

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140364.D
 Acq On : 14 Nov 2024 16:04
 Operator : RC/JU
 Sample : P4812-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

Quant Time: Nov 14 16:29:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

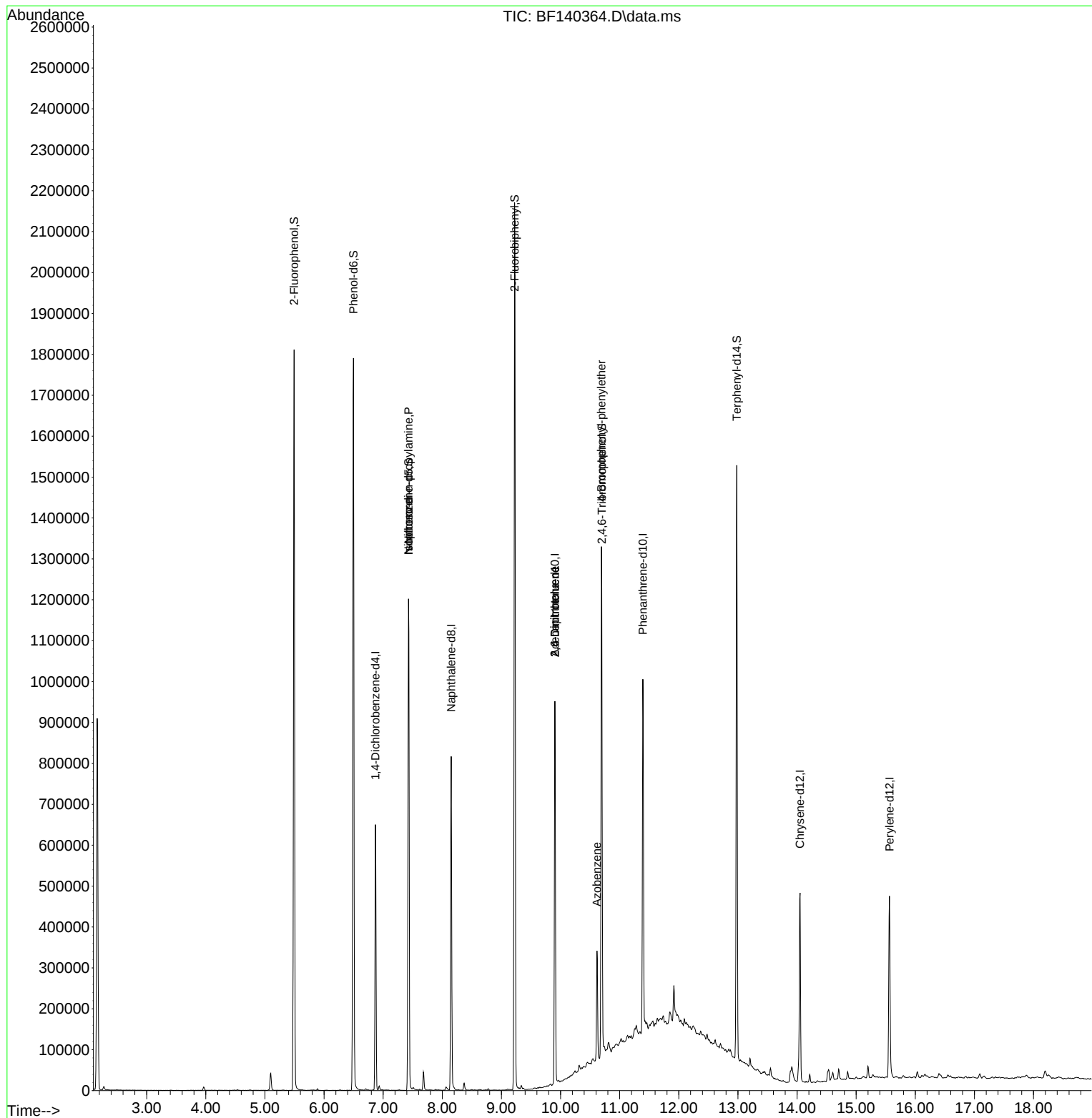
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135058	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	505323	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	273218	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	459205	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	226144	20.000	ng	0.00
86) Perylene-d12	15.563	264	260194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	667748	84.416	ng	0.00
7) Phenol-d6	6.498	99	879950	82.107	ng	0.00
23) Nitrobenzene-d5	7.428	82	565396	58.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	208623	76.786	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	981092	57.725	ng	-0.01
79) Terphenyl-d14	12.980	244	703330	53.985	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	77022	11.900	ng	# 77
25) Isophorone	7.428	82	558092	32.468	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	36699	9.039	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	36754	6.879	ng	# 20
63) Azobenzene	10.616	77	70162	3.899	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	13943	3.038	ng	# 1

