

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136602.D
 Acq On : 15 Dec 2023 20:07
 Operator : CG\JU
 Sample : 05803-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600572408-

Quant Time: Dec 16 02:06:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

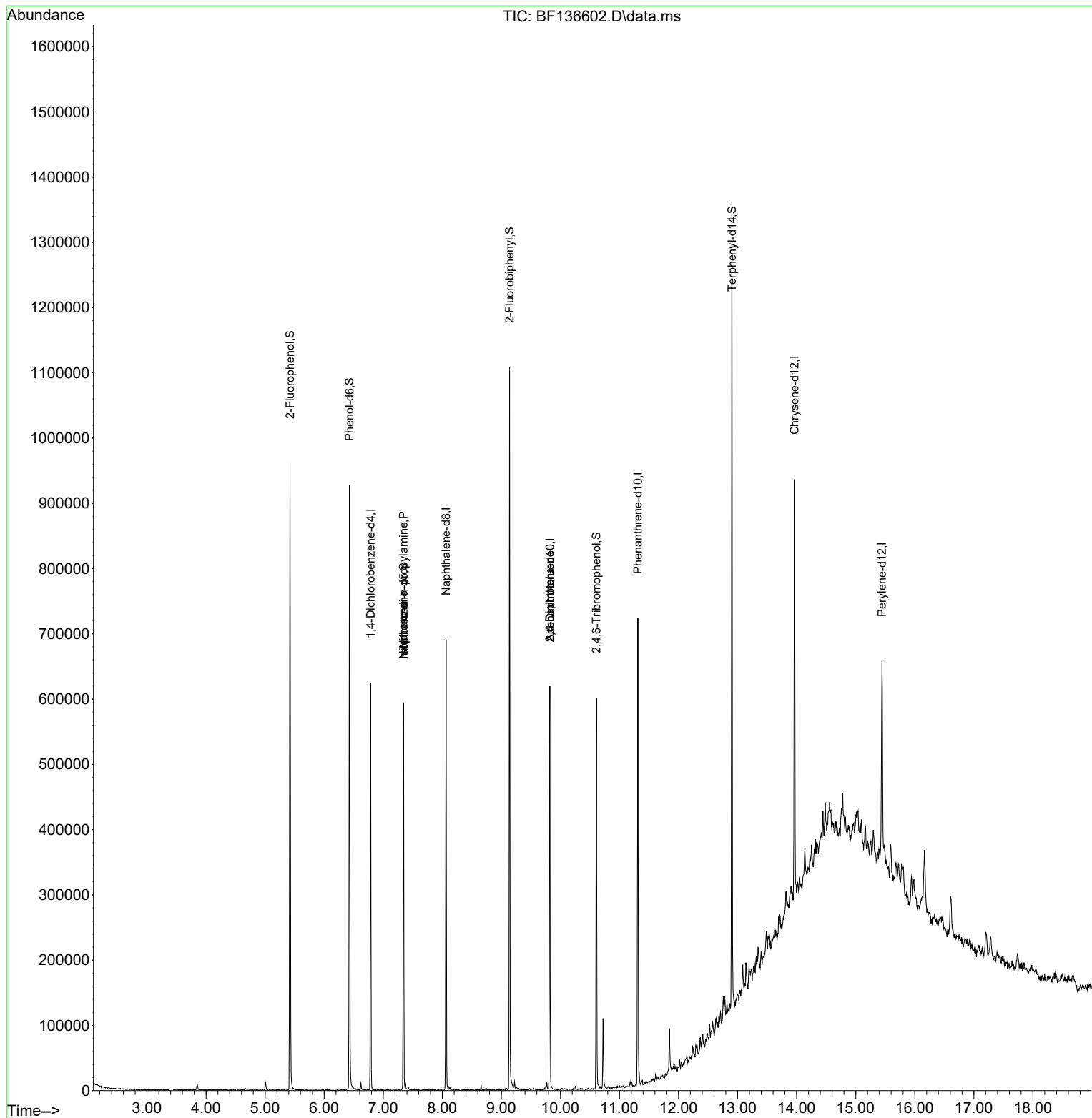
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81849	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	275548	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121816	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	238761	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212601	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	152486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	258055	46.562	ng	0.00
7) Phenol-d6	6.428	99	289692	41.895	ng	0.00
23) Nitrobenzene-d5	7.345	82	168556	33.069	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	72343	48.164	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	304452	34.103	ng	0.00
79) Terphenyl-d14	12.904	244	398237	24.689	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	326	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	21261	5.330	ng	# 75
25) Isophorone	7.345	82	168553	18.406	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	15984	7.922	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	15984	5.988	ng	# 27
77) Benzidine	12.651	184	543	Below Cal	#	1

