

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138615.D
 Acq On : 23 Jul 2024 13:25
 Operator : RC/JU
 Sample : PB162142BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 14:25:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

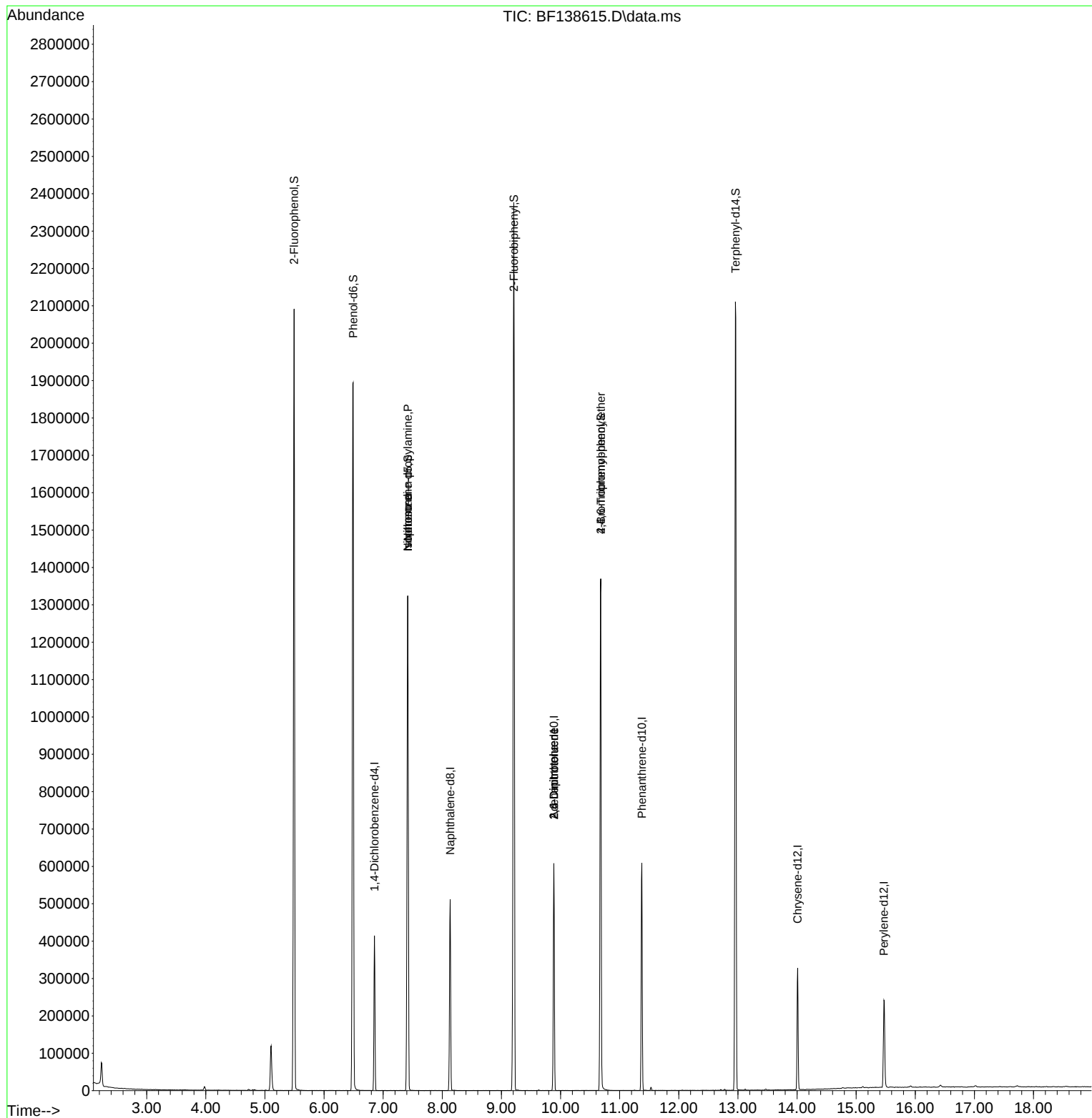
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78531	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	322119	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	177237	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	308800	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	145501	20.000	ng	-0.02
86) Perylene-d12	15.468	264	137557	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	726410	146.497	ng	0.00
7) Phenol-d6	6.493	99	951257	144.210	ng	-0.01
23) Nitrobenzene-d5	7.416	82	643790	98.127	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	229077	138.293	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1091264	96.229	ng	-0.02
79) Terphenyl-d14	12.963	244	1057588	118.414	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.416	70	88341	21.674	ng	# 71
25) Isophorone	7.416	82	643332	57.099	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	22372	8.478	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	22372	6.553	ng	# 19
67) 4-Bromophenyl-phenylether	10.681	248	15045	4.740	ng	# 1

