

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140656.D
 Acq On : 27 Nov 2024 09:13
 Operator : RC/JU
 Sample : PB165255BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165255BL

Quant Time: Nov 27 10:18:00 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)

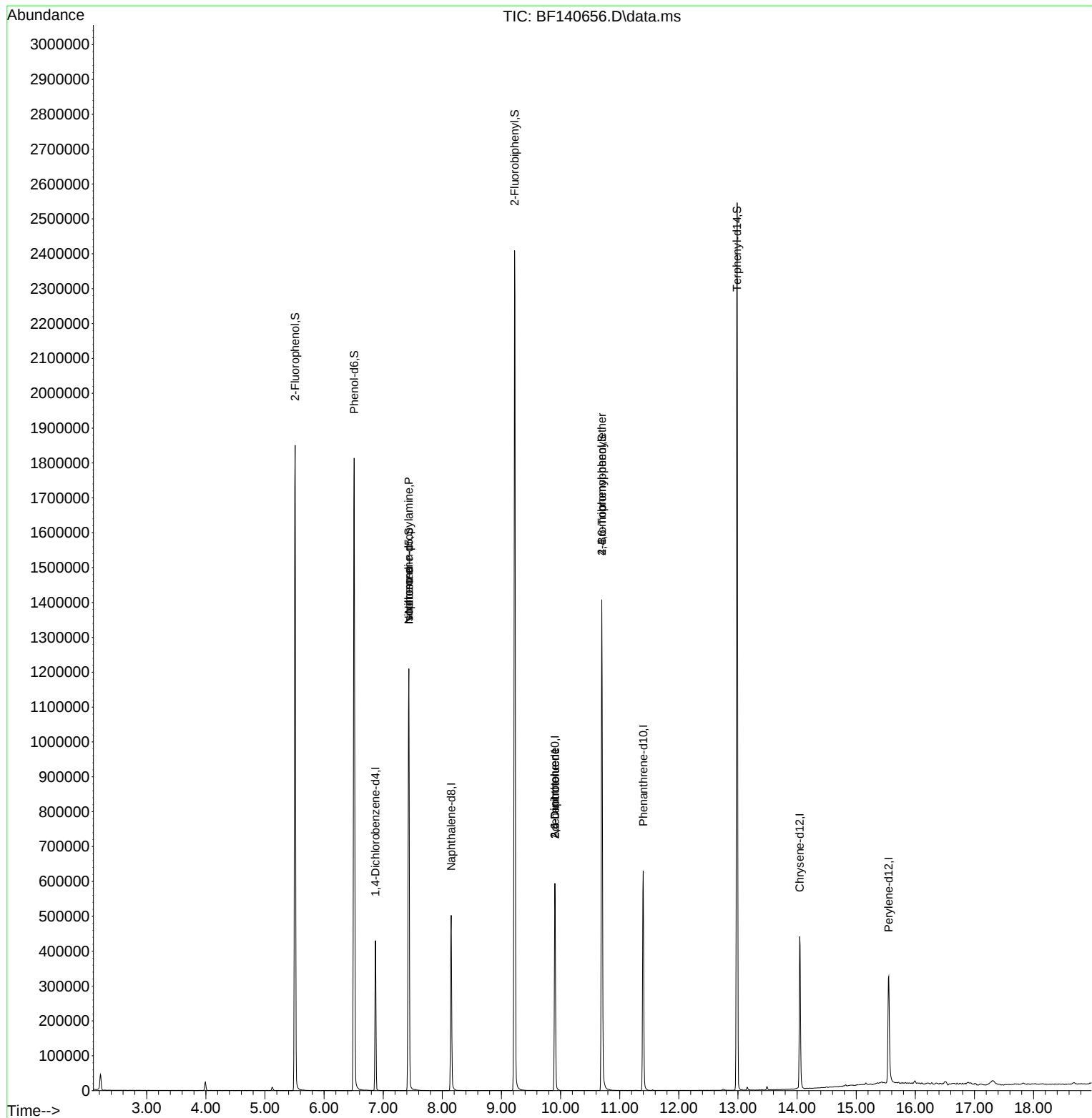
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88828	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	344391	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	192584	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	368863	20.000	ng	0.00
76) Chrysene-d12	14.045	240	234611	20.000	ng	0.00
86) Perylene-d12	15.551	264	216119	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	716851	137.693	ng	0.01
7) Phenol-d6	6.510	99	913428	132.714	ng	0.00
23) Nitrobenzene-d5	7.434	82	591071	87.788	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	262317	127.357	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1148947	88.889	ng	-0.01
79) Terphenyl-d14	12.986	244	1290256	85.635	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	79017	19.426	ng	# 76
25) Isophorone	7.434	82	582092	51.834	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24670	8.576	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	24670	6.453	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16368	4.309	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140656.D
Acq On : 27 Nov 2024 09:13
Operator : RC/JU
Sample : PB165255BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165255BL

