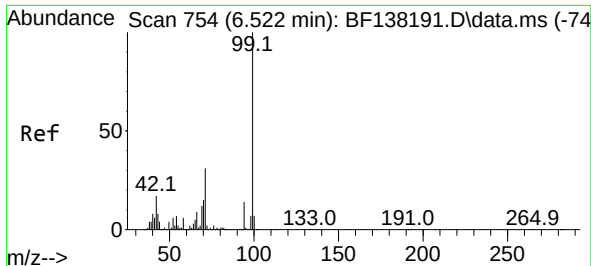
Tgt Ion:152 Resp: 226627
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.0 187.4
 115 57.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 116.515 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138335.D
 Acq: 25 Jun 2024 15:35

Tgt Ion:112 Resp: 1578489
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.2 67.8
 63 28.5 22.9 34.3

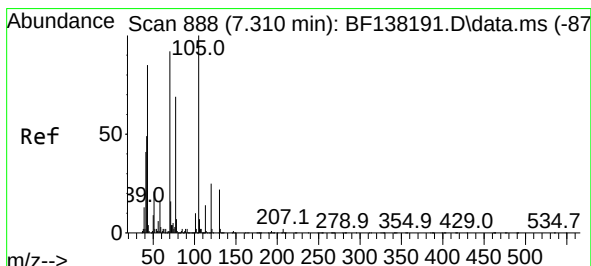
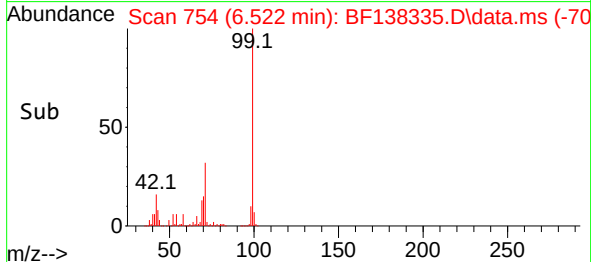
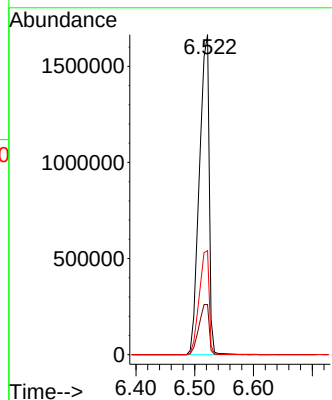
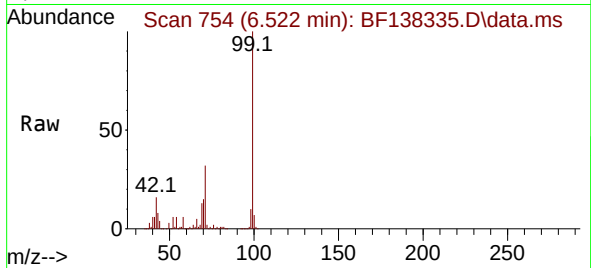




#7
Phenol-d6
Concen: 111.813 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

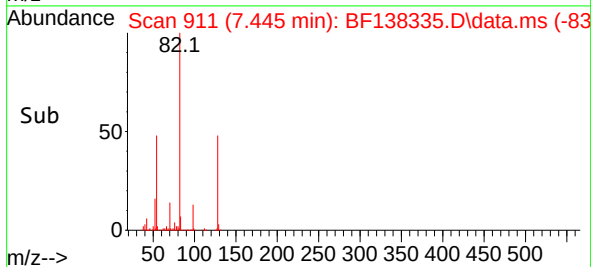
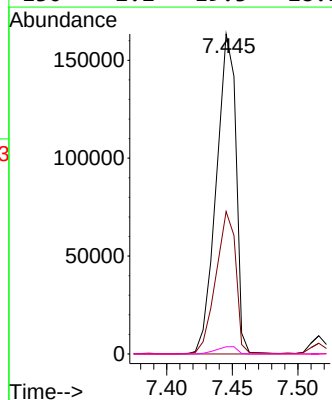
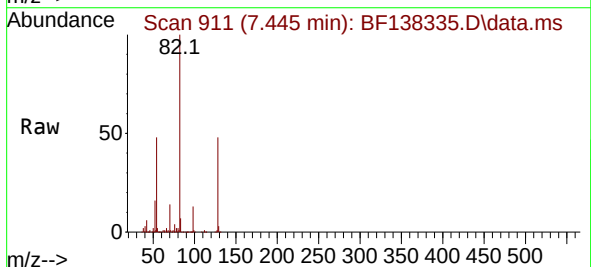
Instrument :
BNA_F
ClientSampleId :
VNJ-204

