

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140464.D
 Acq On : 19 Nov 2024 11:00
 Operator : RC/JU
 Sample : PB165019TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165019TB

Quant Time: Nov 19 11:22:32 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)

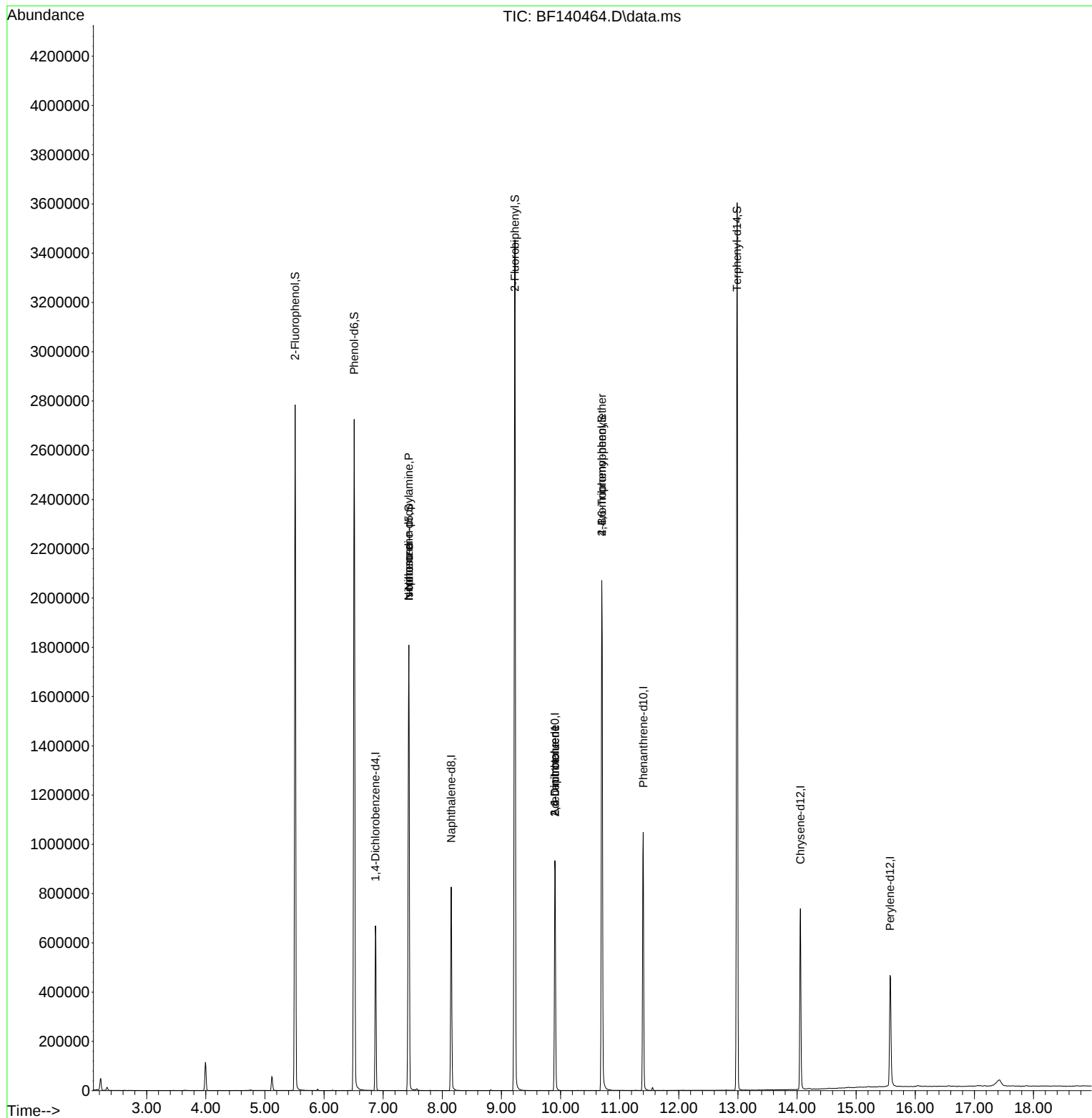
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	144350	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	545389	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	303191	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	576588	20.000	ng	0.00
76) Chrysene-d12	14.057	240	369743	20.000	ng	0.00
86) Perylene-d12	15.574	264	301857	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062437	125.666	ng	0.02
7) Phenol-d6	6.510	99	1388624	121.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	906002	86.553	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	374546	124.228	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1651526	87.565	ng	0.00
79) Terphenyl-d14	12.986	244	1829349	85.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	119863	17.326	ng	# 77
25) Isophorone	7.434	82	897440	48.375	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	38991	8.654	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	38991	6.576	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	24247	4.207	ng	# 1

