

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136737.D
 Acq On : 27 Dec 2023 00:40
 Operator : CG\JU
 Sample : 05812-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW2RE

Quant Time: Dec 27 04:01:44 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)

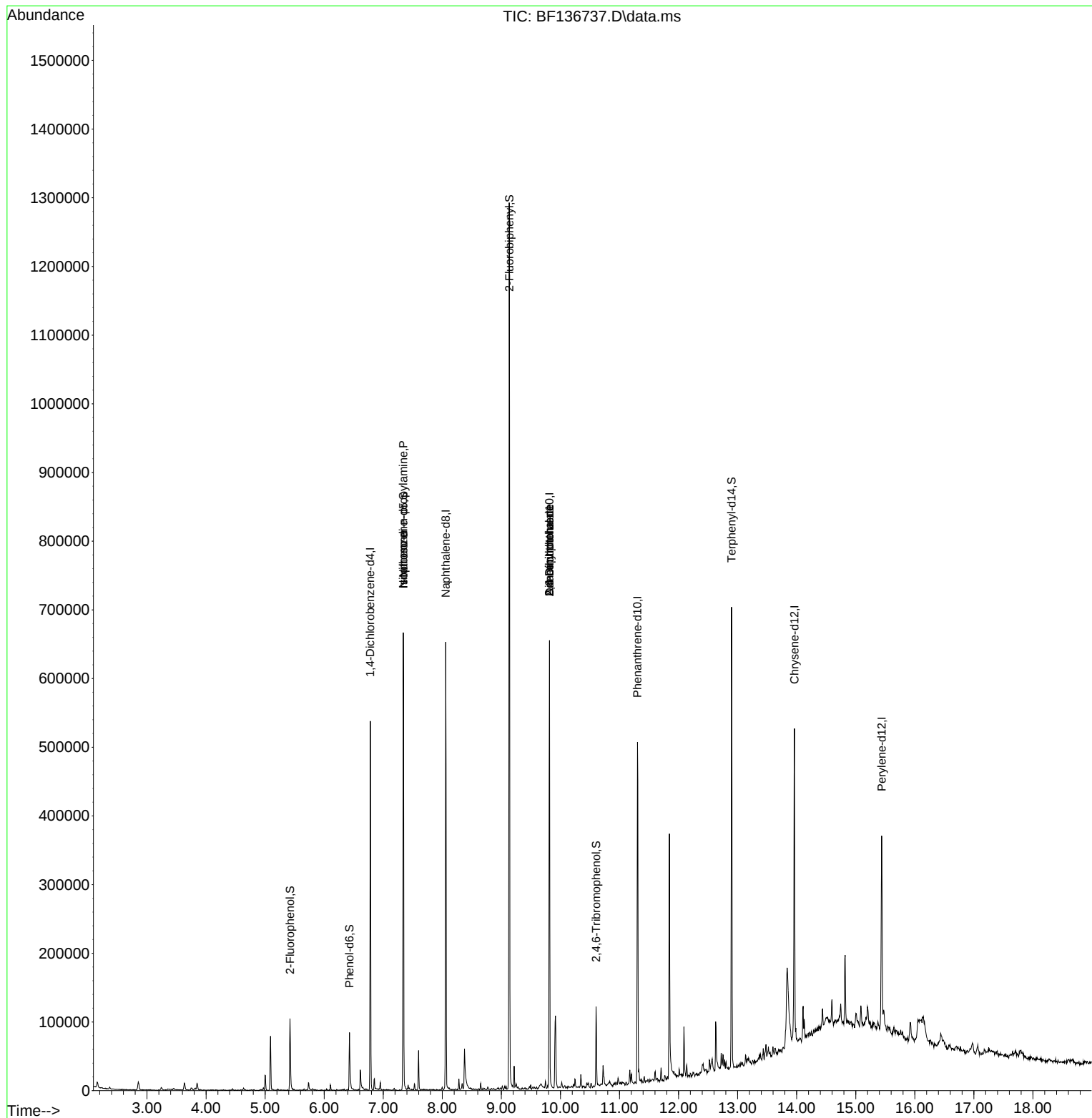
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71612	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	268850	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123110	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	188576	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	151435	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	129736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	29681	6.467	ng	0.00
7) Phenol-d6	6.428	99	29129	4.898	ng	-0.01
23) Nitrobenzene-d5	7.339	82	198811	37.840	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	14163	9.768	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	385540	42.121	ng	-0.02
79) Terphenyl-d14	12.898	244	228610	21.097	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	25639	7.112	ng	# 74
25) Isophorone	7.339	82	198809	20.796	ng	# 65
50) Dimethylphthalate	9.816	163	24622	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16149	7.913	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16149	6.095	ng	# 21

