

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140599.D
 Acq On : 25 Nov 2024 13:27
 Operator : RC/JU
 Sample : PB164886TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164886TB

Quant Time: Nov 25 13:55:14 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)

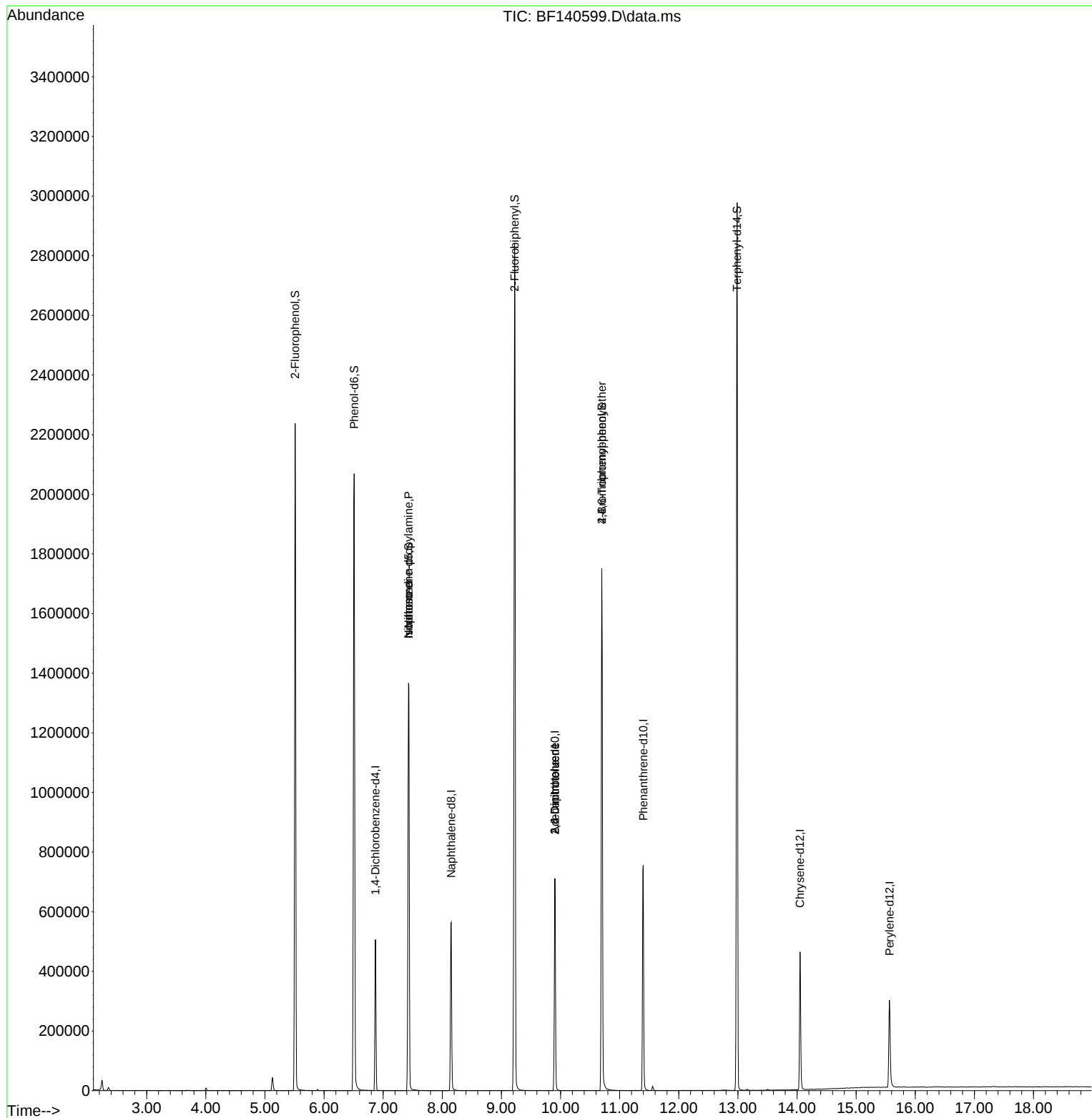
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	104822	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403503	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	233025	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	439175	20.000	ng	0.00
76) Chrysene-d12	14.051	240	240574	20.000	ng	0.00
86) Perylene-d12	15.563	264	200437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	844799	137.510	ng	0.01
7) Phenol-d6	6.510	99	1091261	134.360	ng	0.00
23) Nitrobenzene-d5	7.428	82	723152	91.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	322431	129.375	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1397256	89.339	ng	-0.01
79) Terphenyl-d14	12.986	244	1530916	99.090	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	97967	20.410	ng	# 76
25) Isophorone	7.428	82	714244	54.284	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	29229	8.398	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	29229	6.319	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	20356	4.501	ng	# 1

