

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137017.D
 Acq On : 10 Jan 2024 13:36
 Operator : CG\JU
 Sample : SP6394
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6394

Quant Time: Jan 10 14:01:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

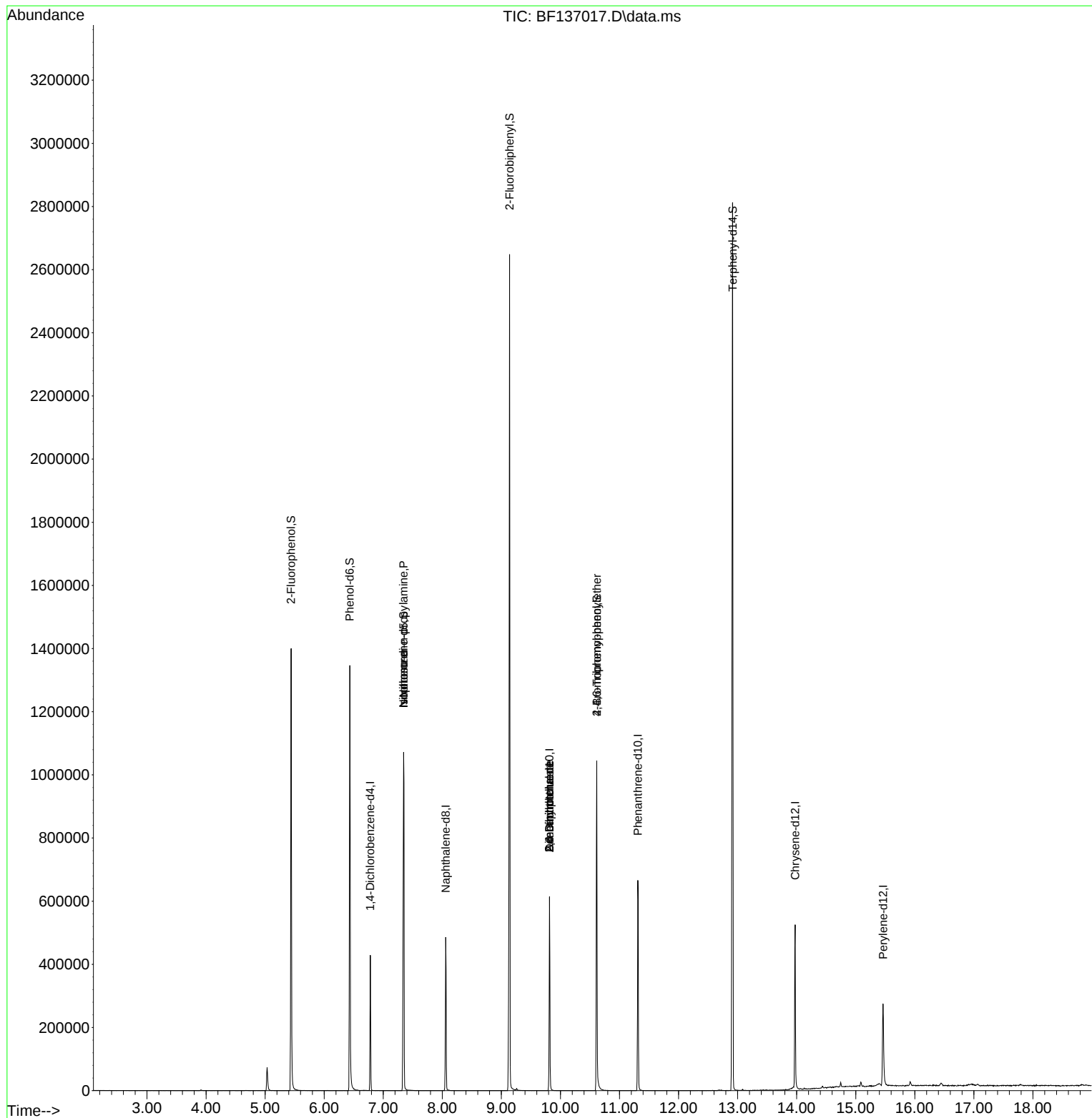
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59163	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	229360	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123861	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	264706	20.000	ng	0.00
76) Chrysene-d12	13.974	240	181230	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	139303	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	373273	98.442	ng	0.01
7) Phenol-d6	6.434	99	465796	94.804	ng	0.00
23) Nitrobenzene-d5	7.345	82	415255	92.645	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	139535	95.655	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	860599	93.451	ng	-0.01
79) Terphenyl-d14	12.916	244	1076930	83.042	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	54204	18.199	ng	# 74
25) Isophorone	7.345	82	415249	50.914	ng	# 65
50) Dimethylphthalate	9.816	163	22230	2.457	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15979	7.782	ng	# 31
57) 2,4-Dinitrotoluene	9.816	165	15979	5.995	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	8589	2.922	ng	# 1

