

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140658.D
 Acq On : 27 Nov 2024 10:05
 Operator : RC/JU
 Sample : PB165269BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165269BL

Quant Time: Nov 27 10:35:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

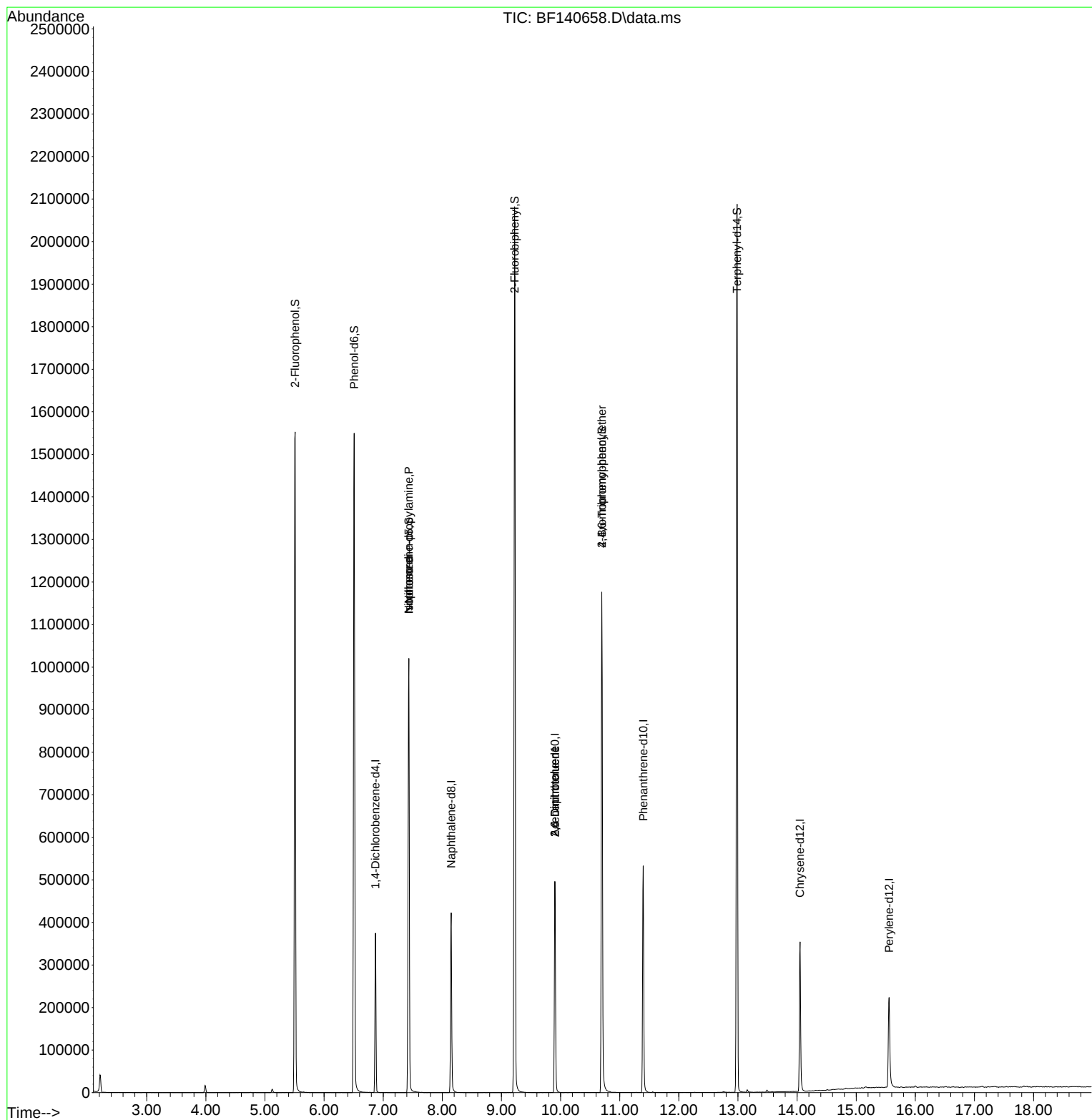
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77642	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	291925	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161710	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	313656	20.000	ng	0.00
76) Chrysene-d12	14.051	240	191732	20.000	ng	0.00
86) Perylene-d12	15.557	264	153787	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604708	132.887	ng	0.01
7) Phenol-d6	6.510	99	771567	128.254	ng	0.00
23) Nitrobenzene-d5	7.434	82	503439	88.211	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	219485	126.907	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	978948	90.197	ng	-0.01
79) Terphenyl-d14	12.986	244	1091181	88.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	67676	19.035	ng	# 75
25) Isophorone	7.434	82	496758	52.185	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	20311	8.409	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	20311	6.327	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	13931	4.313	ng	# 1

