

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136742.D
 Acq On : 27 Dec 2023 03:14
 Operator : CG\JU
 Sample : 05538-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-112223

Quant Time: Dec 27 04:03:56 2023
 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)

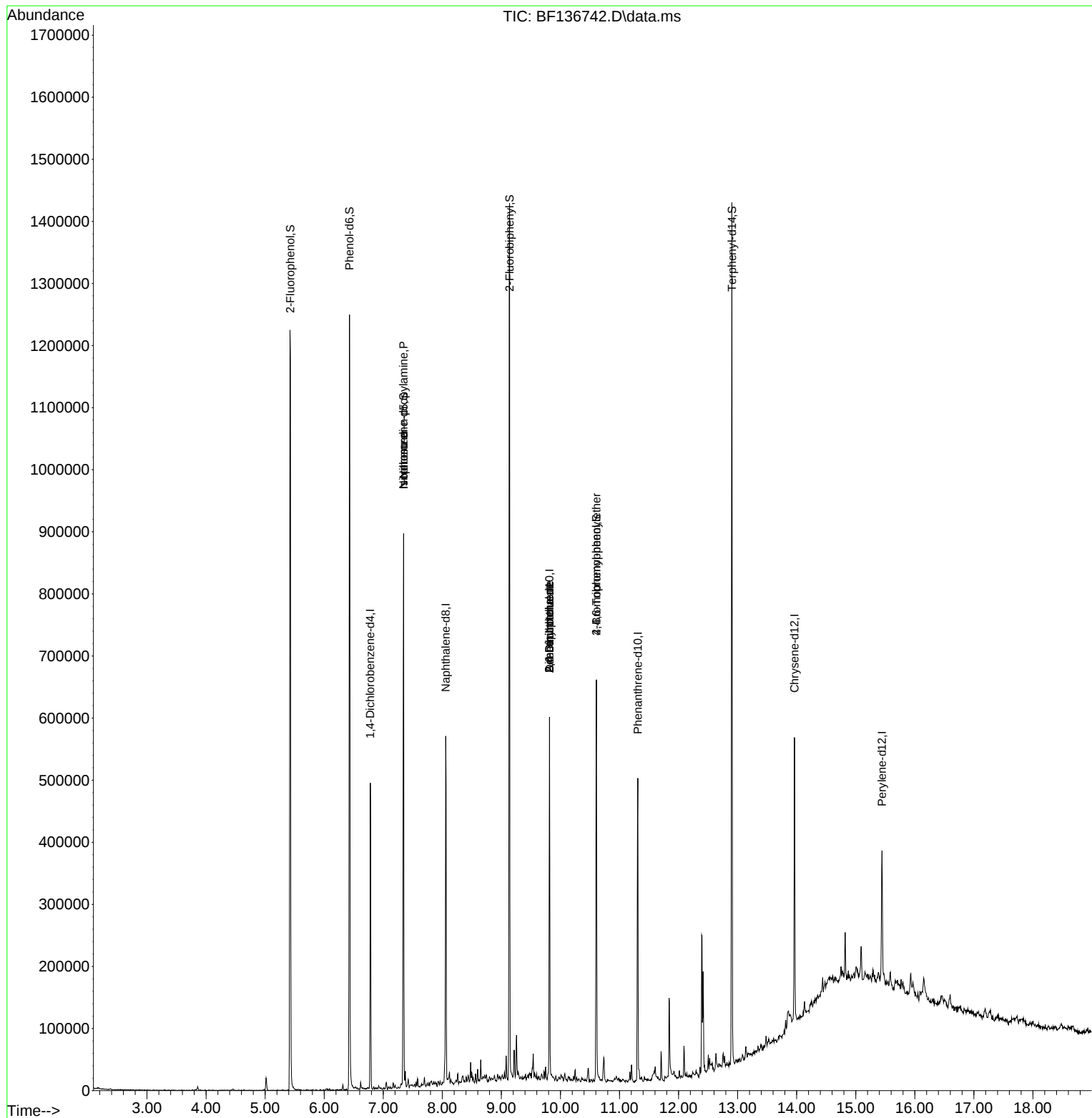
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70912	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	247339	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	103355	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	180778	20.000	ng	0.00
76) Chrysene-d12	13.962	240	147934	20.000	ng	0.00
86) Perylene-d12	15.445	264	98335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	349476	76.896	ng	0.00
7) Phenol-d6	6.428	99	418143	71.004	ng	-0.01
23) Nitrobenzene-d5	7.345	82	253249	52.394	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	82165	67.501	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	461873	60.105	ng	-0.01
79) Terphenyl-d14	12.904	244	456868	43.158	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	32337	9.058	ng	# 72
25) Isophorone	7.345	82	253246	28.794	ng	# 65
50) Dimethylphthalate	9.816	163	20672	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13730	8.014	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	13730	6.173	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	4794	2.388	ng	# 1

