

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140114.D
 Acq On : 29 Oct 2024 16:26
 Operator : RC/JU
 Sample : PB164497BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164497BL

Quant Time: Oct 29 17:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

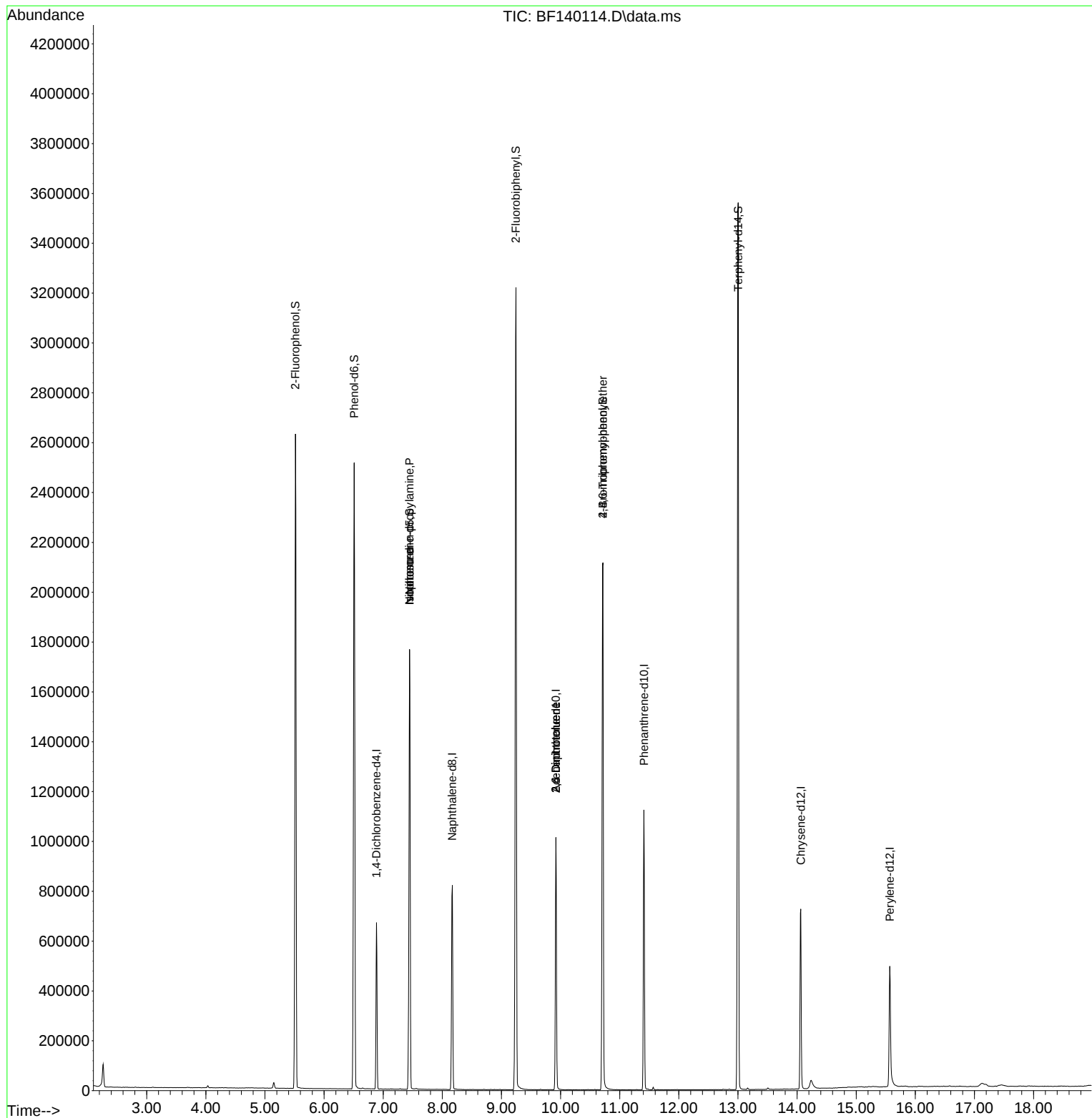
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131951	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	529341	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	309747	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	594247	20.000	ng	0.00
76) Chrysene-d12	14.063	240	362694	20.000	ng	0.01
86) Perylene-d12	15.568	264	299972	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1002436	118.931	ng	0.02
7) Phenol-d6	6.510	99	1264139	115.800	ng	0.00
23) Nitrobenzene-d5	7.445	82	861987	90.253	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	411968	142.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1594438	85.073	ng	0.00
79) Terphenyl-d14	13.004	244	1955554	87.857	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	117643	17.768	ng	# 76
25) Isophorone	7.445	82	855579	47.198	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	39907	9.553	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	39907	7.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	26540	4.335	ng	# 1

