

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140540.D
 Acq On : 21 Nov 2024 17:20
 Operator : RC/JU
 Sample : PB165060TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165060TB

Quant Time: Nov 21 17:44:58 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)

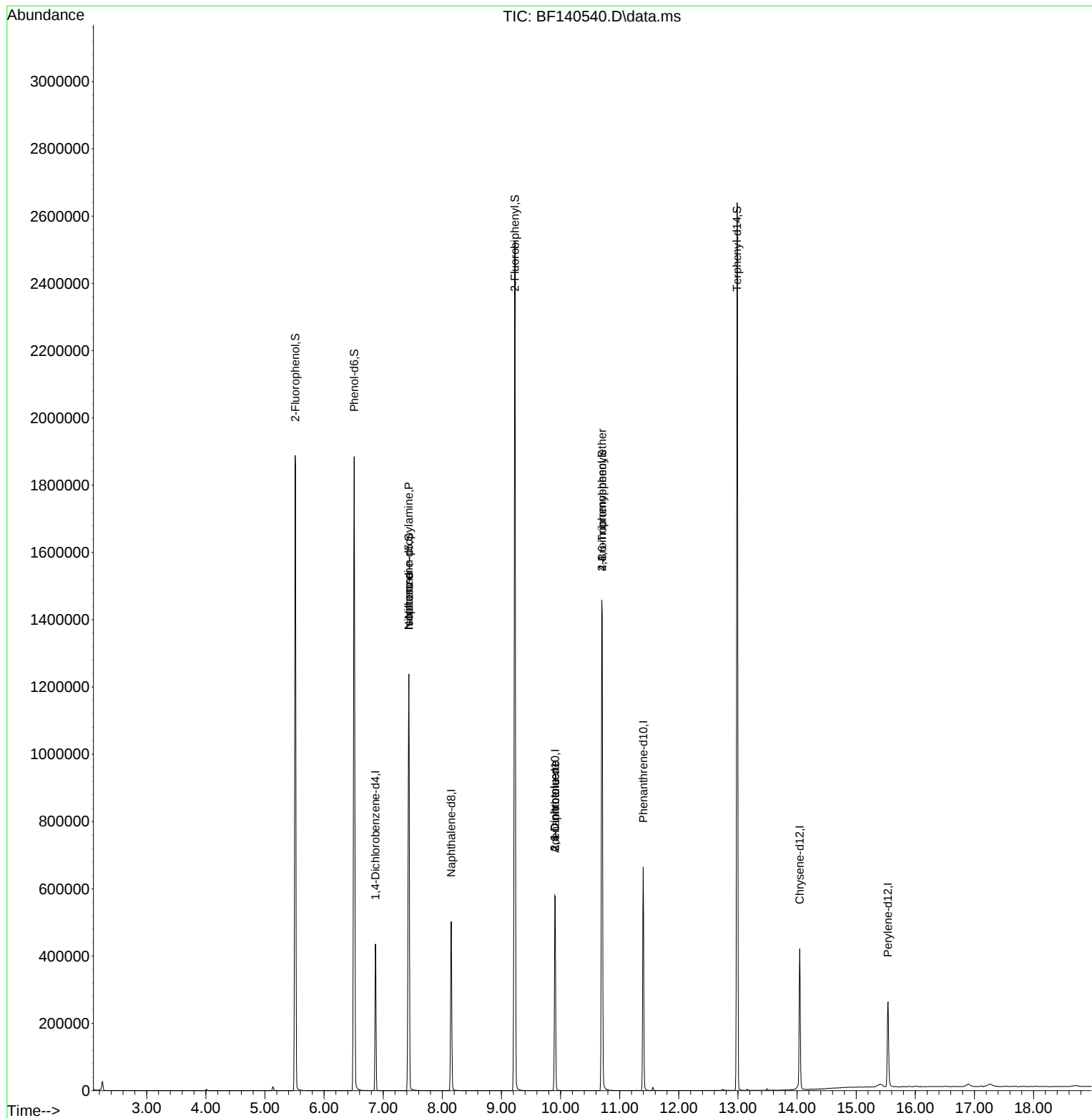
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336762	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	191525	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	362676	20.000	ng	0.00
76) Chrysene-d12	14.045	240	205517	20.000	ng	0.00
86) Perylene-d12	15.539	264	163891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	726916	138.190	ng	0.02
7) Phenol-d6	6.510	99	938987	135.025	ng	0.00
23) Nitrobenzene-d5	7.433	82	625240	94.967	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265428	129.580	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1207853	93.963	ng	0.00
79) Terphenyl-d14	12.986	244	1311789	99.390	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	85612	20.831	ng	Qvalue # 76
25) Isophorone	7.433	82	617000	56.187	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24484	8.559	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	24484	6.440	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	17109	4.581	ng	# 1

