

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140597.D
 Acq On : 25 Nov 2024 12:36
 Operator : RC/JU
 Sample : PB164986TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164986TB

Quant Time: Nov 25 13:17:29 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)

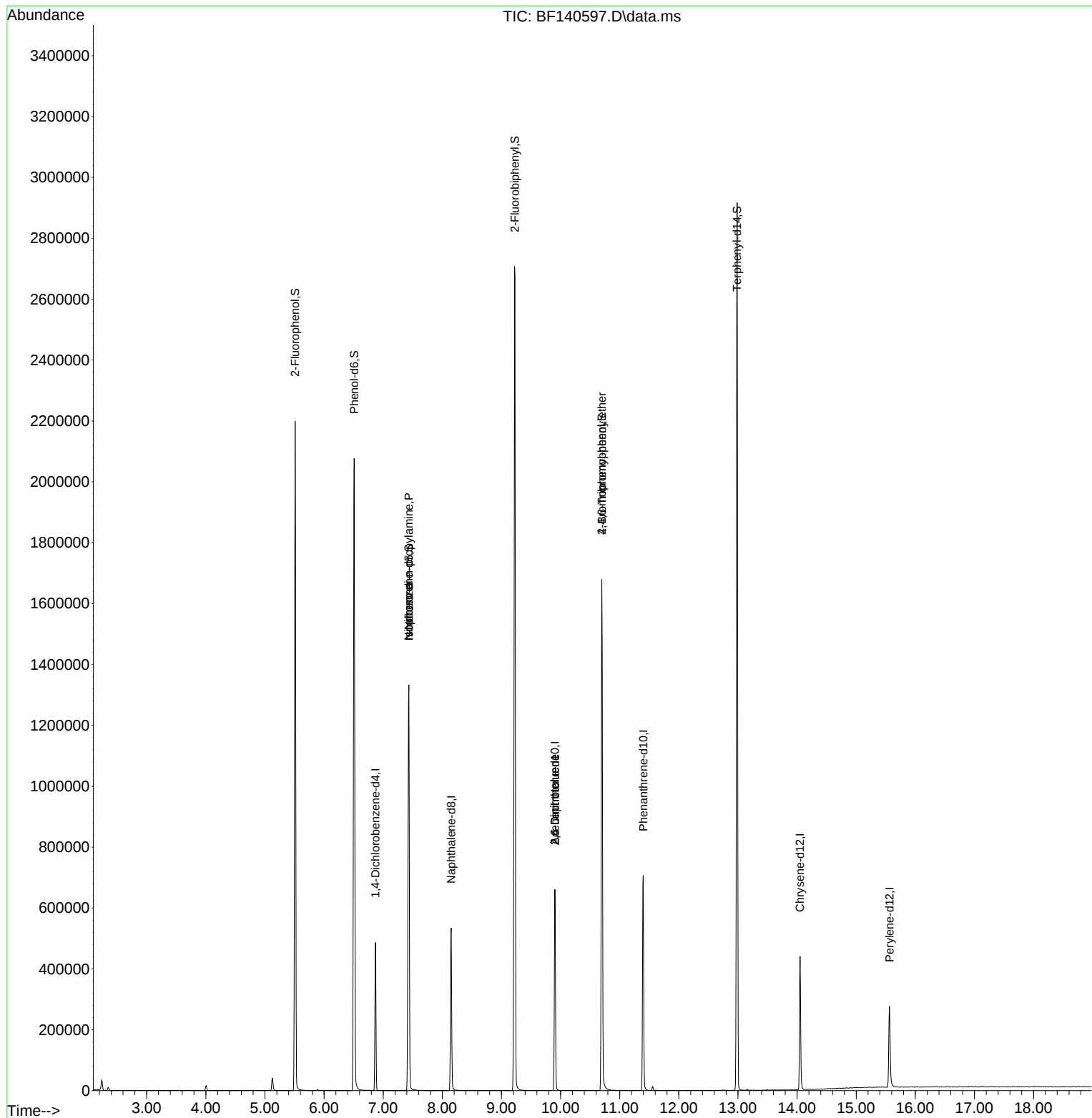
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	101001	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	375809	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	212106	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	410666	20.000	ng	0.00
76) Chrysene-d12	14.051	240	226427	20.000	ng	0.00
86) Perylene-d12	15.562	264	184374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	825865	139.513	ng	0.01
7) Phenol-d6	6.510	99	1079980	138.001	ng	0.00
23) Nitrobenzene-d5	7.434	82	696657	94.820	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	311968	137.522	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1347997	94.690	ng	0.00
79) Terphenyl-d14	12.986	244	1496595	102.920	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	94459	20.423	ng	# 76
25) Isophorone	7.434	82	683921	55.810	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	27117	8.559	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	27117	6.440	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19245	4.550	ng	# 1

