

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138305.D
 Acq On : 24 Jun 2024 12:37
 Operator : CG\JU
 Sample : PB161589TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161589TB

Quant Time: Jun 24 13:00:14 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)

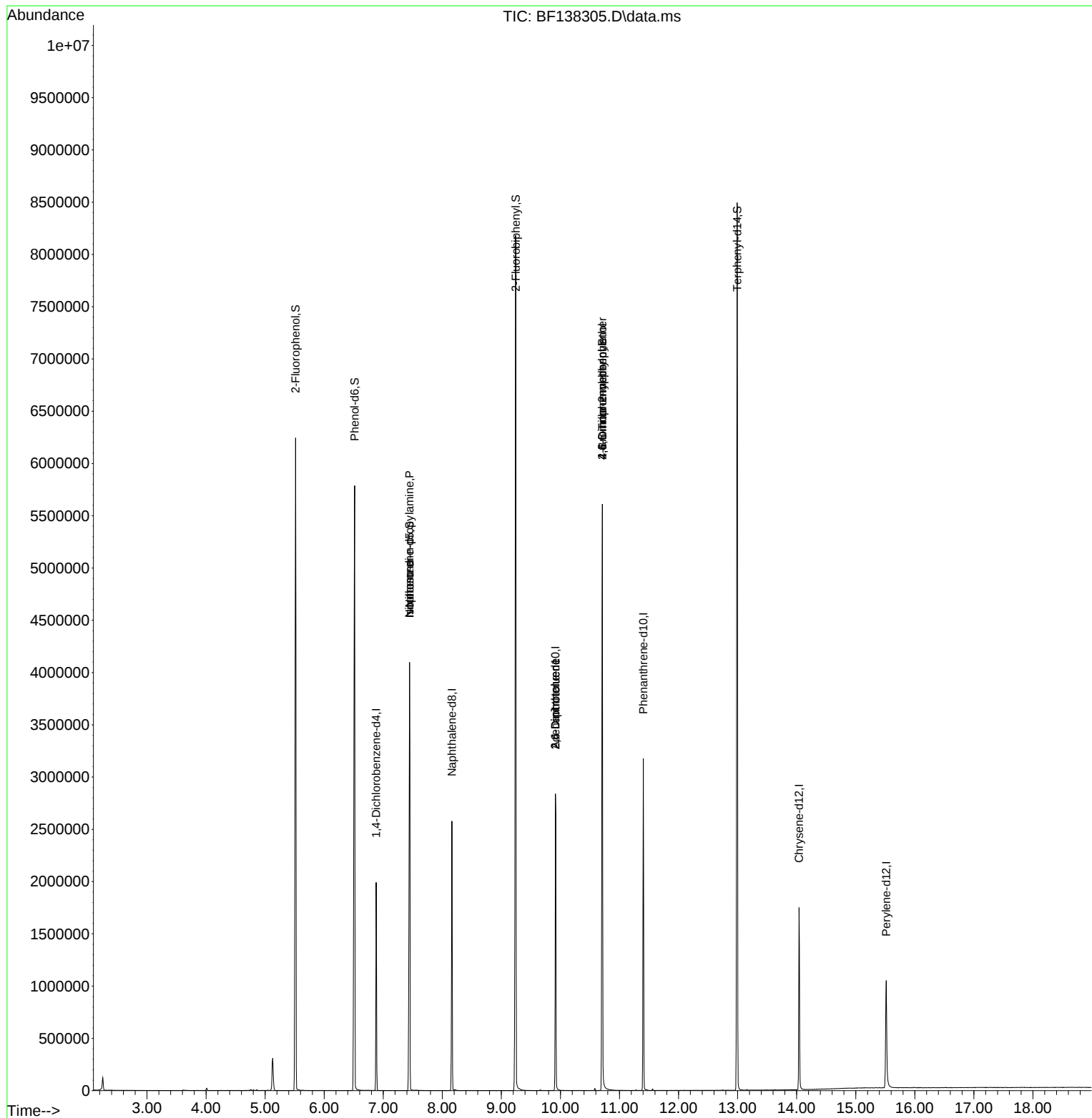
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	279015	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1097180	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	617558	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1099670	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	599777	20.000	ng	-0.01
86) Perylene-d12	15.515	264	571485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2067294	123.944	ng	0.00
7) Phenol-d6	6.516	99	2493875	117.914	ng	0.00
23) Nitrobenzene-d5	7.445	82	1591139	84.426	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	782223	127.234	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3008621	77.469	ng	0.00
79) Terphenyl-d14	12.992	244	3369868	88.988	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	210114	16.760	ng	# 76
25) Isophorone	7.445	82	1585009	46.495	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	81409	9.917	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	81475	8.047	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1761	7.203	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	49046	3.958	ng	# 1

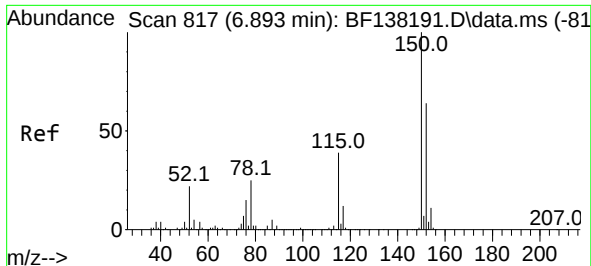
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 24 13:00:14 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