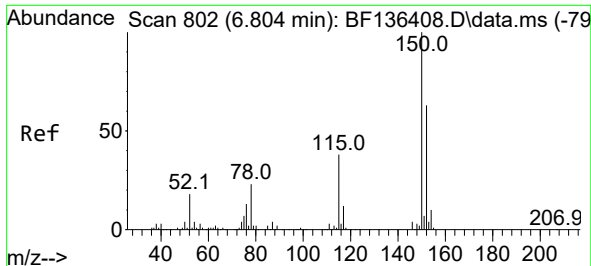
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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QLast Update : Fri Dec 15 00:33:23 2023
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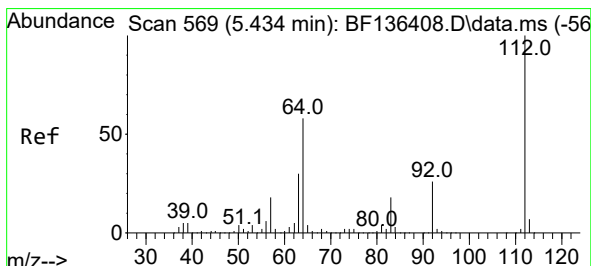
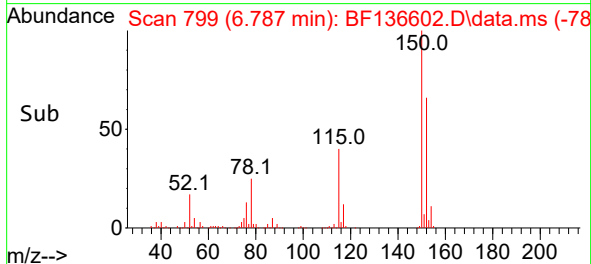
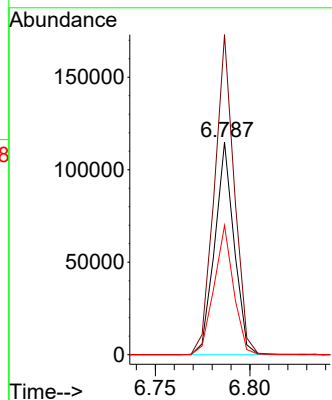
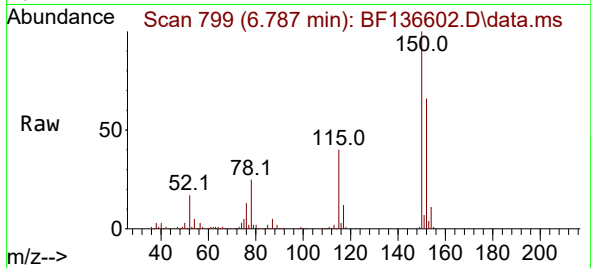




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

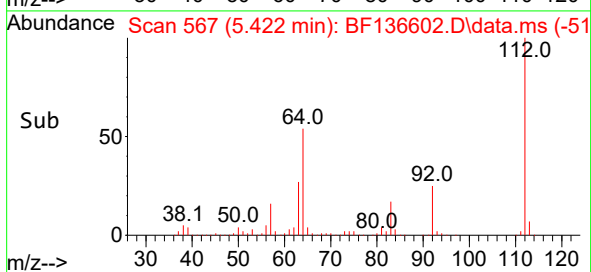
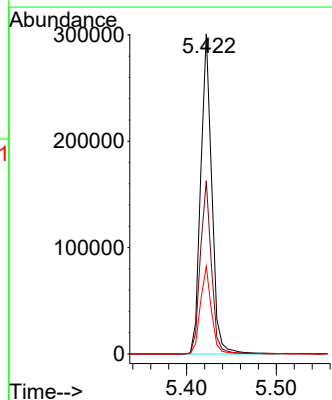
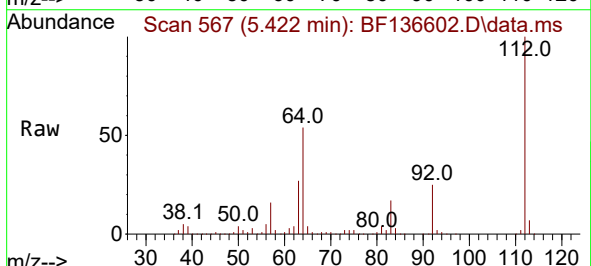
Instrument :
BNA_F
ClientSampleId :
600572408-