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

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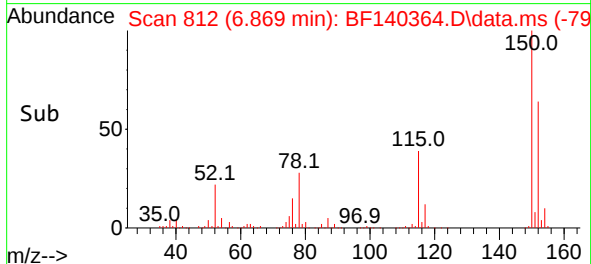
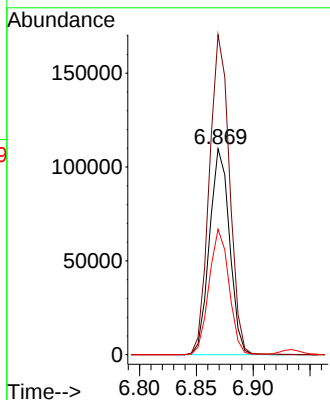
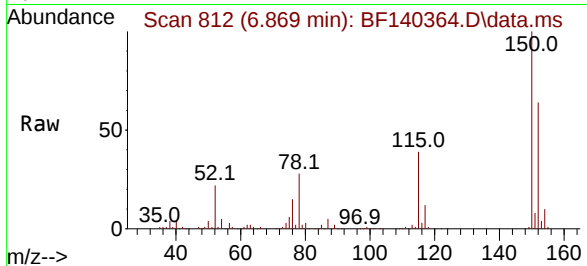




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

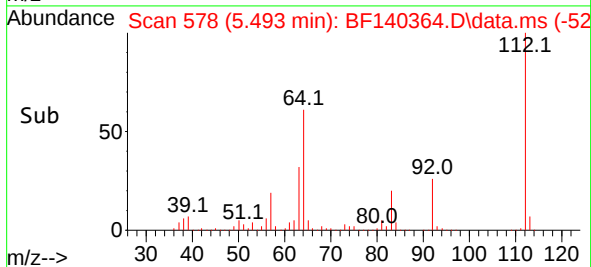
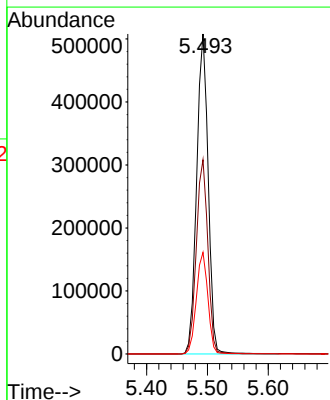
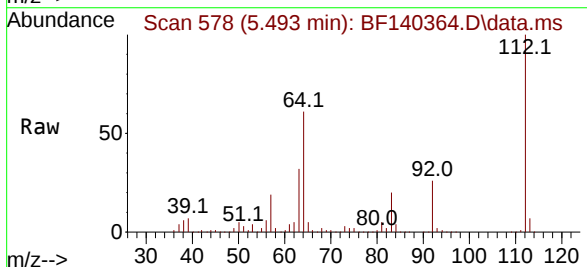
Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion:152 Resp: 135058
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 60.9 47.4 71.2



#5
2-Fluorophenol
Concen: 84.416 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:112 Resp: 667748
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.8 25.6 38.4

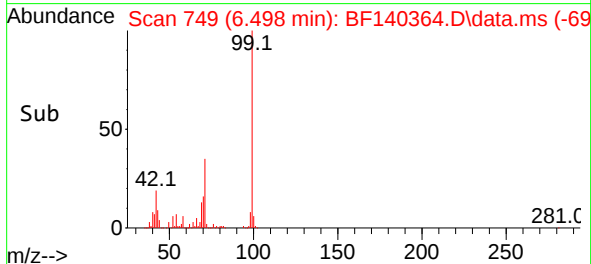
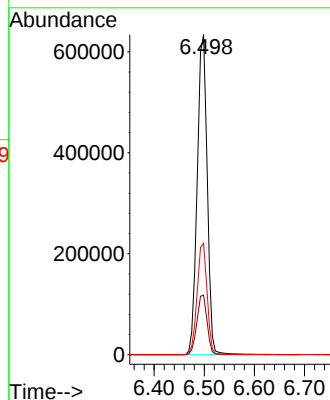
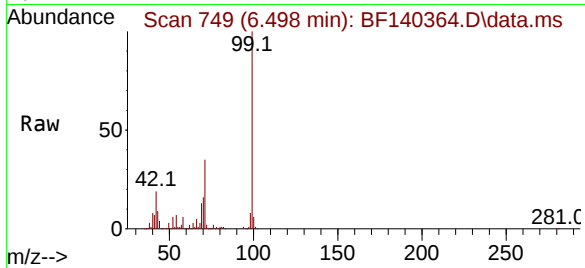




#7
Phenol-d6
Concen: 82.107 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