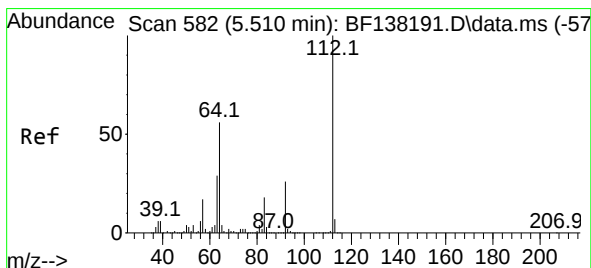
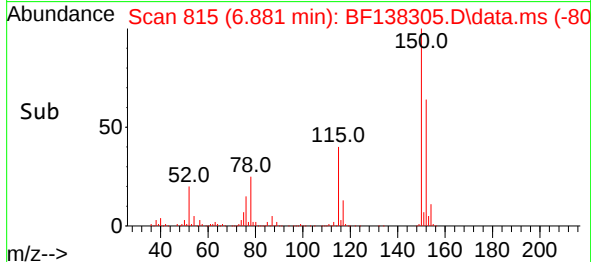
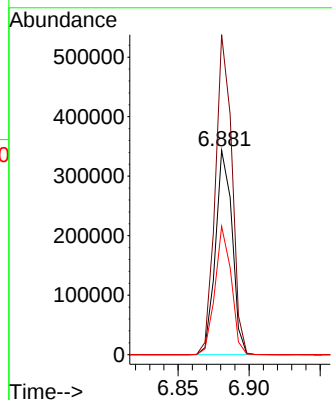
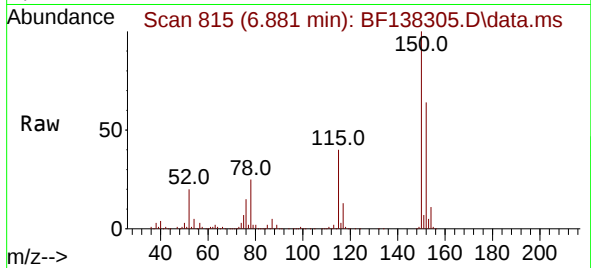




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

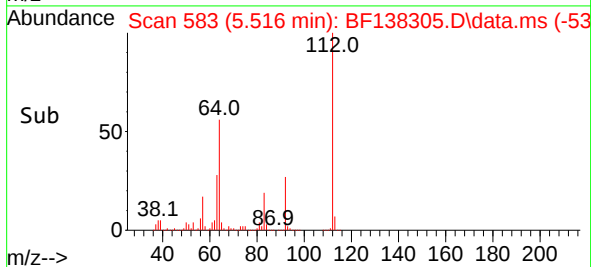
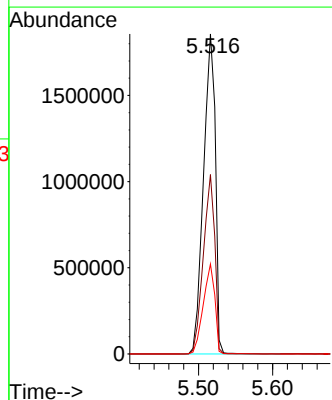
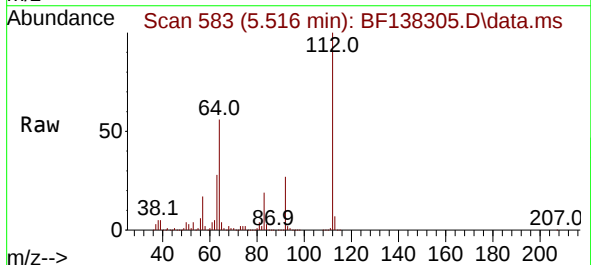
Instrument :
BNA_F
ClientSampleId :
PB161589TB

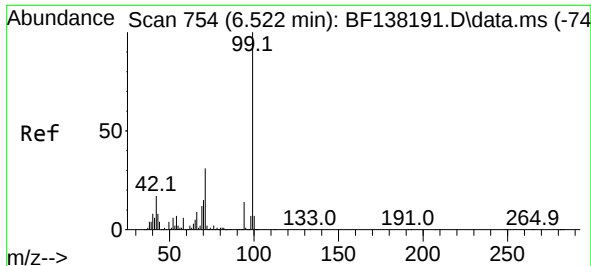
Tgt Ion:152 Resp: 279015
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 62.8 48.4 72.6



#5
2-Fluorophenol
Concen: 123.944 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion:112 Resp: 2067294
Ion Ratio Lower Upper
112 100
64 56.0 45.2 67.8
63 28.1 22.9 34.3

