

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140700.D
 Acq On : 02 Dec 2024 20:16
 Operator : RC/JU
 Sample : P5046-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-11272024

Quant Time: Dec 03 00:06:18 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)

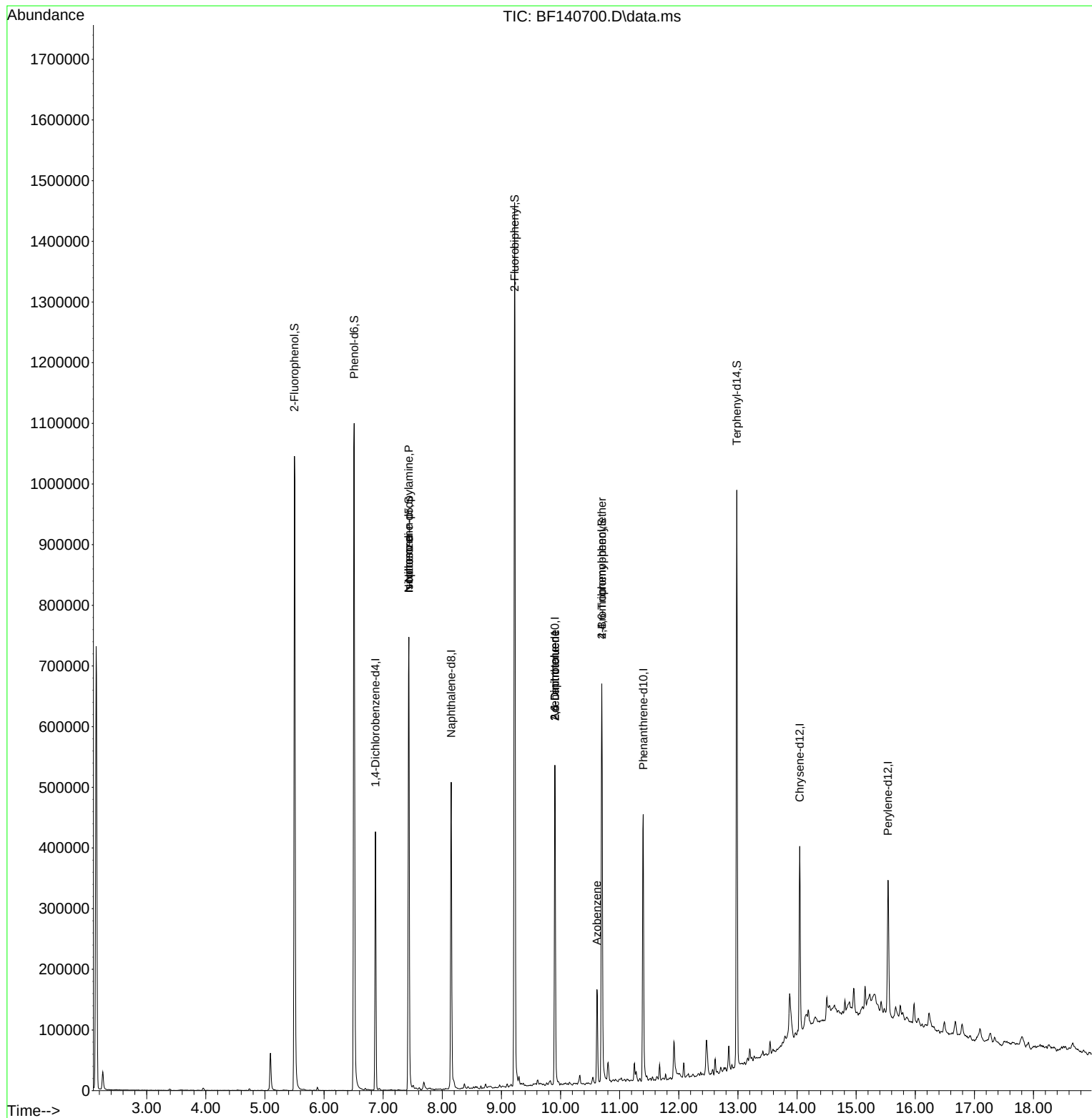
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90524	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	334601	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161933	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	249678	20.000	ng	0.00
76) Chrysene-d12	14.045	240	153987	20.000	ng	0.00
86) Perylene-d12	15.539	264	120536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	426986	80.479	ng	0.00
7) Phenol-d6	6.510	99	552532	78.775	ng	0.00
23) Nitrobenzene-d5	7.434	82	355798	54.391	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	119305	68.887	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	663353	61.035	ng	-0.01
79) Terphenyl-d14	12.980	244	458454	46.359	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	46207	11.147	ng	# 76
25) Isophorone	7.434	82	350503	32.125	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21532	8.902	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21589	6.716	ng	# 18
63) Azobenzene	10.616	77	42865	4.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7814	3.039	ng	# 1