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

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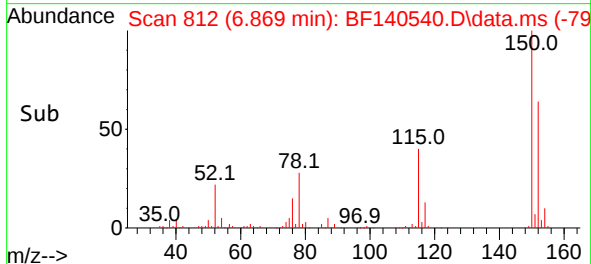
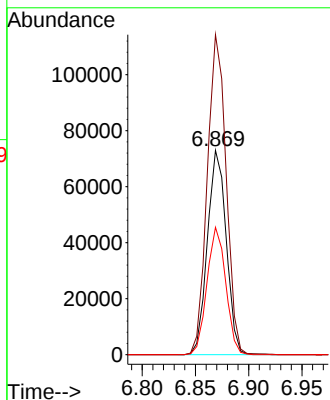
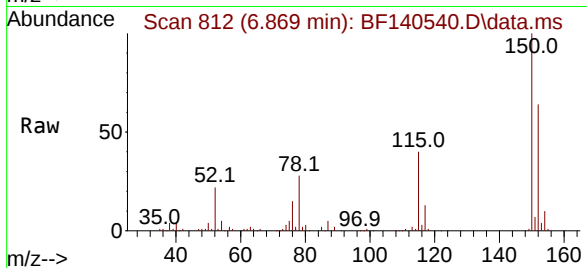




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

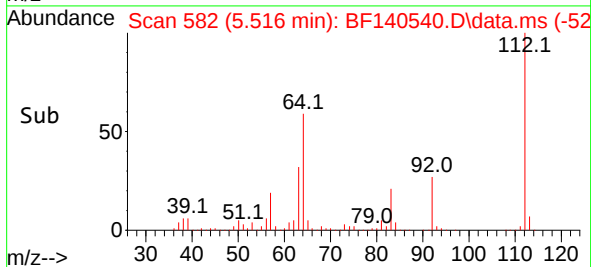
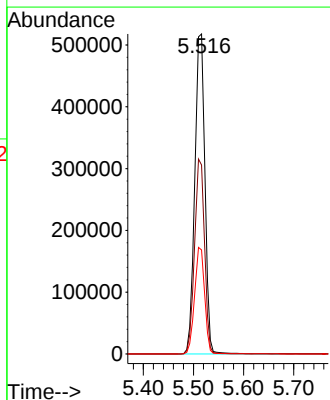
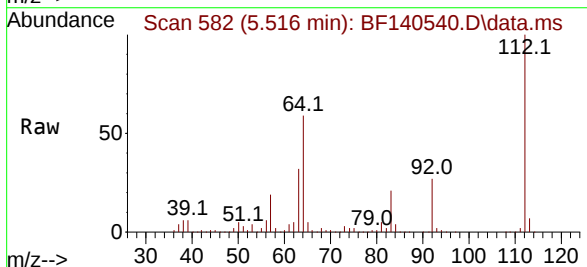
Instrument :
BNA_F
ClientSampleId :
PB165060TB

Tgt Ion:152 Resp: 89751
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 138.190 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:112 Resp: 726916
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 32.5 27.0 40.4





#7

Phenol-d6

Concen: 135.025 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

Instrument :

BNA_F

ClientSampleId :

PB165060TB

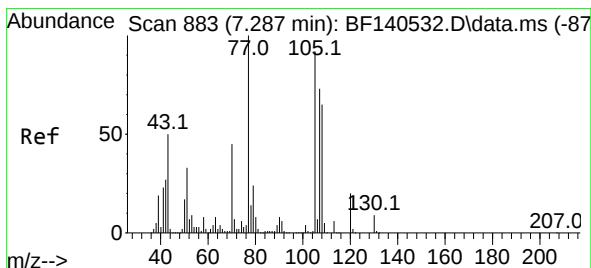
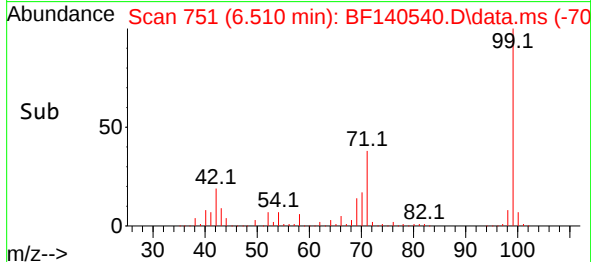
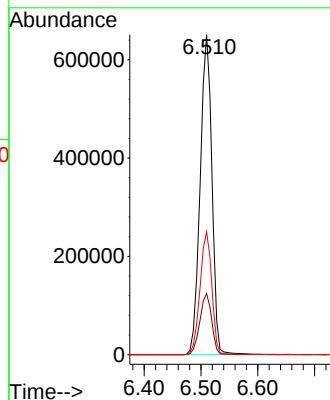
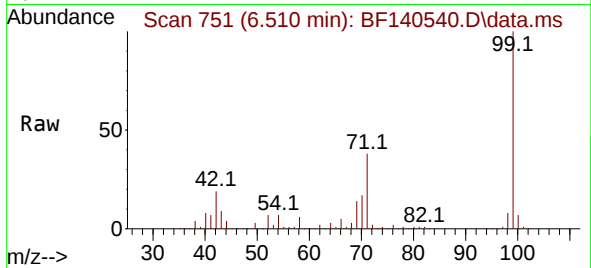
Tgt Ion: 99 Resp: 938987