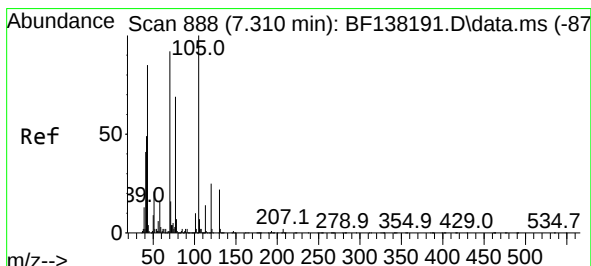
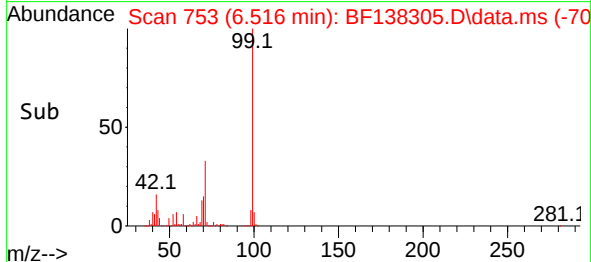
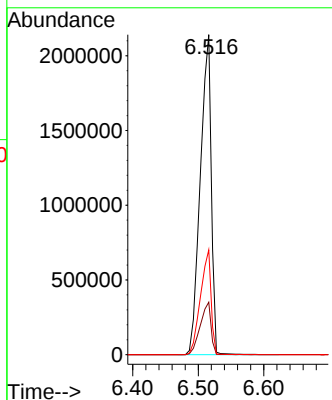
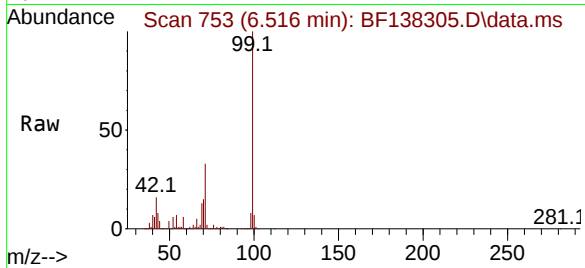




#7
Phenol-d6
Concen: 117.914 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

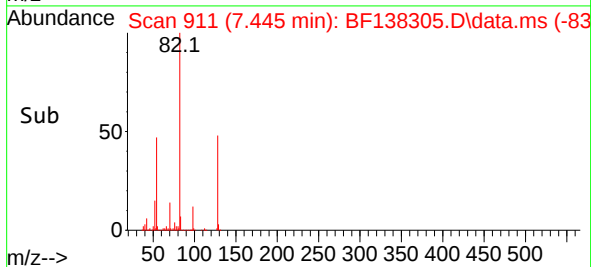
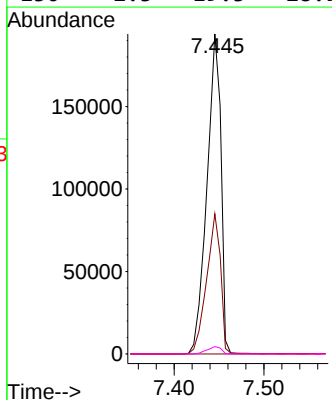
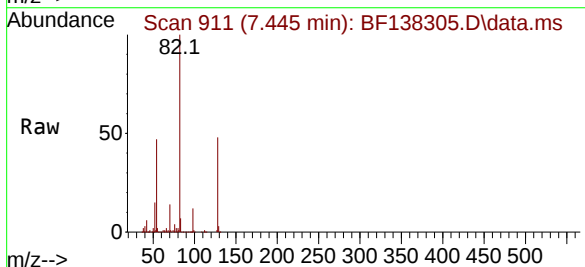
Instrument :
BNA_F
ClientSampleId :
PB161589TB

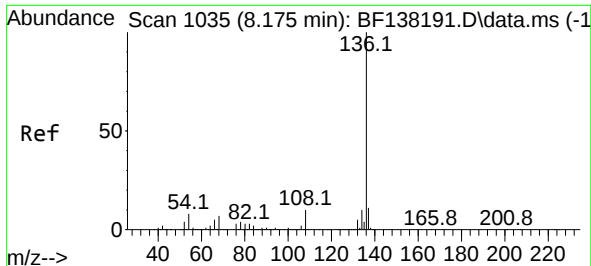
Tgt Ion: 99 Resp: 2493875
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 32.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.760 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion: 70 Resp: 210114
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

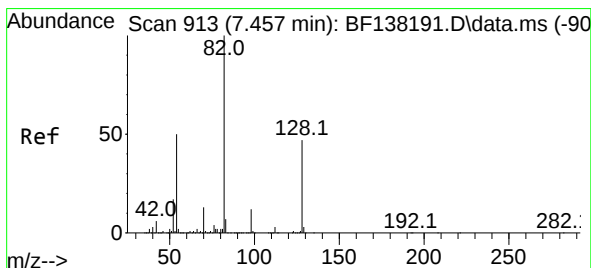
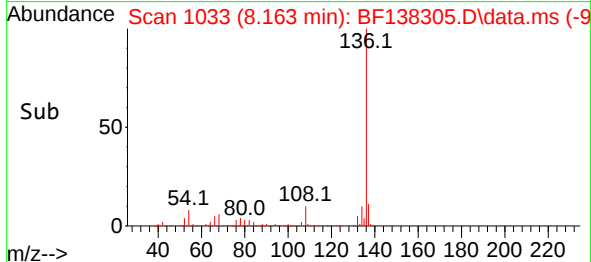
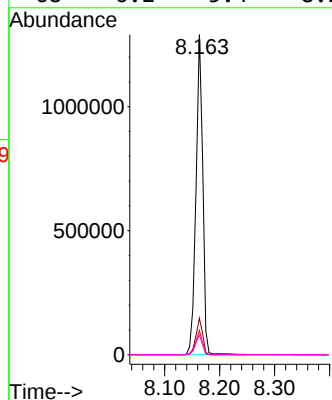
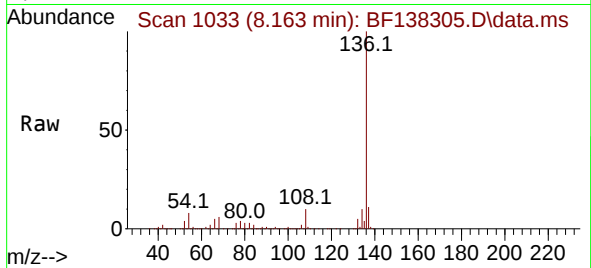