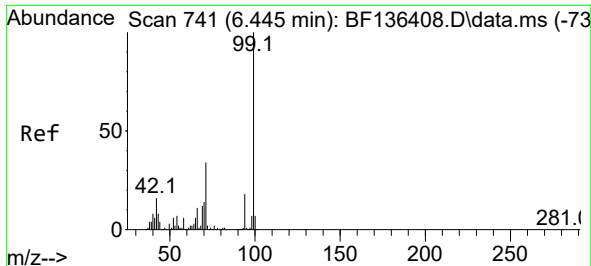
Tgt Ion:152 Resp: 81849
Ion Ratio Lower Upper
152 100
150 150.4 126.4 189.6
115 60.8 48.2 72.4



#5
2-Fluorophenol
Concen: 46.562 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion:112 Resp: 258055
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 27.4 23.9 35.9

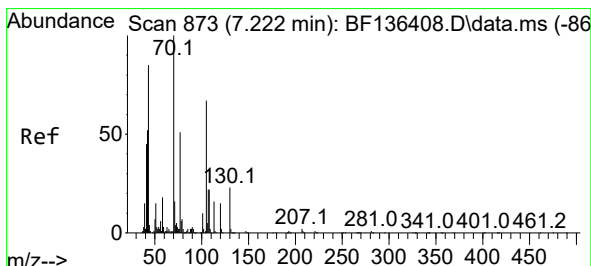
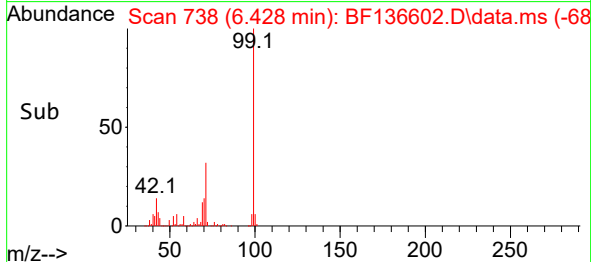
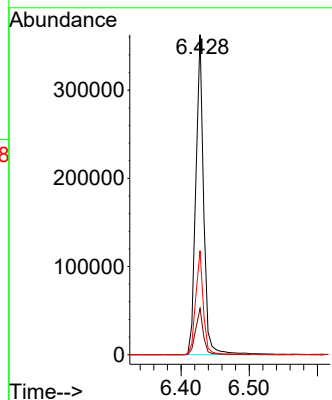
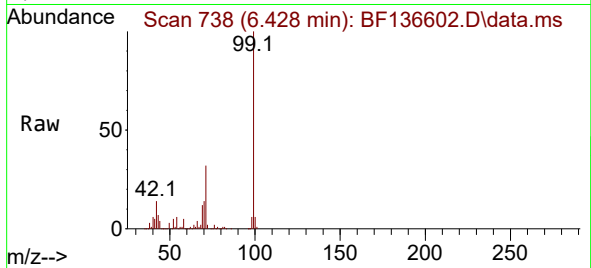




#7
Phenol-d6
Concen: 41.895 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

