

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138635.D
 Acq On : 24 Jul 2024 12:31
 Operator : RC/JU
 Sample : PB162224BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162224BL

Quant Time: Jul 24 13:29:06 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)

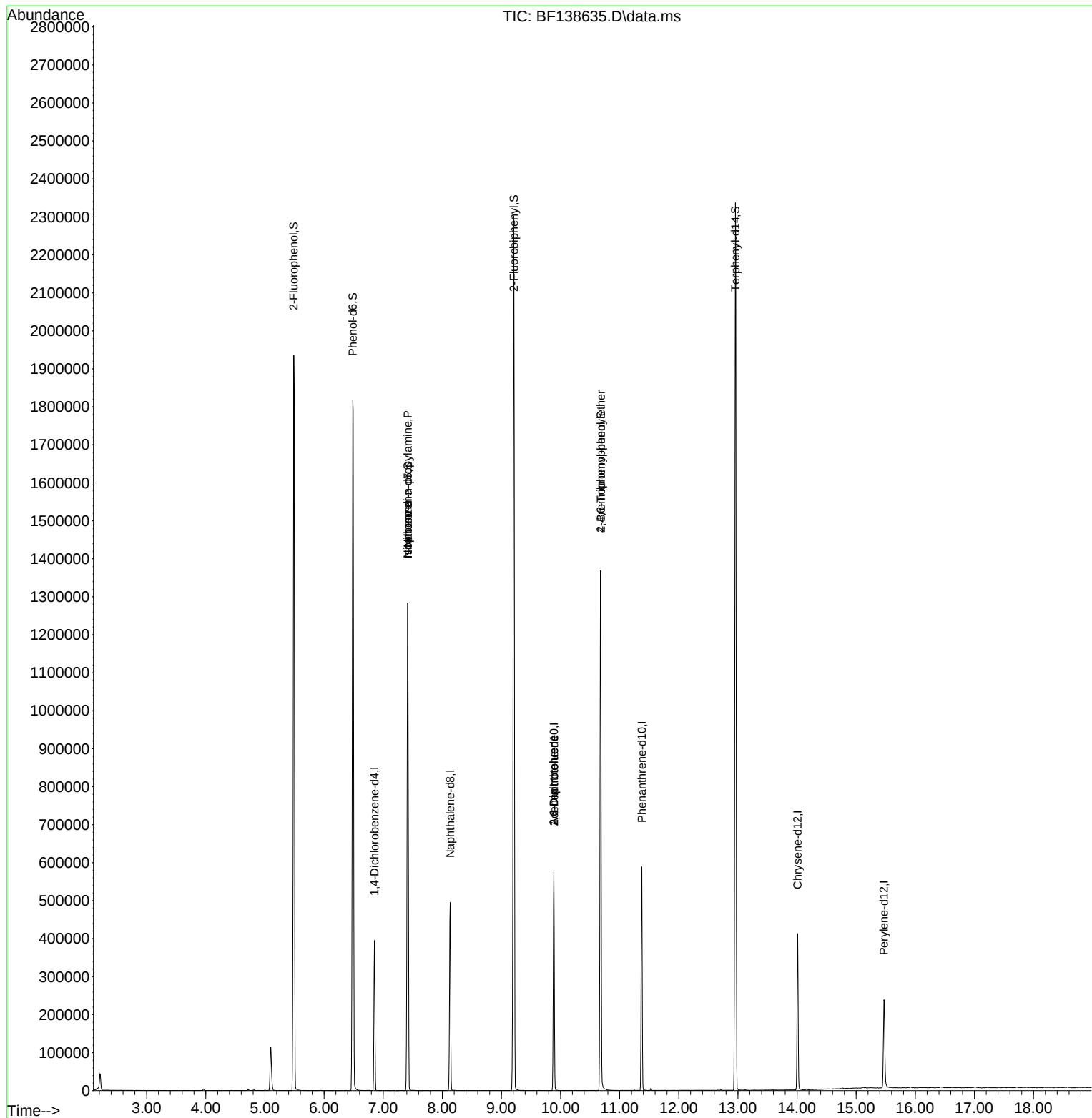
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74399	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	310901	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167451	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	307825	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	187692	20.000	ng	-0.02
86) Perylene-d12	15.468	264	148917	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	686190	146.072	ng	0.00
7) Phenol-d6	6.487	99	906893	145.121	ng	-0.02
23) Nitrobenzene-d5	7.416	82	609176	96.201	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	231393	147.855	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1046202	97.647	ng	-0.02
79) Terphenyl-d14	12.957	244	1175636	102.042	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	81240	21.039	ng	# 73
25) Isophorone	7.416	82	607240	55.841	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	21521	8.632	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	21521	6.672	ng	# 19
67) 4-Bromophenyl-phenylether	10.681	248	14897	4.708	ng	# 1