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

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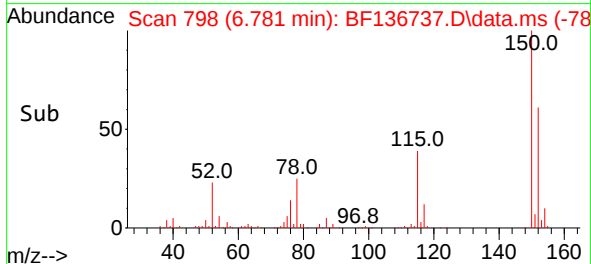
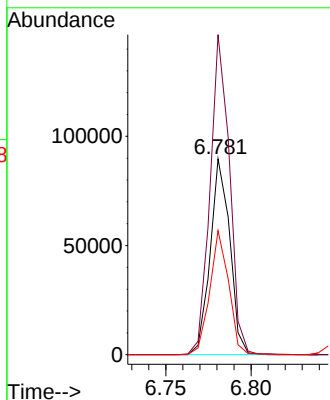
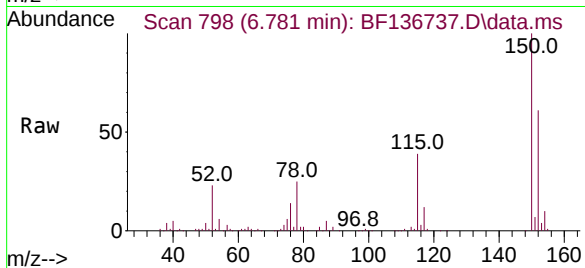




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

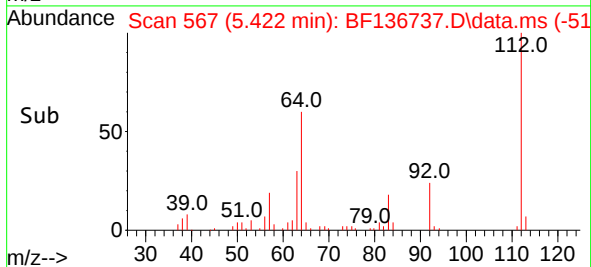
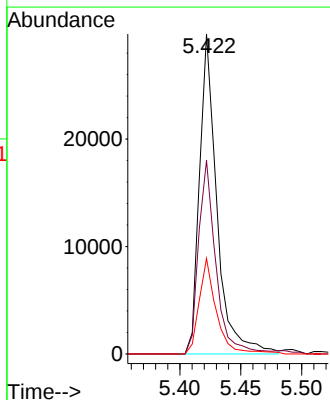
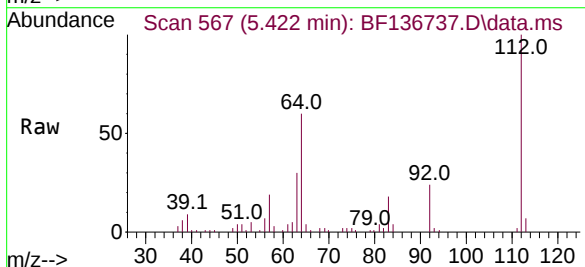
Instrument :
BNA_F
ClientSampleId :
RW2RE

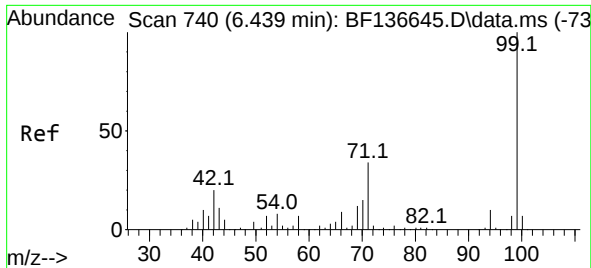
Tgt Ion:152 Resp: 71612
Ion Ratio Lower Upper
152 100
150 163.4 127.0 190.6
115 63.3 49.0 73.4



#5
2-Fluorophenol
Concen: 6.467 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion:112 Resp: 29681
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.8 26.1 39.1