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

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Quant Time: Nov 25 13:17:29 2024
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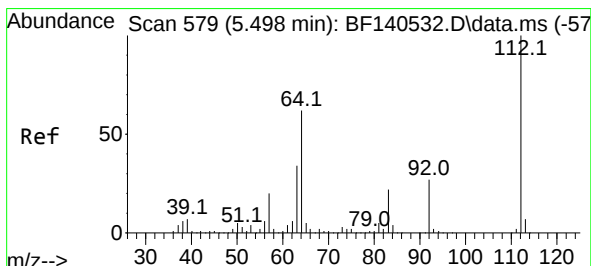
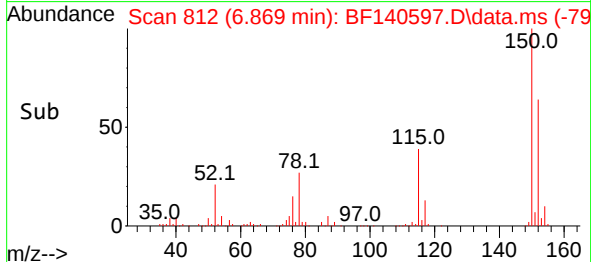
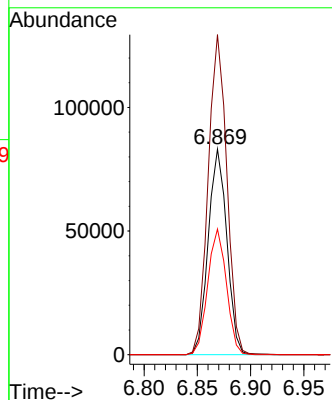
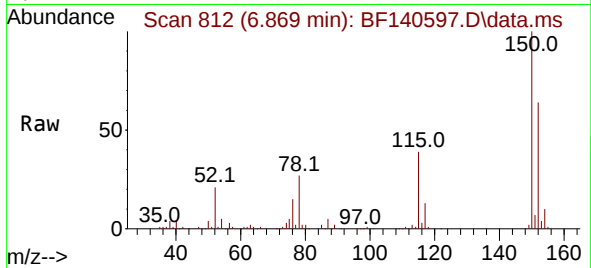




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

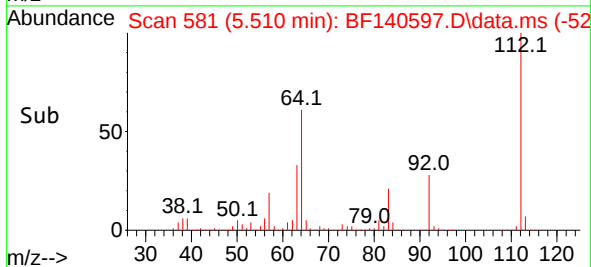
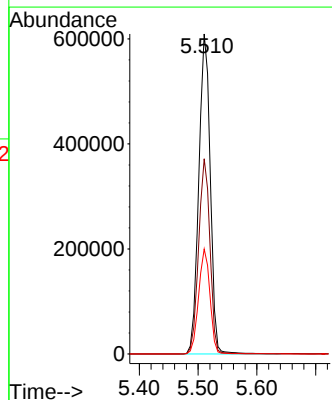
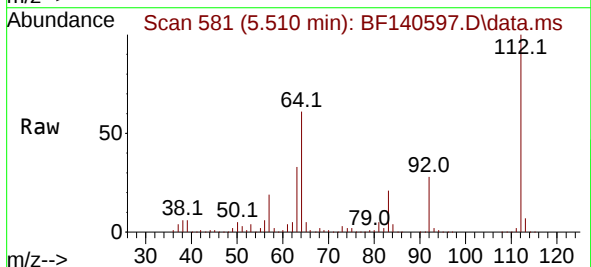
Instrument :
BNA_F
ClientSampleId :
PB164986TB

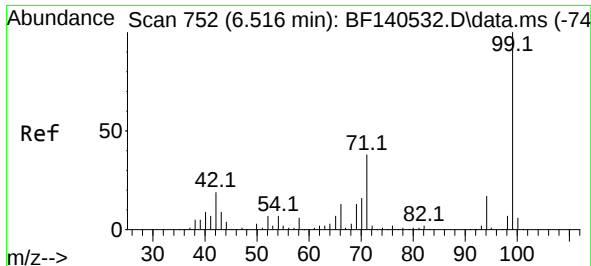
Tgt Ion:152 Resp: 101001
Ion Ratio Lower Upper
152 100
150 155.6 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 139.513 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Tgt Ion:112 Resp: 825865
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 32.8 27.0 40.4