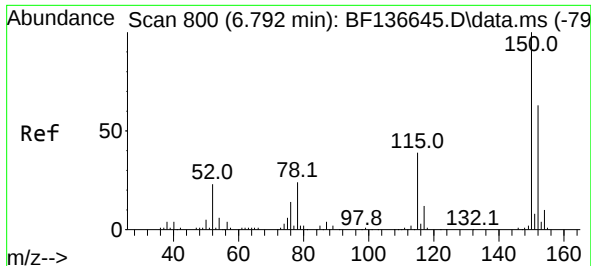
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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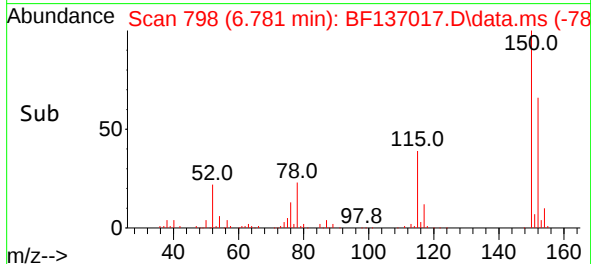
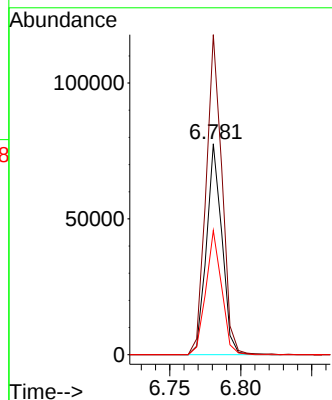
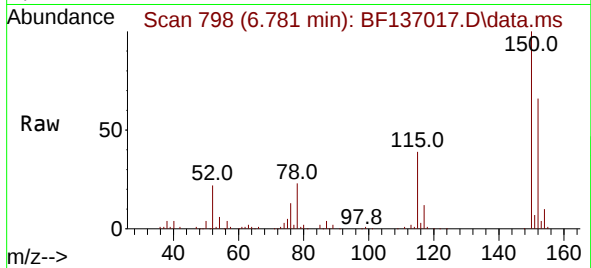




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

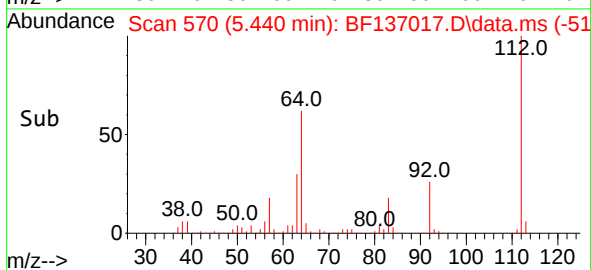
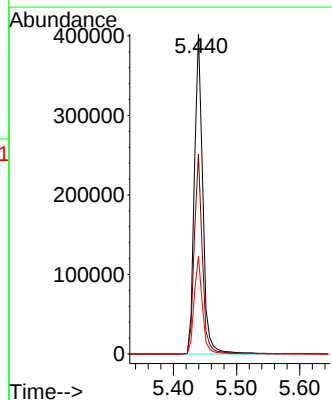
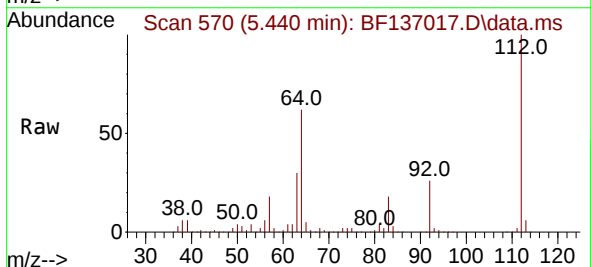
Instrument :
BNA_F
ClientSampleId :
SP6394

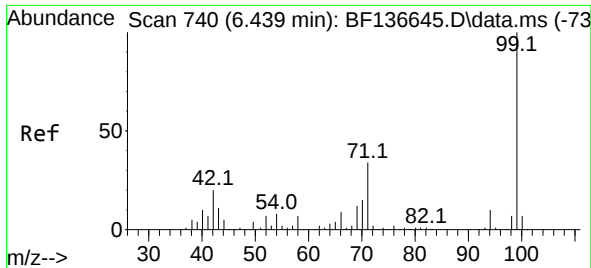
Tgt Ion:152 Resp: 59163
Ion Ratio Lower Upper
152 100
150 151.8 127.0 190.6
115 58.9 49.0 73.4



#5
2-Fluorophenol
Concen: 98.442 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion:112 Resp: 373273
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 30.4 26.1 39.1