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

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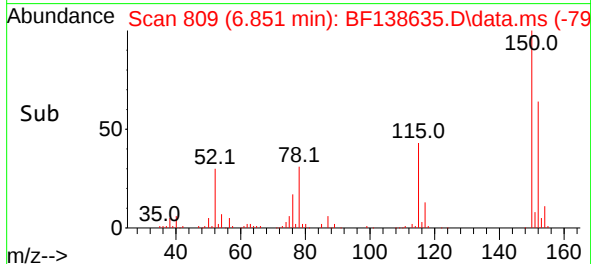
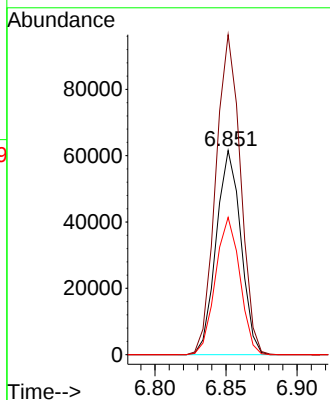
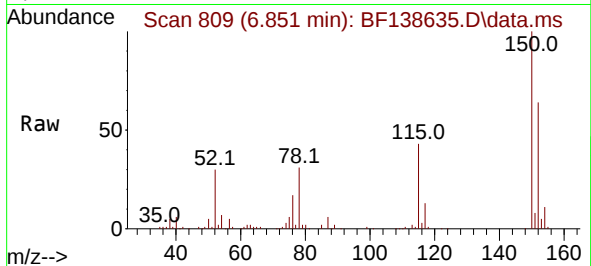




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

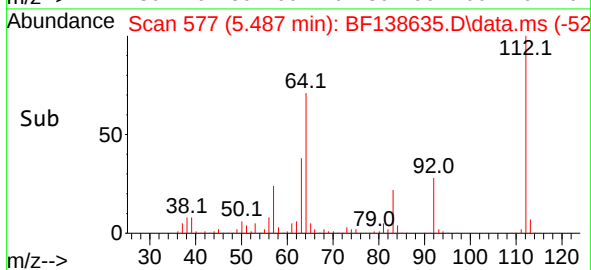
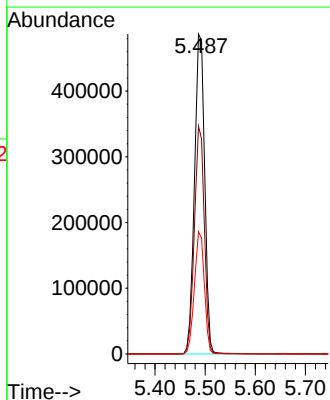
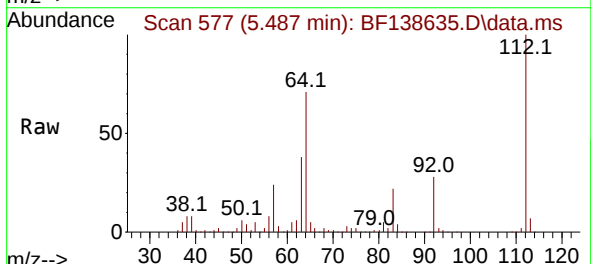
Instrument :
BNA_F
ClientSampleId :
PB162224BL

Tgt Ion:152 Resp: 74399
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 67.3 50.3 75.5



#5
2-Fluorophenol
Concen: 146.072 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

Tgt Ion:112 Resp: 686190
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 38.2 29.0 43.6

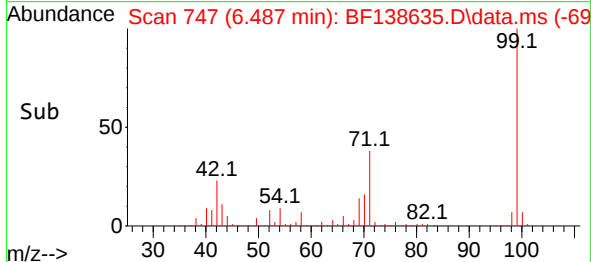
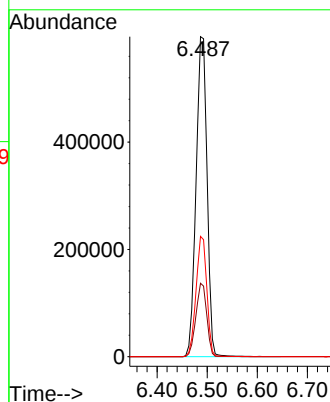
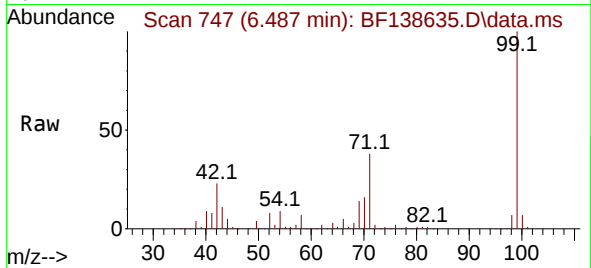




#7
Phenol-d6
Concen: 145.121 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

