

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136844.D
 Acq On : 29 Dec 2023 23:39
 Operator : CG\JU
 Sample : 05975-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS01-GW-122023

Quant Time: Dec 30 03:09:13 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)

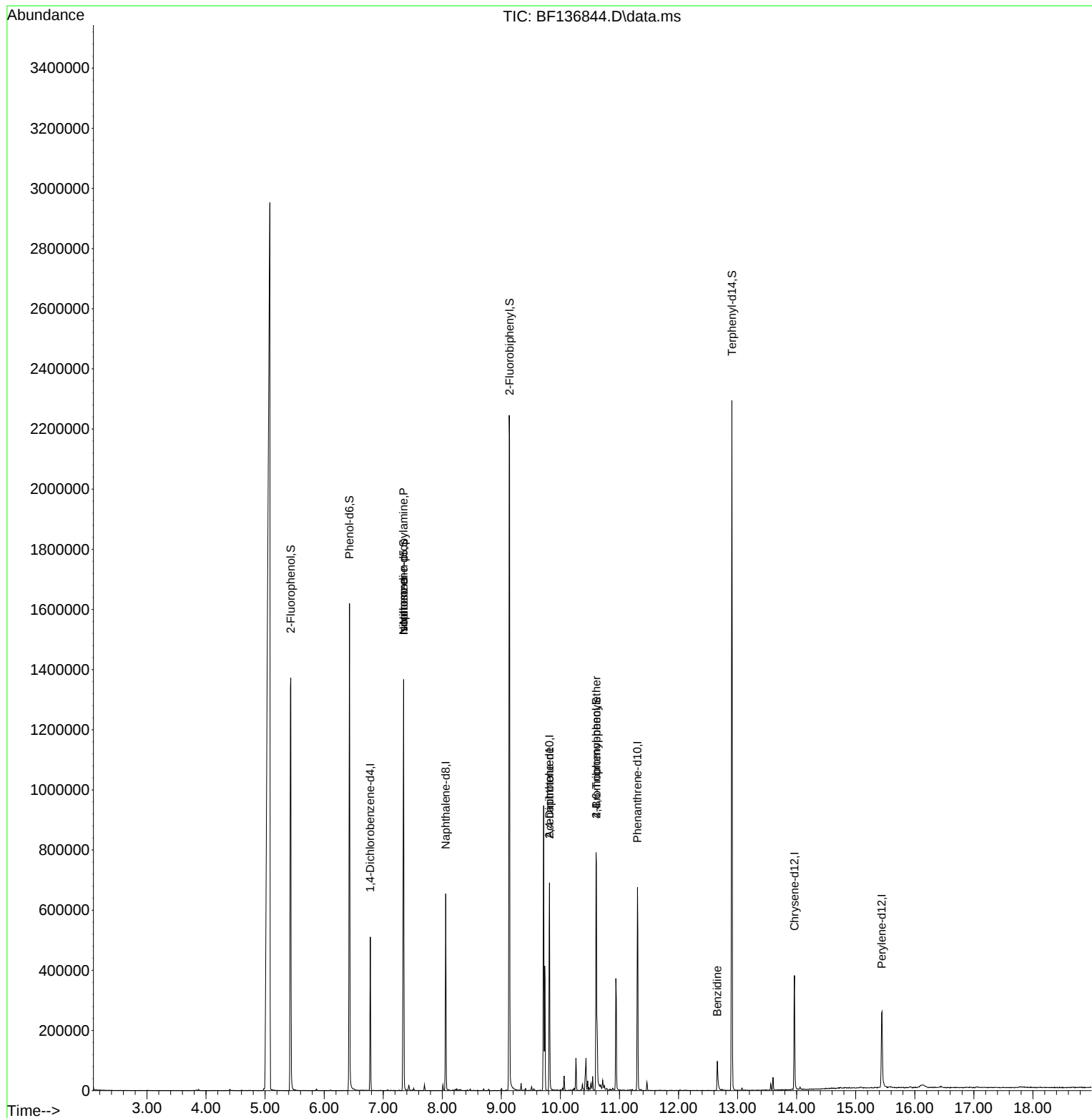
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67661	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	266066	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137323	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	250817	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140178	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	139006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	393901	90.835	ng	0.00
7) Phenol-d6	6.428	99	513420	91.372	ng	-0.01
23) Nitrobenzene-d5	7.345	82	393993	75.775	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	107455	66.442	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	783905	76.778	ng	-0.01
79) Terphenyl-d14	12.904	244	816442	81.393	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	51327	15.069	ng	# 76
25) Isophorone	7.345	82	393983	41.642	ng	# 66
57) 2,4-Dinitrotoluene	9.816	165	17358	5.874	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	6592	2.367	ng	# 1
77) Benzidine	12.657	184	55319	13.384	ng	99