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

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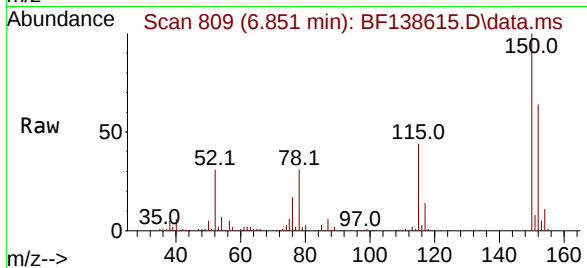
Quant Time: Jul 23 14:25:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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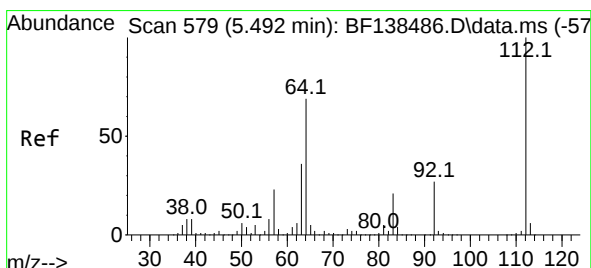
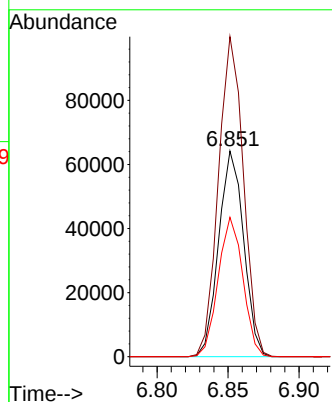
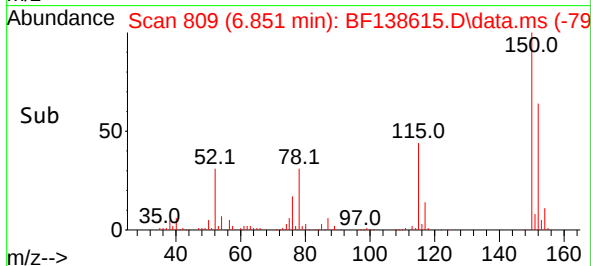


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

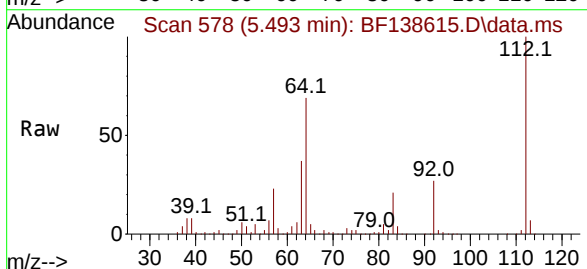
Instrument :
BNA_F
ClientSampleId :



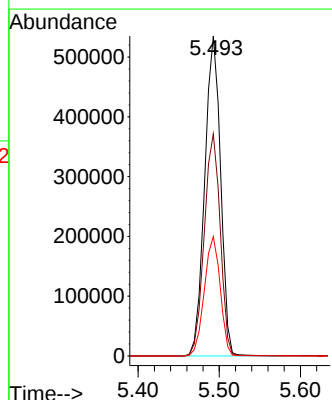
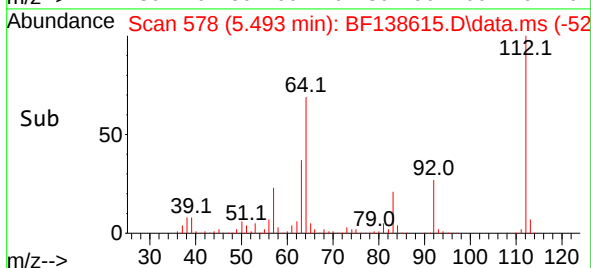
Tgt Ion:152 Resp: 78531
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 67.8 50.3 75.5



#5
2-Fluorophenol
Concen: 146.497 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25



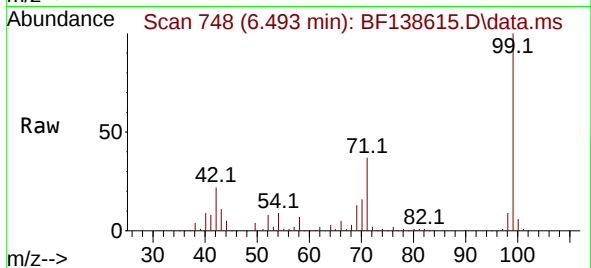
Tgt Ion:112 Resp: 726410
Ion Ratio Lower Upper
112 100
64 69.4 55.1 82.7
63 37.3 29.0 43.6