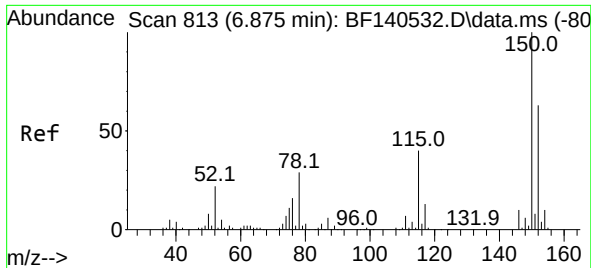
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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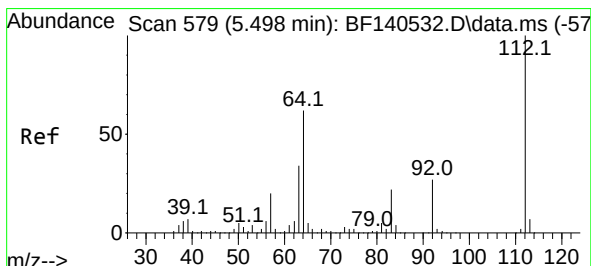
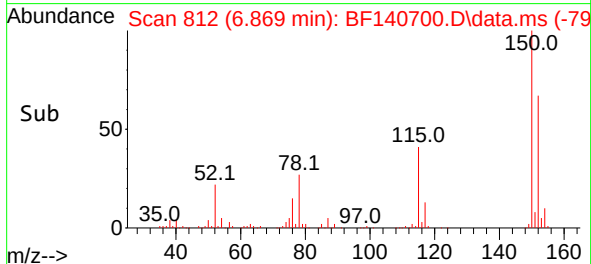
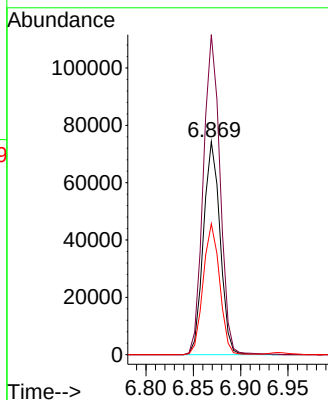
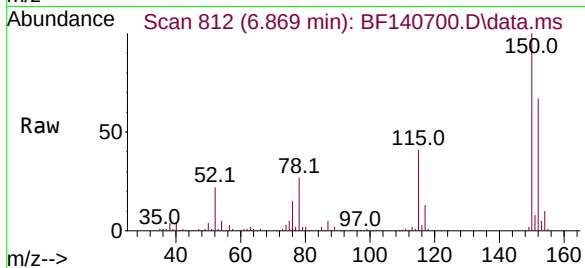




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

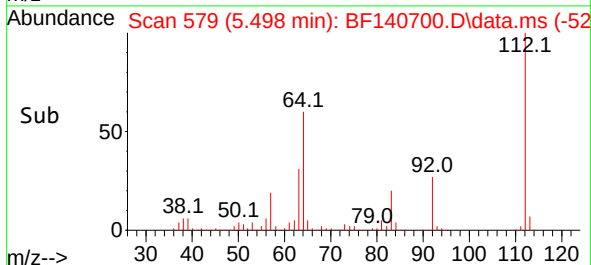
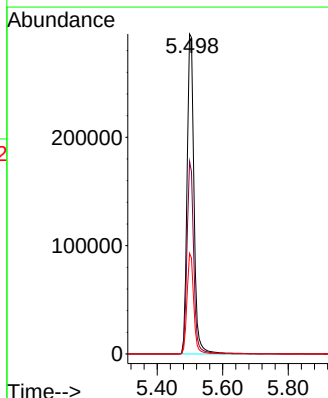
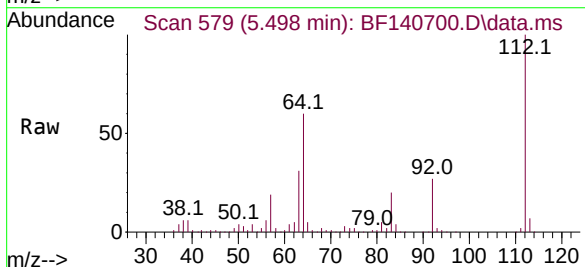
Instrument :
BNA_F
ClientSampleId :
HD-01-11272024

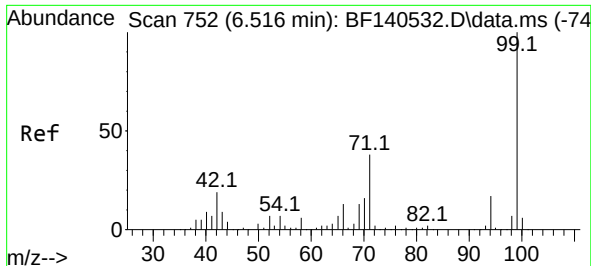
Tgt Ion:152 Resp: 90524
Ion Ratio Lower Upper
152 100
150 150.3 128.5 192.7
115 61.5 50.2 75.4



#5
2-Fluorophenol
Concen: 80.479 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion:112 Resp: 426986
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 31.5 27.0 40.4





#7

Phenol-d6

Concen: 78.775 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140700.D

Acq: 02 Dec 2024 20:16

Instrument :

BNA_F

ClientSampleId :