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

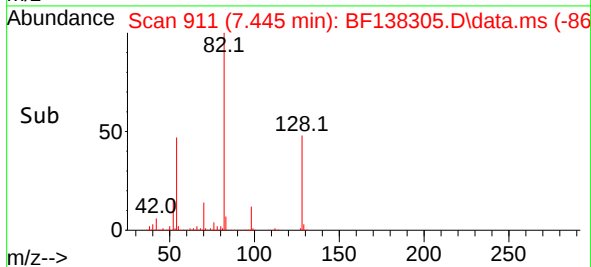
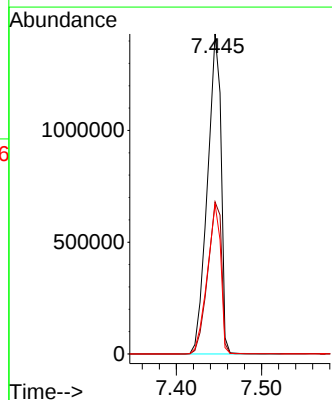
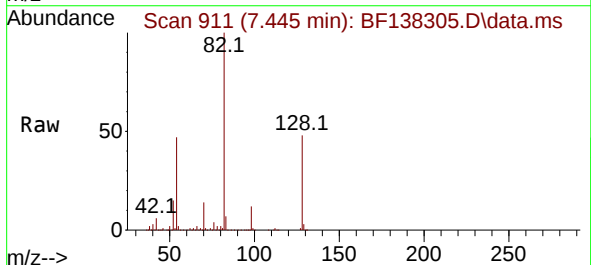
Instrument :
BNA_F
ClientSampleId :
PB161589TB

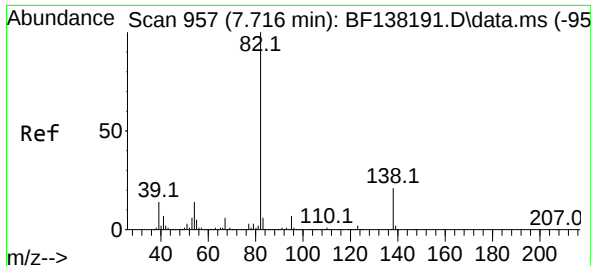
Tgt Ion:136 Resp: 1097180
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.6 10.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 84.426 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion: 82 Resp: 1591139
Ion Ratio Lower Upper
82 100
128 47.5 37.2 55.8
54 46.9 39.8 59.6

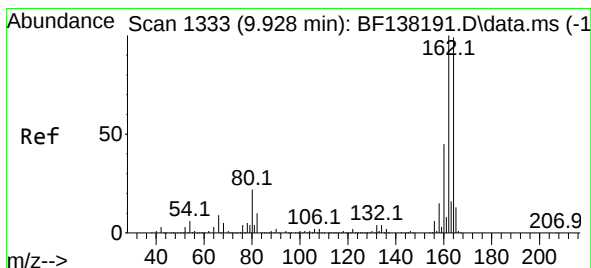
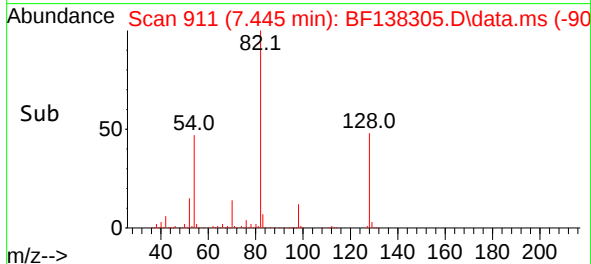
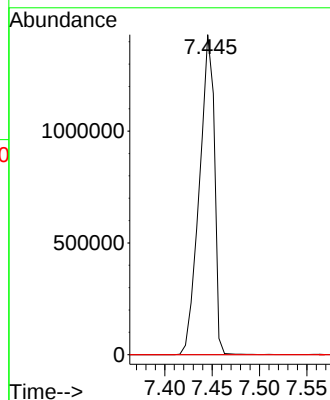
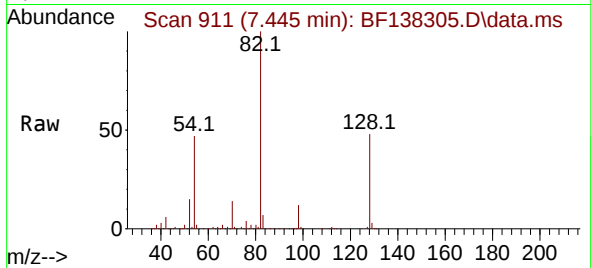




#25
Isophorone
Concen: 46.495 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

