

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140002.D
 Acq On : 24 Oct 2024 15:44
 Operator : RC/JU
 Sample : PB164261TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164261TB

Quant Time: Oct 24 16:17:27 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)

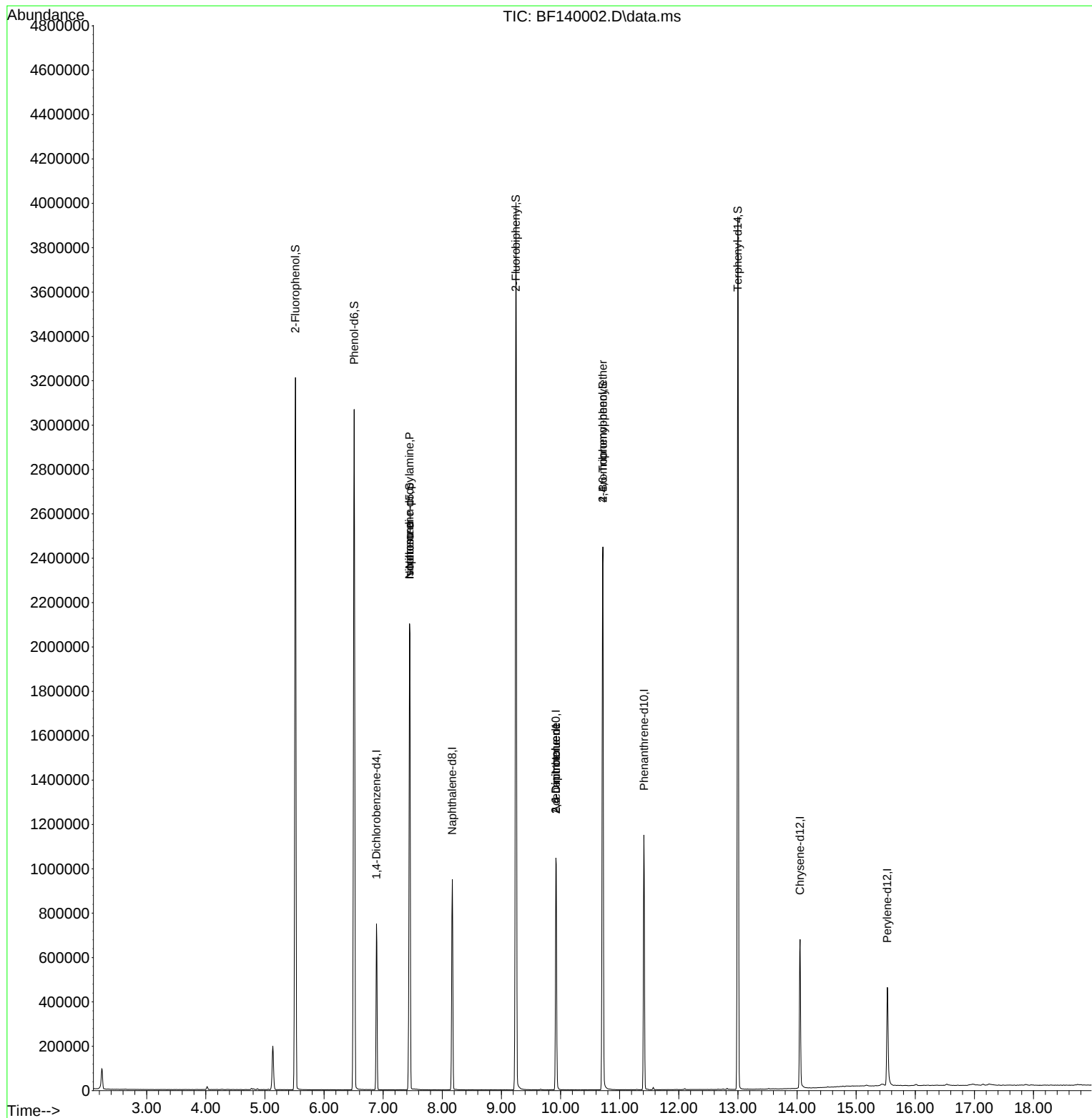
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	152409	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	588451	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	328828	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	603559	20.000	ng	0.00
76) Chrysene-d12	14.051	240	330965	20.000	ng	0.00
86) Perylene-d12	15.527	264	294008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1290384	132.543	ng	0.02
7) Phenol-d6	6.510	99	1614638	128.053	ng	0.00
23) Nitrobenzene-d5	7.445	82	1042581	98.196	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	482295	156.805	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1901605	95.575	ng	0.00
79) Terphenyl-d14	12.998	244	2051645	101.011	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	141290	18.476	ng	# 75
25) Isophorone	7.445	82	1036516	51.436	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42543	9.593	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	42543	7.801	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30572	4.917	ng	# 1