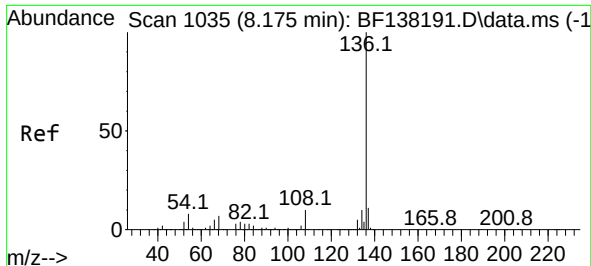
Tgt Ion: 99 Resp: 1920817
Ion Ratio Lower Upper
99 100
42 15.7 13.7 20.5
71 32.5 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.751 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Tgt Ion: 70 Resp: 170574
Ion Ratio Lower Upper
70 100
42 44.5 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#



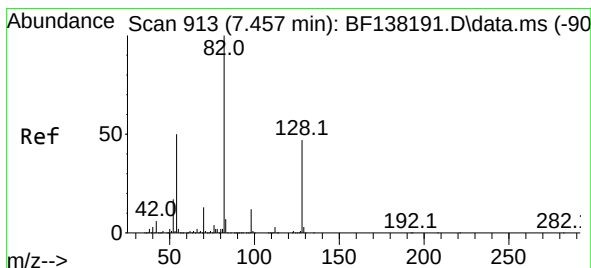
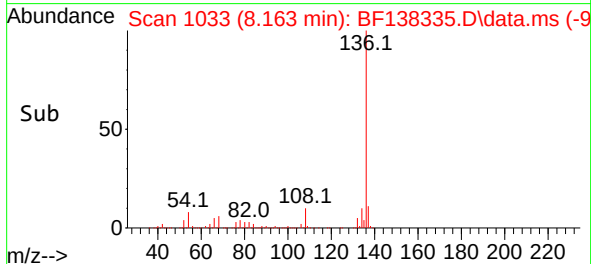
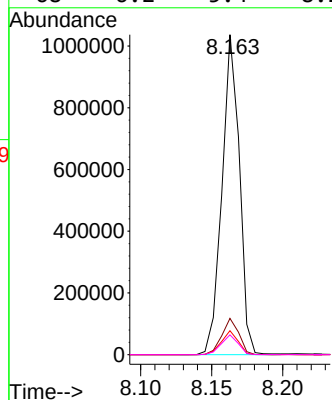
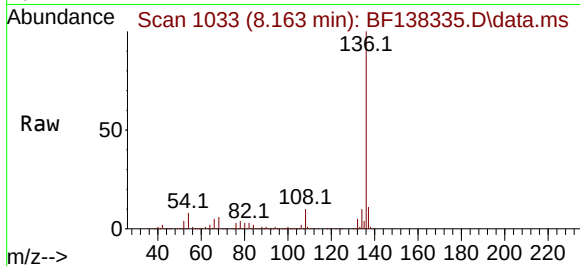


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:136 Resp: 882984

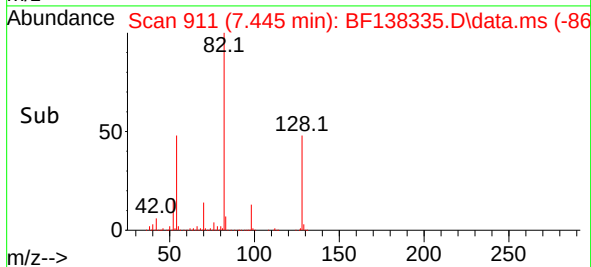
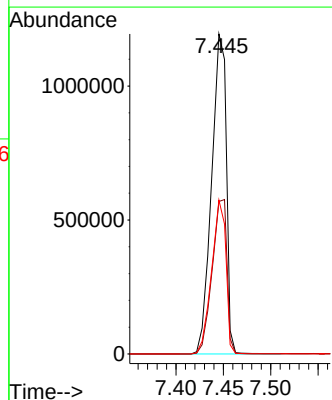
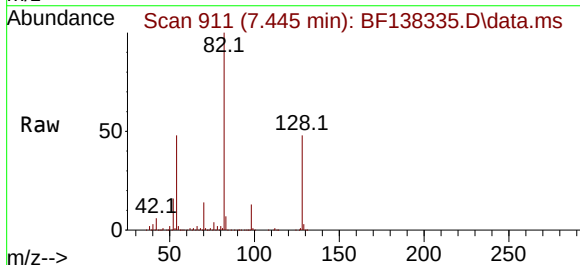
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.5	6.6	10.0
68	6.2	5.4	8.2