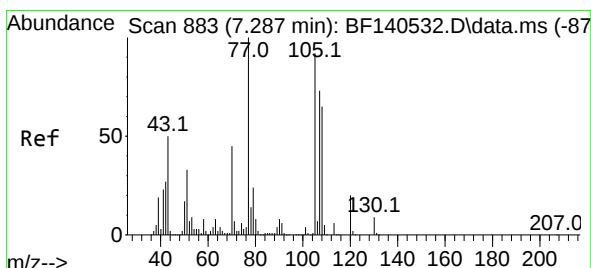
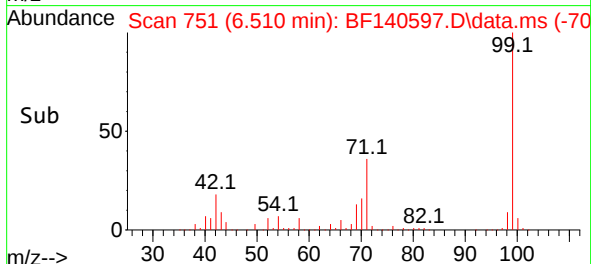
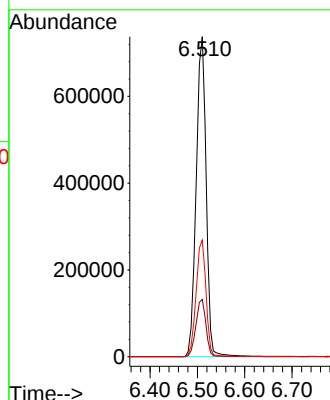
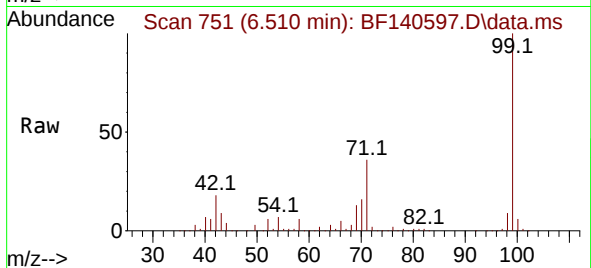




#7
Phenol-d6
Concen: 138.001 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

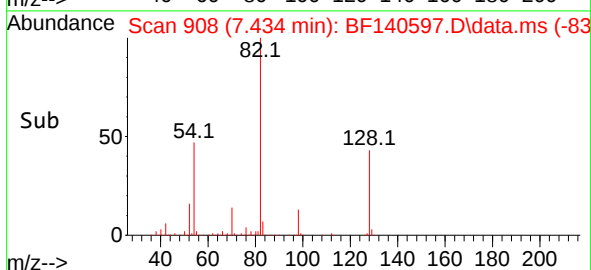
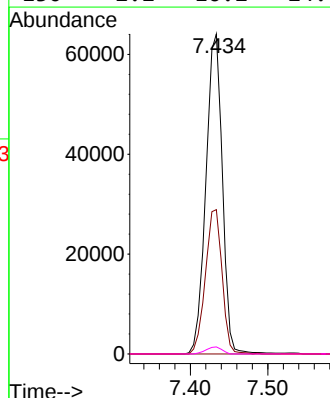
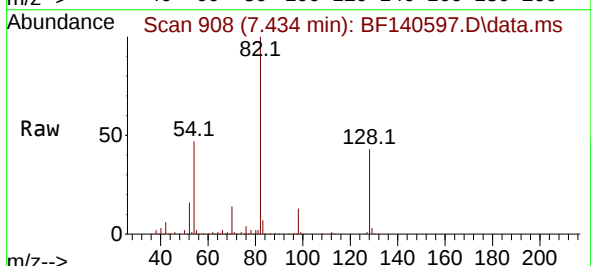
Instrument :
BNA_F
ClientSampleId :
PB164986TB

Tgt Ion: 99 Resp: 1079980
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.423 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Tgt Ion: 70 Resp: 94459
Ion Ratio Lower Upper
70 100
42 45.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