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

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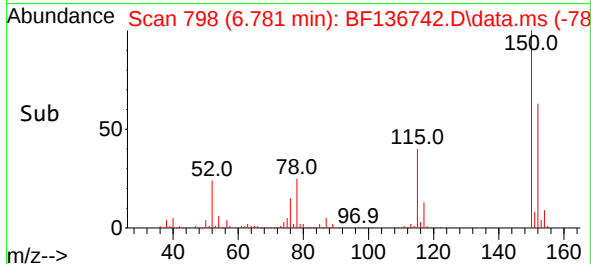
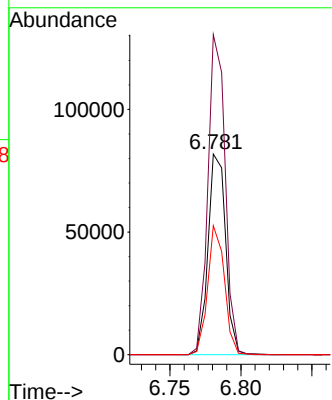
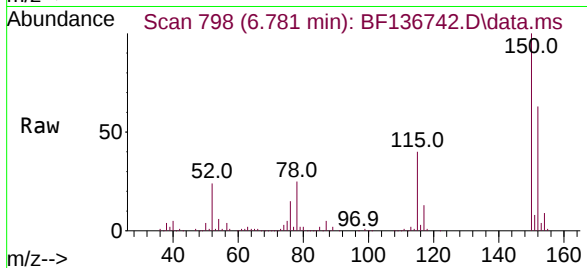




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

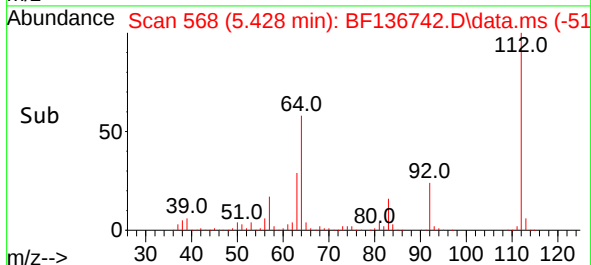
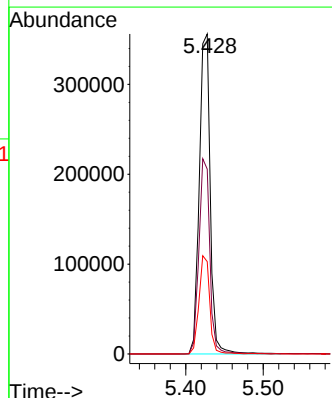
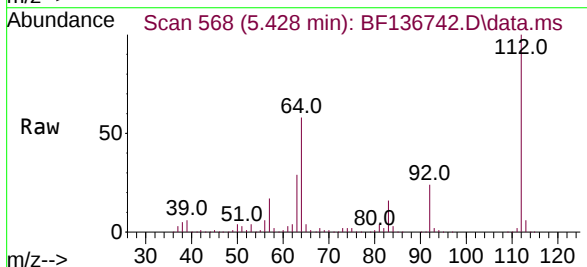
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

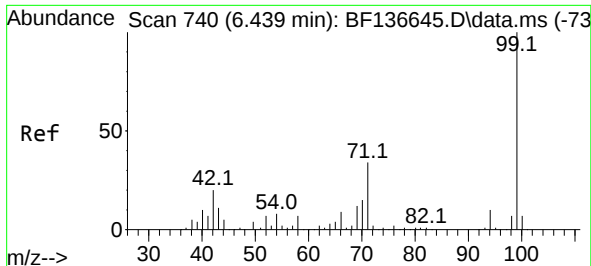
Tgt Ion:152 Resp: 70912
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 64.3 49.0 73.4



#5
2-Fluorophenol
Concen: 76.896 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:112 Resp: 349476
Ion Ratio Lower Upper
112 100
64 57.8 51.1 76.7
63 28.8 26.1 39.1