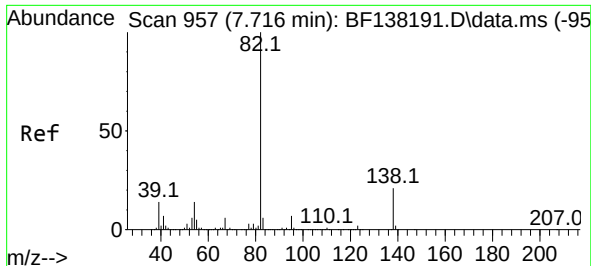


#23
Nitrobenzene-d5
Concen: 84.804 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Tgt Ion: 82 Resp: 1286240

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.2	55.8
54	48.1	39.8	59.6

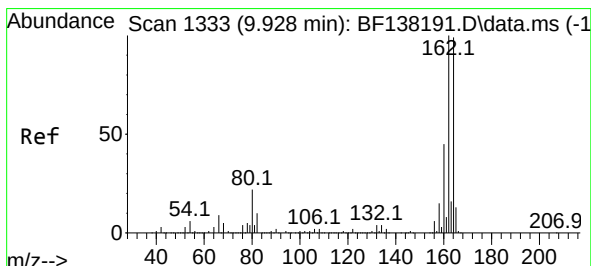
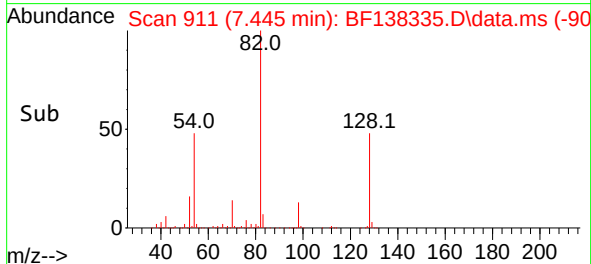
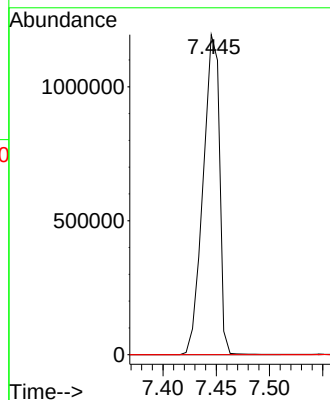
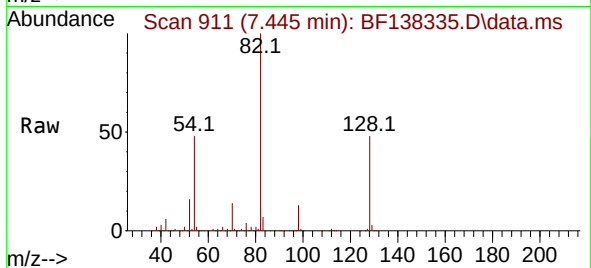




#25
Isophorone
Concen: 46.820 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

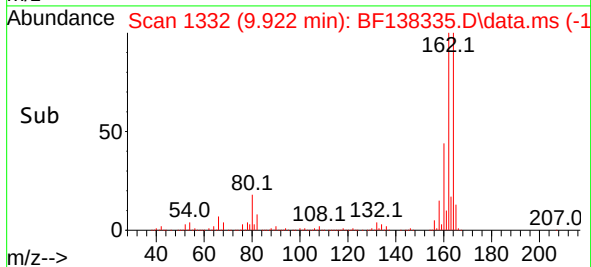
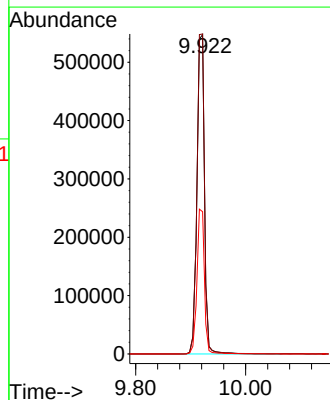
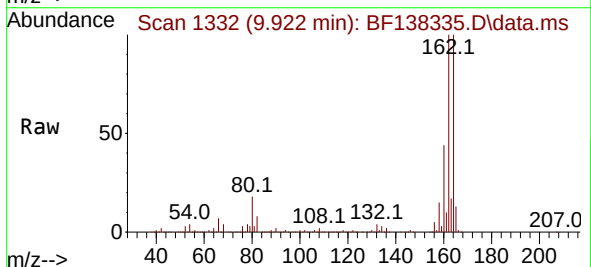
Instrument :
BNA_F
ClientSampleId :
VNJ-204

