

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140389.D
 Acq On : 15 Nov 2024 03:08
 Operator : RC/JU
 Sample : P4793-01 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M00-24-00345

Quant Time: Nov 15 04:06:58 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)

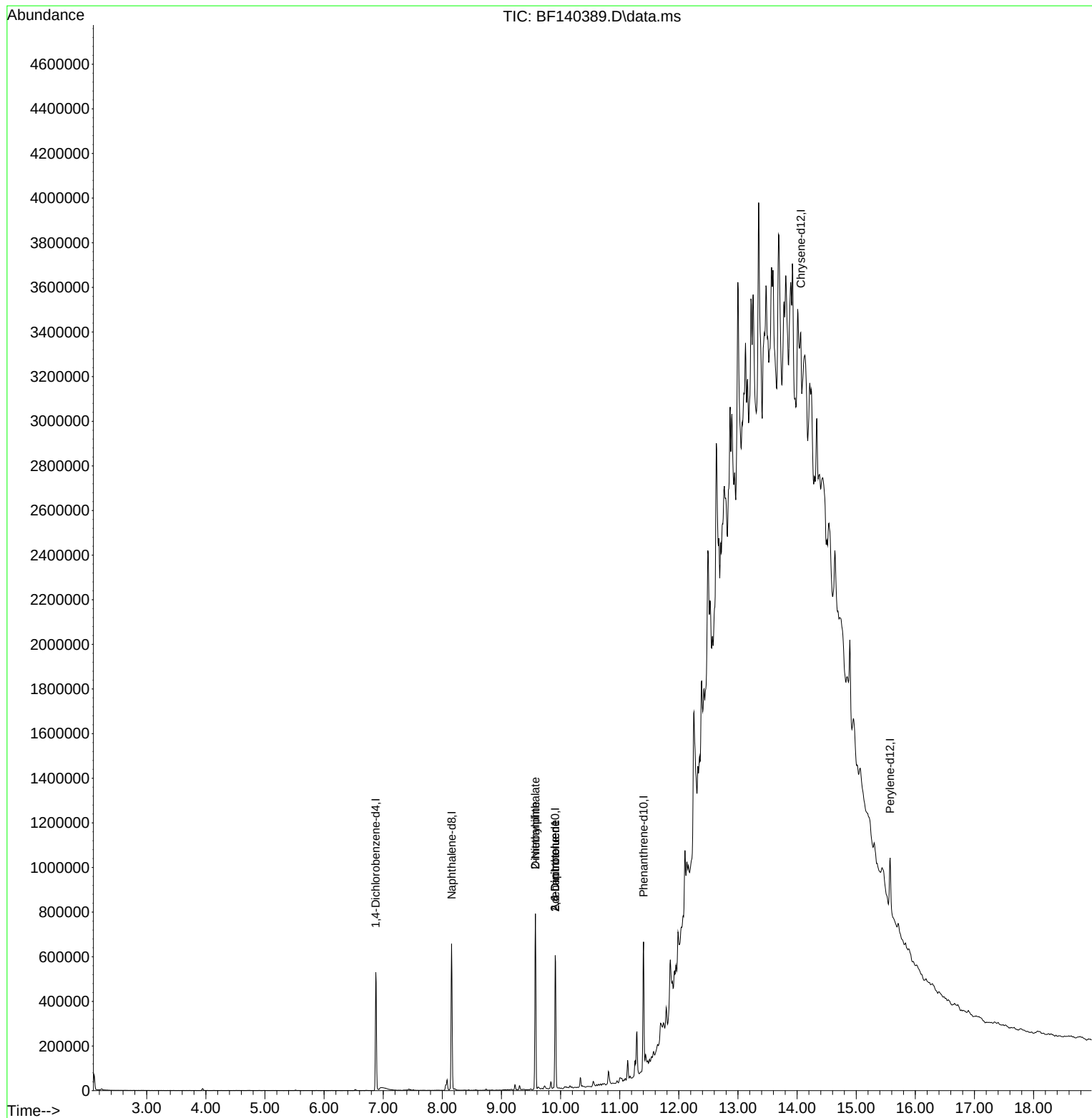
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	114082	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	403396	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181926	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	303753	20.000	ng	0.00
76) Chrysene-d12	14.063	240	153023	20.000	ng	0.01
86) Perylene-d12	15.574	264	139199	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1075	0.161	ng	0.02
7) Phenol-d6	6.528	99	2858	0.316	ng	0.02
23) Nitrobenzene-d5	7.434	82	2692	0.348	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	1633	0.903	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	11395	1.007	ng	0.00
79) Terphenyl-d14	12.992	244	9924	1.126	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	9.575	65	7617	2.278	ng	# 26
50) Dimethylphthalate	9.575	163	41533	3.502	ng	# 93
51) 2,6-Dinitrotoluene	9.910	165	22744	8.413	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	22744	6.393	ng	# 20