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

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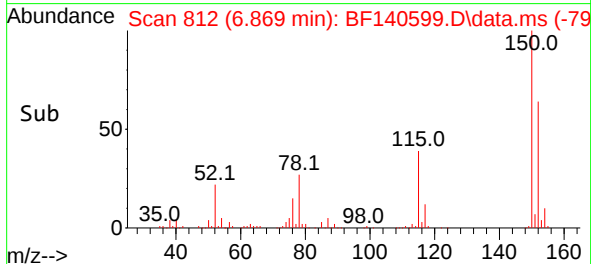
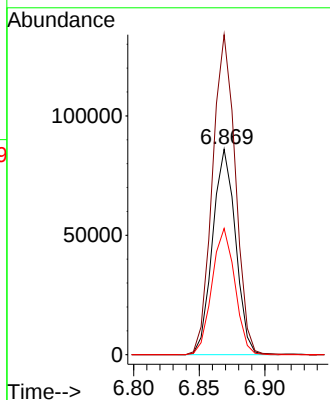
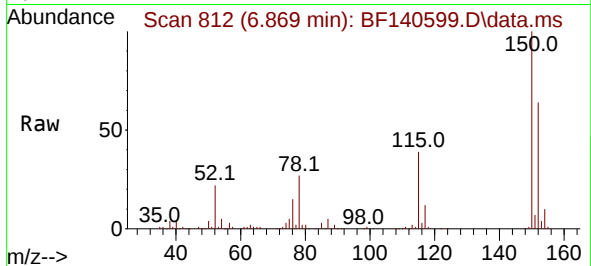




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

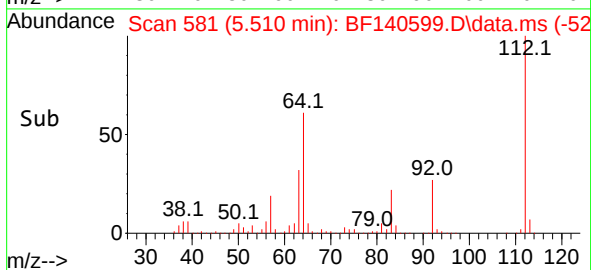
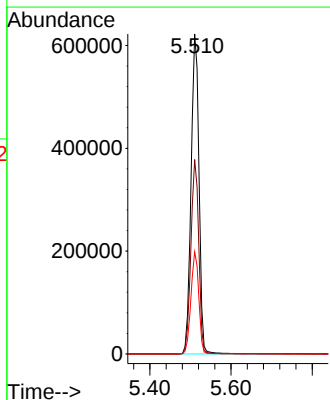
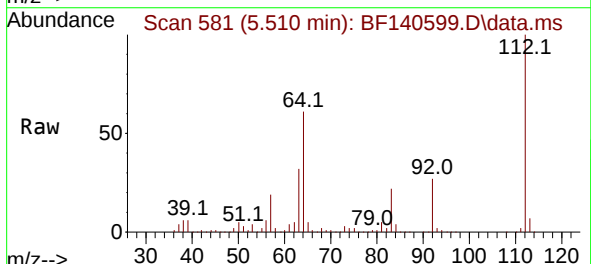
Instrument :
BNA_F
ClientSampleId :
PB164886TB

Tgt Ion:152 Resp: 104822
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 61.4 50.2 75.4



#5
2-Fluorophenol
Concen: 137.510 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Tgt Ion:112 Resp: 844799
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 31.9 27.0 40.4

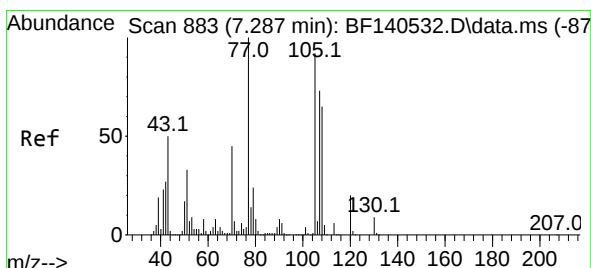
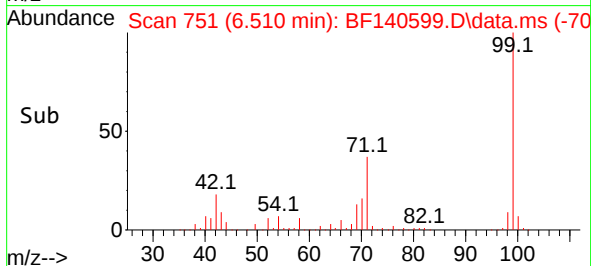
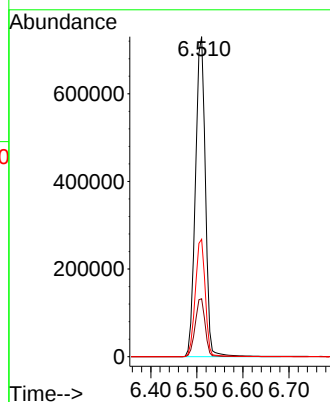
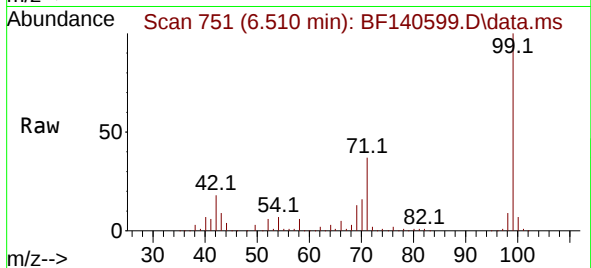