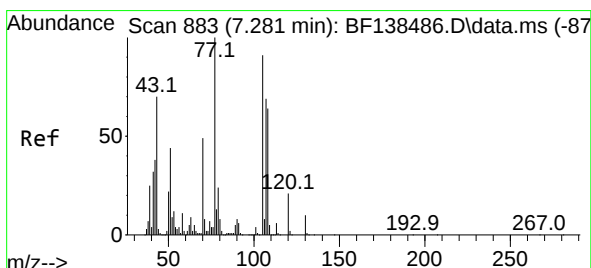
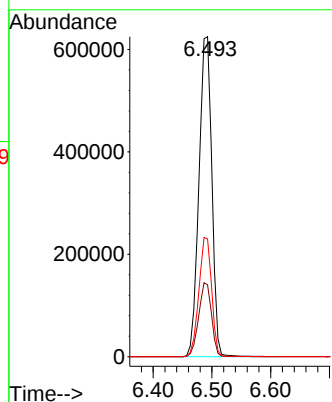
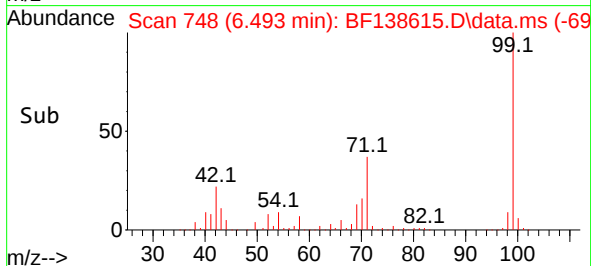


#7
Phenol-d6
Concen: 144.210 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

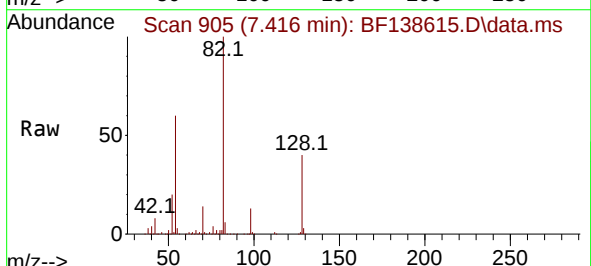
Instrument :
BNA_F
ClientSampleId :



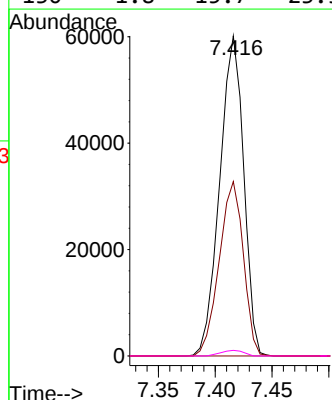
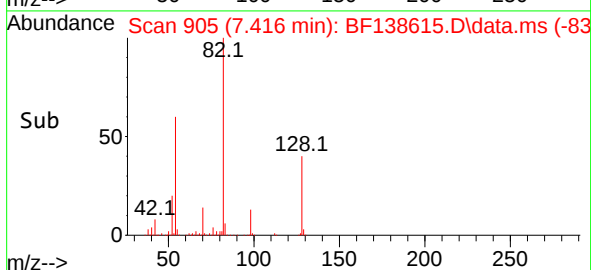
Tgt Ion: 99 Resp: 951257
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.8 29.9 44.9

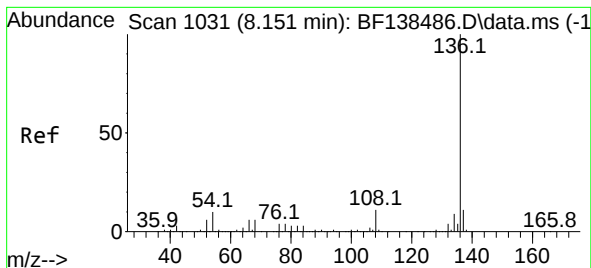


#19
n-Nitroso-di-n-propylamine
Concen: 21.674 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25



Tgt Ion: 70 Resp: 88341
Ion Ratio Lower Upper
70 100
42 54.5 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.017 min

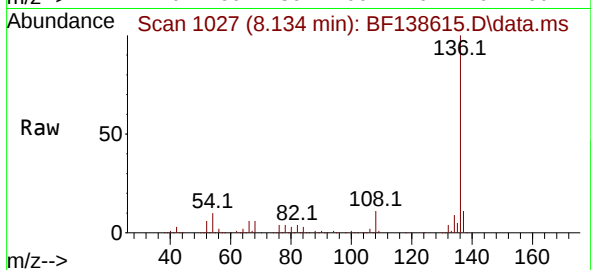
Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 322119