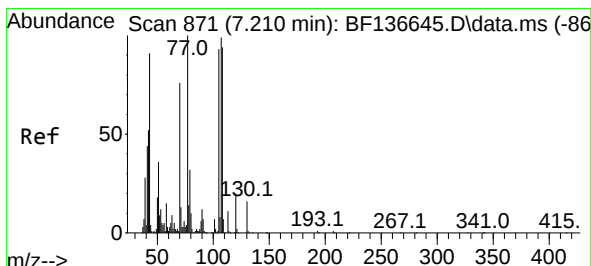
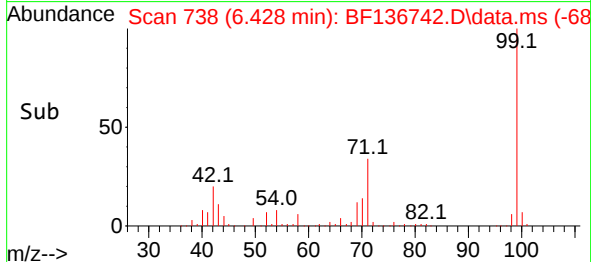
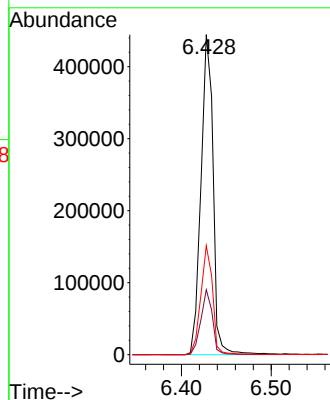
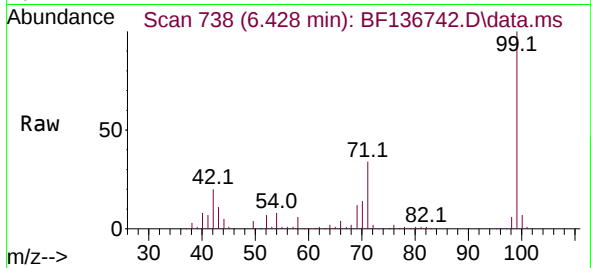




#7
Phenol-d6
Concen: 71.004 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

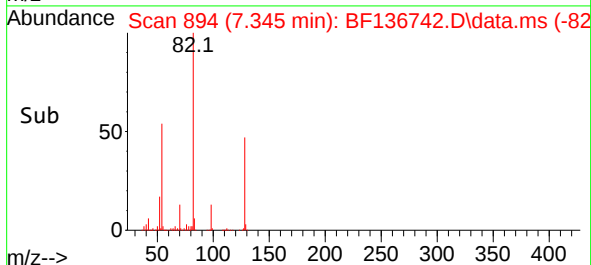
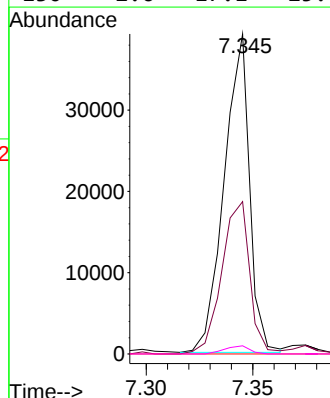
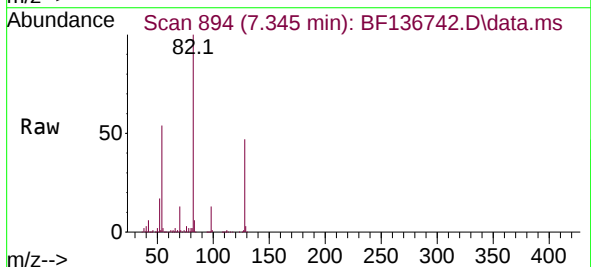
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

Tgt Ion: 99 Resp: 418143
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.058 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion: 70 Resp: 32337
Ion Ratio Lower Upper
70 100
42 47.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#



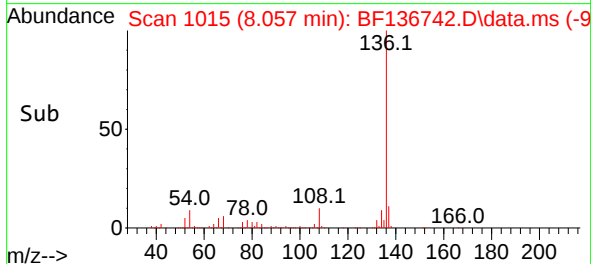
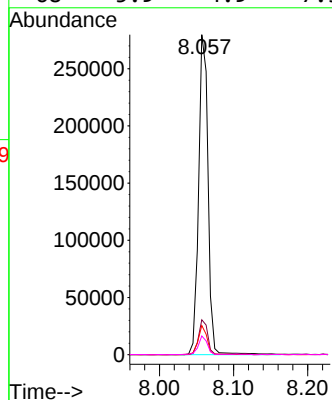
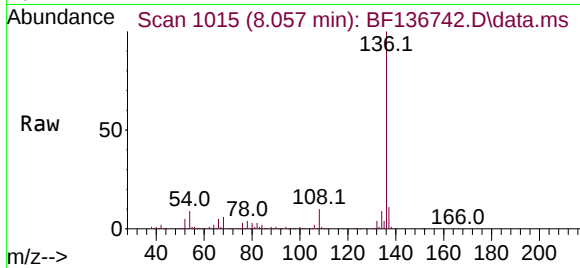


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Instrument :
BNA_F
ClientSampleId :
HR-02-112223