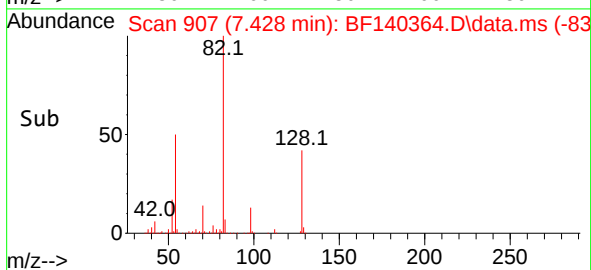
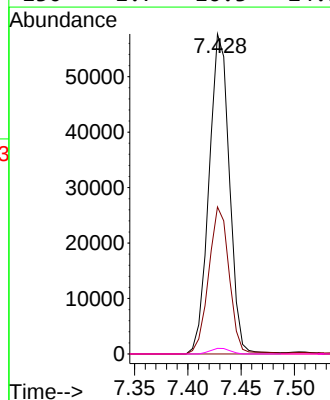
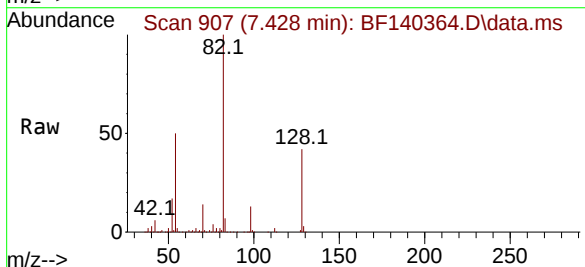
Instrument :
BNA_F
ClientSampleId :
RBR200035

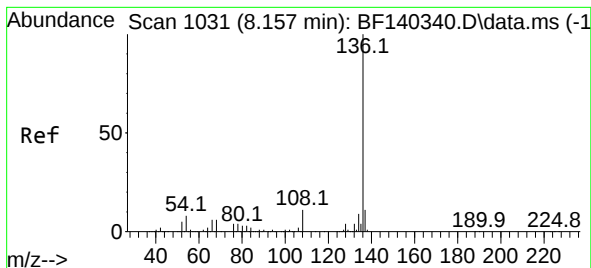
Tgt Ion: 99 Resp: 879950
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 34.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.900 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion: 70 Resp: 77022
Ion Ratio Lower Upper
70 100
42 46.0 46.8 70.2#
101 0.0 7.5 11.3#
130 1.7 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Instrument :

BNA_F

ClientSampleId :

RBR200035

Tgt Ion:136 Resp: 505323

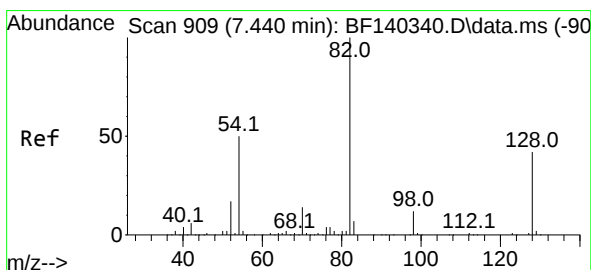
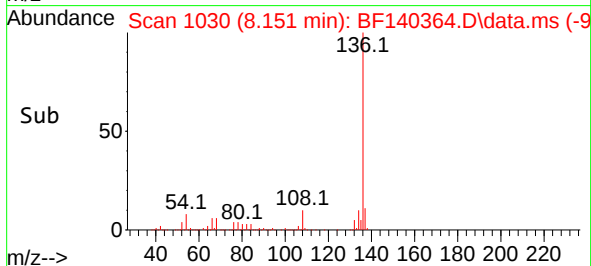
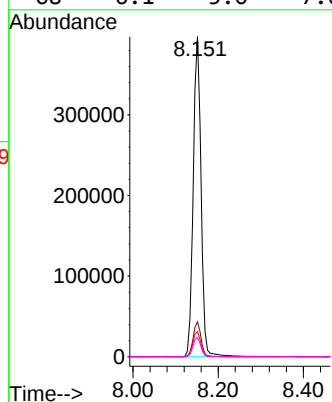
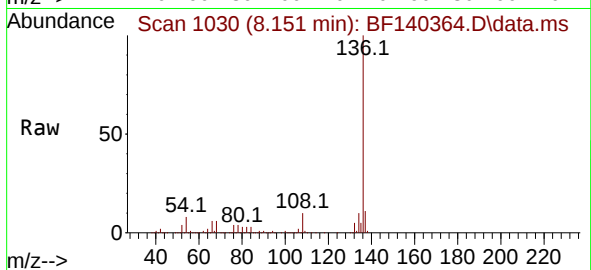
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 6.5 9.7

68 6.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 58.297 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

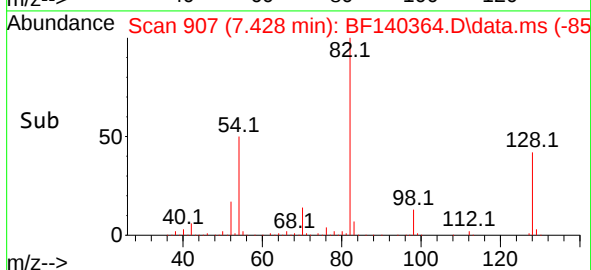
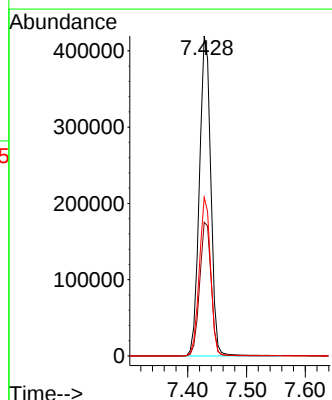
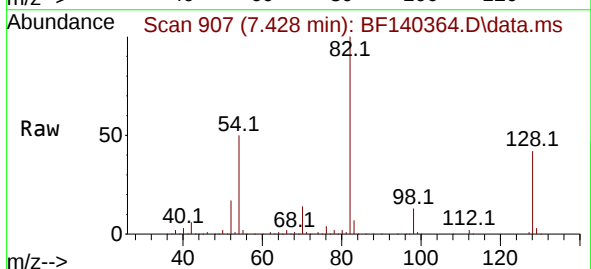
Tgt Ion: 82 Resp: 565396