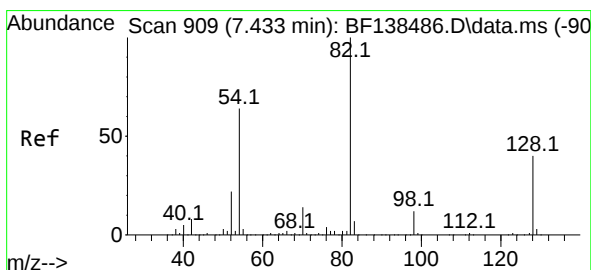
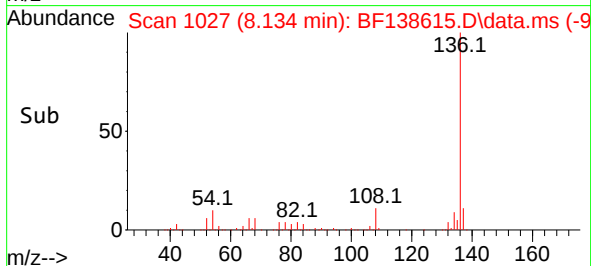
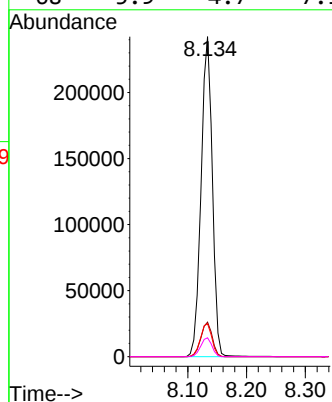
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.3 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 98.127 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

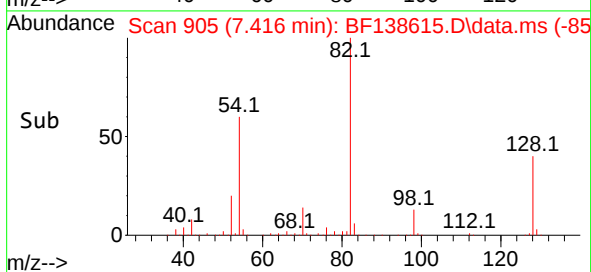
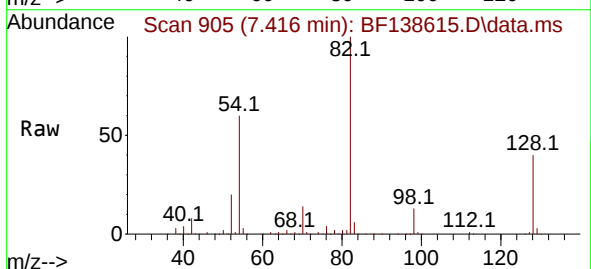
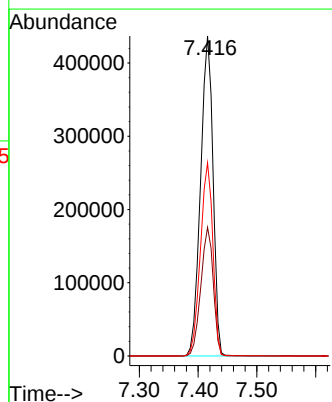
Tgt Ion: 82 Resp: 643790

Ion Ratio Lower Upper

82 100

128 40.2 32.3 48.5

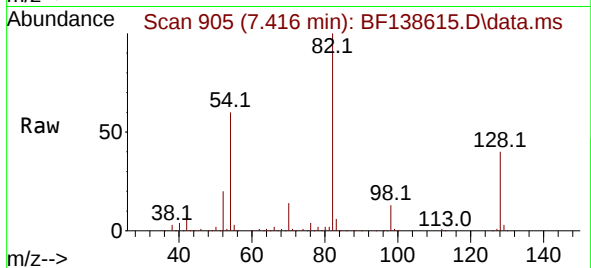
54 60.4 51.4 77.0



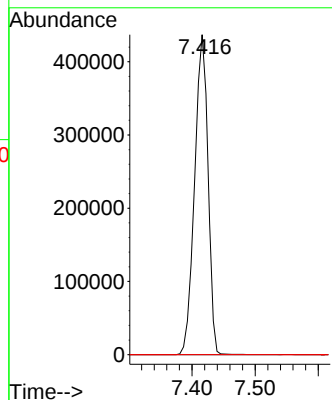
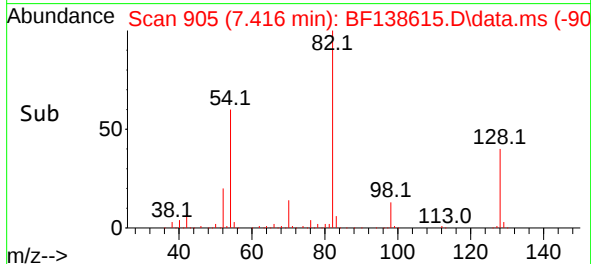


#25
Isophorone
Concen: 57.099 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

Instrument :
BNA_F
ClientSampleId :