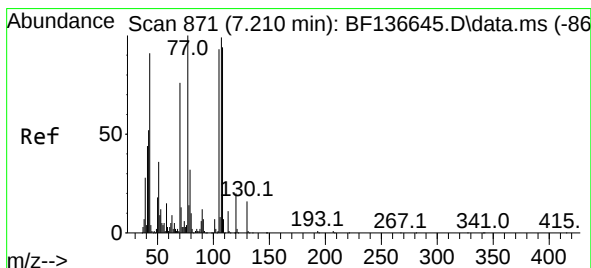
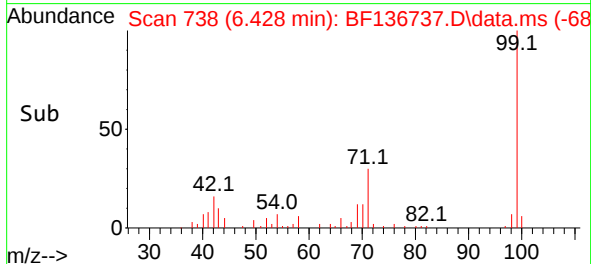
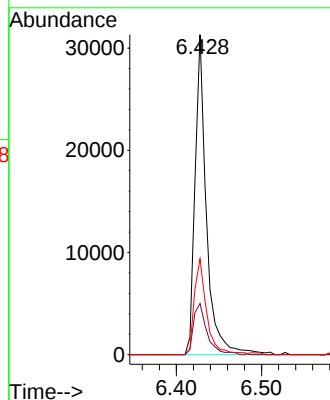
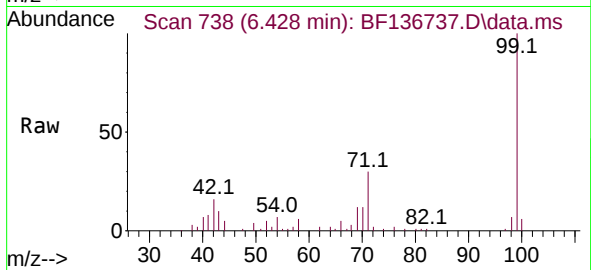




#7
Phenol-d6
Concen: 4.898 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

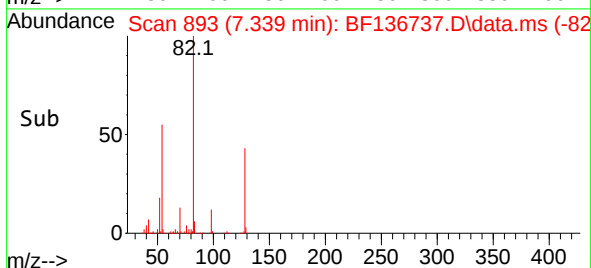
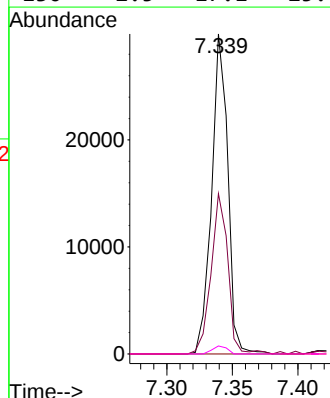
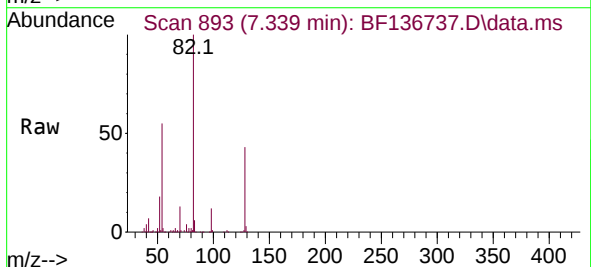
Instrument :
BNA_F
ClientSampleId :
RW2RE

Tgt Ion: 99 Resp: 29129
Ion Ratio Lower Upper
99 100
42 16.0 16.1 24.1#
71 30.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.112 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion: 70 Resp: 25639
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



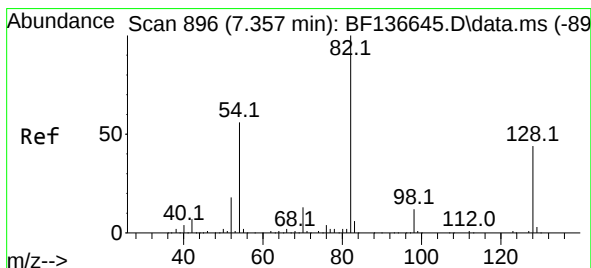
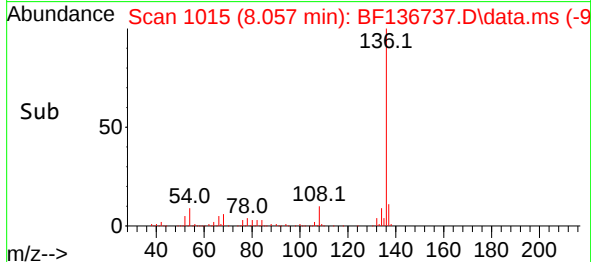
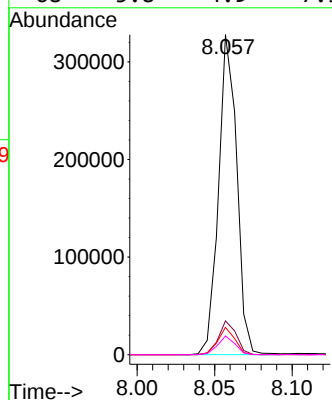
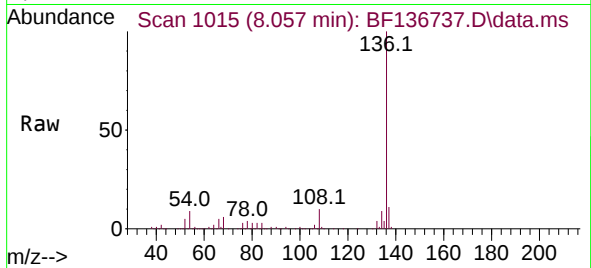