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

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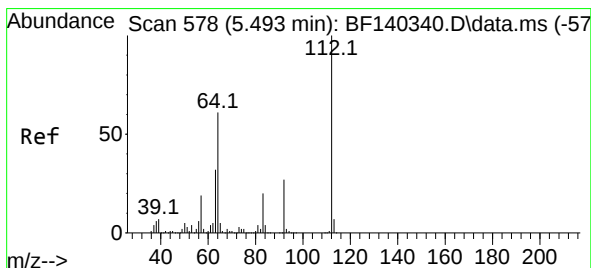
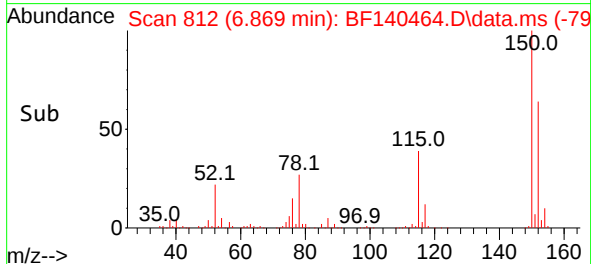
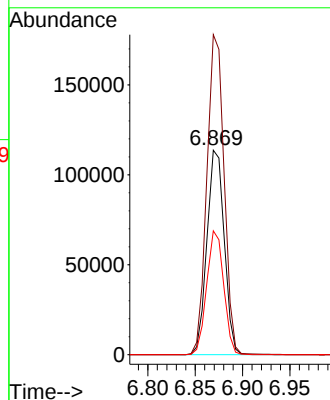
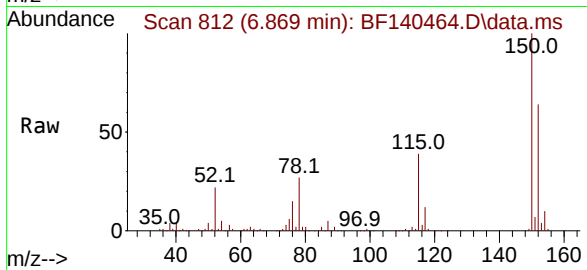




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

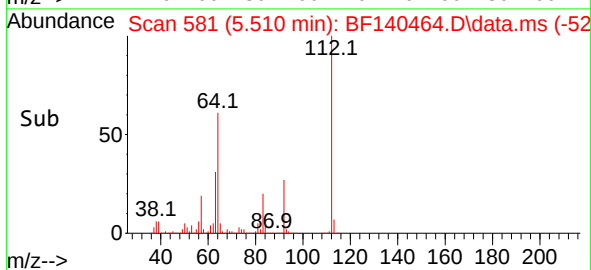
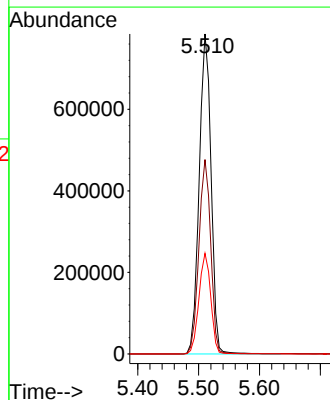
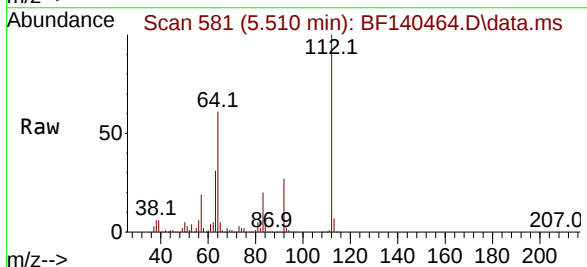
Instrument :
BNA_F
ClientSampleId :
PB165019TB

Tgt Ion:152 Resp: 144350
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.6 47.4 71.2



#5
2-Fluorophenol
Concen: 125.666 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion:112 Resp: 1062437
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 31.5 25.6 38.4