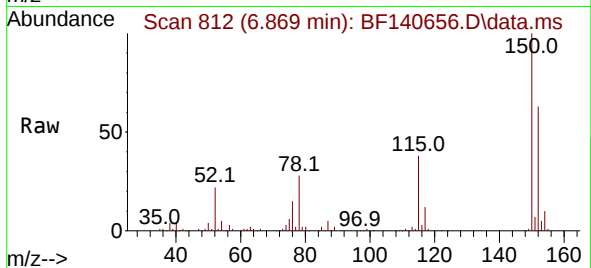
Quant Time: Nov 27 10:18:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



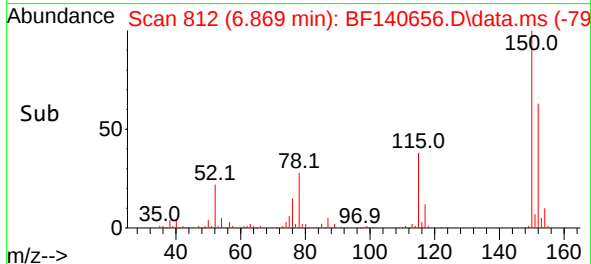
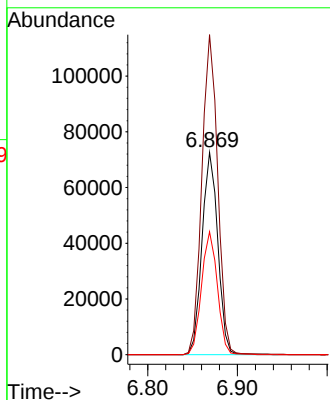


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Instrument :
BNA_F
ClientSampleId :
PB165255BL

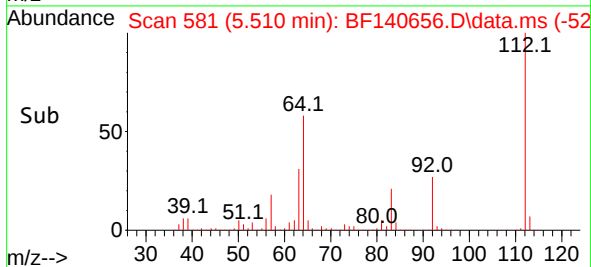
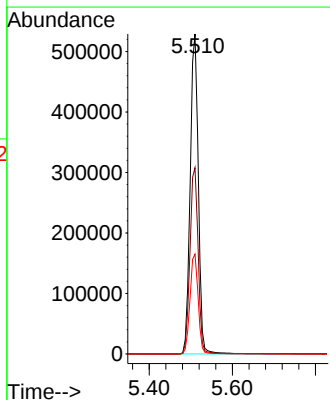
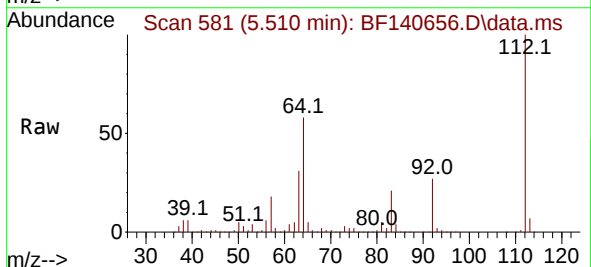


Tgt Ion:152 Resp: 88828
Ion Ratio Lower Upper
152 100
150 158.2 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 137.693 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Tgt Ion:112 Resp: 716851
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.2 27.0 40.4





#7

Phenol-d6

Concen: 132.714 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

Instrument :

BNA_F

ClientSampleId :