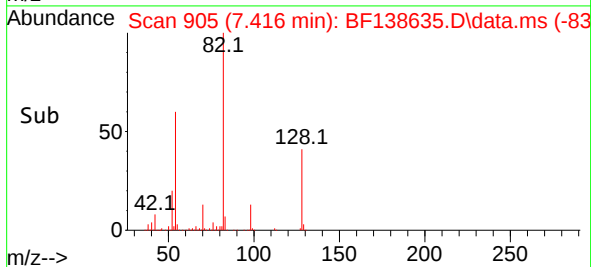
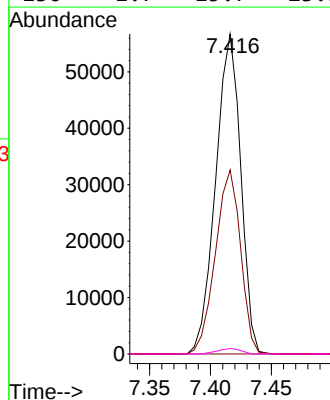
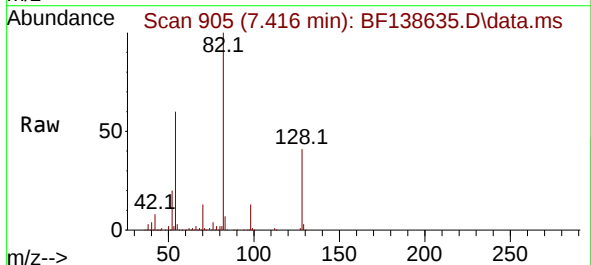
Instrument :
BNA_F
ClientSampleId :
PB162224BL

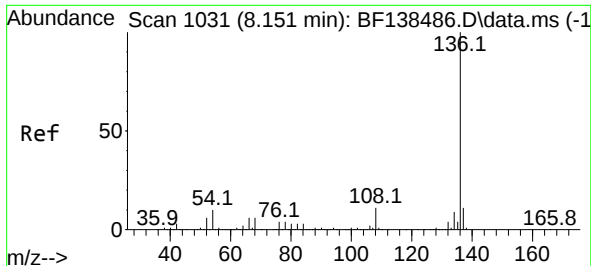
Tgt Ion: 99 Resp: 906893
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 37.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.039 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.136 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

Tgt Ion: 70 Resp: 81240
Ion Ratio Lower Upper
70 100
42 57.5 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#



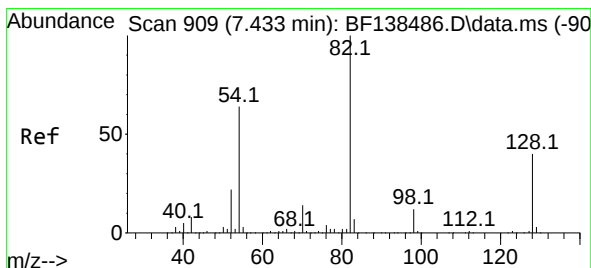
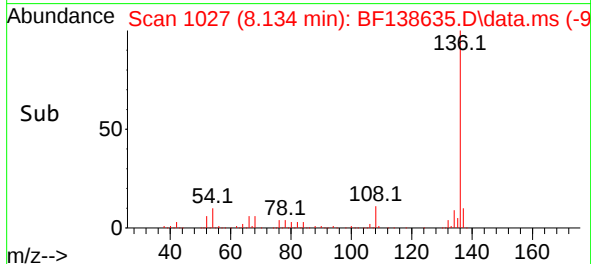
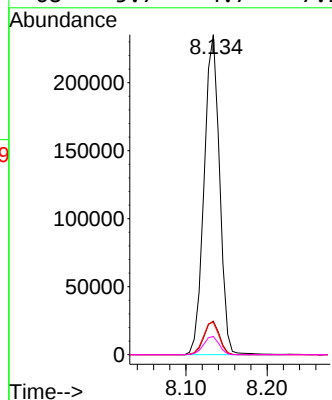
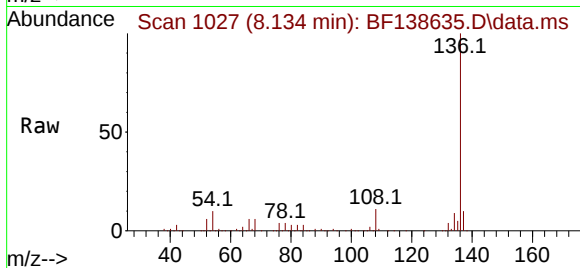