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

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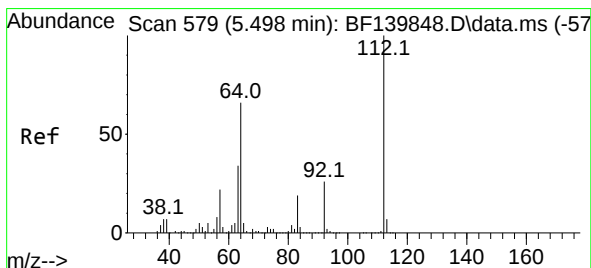
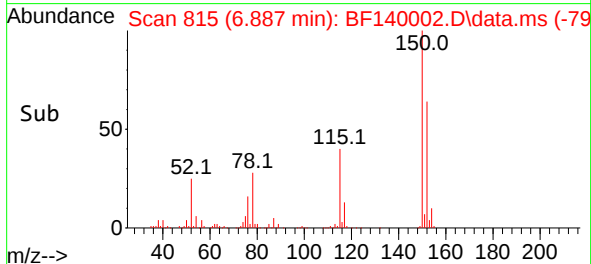
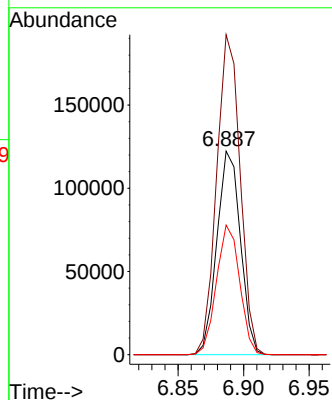
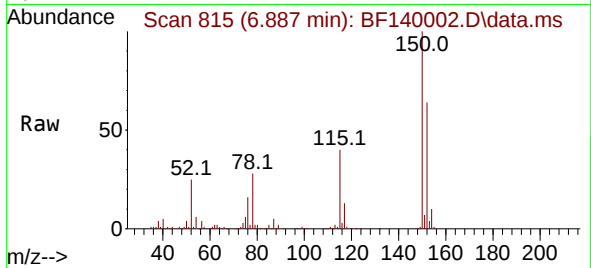




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

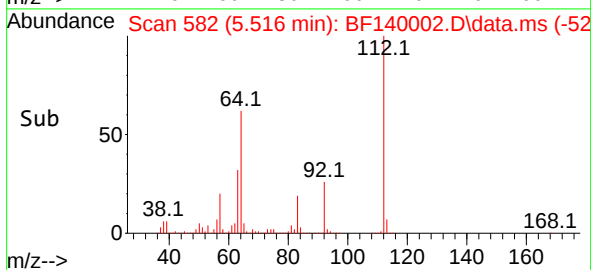
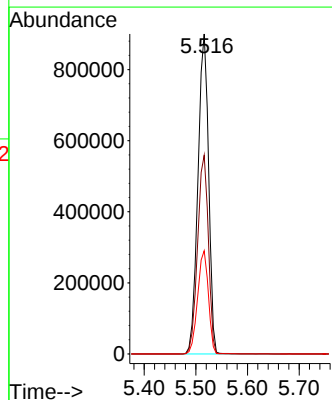
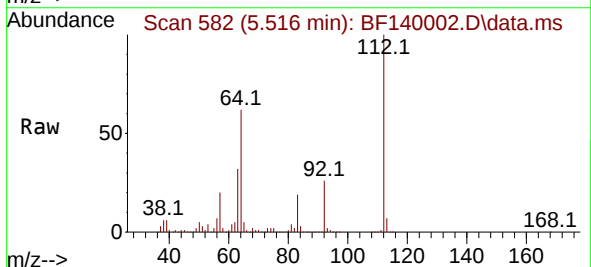
Instrument :
BNA_F
ClientSampleId :
PB164261TB

Tgt Ion:152 Resp: 152409
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 132.543 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Tgt Ion:112 Resp: 1290384
Ion Ratio Lower Upper
112 100
64 62.1 53.0 79.6
63 32.2 27.0 40.4