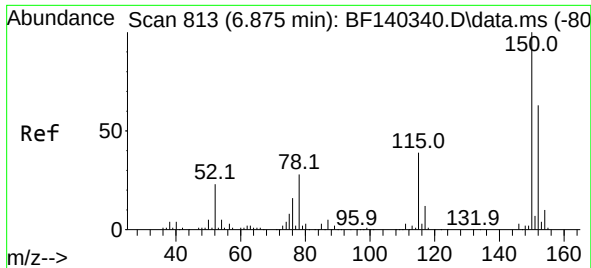
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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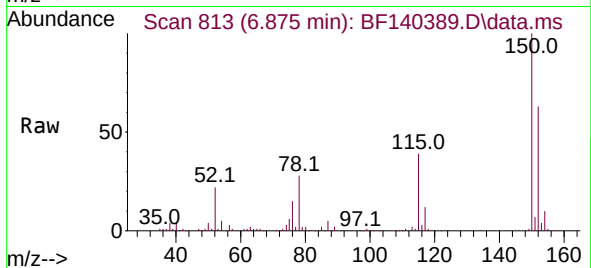
Quant Time: Nov 15 04:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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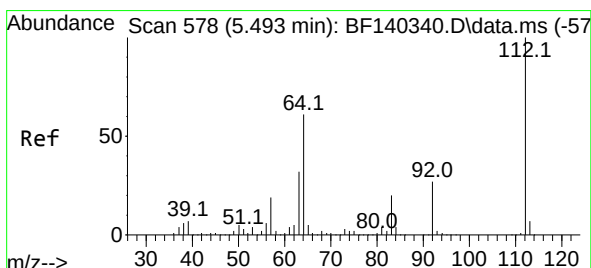
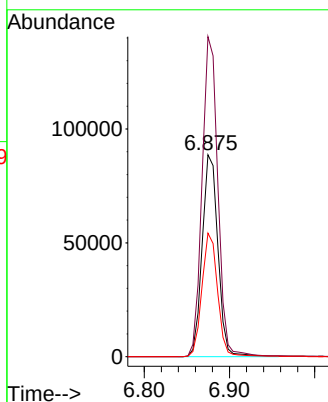
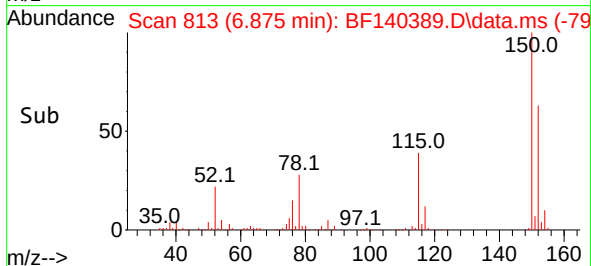


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

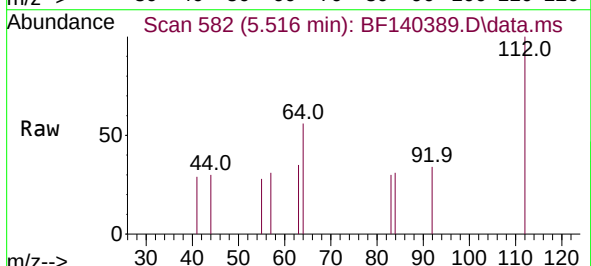
Instrument :
BNA_F
ClientSampleId :
M00-24-00345



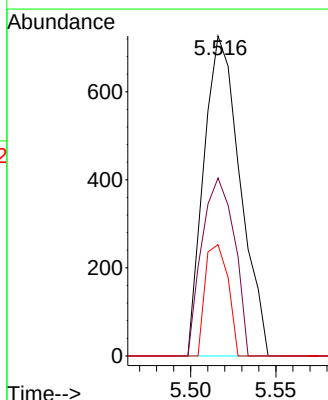
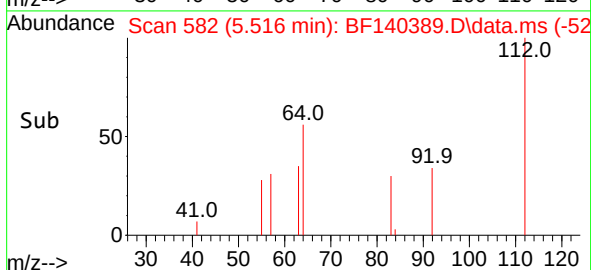
Tgt Ion:152 Resp: 114082
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.2 47.4 71.2

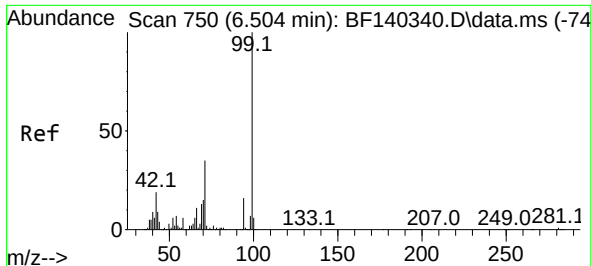


#5
2-Fluorophenol
Concen: 0.161 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08