#7
Phenol-d6
Concen: 134.360 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

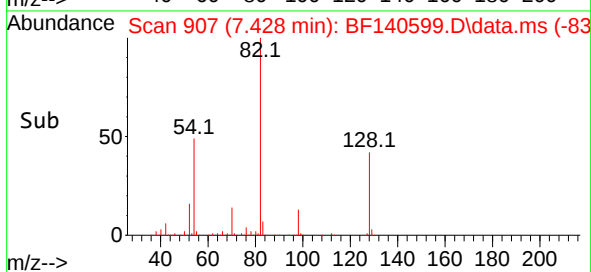
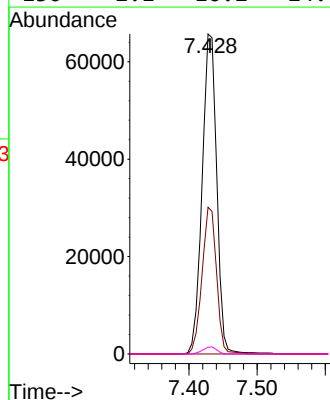
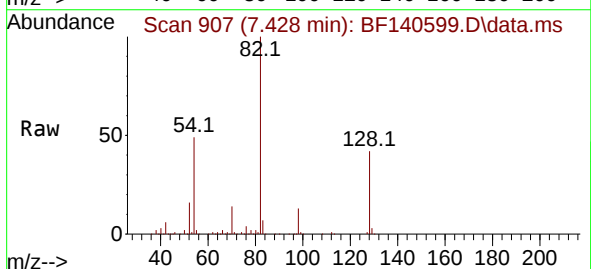
Instrument :
BNA_F
ClientSampleId :
PB164886TB

Tgt Ion: 99 Resp: 1091261
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.410 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Tgt Ion: 70 Resp: 97967
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



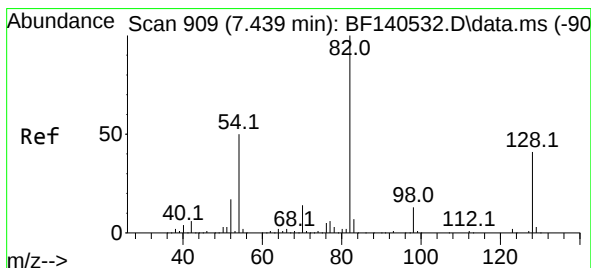
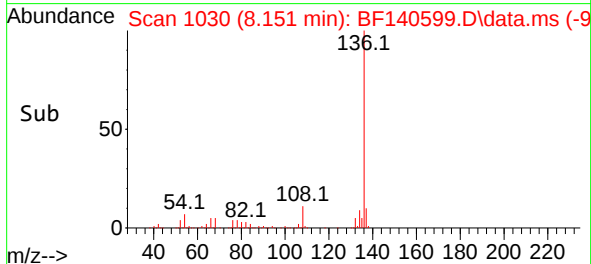
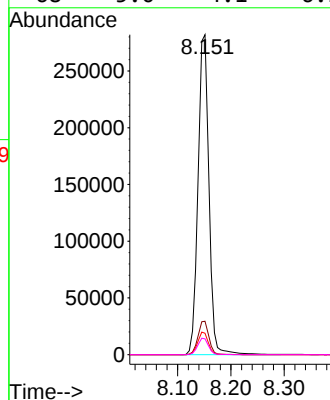
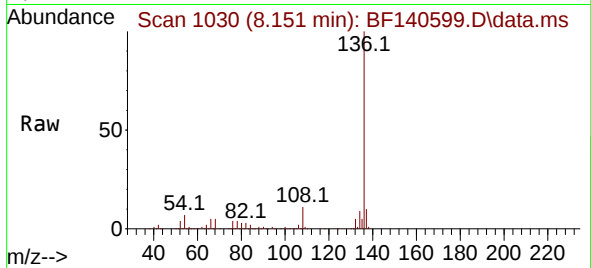