Ion Ratio Lower Upper

82 100

128 41.8 33.3 49.9

54 49.5 39.8 59.8

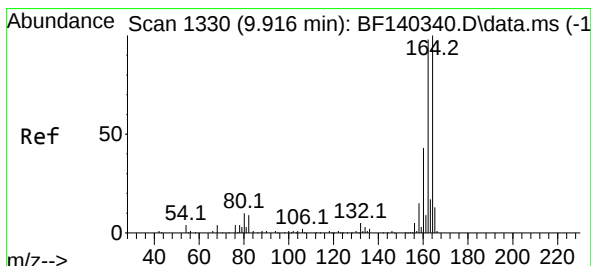
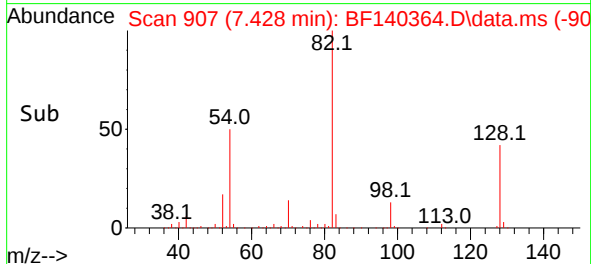
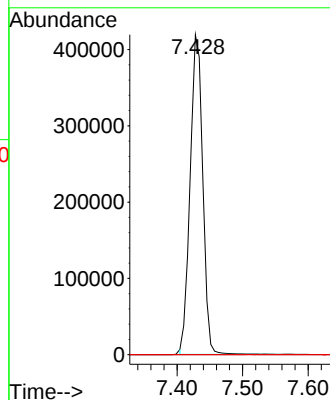
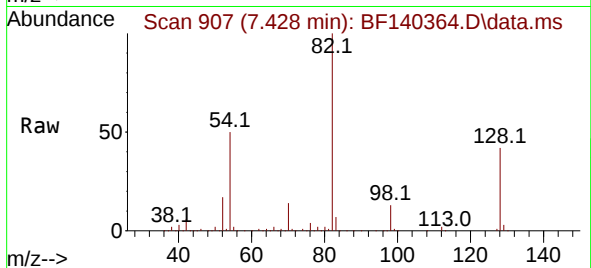




#25
Isophorone
Concen: 32.468 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

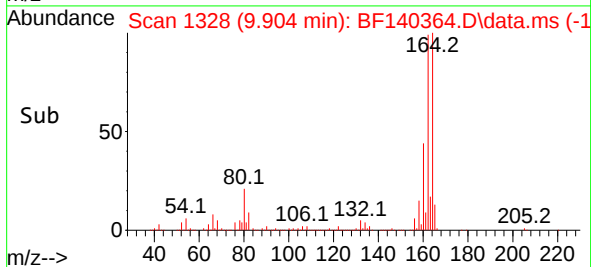
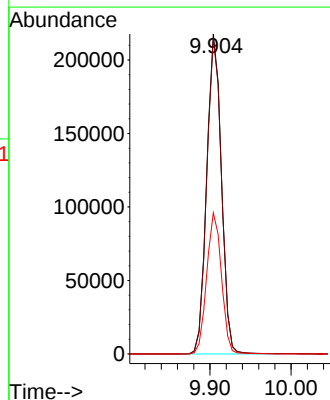
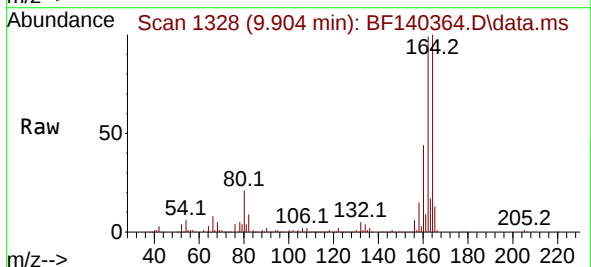
Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion: 82 Resp: 558092
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

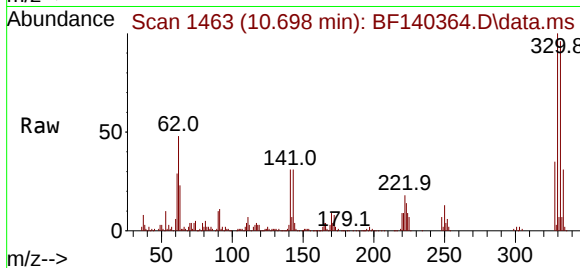
Tgt Ion:164 Resp: 273218
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 44.1 35.4 53.0