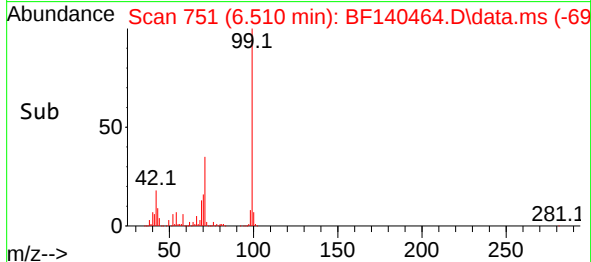
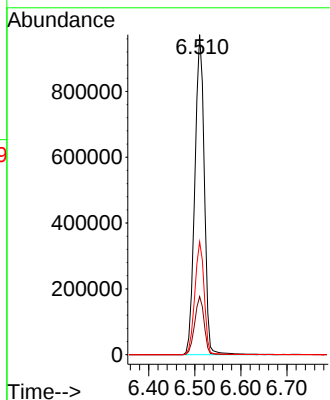
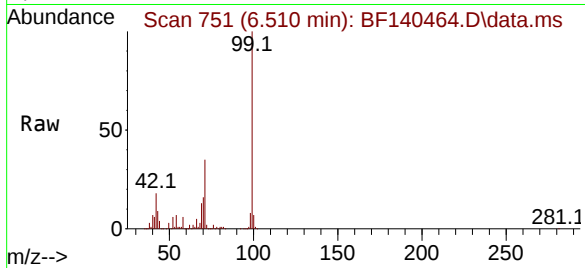




#7
Phenol-d6
Concen: 121.230 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

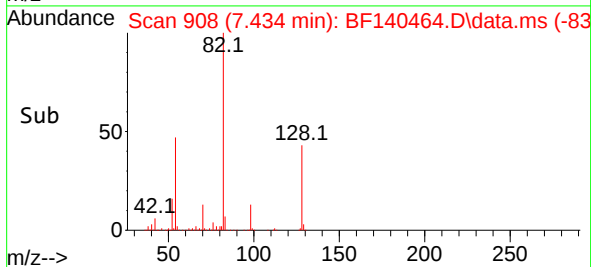
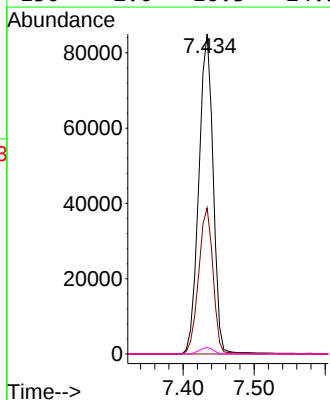
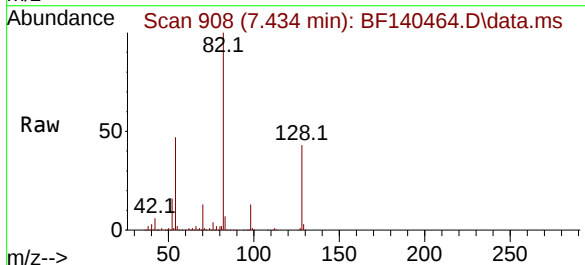
Instrument :
BNA_F
ClientSampleId :
PB165019TB

Tgt Ion: 99 Resp: 1388624
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.326 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion: 70 Resp: 119863
Ion Ratio Lower Upper
70 100
42 45.7 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

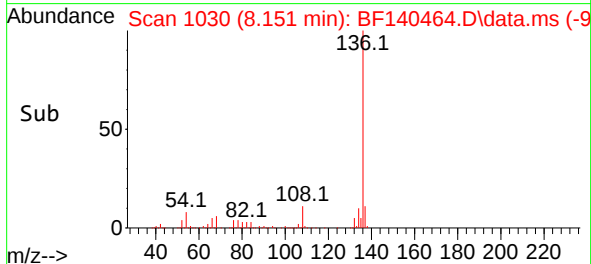
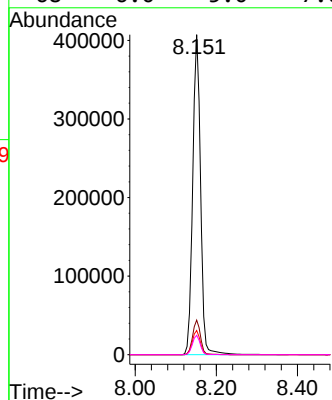
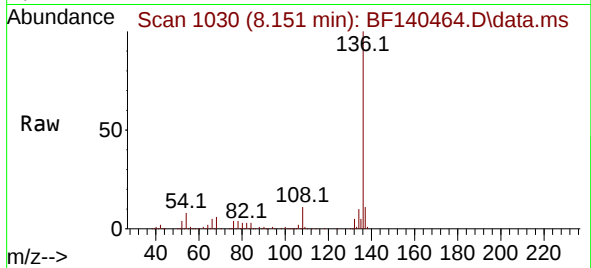