HD-01-11272024

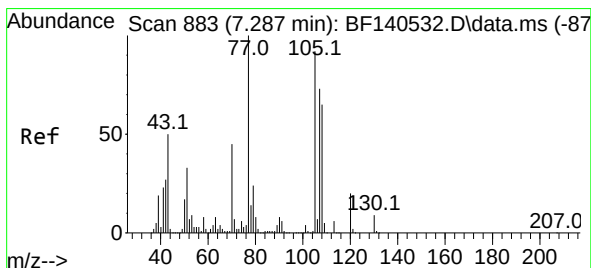
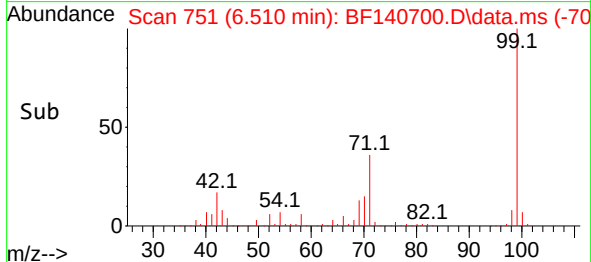
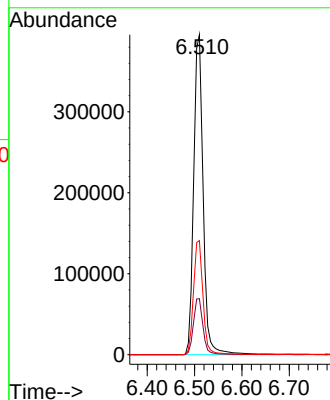
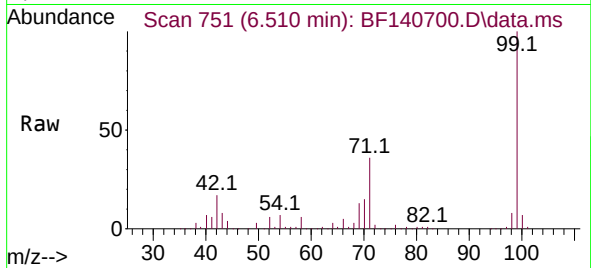
Tgt Ion: 99 Resp: 552532

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

71 35.7 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.147 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140700.D

Acq: 02 Dec 2024 20:16

Tgt Ion: 70 Resp: 46207

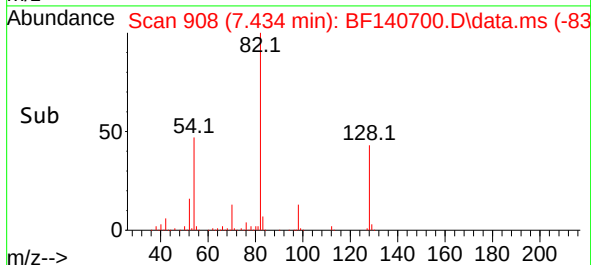
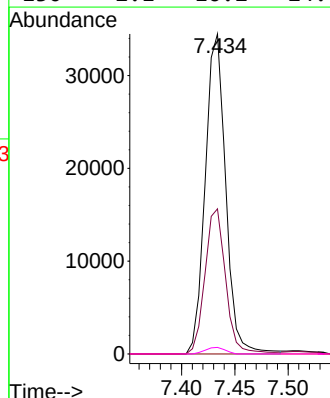
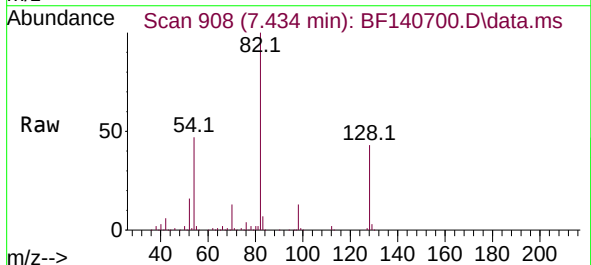
Ion Ratio Lower Upper

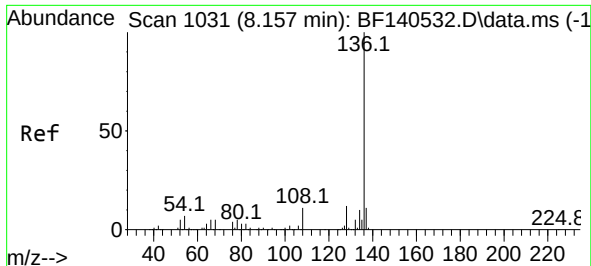
70 100

42 45.3 47.6 71.4#

101 0.0 7.6 11.4#

130 2.1 16.2 24.4#



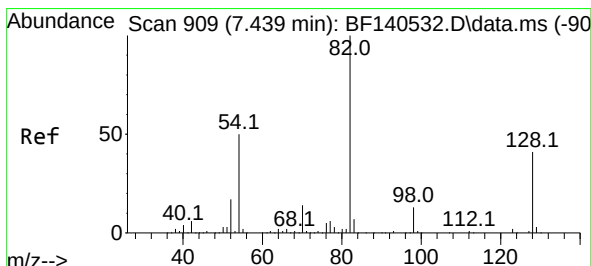
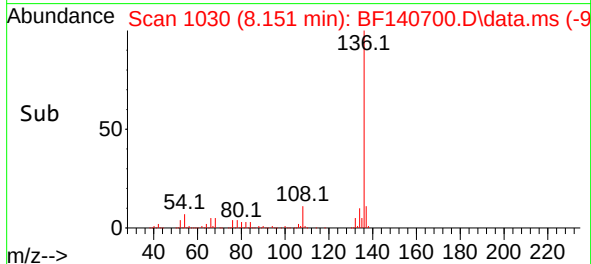
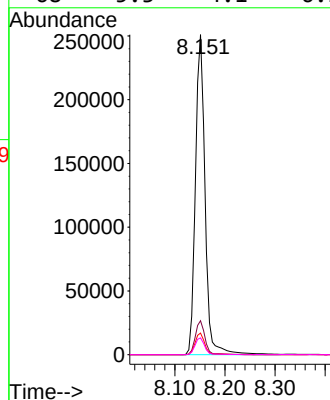
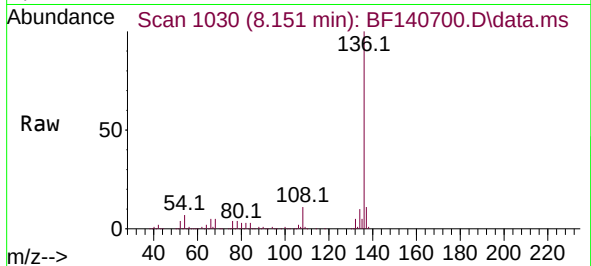