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

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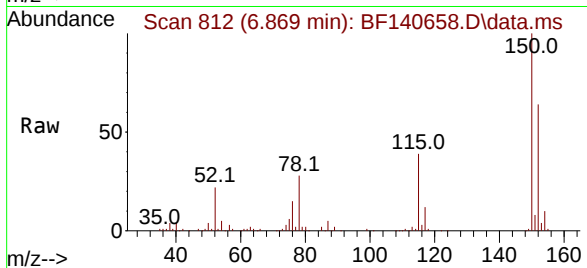
Quant Time: Nov 27 10:35:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



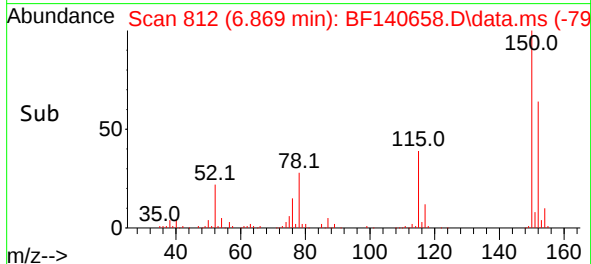
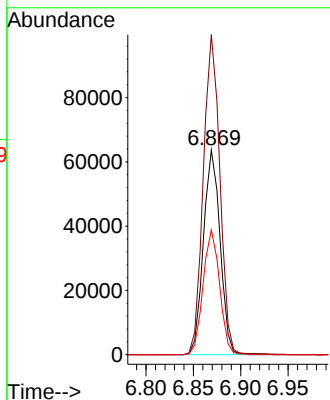


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB165269BL

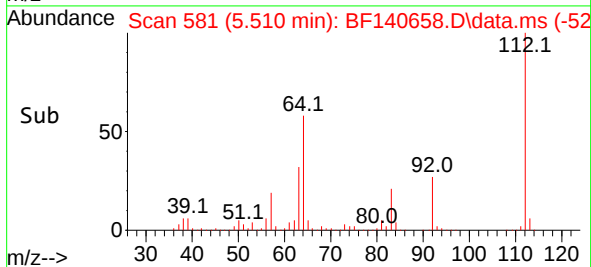
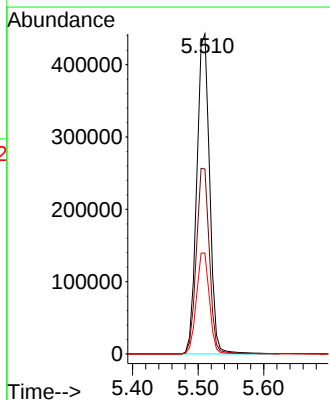
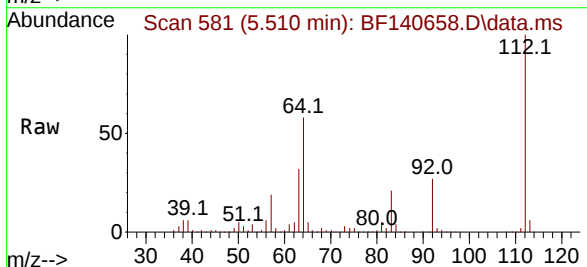


Tgt Ion:152 Resp: 77642
Ion Ratio Lower Upper
152 100
150 156.4 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 132.887 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Tgt Ion:112 Resp: 604708
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 31.6 27.0 40.4

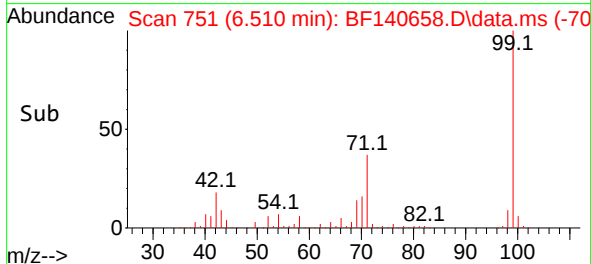
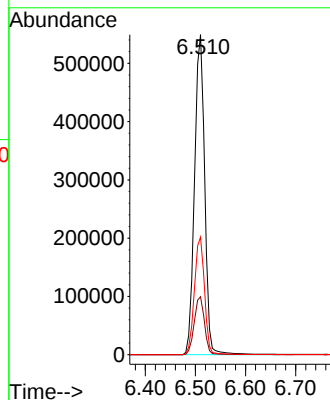
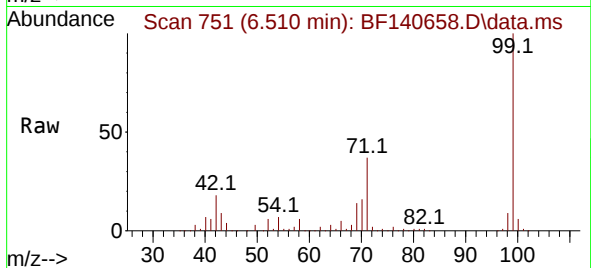