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

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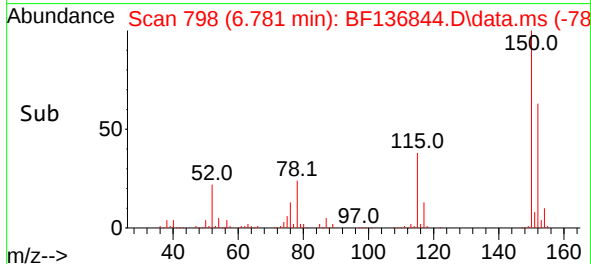
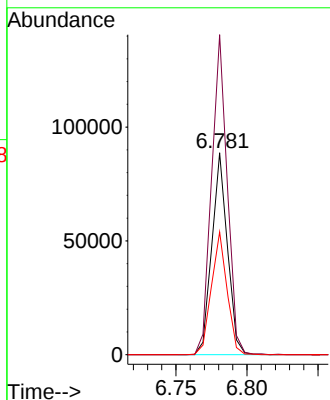
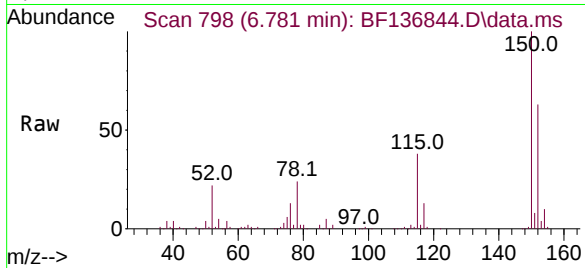




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

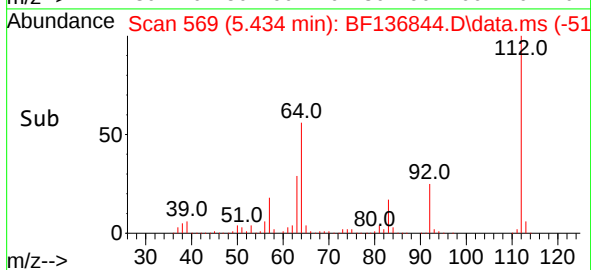
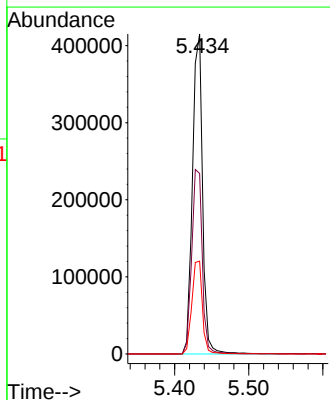
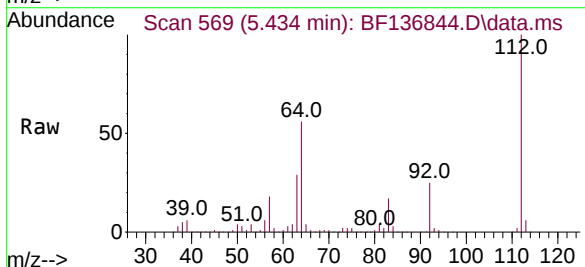
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

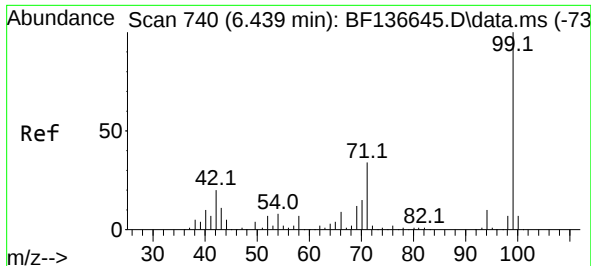
Tgt Ion:152 Resp: 67661
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 90.835 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:112 Resp: 393901
Ion Ratio Lower Upper
112 100
64 56.4 51.1 76.7
63 29.0 26.1 39.1

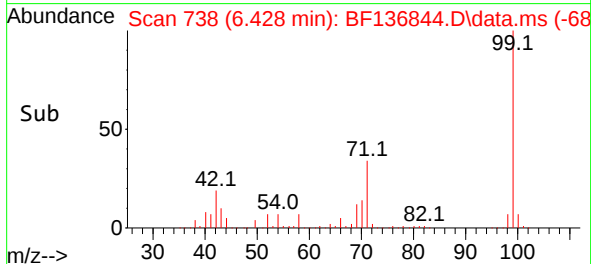
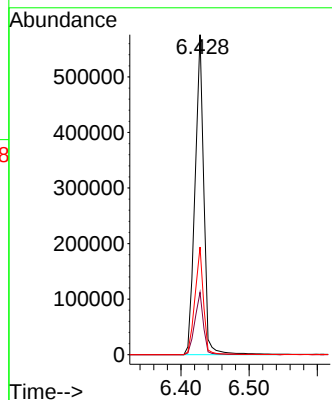
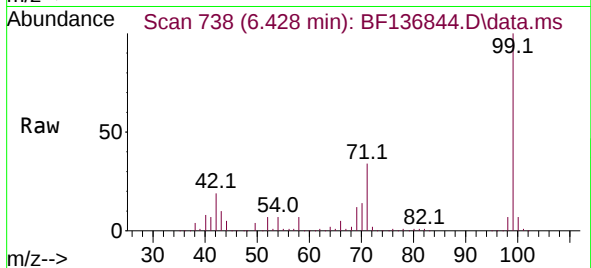