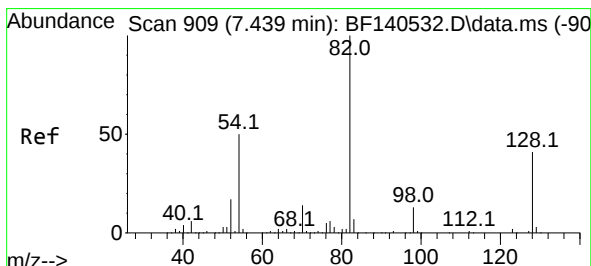
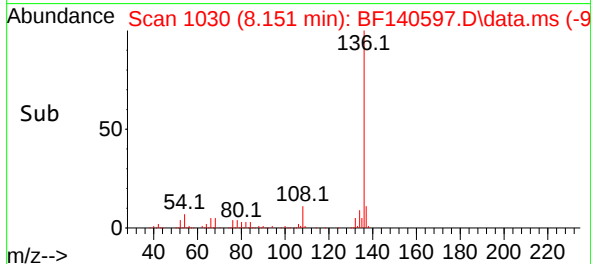
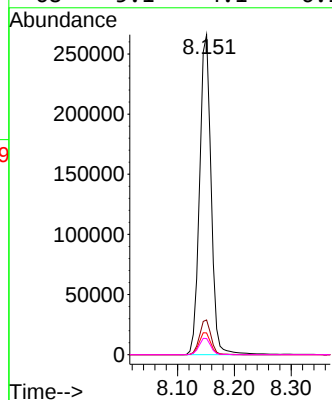
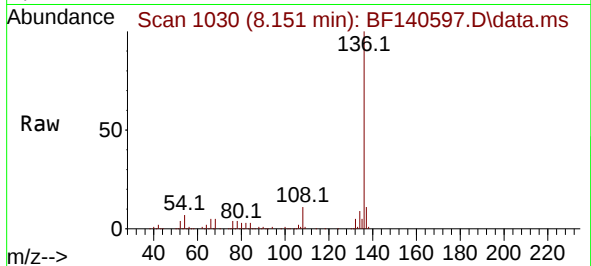


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB164986TB

Tgt Ion:136 Resp: 375809

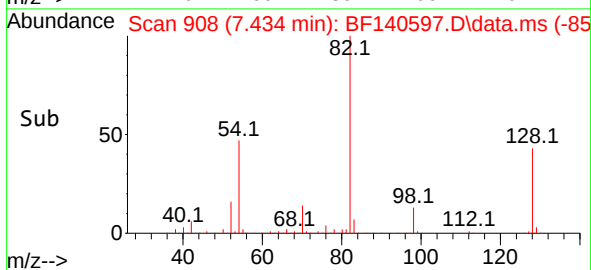
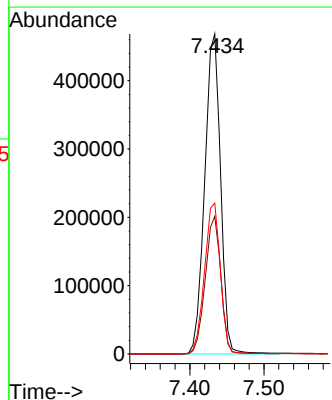
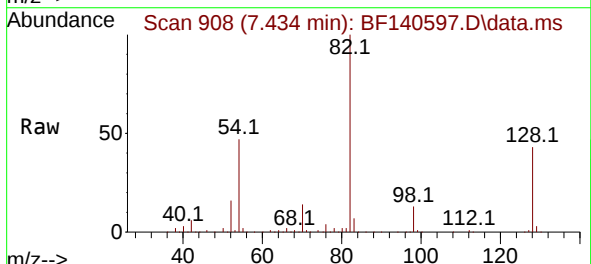
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 94.820 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Tgt Ion: 82 Resp: 696657

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.1	39.5	59.3

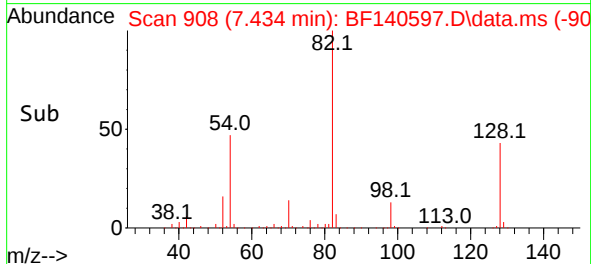
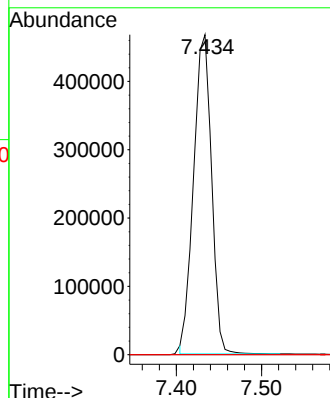
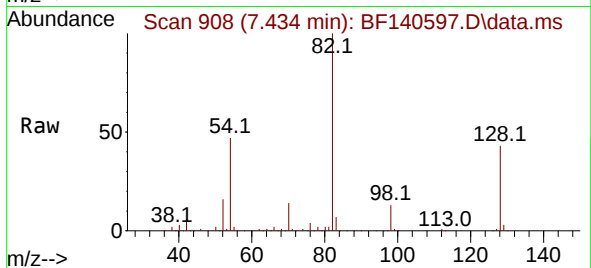




#25
Isophorone
Concen: 55.810 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