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB164886TB

Tgt Ion:136 Resp: 403503

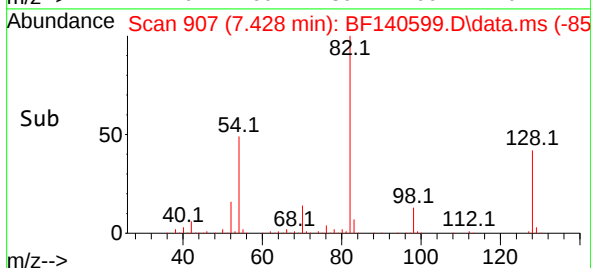
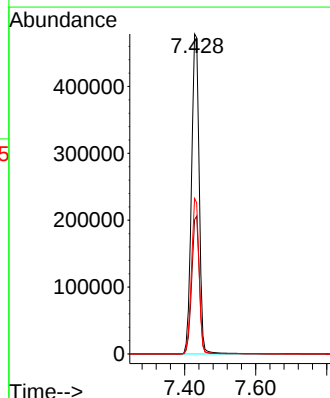
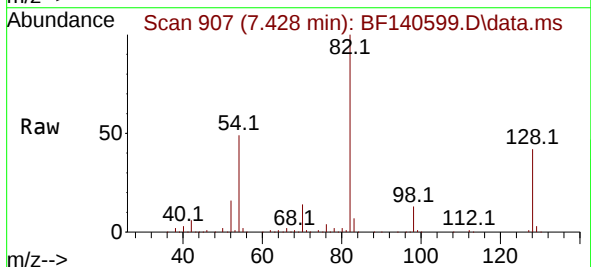
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.7	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 91.671 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Tgt Ion: 82 Resp: 723152

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	48.6	39.5	59.3

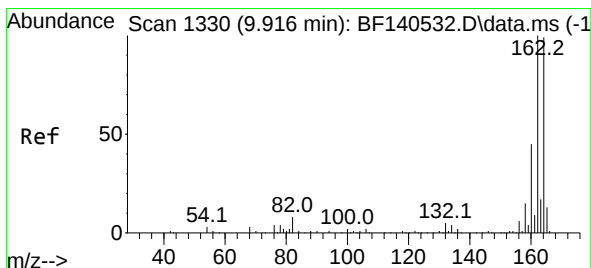
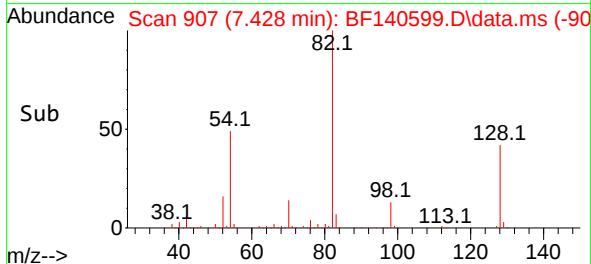
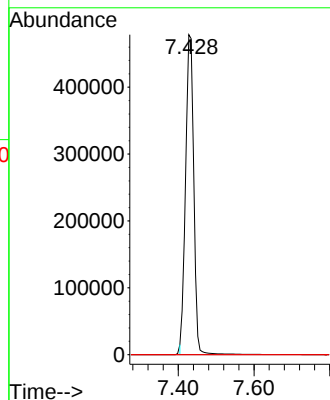
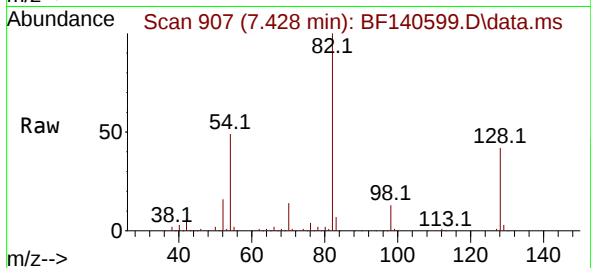




#25
Isophorone
Concen: 54.284 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