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Instrument :
BNA_F
ClientSampleId :
HD-01-11272024

Tgt Ion:136 Resp: 334601

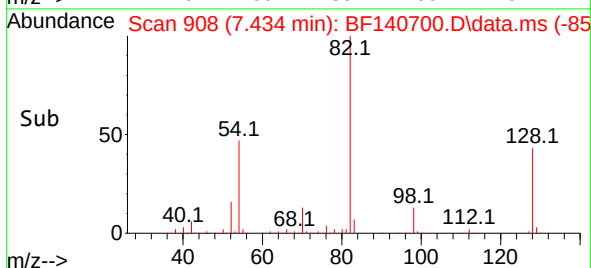
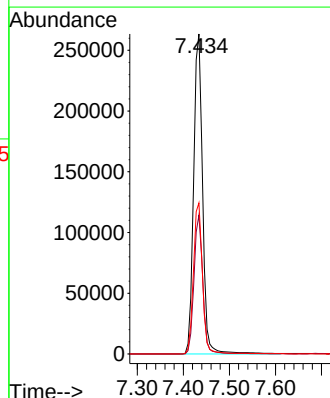
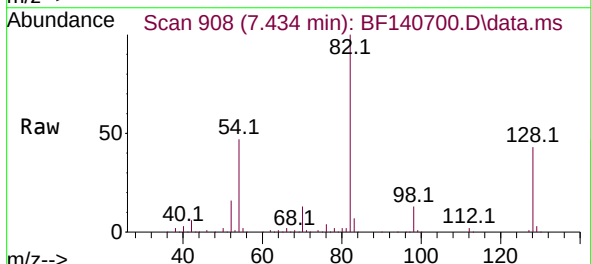
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.7	5.8	8.8
68	5.3	4.1	6.1

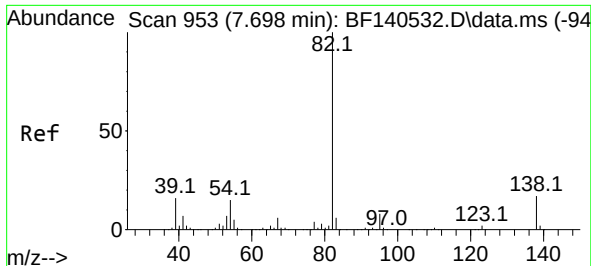


#23
Nitrobenzene-d5
Concen: 54.391 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion: 82 Resp: 355798

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.0	49.4
54	47.2	39.5	59.3

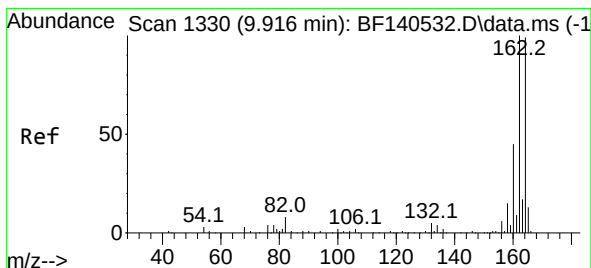
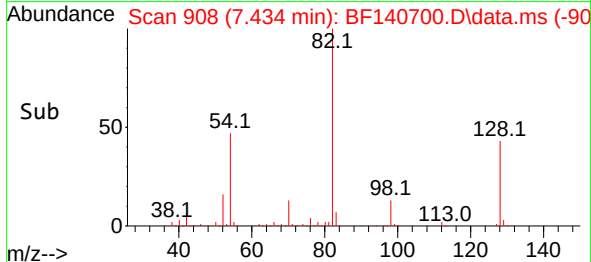
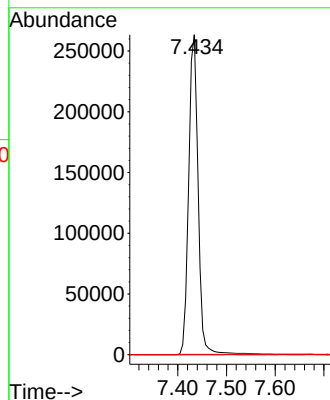
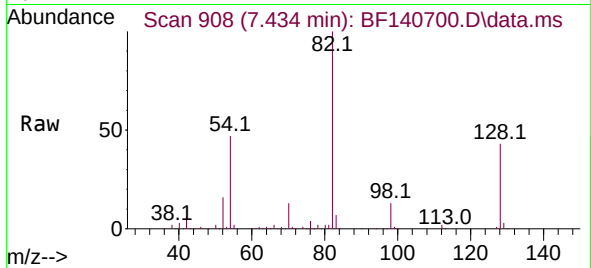




#25
Isophorone
Concen: 32.125 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