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Instrument :
BNA_F
ClientSampleId :
RW2RE

Tgt Ion:136 Resp: 268850

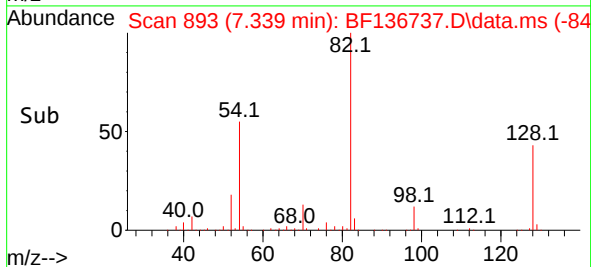
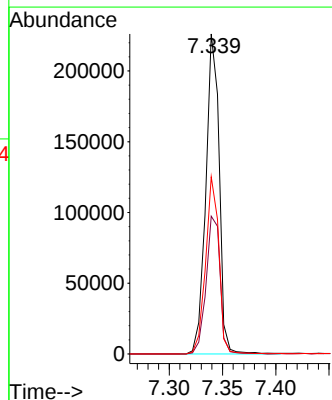
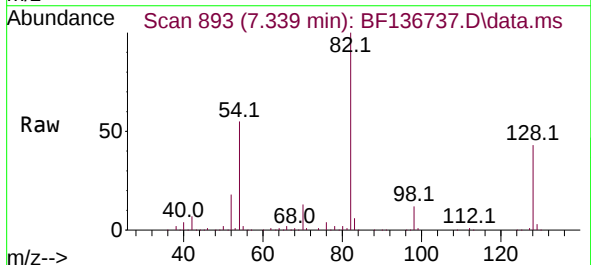
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.6	7.2	10.8
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 37.840 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion: 82 Resp: 198811

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	55.4	44.5	66.7

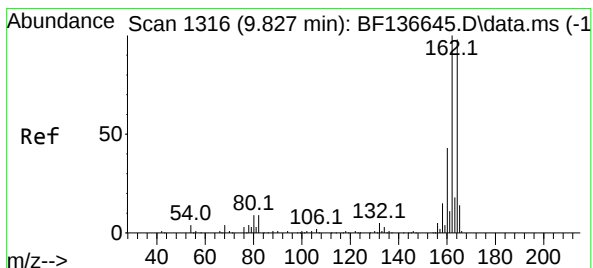
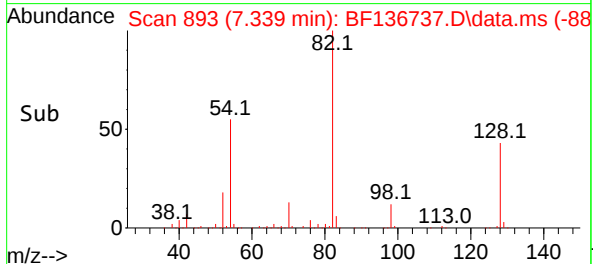
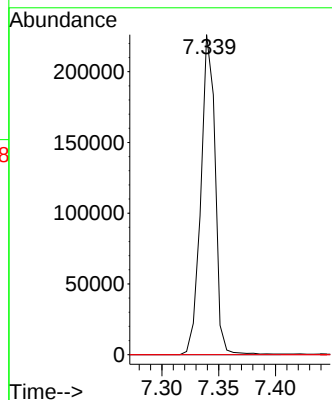
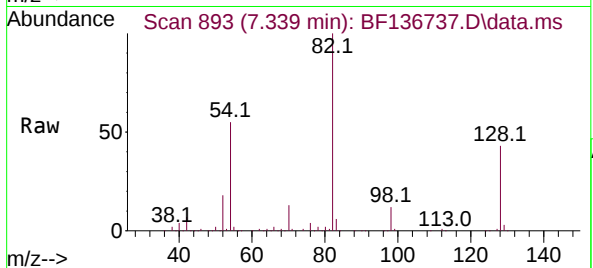




#25
Isophorone
Concen: 20.796 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

