

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136689.D
 Acq On : 22 Dec 2023 17:01
 Operator : CG\JU
 Sample : PB157810BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157810BL

Quant Time: Dec 23 00:54:10 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)

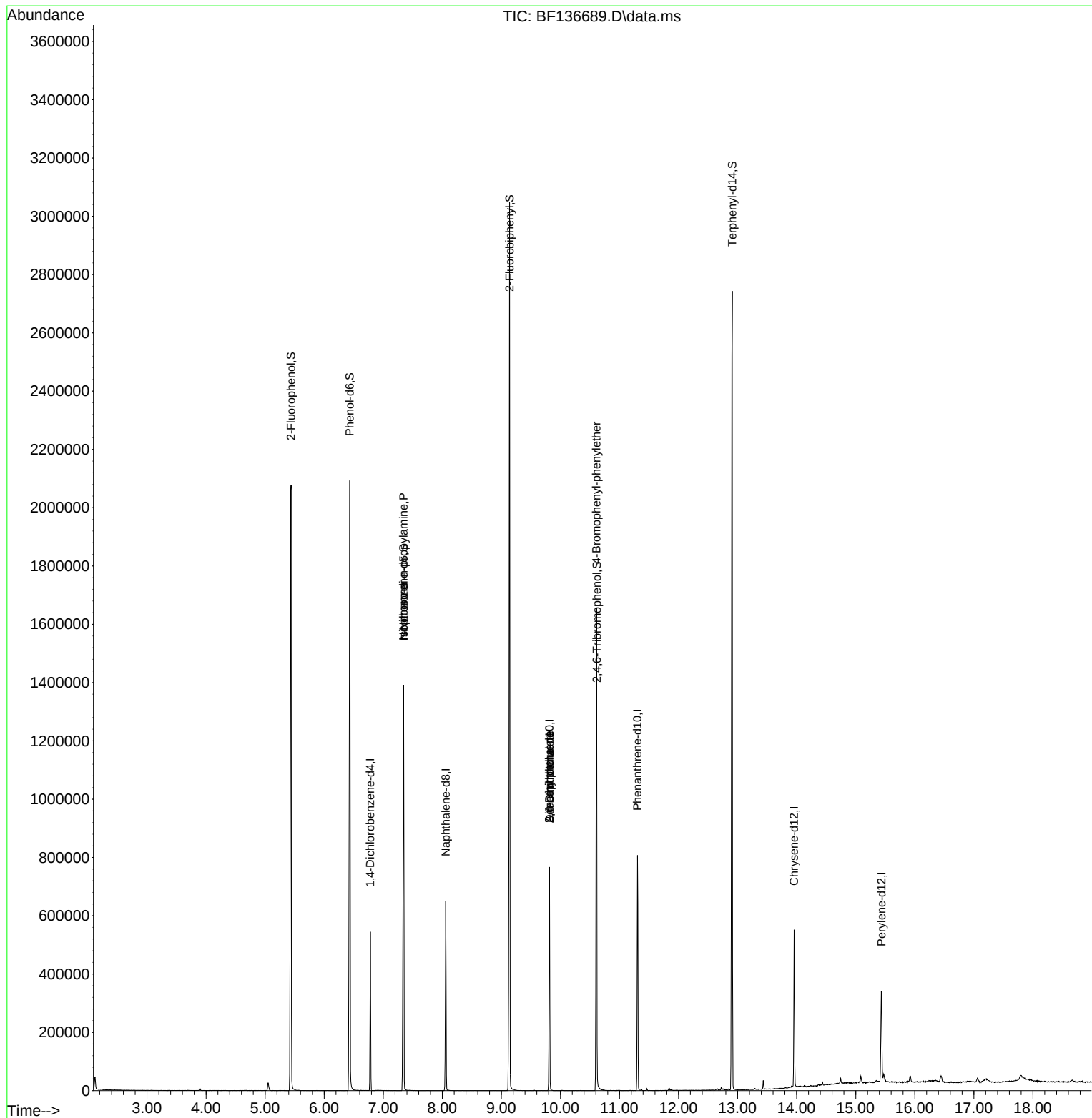
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71140	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	277442	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148821	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	294420	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	173961	20.000	ng	-0.01
86) Perylene-d12	15.433	264	152349	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	626368	137.379	ng	0.01
7) Phenol-d6	6.434	99	786750	133.169	ng	0.00
23) Nitrobenzene-d5	7.345	82	493490	91.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	223548	127.545	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	972893	87.926	ng	-0.01
79) Terphenyl-d14	12.910	244	1071438	86.071	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	64409	17.985	ng	# 76
25) Isophorone	7.345	82	489871	49.654	ng	# 65
50) Dimethylphthalate	9.816	163	30489	2.805	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19014	7.707	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	19014	5.937	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	12842	3.928	ng	# 1