#7
Phenol-d6
Concen: 91.372 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

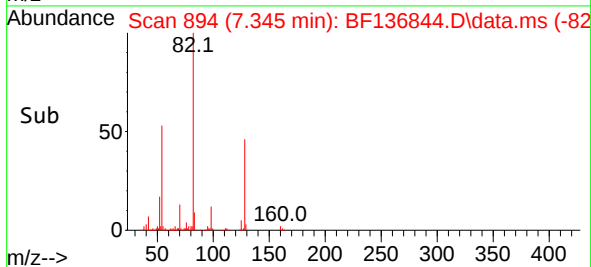
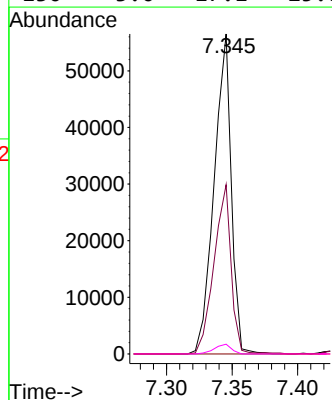
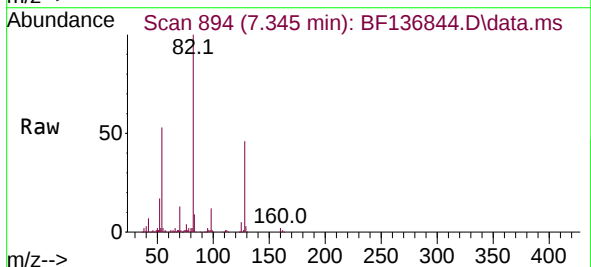
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

Tgt Ion: 99 Resp: 513420
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.069 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion: 70 Resp: 51327
Ion Ratio Lower Upper
70 100
42 52.9 54.2 81.4#
101 0.0 7.6 11.4#
130 3.0 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: BF136844.D

Acq: 29 Dec 2023 23:39

Instrument :

BNA_F

ClientSampleId :

DS01-GW-122023

Tgt Ion:136 Resp: 266066

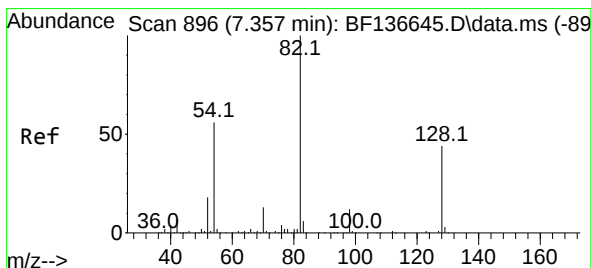
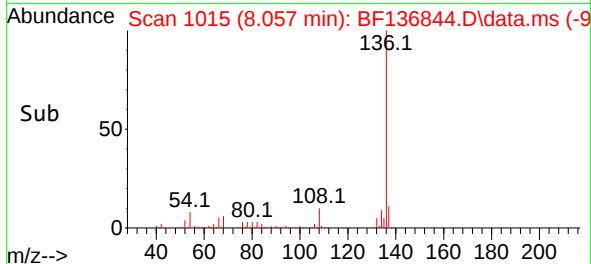
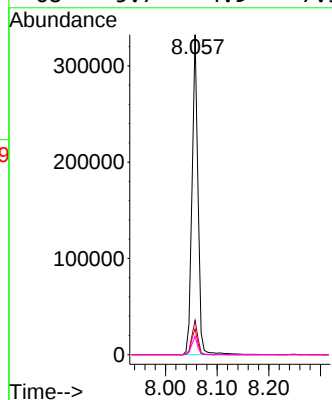
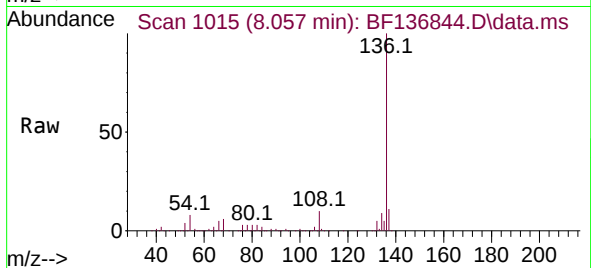
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.0 7.2 10.8

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 75.775 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136844.D