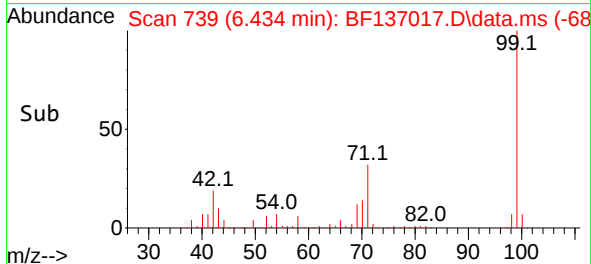
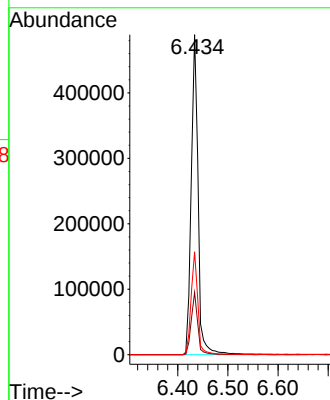
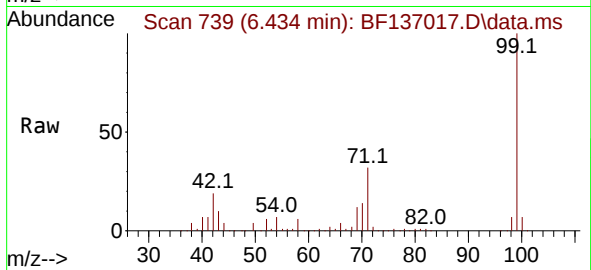




#7
Phenol-d6
Concen: 94.804 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

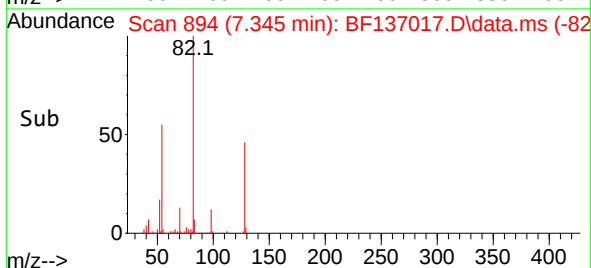
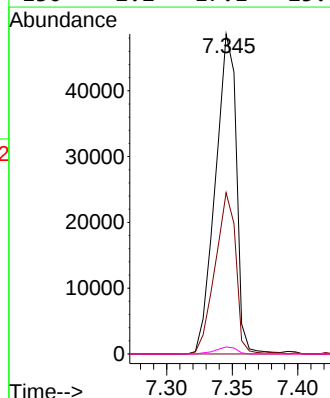
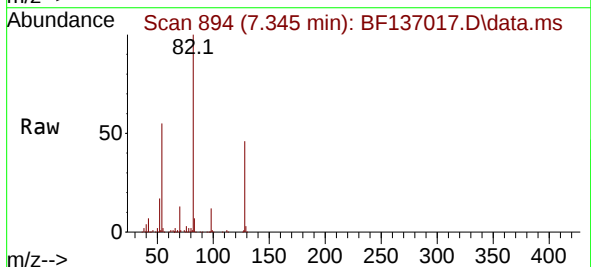
Instrument :
BNA_F
ClientSampleId :
SP6394

Tgt Ion: 99 Resp: 465796
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 32.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.199 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion: 70 Resp: 54204
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137017.D

Acq: 10 Jan 2024 13:36

Instrument :

BNA_F

ClientSampleId :

SP6394

Tgt Ion:136 Resp: 229360

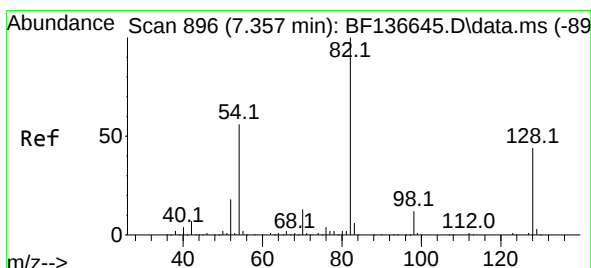
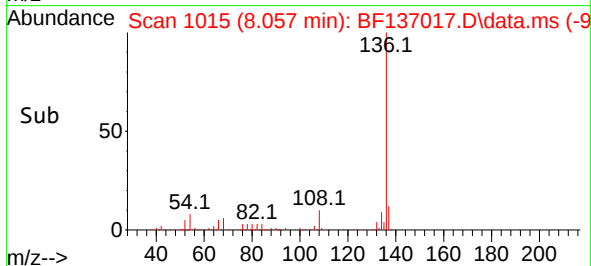
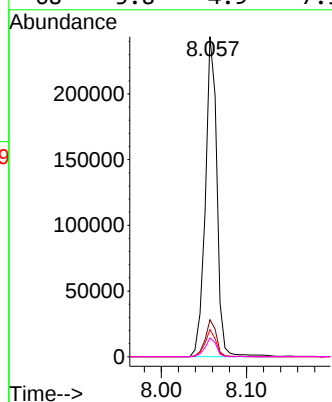
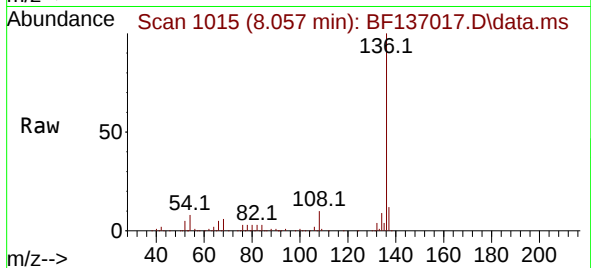
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 8.4 7.2 10.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 92.645 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137017.D