Tgt Ion:136 Resp: 247339

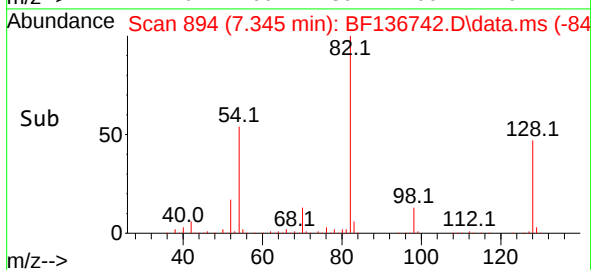
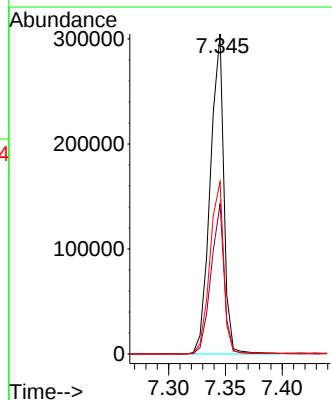
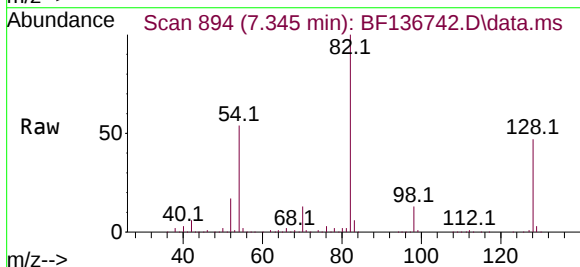
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.1	7.2	10.8
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 52.394 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion: 82 Resp: 253249

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.3	52.9
54	53.8	44.5	66.7

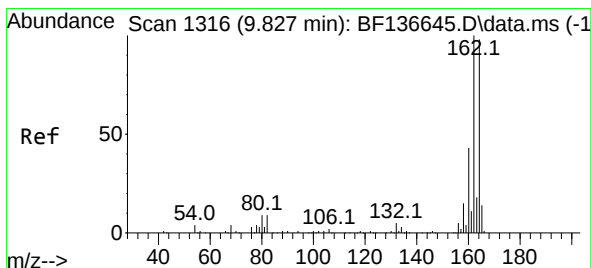
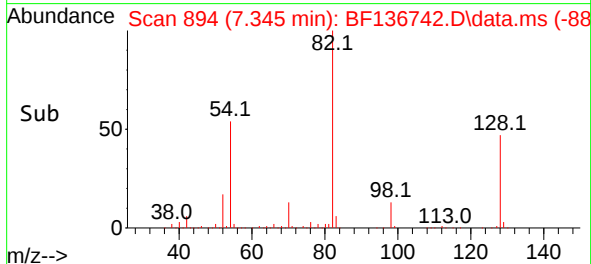
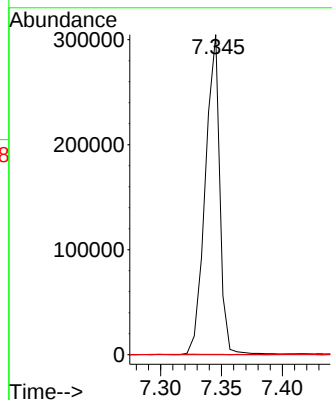
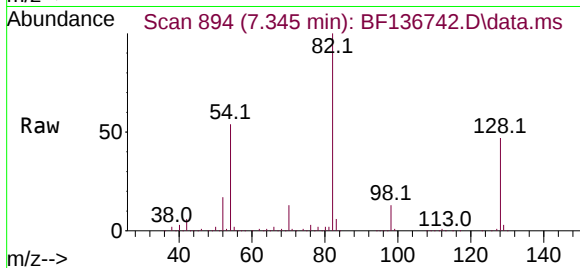




#25
Isophorone
Concen: 28.794 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

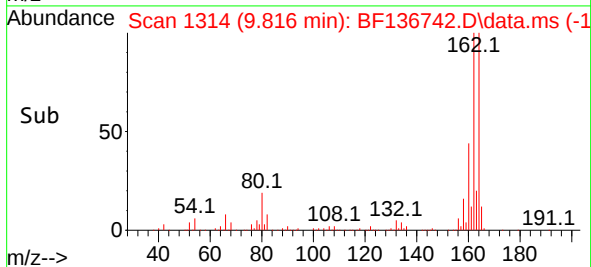
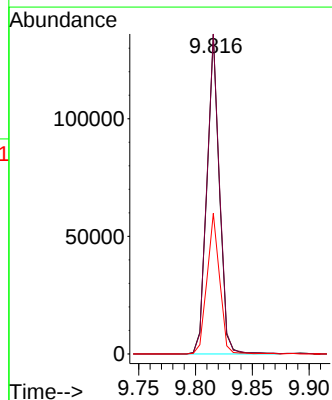
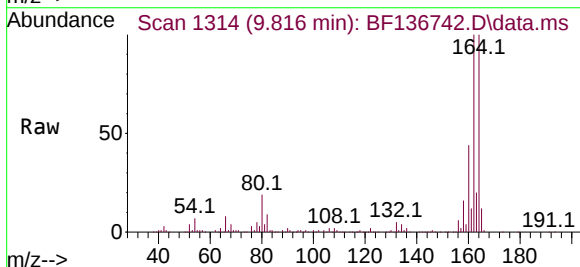
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