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

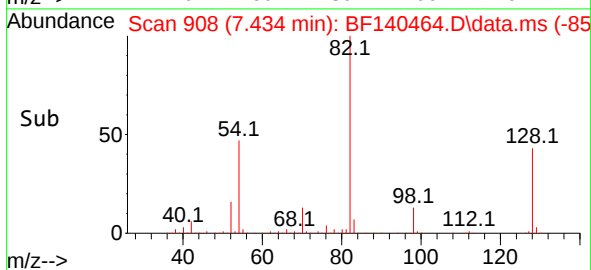
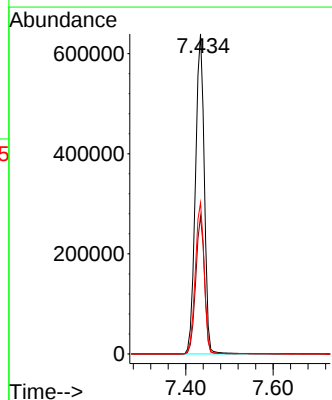
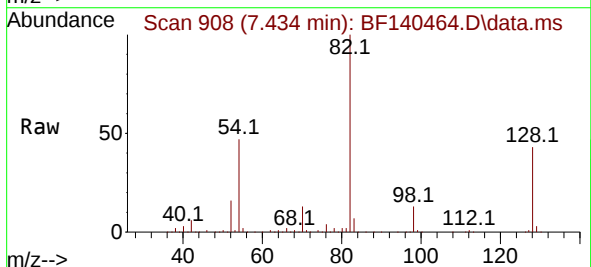
Instrument :
BNA_F
ClientSampleId :
PB165019TB

Tgt Ion:136 Resp: 545389
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.553 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion: 82 Resp: 906002
Ion Ratio Lower Upper
82 100
128 43.0 33.3 49.9
54 47.3 39.8 59.8

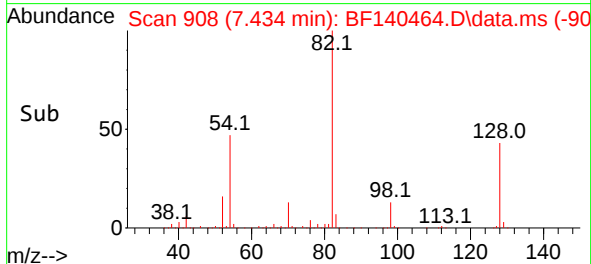
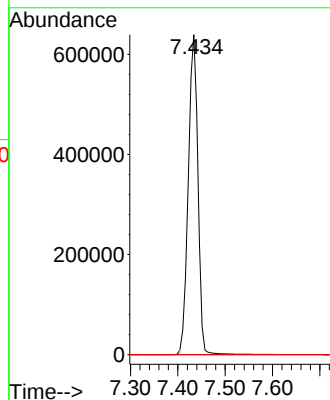
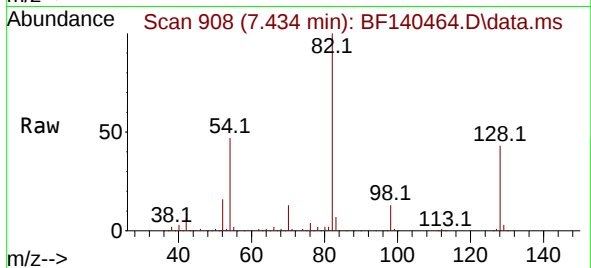




#25
Isophorone
Concen: 48.375 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

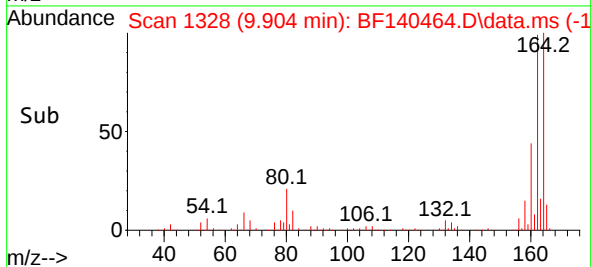
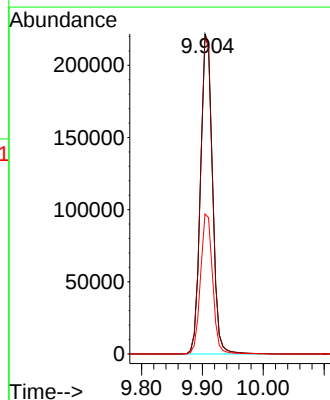
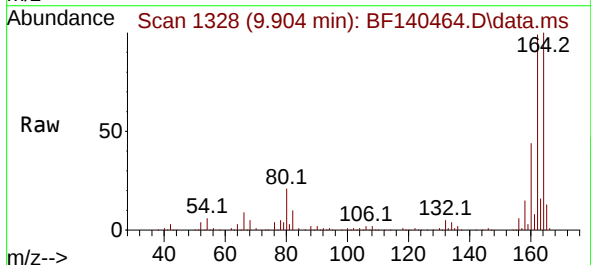
Instrument :
BNA_F
ClientSampleId :
PB165019TB