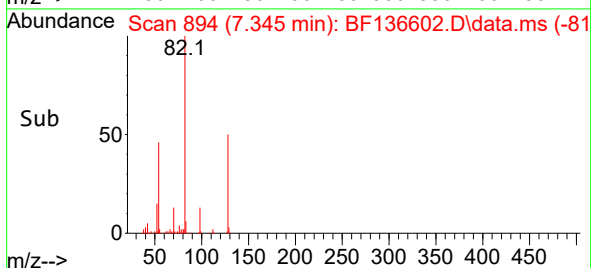
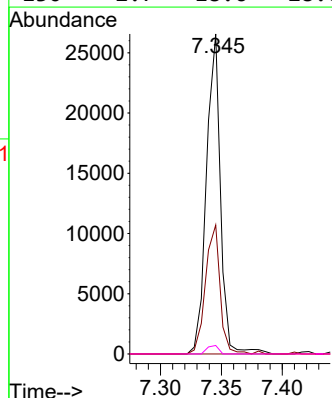
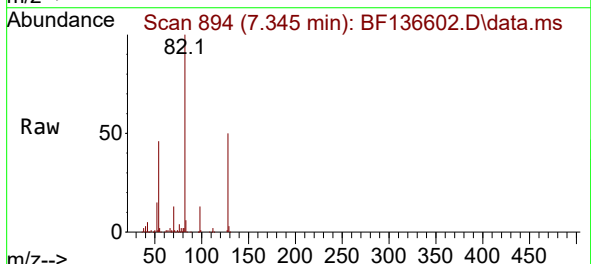
Instrument :
BNA_F
ClientSampleId :
600572408-

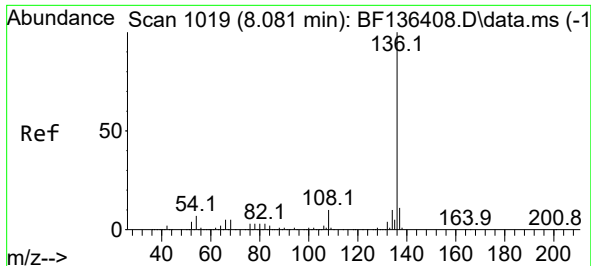
Tgt Ion: 99 Resp: 289692
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.5 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.330 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion: 70 Resp: 21261
Ion Ratio Lower Upper
70 100
42 40.3 41.4 62.0#
101 0.0 8.2 12.4#
130 2.7 18.6 28.0#



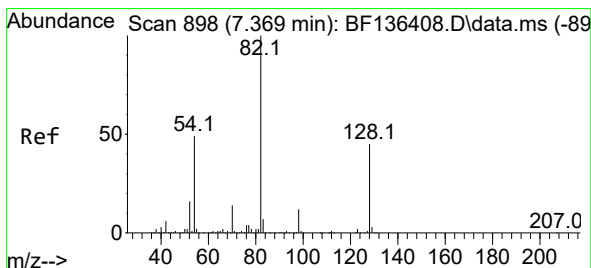
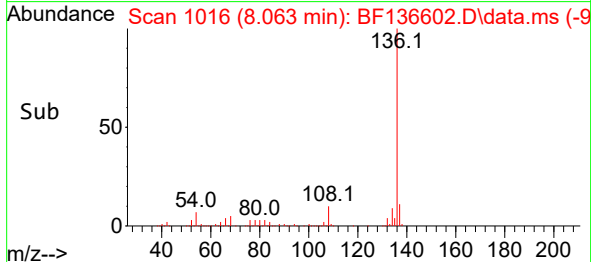
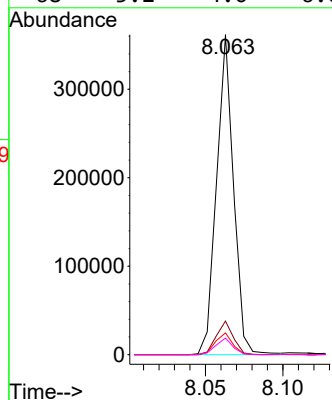
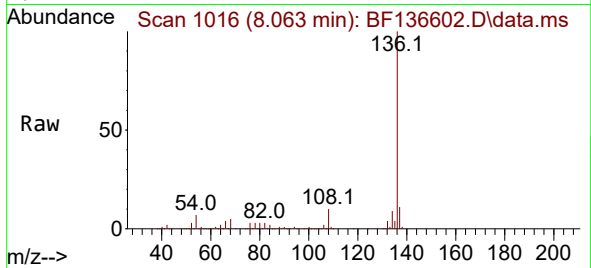


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Instrument :
BNA_F
ClientSampleId :
600572408-