Tgt Ion:112 Resp: 1075
Ion Ratio Lower Upper
112 100
64 55.6 49.2 73.8
63 34.8 25.6 38.4





#7

Phenol-d6

Concen: 0.316 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.023 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Instrument :

BNA_F

ClientSampleId :

M00-24-00345

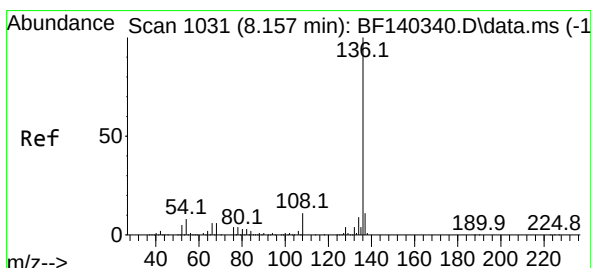
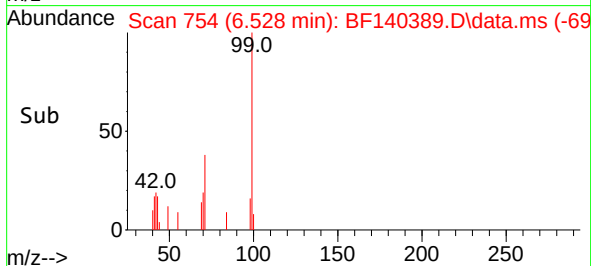
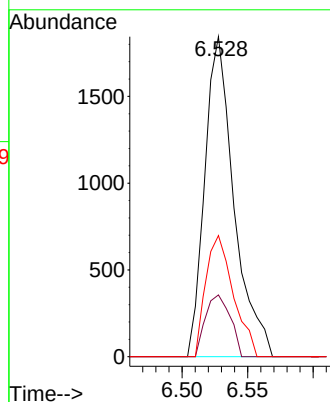
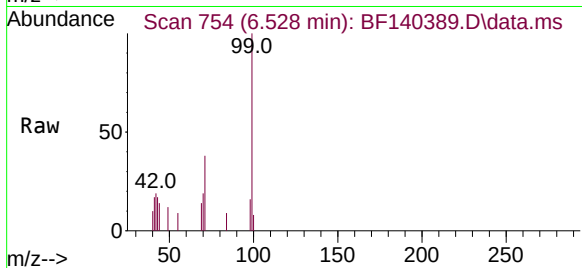
Tgt Ion: 99 Resp: 2858

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

71 37.9 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Tgt Ion: 136 Resp: 403396

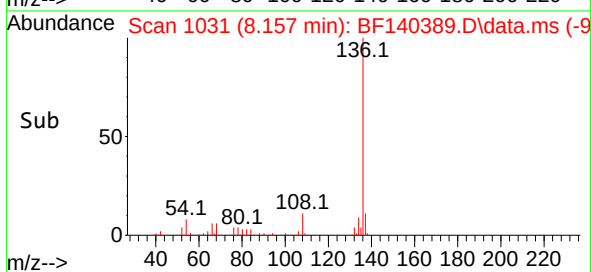
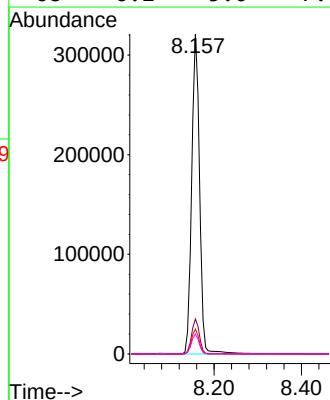
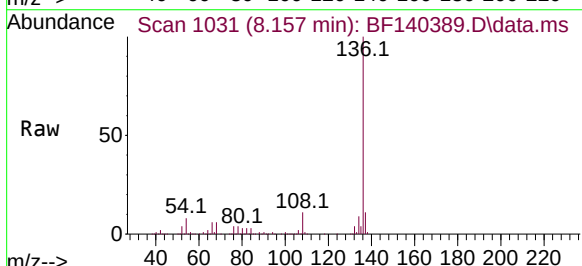
Ion Ratio Lower Upper

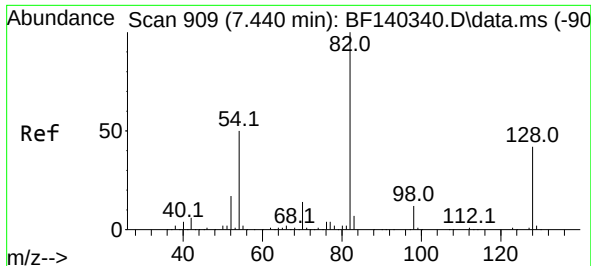
136 100

137 10.9 8.7 13.1

54 7.8 6.5 9.7

68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 0.348 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Instrument :

BNA_F

ClientSampleId :