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

Instrument :
BNA_F
ClientSampleId :
PB162224BL

Tgt Ion:136 Resp: 310901

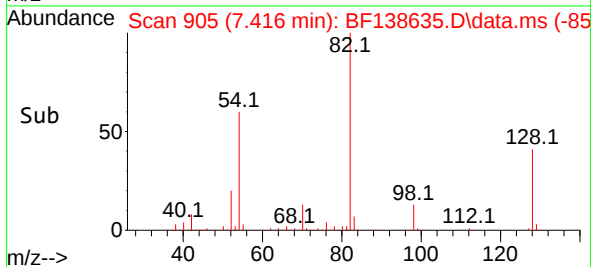
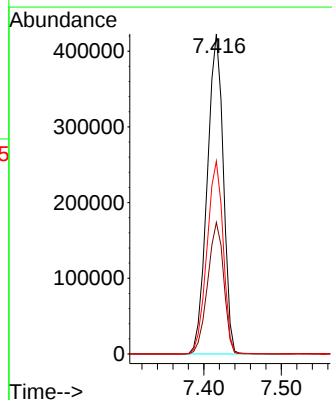
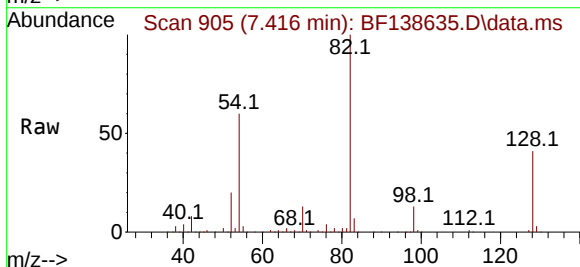
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.1	8.1	12.1
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 96.201 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

Tgt Ion: 82 Resp: 609176

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.3	48.5
54	60.3	51.4	77.0

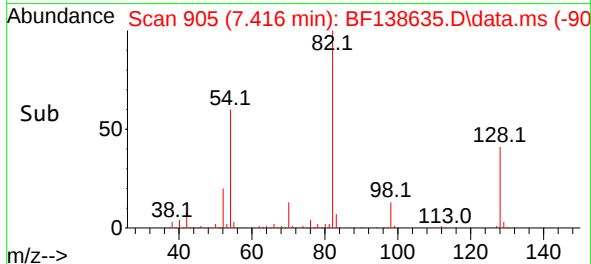
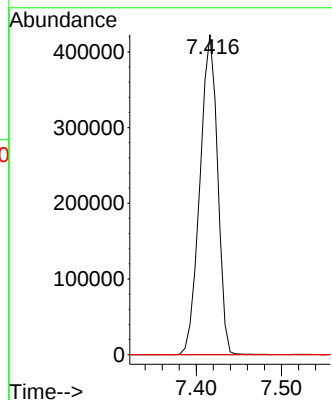
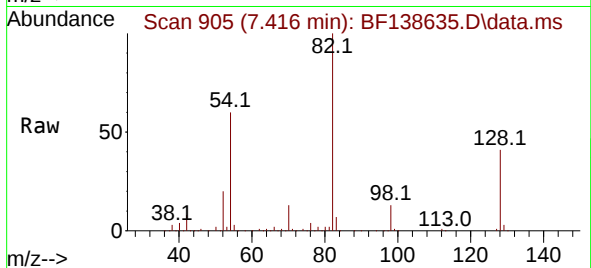




#25
Isophorone
Concen: 55.841 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

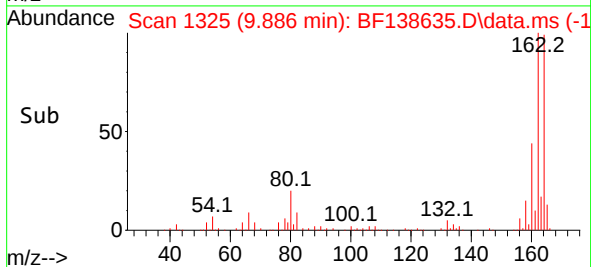
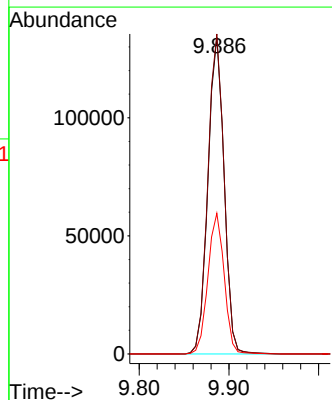
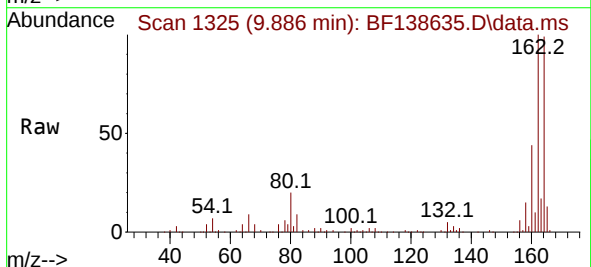
Instrument :
BNA_F
ClientSampleId :
PB162224BL