Acq: 10 Jan 2024 13:36

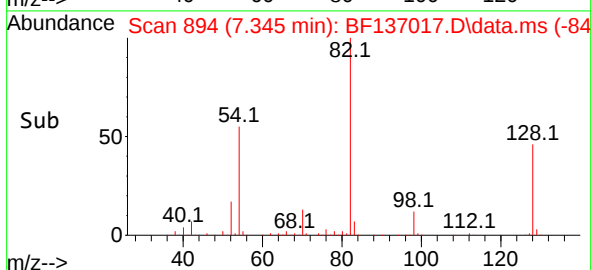
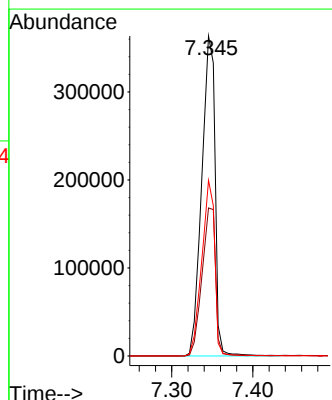
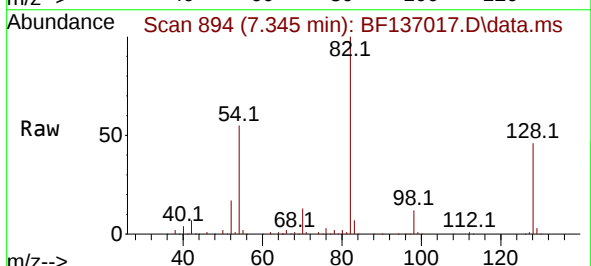
Tgt Ion: 82 Resp: 415255

Ion Ratio Lower Upper

82 100

128 46.3 35.3 52.9

54 54.9 44.5 66.7

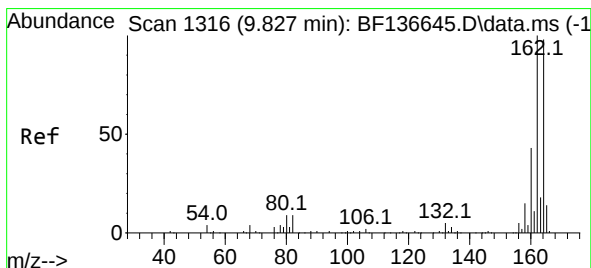
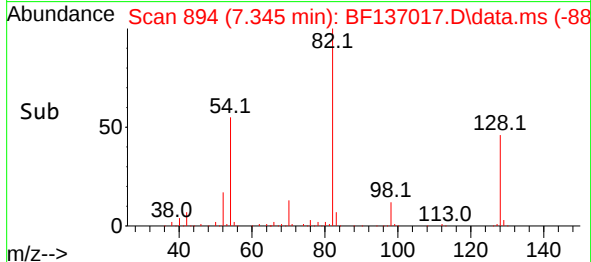
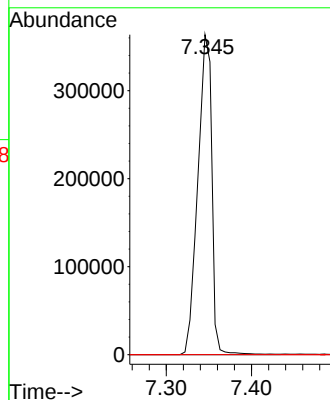
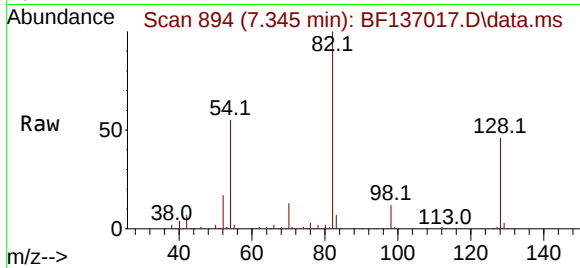




#25
Isophorone
Concen: 50.914 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