Ion Ratio Lower Upper

99 100

42 19.1 15.4 23.0

71 38.4 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.831 ng

RT: 7.433 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

Tgt Ion: 70 Resp: 85612

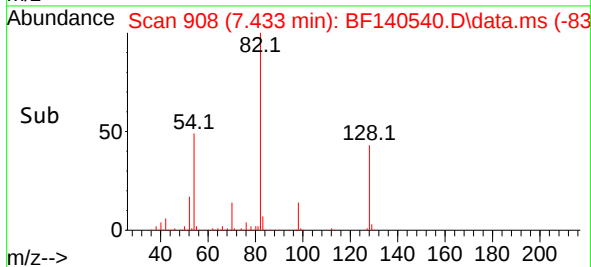
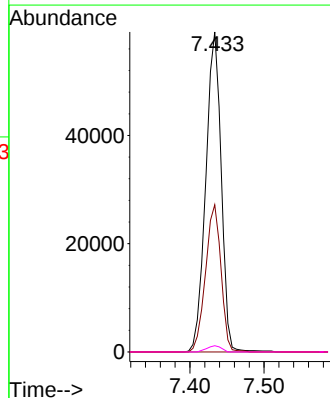
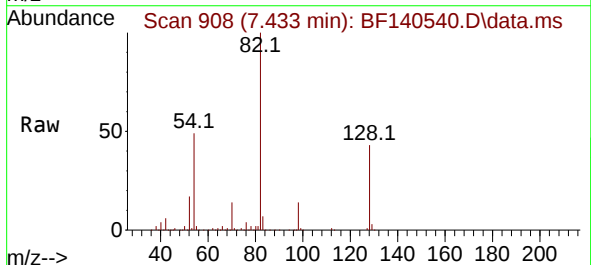
Ion Ratio Lower Upper

70 100

42 46.0 47.6 71.4#

101 0.0 7.6 11.4#

130 2.0 16.2 24.4#



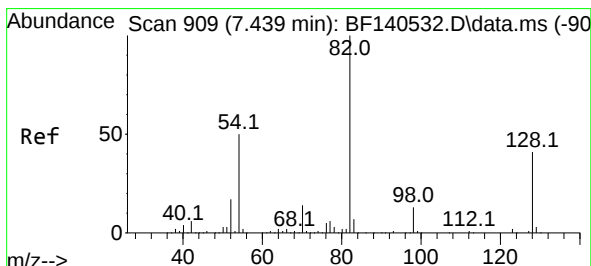
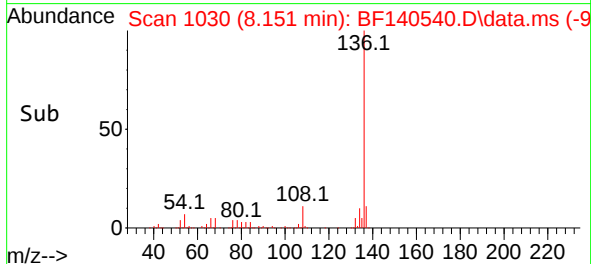
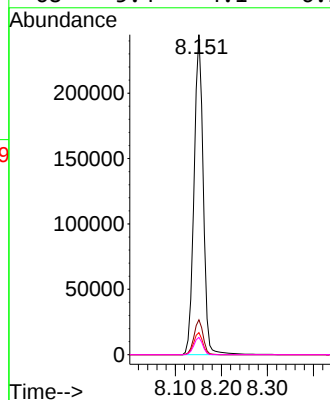
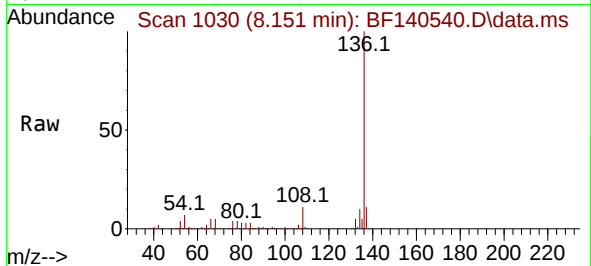