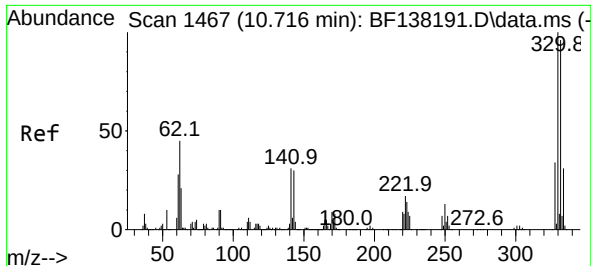
Tgt Ion: 82 Resp: 1284486
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Tgt Ion:164 Resp: 517030
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 150.040 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138335.D

Acq: 25 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

VNJ-204

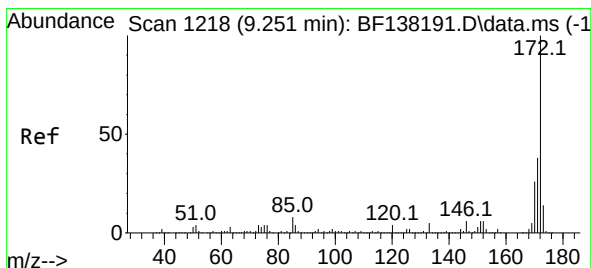
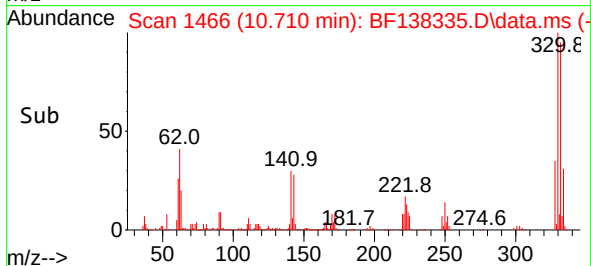
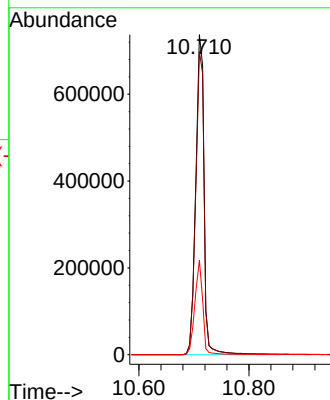
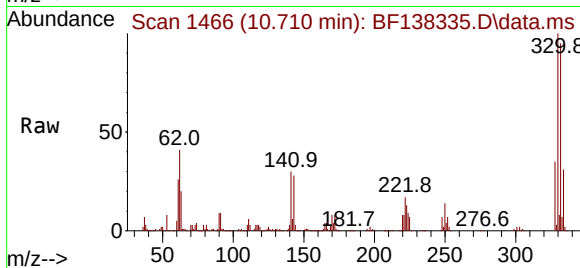
Tgt Ion:330 Resp: 772277

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 28.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.081 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138335.D

Acq: 25 Jun 2024 15:35

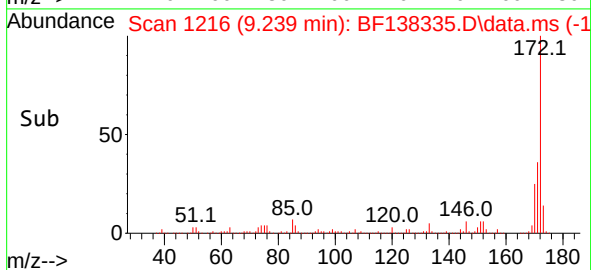
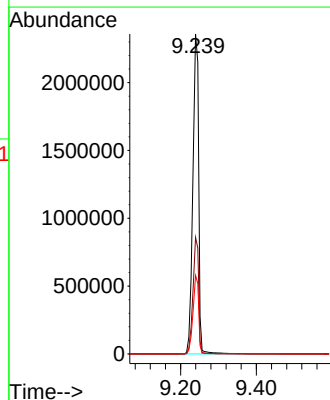
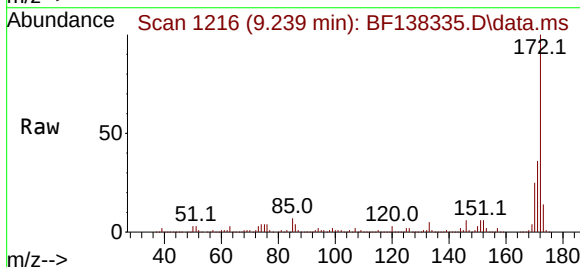
Tgt Ion:172 Resp: 2506242