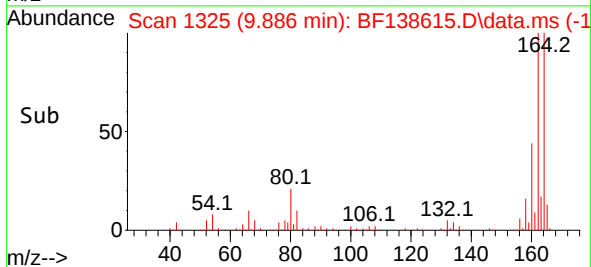
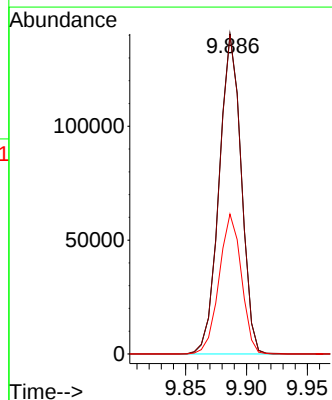
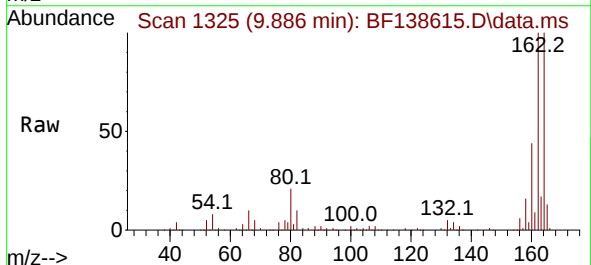


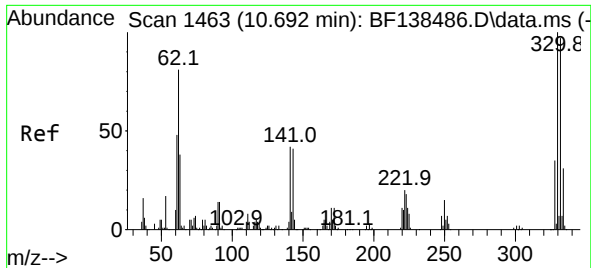
Tgt Ion: 82 Resp: 643332
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

Tgt Ion:164 Resp: 177237
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 138.293 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.012 min

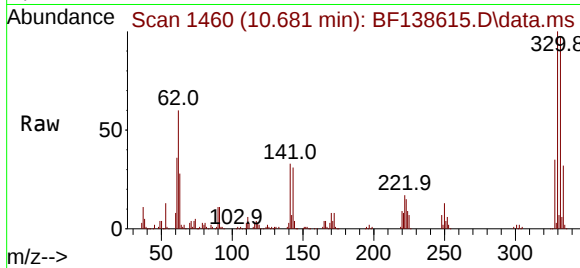
Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

Instrument :

BNA_F

ClientSampleId :



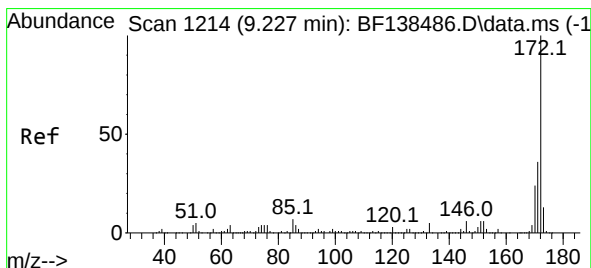
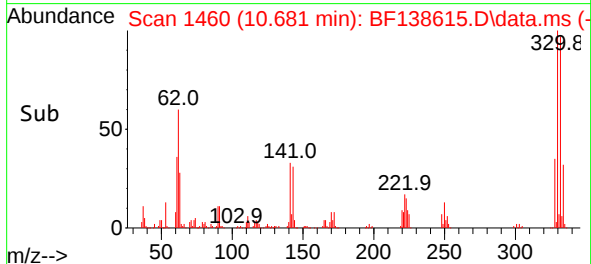
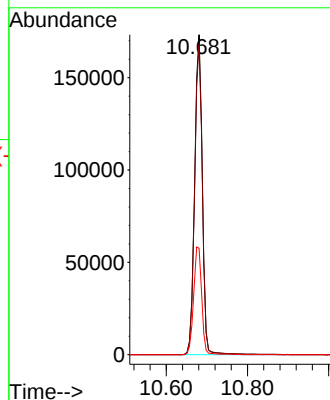
Tgt Ion:330 Resp: 229077

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 35.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 96.229 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.017 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

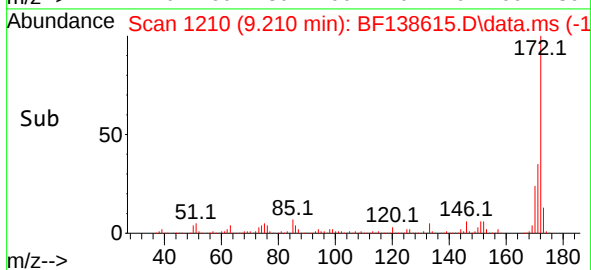
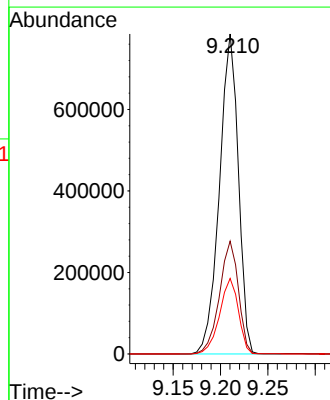
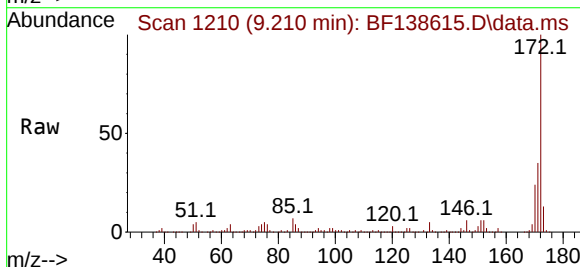
Tgt Ion:172 Resp: 1091264