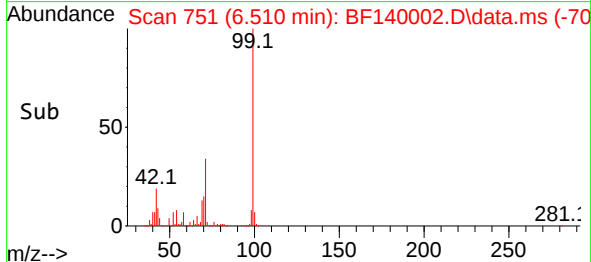
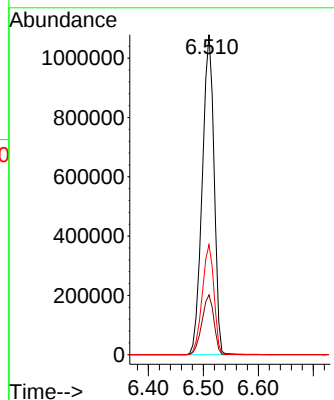
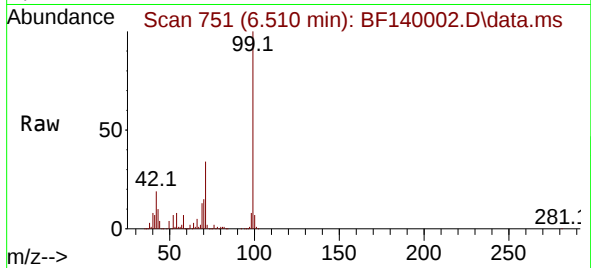


#7
Phenol-d6
Concen: 128.053 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Instrument :
BNA_F
ClientSampleId :
PB164261TB

Tgt Ion: 99 Resp: 1614638

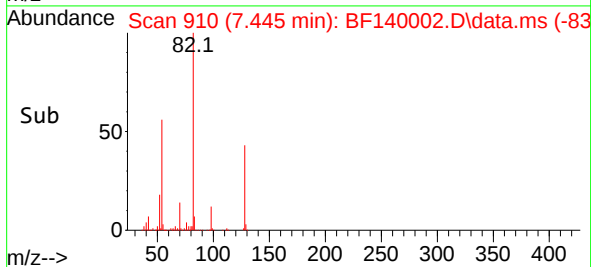
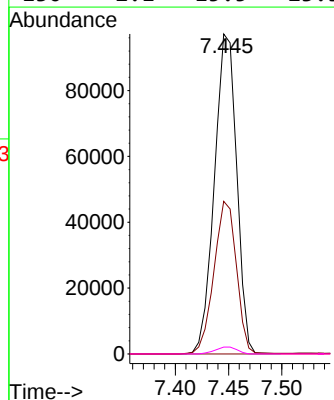
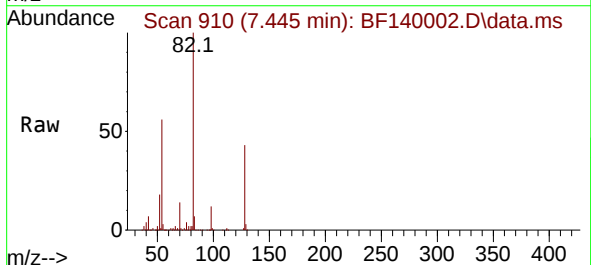
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.7	25.1
71	34.4	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.476 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Tgt Ion: 70 Resp: 141290

Ion	Ratio	Lower	Upper
70	100		
42	47.7	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

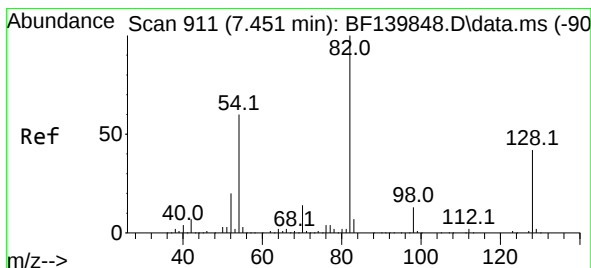
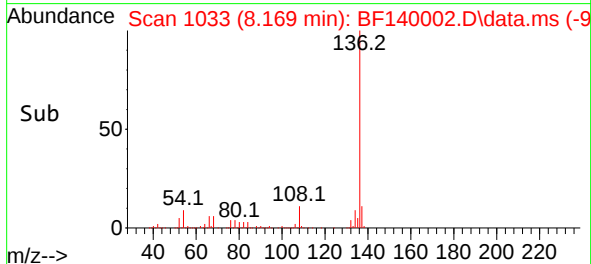
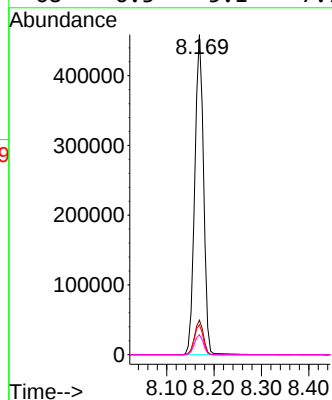
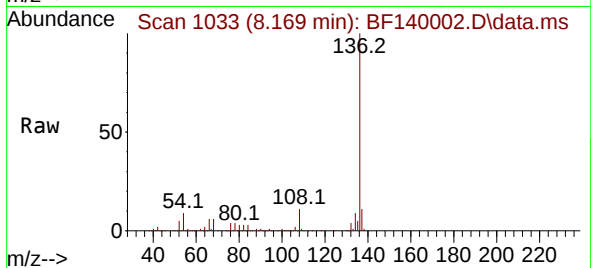
Instrument :