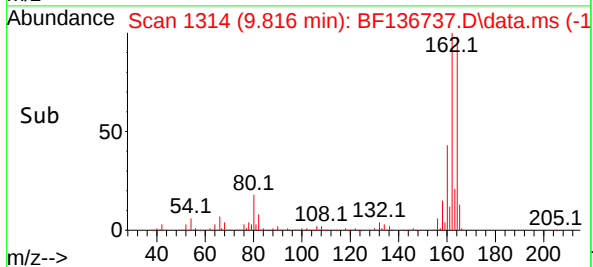
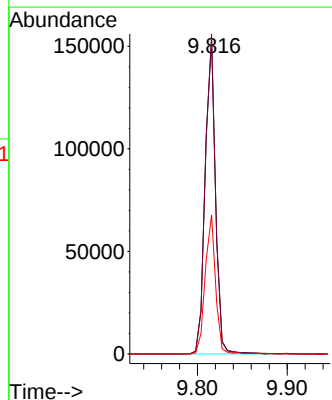
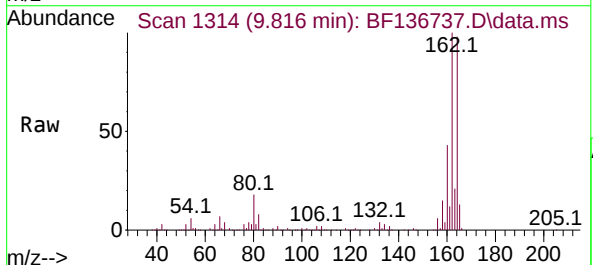
Instrument :
BNA_F
ClientSampleId :
RW2RE

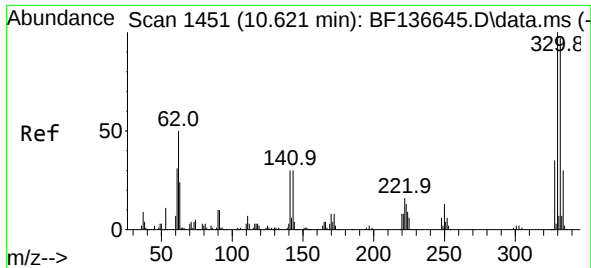
Tgt Ion: 82 Resp: 198809
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion: 164 Resp: 123110
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 44.4 34.9 52.3

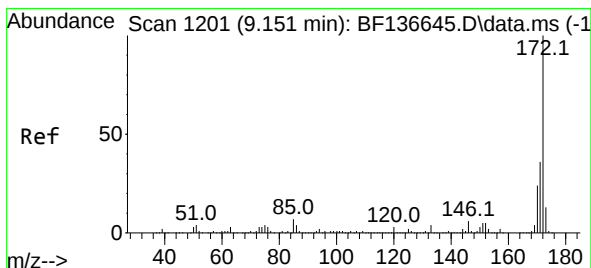
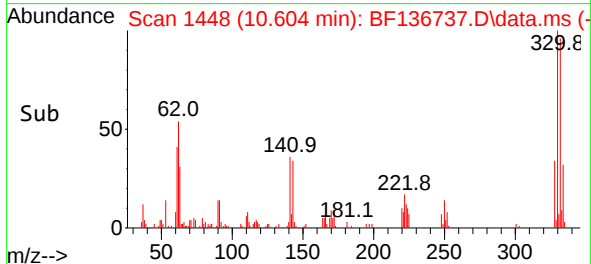
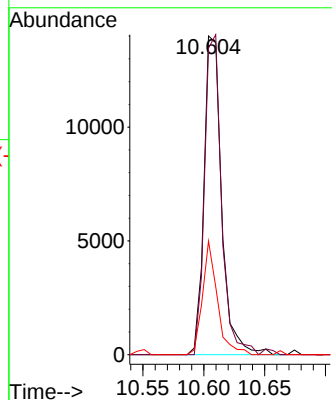
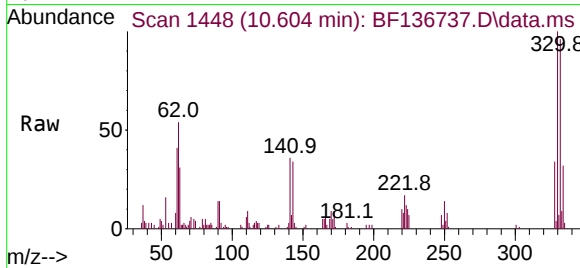




#42
2,4,6-Tribromophenol
Concen: 9.768 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

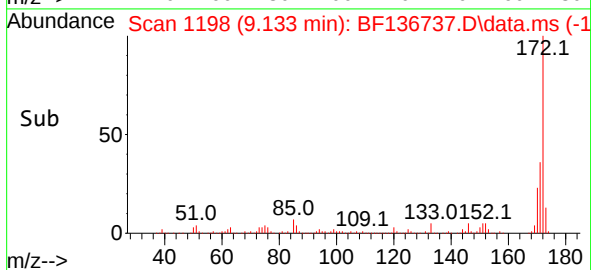
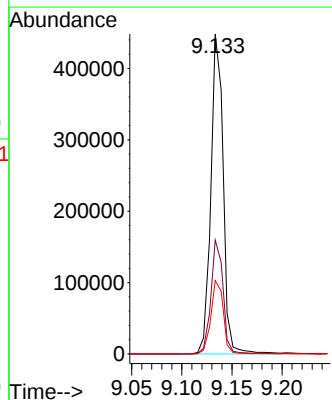
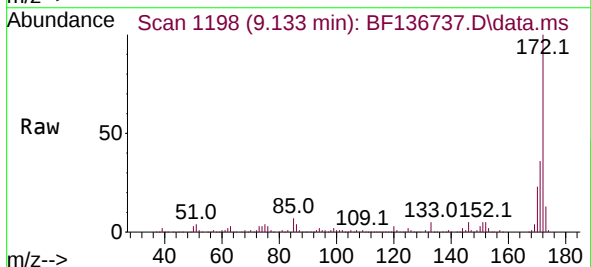
Instrument :
BNA_F
ClientSampleId :
RW2RE