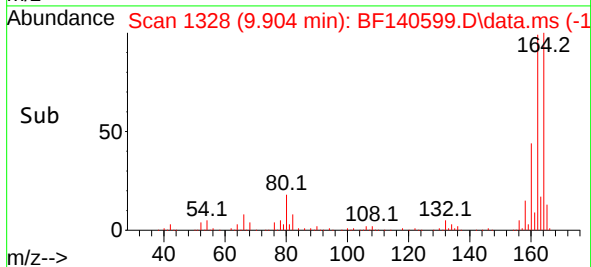
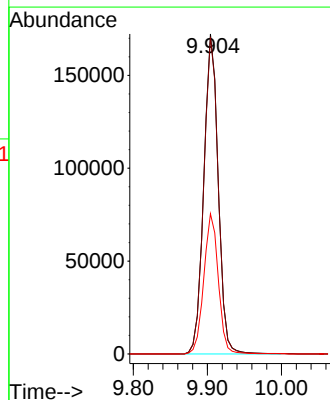
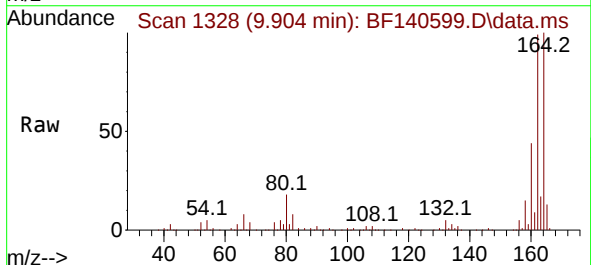
Instrument :
BNA_F
ClientSampleId :
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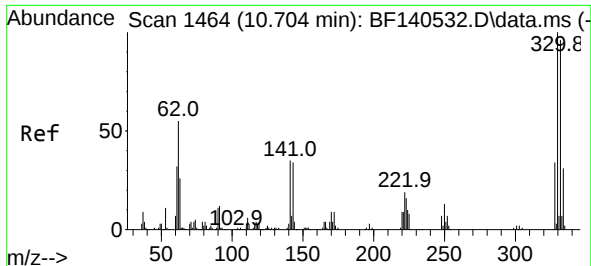
Tgt Ion: 82 Resp: 714244
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Tgt Ion:164 Resp: 233025
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.375 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB164886TB

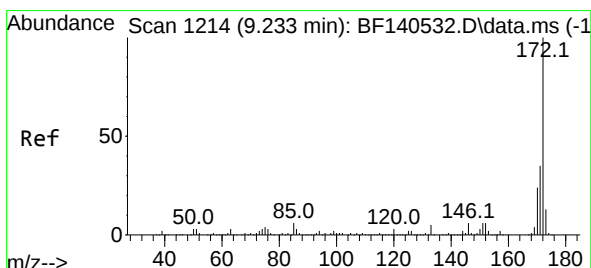
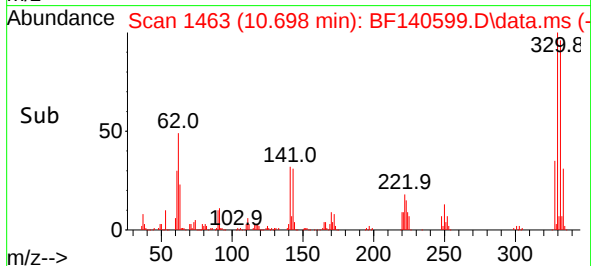
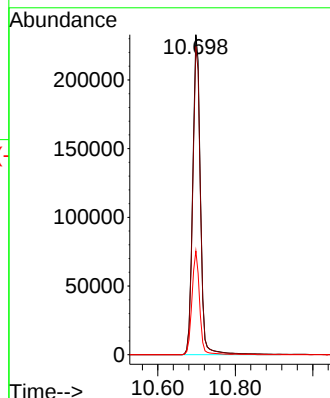
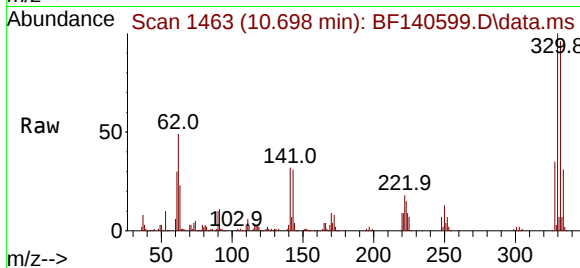
Tgt Ion:330 Resp: 322431

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 31.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 89.339 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