Tgt Ion: 82 Resp: 253246
Ion Ratio Lower Upper
82 100
95 0.1 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: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:164 Resp: 103355
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 67.501 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136742.D

Acq: 27 Dec 2023 03:14

Instrument :

BNA_F

ClientSampleId :

HR-02-112223

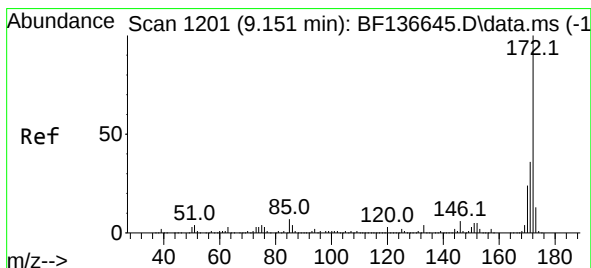
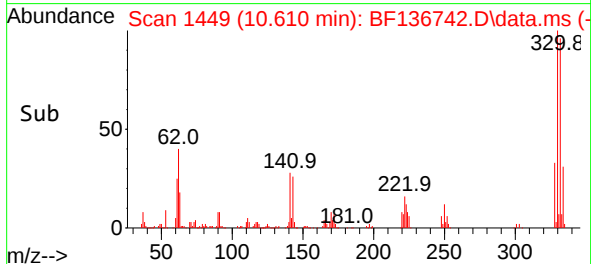
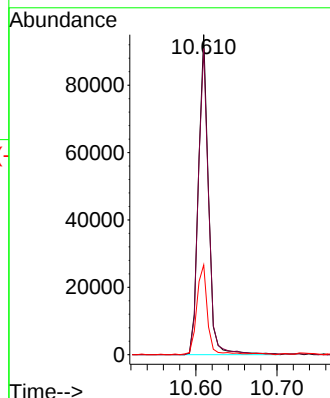
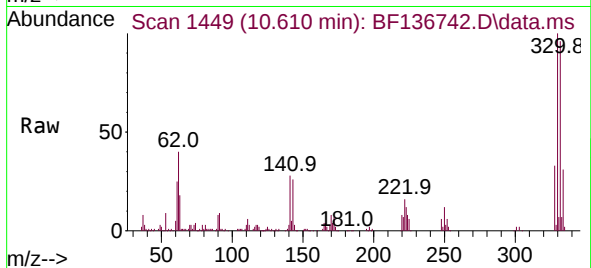
Tgt Ion:330 Resp: 82165

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 29.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 60.105 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136742.D

Acq: 27 Dec 2023 03:14

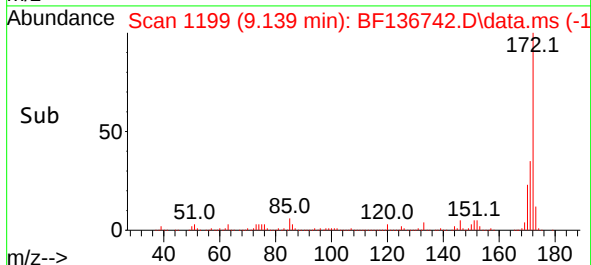
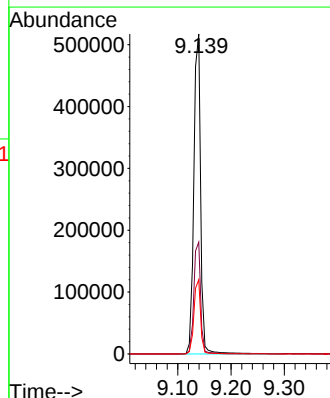
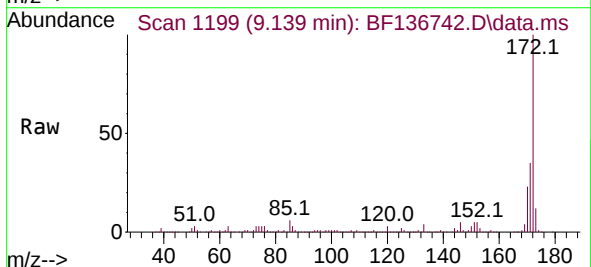
Tgt Ion:172 Resp: 461873