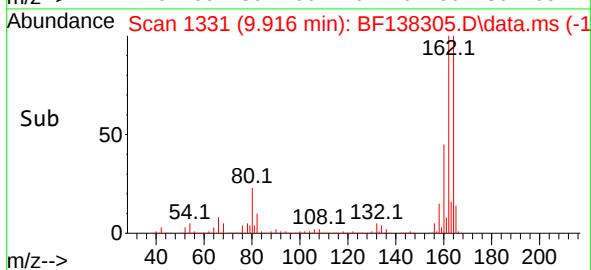
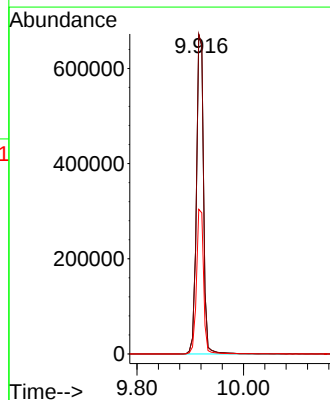
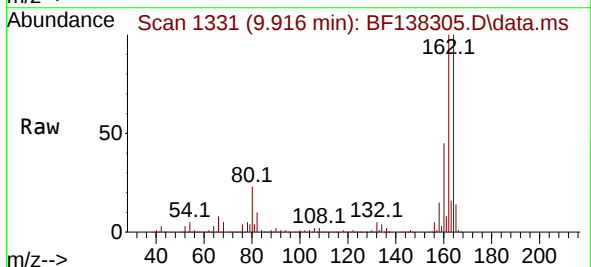
Instrument :
BNA_F
ClientSampleId :
PB161589TB

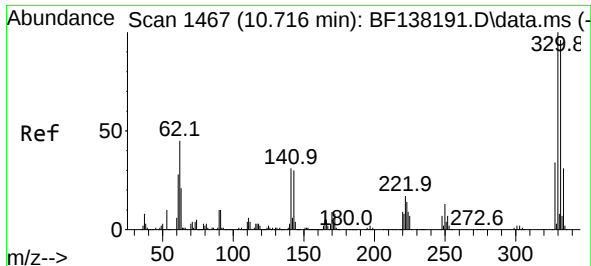
Tgt Ion: 82 Resp: 1585009
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion: 164 Resp: 617558
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 127.234 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB161589TB

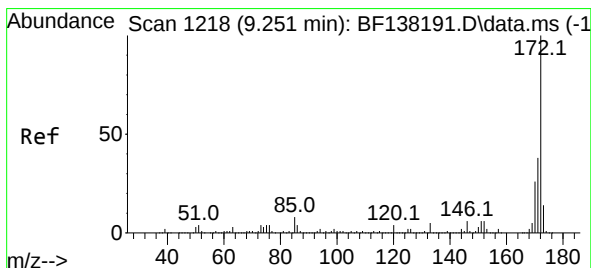
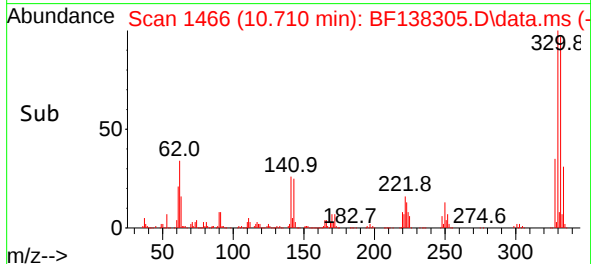
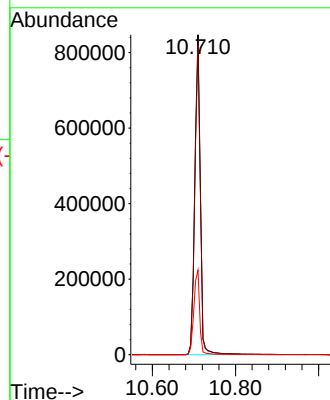
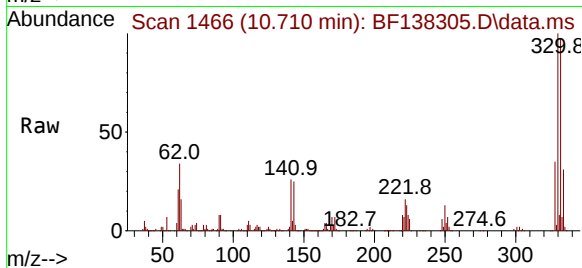
Tgt Ion:330 Resp: 782223

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 28.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.469 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

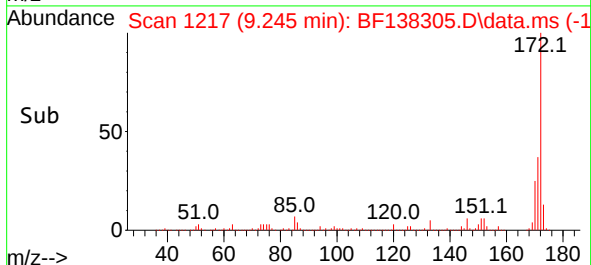
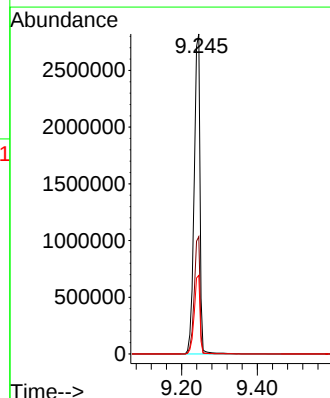
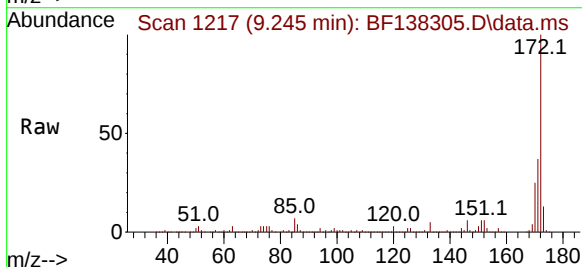
Tgt Ion:172 Resp: 3008621