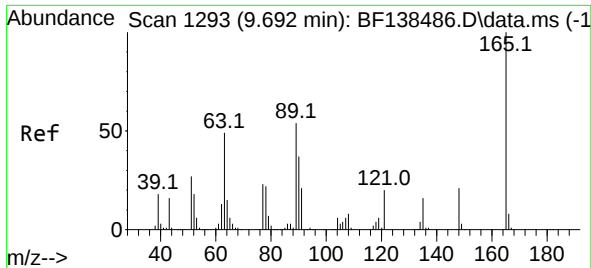
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.6 18.9 28.3

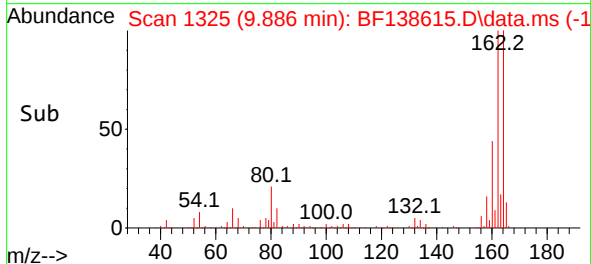
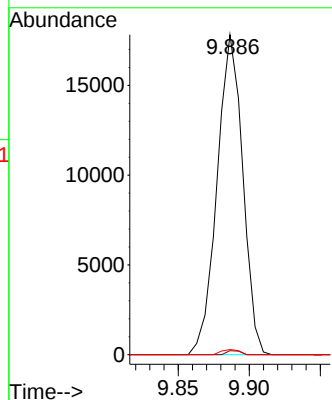
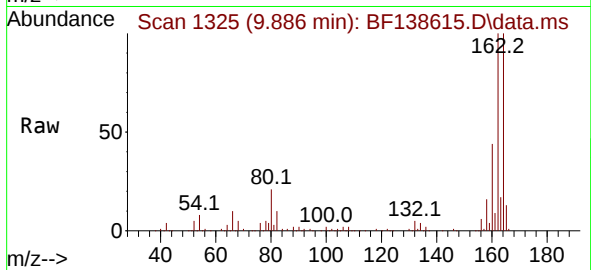




#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

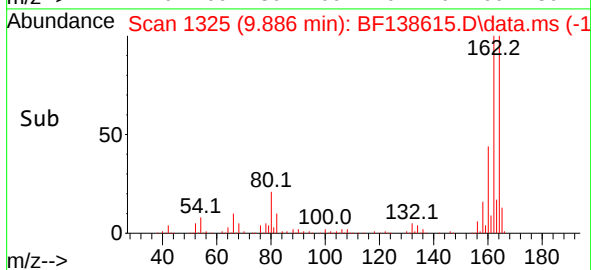
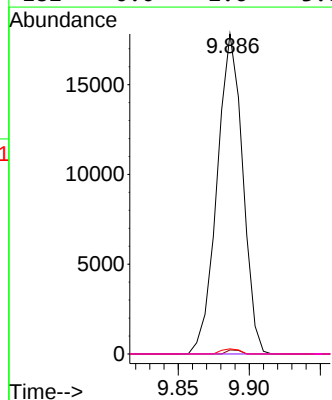
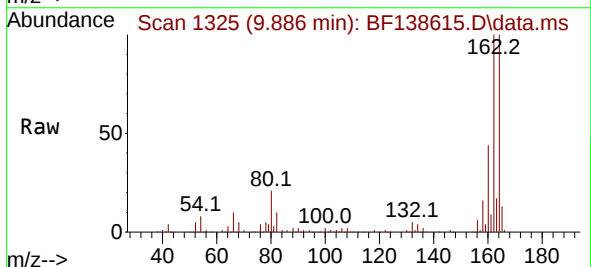
Instrument :
BNA_F
ClientSampleId :

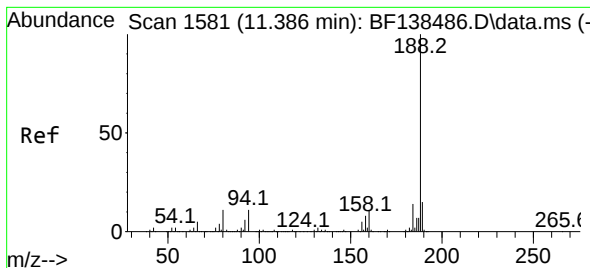
Tgt Ion:165 Resp: 22372
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.6 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.553 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