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

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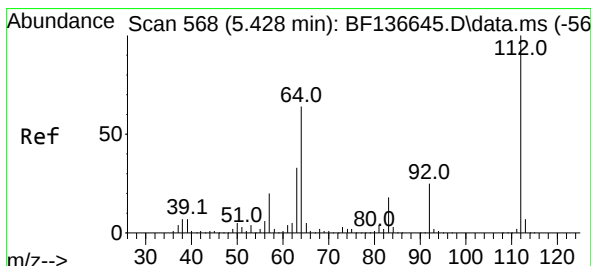
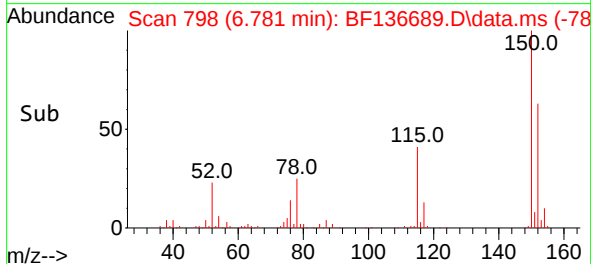
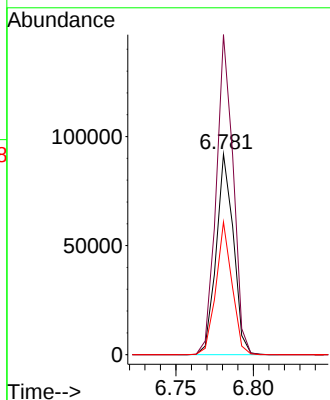
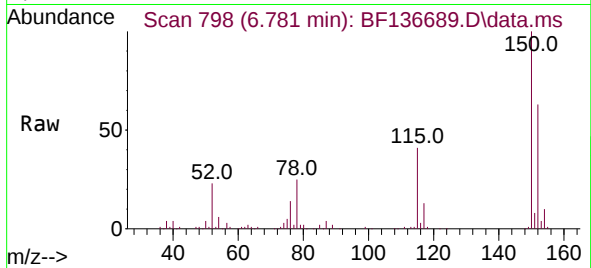




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

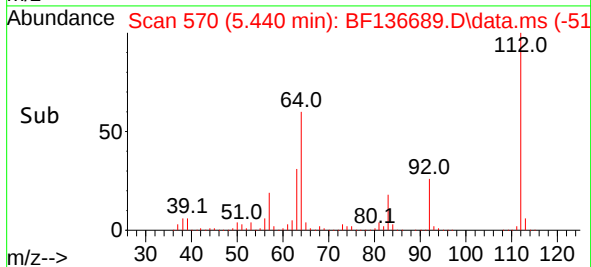
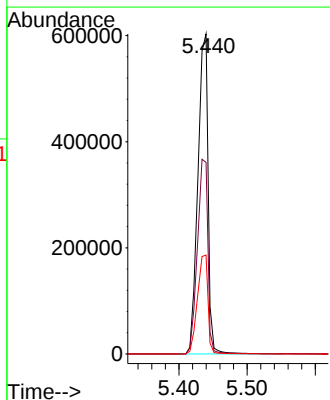
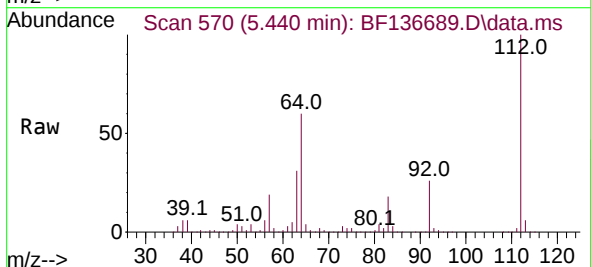
Instrument :
BNA_F
ClientSampleId :
PB157810BL

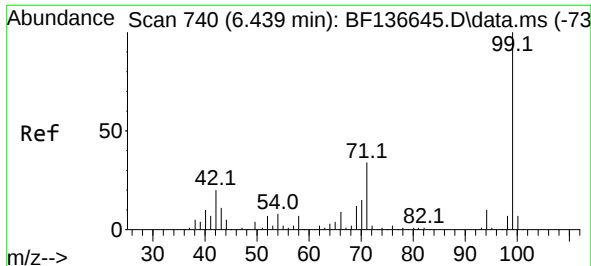
Tgt Ion:152 Resp: 71140
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 66.1 49.0 73.4



#5
2-Fluorophenol
Concen: 137.379 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

Tgt Ion:112 Resp: 626368
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 30.9 26.1 39.1