M00-24-00345

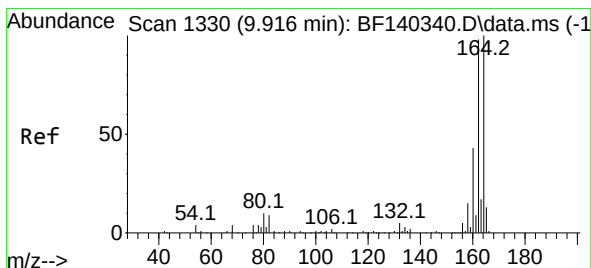
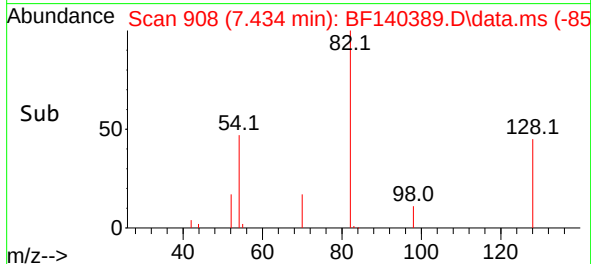
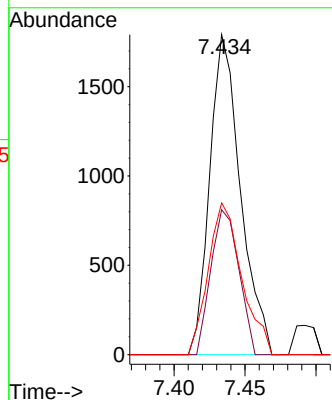
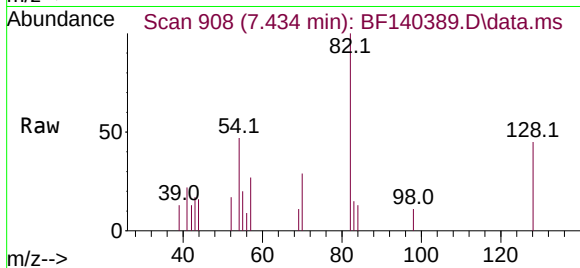
Tgt Ion: 82 Resp: 2692

Ion Ratio Lower Upper

82 100

128 45.3 33.3 49.9

54 47.5 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

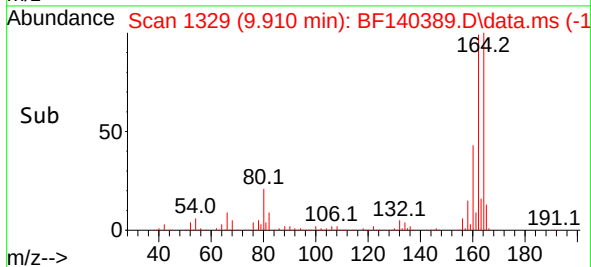
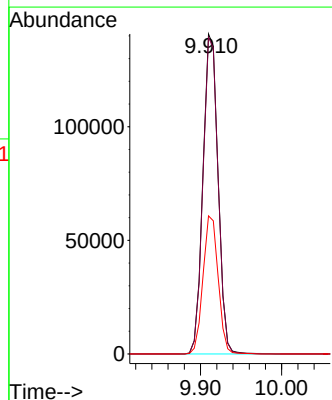
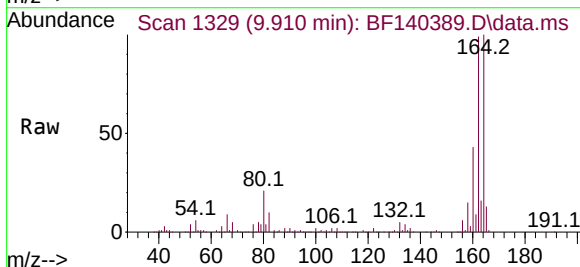
Tgt Ion:164 Resp: 181926

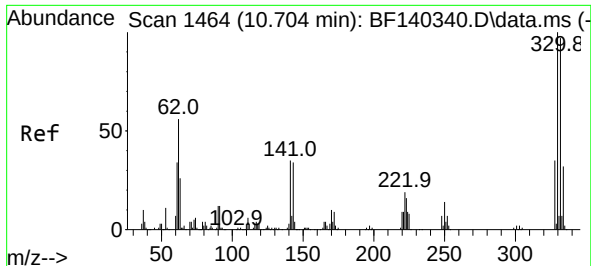
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