Tgt Ion:165 Resp: 22372
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.6 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

Instrument :

BNA_F

ClientSampleId :

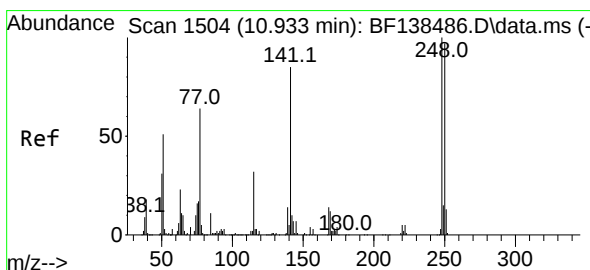
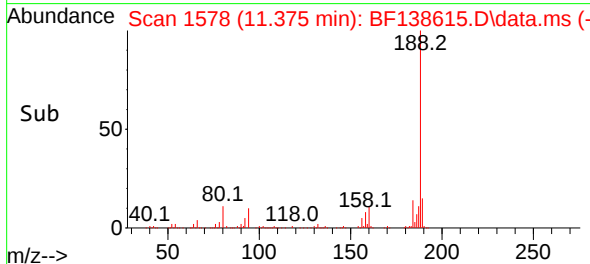
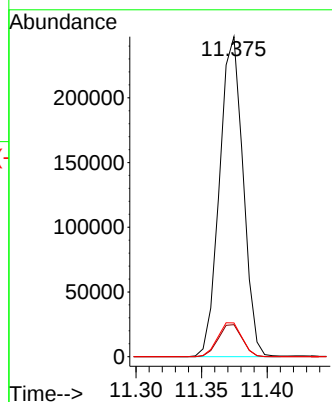
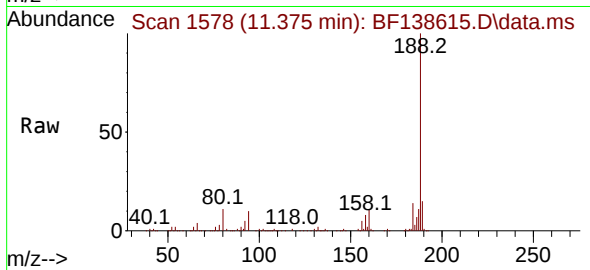
Tgt Ion:188 Resp: 308800

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.740 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

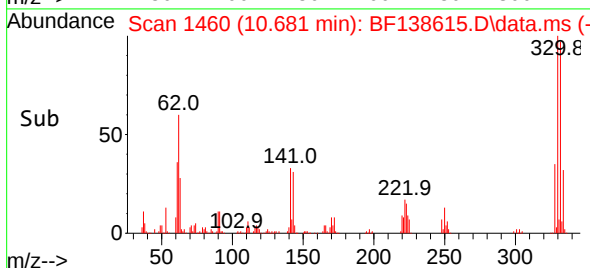
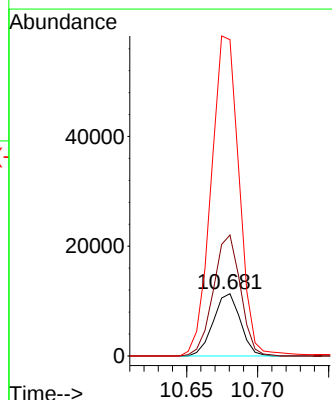
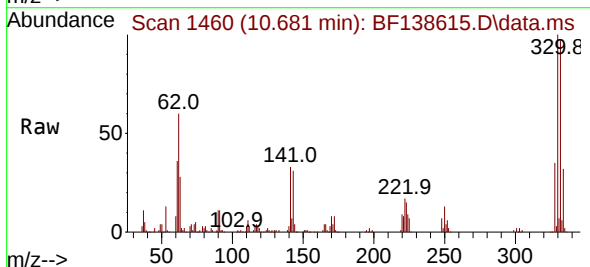
Tgt Ion:248 Resp: 15045

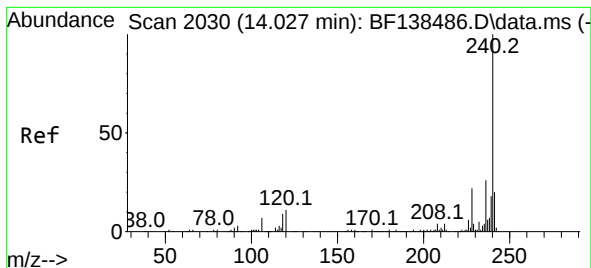
Ion Ratio Lower Upper

248 100

250 194.3 77.9 116.9#

141 508.0 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

Instrument :

BNA_F

ClientSampleId :