Tgt Ion: 82 Resp: 897440
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: BF140464.D
Acq: 19 Nov 2024 11:00

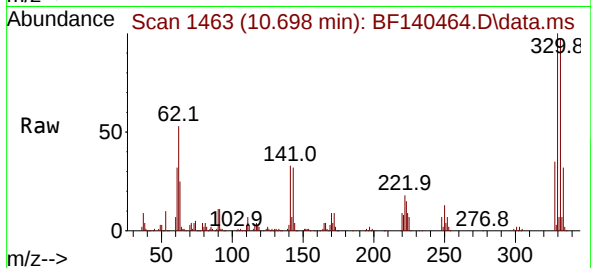
Tgt Ion:164 Resp: 303191
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.7 35.4 53.0



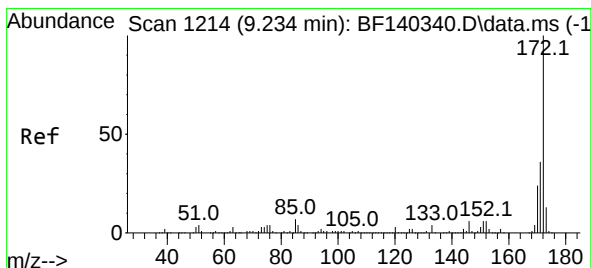
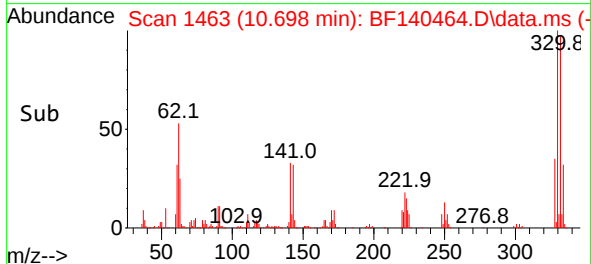
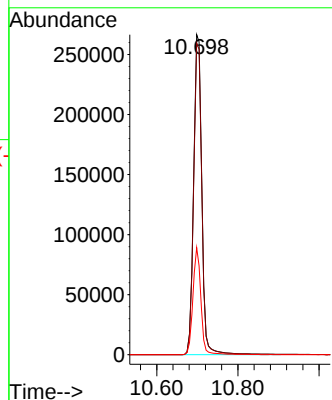


#42
2,4,6-Tribromophenol
Concen: 124.228 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Instrument :
BNA_F
ClientSampleId :
PB165019TB

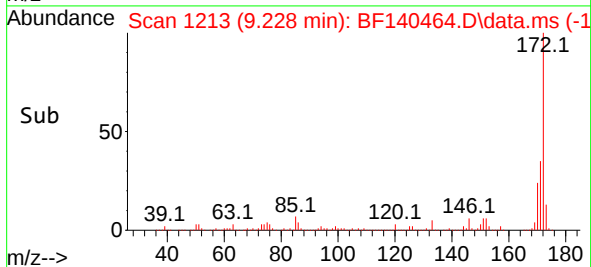
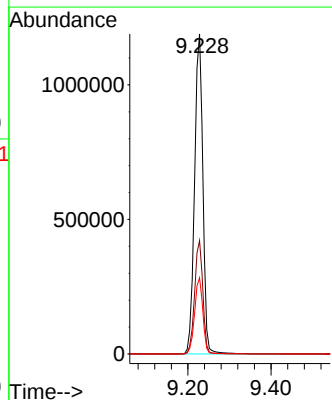
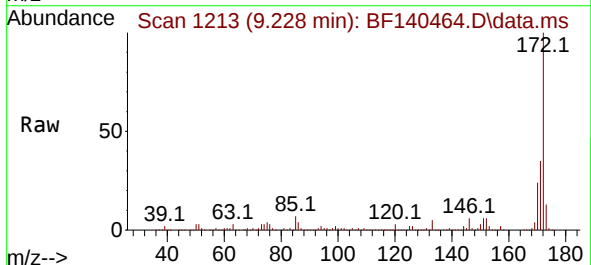