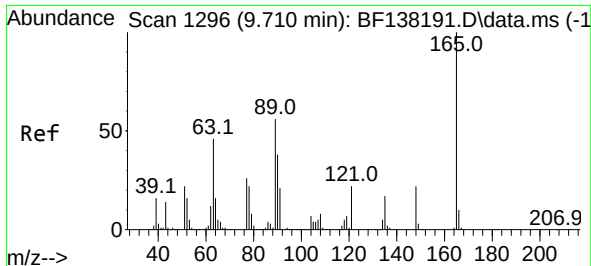
Ion Ratio Lower Upper

172 100

171 36.5 30.3 45.5

170 24.6 20.6 30.8

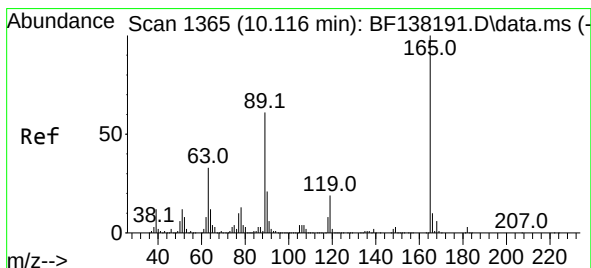
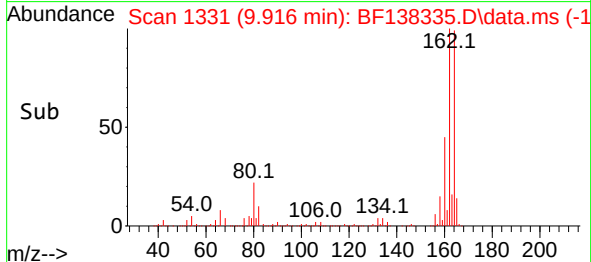
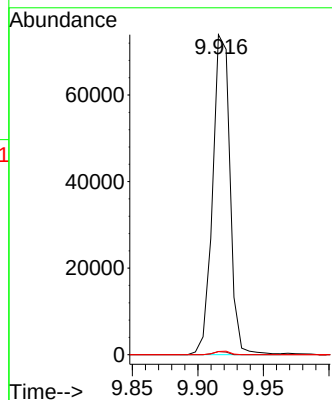
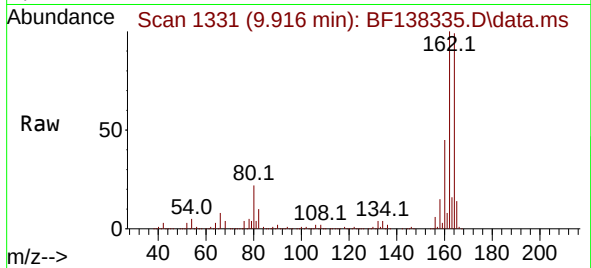




#51
2,6-Dinitrotoluene
Concen: 9.915 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

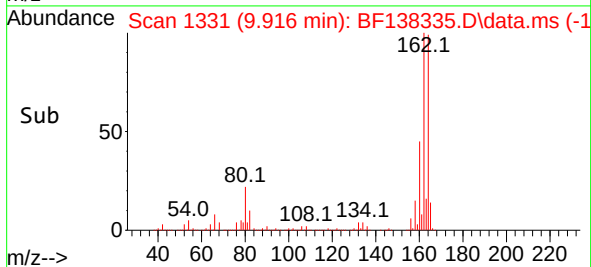
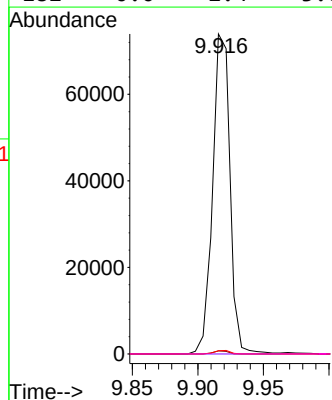
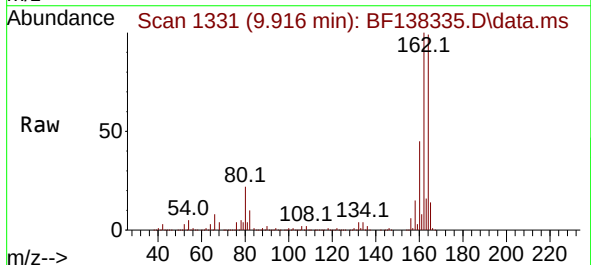
Instrument :
BNA_F
ClientSampleId :
VNJ-204

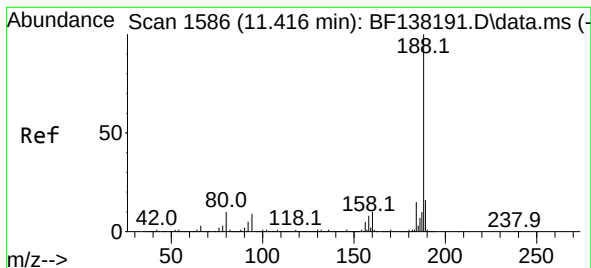
Tgt Ion:165 Resp: 68143
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.039 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Tgt Ion:165 Resp: 68143
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.0 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: BF138335.D