PB165255BL

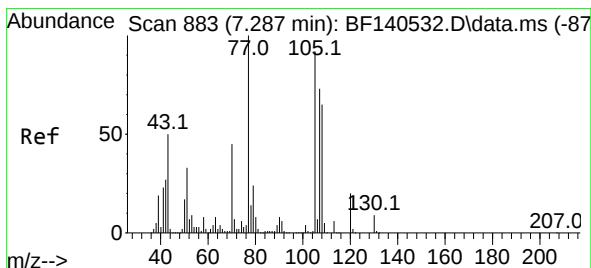
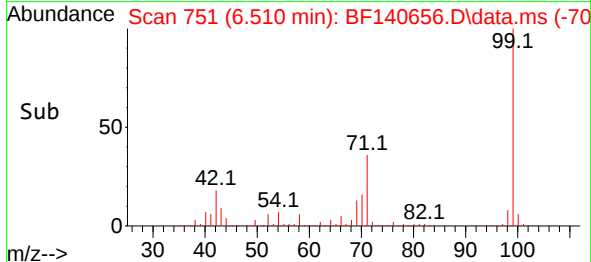
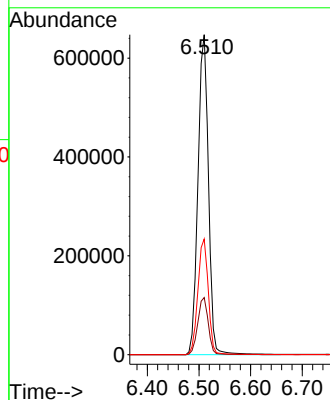
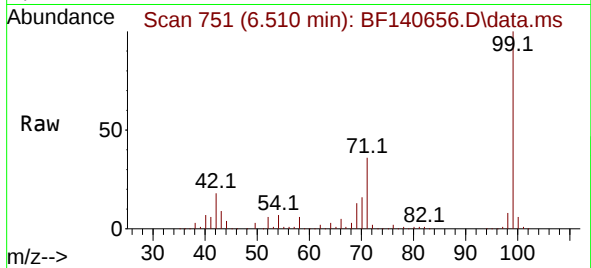
Tgt Ion: 99 Resp: 913428

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.0

71 36.1 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.426 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

Tgt Ion: 70 Resp: 79017

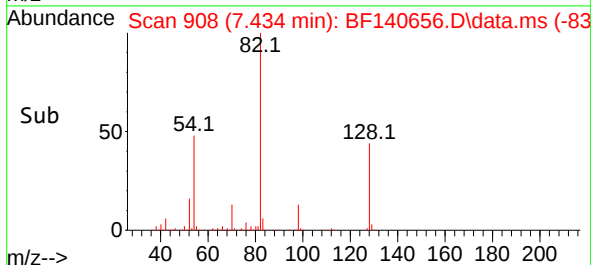
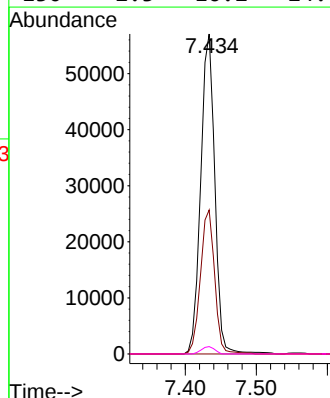
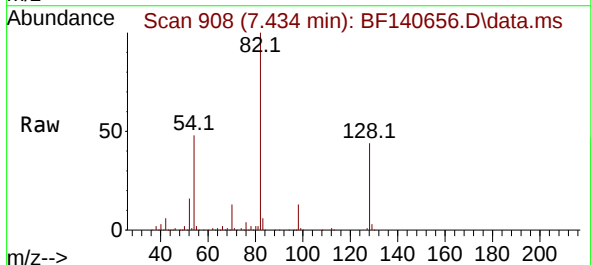
Ion Ratio Lower Upper

70 100

42 45.0 47.6 71.4#

101 0.0 7.6 11.4#

130 2.3 16.2 24.4#

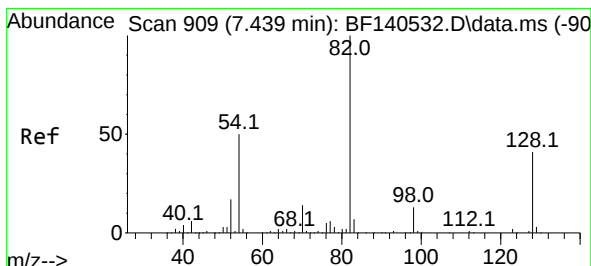
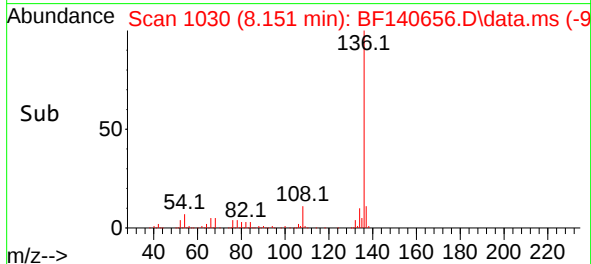
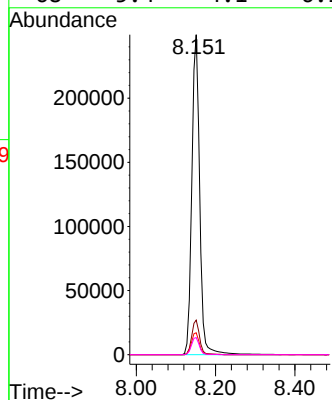
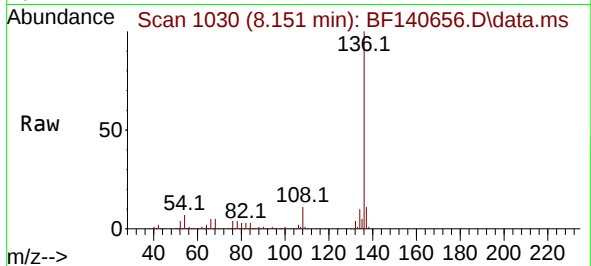