BNA_F

ClientSampleId :

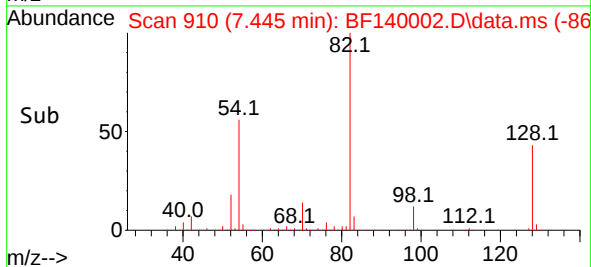
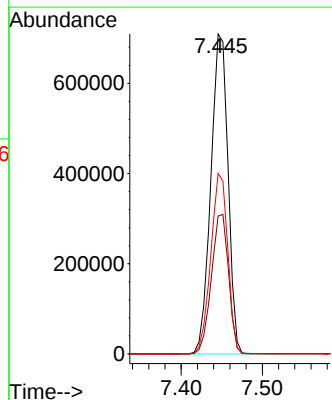
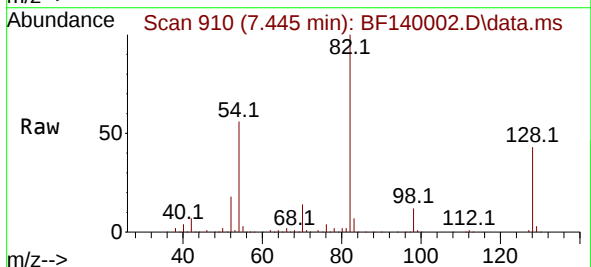
PB164261TB

Tgt Ion:136 Resp: 588451
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 8.4 12.6
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.196 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Tgt Ion: 82 Resp: 1042581
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.0
54 56.4 47.8 71.8

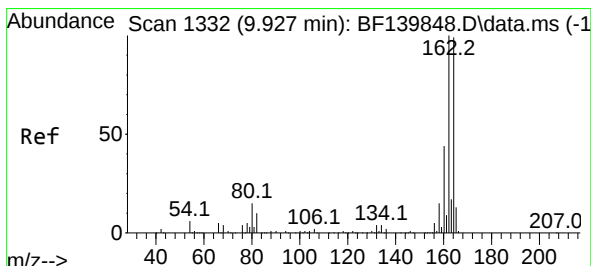
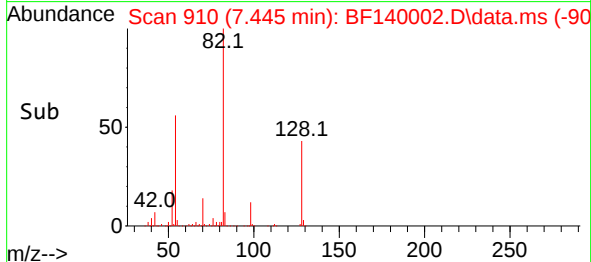
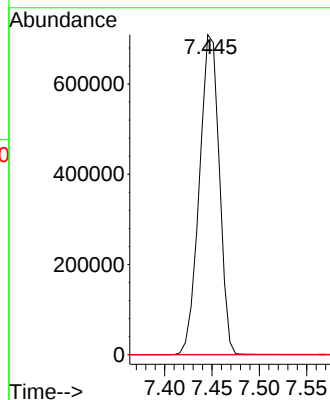
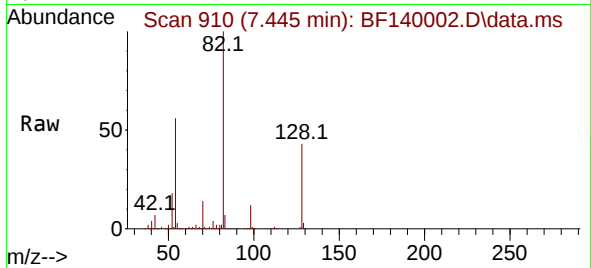




#25
Isophorone
Concen: 51.436 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