Acq: 25 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

VNJ-204

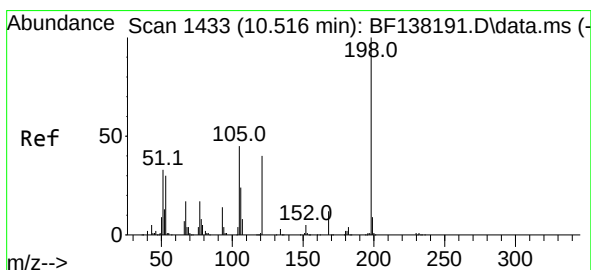
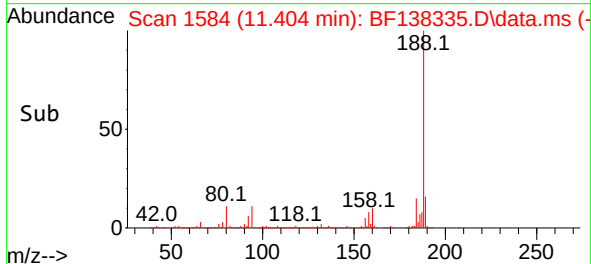
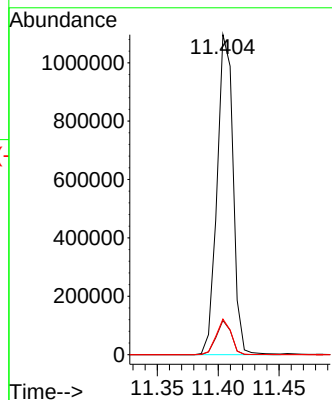
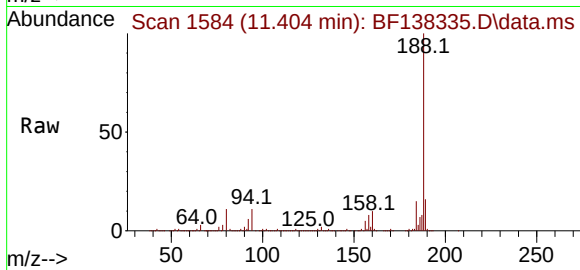
Tgt Ion:188 Resp: 1003076

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.199 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138335.D

Acq: 25 Jun 2024 15:35

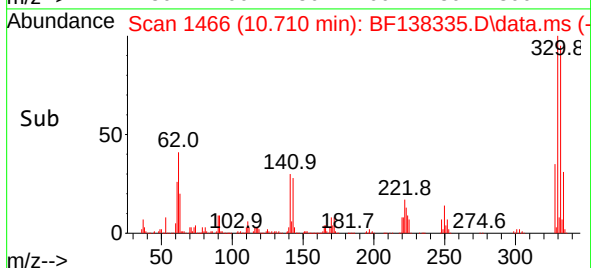
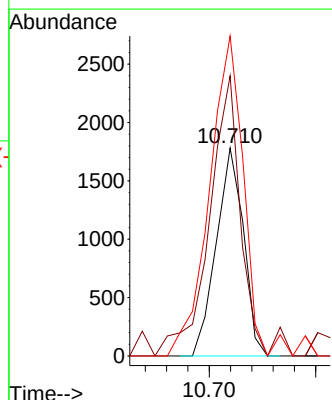
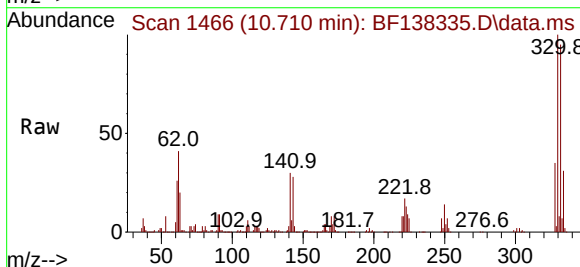
Tgt Ion:198 Resp: 1579