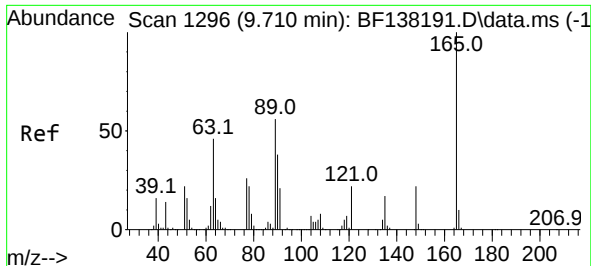
Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

170 24.6 20.6 30.8

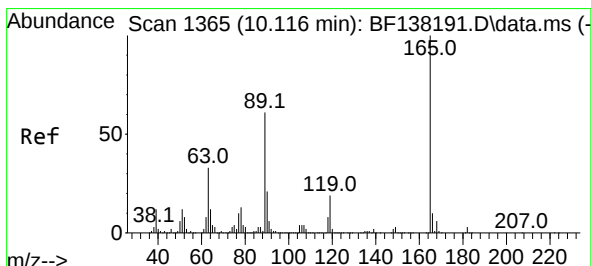
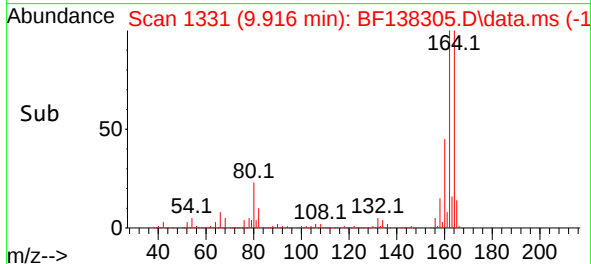
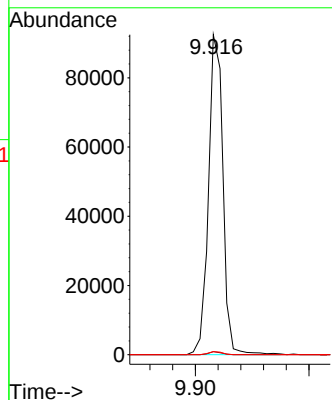
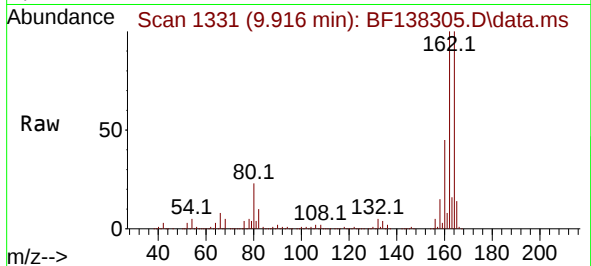




#51
2,6-Dinitrotoluene
Concen: 9.917 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

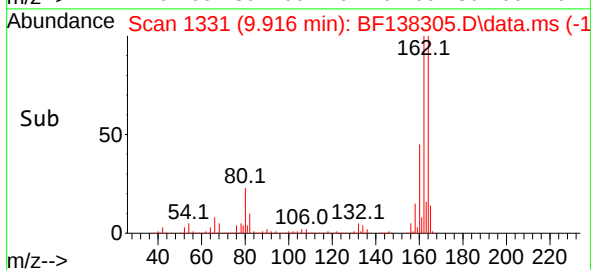
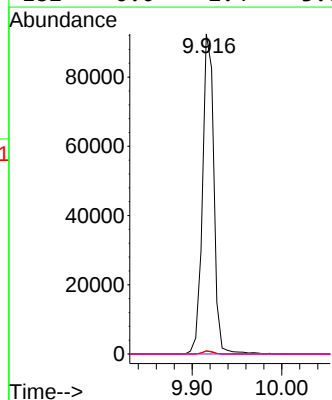
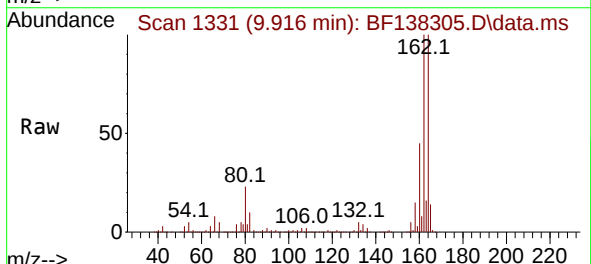
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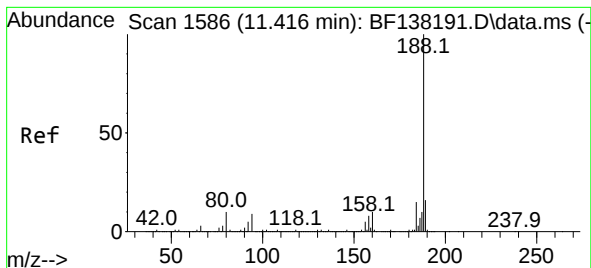
Tgt Ion:165 Resp: 81409
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.047 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion:165 Resp: 81475
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: BF138305.D