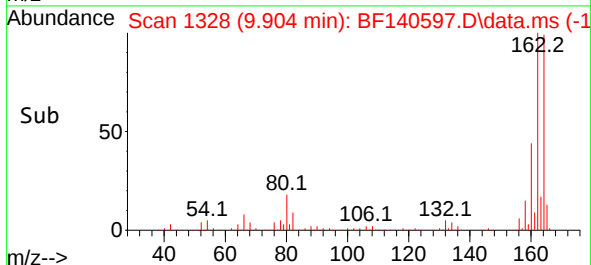
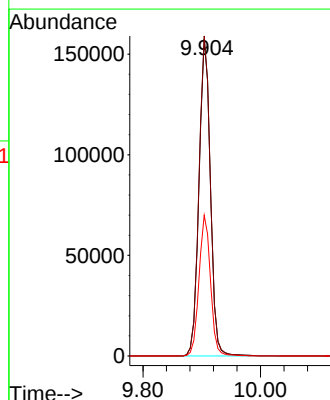
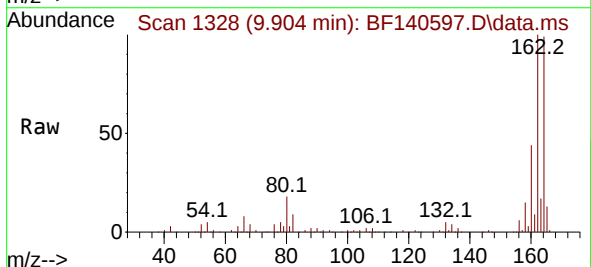
Instrument :
BNA_F
ClientSampleId :
PB164986TB

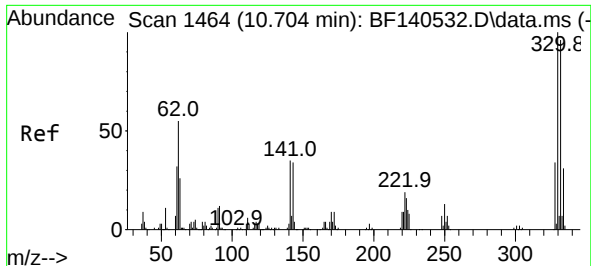
Tgt Ion: 82 Resp: 683921
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

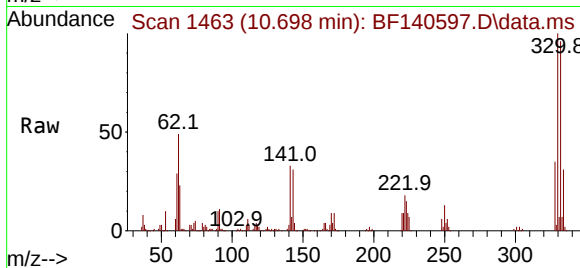
Tgt Ion: 164 Resp: 212106
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.4 36.2 54.4



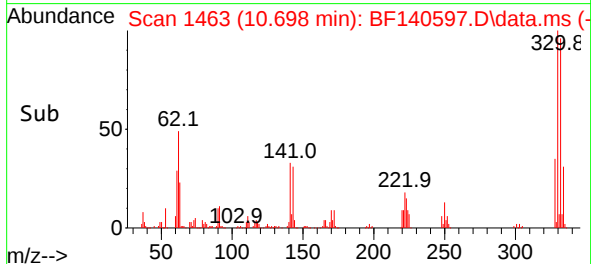
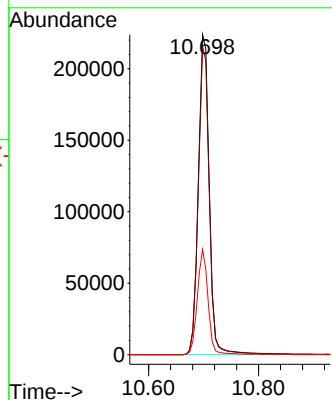


#42
2,4,6-Tribromophenol
Concen: 137.522 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB164986TB

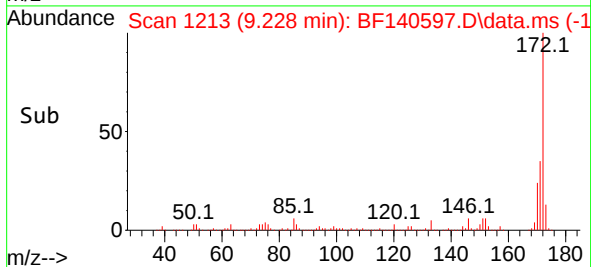
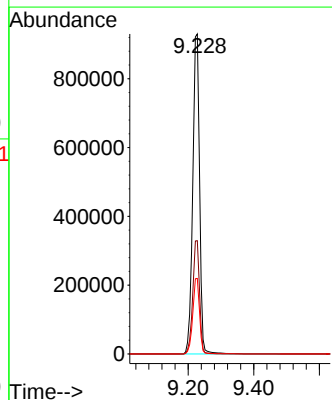
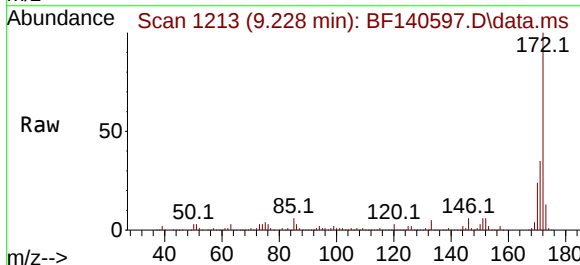