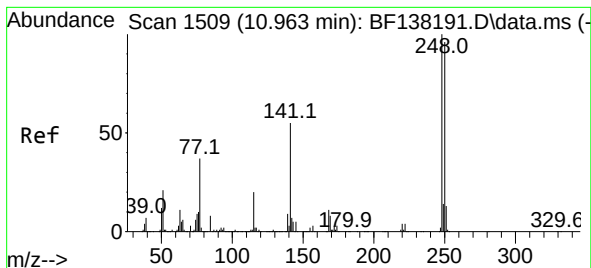
Ion Ratio Lower Upper

198 100

51 134.7 26.9 66.9#

105 153.8 26.0 66.0#

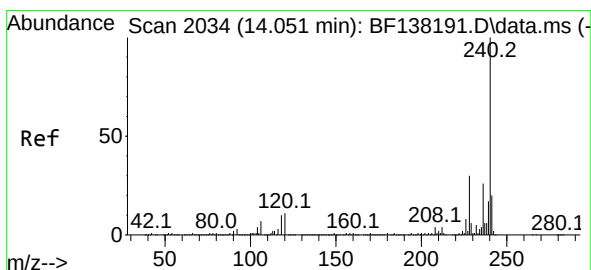
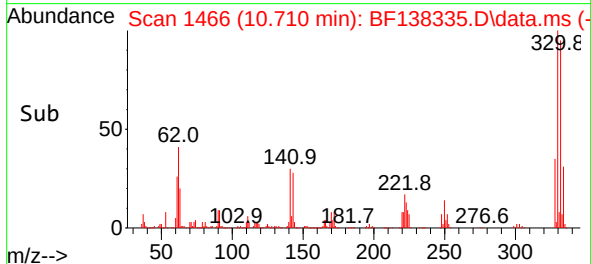
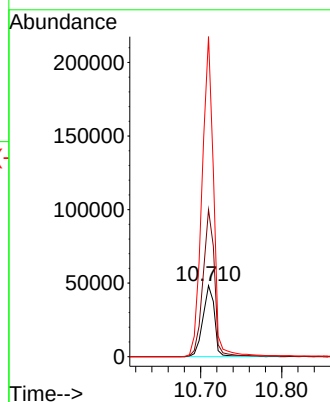
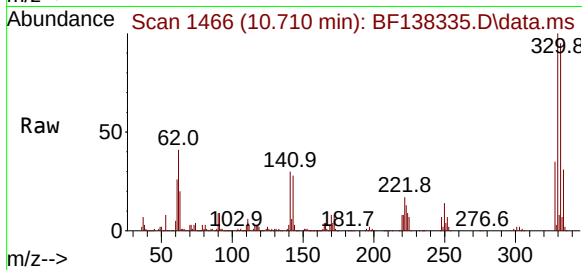




#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

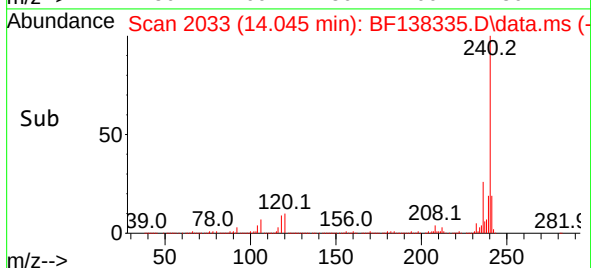
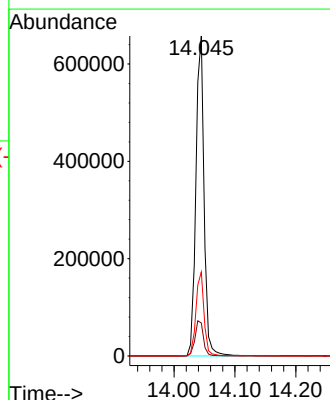
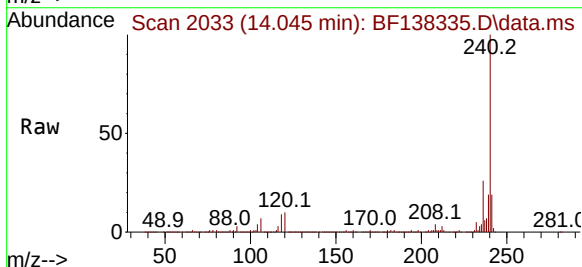
Instrument :
BNA_F
ClientSampleId :
VNJ-204

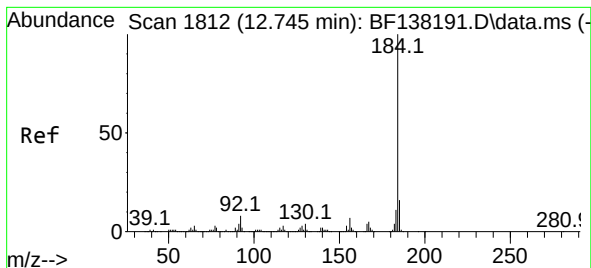
Tgt Ion:248 Resp: 48538
Ion Ratio Lower Upper
248 100
250 207.0 77.2 115.8#
141 450.3 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Tgt Ion:240 Resp: 614623
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.2 21.0 31.6