Acq: 24 Jun 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB161589TB

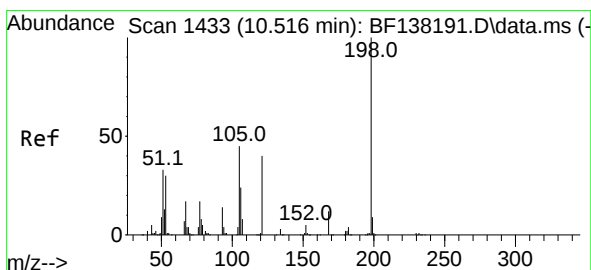
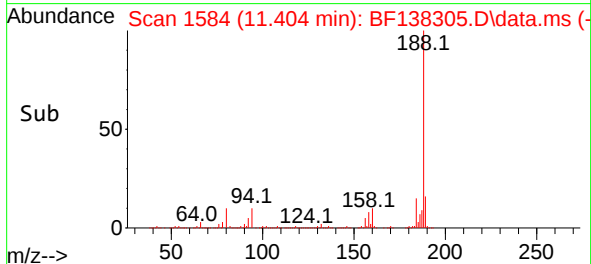
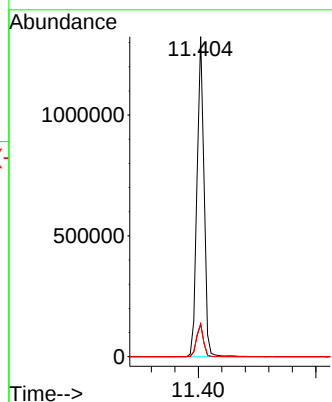
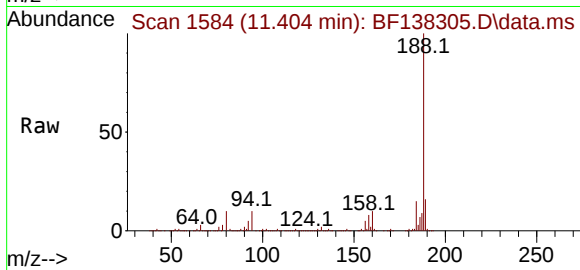
Tgt Ion:188 Resp: 1099670

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.203 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

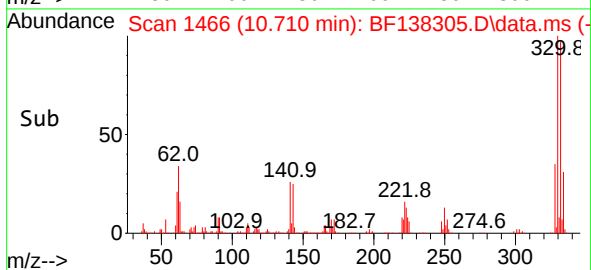
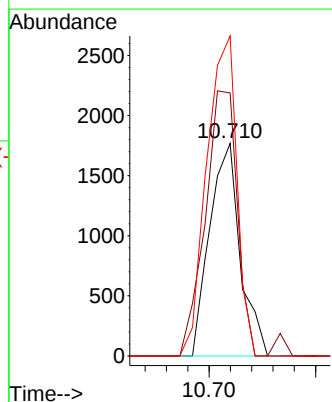
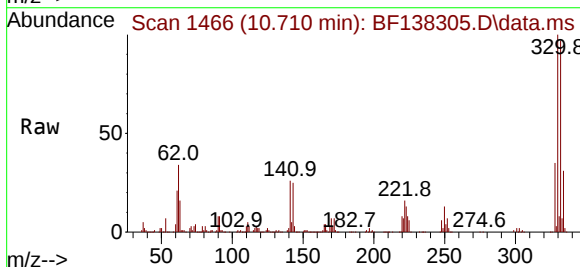
Tgt Ion:198 Resp: 1761

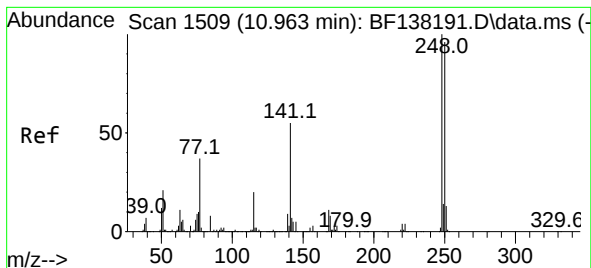
Ion Ratio Lower Upper

198 100

51 123.7 26.9 66.9#

105 150.5 26.0 66.0#

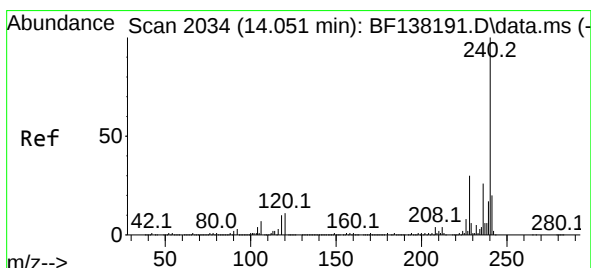
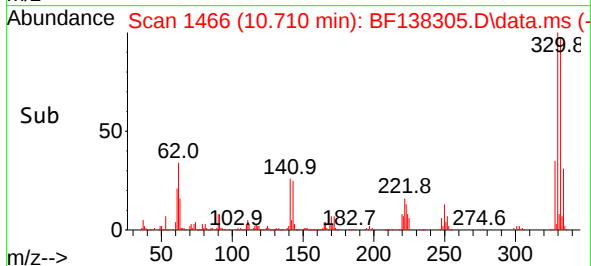
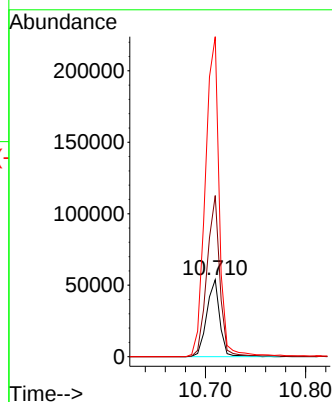
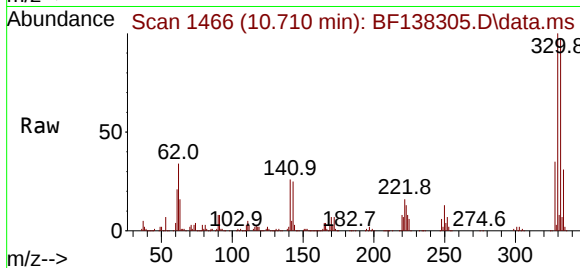