Tgt Ion:136 Resp: 275548

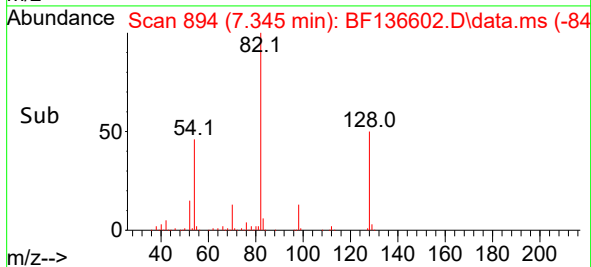
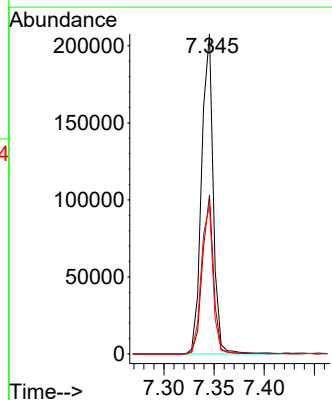
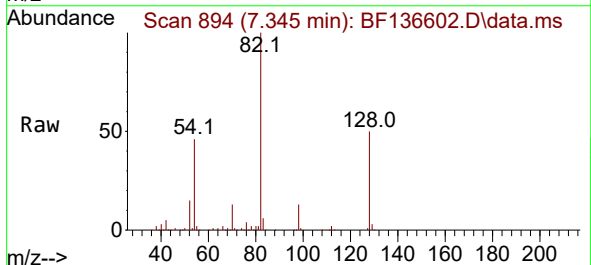
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.8	5.7	8.5
68	5.2	4.0	6.0

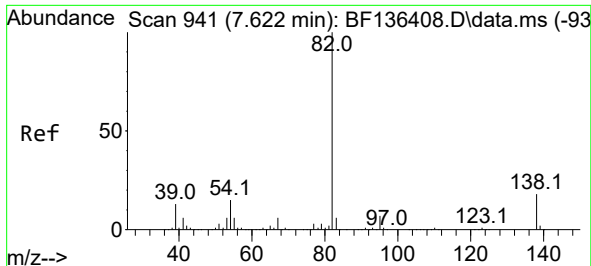


#23
Nitrobenzene-d5
Concen: 33.069 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion: 82 Resp: 168556

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.3	54.5
54	46.4	39.0	58.6

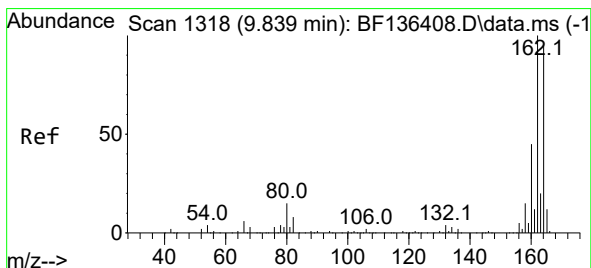
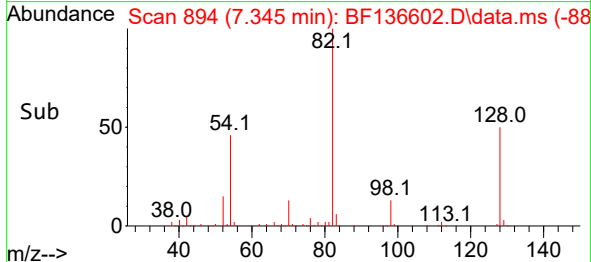
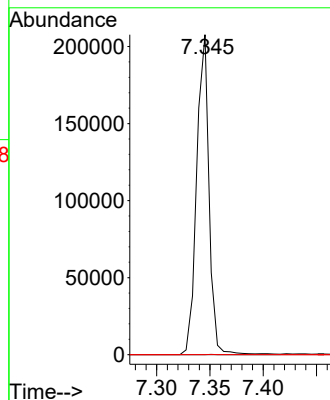
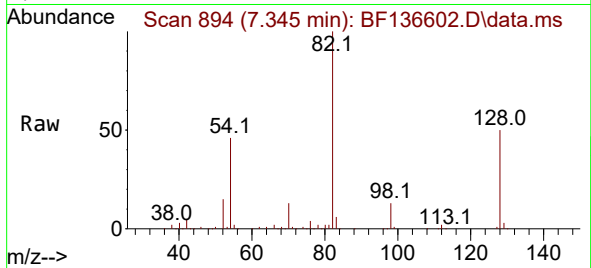




#25
Isophorone
Concen: 18.406 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