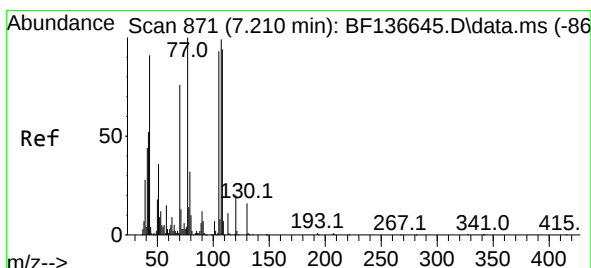
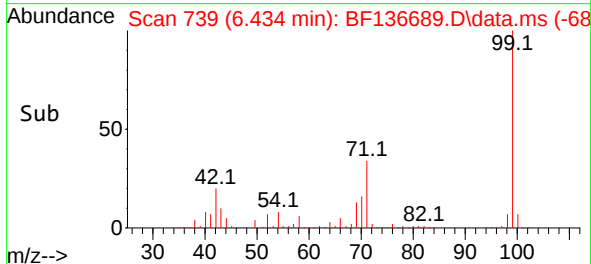
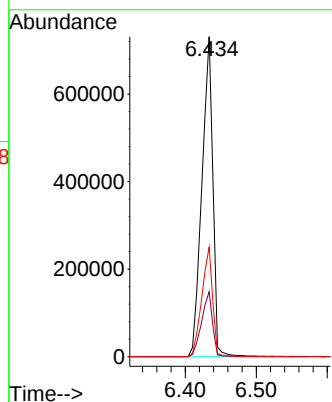
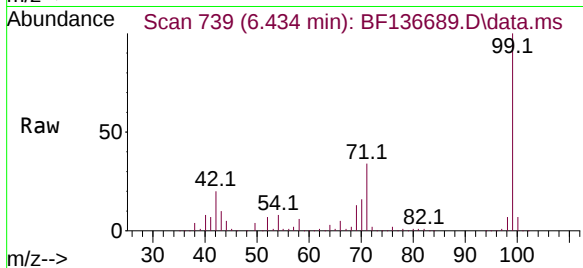




#7
Phenol-d6
Concen: 133.169 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

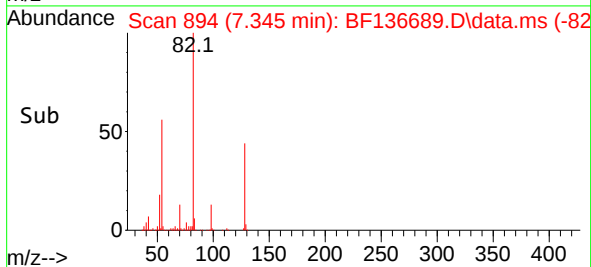
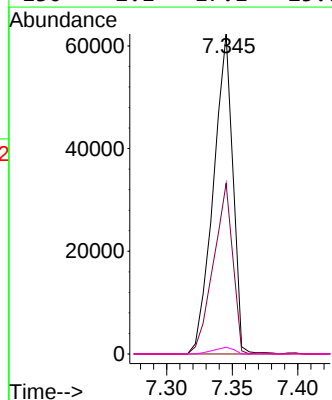
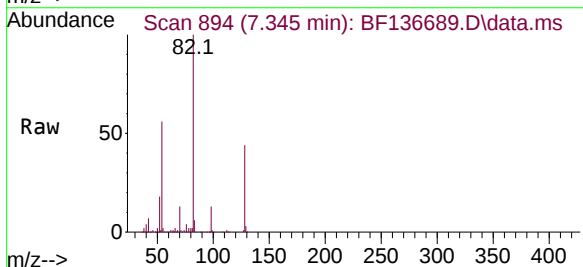
Instrument :
BNA_F
ClientSampleId :
PB157810BL

Tgt Ion: 99 Resp: 786750
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.985 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

Tgt Ion: 70 Resp: 64409
Ion Ratio Lower Upper
70 100
42 53.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



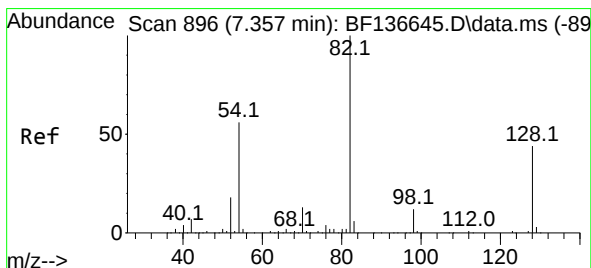
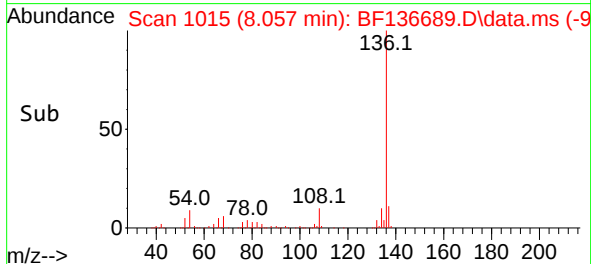
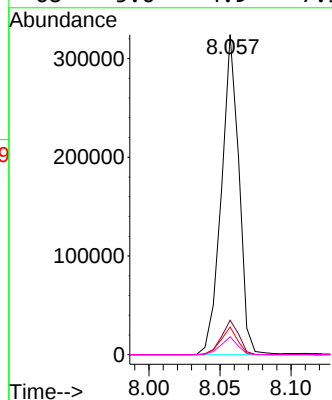
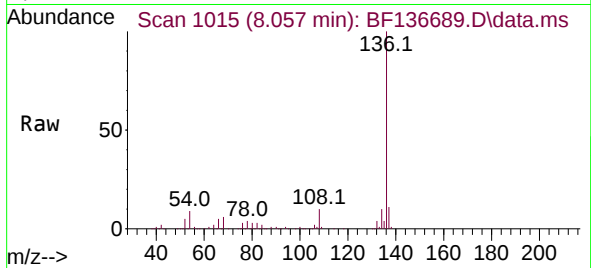