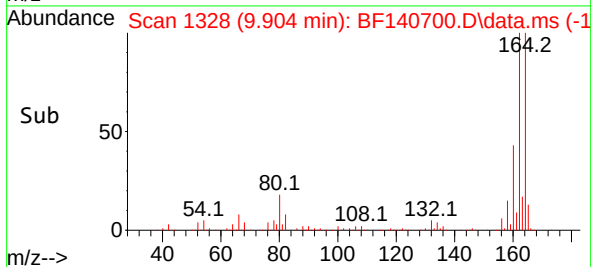
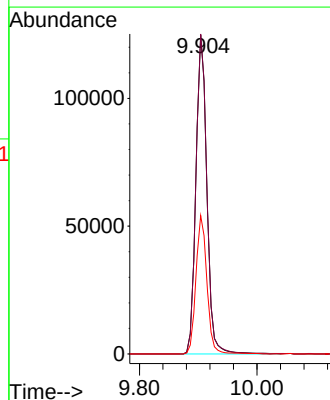
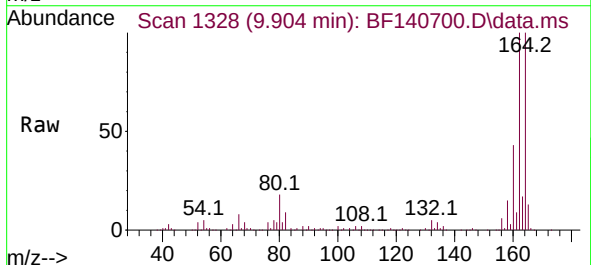
Instrument :
BNA_F
ClientSampleId :
HD-01-11272024

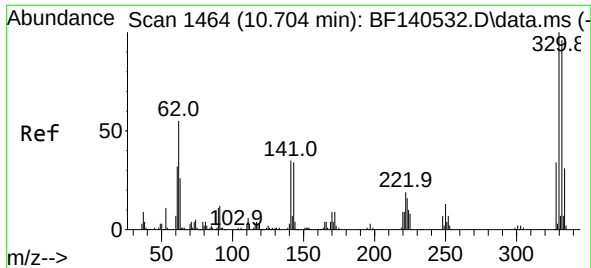
Tgt Ion: 82 Resp: 350503
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion: 164 Resp: 161933
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 43.4 36.2 54.4

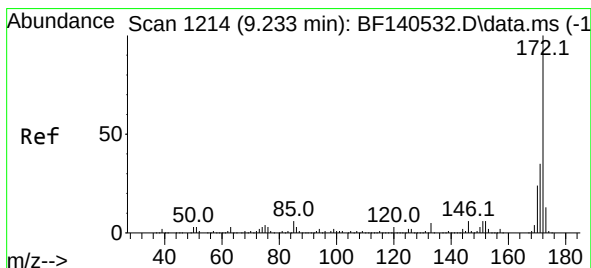
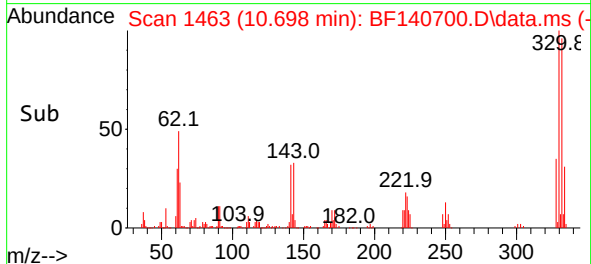
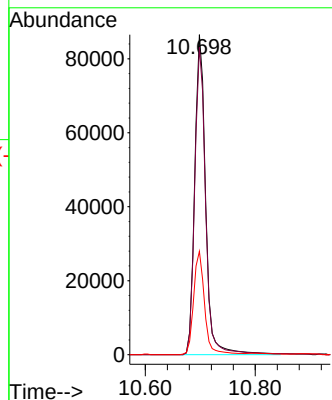
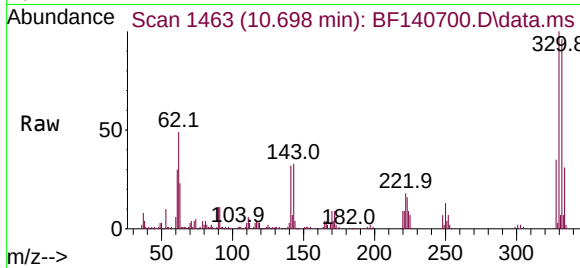




#42
2,4,6-Tribromophenol
Concen: 68.887 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

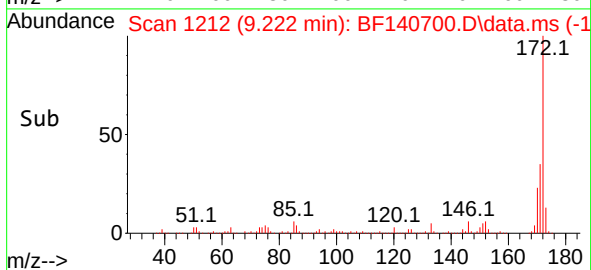
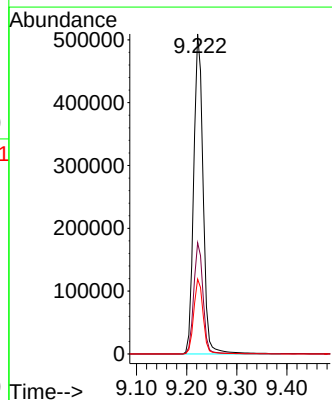
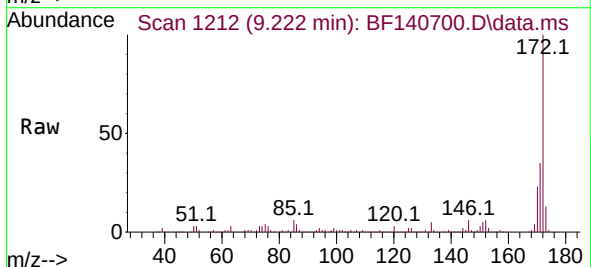
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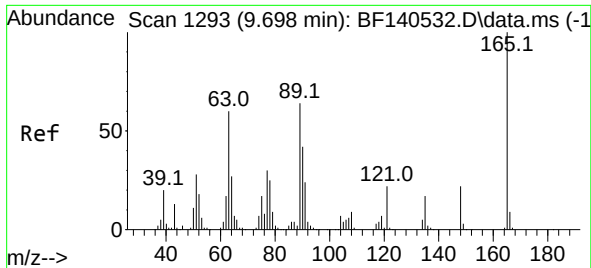
Tgt Ion:330 Resp: 119305
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 32.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 61.035 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion:172 Resp: 663353
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.4 19.0 28.6