#77

Benzidine

Concen: 6.259 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF138335.D

Acq: 25 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

VNJ-204

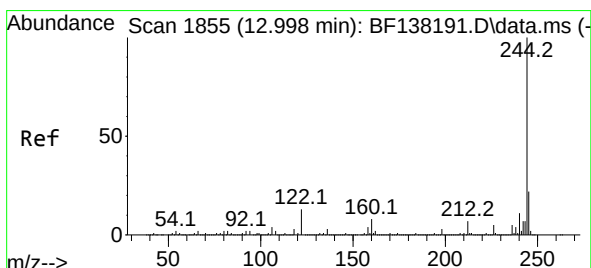
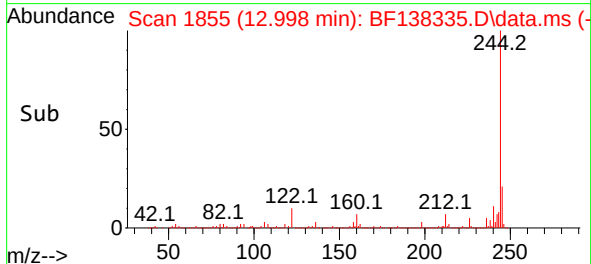
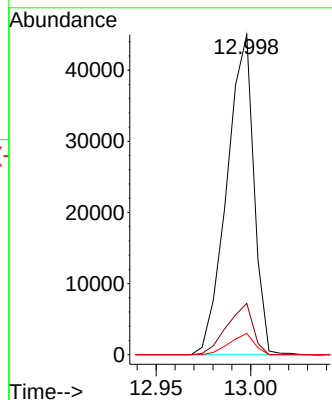
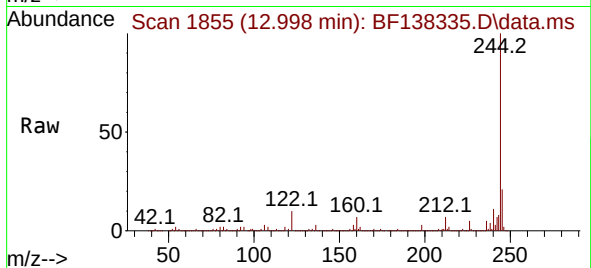
Tgt Ion:184 Resp: 44497

Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

183 6.6 9.0 13.6#



#79

Terphenyl-d14

Concen: 88.243 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138335.D

Acq: 25 Jun 2024 15:35

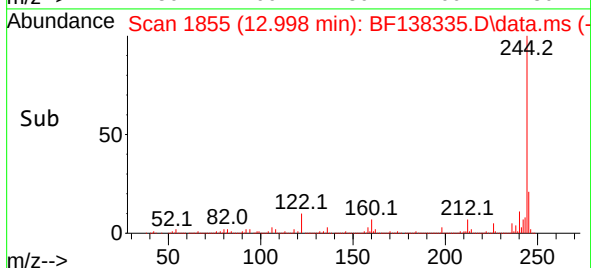
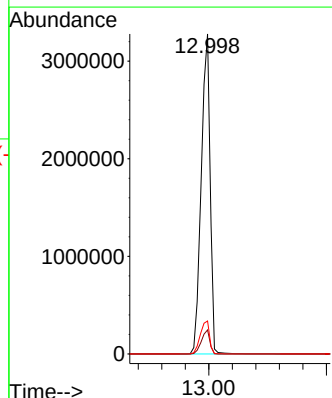
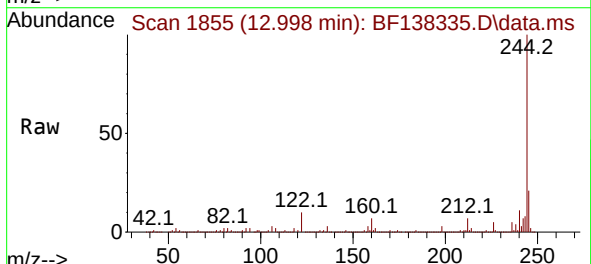
Tgt Ion:244 Resp: 3424381

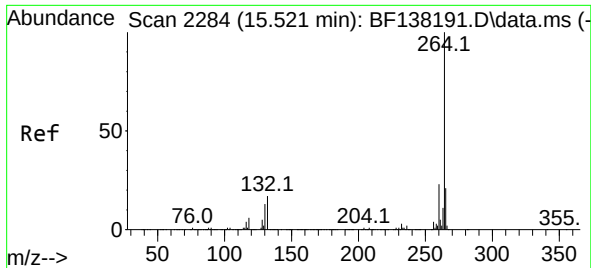
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 10.3 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138335.D
Acq: 25 Jun 2024 15:35

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:264 Resp: 569247
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.9 17.0 25.6