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

Instrument :
BNA_F
ClientSampleId :
PB157810BL

Tgt Ion:136 Resp: 277442

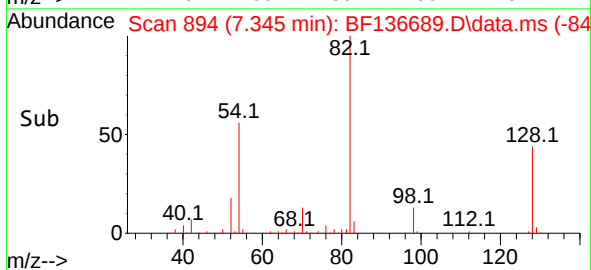
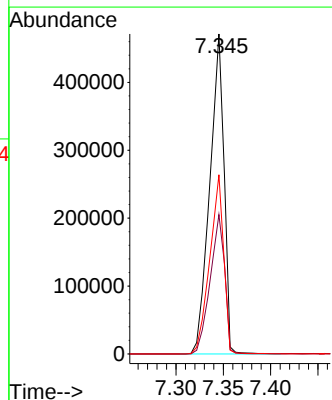
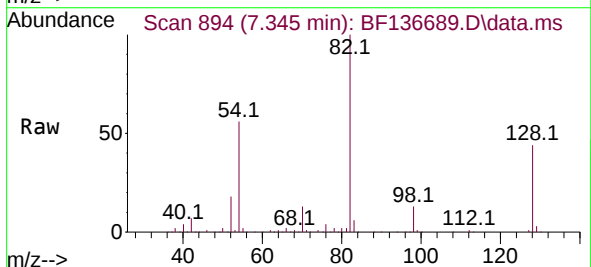
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.7	7.2	10.8
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.019 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

Tgt Ion: 82 Resp: 493490

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.3	52.9
54	56.0	44.5	66.7

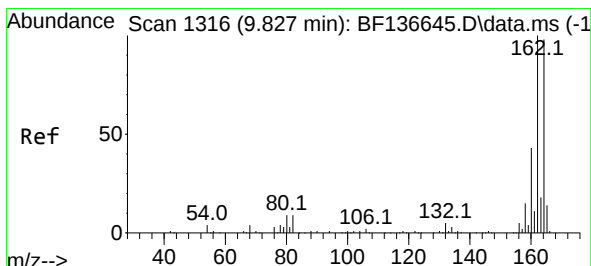
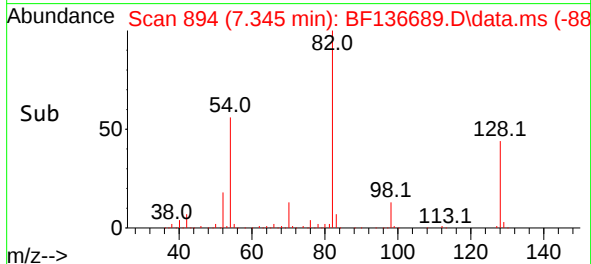
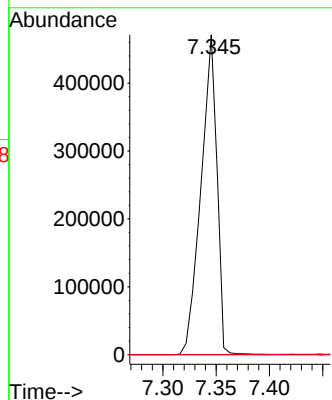
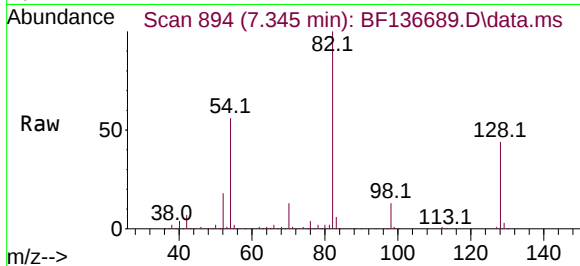




#25
Isophorone
Concen: 49.654 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