Tgt Ion:330 Resp: 311968
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.690 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140597.D
Acq: 25 Nov 2024 12:36

Tgt Ion:172 Resp: 1347997
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.559 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140597.D

Acq: 25 Nov 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB164986TB

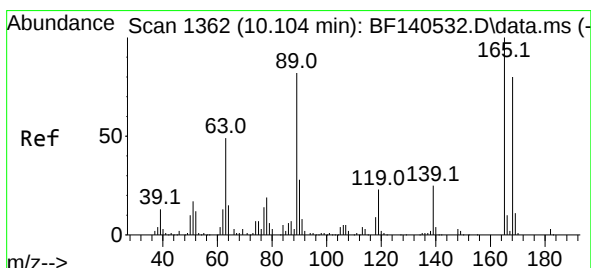
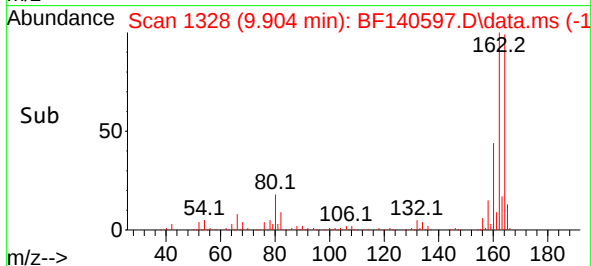
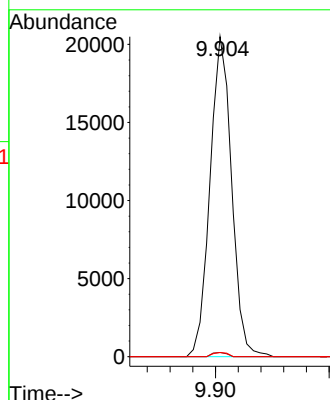
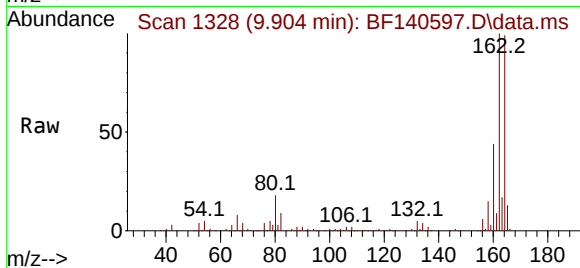
Tgt Ion:165 Resp: 27117

Ion Ratio Lower Upper

165 100

63 1.3 49.9 74.9#

89 1.3 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.440 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140597.D

Acq: 25 Nov 2024 12:36

Tgt Ion:165 Resp: 27117

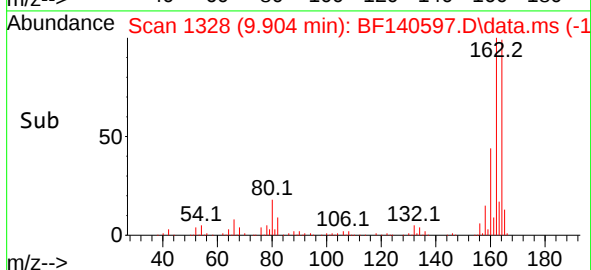
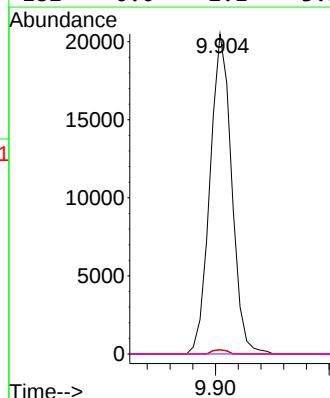
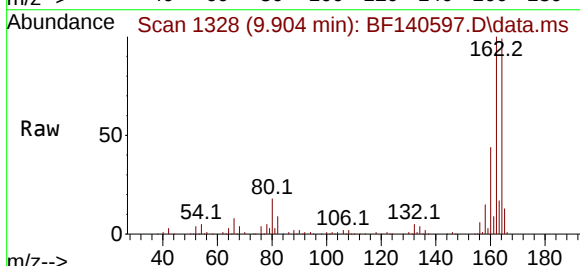
Ion Ratio Lower Upper