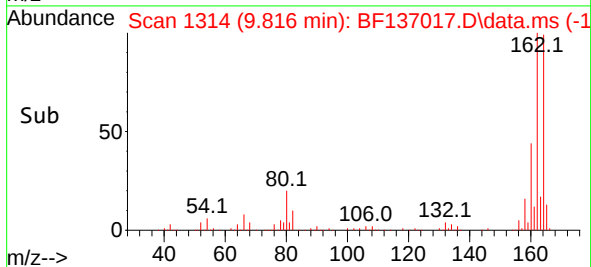
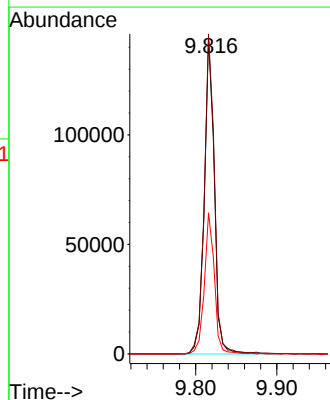
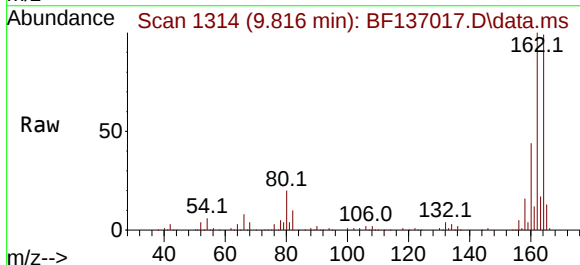
Instrument :
BNA_F
ClientSampleId :
SP6394

Tgt Ion: 82 Resp: 415249
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion:164 Resp: 123861
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 95.655 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137017.D

Acq: 10 Jan 2024 13:36

Instrument :

BNA_F

ClientSampleId :

SP6394

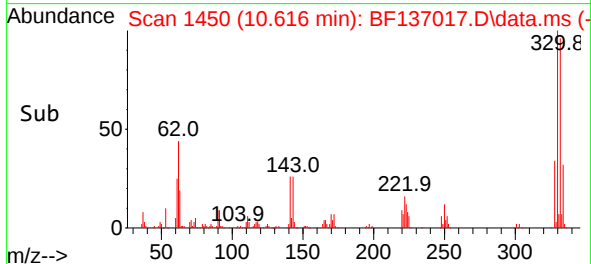
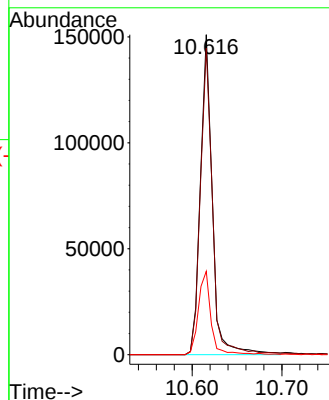
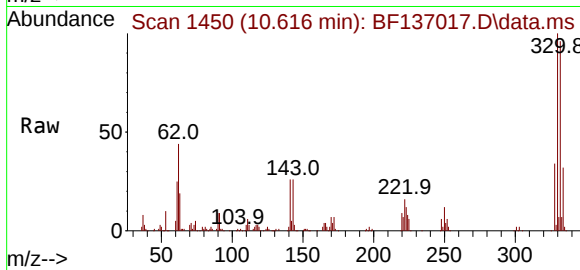
Tgt Ion:330 Resp: 139535

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.451 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137017.D

Acq: 10 Jan 2024 13:36

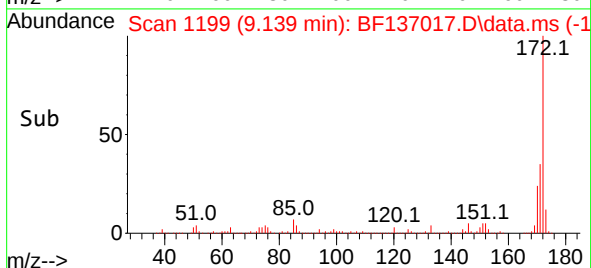
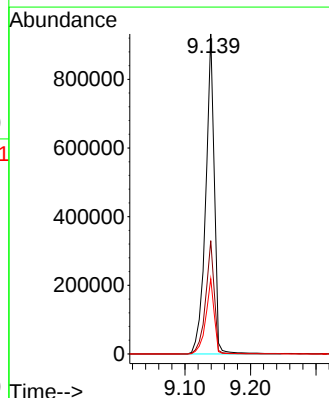
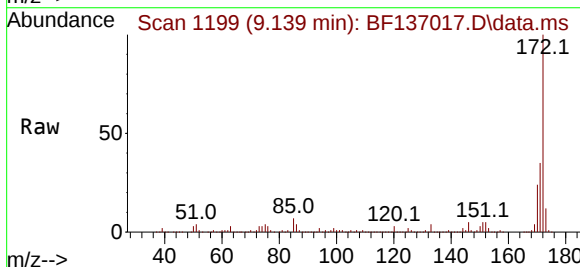
Tgt Ion:172 Resp: 860599