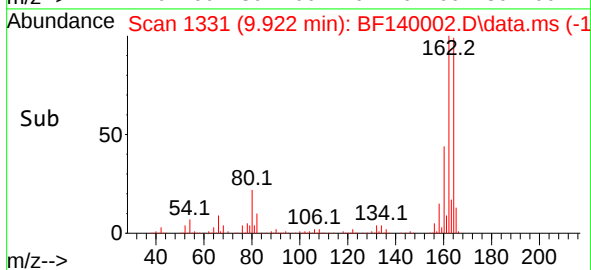
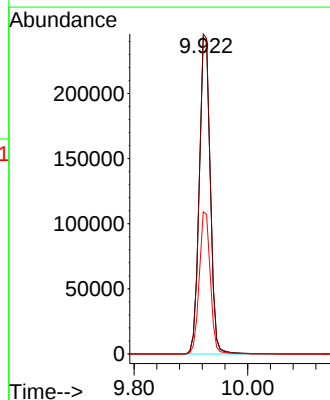
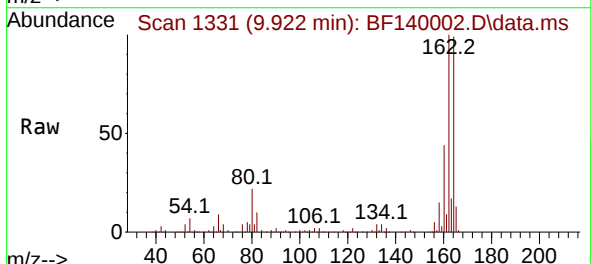
Instrument :
BNA_F
ClientSampleId :
PB164261TB

Tgt Ion: 82 Resp: 1036516
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: BF140002.D
Acq: 24 Oct 2024 15:44

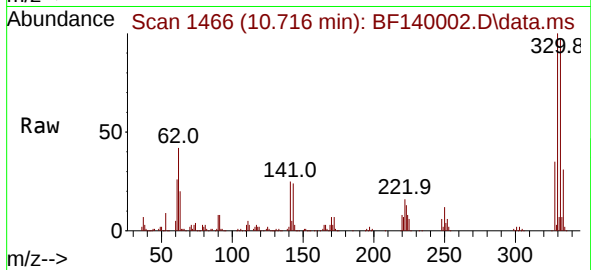
Tgt Ion: 164 Resp: 328828
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.9 35.4 53.0



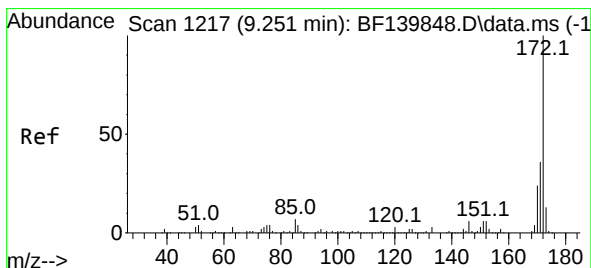
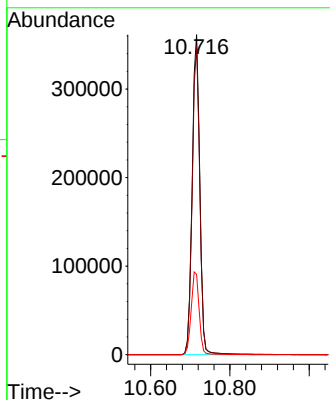
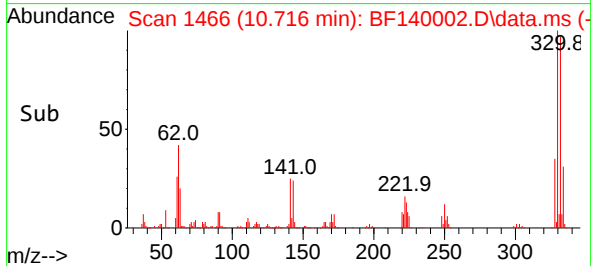


#42
2,4,6-Tribromophenol
Concen: 156.805 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

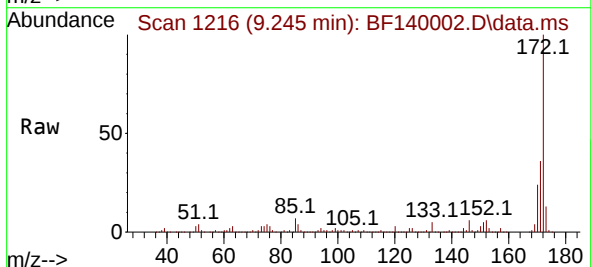
Instrument :
BNA_F
ClientSampleId :
PB164261TB



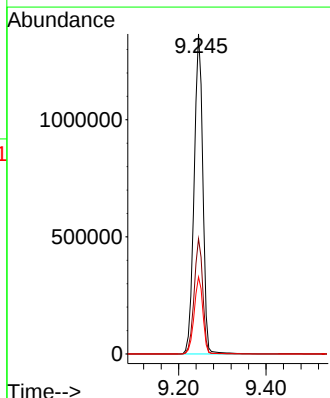
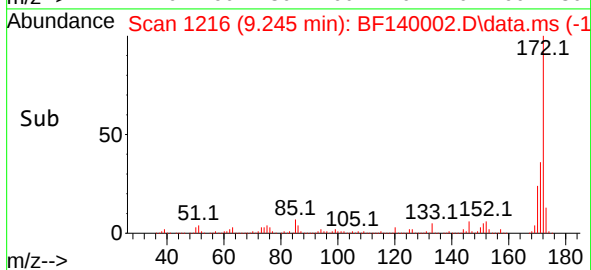
Tgt Ion:330 Resp: 482295
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 27.1 26.6 39.8