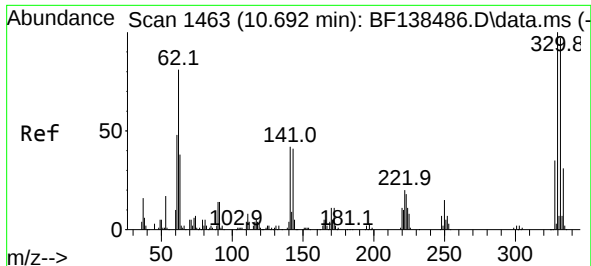
Tgt Ion: 82 Resp: 607240
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

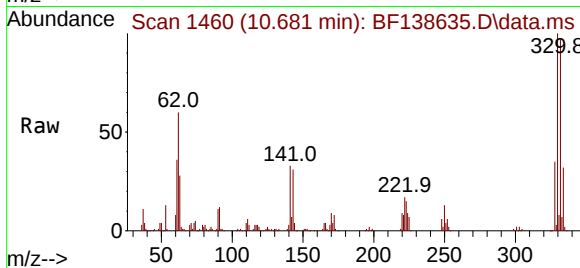
Tgt Ion:164 Resp: 167451
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.6
160 44.4 34.4 51.6



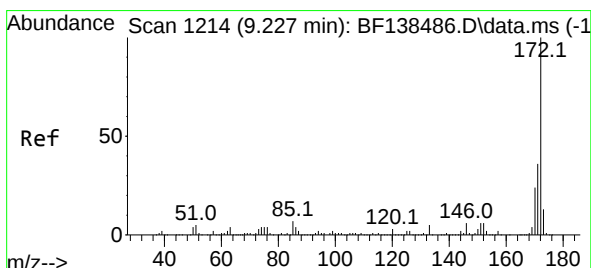
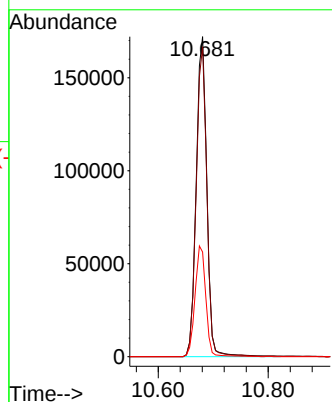
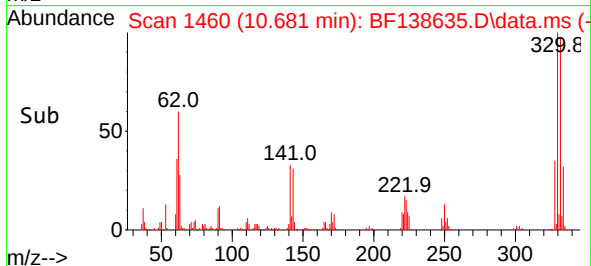


#42
2,4,6-Tribromophenol
Concen: 147.855 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31

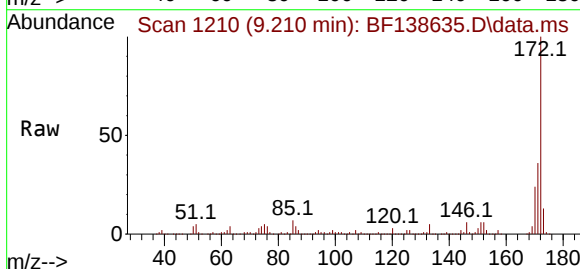
Instrument :
BNA_F
ClientSampleId :
PB162224BL



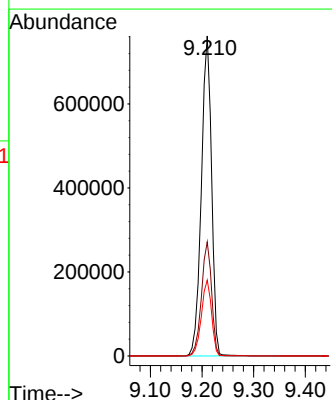
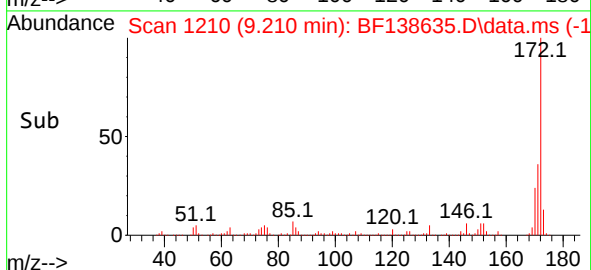
Tgt Ion:330 Resp: 231393
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 35.1 29.4 44.2

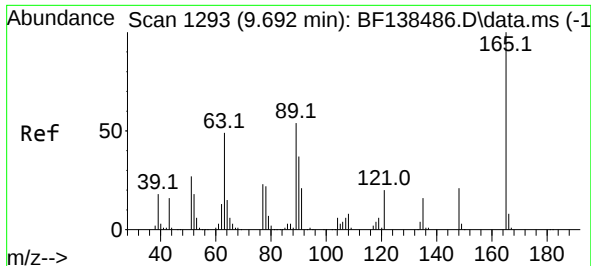


#45
2-Fluorobiphenyl
Concen: 97.647 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.017 min
Lab File: BF138635.D
Acq: 24 Jul 2024 12:31