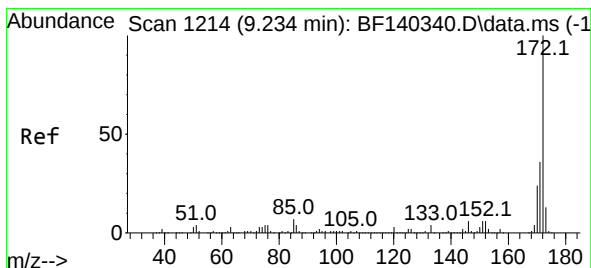
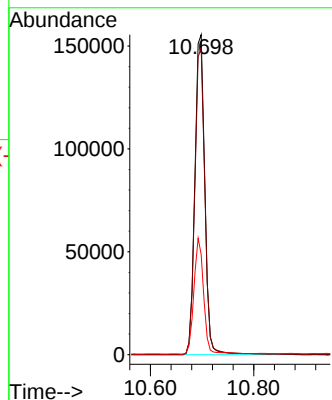
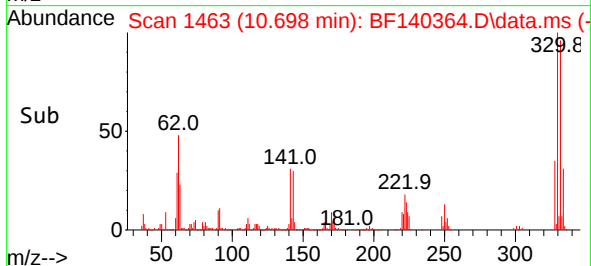


#42
2,4,6-Tribromophenol
Concen: 76.786 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

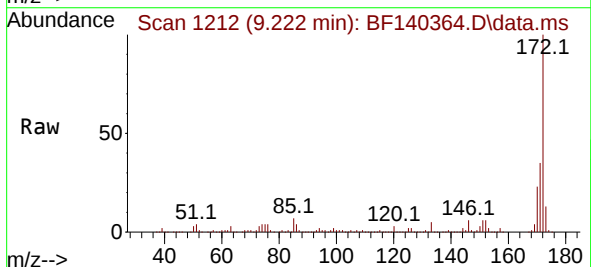
Instrument :
BNA_F
ClientSampleId :
RBR200035



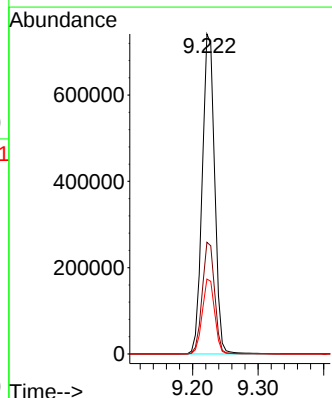
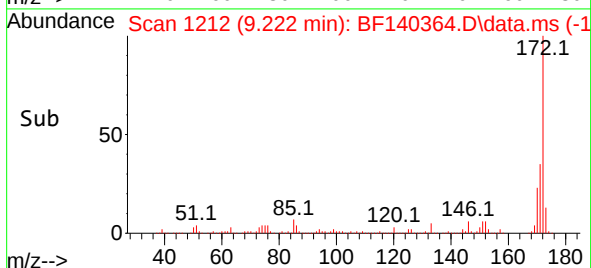
Tgt Ion: 330 Resp: 208623
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 35.0 26.9 40.3

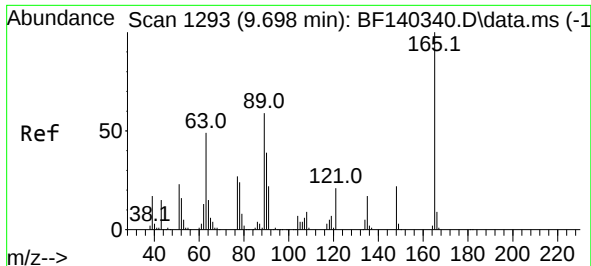


#45
2-Fluorobiphenyl
Concen: 57.725 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04



Tgt Ion: 172 Resp: 981092
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.4 19.1 28.7