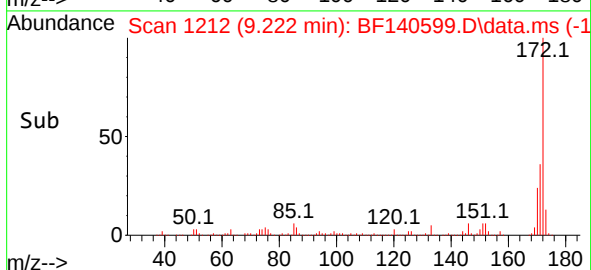
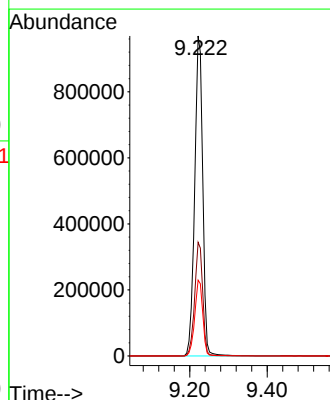
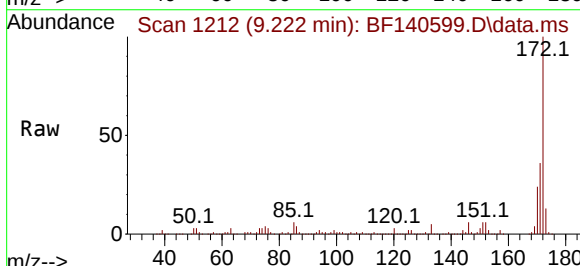
Tgt Ion:172 Resp: 1397256

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.0 28.6

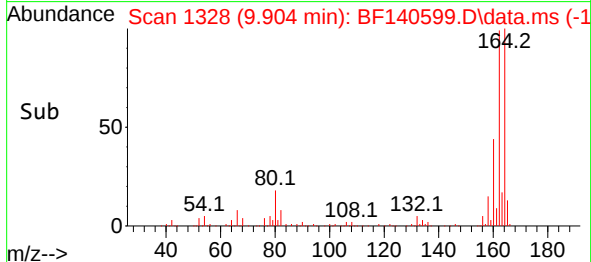
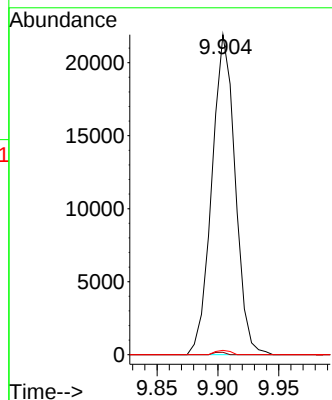
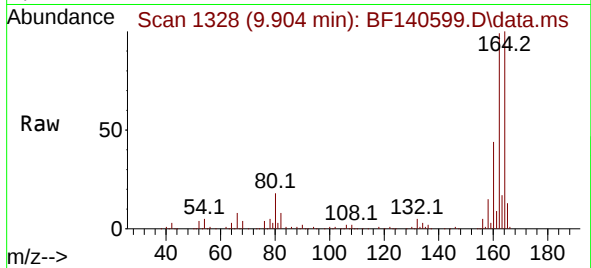




#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

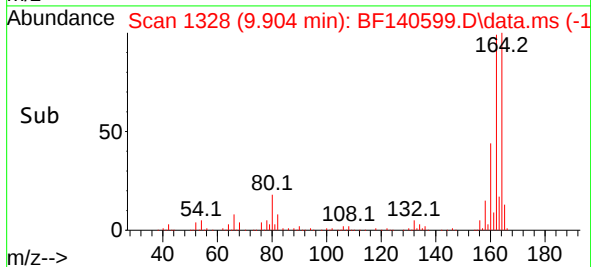
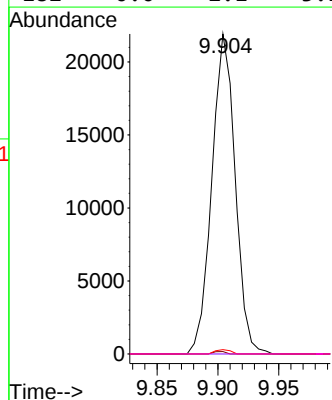
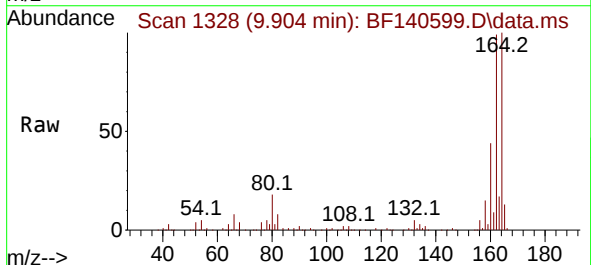
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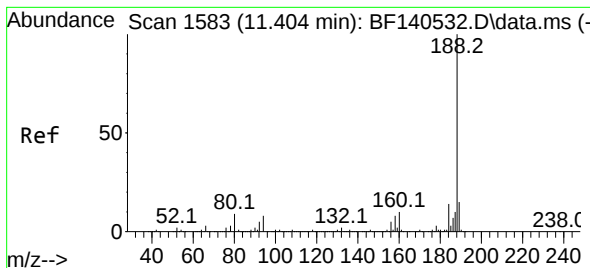
Tgt Ion:165 Resp: 29229
Ion Ratio Lower Upper
165 100
63 0.8 49.9 74.9#
89 1.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.319 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Tgt Ion:165 Resp: 29229
Ion Ratio Lower Upper
165 100
63 0.8 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# 1