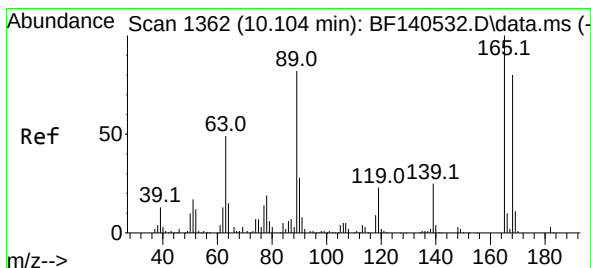
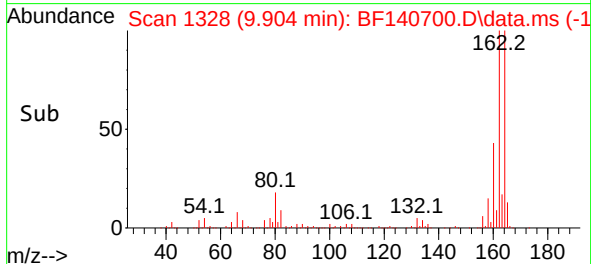
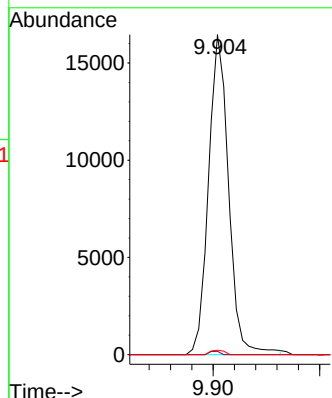
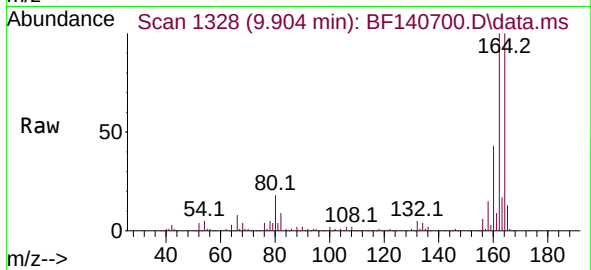




#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

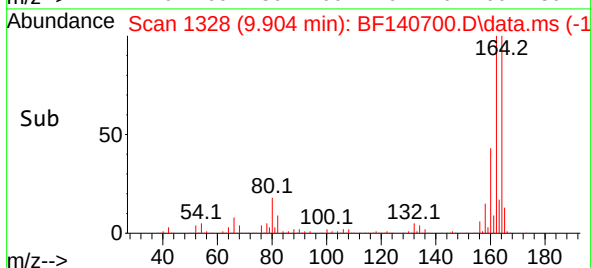
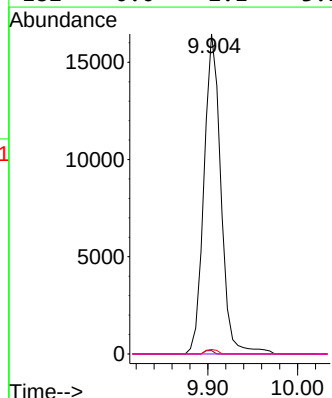
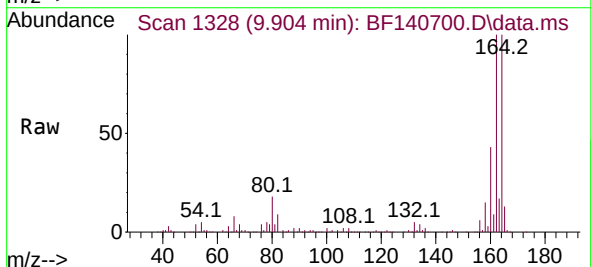
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ClientSampleId :
HD-01-11272024

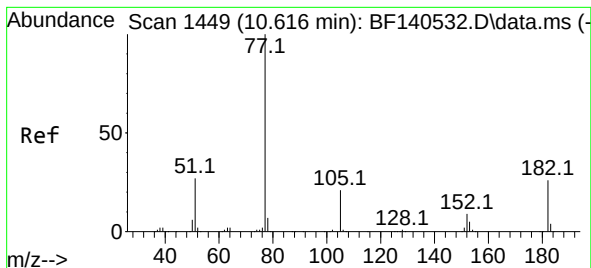
Tgt Ion:165 Resp: 21532
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion:165 Resp: 21589
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 4.177 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140700.D

Acq: 02 Dec 2024 20:16

Instrument :

BNA_F

ClientSampleId :