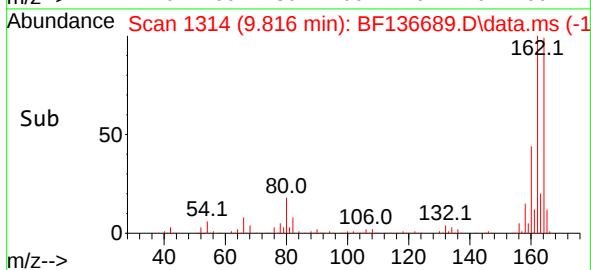
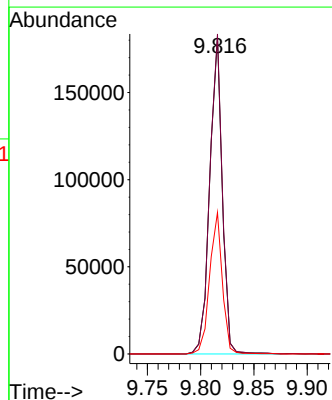
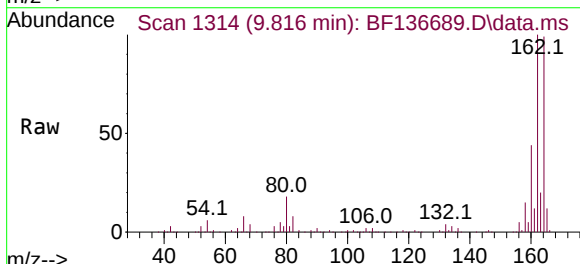
Instrument :
BNA_F
ClientSampleId :
PB157810BL

Tgt Ion: 82 Resp: 489871
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: BF136689.D
Acq: 22 Dec 2023 17:01

Tgt Ion:164 Resp: 148821
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 127.545 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136689.D

Acq: 22 Dec 2023 17:01

Instrument :

BNA_F

ClientSampleId :

PB157810BL

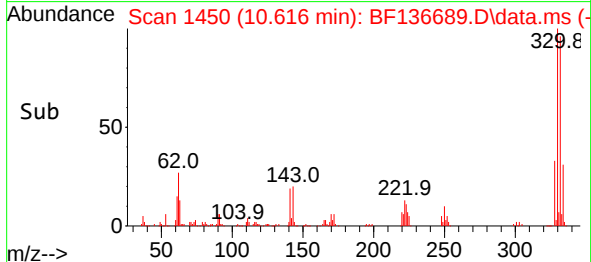
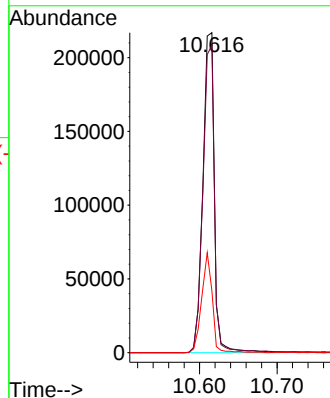
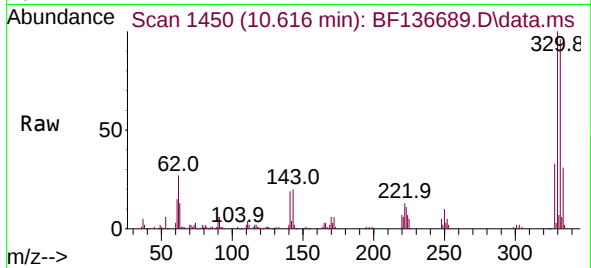
Tgt Ion:330 Resp: 223548

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 87.926 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136689.D

Acq: 22 Dec 2023 17:01

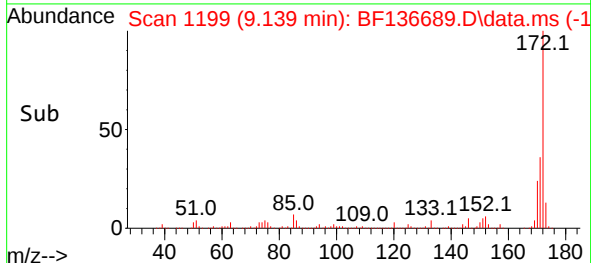
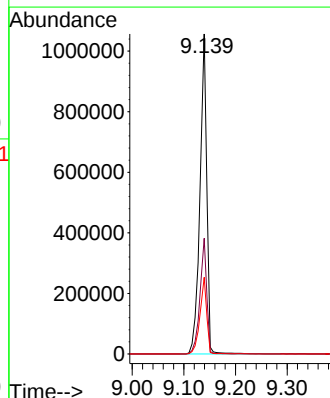
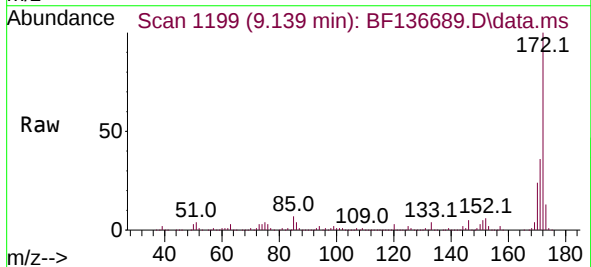
Tgt Ion:172 Resp: 972893