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.2 19.0 28.4

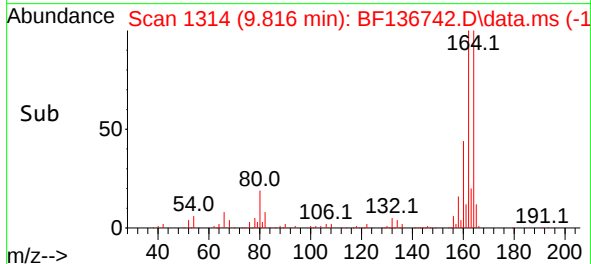
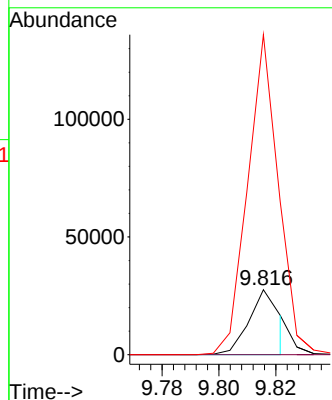
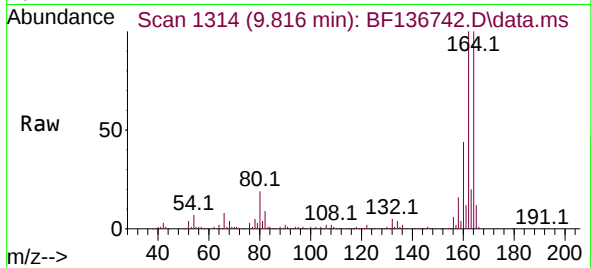




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

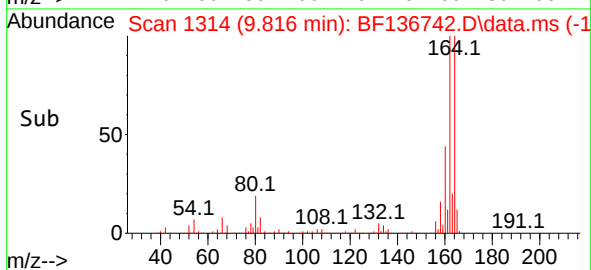
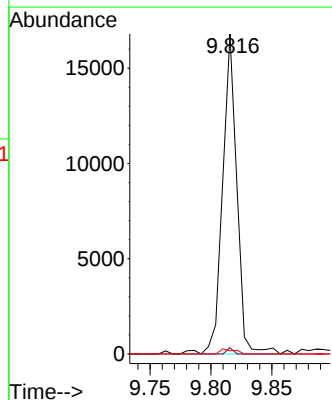
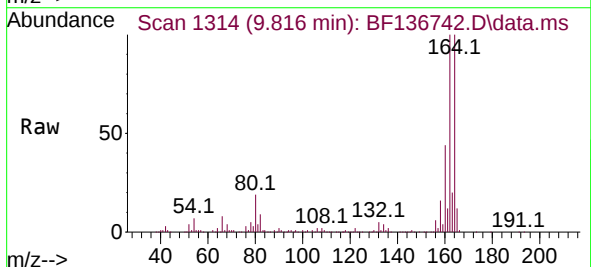
Instrument :
BNA_F
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HR-02-112223

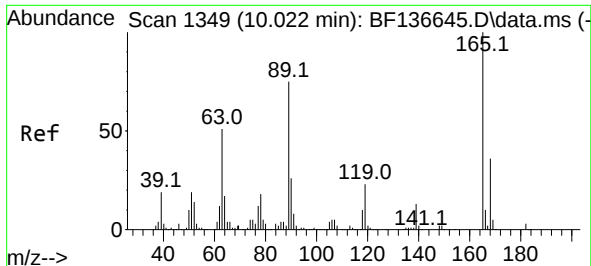
Tgt Ion:163 Resp: 20672
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 492.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.014 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:165 Resp: 13730
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.0 38.8 58.2#

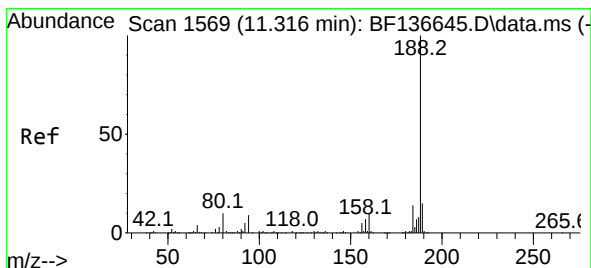
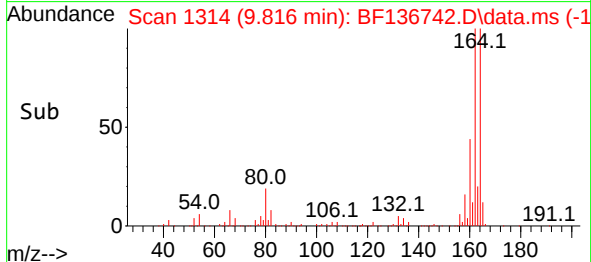
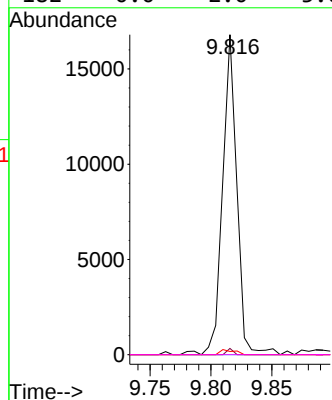
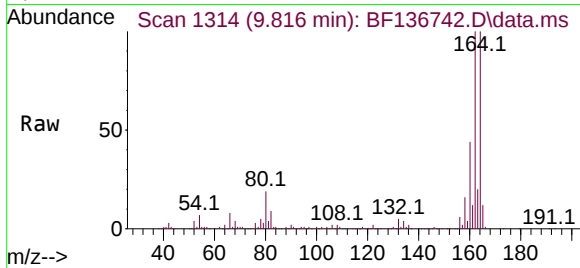