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

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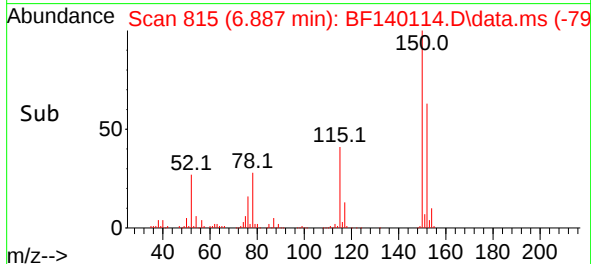
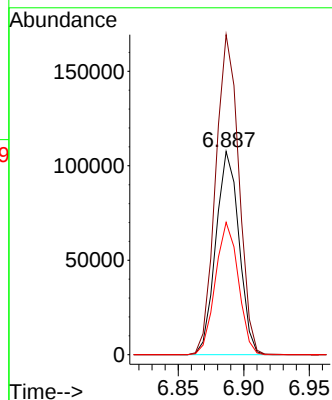
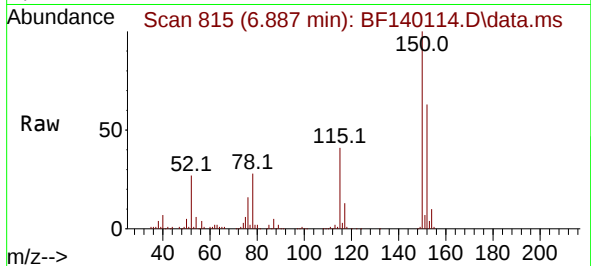




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

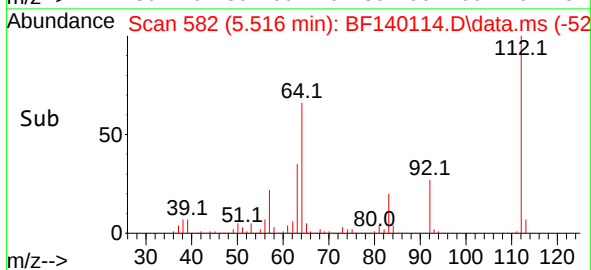
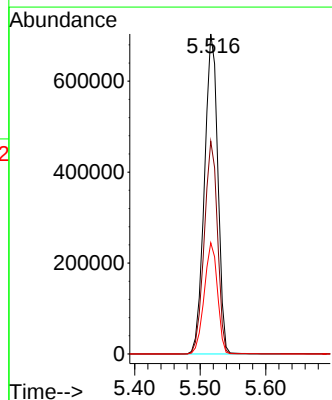
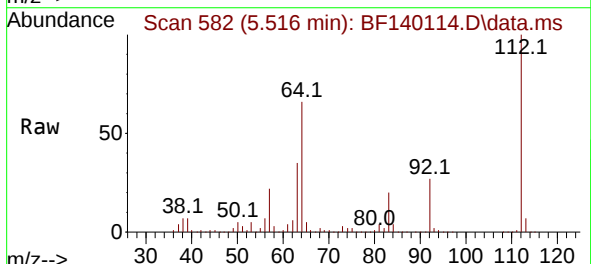
Instrument :
BNA_F
ClientSampleId :
PB164497BL

Tgt Ion:152 Resp: 131951
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 118.931 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion:112 Resp: 1002436
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 34.7 27.0 40.4

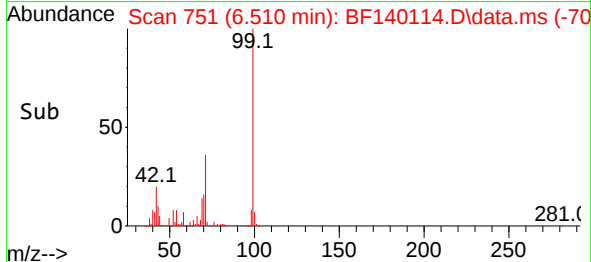
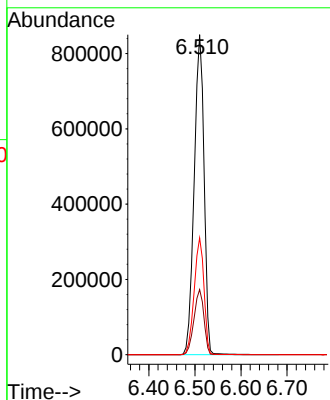
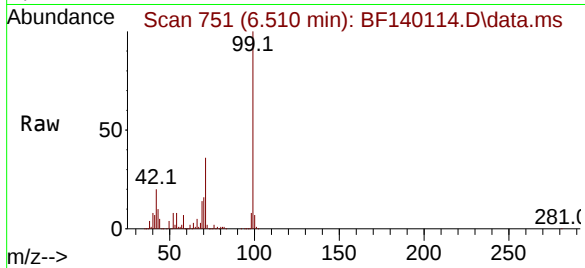