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Instrument :
BNA_F
ClientSampleId :
PB165060TB

Tgt Ion:136 Resp: 336762

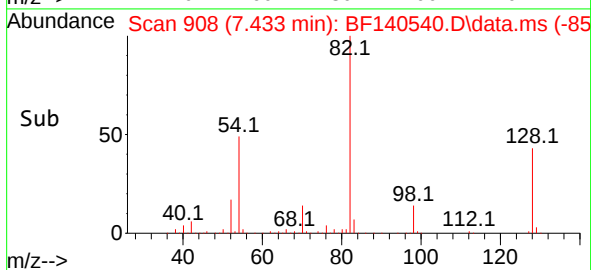
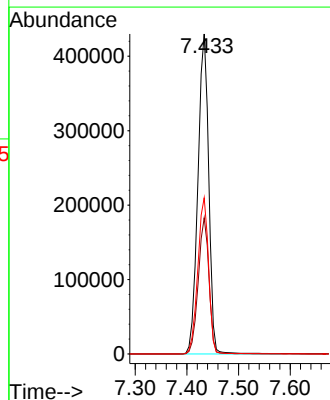
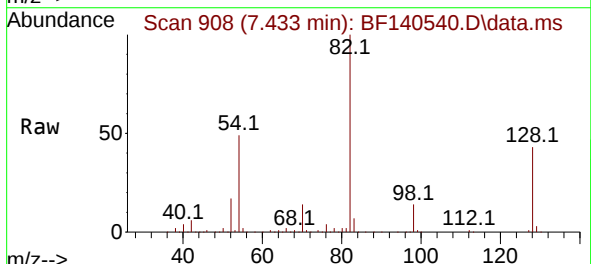
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 94.967 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 82 Resp: 625240

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	48.8	39.5	59.3

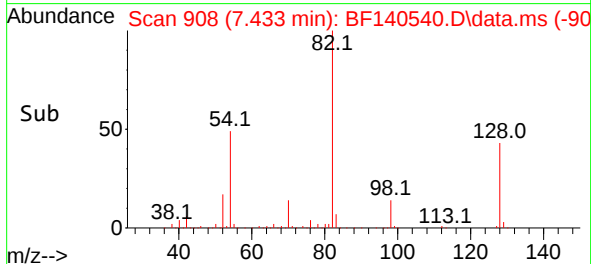
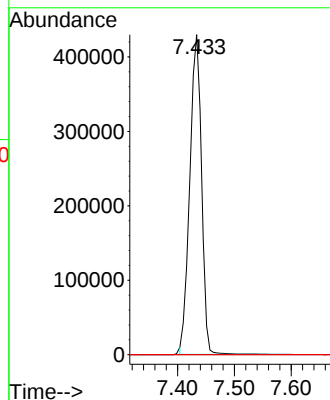
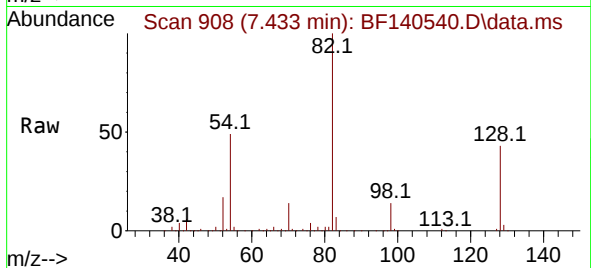




#25
Isophorone
Concen: 56.187 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

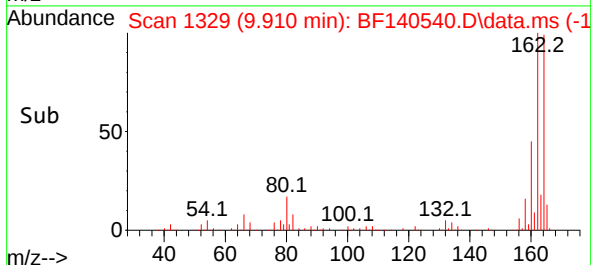
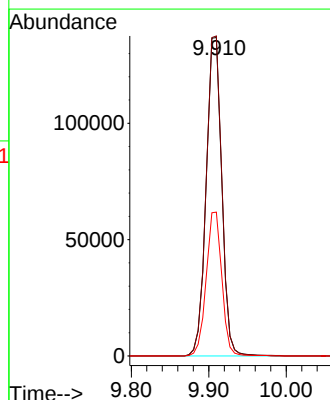
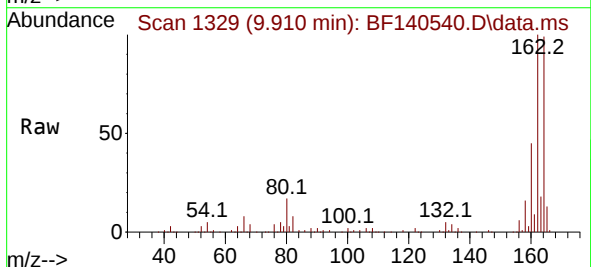
Instrument :
BNA_F
ClientSampleId :
PB165060TB