HD-01-11272024

Tgt Ion: 77 Resp: 42865

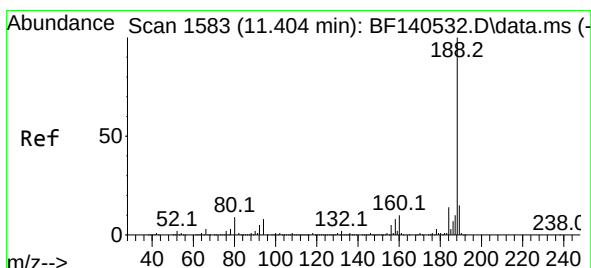
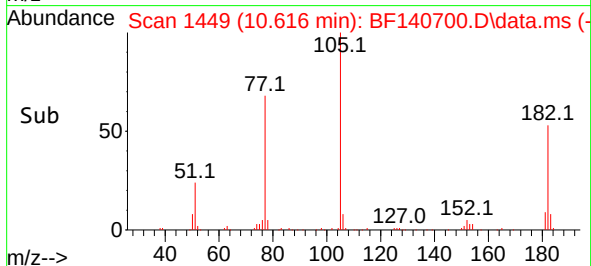
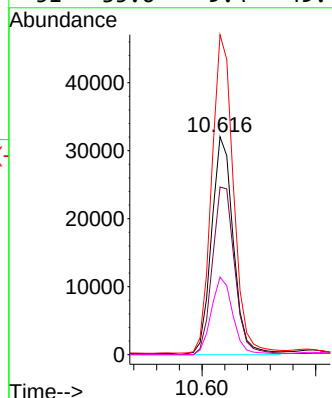
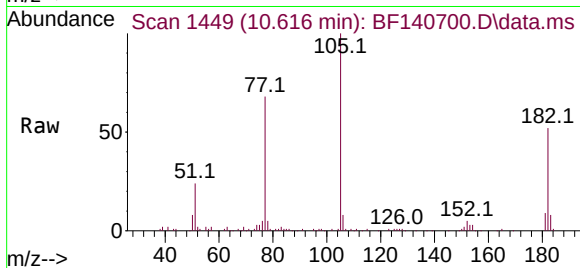
Ion Ratio Lower Upper

77 100

182 76.9 5.3 45.3#

105 146.8 0.3 40.3#

51 35.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140700.D

Acq: 02 Dec 2024 20:16

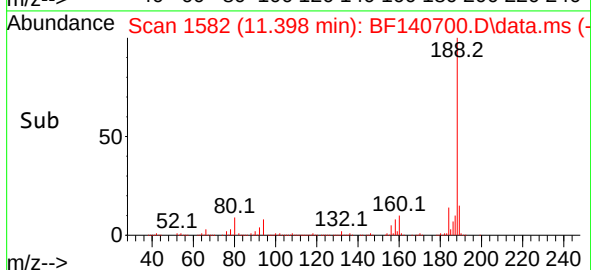
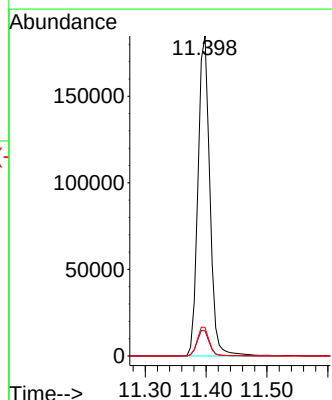
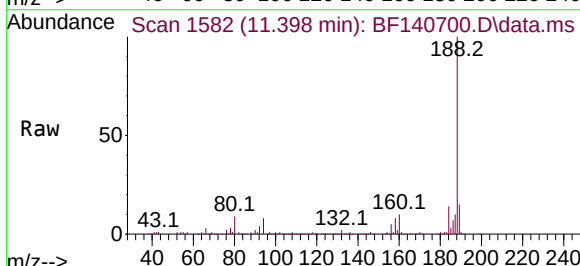
Tgt Ion: 188 Resp: 249678

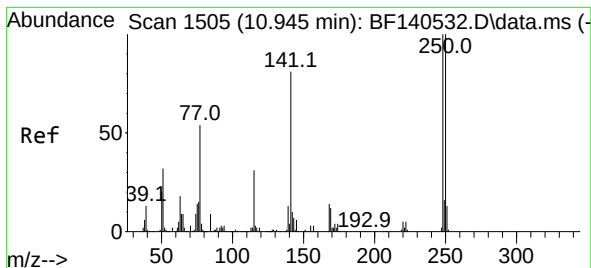
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 9.0 6.9 10.3

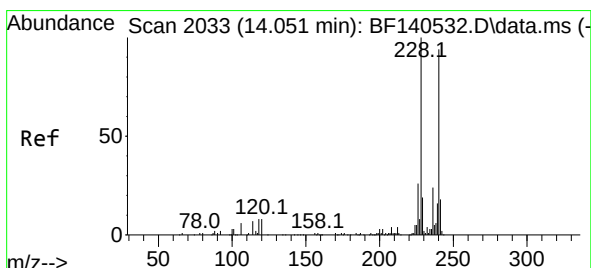
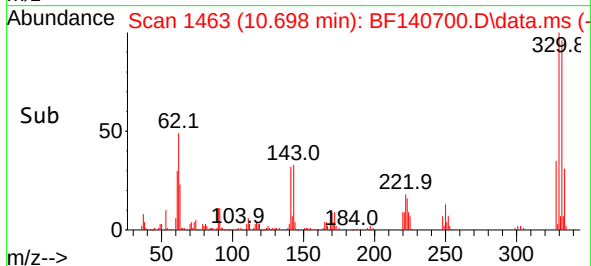
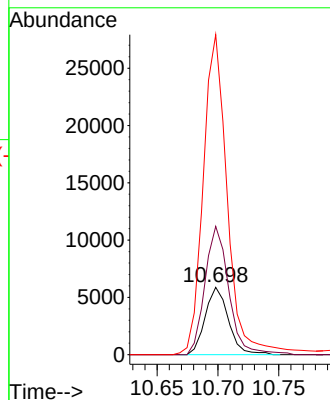
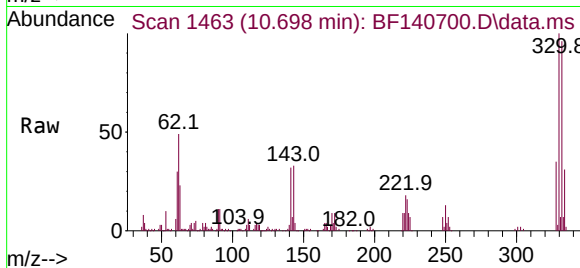