#57
2,4-Dinitrotoluene
Concen: 6.173 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

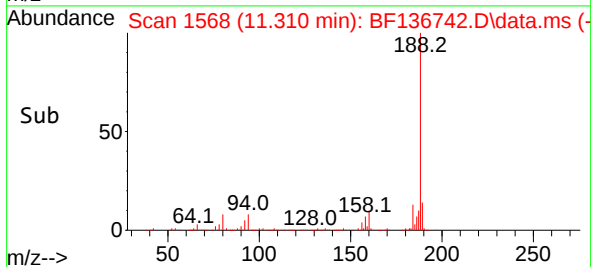
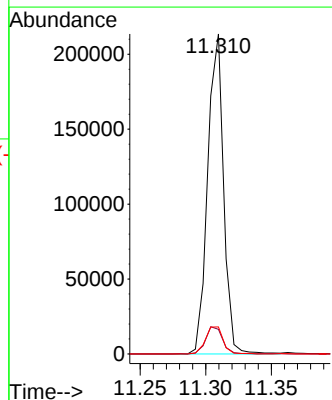
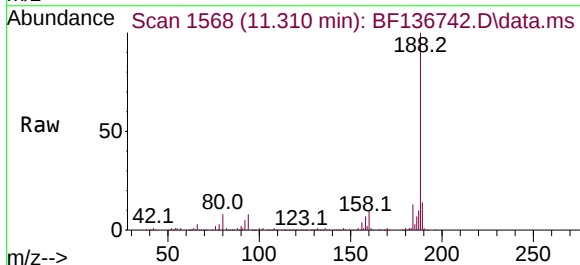
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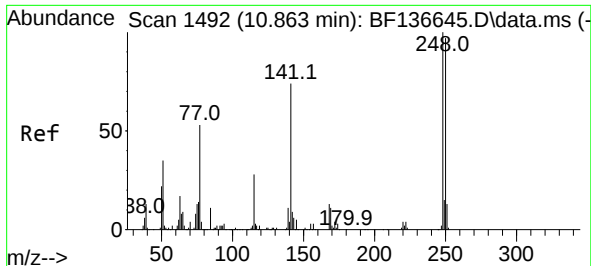
Tgt Ion:165 Resp: 13730
Ion Ratio Lower Upper
165 100
63 1.9 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:188 Resp: 180778
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 8.5 8.1 12.1

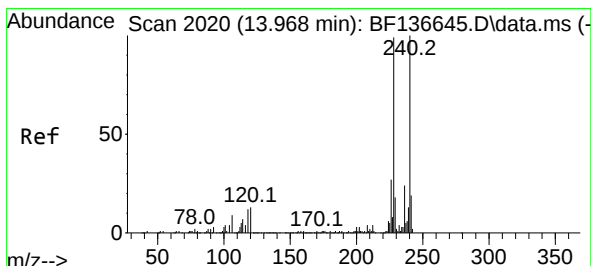
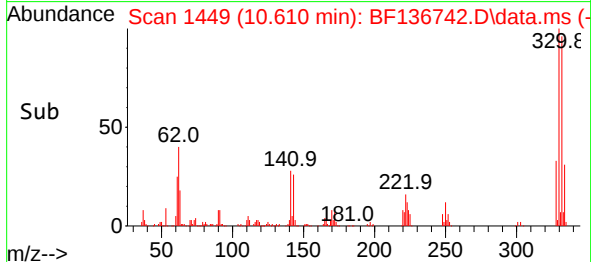
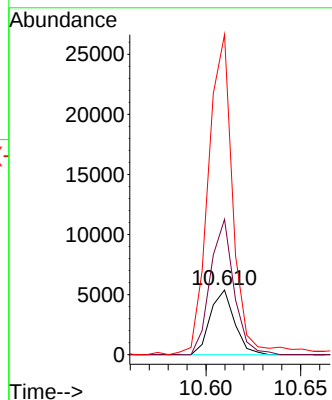
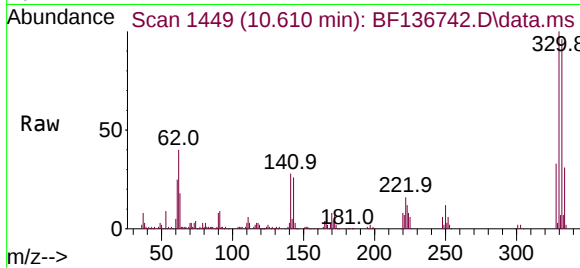