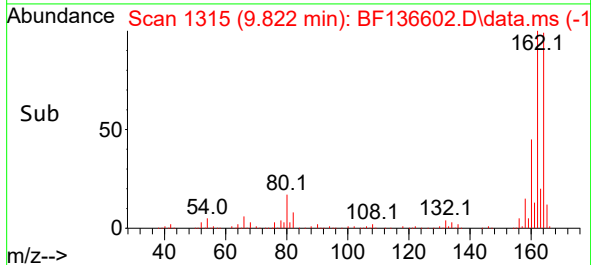
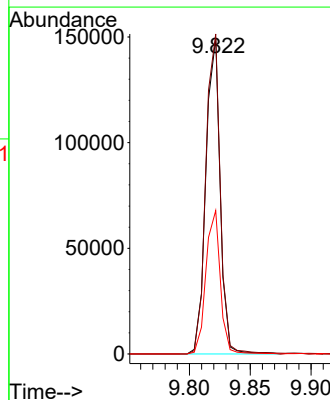
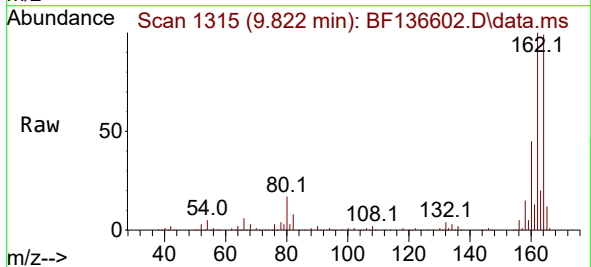
Instrument :
BNA_F
ClientSampleId :
600572408-

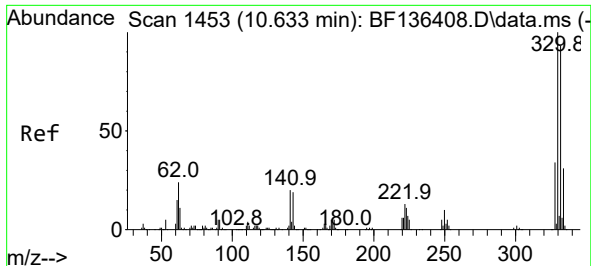
Tgt Ion: 82 Resp: 168553
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion:164 Resp: 121816
Ion Ratio Lower Upper
164 100
162 101.3 84.4 126.6
160 45.4 37.6 56.4

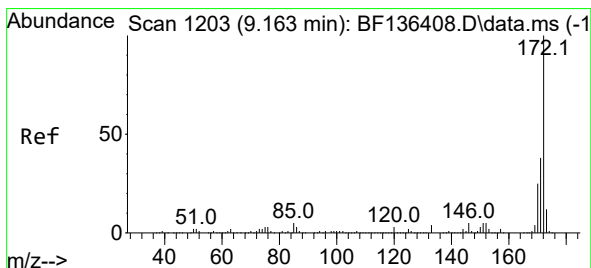
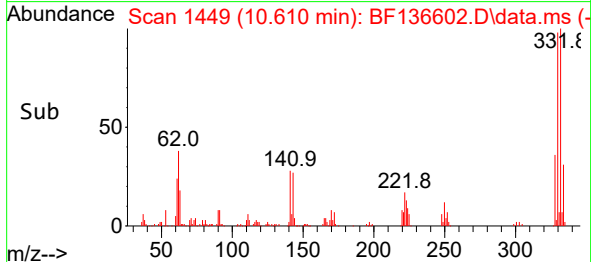
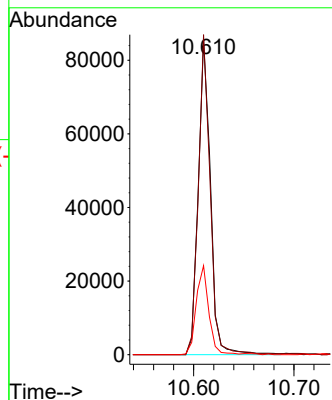
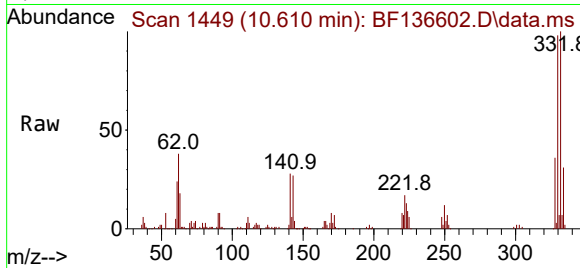