#7
Phenol-d6
Concen: 115.800 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

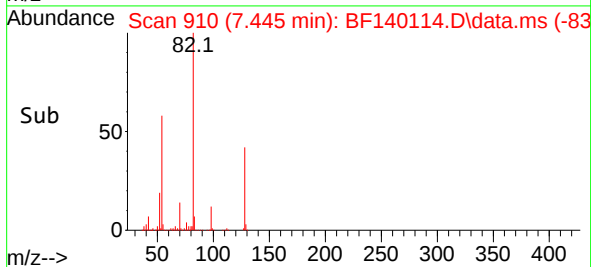
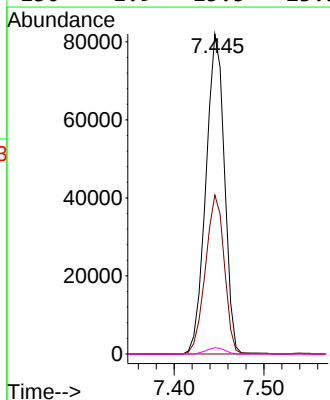
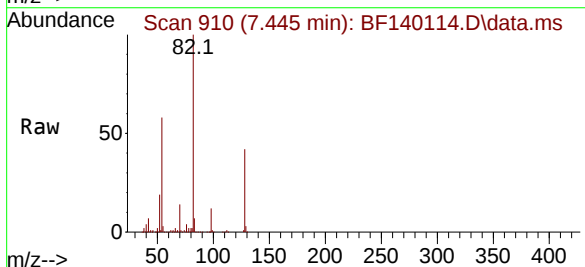
Instrument :
BNA_F
ClientSampleId :
PB164497BL

Tgt Ion: 99 Resp: 1264139
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 36.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.768 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion: 70 Resp: 117643
Ion Ratio Lower Upper
70 100
42 49.7 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



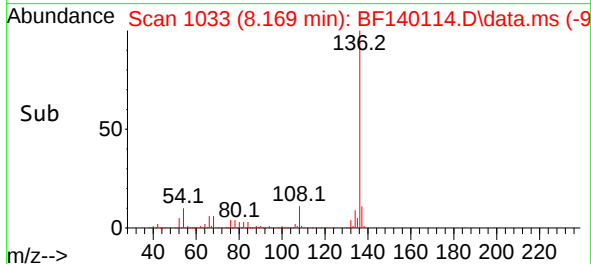
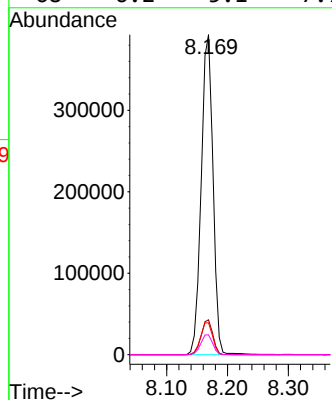
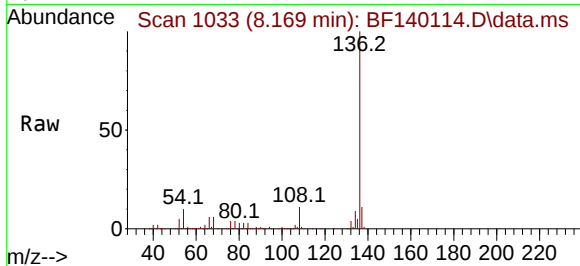


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Instrument :
BNA_F
ClientSampleId :
PB164497BL