#7
Phenol-d6
Concen: 128.254 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

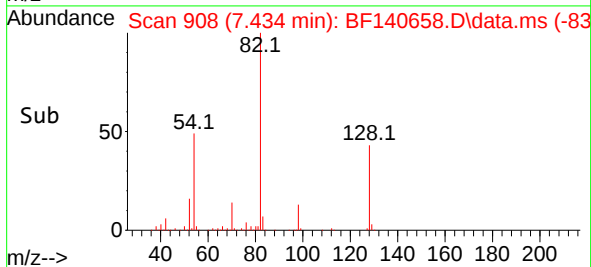
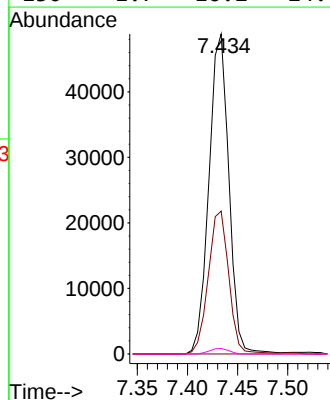
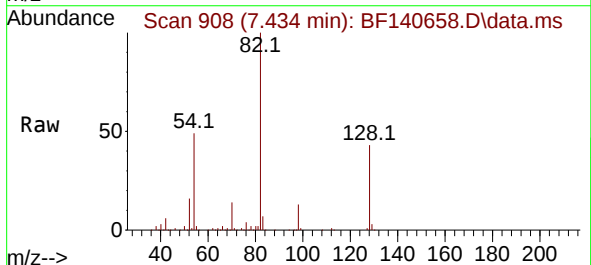
Instrument :
BNA_F
ClientSampleId :
PB165269BL

Tgt Ion: 99 Resp: 771567
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.035 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Tgt Ion: 70 Resp: 67676
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.7 16.2 24.4#



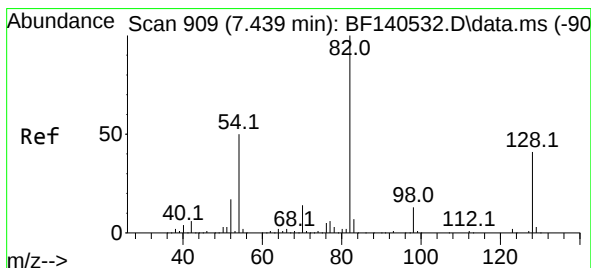
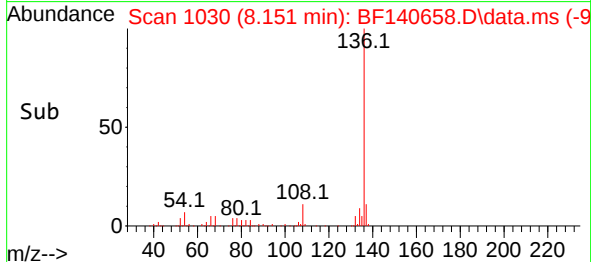
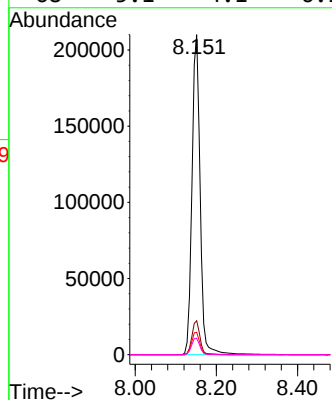
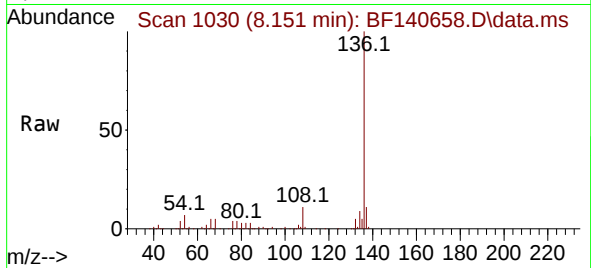