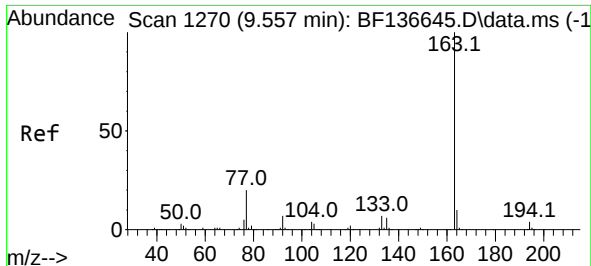
Tgt Ion: 330 Resp: 14163
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 30.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 42.121 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion: 172 Resp: 385540
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 22.9 19.0 28.4

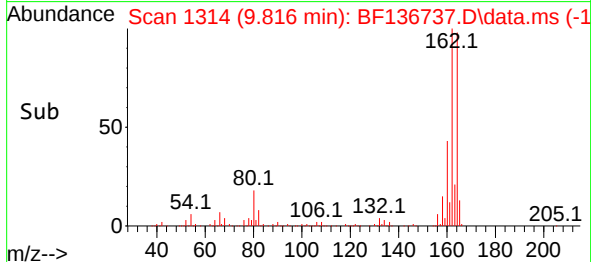
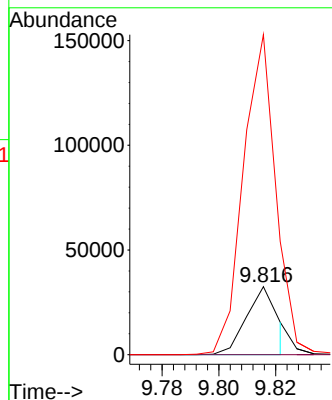
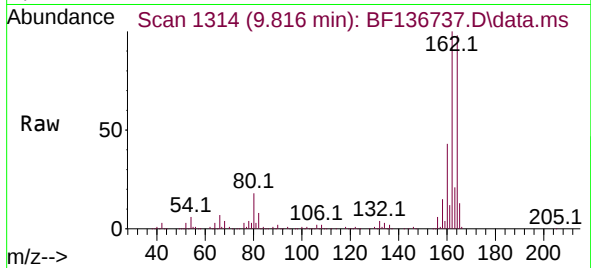




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

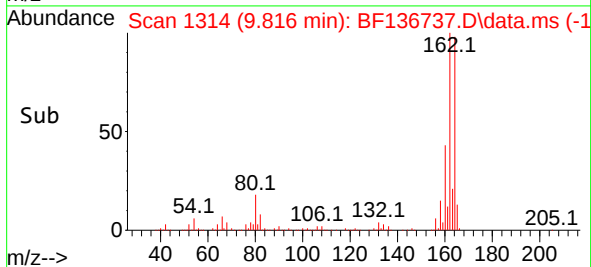
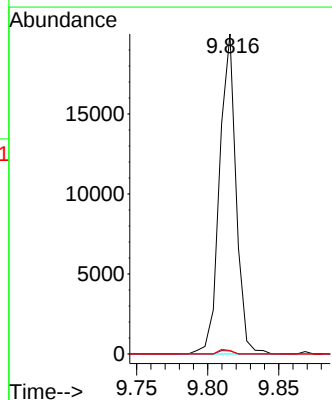
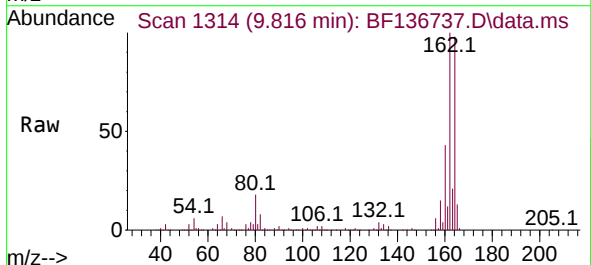
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BNA_F
ClientSampleId :
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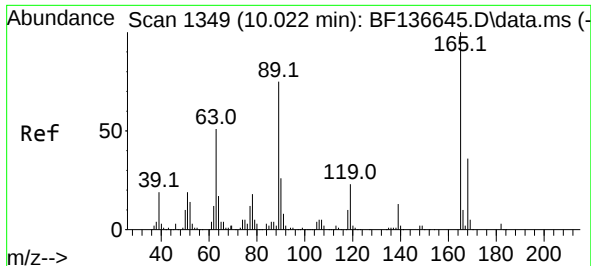
Tgt Ion:163 Resp: 24622
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 470.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.913 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion:165 Resp: 16149
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 38.8 58.2#