Acq: 29 Dec 2023 23:39

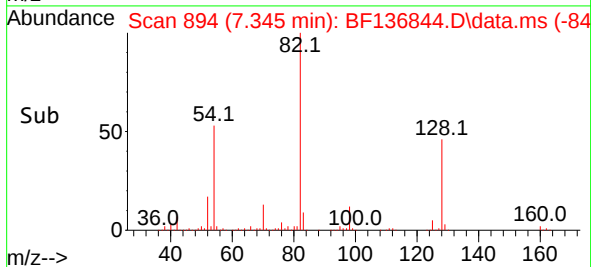
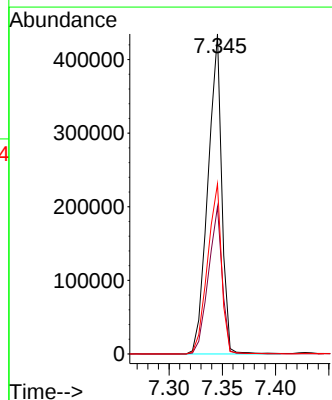
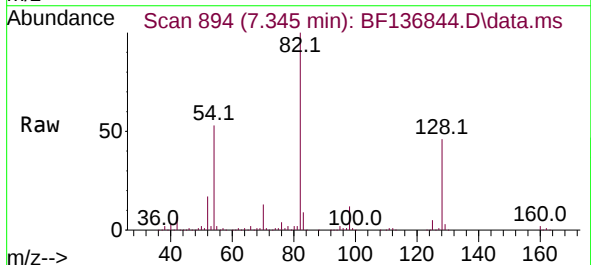
Tgt Ion: 82 Resp: 393993

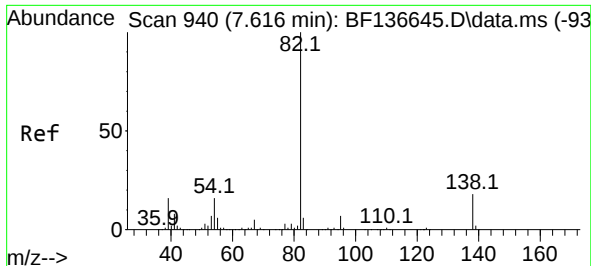
Ion Ratio Lower Upper

82 100

128 46.0 35.3 52.9

54 53.1 44.5 66.7

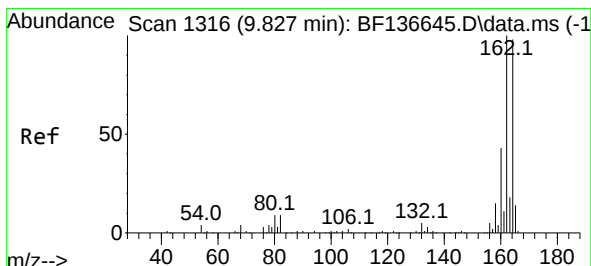
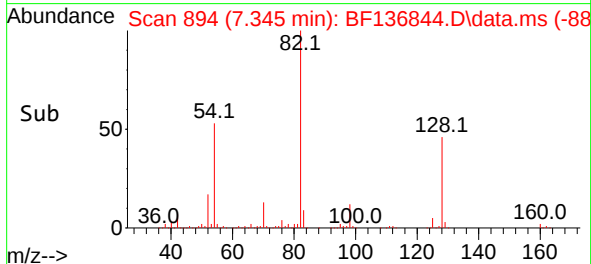
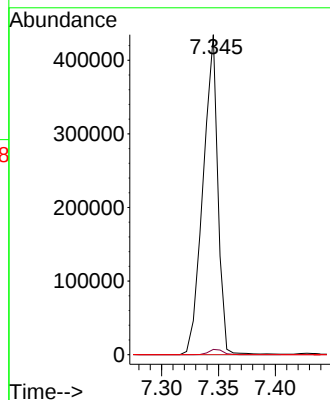
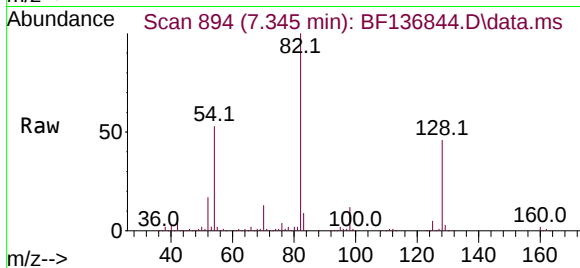




#25
Isophorone
Concen: 41.642 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