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB165269BL

Tgt Ion:136 Resp: 291925

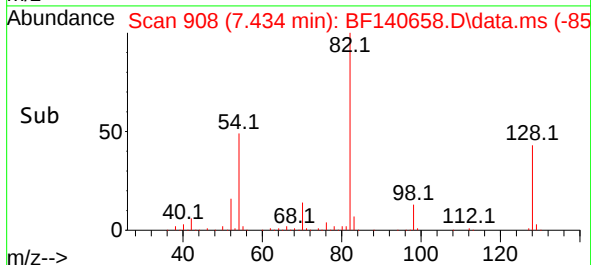
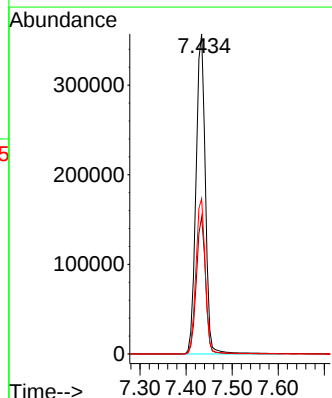
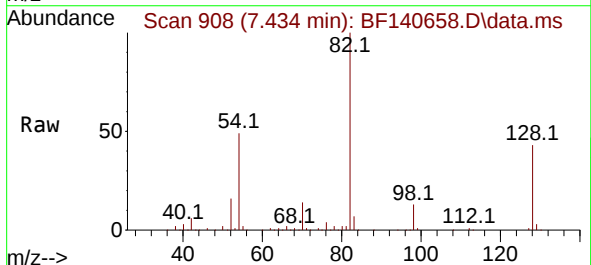
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.0	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 88.211 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Tgt Ion: 82 Resp: 503439

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	48.5	39.5	59.3

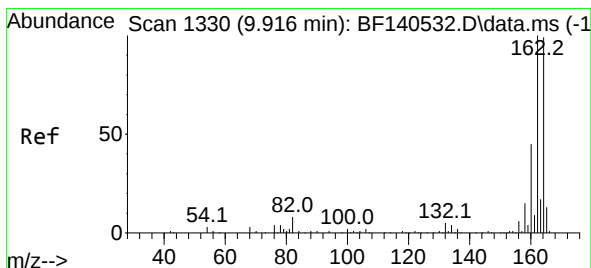
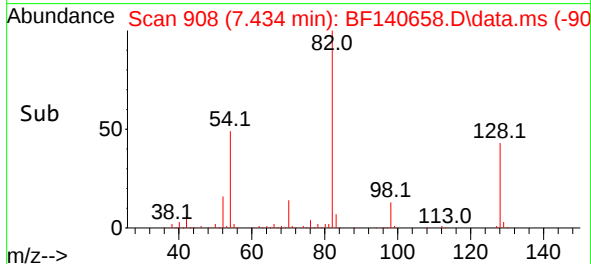
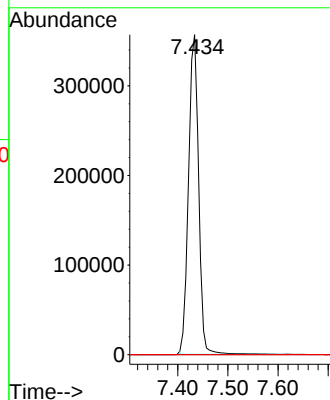
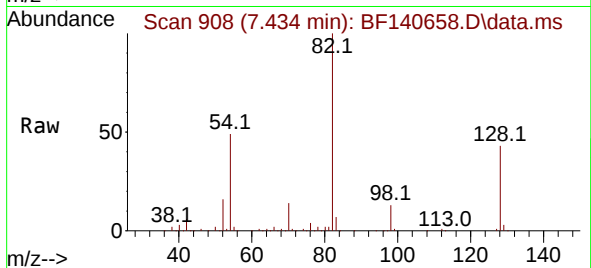




#25
Isophorone
Concen: 52.185 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