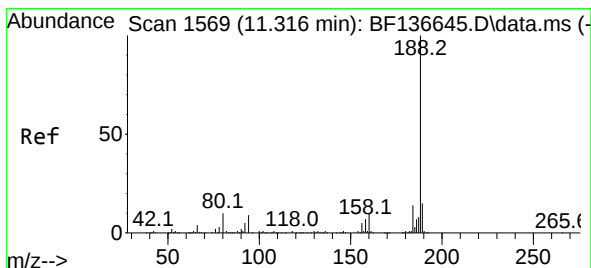
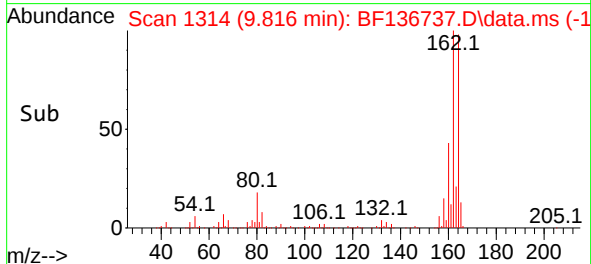
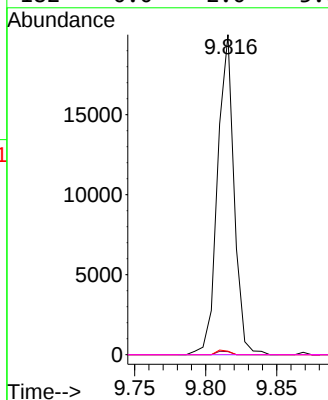
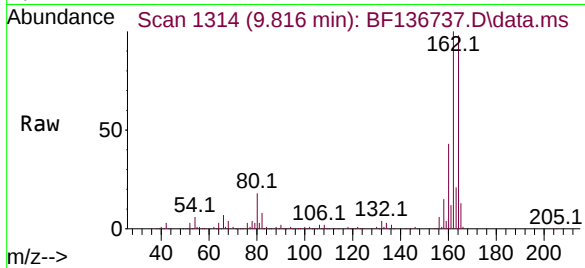




#57
2,4-Dinitrotoluene
Concen: 6.095 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

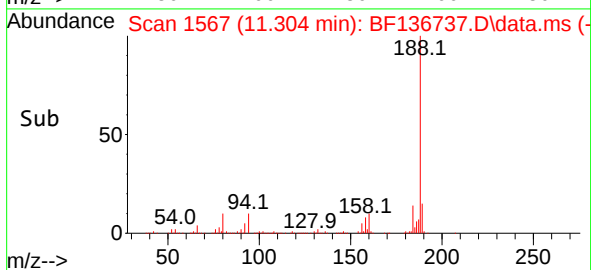
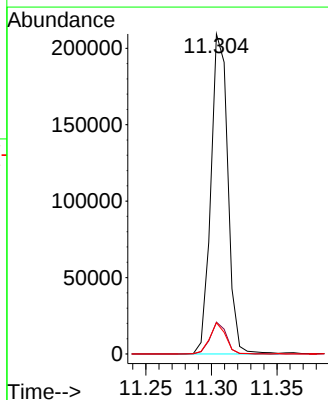
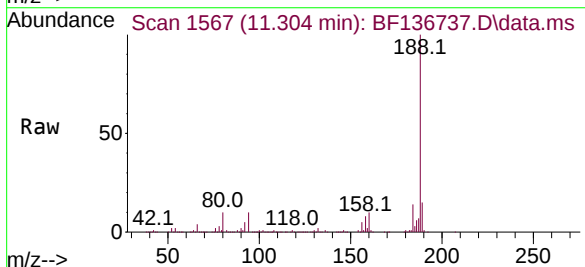
Instrument :
BNA_F
ClientSampleId :
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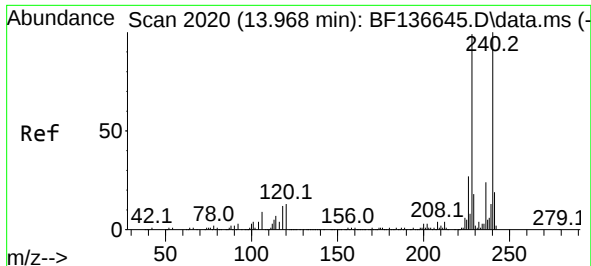
Tgt Ion:165 Resp: 16149
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion:188 Resp: 188576
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.8 8.1 12.1