Tgt Ion:136 Resp: 529341

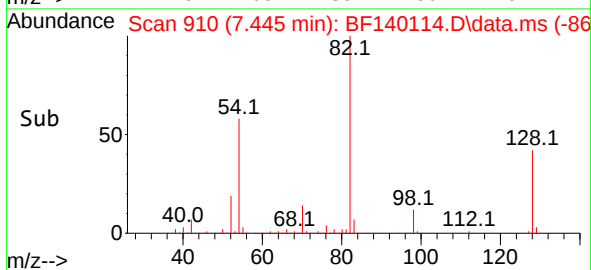
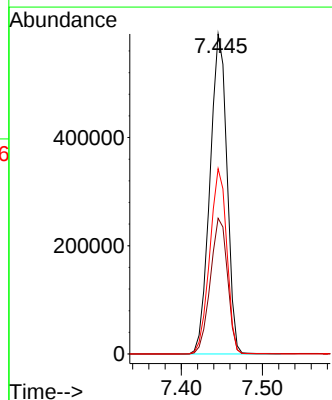
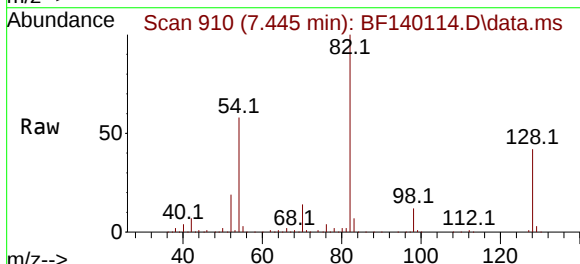
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.253 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion: 82 Resp: 861987

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	57.9	47.8	71.8

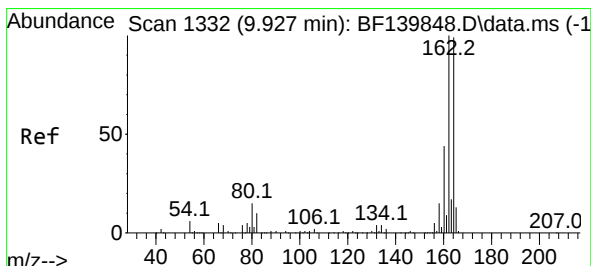
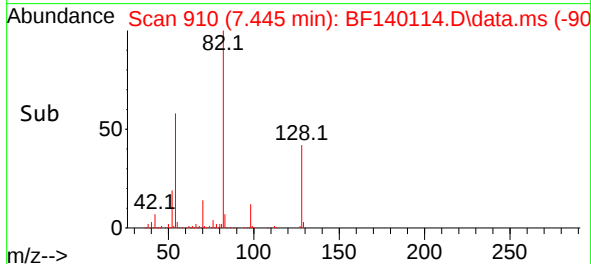
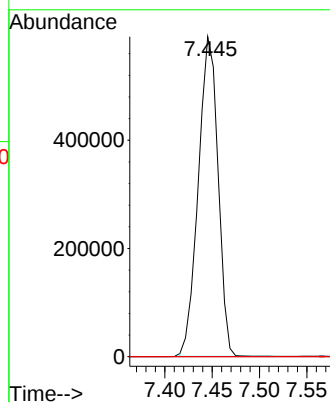
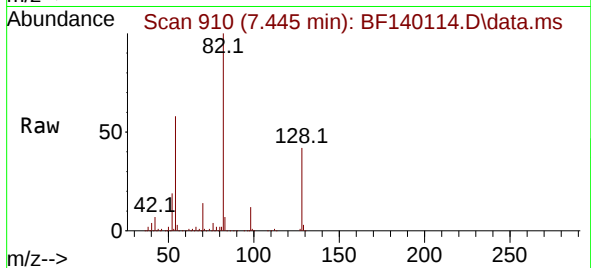




#25
Isophorone
Concen: 47.198 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

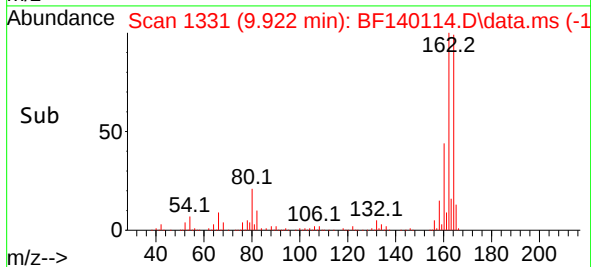
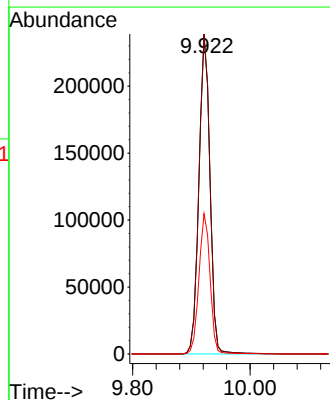
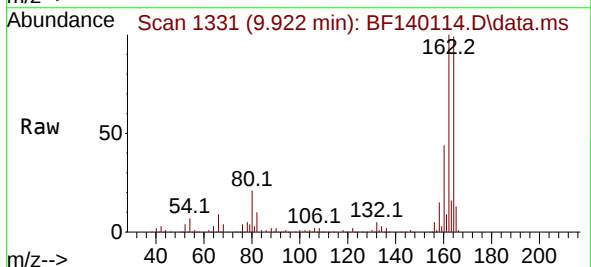
Instrument :
BNA_F
ClientSampleId :
PB164497BL