Tgt Ion: 330 Resp: 374546
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 32.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 87.565 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion: 172 Resp: 1651526
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.654 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB165019TB

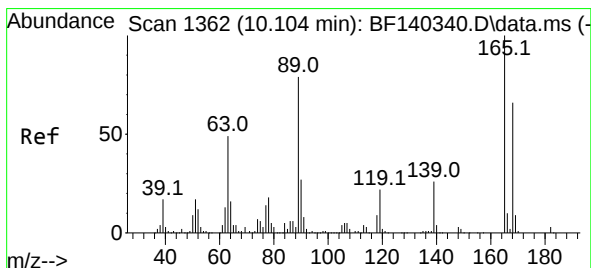
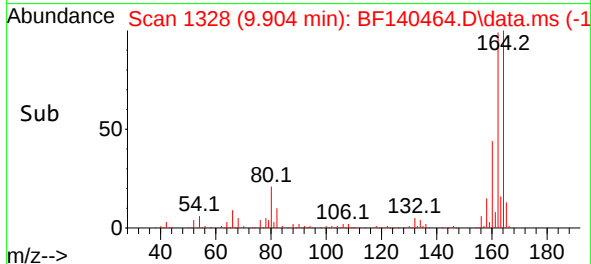
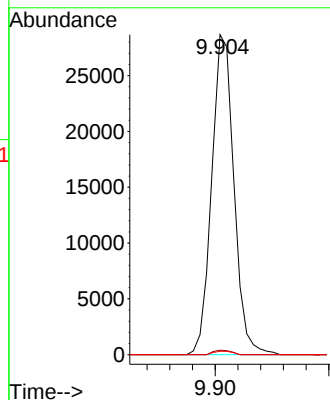
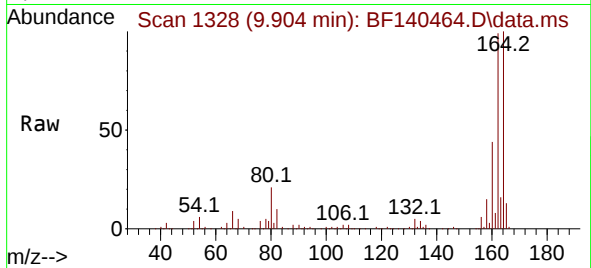
Tgt Ion:165 Resp: 38991

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

89 1.1 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.576 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

Tgt Ion:165 Resp: 38991

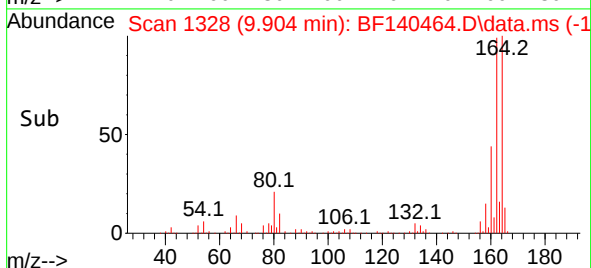
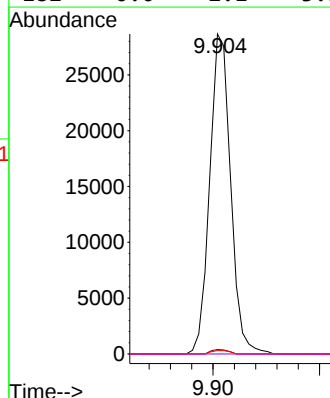
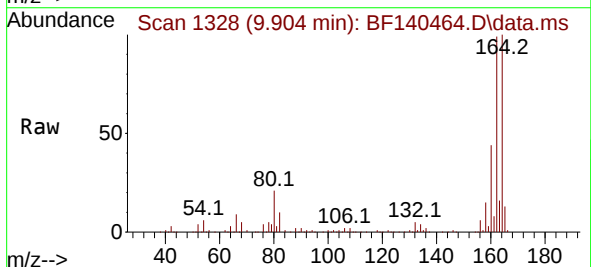
Ion Ratio Lower Upper