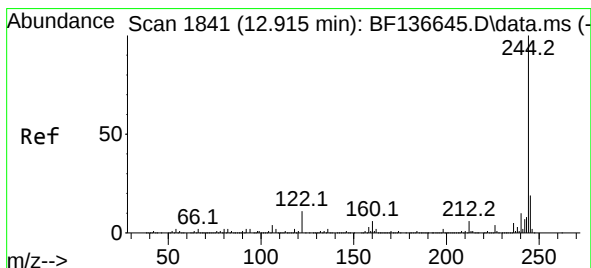
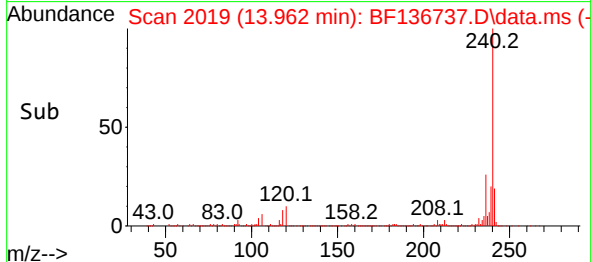
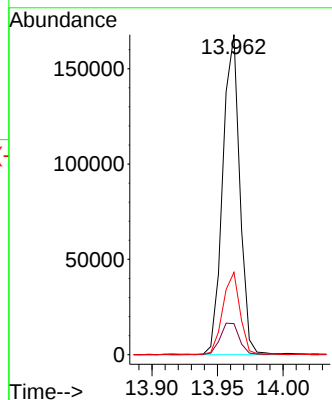
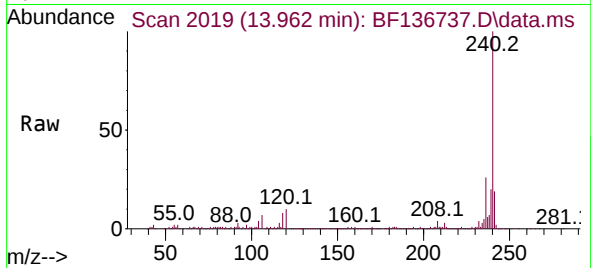




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

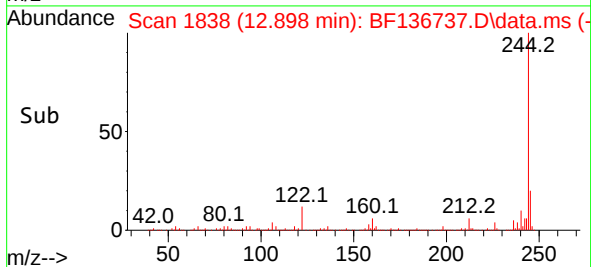
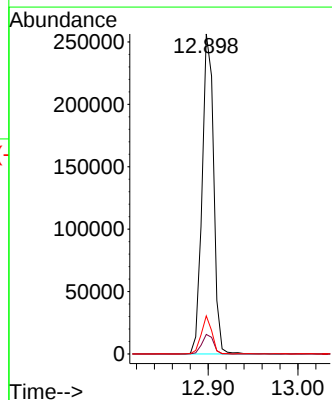
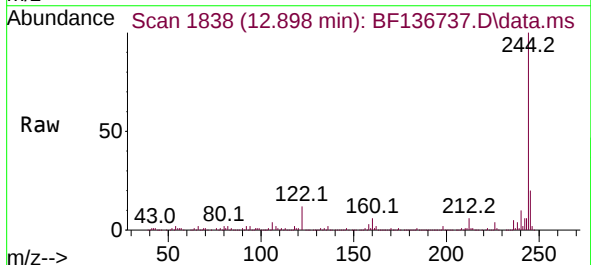
Instrument :
BNA_F
ClientSampleId :
RW2RE

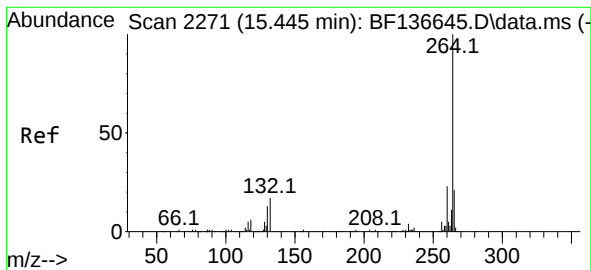
Tgt Ion:240 Resp: 151435
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 25.8 19.4 29.2



#79
Terphenyl-d14
Concen: 21.097 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.018 min
Lab File: BF136737.D
Acq: 27 Dec 2023 00:40

Tgt Ion:244 Resp: 228610
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 11.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136737.D
 Acq: 27 Dec 2023 00:40

Instrument :
 BNA_F
 ClientSampleId :
 RW2RE

Tgt Ion:264 Resp: 129736
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.7 17.0 25.6