Tgt Ion: 82 Resp: 855579
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion:164 Resp: 309747
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.191 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

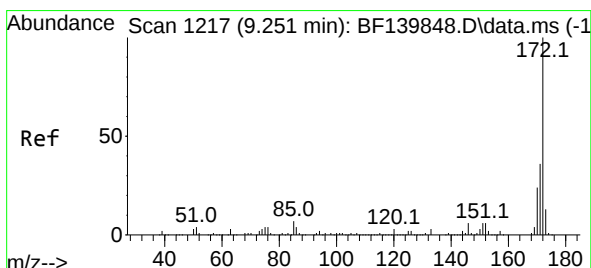
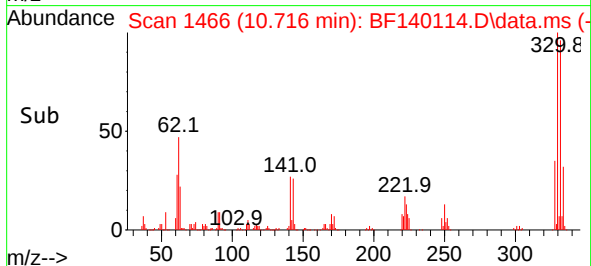
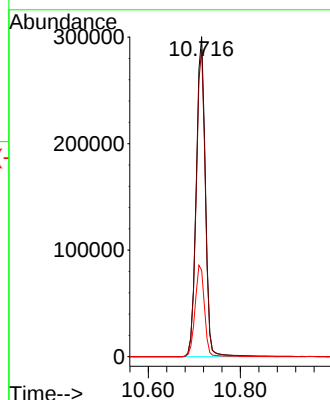
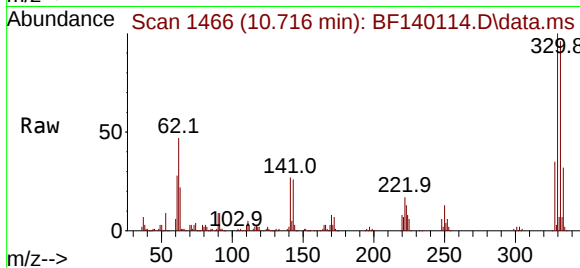
Tgt Ion:330 Resp: 411968

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 29.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.073 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

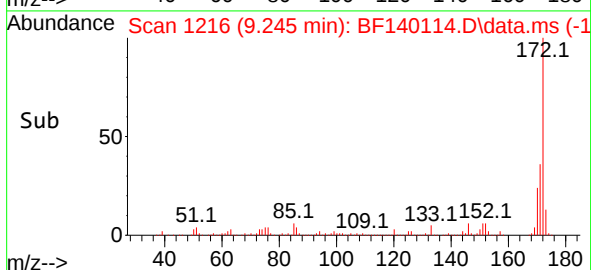
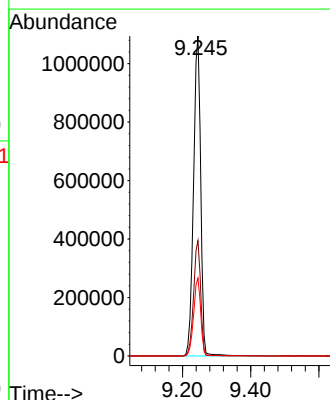
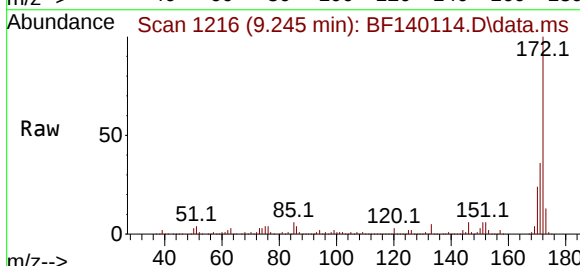
Tgt Ion:172 Resp: 1594438