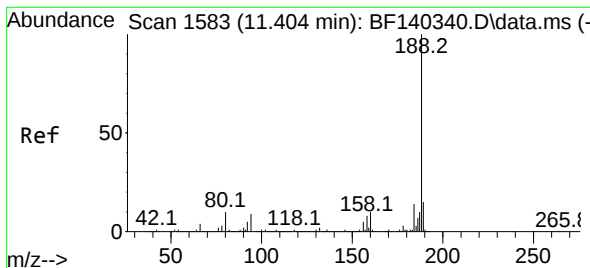
165 100

63 1.4 39.4 59.0#

89 1.1 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB165019TB

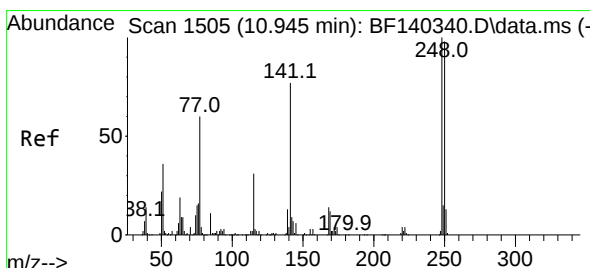
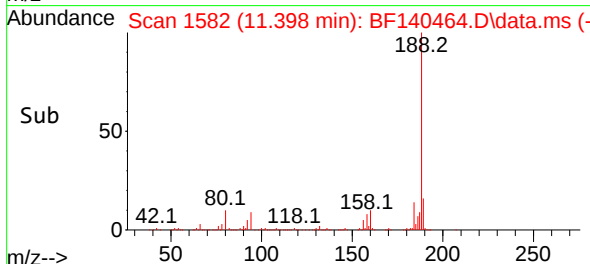
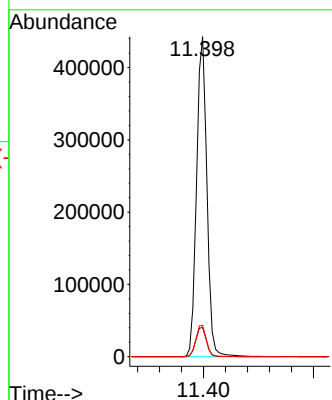
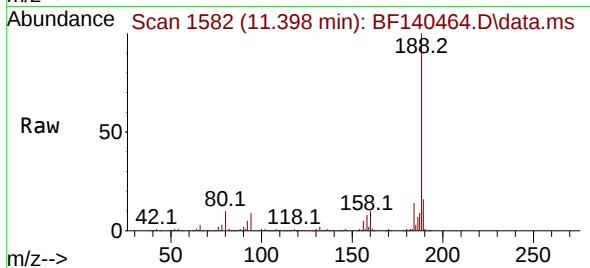
Tgt Ion:188 Resp: 576588

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.207 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

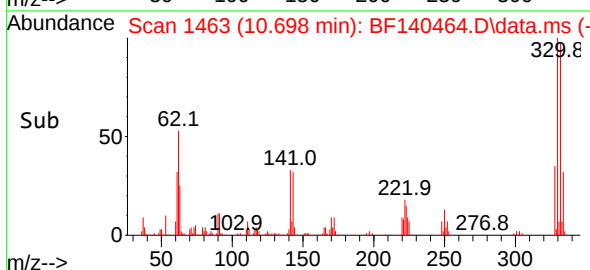
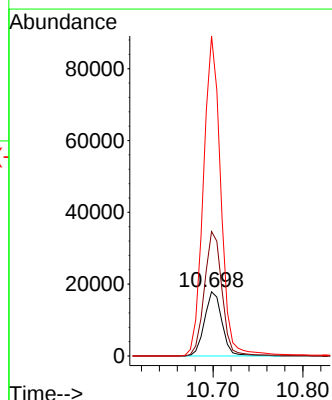
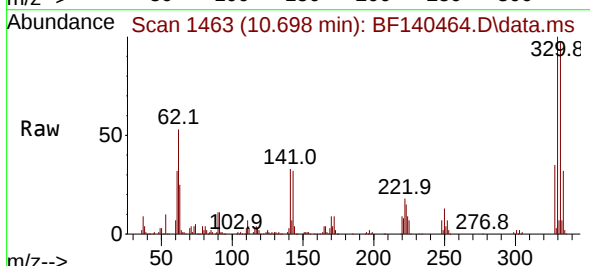
Tgt Ion:248 Resp: 24247