#67
4-Bromophenyl-phenylether
Concen: 2.388 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

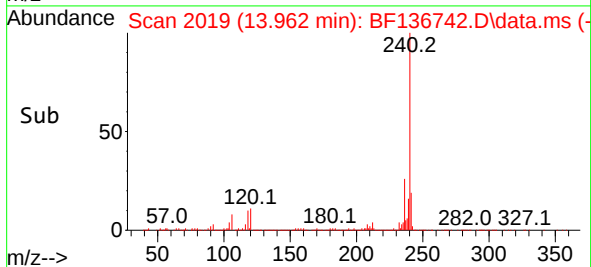
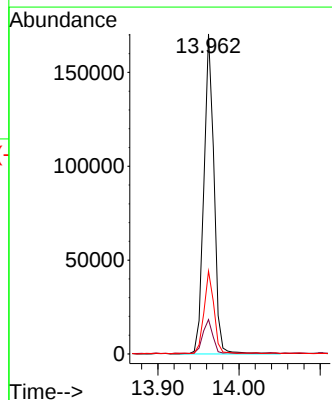
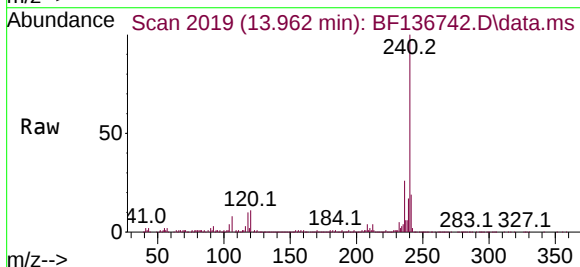
Instrument :
BNA_F
ClientSampleId :
HR-02-112223

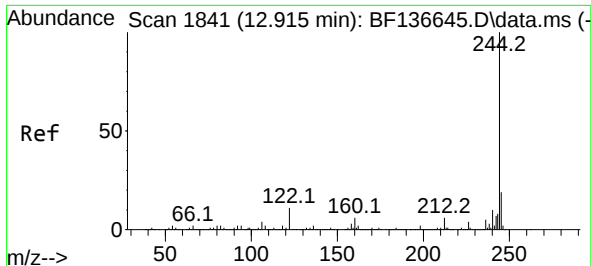
Tgt Ion:248 Resp: 4794
Ion Ratio Lower Upper
248 100
250 209.4 77.8 116.6#
141 495.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:240 Resp: 147934
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 25.9 19.4 29.2

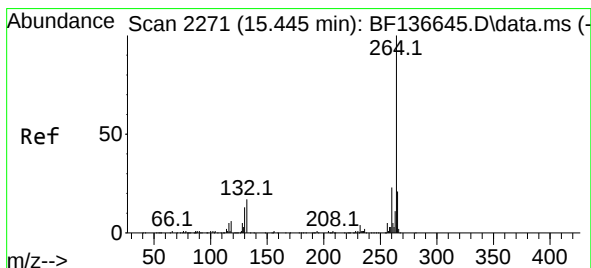
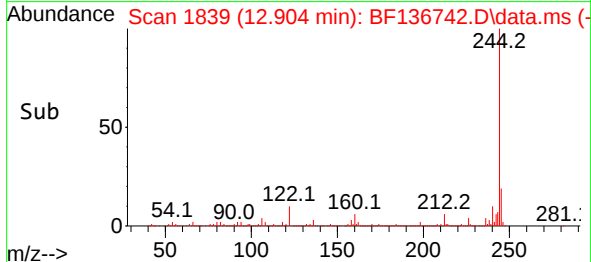
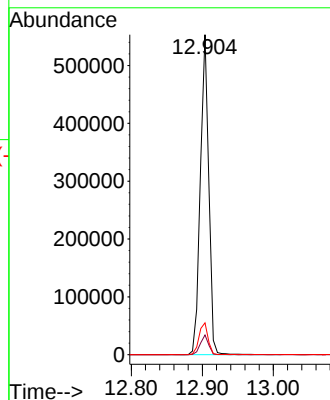
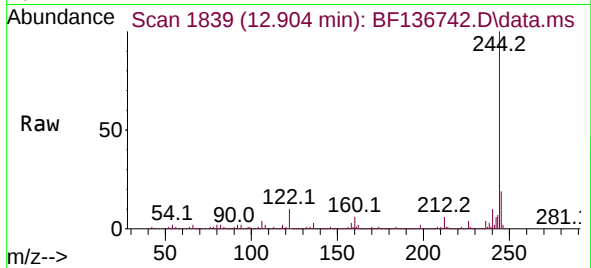




#79
Terphenyl-d14
Concen: 43.158 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Instrument :
BNA_F
ClientSampleId :
HR-02-112223

Tgt Ion:244 Resp: 456868
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 9.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF136742.D
Acq: 27 Dec 2023 03:14

Tgt Ion:264 Resp: 98335
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 21.2 17.0 25.6