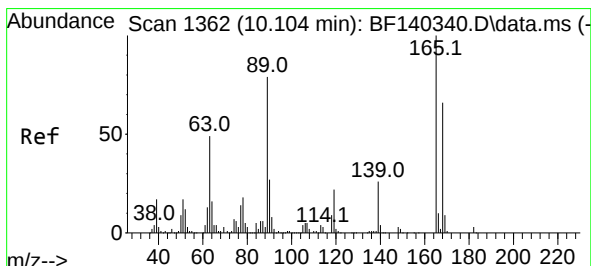
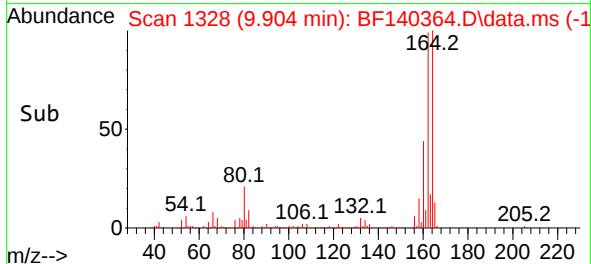
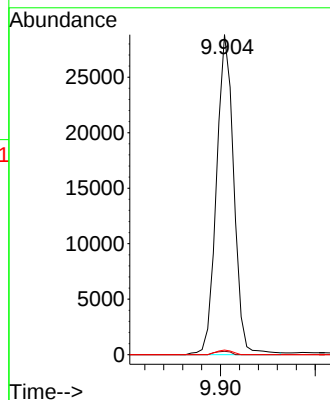
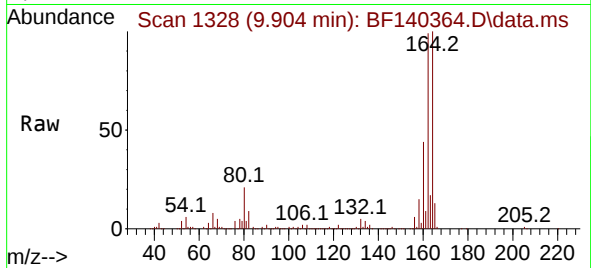




#51
2,6-Dinitrotoluene
Concen: 9.039 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

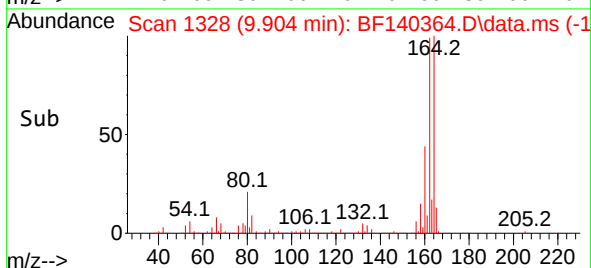
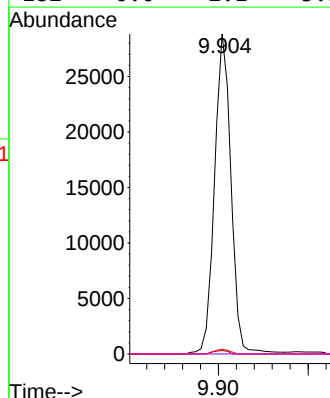
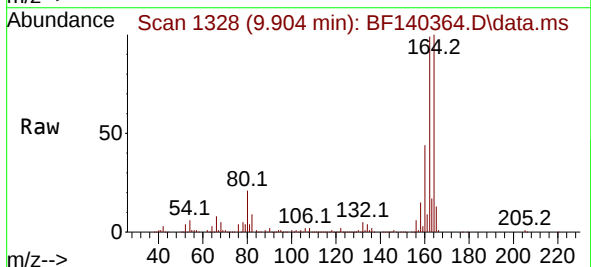
Instrument :
BNA_F
ClientSampleId :
RBR200035

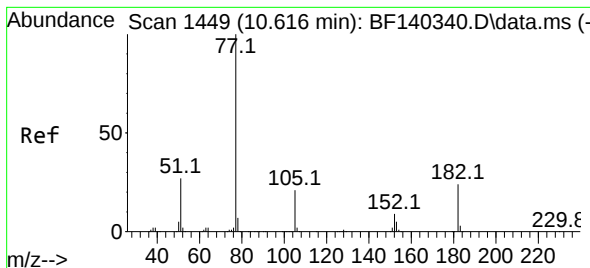
Tgt Ion:165 Resp: 36699
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:165 Resp: 36754
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.899 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Instrument :

BNA_F

ClientSampleId :

RBR200035

Tgt Ion: 77 Resp: 70162

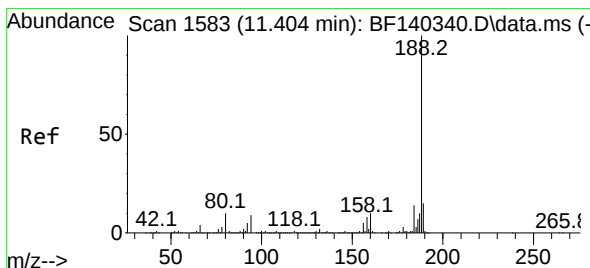
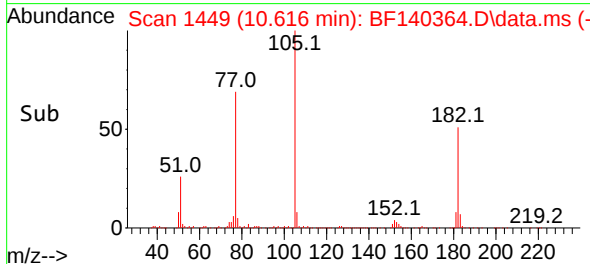
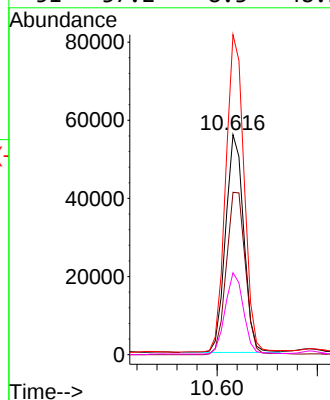
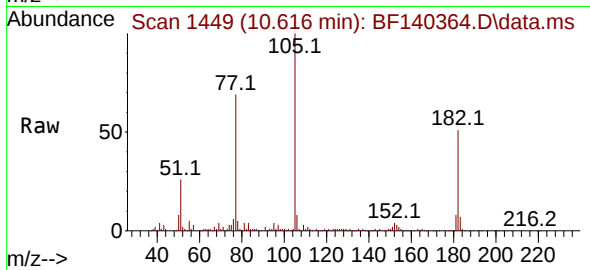
Ion Ratio Lower Upper