Tgt Ion:172 Resp: 1046202
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.7 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.632 ng

RT: 9.886 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF138635.D

Acq: 24 Jul 2024 12:31

Instrument :

BNA_F

ClientSampleId :

PB162224BL

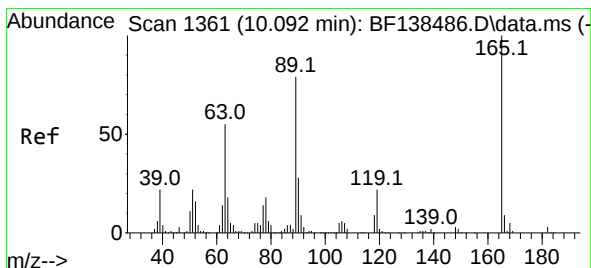
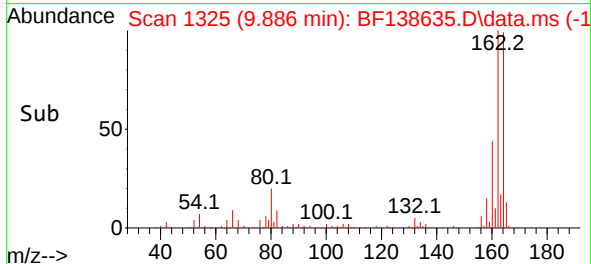
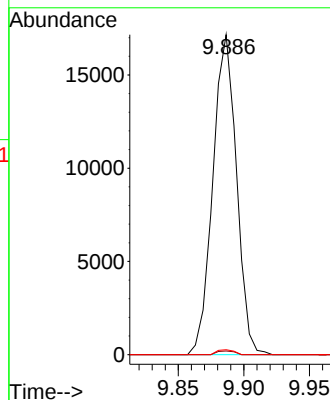
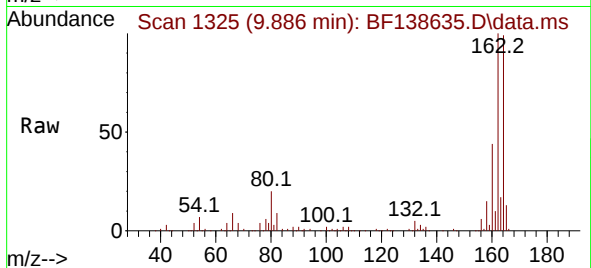
Tgt Ion:165 Resp: 21521

Ion Ratio Lower Upper

165 100

63 1.1 48.1 72.1#

89 1.6 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.672 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF138635.D

Acq: 24 Jul 2024 12:31

Tgt Ion:165 Resp: 21521

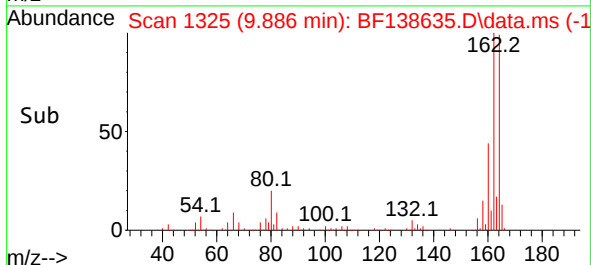
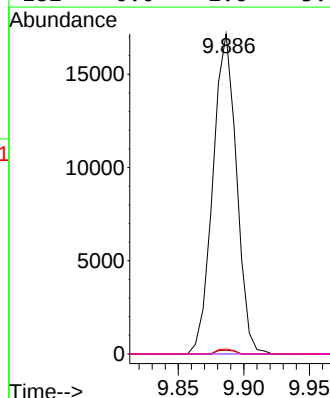
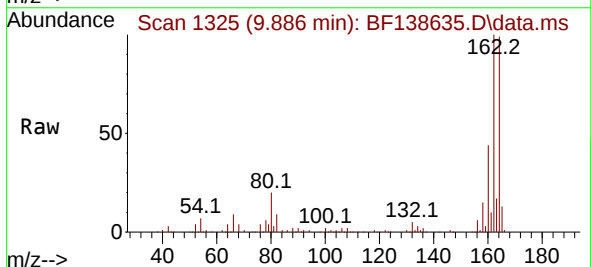
Ion Ratio Lower Upper

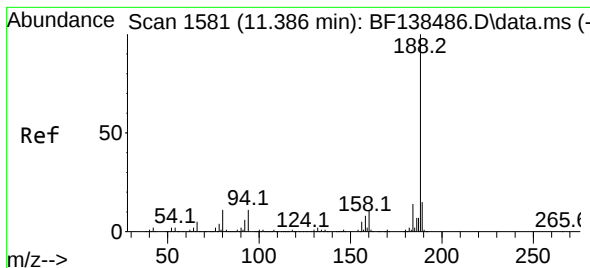
165 100

63 1.1 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: BF138635.D

Acq: 24 Jul 2024 12:31

Instrument :