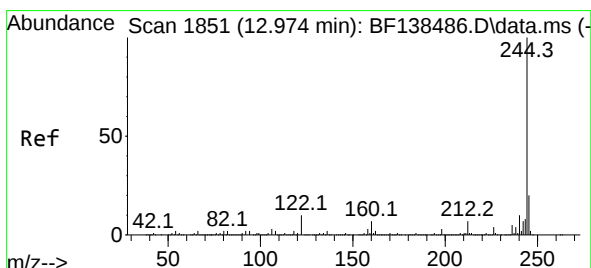
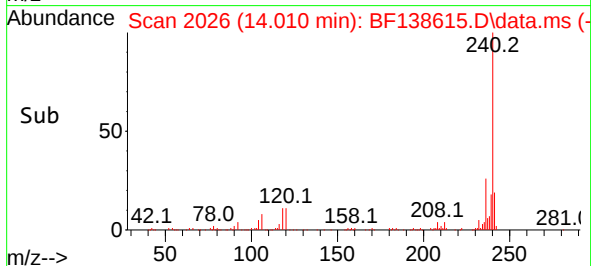
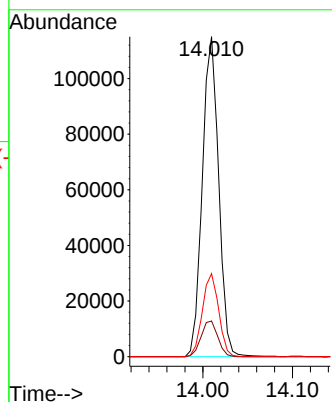
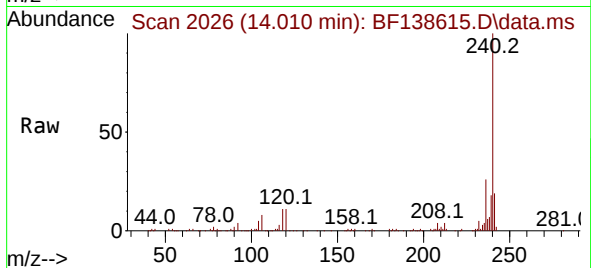
Tgt Ion:240 Resp: 145501

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 26.0 21.0 31.6



#79

Terphenyl-d14

Concen: 118.414 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

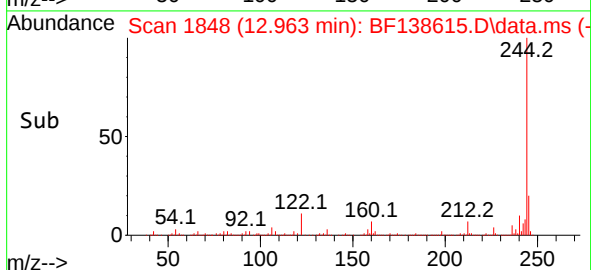
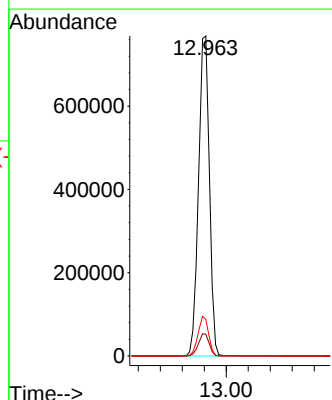
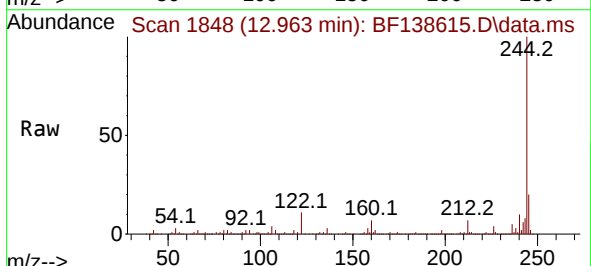
Tgt Ion:244 Resp: 1057588

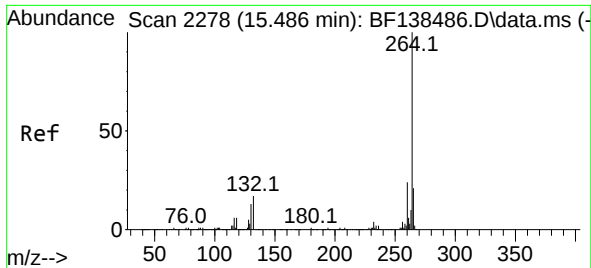
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

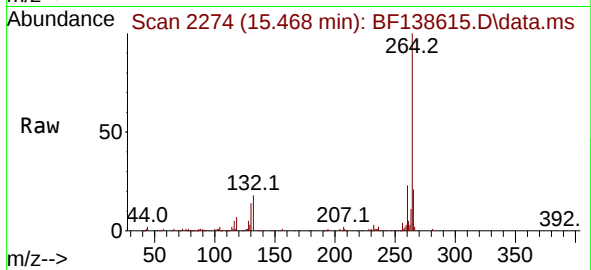
122 11.4 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF138615.D
 Acq: 23 Jul 2024 13:25

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 137557

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.0	17.0	25.4