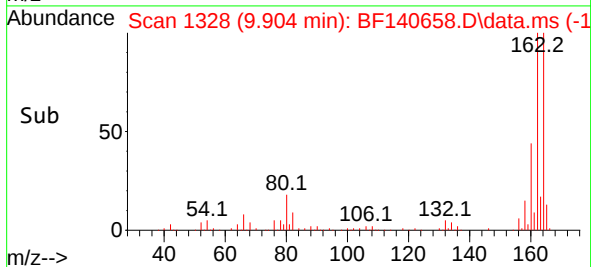
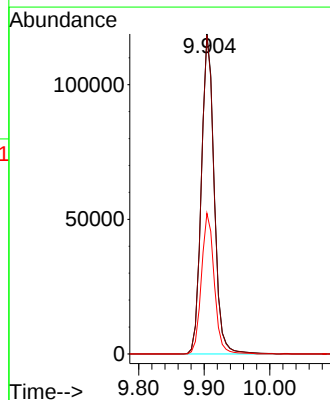
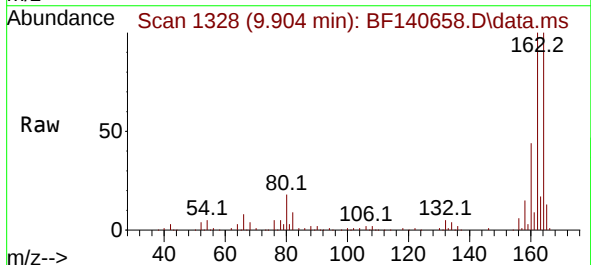
Instrument :
BNA_F
ClientSampleId :
PB165269BL

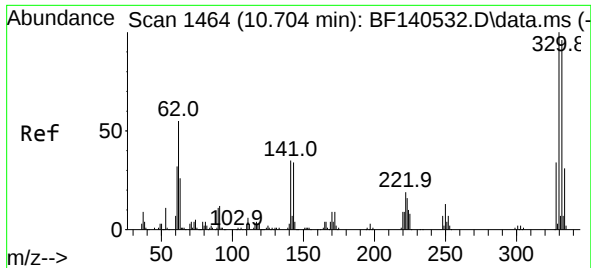
Tgt Ion: 82 Resp: 496758
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

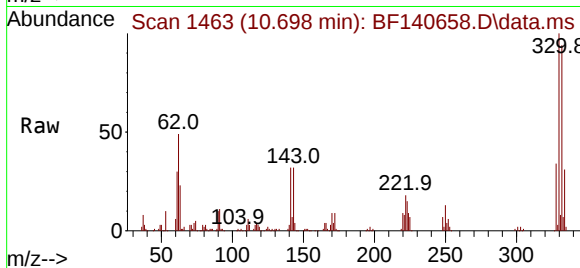
Tgt Ion:164 Resp: 161710
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.0 36.2 54.4



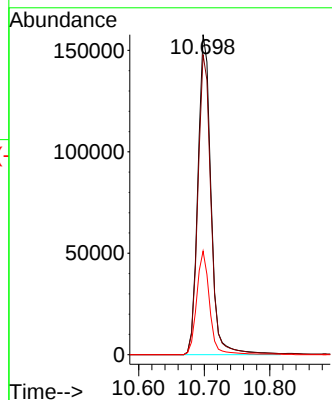
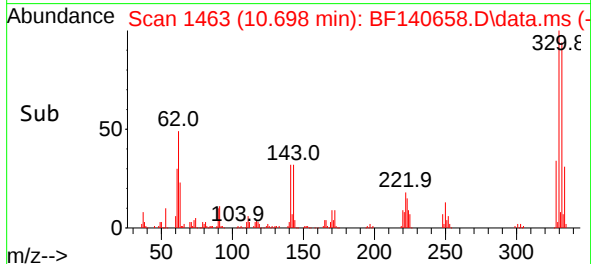


#42
2,4,6-Tribromophenol
Concen: 126.907 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

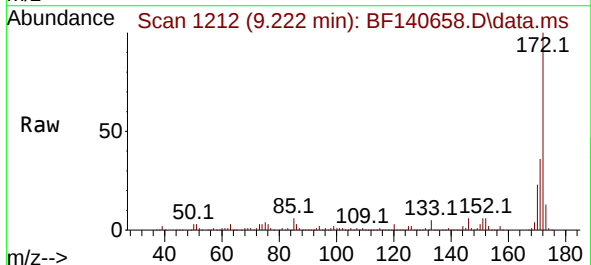
Instrument :
BNA_F
ClientSampleId :
PB165269BL



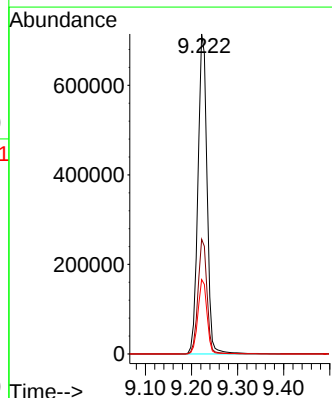
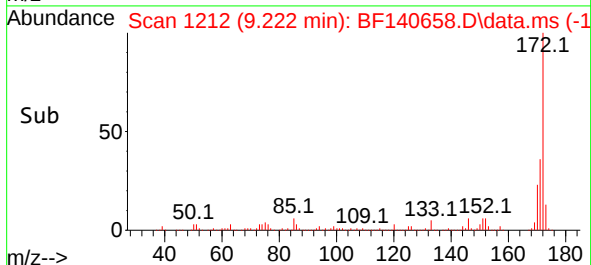
Tgt Ion:330 Resp: 219485
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 90.197 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05