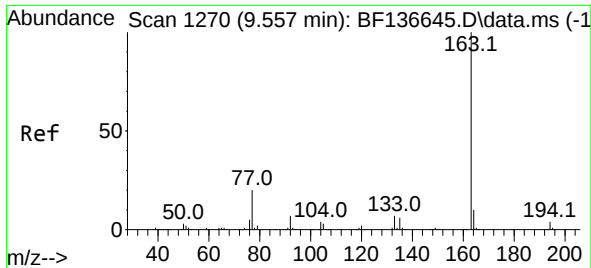
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.9 19.0 28.4

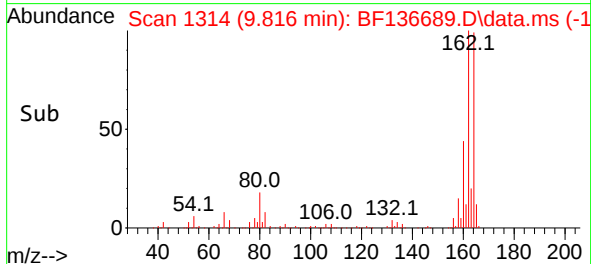
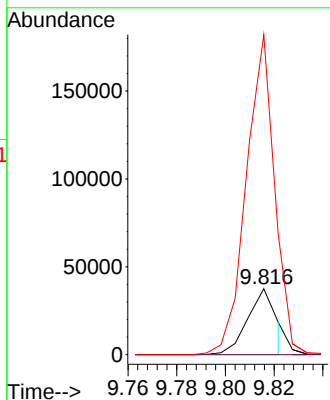
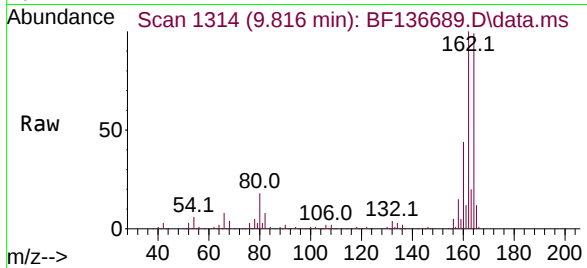




#50
Dimethylphthalate
Concen: 2.805 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

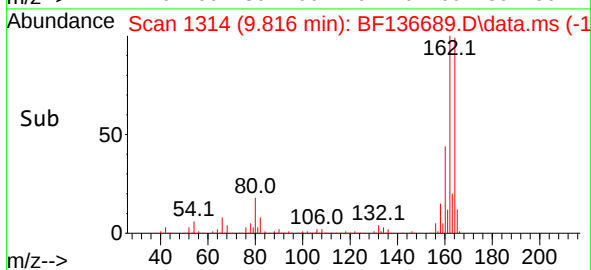
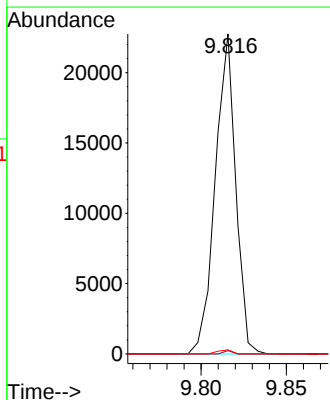
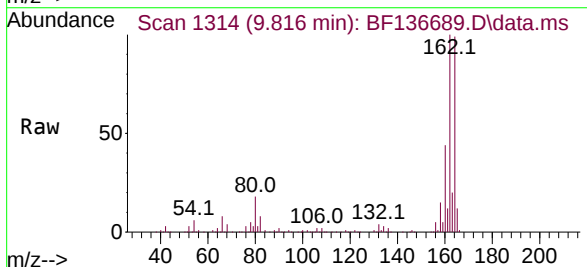
Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 30489
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

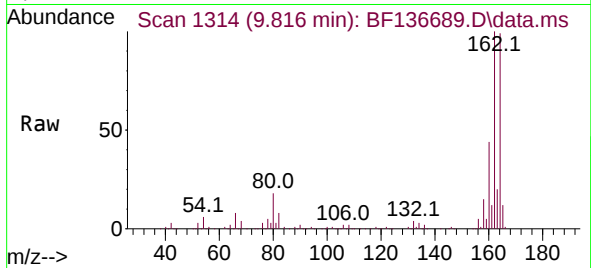
Tgt Ion:165 Resp: 19014
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 38.8 58.2#



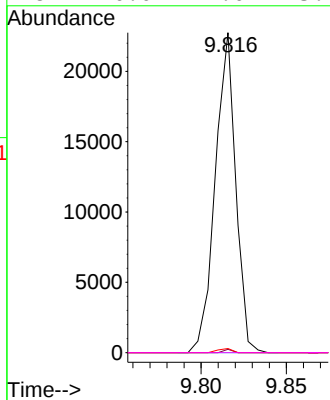
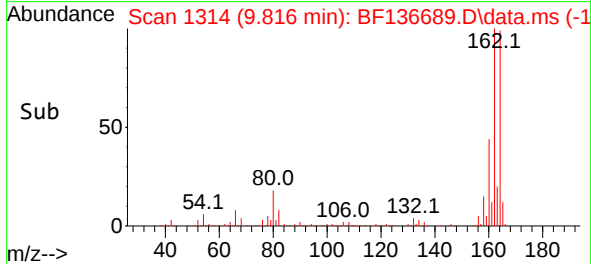