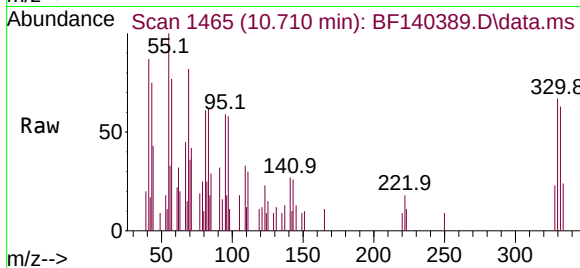
160 43.1 35.4 53.0



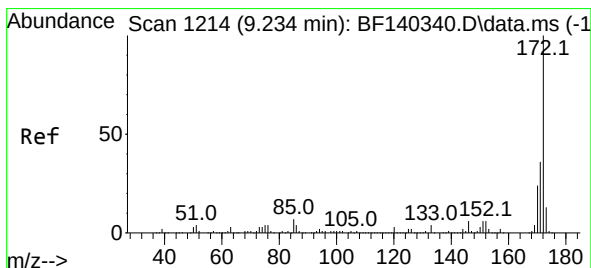
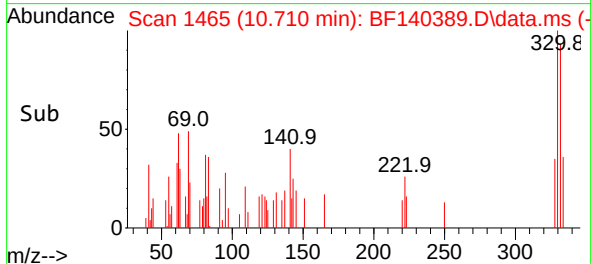
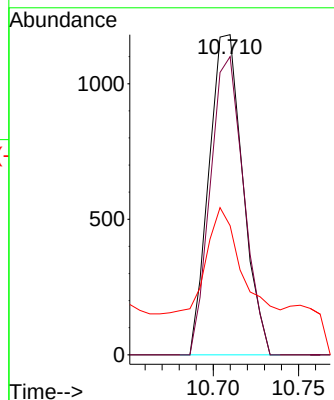


#42
2,4,6-Tribromophenol
Concen: 0.903 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Instrument :
BNA_F
ClientSampleId :
M00-24-00345

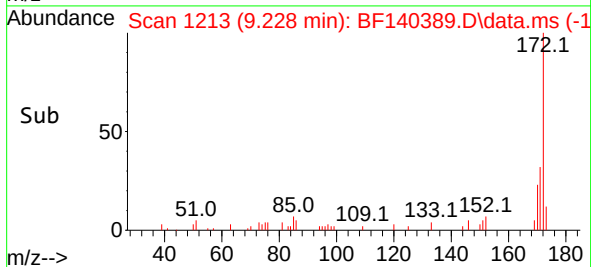
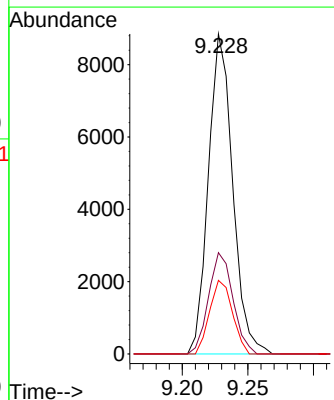
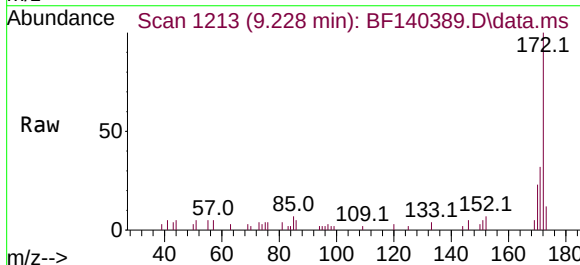


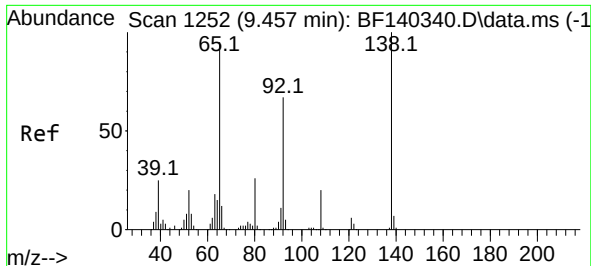
Tgt Ion:330 Resp: 1633
Ion Ratio Lower Upper
330 100
332 91.7 75.9 113.9
141 40.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 1.007 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion:172 Resp: 11395
Ion Ratio Lower Upper
172 100
171 31.6 28.5 42.7
170 23.0 19.1 28.7





#48

2-Nitroaniline

Concen: 2.278 ng

RT: 9.575 min Scan# 1

Delta R.T. 0.118 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Instrument :

BNA_F

ClientSampleId :