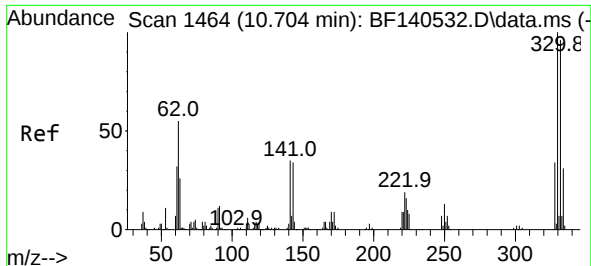
Tgt Ion: 82 Resp: 617000
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:164 Resp: 191525
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.580 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

Instrument :

BNA_F

ClientSampleId :

PB165060TB

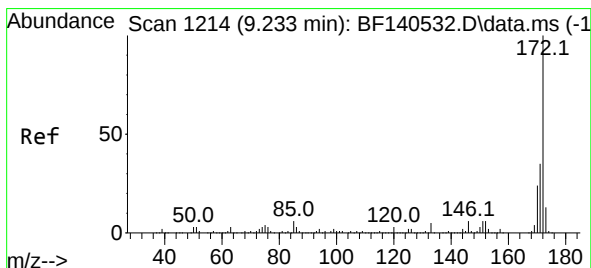
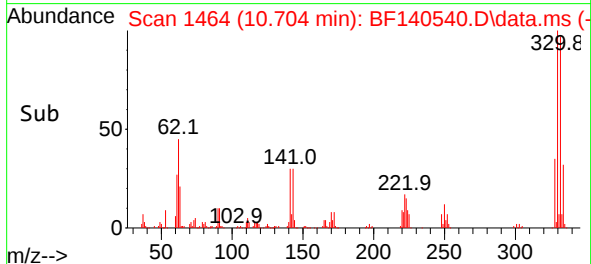
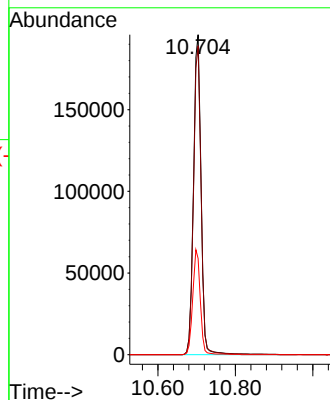
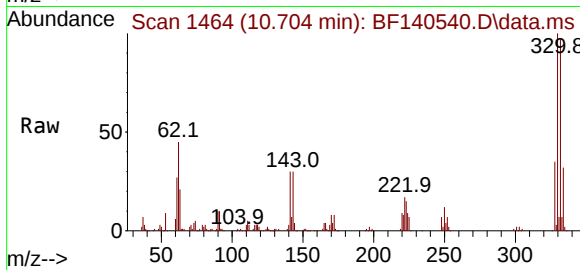
Tgt Ion:330 Resp: 265428

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 32.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 93.963 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

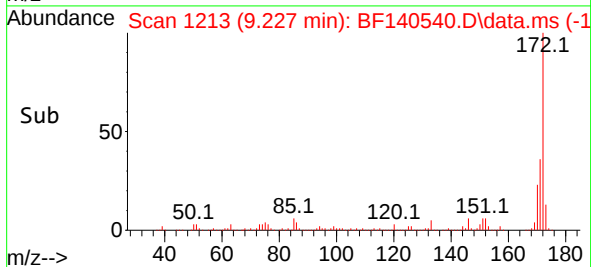
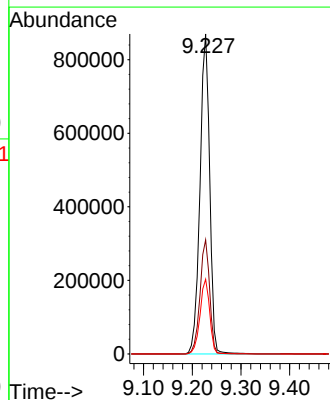
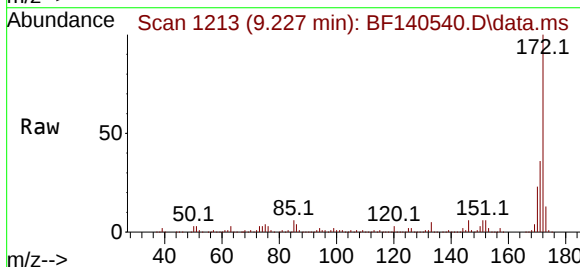
Tgt Ion:172 Resp: 1207853