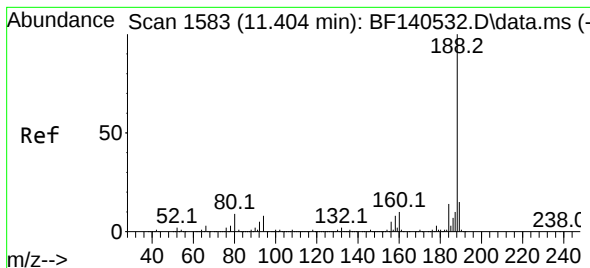
165 100

63 1.3 41.7 62.5#

89 1.3 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: BF140597.D

Acq: 25 Nov 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB164986TB

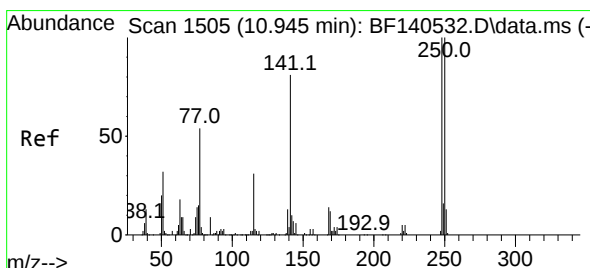
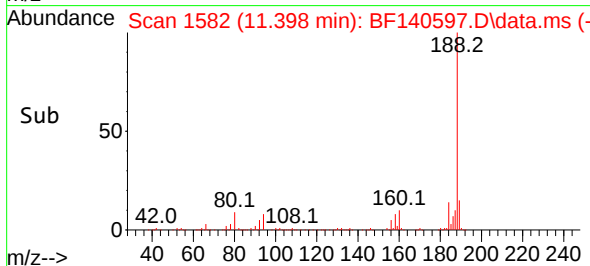
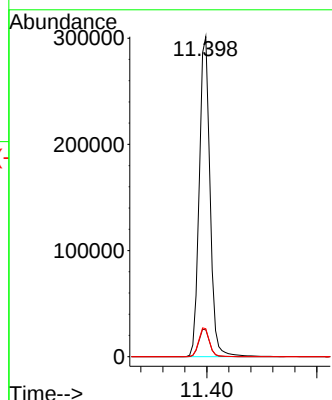
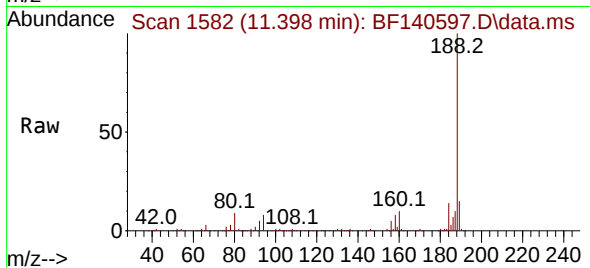
Tgt Ion:188 Resp: 410666

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.8 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.550 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140597.D

Acq: 25 Nov 2024 12:36

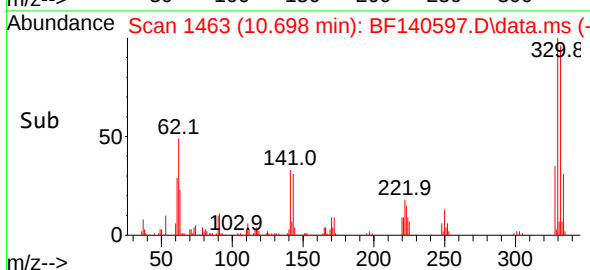
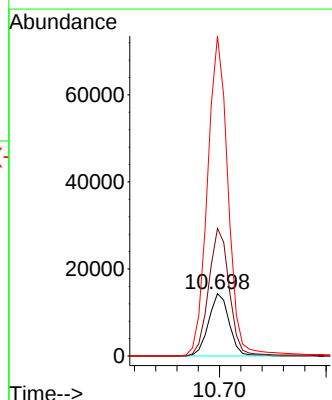
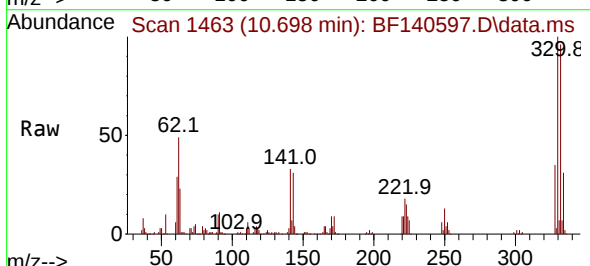
Tgt Ion:248 Resp: 19245