M00-24-00345

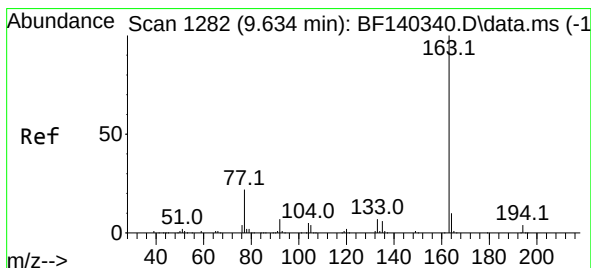
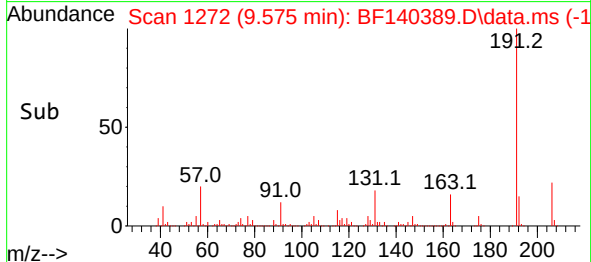
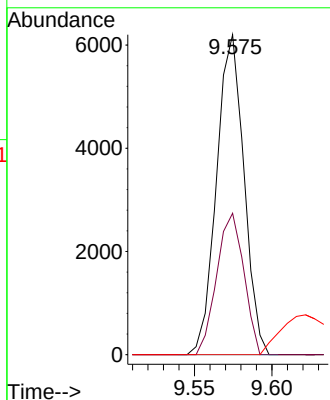
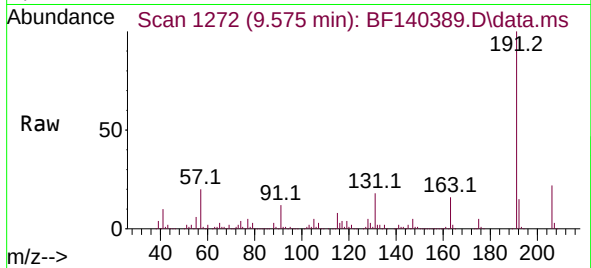
Tgt Ion: 65 Resp: 7617

Ion Ratio Lower Upper

65 100

92 44.2 56.4 84.6#

138 0.0 84.8 127.2#



#50

Dimethylphthalate

Concen: 3.502 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.059 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

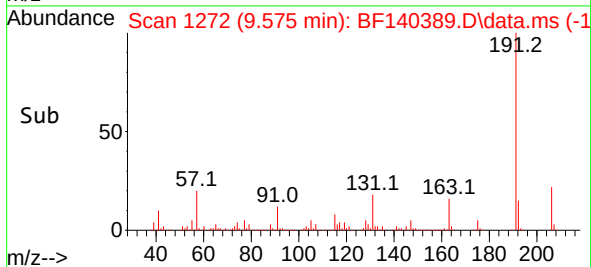
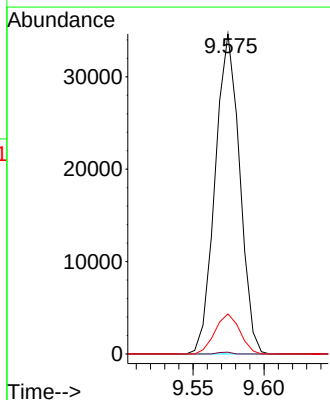
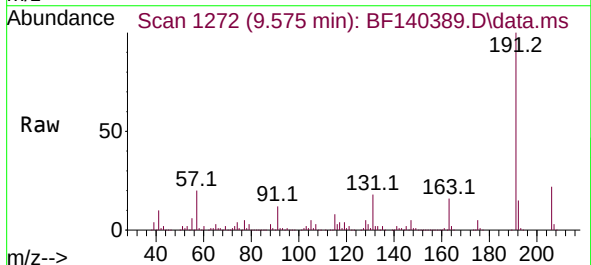
Tgt Ion:163 Resp: 41533

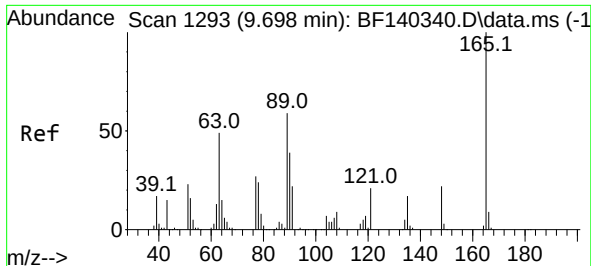
Ion Ratio Lower Upper

163 100

194 0.6 3.0 4.6#

164 12.5 8.2 12.4#

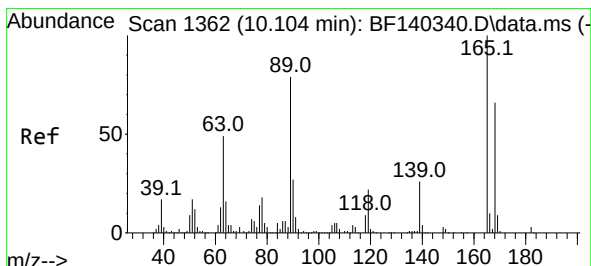
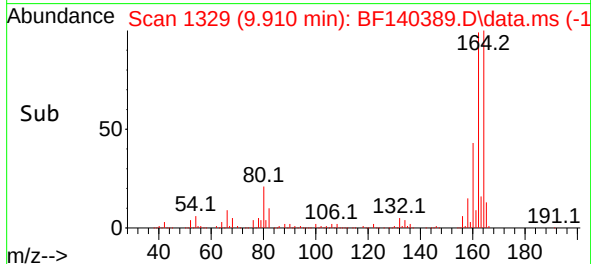
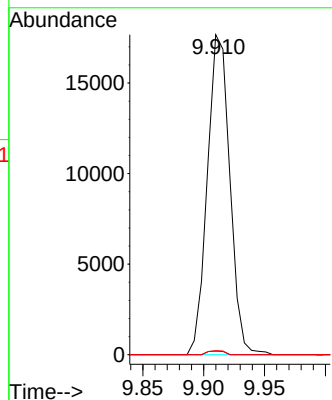
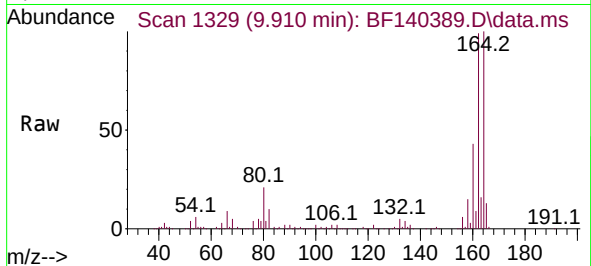