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.3 19.0 28.6

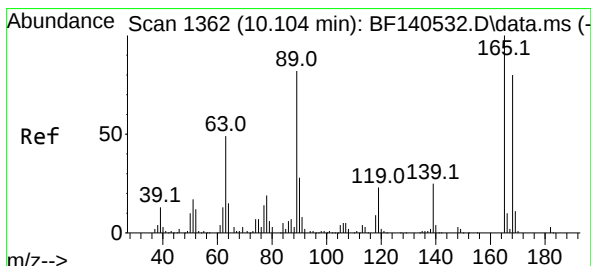
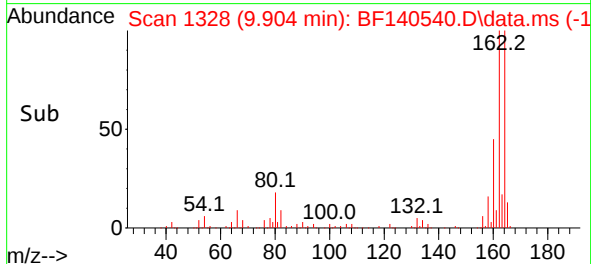
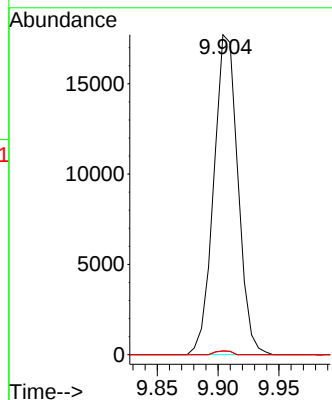
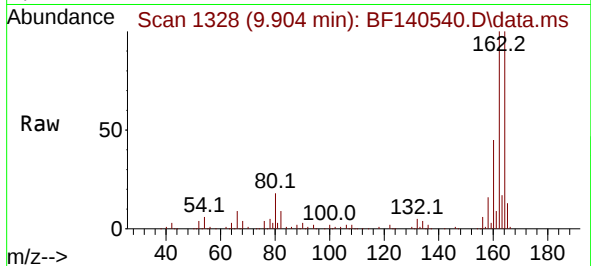




#51
2,6-Dinitrotoluene
Concen: 8.559 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

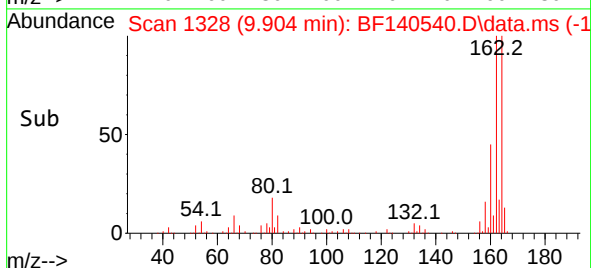
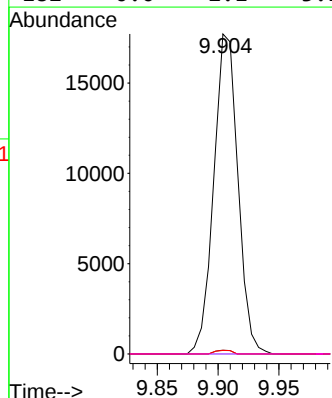
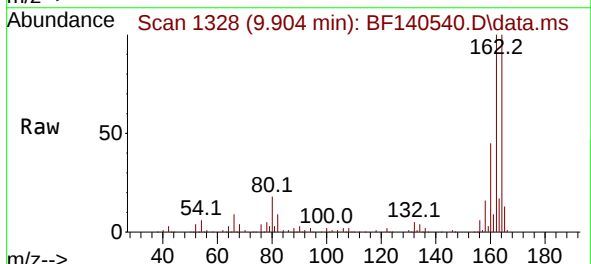
Instrument :
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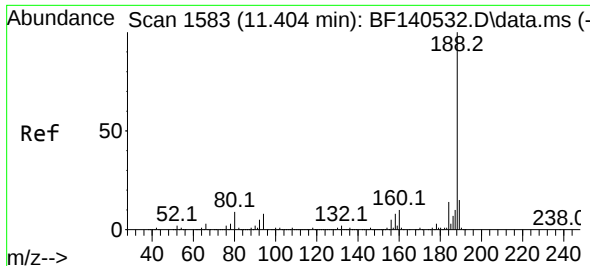
Tgt Ion:165 Resp: 24484
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.440 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:165 Resp: 24484
Ion Ratio Lower Upper
165 100
63 1.2 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#