77 100

182 73.8 4.6 44.6#

105 145.4 0.9 40.9#

51 37.2 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

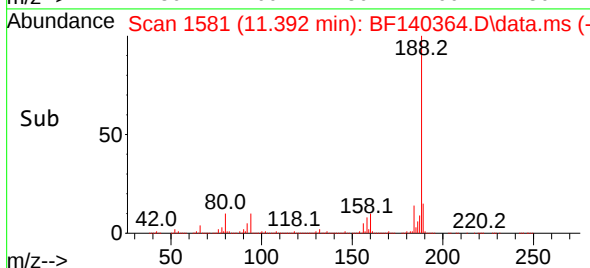
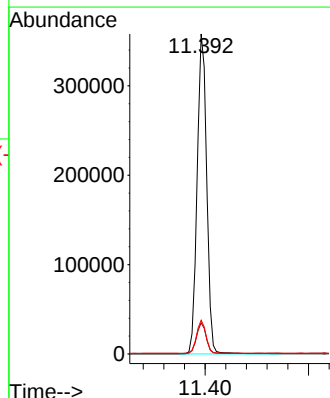
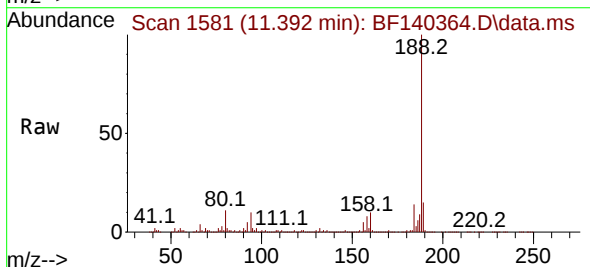
Tgt Ion: 188 Resp: 459205

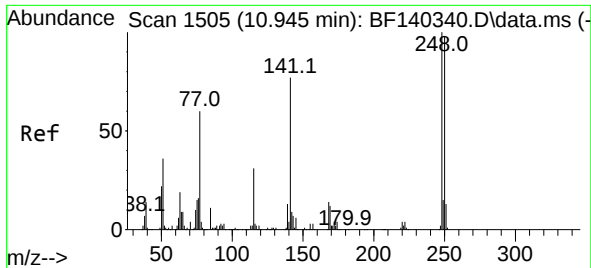
Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.5 8.0 12.0

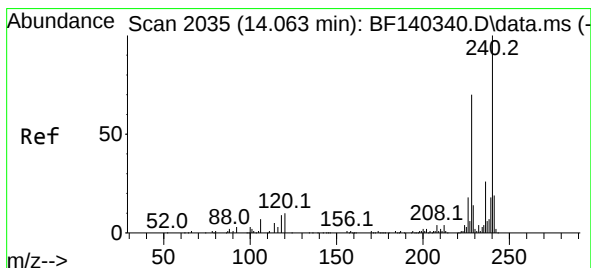
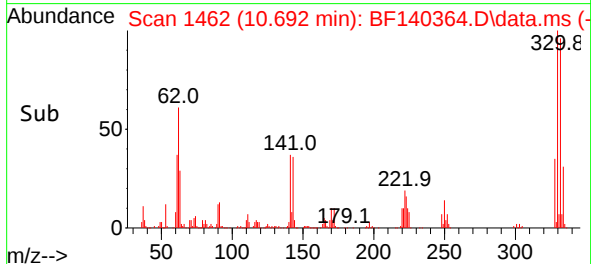
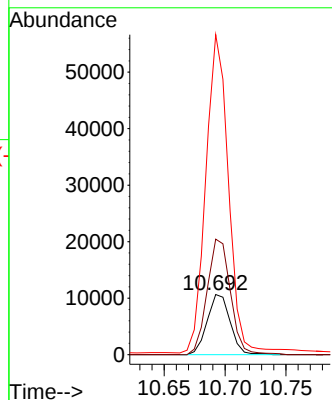
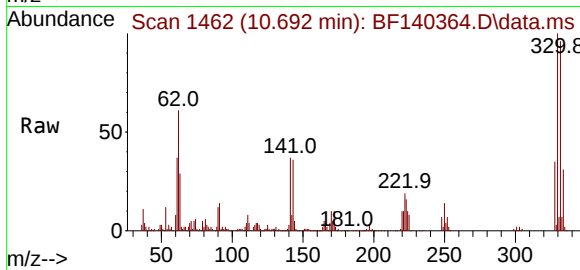