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ClientSampleId :

PB162224BL

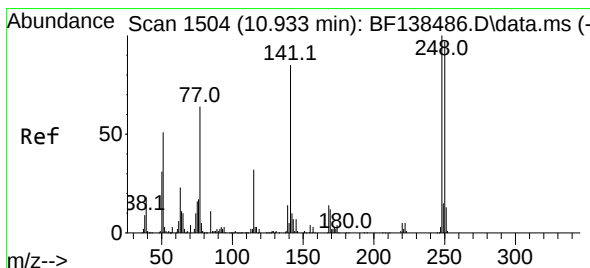
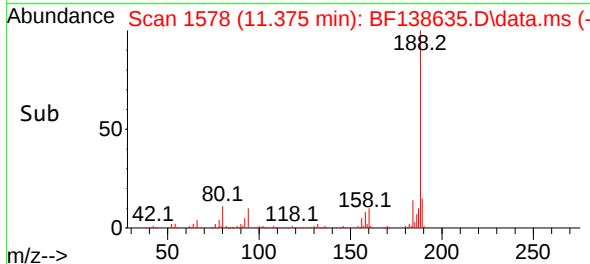
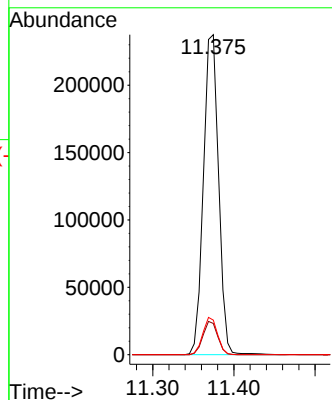
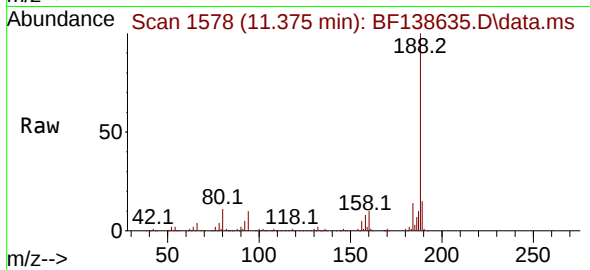
Tgt Ion:188 Resp: 307825

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.708 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138635.D

Acq: 24 Jul 2024 12:31

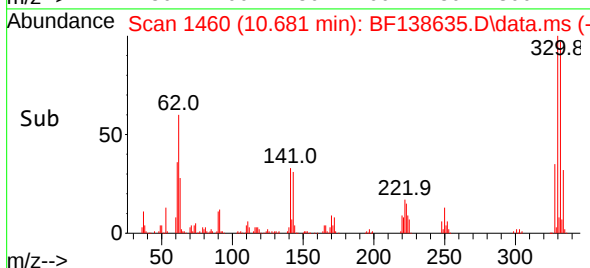
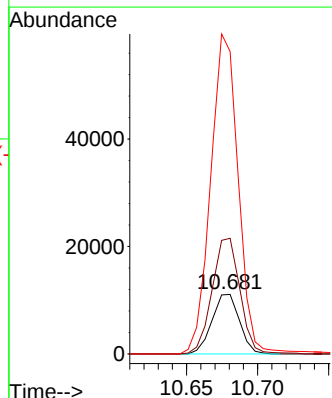
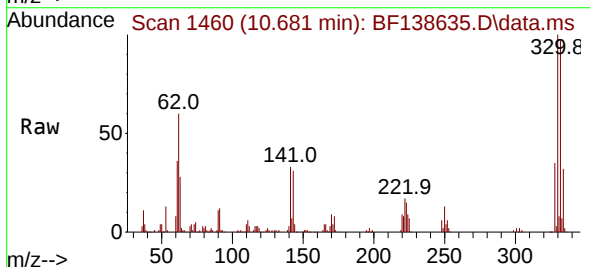
Tgt Ion:248 Resp: 14897

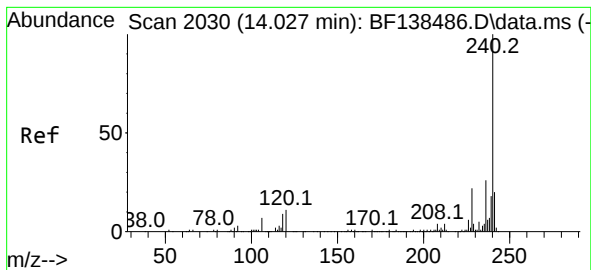
Ion Ratio Lower Upper

248 100

250 194.3 77.9 116.9#

141 507.7 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: BF138635.D

Acq: 24 Jul 2024 12:31

Instrument :

BNA_F

ClientSampleId :