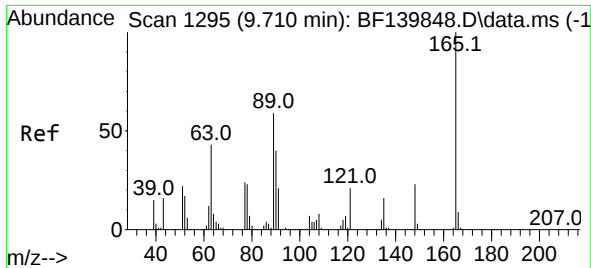
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.1 28.7

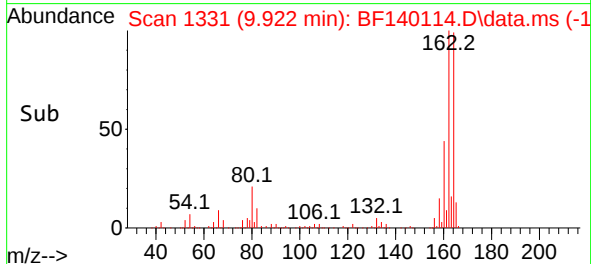
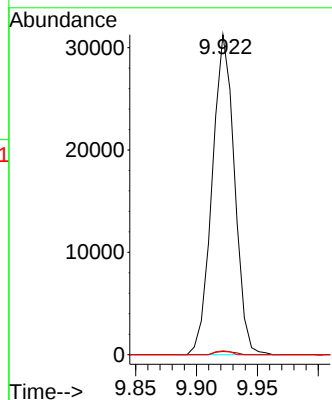
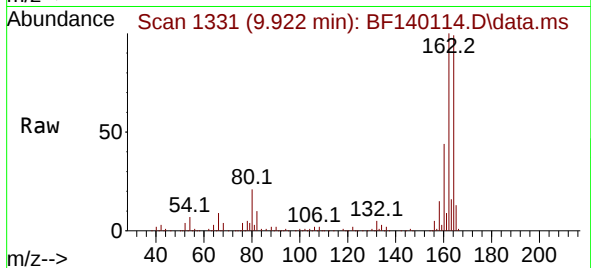




#51
2,6-Dinitrotoluene
Concen: 9.553 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

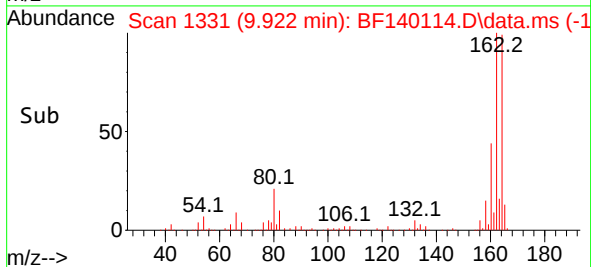
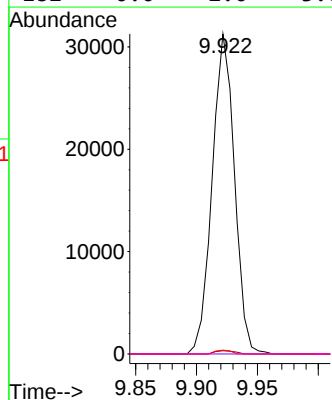
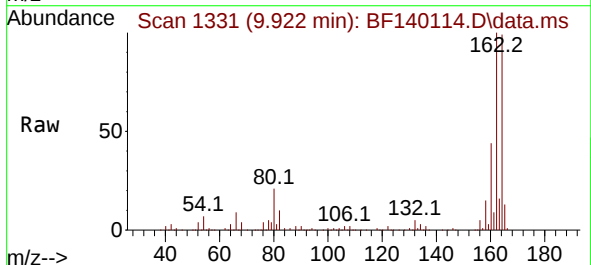
Instrument :
BNA_F
ClientSampleId :
PB164497BL

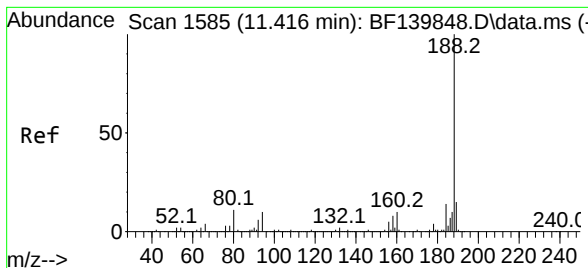
Tgt Ion:165 Resp: 39907
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.768 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion:165 Resp: 39907
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