#67
4-Bromophenyl-phenylether
Concen: 3.038 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

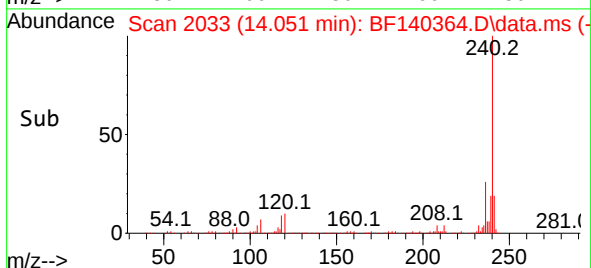
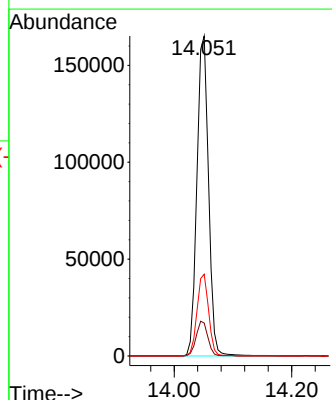
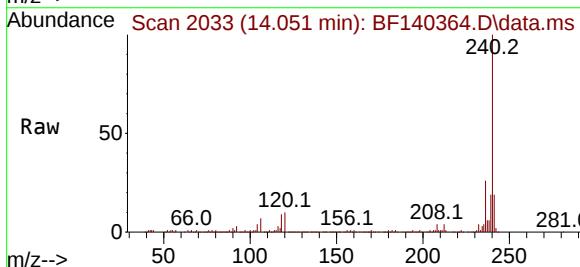
Instrument :
BNA_F
ClientSampleId :
RBR200035

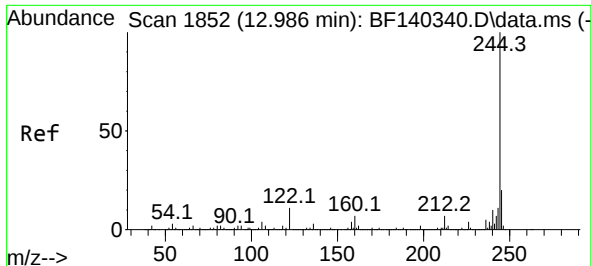
Tgt Ion:248 Resp: 13943
Ion Ratio Lower Upper
248 100
250 192.3 77.9 116.9#
141 532.5 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140364.D
Acq: 14 Nov 2024 16:04

Tgt Ion:240 Resp: 226144
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 53.985 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Instrument :

BNA_F

ClientSampleId :

RBR200035

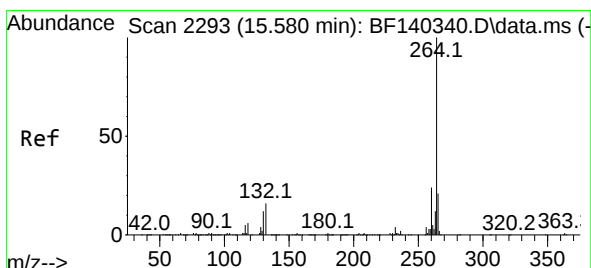
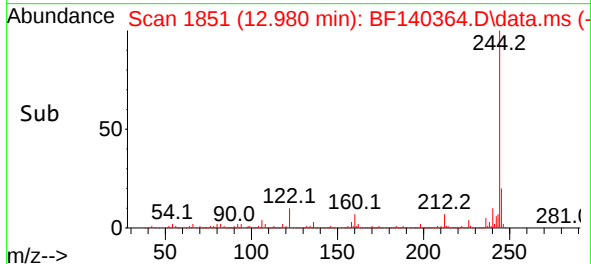
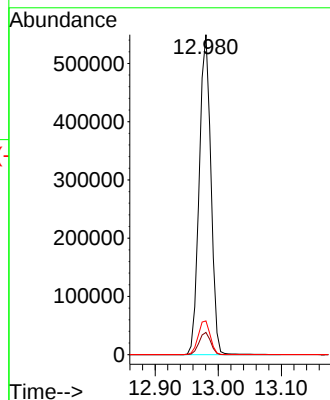
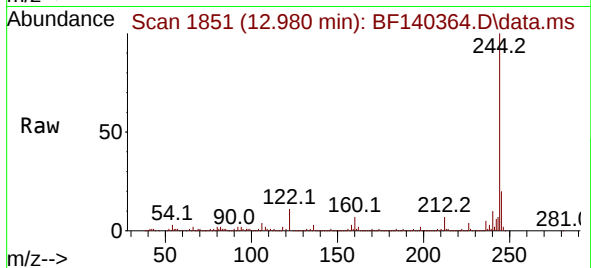
Tgt Ion:244 Resp: 703330

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140364.D

Acq: 14 Nov 2024 16:04

Tgt Ion:264 Resp: 260194

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.9 17.1 25.7