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.5 19.0 28.4

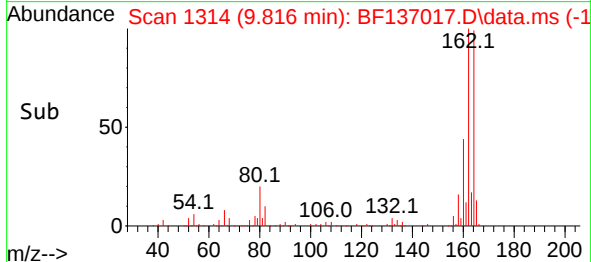
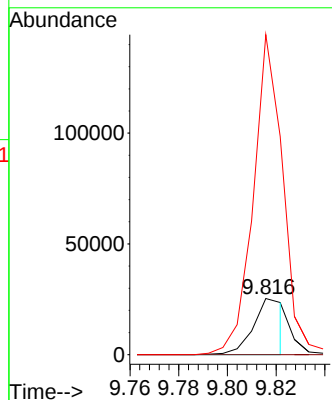
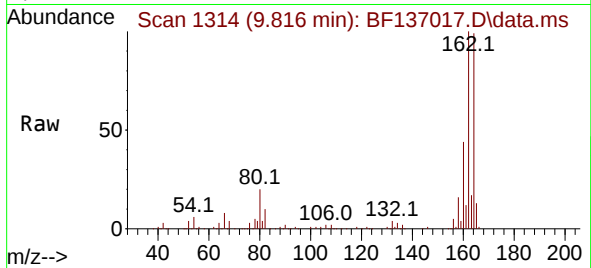




#50
Dimethylphthalate
Concen: 2.457 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

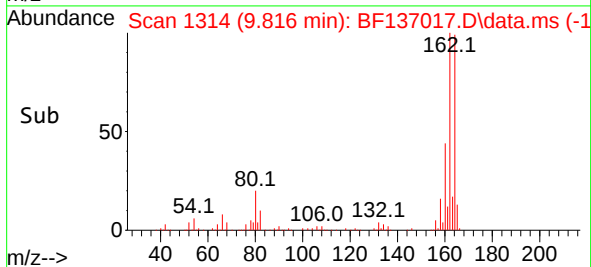
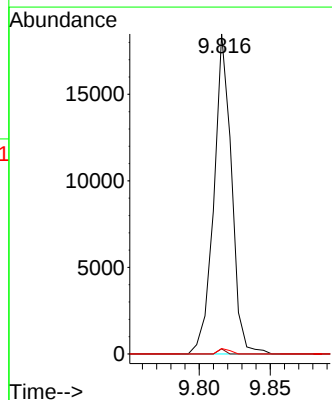
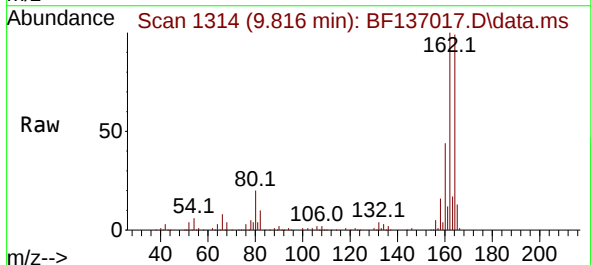
Instrument :
BNA_F
ClientSampleId :
SP6394

Tgt Ion:163 Resp: 22230
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 569.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.782 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion:165 Resp: 15979
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.7 38.8 58.2#

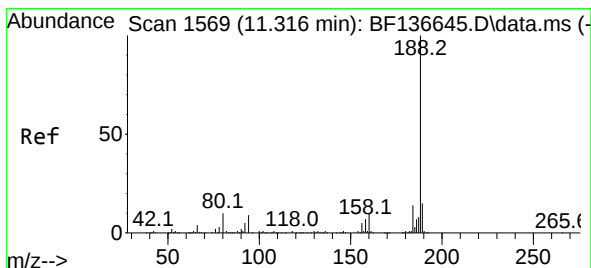
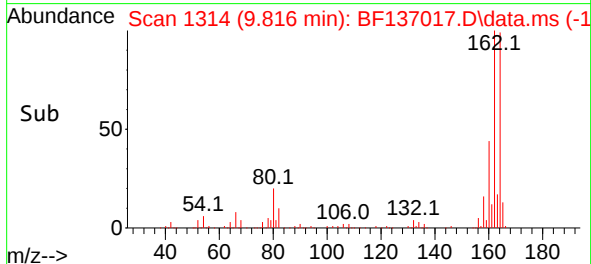
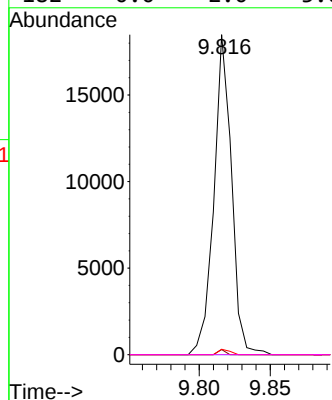
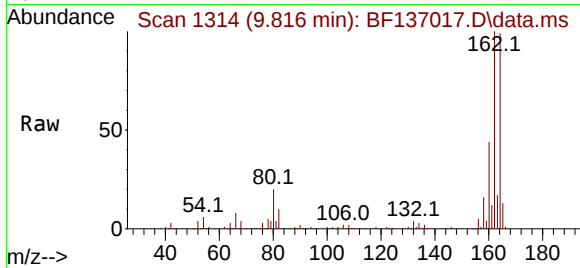