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

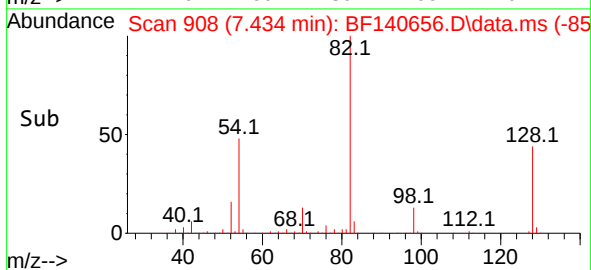
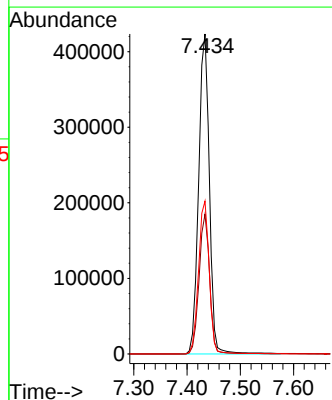
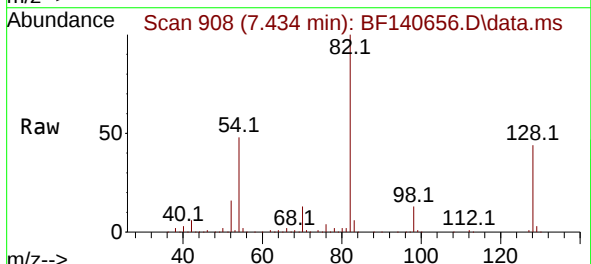
Instrument :
BNA_F
ClientSampleId :
PB165255BL

Tgt Ion:136 Resp: 344391
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.9 5.8 8.8
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 87.788 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Tgt Ion: 82 Resp: 591071
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.4
54 47.7 39.5 59.3

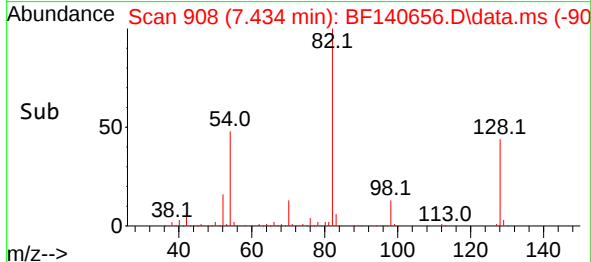
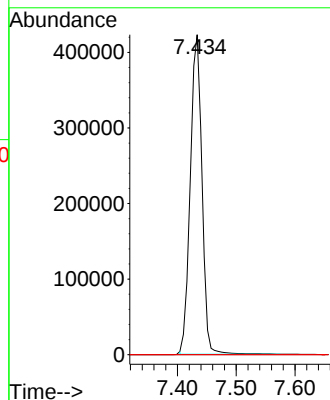
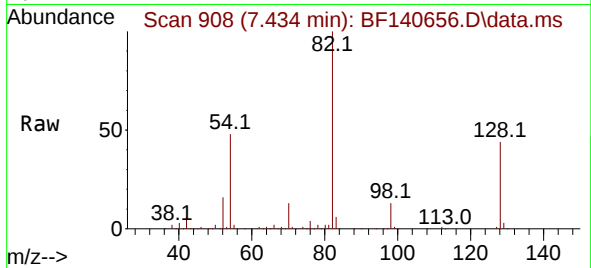




#25
Isophorone
Concen: 51.834 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