Delta R.T. -0.006 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB164886TB

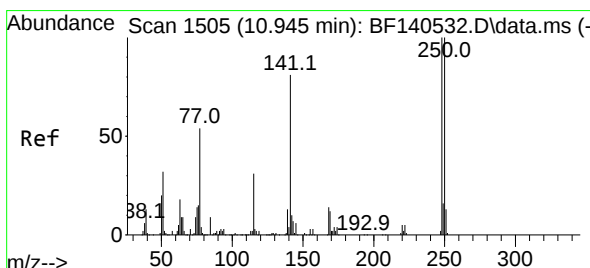
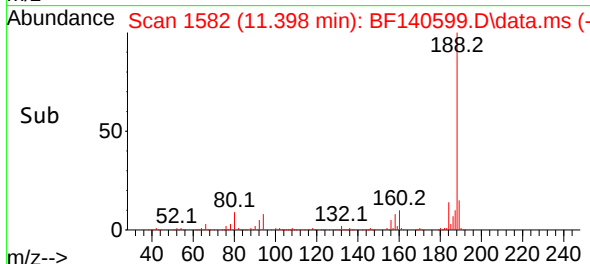
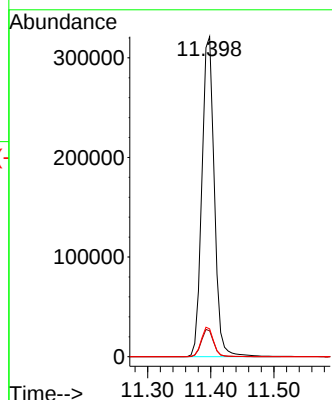
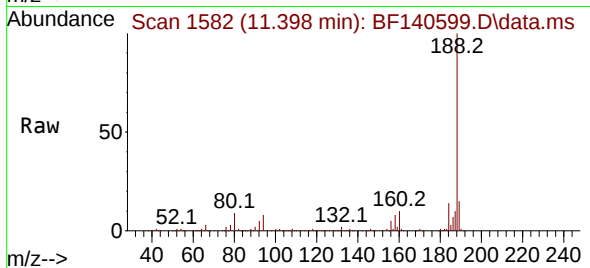
Tgt Ion:188 Resp: 439175

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.501 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

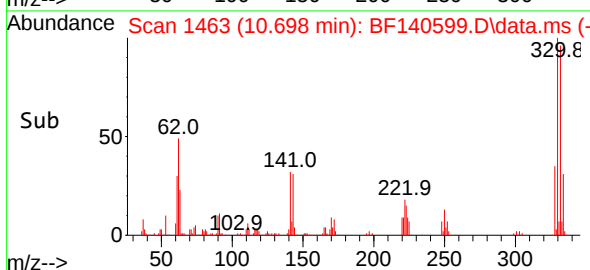
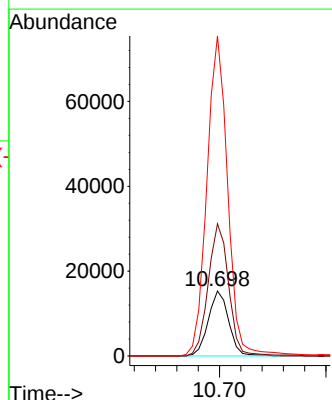
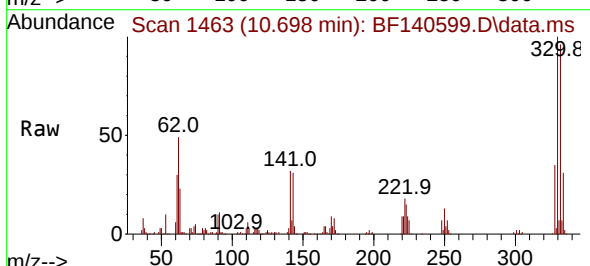
Tgt Ion:248 Resp: 20356