#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

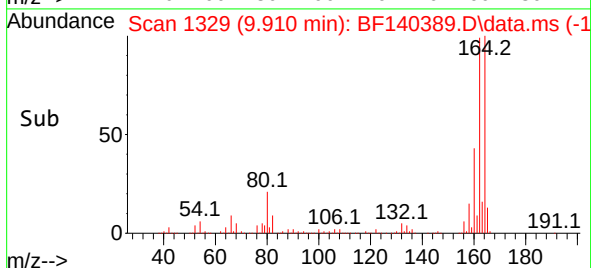
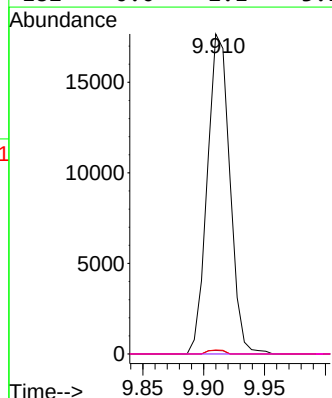
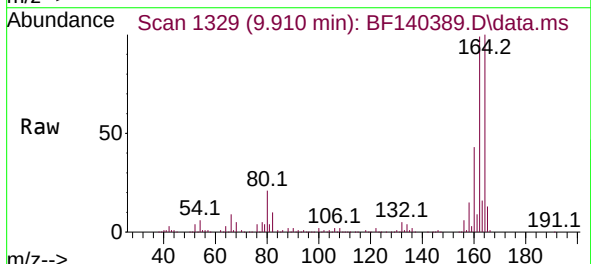
Instrument :
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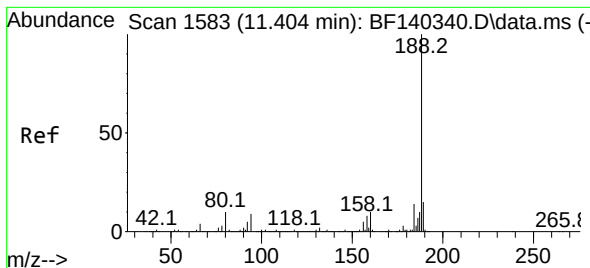
Tgt Ion:165 Resp: 22744
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion:165 Resp: 22744
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

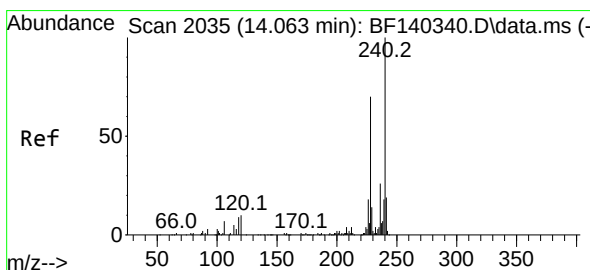
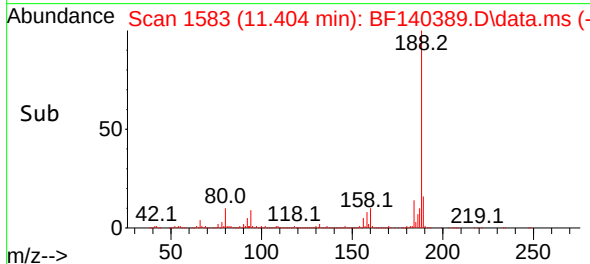
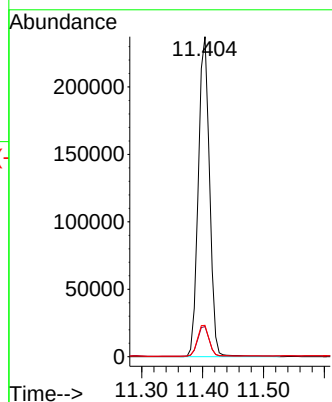
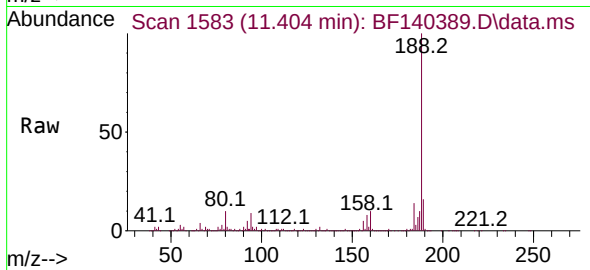