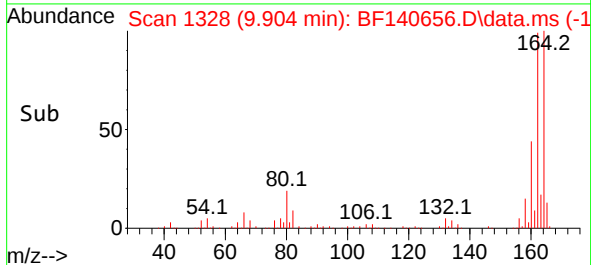
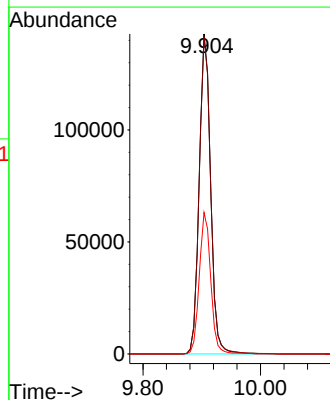
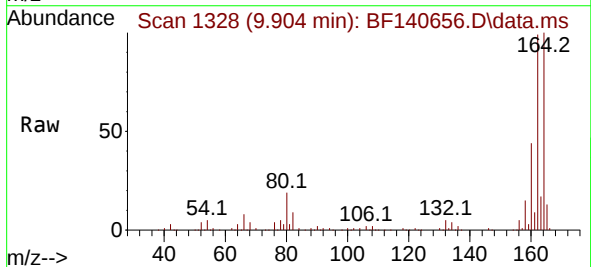
Instrument :
BNA_F
ClientSampleId :
PB165255BL

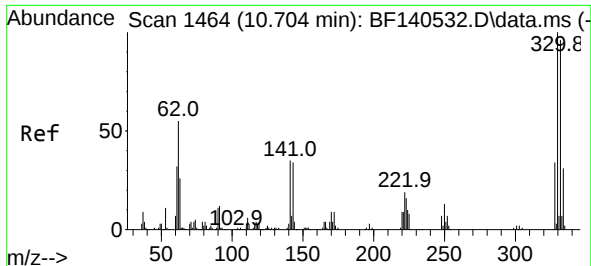
Tgt Ion: 82 Resp: 582092
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Tgt Ion: 164 Resp: 192584
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 127.357 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140656.D

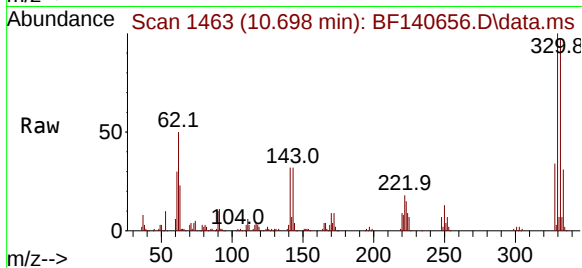
Acq: 27 Nov 2024 09:13

Instrument :

BNA_F

ClientSampleId :

PB165255BL



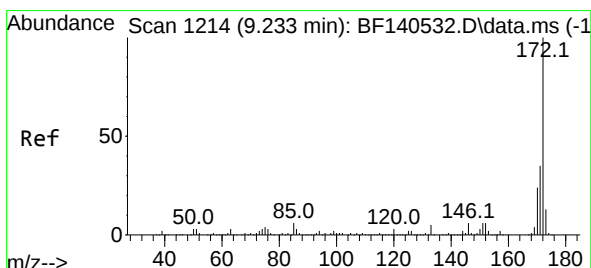
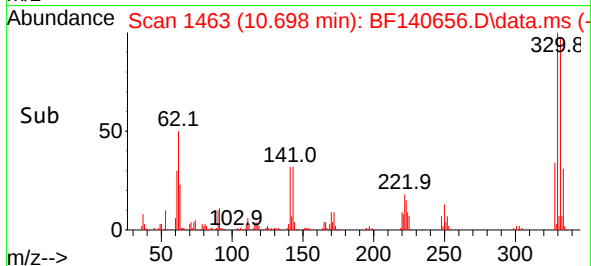
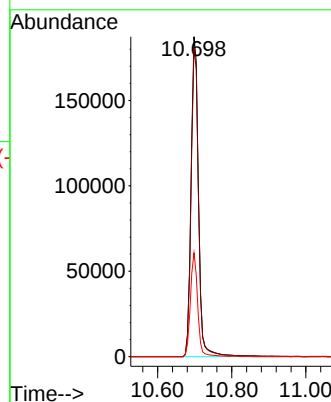
Tgt Ion:330 Resp: 262317

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 88.889 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