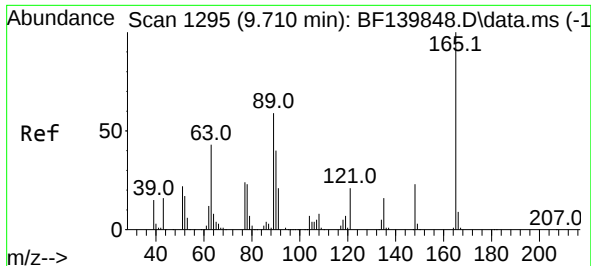


#45
2-Fluorobiphenyl
Concen: 95.575 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44



Tgt Ion:172 Resp: 1901605
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7

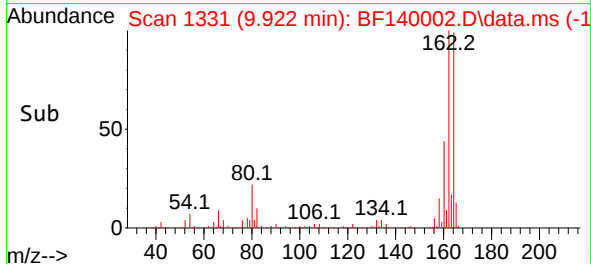
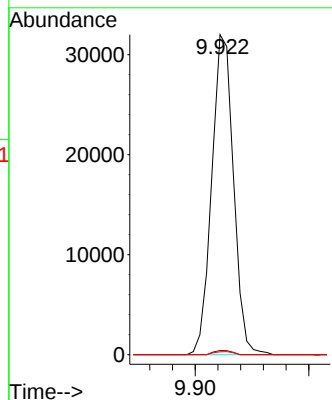
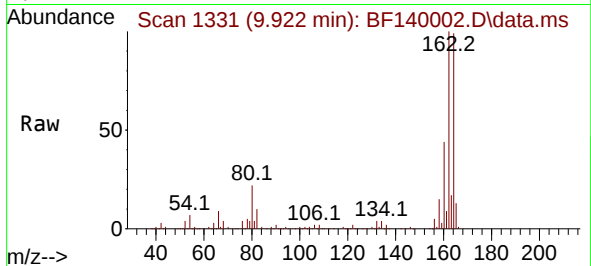




#51
2,6-Dinitrotoluene
Concen: 9.593 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

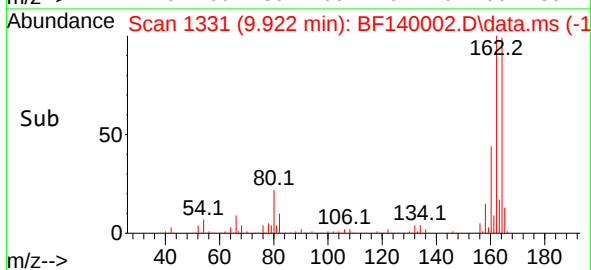
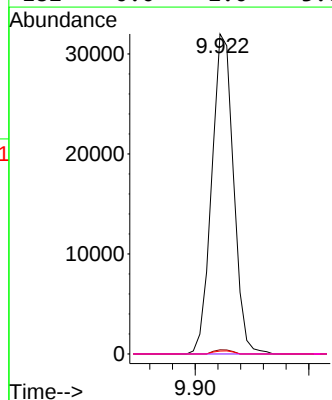
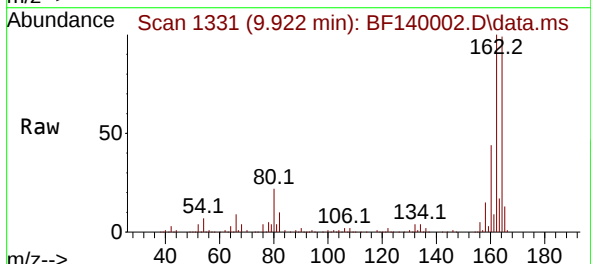
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BNA_F
ClientSampleId :
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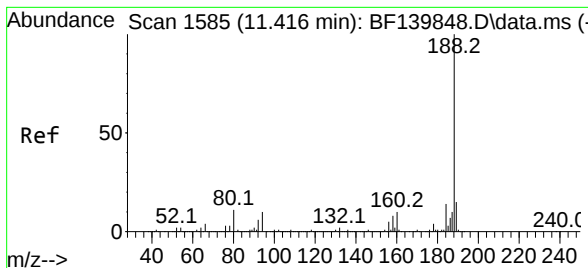
Tgt Ion:165 Resp: 42543
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 0.9 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.801 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Tgt Ion:165 Resp: 42543
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 0.9 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140002.D