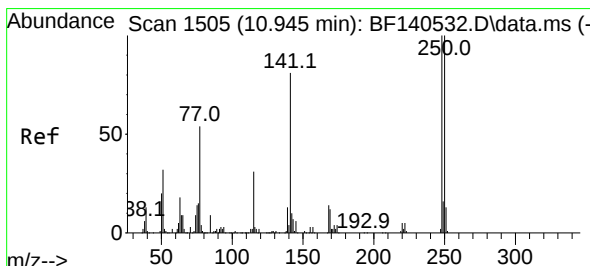
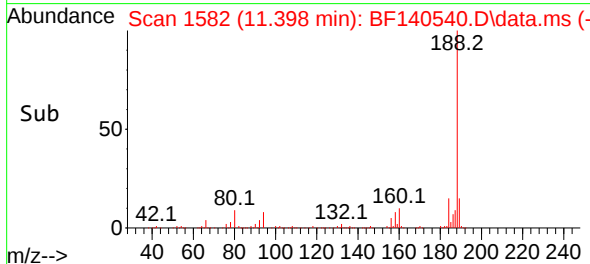
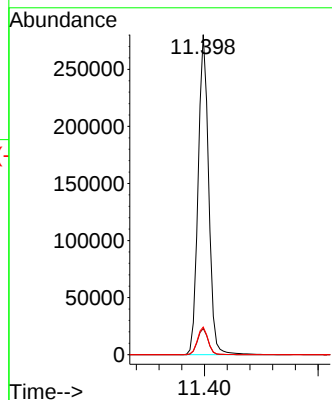
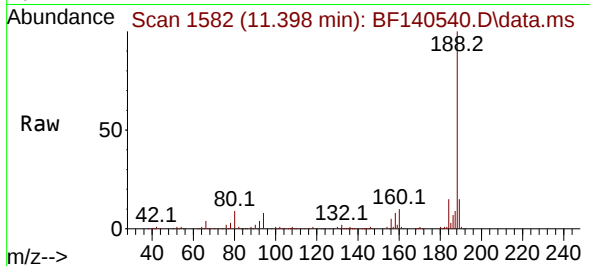




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

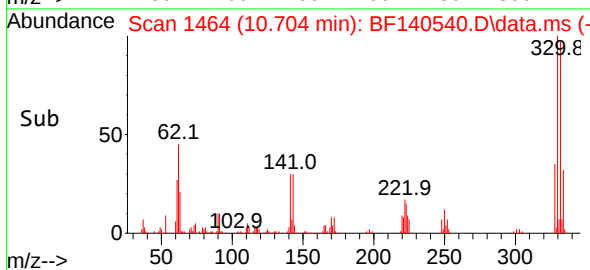
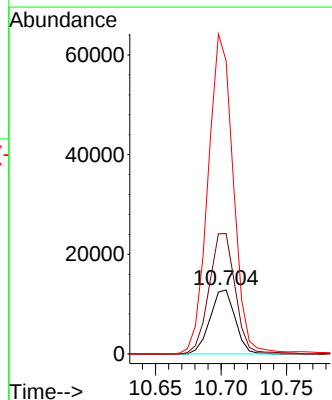
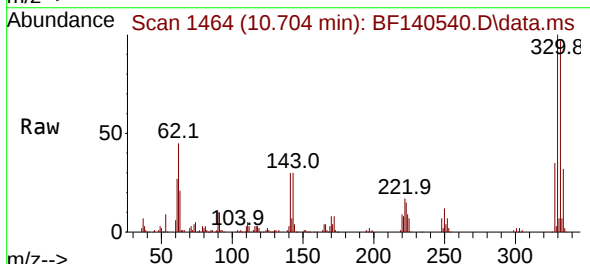
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BNA_F
ClientSampleId :
PB165060TB

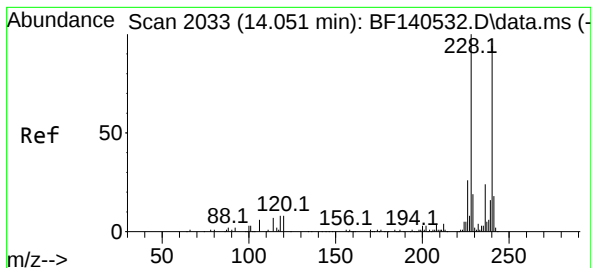
Tgt Ion:188 Resp: 362676
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.6 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.581 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140540.D
Acq: 21 Nov 2024 17:20

Tgt Ion:248 Resp: 17109
Ion Ratio Lower Upper
248 100
250 187.9 79.8 119.8#
141 457.7 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: BF140540.D

Acq: 21 Nov 2024 17:20

Instrument :

BNA_F

ClientSampleId :