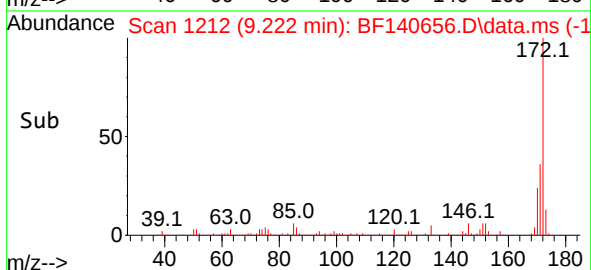
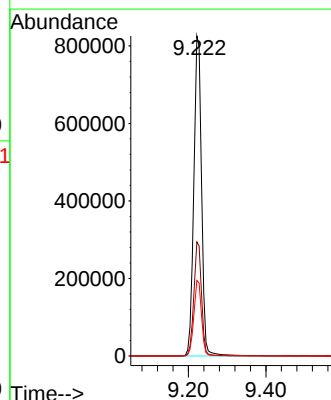
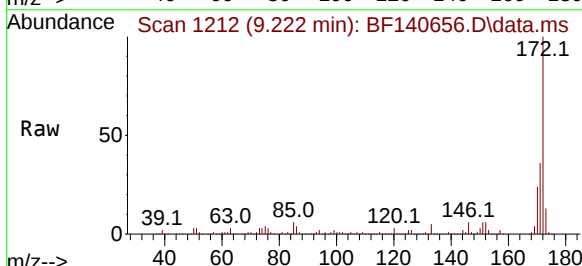
Tgt Ion:172 Resp: 1148947

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 19.0 28.6

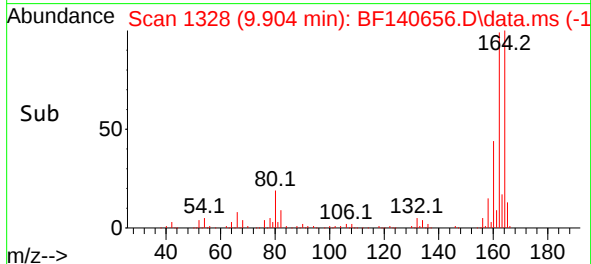
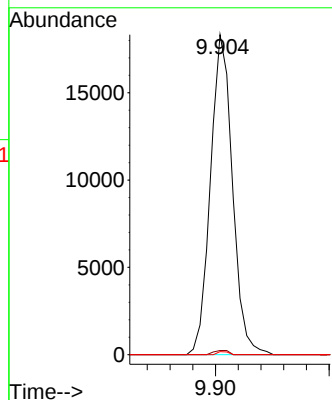
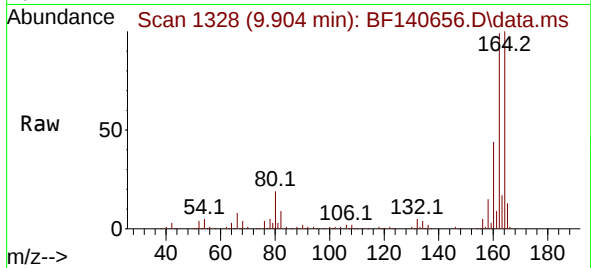




#51
2,6-Dinitrotoluene
Concen: 8.576 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

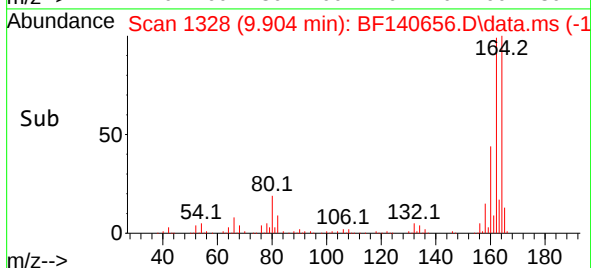
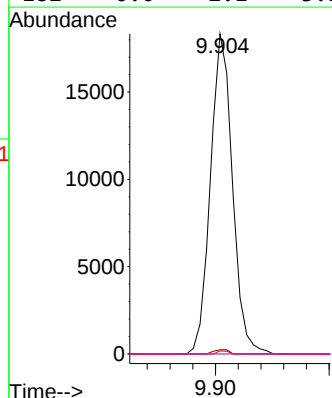
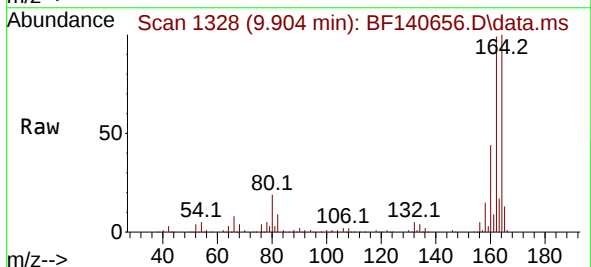
Instrument :
BNA_F
ClientSampleId :
PB165255BL

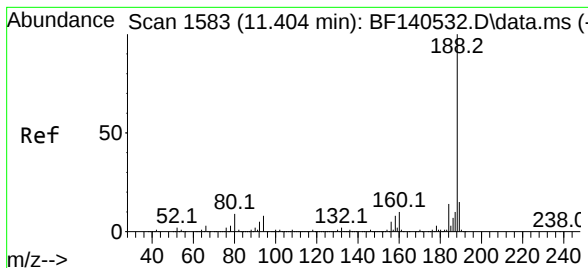
Tgt Ion:165 Resp: 24670
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 0.9 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.453 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Tgt Ion:165 Resp: 24670
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 0.9 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: BF140656.D