Acq: 24 Oct 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB164261TB

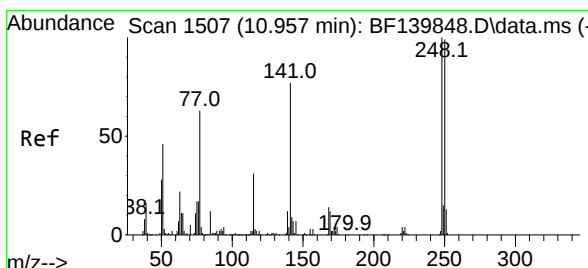
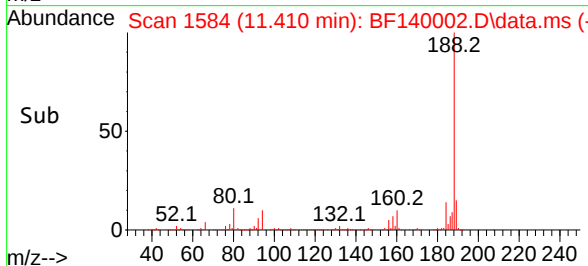
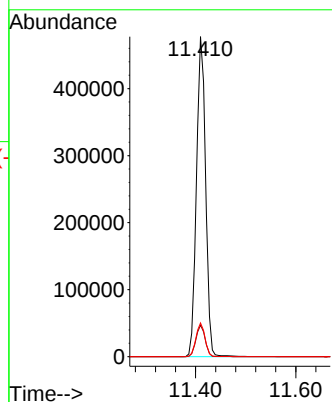
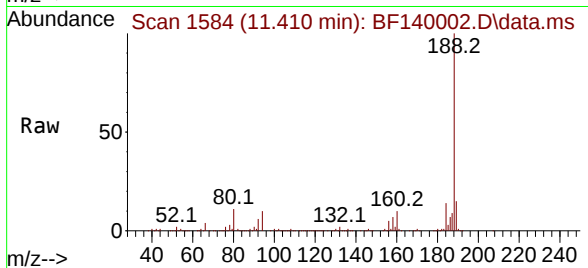
Tgt Ion:188 Resp: 603559

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.917 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140002.D

Acq: 24 Oct 2024 15:44

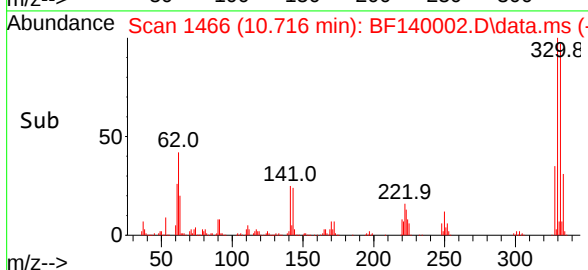
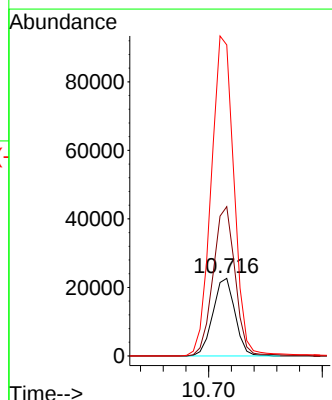
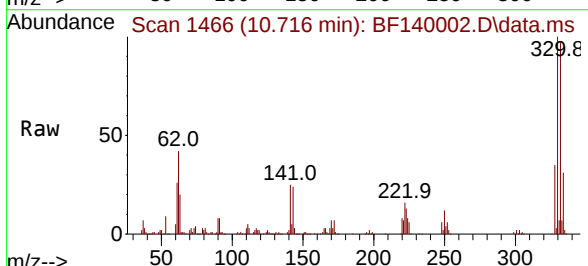
Tgt Ion:248 Resp: 30572