#57
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

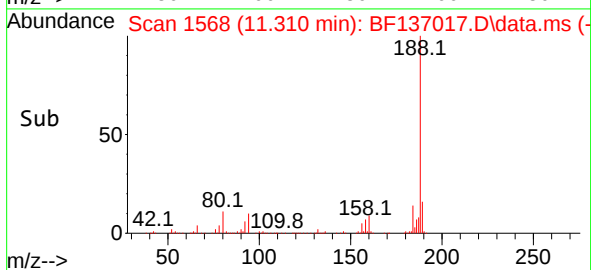
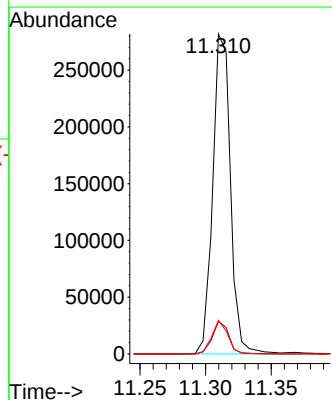
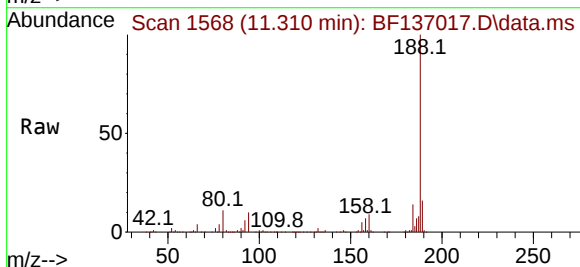
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SP6394

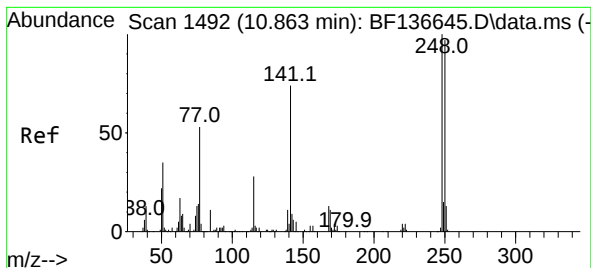
Tgt Ion:165 Resp: 15979
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion:188 Resp: 264706
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.5 8.1 12.1

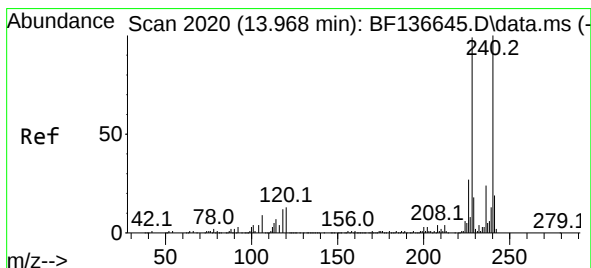
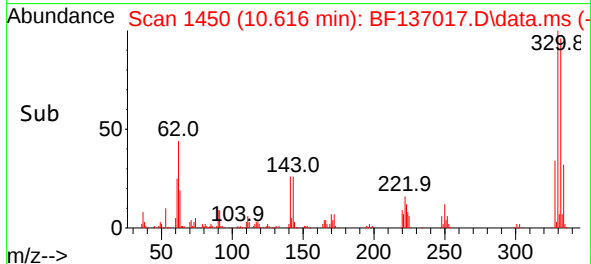
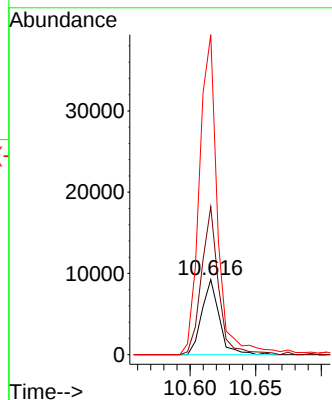
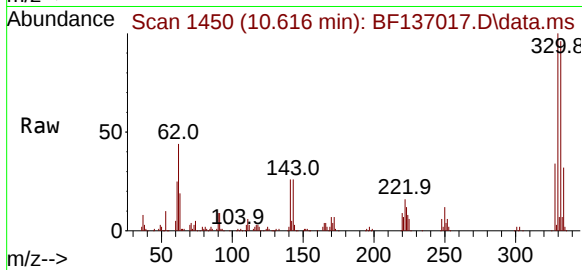