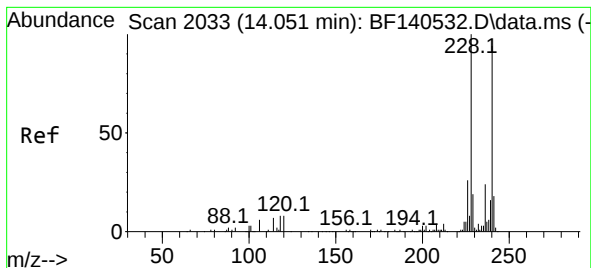
Ion Ratio Lower Upper

248 100

250 203.5 79.8 119.8#

141 492.7 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: BF140599.D

Acq: 25 Nov 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB164886TB

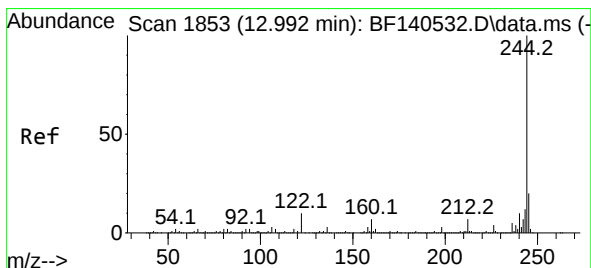
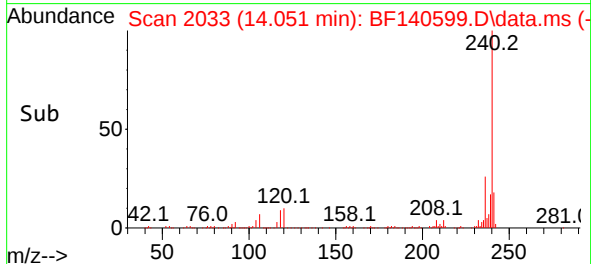
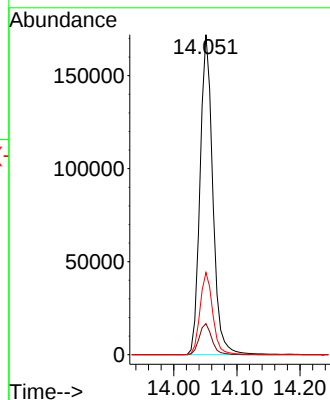
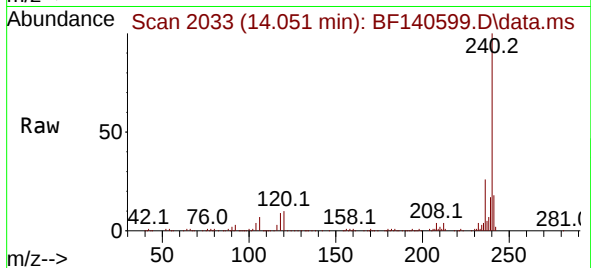
Tgt Ion:240 Resp: 240574

Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 99.090 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140599.D

Acq: 25 Nov 2024 13:27

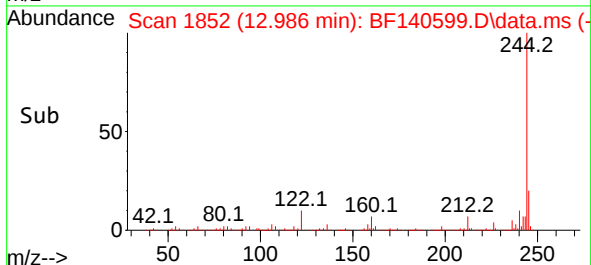
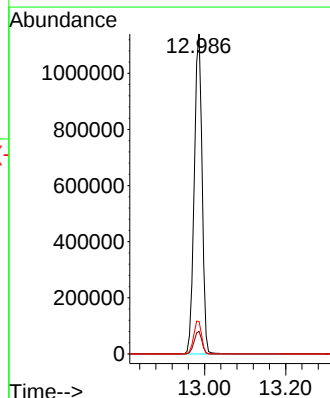
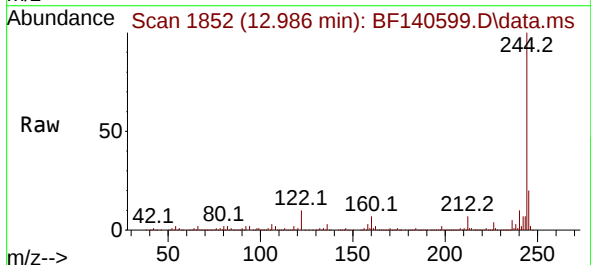
Tgt Ion:244 Resp: 1530916

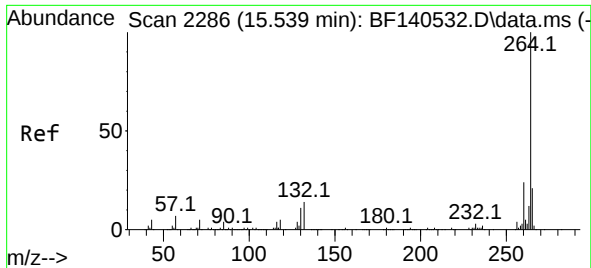
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140599.D
Acq: 25 Nov 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB164886TB

Tgt Ion:264 Resp: 200437

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.2	16.6	25.0