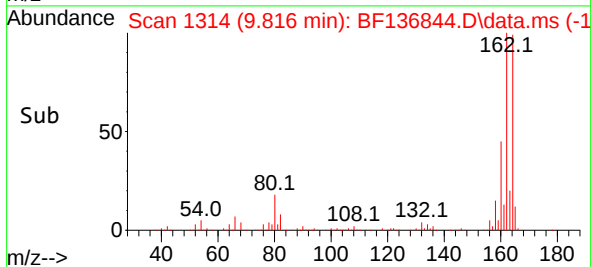
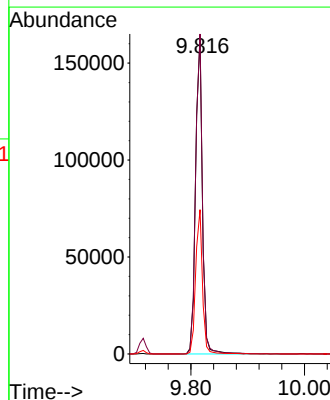
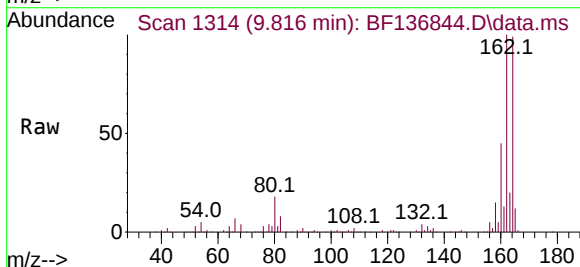
Instrument :
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DS01-GW-122023

Tgt Ion: 82 Resp: 393983
Ion Ratio Lower Upper
82 100
95 1.6 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: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:164 Resp: 137323
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 45.6 34.9 52.3

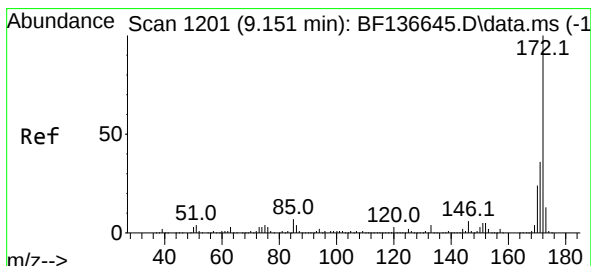
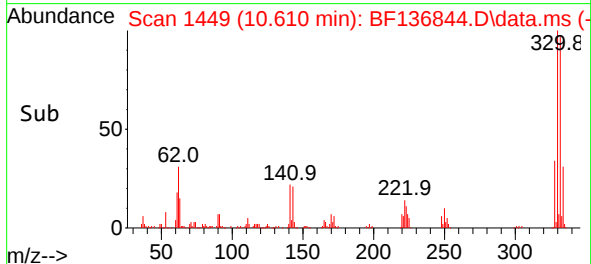
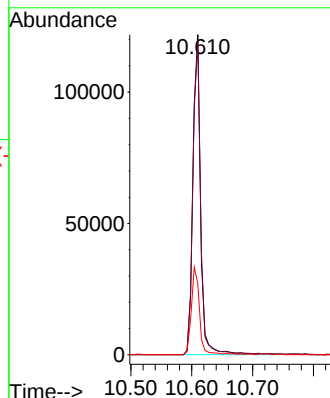
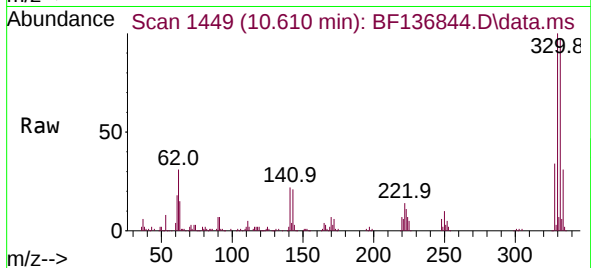




#42
2,4,6-Tribromophenol
Concen: 66.442 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

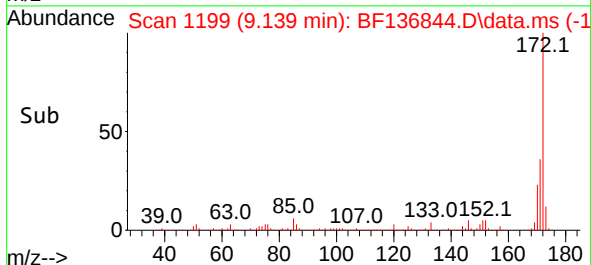
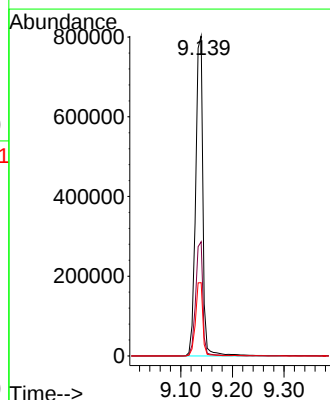
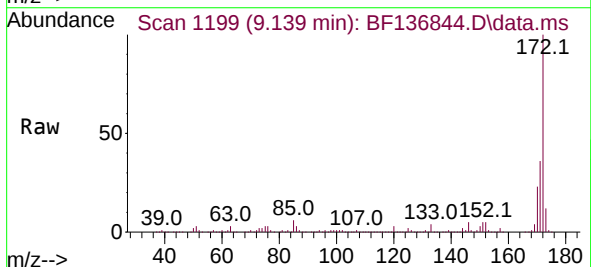
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ClientSampleId :
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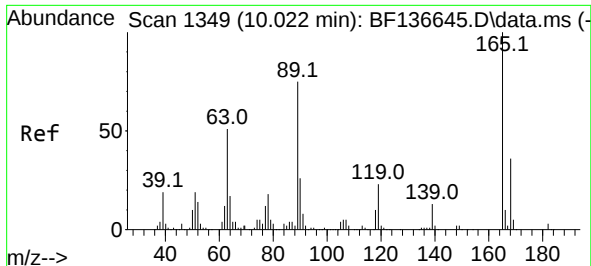
Tgt Ion:330 Resp: 107455
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 28.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.778 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:172 Resp: 783905
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 22.9 19.0 28.4