#57
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

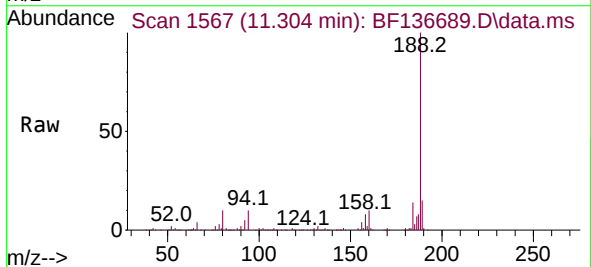
Instrument :
BNA_F
ClientSampleId :
PB157810BL



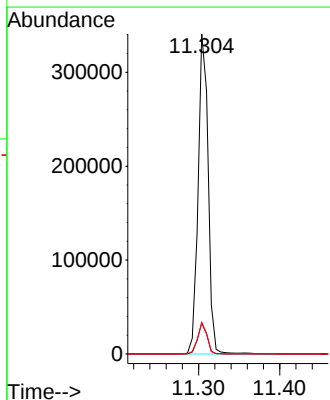
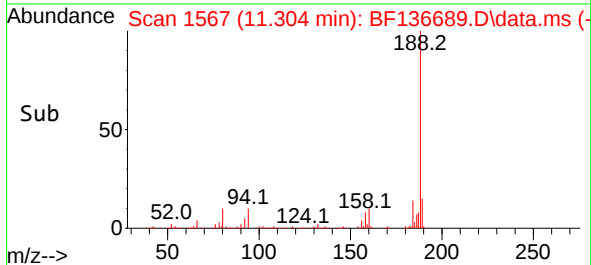
Tgt Ion:165 Resp: 19014
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#

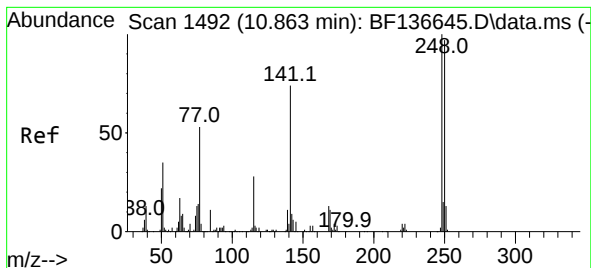


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01



Tgt Ion:188 Resp: 294420
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.9 8.1 12.1

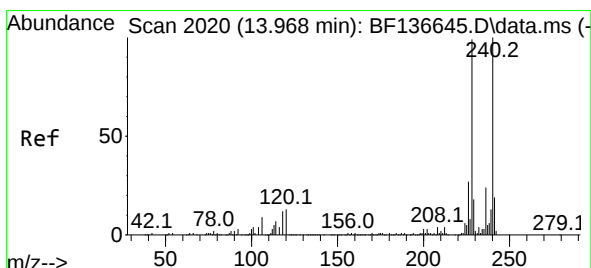
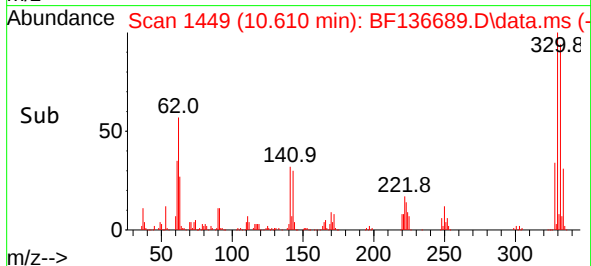
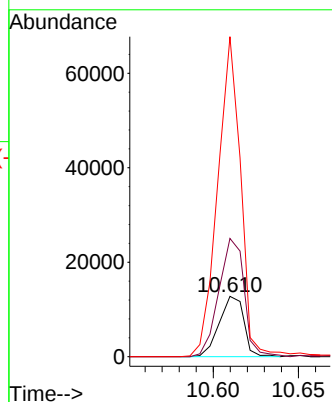
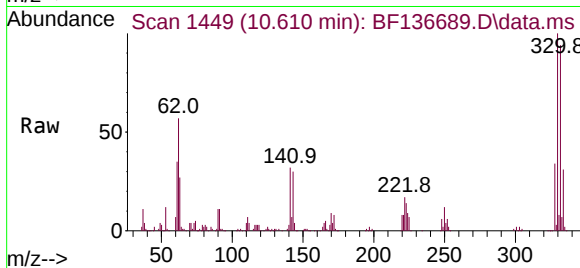