Tgt Ion:172 Resp: 978948
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.409 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB165269BL

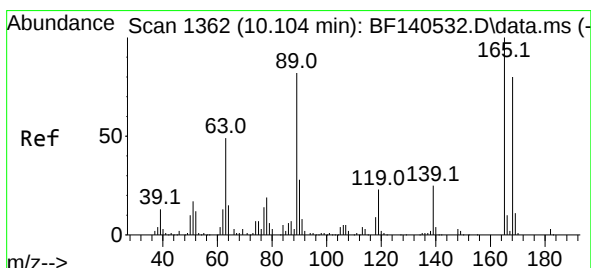
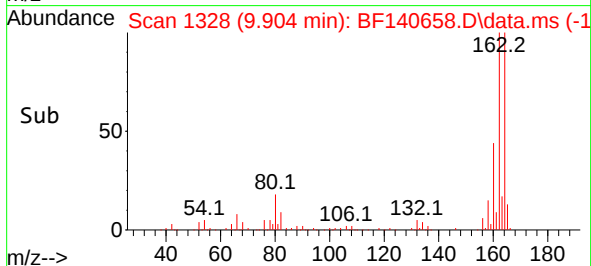
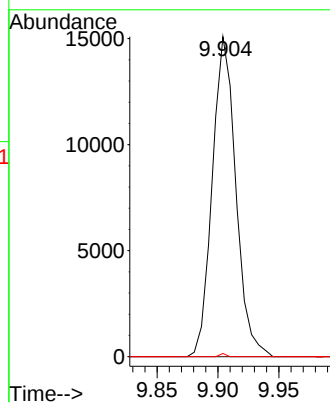
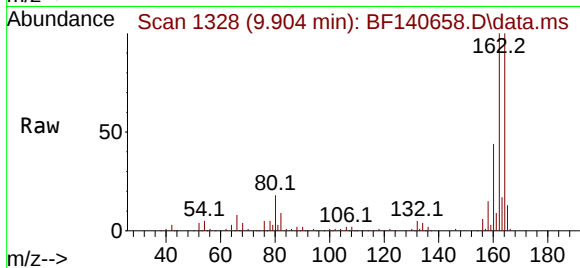
Tgt Ion:165 Resp: 20311

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 1.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.327 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

Tgt Ion:165 Resp: 20311

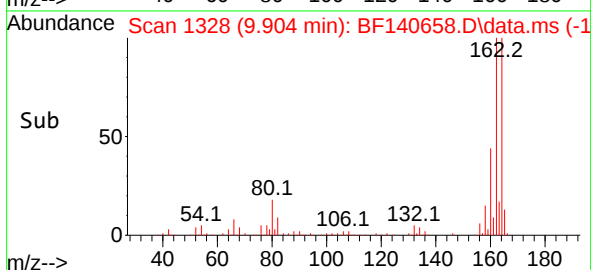
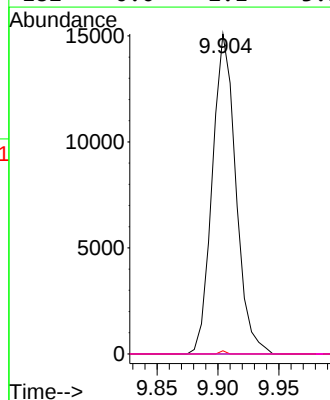
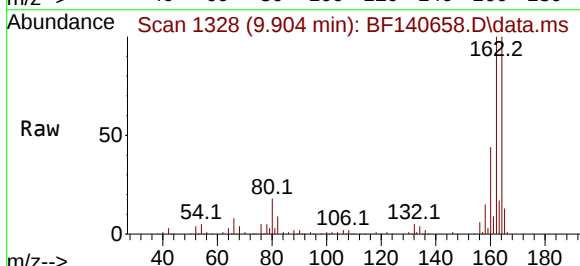
Ion Ratio Lower Upper