Acq: 27 Nov 2024 09:13

Instrument :

BNA_F

ClientSampleId :

PB165255BL

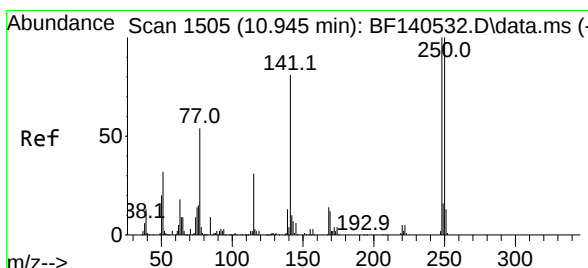
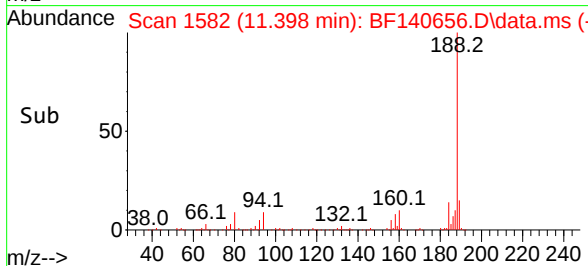
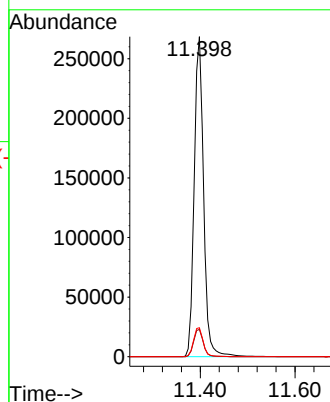
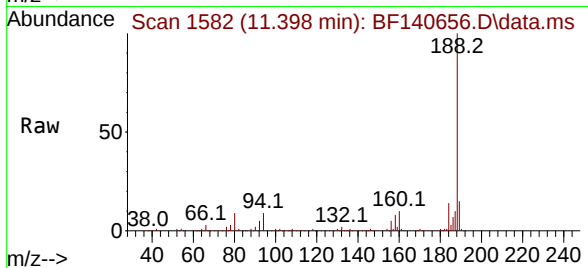
Tgt Ion:188 Resp: 368863

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.309 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

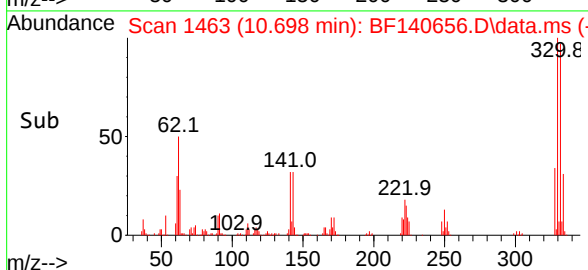
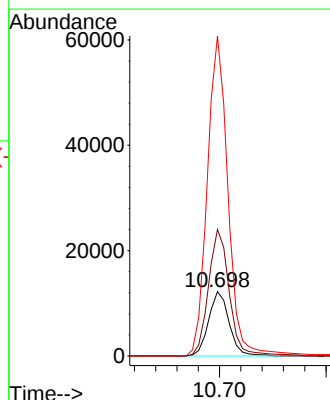
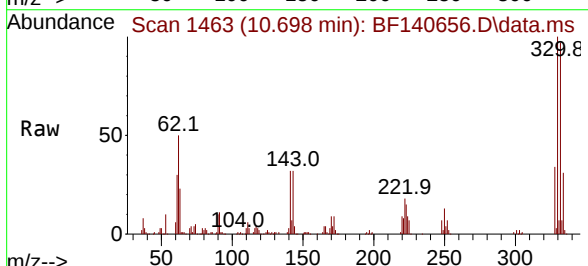
Tgt Ion:248 Resp: 16368

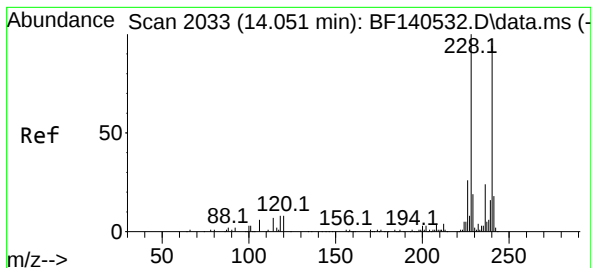
Ion Ratio Lower Upper

248 100

250 196.9 79.8 119.8#

141 497.7 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

Instrument :