#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

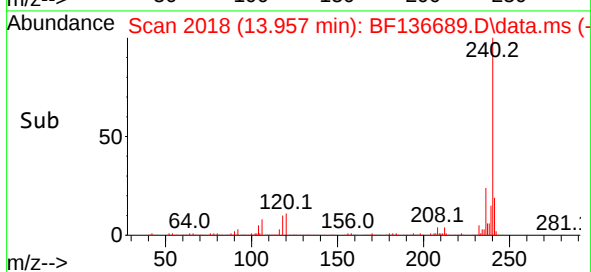
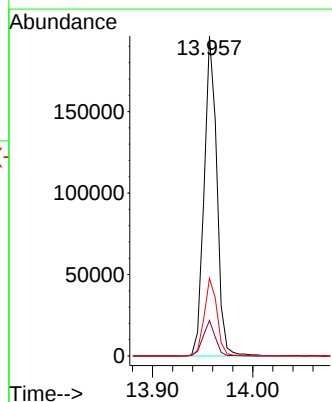
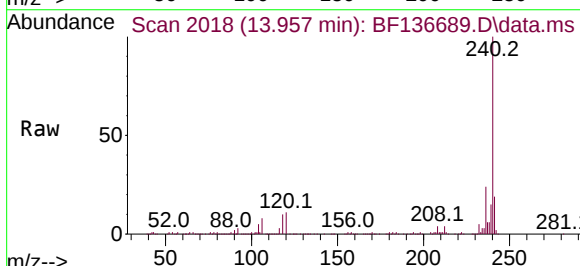
Instrument :
BNA_F
ClientSampleId :
PB157810BL

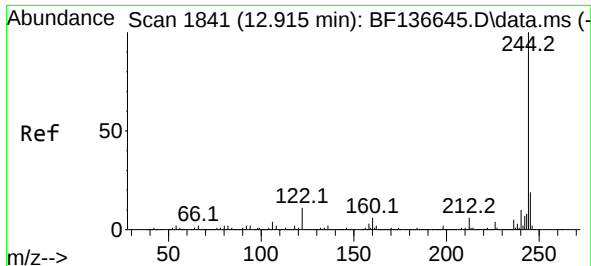
Tgt Ion:248 Resp: 12842
Ion Ratio Lower Upper
248 100
250 196.0 77.8 116.6#
141 530.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136689.D
Acq: 22 Dec 2023 17:01

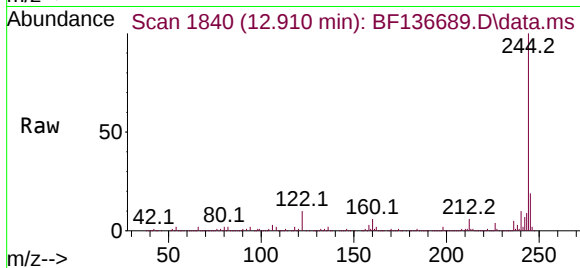
Tgt Ion:240 Resp: 173961
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 24.2 19.4 29.2



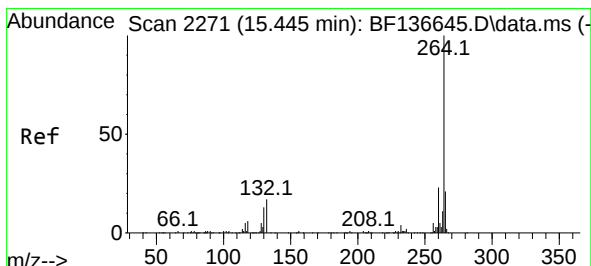
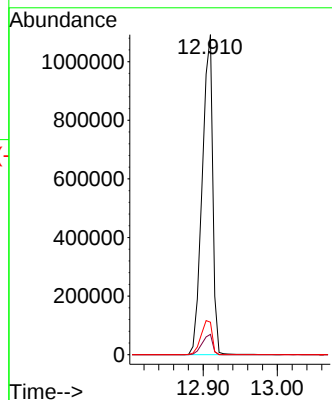
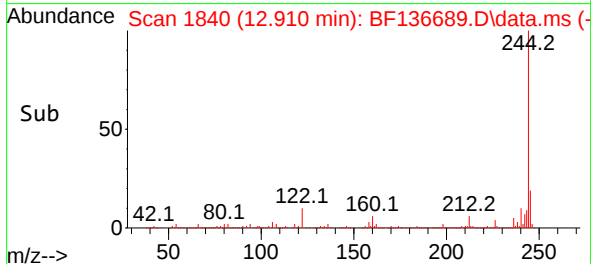


#79
 Terphenyl-d14
 Concen: 86.071 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136689.D
 Acq: 22 Dec 2023 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB157810BL



Tgt Ion:244 Resp: 1071438
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF136689.D
 Acq: 22 Dec 2023 17:01

Tgt Ion:264 Resp: 152349
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.3 27.5
 265 21.6 17.0 25.6