#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

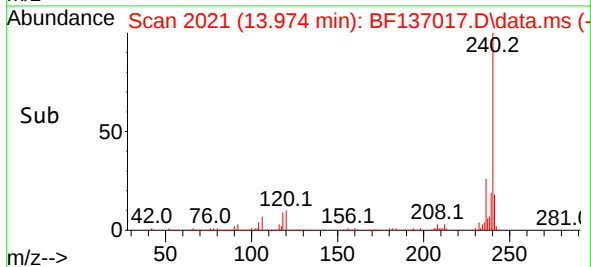
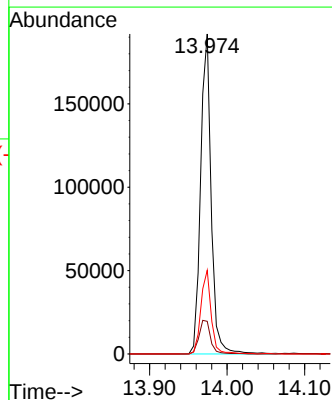
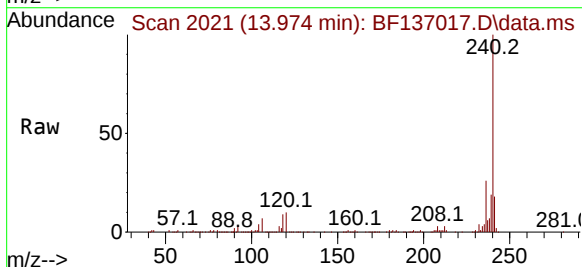
Instrument :
BNA_F
ClientSampleId :
SP6394

Tgt Ion:248 Resp: 8589
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.6#
141 426.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

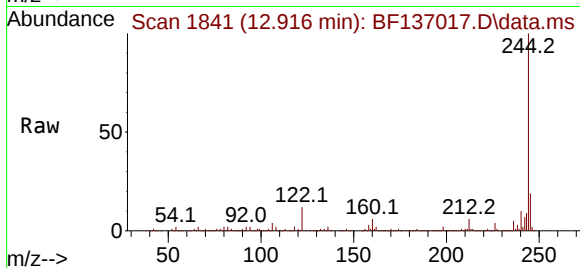
Tgt Ion:240 Resp: 181230
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 26.1 19.4 29.2



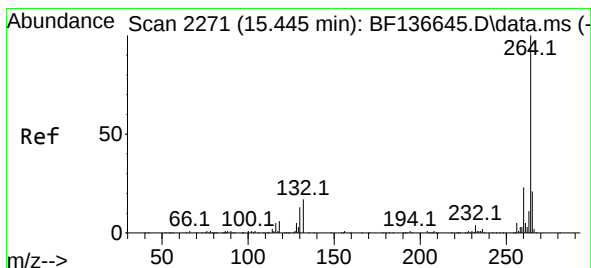
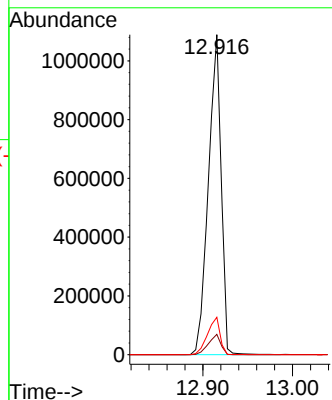
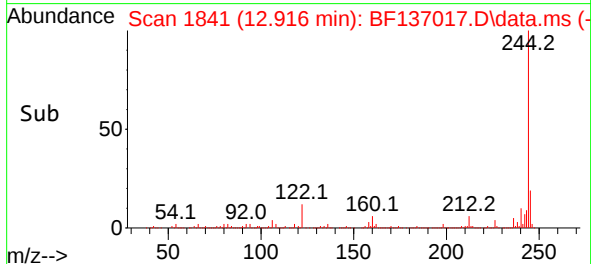


#79
Terphenyl-d14
Concen: 83.042 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Instrument :
BNA_F
ClientSampleId :
SP6394



Tgt Ion:244 Resp: 1076930
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137017.D
Acq: 10 Jan 2024 13:36

Tgt Ion:264 Resp: 139303
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 20.9 17.0 25.6