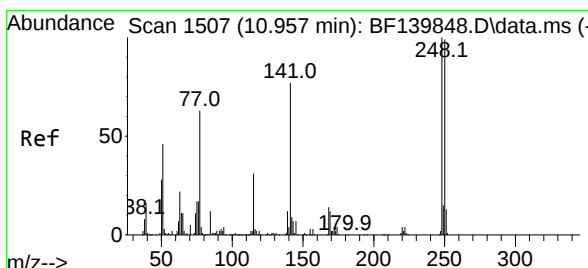
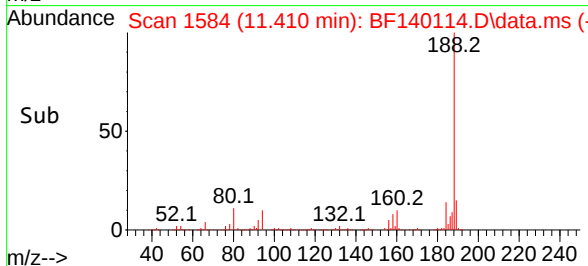
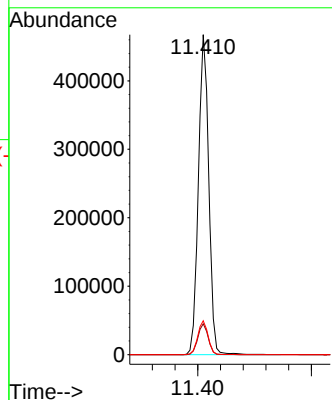
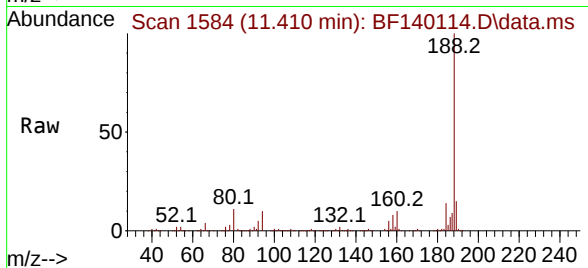
Tgt Ion:188 Resp: 594247

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.335 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

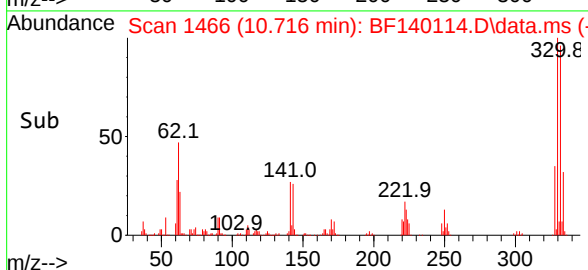
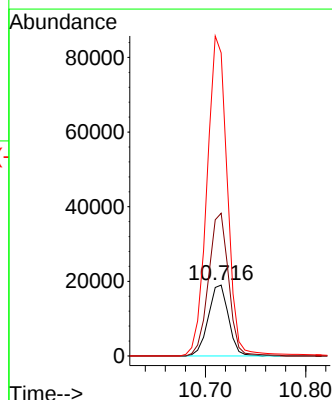
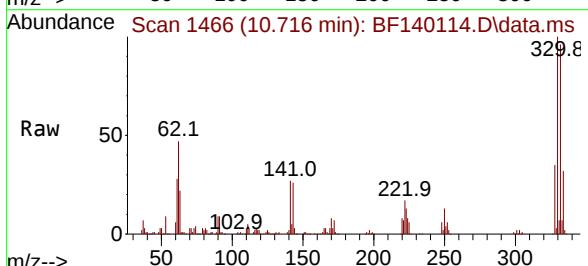
Tgt Ion:248 Resp: 26540