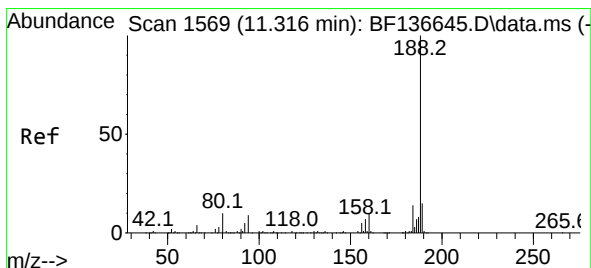
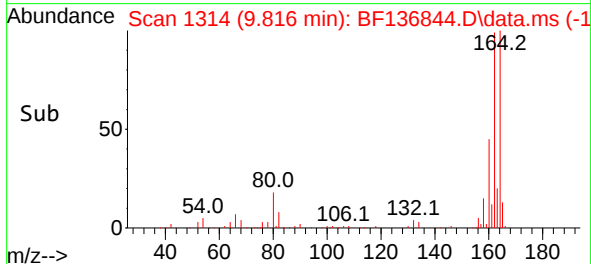
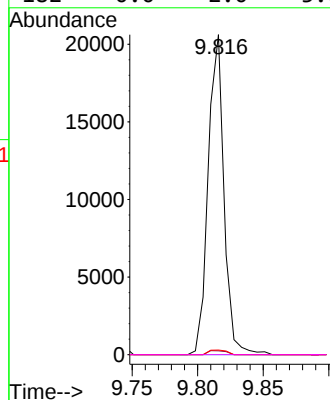
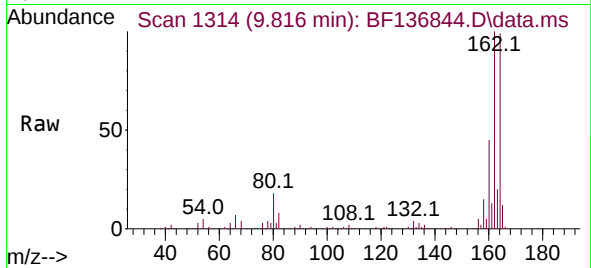




#57
2,4-Dinitrotoluene
Concen: 5.874 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

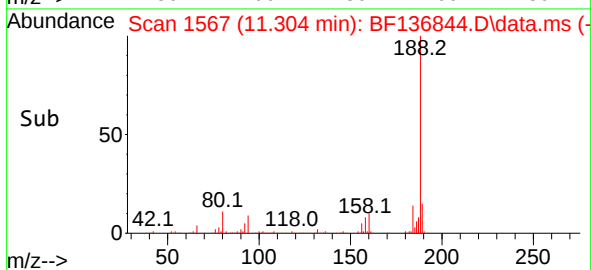
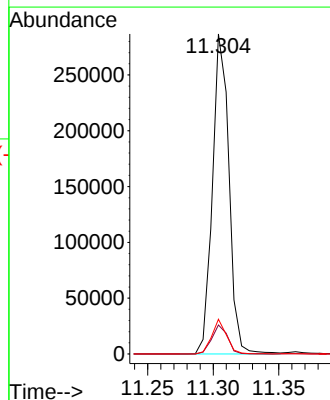
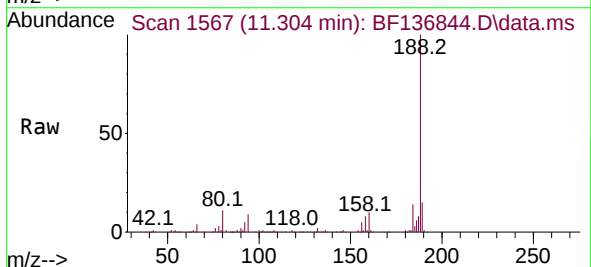
Instrument :
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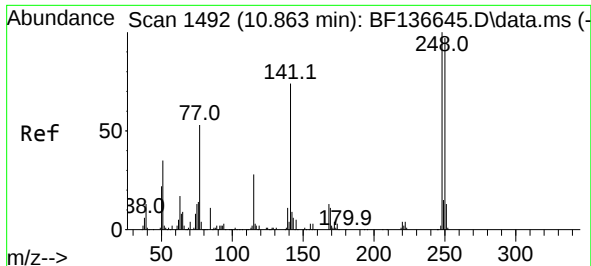
Tgt Ion:165 Resp: 17358
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:188 Resp: 250817
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.9 8.1 12.1