BNA_F

ClientSampleId :

PB165255BL

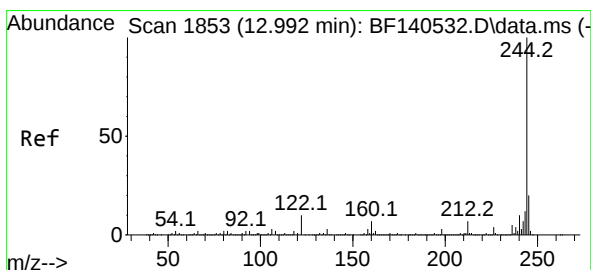
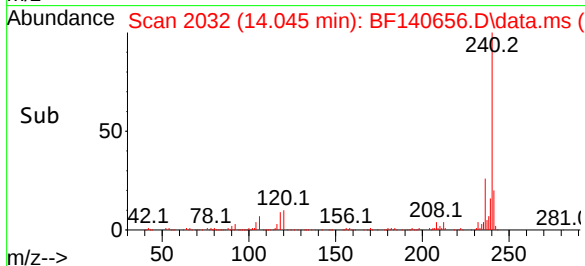
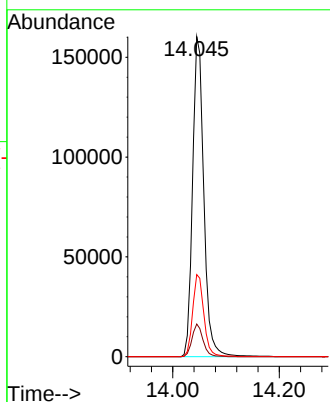
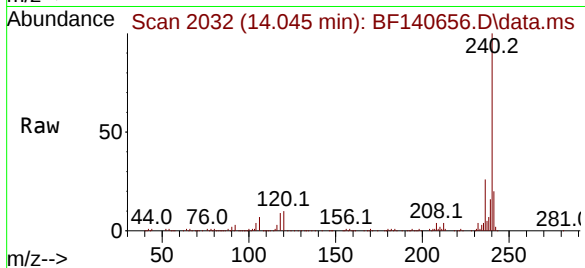
Tgt Ion:240 Resp: 234611

Ion Ratio Lower Upper

240 100

120 10.2 7.3 10.9

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 85.635 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140656.D

Acq: 27 Nov 2024 09:13

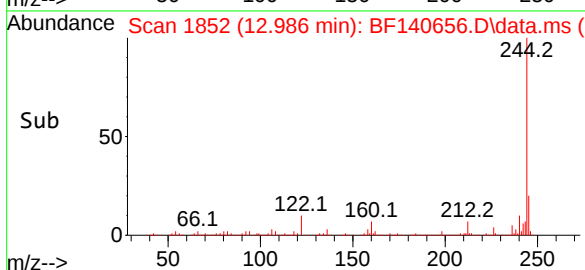
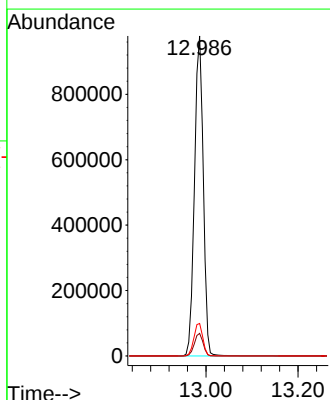
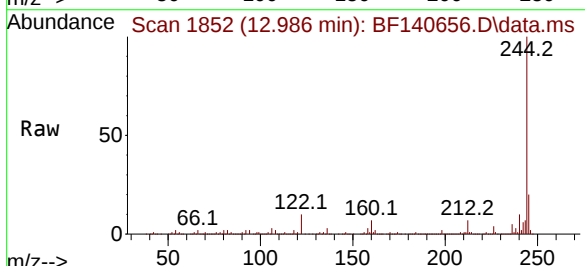
Tgt Ion:244 Resp: 1290256

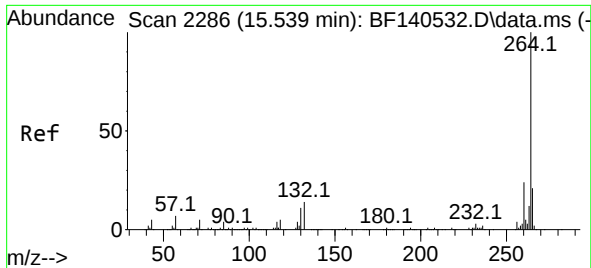
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140656.D
Acq: 27 Nov 2024 09:13

Instrument :
BNA_F
ClientSampleId :
PB165255BL

Tgt Ion:264 Resp: 216119

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.5	16.6	25.0