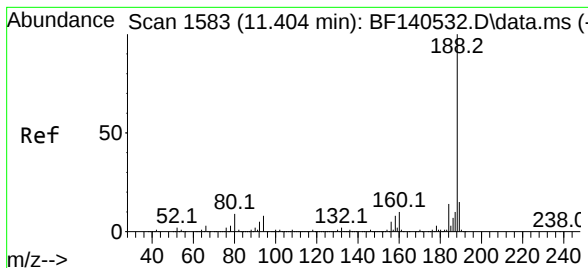
165 100

63 0.0 41.7 62.5#

89 1.0 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB165269BL

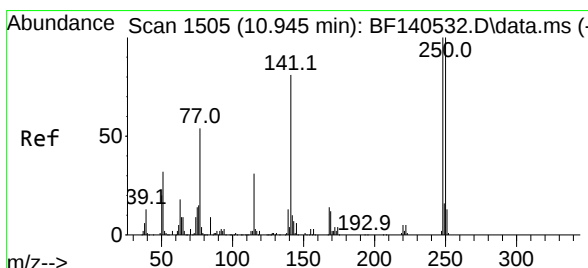
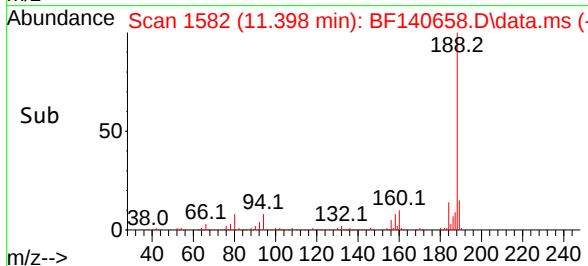
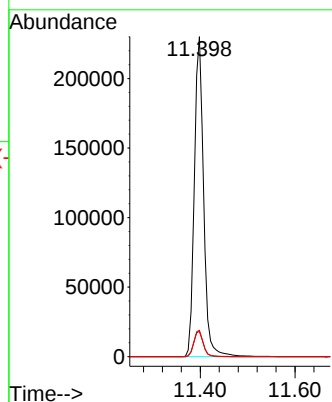
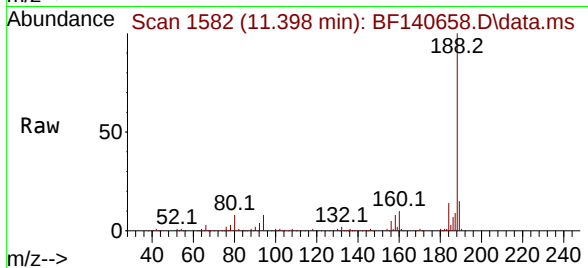
Tgt Ion:188 Resp: 313656

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.2 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.313 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

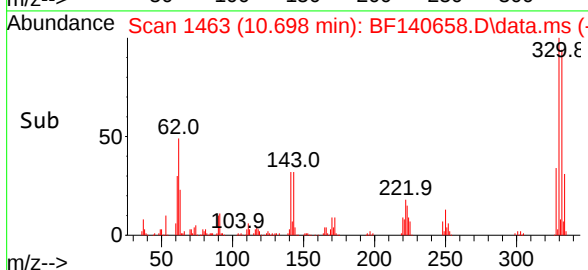
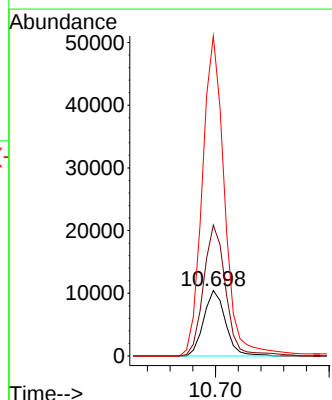
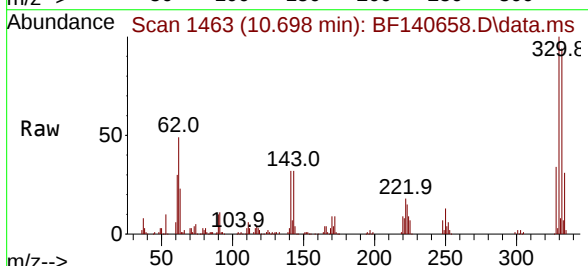
Tgt Ion:248 Resp: 13931