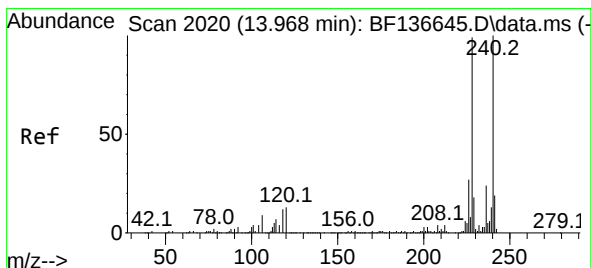
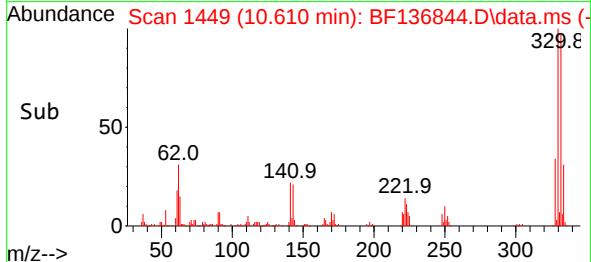
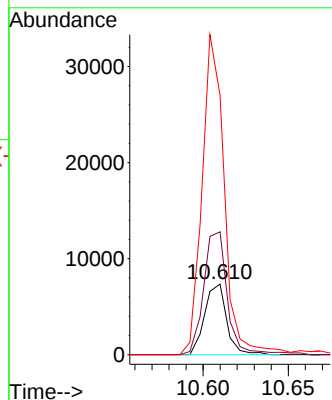
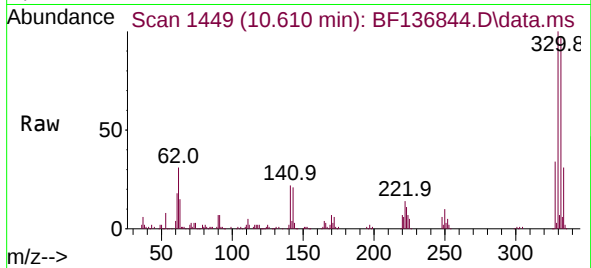




#67
4-Bromophenyl-phenylether
Concen: 2.367 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

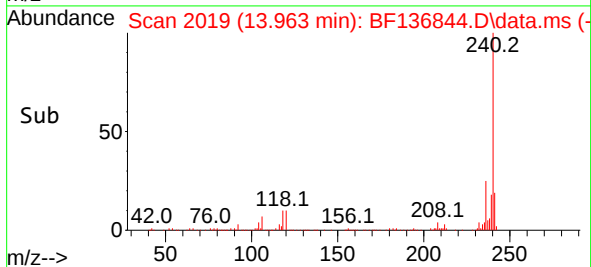
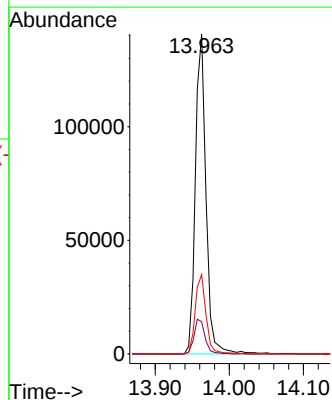
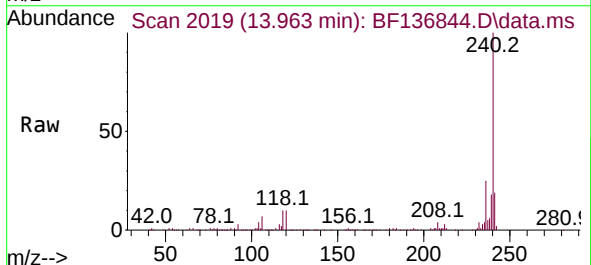
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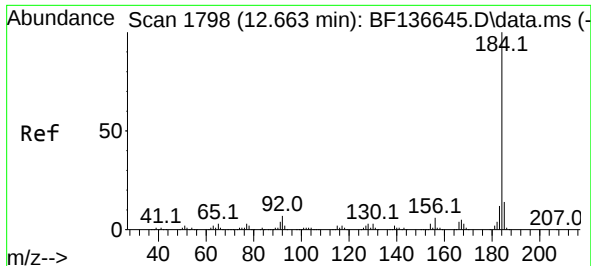
Tgt Ion:248 Resp: 6592
Ion Ratio Lower Upper
248 100
250 174.2 77.8 116.6#
141 367.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:240 Resp: 140178
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 24.8 19.4 29.2