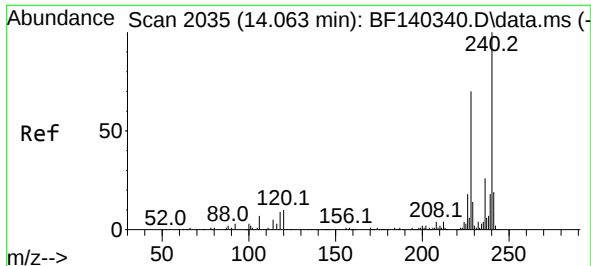
Ion Ratio Lower Upper

248 100

250 194.3 77.9 116.9#

141 499.1 61.8 92.6#

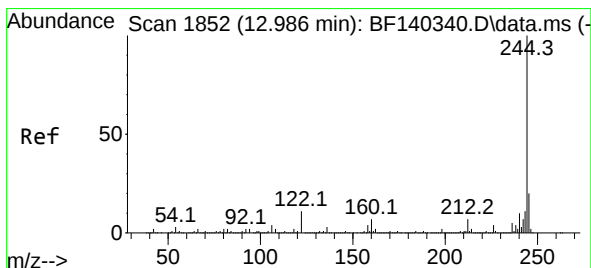
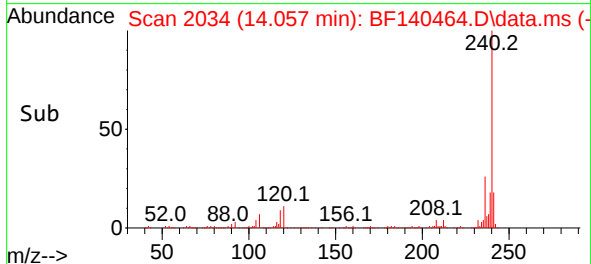
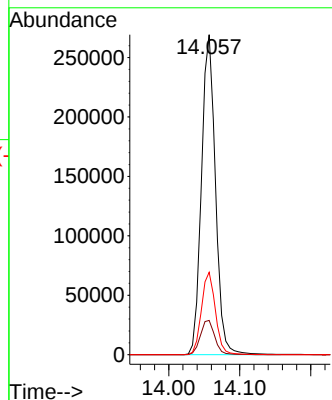
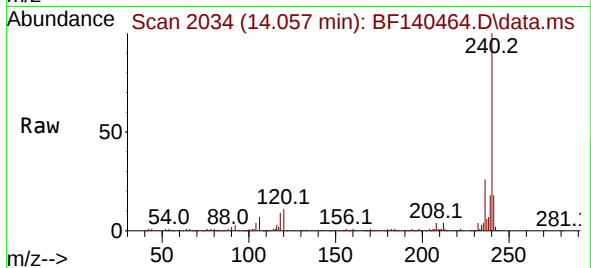




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

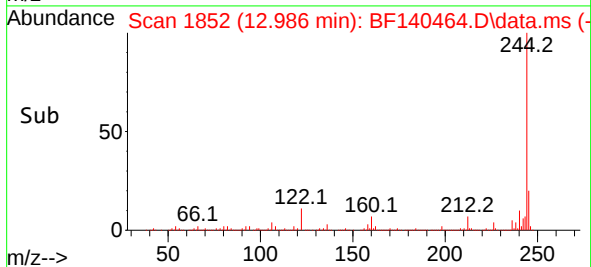
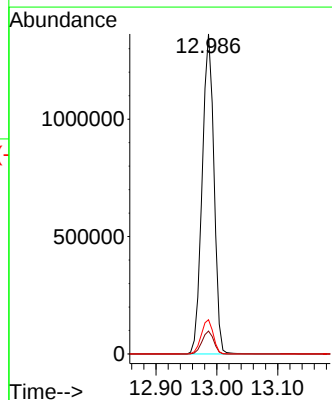
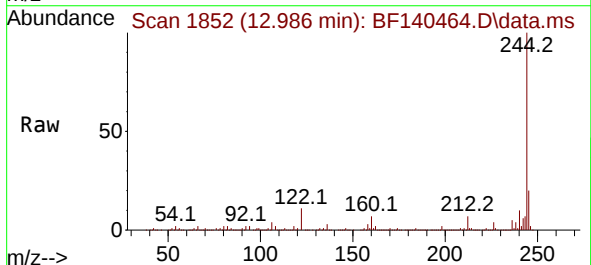
Instrument :
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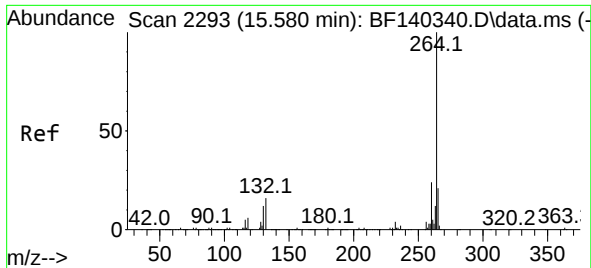
Tgt Ion:240 Resp: 369743
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 85.880 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion:244 Resp: 1829349
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140464.D
 Acq: 19 Nov 2024 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB165019TB

Tgt Ion:264 Resp: 301857
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.1 25.7