PB165060TB

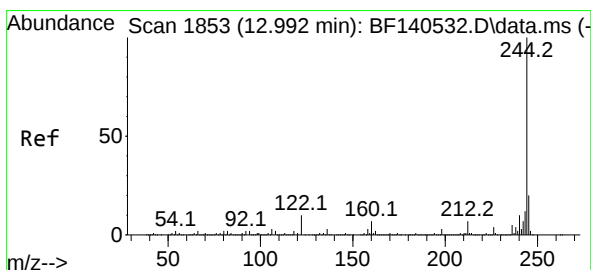
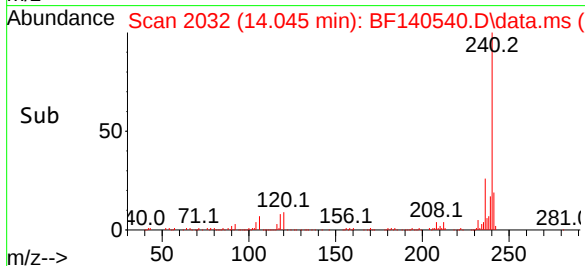
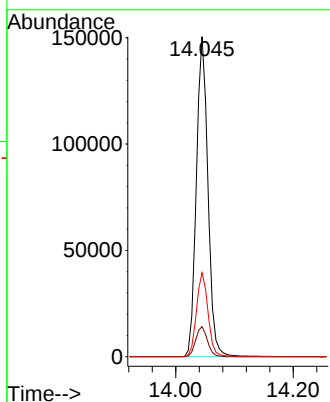
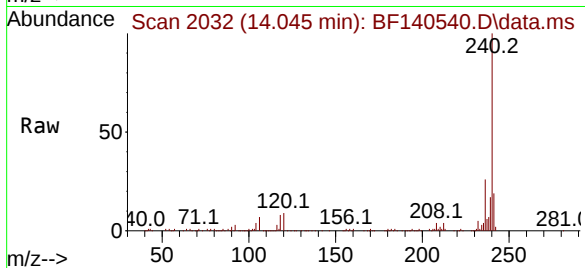
Tgt Ion:240 Resp: 205517

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 26.3 20.6 31.0



#79

Terphenyl-d14

Concen: 99.390 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140540.D

Acq: 21 Nov 2024 17:20

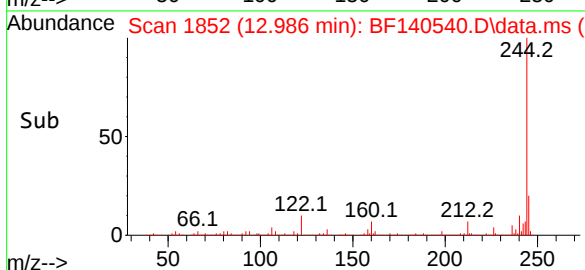
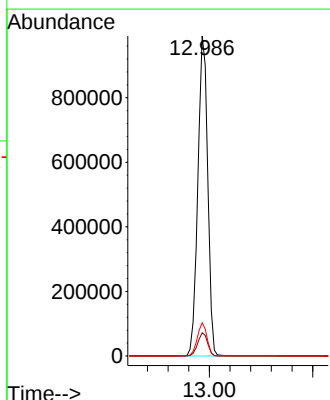
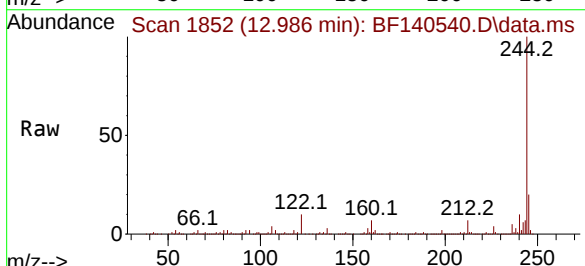
Tgt Ion:244 Resp: 1311789

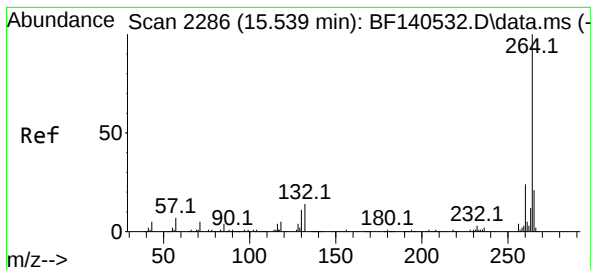
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140540.D

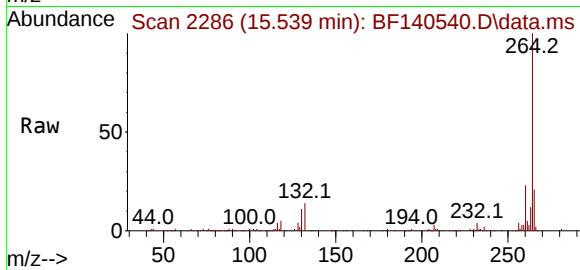
Acq: 21 Nov 2024 17:20

Instrument :

BNA_F

ClientSampleId :

PB165060TB



Tgt Ion:264 Resp: 163891

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.4 16.6 25.0