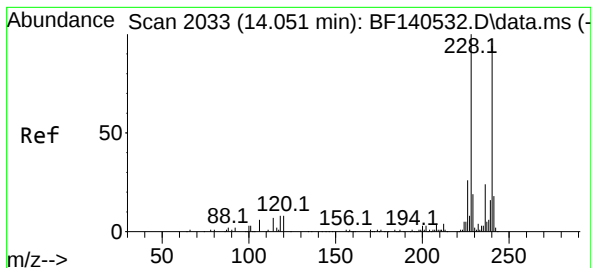
Ion Ratio Lower Upper

248 100

250 200.2 79.8 119.8#

141 489.3 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB165269BL

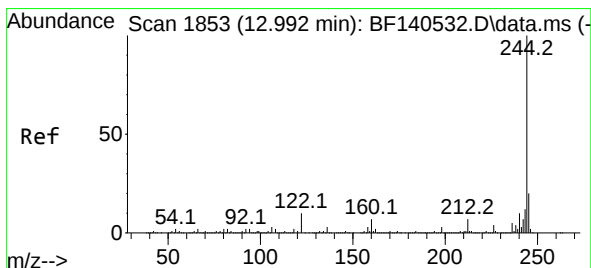
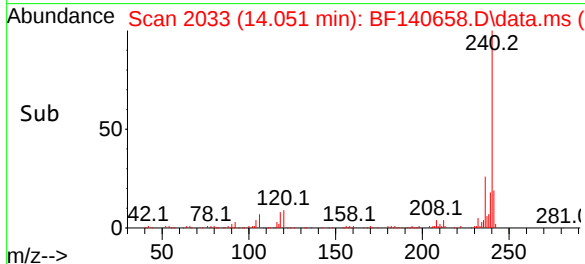
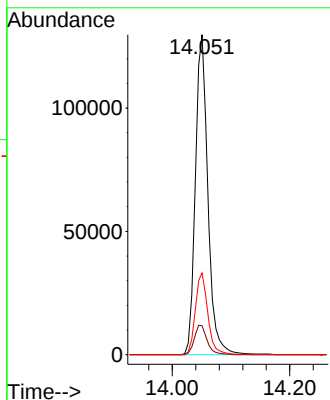
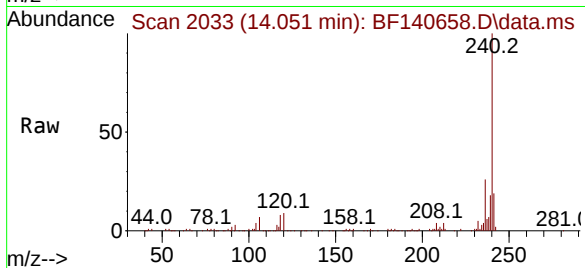
Tgt Ion:240 Resp: 191732

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 88.619 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140658.D

Acq: 27 Nov 2024 10:05

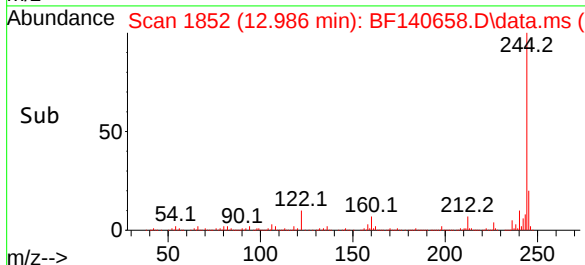
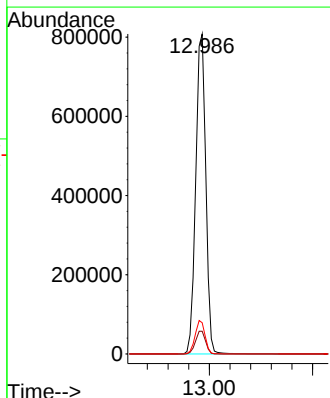
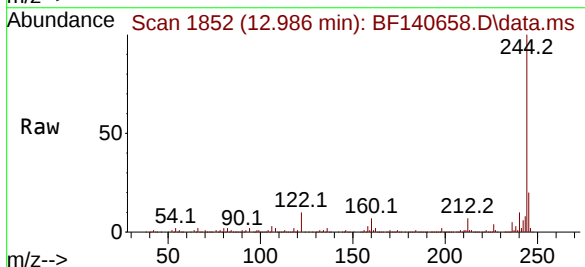
Tgt Ion:244 Resp: 1091181

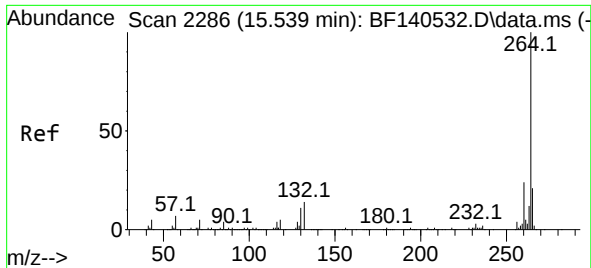
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140658.D
Acq: 27 Nov 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB165269BL

Tgt Ion:264 Resp: 153787

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	16.6	25.0