#67
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

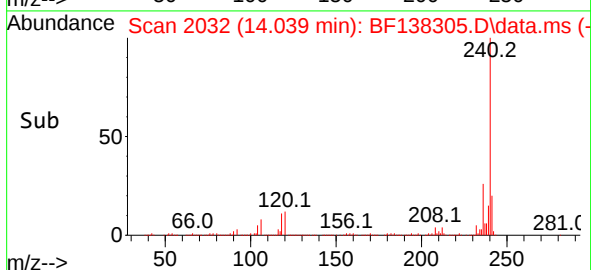
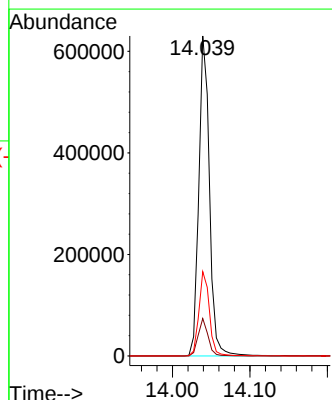
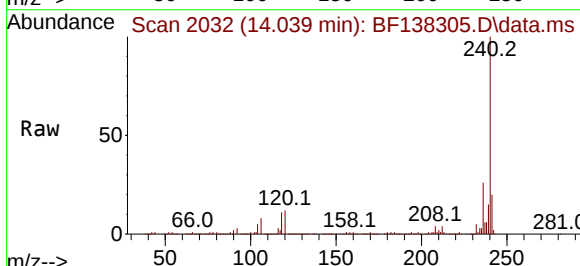
Instrument :
BNA_F
ClientSampleId :
PB161589TB

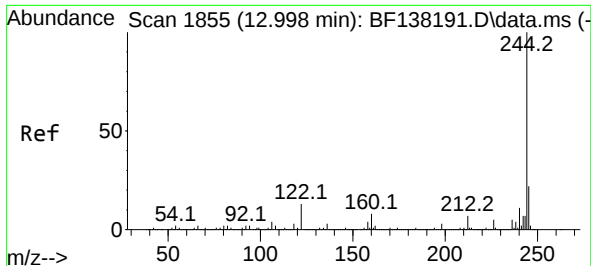
Tgt Ion:248 Resp: 49046
Ion Ratio Lower Upper
248 100
250 209.1 77.2 115.8#
141 415.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

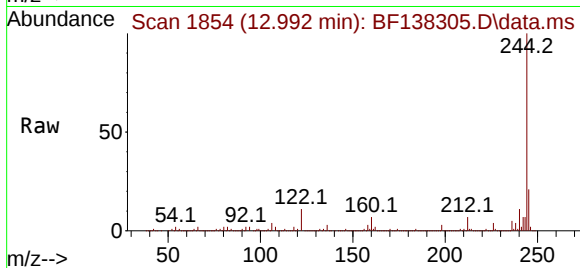
Tgt Ion:240 Resp: 599777
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.4 21.0 31.6





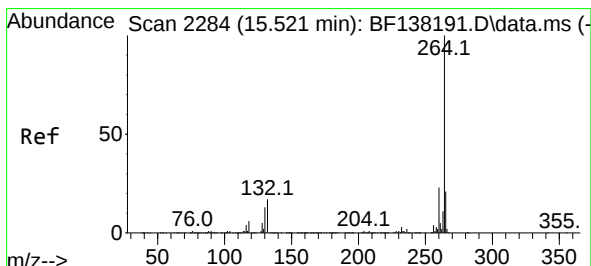
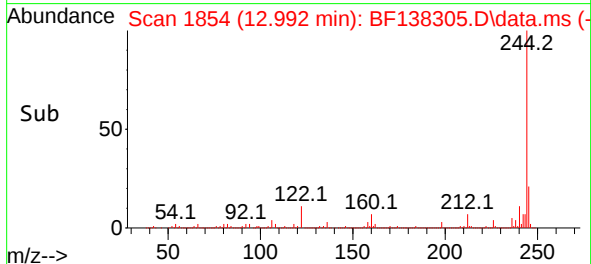
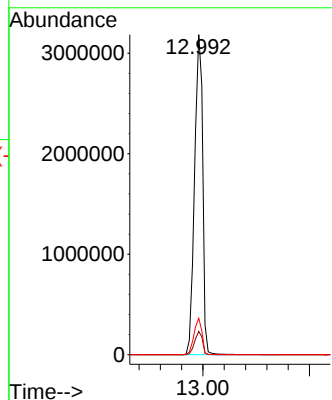
#79
 Terphenyl-d14
 Concen: 88.988 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138305.D
 Acq: 24 Jun 2024 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB161589TB



Tgt Ion:244 Resp: 3369868

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.4	10.6	15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138305.D
 Acq: 24 Jun 2024 12:37

Tgt Ion:264 Resp: 571485

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.2	17.0	25.6