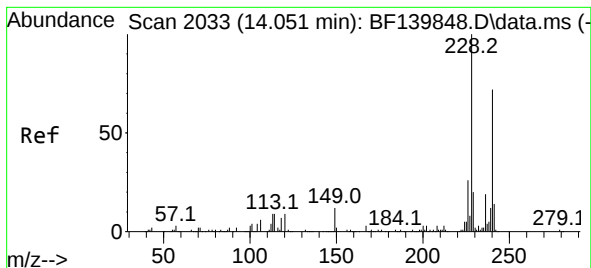
Ion Ratio Lower Upper

248 100

250 201.6 79.0 118.6#

141 427.8 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

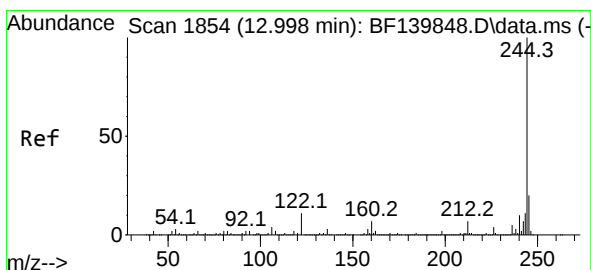
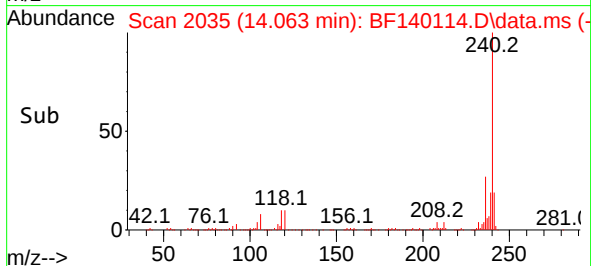
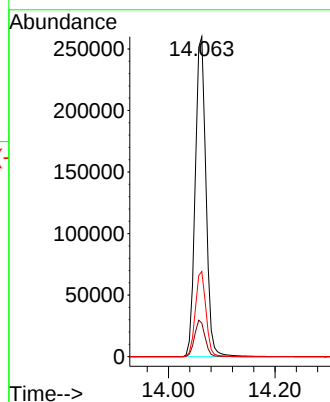
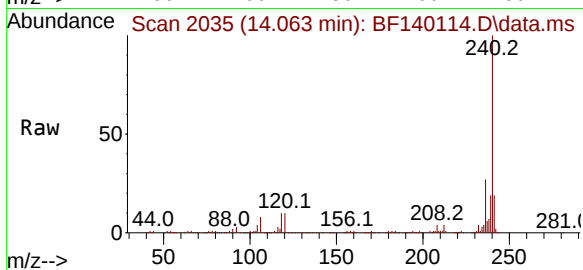
Tgt Ion:240 Resp: 362694

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 87.857 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

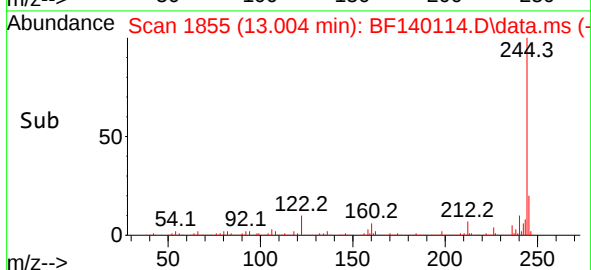
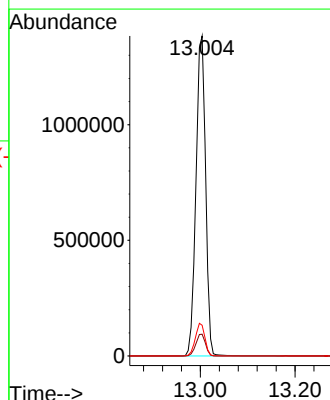
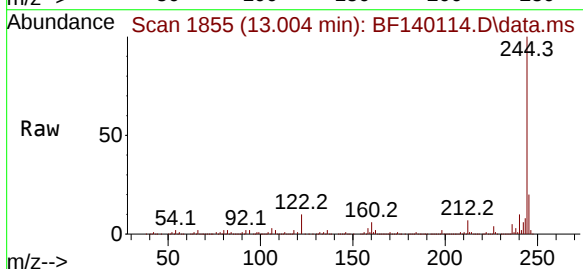
Tgt Ion:244 Resp: 1955554

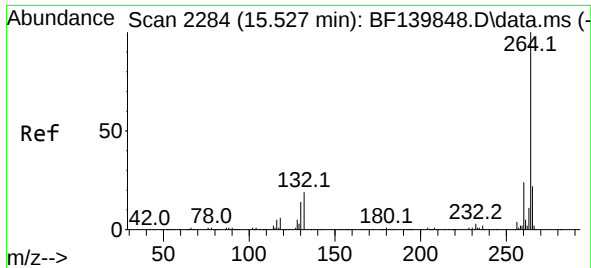
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.6 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF140114.D
 Acq: 29 Oct 2024 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB164497BL

Tgt Ion:264 Resp: 299972
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.4 26.0