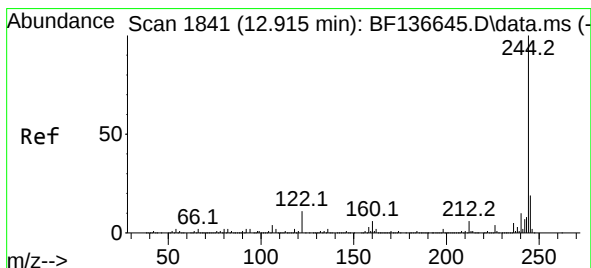
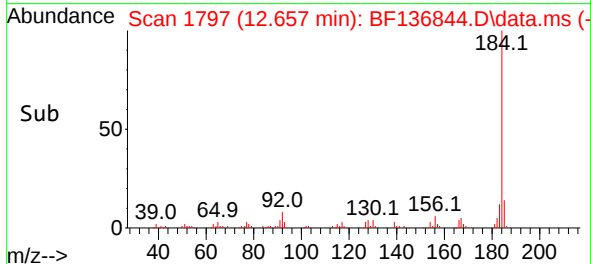
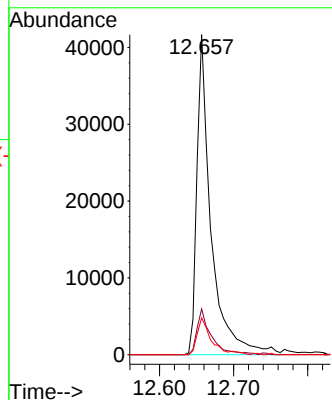
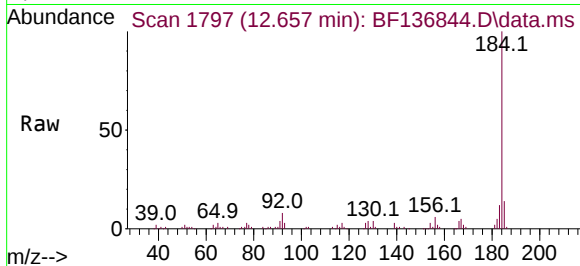




#77
Benzidine
Concen: 13.384 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

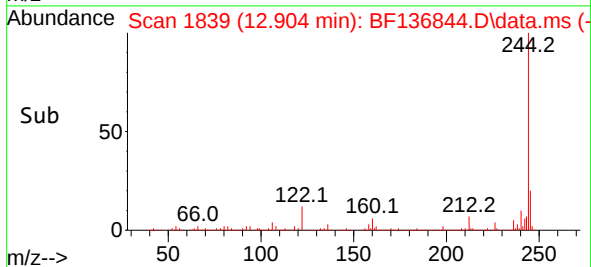
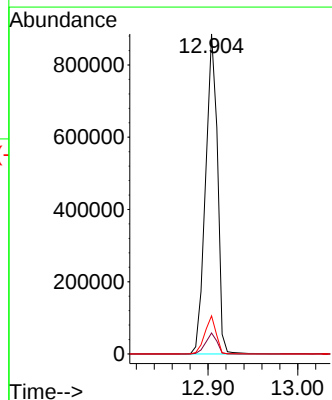
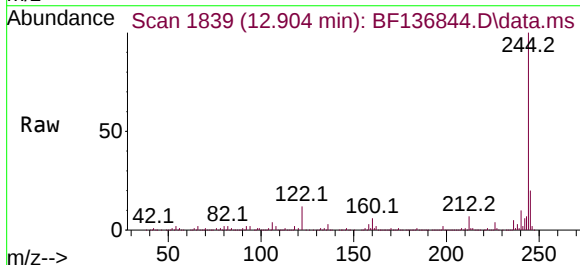
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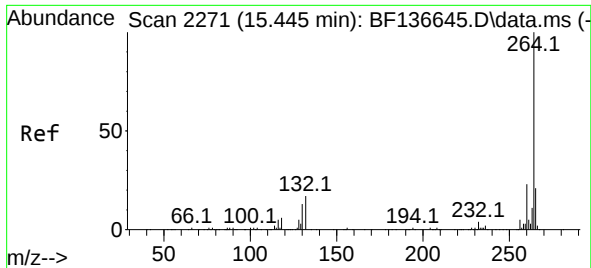
Tgt Ion:184 Resp: 55319
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.5 9.3 13.9



#79
Terphenyl-d14
Concen: 81.393 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

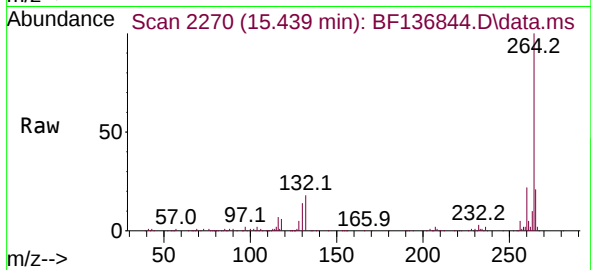
Tgt Ion:244 Resp: 816442
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.9 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023



Tgt Ion:264 Resp: 139006
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 21.5 17.0 25.6