#67
4-Bromophenyl-phenylether
Concen: 3.039 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

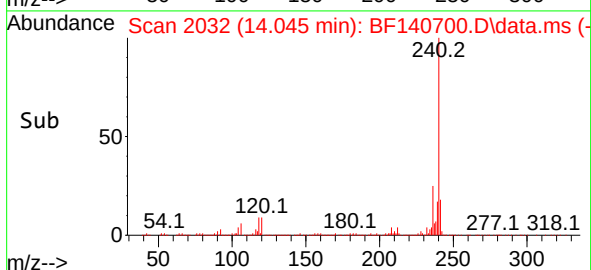
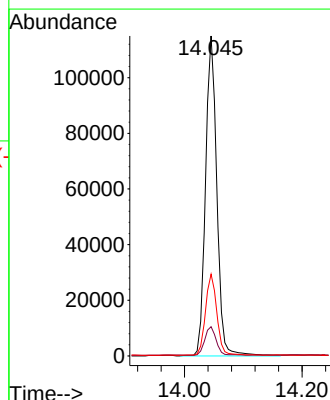
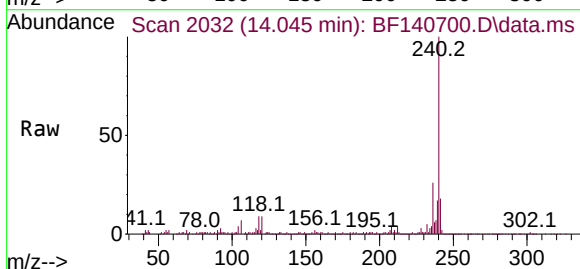
Instrument :
BNA_F
ClientSampleId :
HD-01-11272024

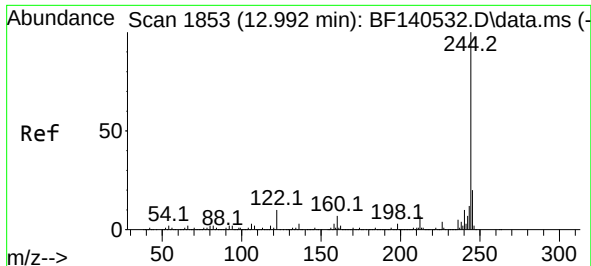
Tgt Ion:248 Resp: 7814
Ion Ratio Lower Upper
248 100
250 190.4 79.8 119.8#
141 474.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140700.D
Acq: 02 Dec 2024 20:16

Tgt Ion:240 Resp: 153987
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.6 20.6 31.0

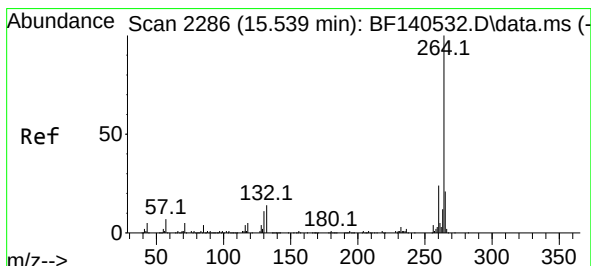
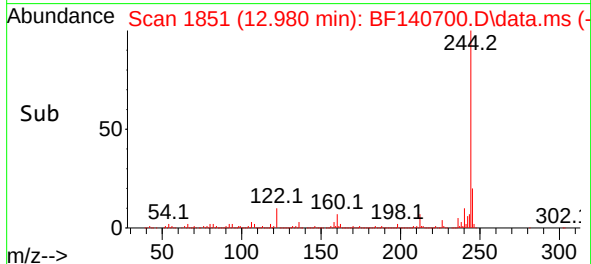
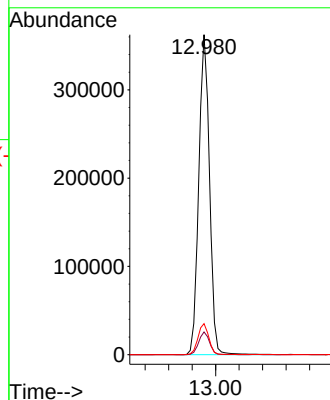
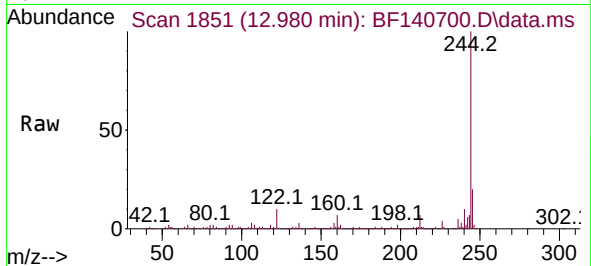




#79
 Terphenyl-d14
 Concen: 46.359 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140700.D
 Acq: 02 Dec 2024 20:16

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-11272024

Tgt Ion:244 Resp: 458454
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140700.D
 Acq: 02 Dec 2024 20:16

Tgt Ion:264 Resp: 120536
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.6 16.6 25.0