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

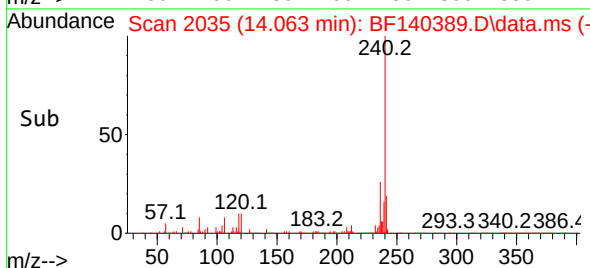
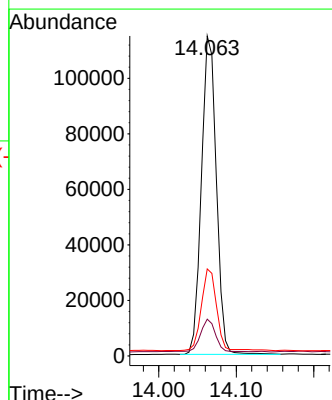
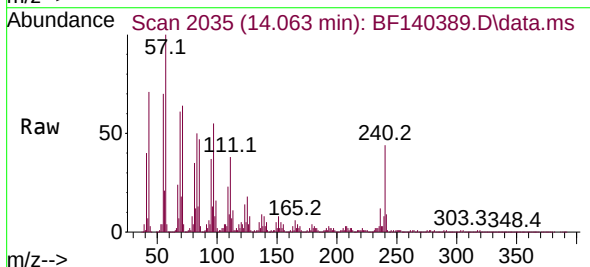
Instrument :
BNA_F
ClientSampleId :
M00-24-00345

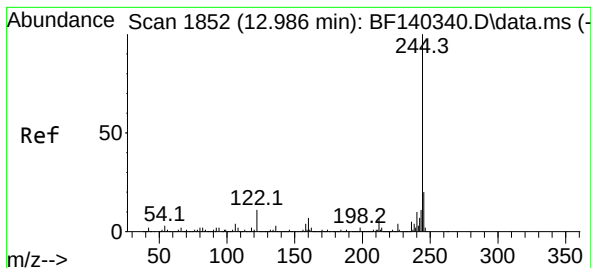
Tgt Ion:188 Resp: 303753
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion:240 Resp: 153023
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 27.2 20.9 31.3





#79

Terphenyl-d14

Concen: 1.126 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Instrument :

BNA_F

ClientSampleId :

M00-24-00345

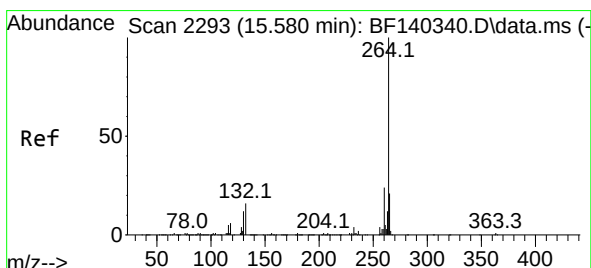
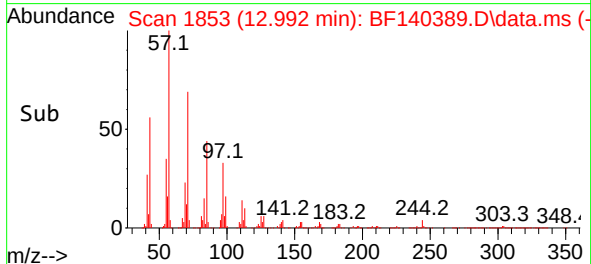
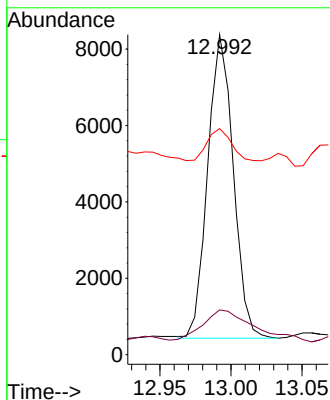
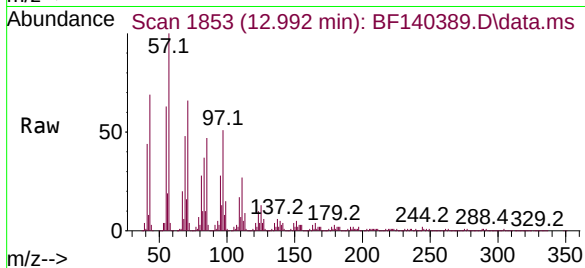
Tgt Ion:244 Resp: 9924

Ion Ratio Lower Upper

244 100

212 14.0 5.8 8.8#

122 70.7 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.018 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Tgt Ion:264 Resp: 139199

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 17.1 25.7