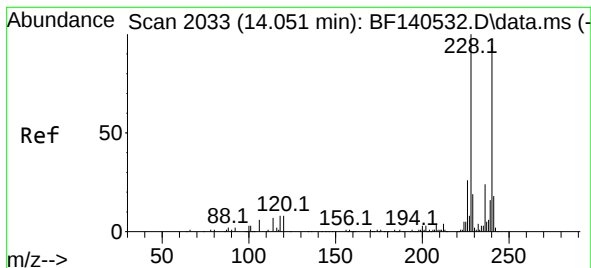
Ion Ratio Lower Upper

248 100

250 204.2 79.8 119.8#

141 512.4 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: BF140597.D

Acq: 25 Nov 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB164986TB

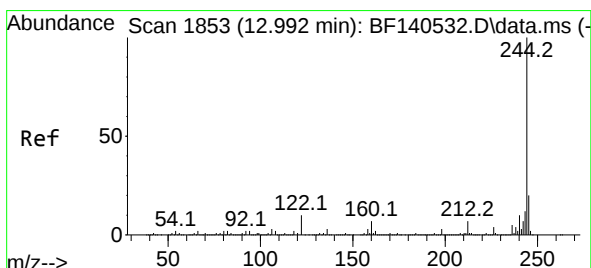
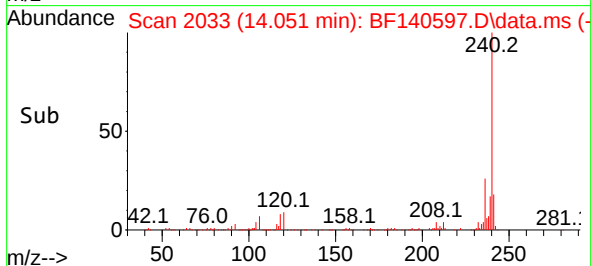
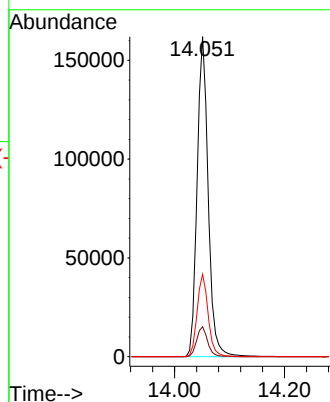
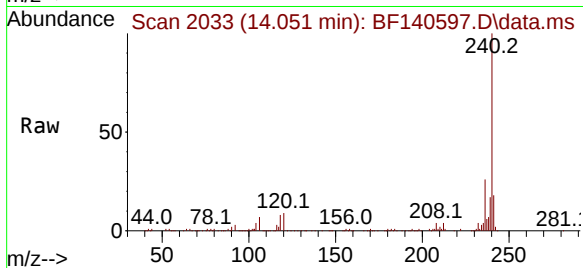
Tgt Ion:240 Resp: 226427

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 102.920 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140597.D

Acq: 25 Nov 2024 12:36

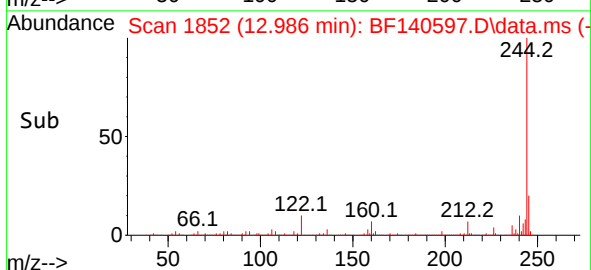
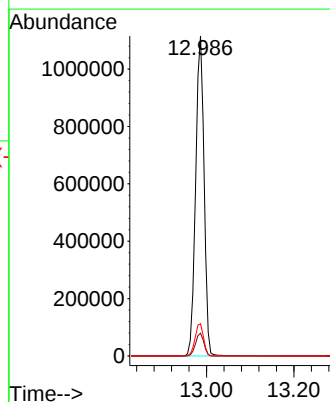
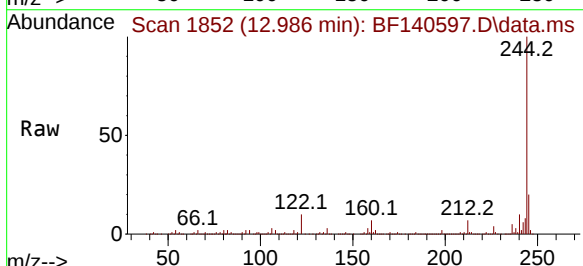
Tgt Ion:244 Resp: 1496595

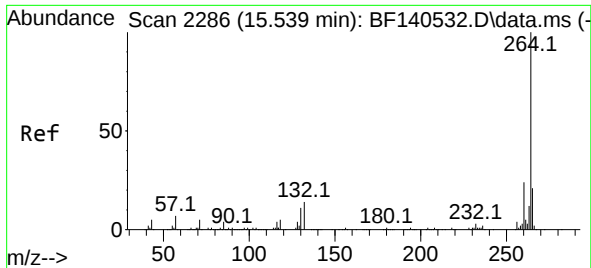
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140597.D
 Acq: 25 Nov 2024 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB164986TB

Tgt Ion:264 Resp: 184374
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.7 16.6 25.0