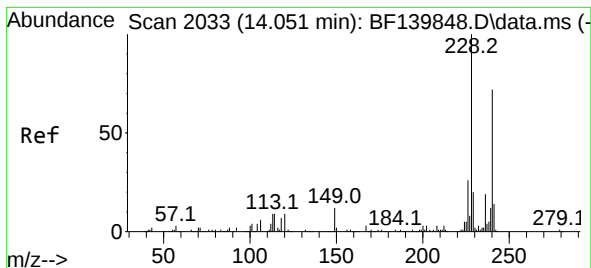
Ion Ratio Lower Upper

248 100

250 192.2 79.0 118.6#

141 400.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140002.D

Acq: 24 Oct 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB164261TB

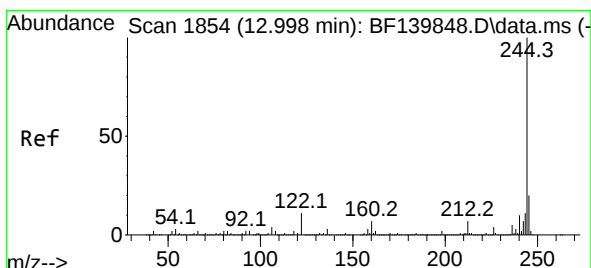
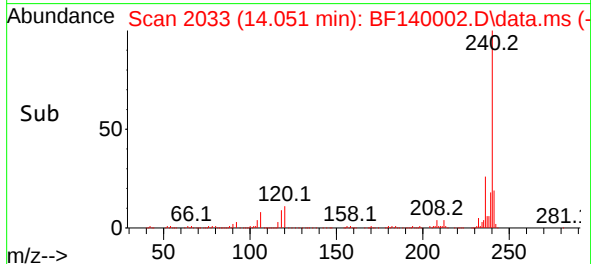
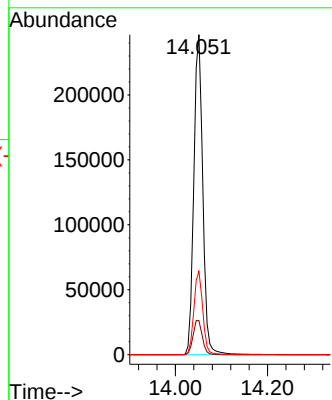
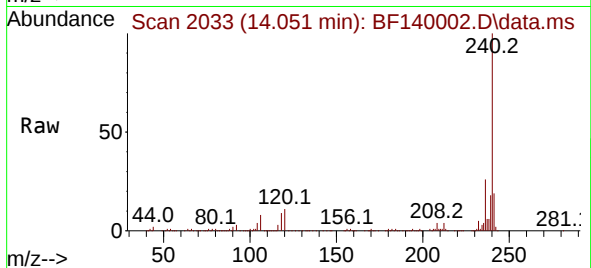
Tgt Ion:240 Resp: 330965

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 101.011 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140002.D

Acq: 24 Oct 2024 15:44

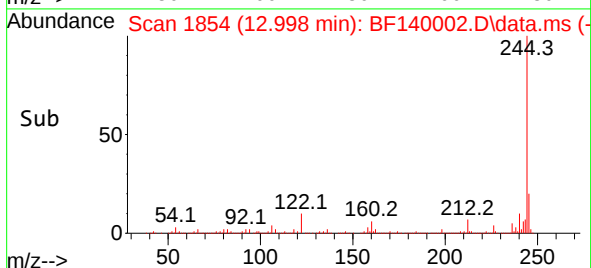
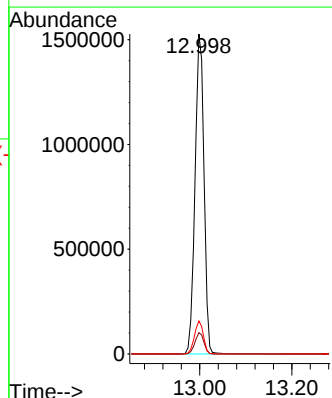
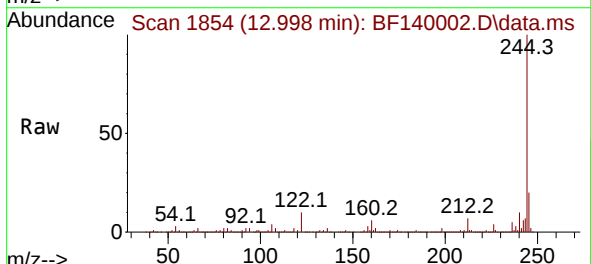
Tgt Ion:244 Resp: 2051645

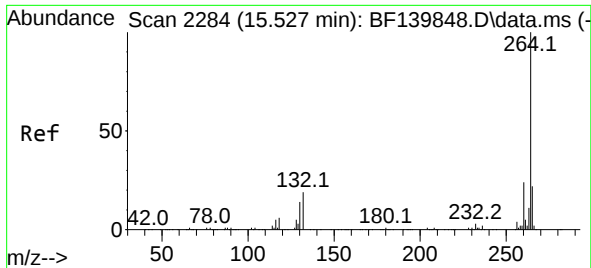
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140002.D
Acq: 24 Oct 2024 15:44

Instrument :
BNA_F
ClientSampleId :
PB164261TB

Tgt Ion:264 Resp: 294008
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.3 17.4 26.0