PB162224BL

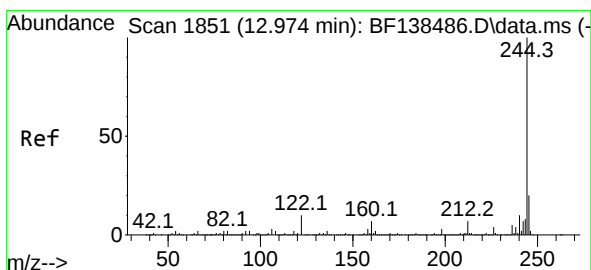
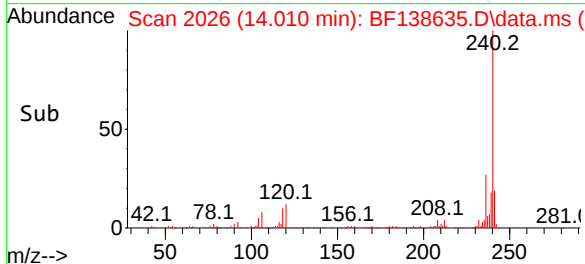
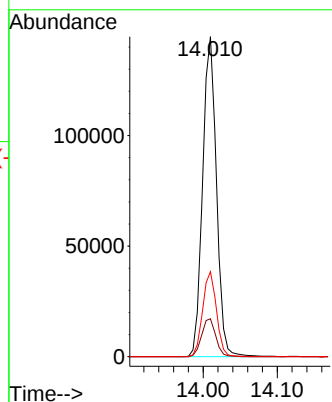
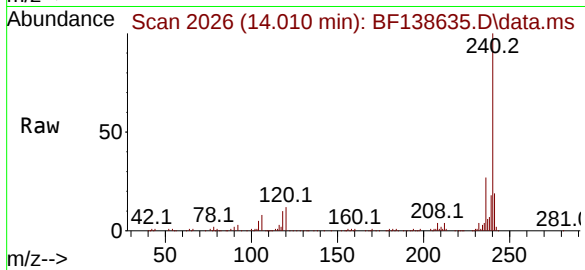
Tgt Ion:240 Resp: 187692

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 26.6 21.0 31.6



#79

Terphenyl-d14

Concen: 102.042 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.017 min

Lab File: BF138635.D

Acq: 24 Jul 2024 12:31

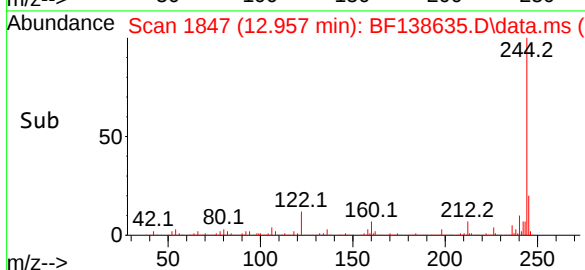
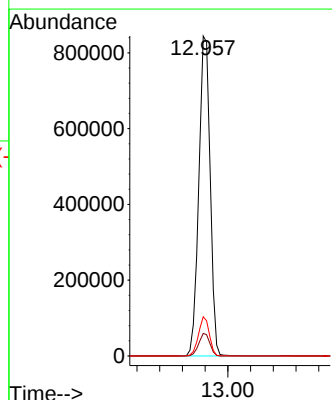
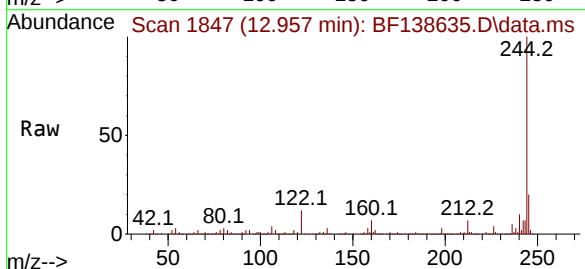
Tgt Ion:244 Resp: 1175636

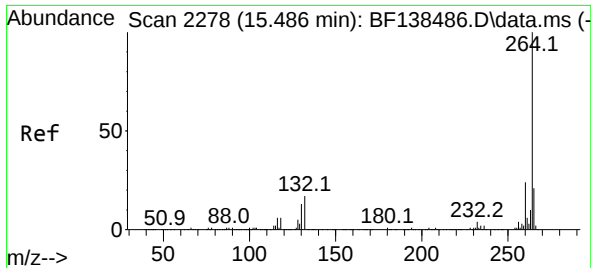
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

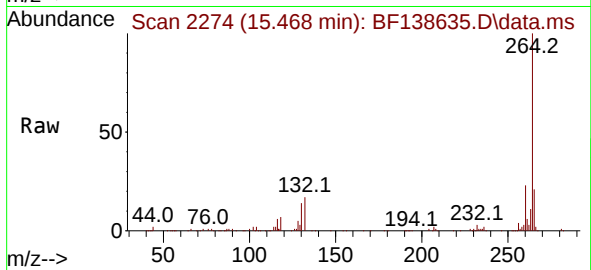
122 12.3 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF138635.D
 Acq: 24 Jul 2024 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB162224BL



Tgt Ion:264 Resp: 148917
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.4 17.0 25.4