#42
 2,4,6-Tribromophenol
 Concen: 48.164 ng
 RT: 10.610 min Scan# 1453
 Delta R.T. -0.012 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

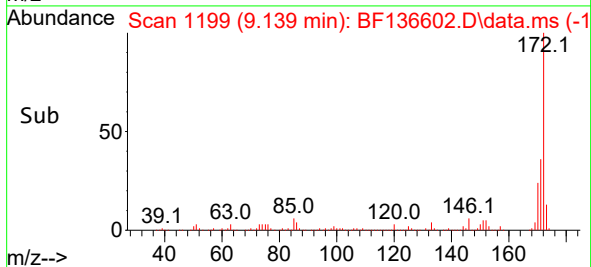
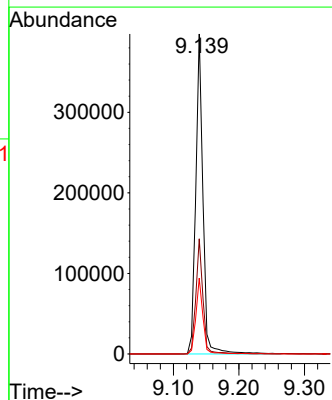
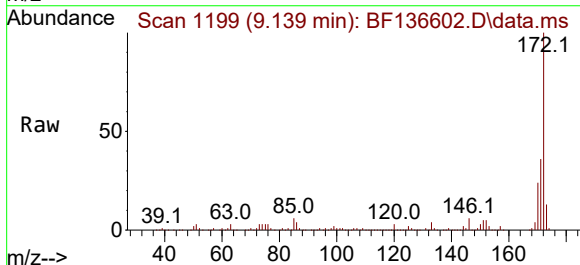
Instrument :
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 ClientSampleId :
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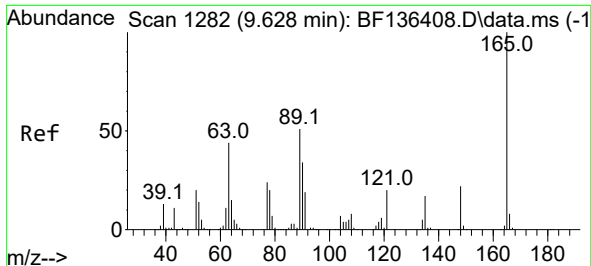
Tgt Ion: 330 Resp: 72343
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.4 114.6
 141 29.4 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 34.103 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

Tgt Ion: 172 Resp: 304452
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.7 19.9 29.9

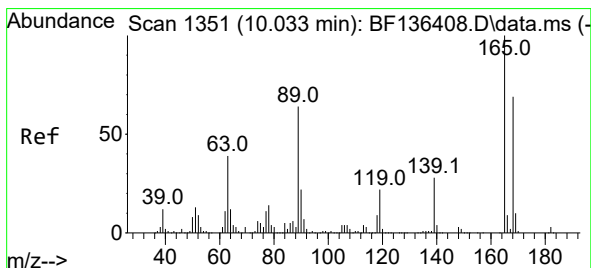
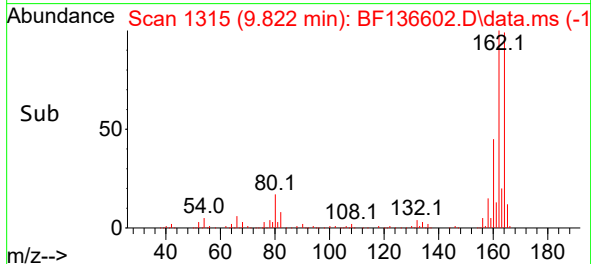
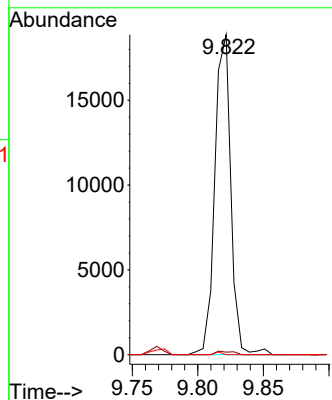
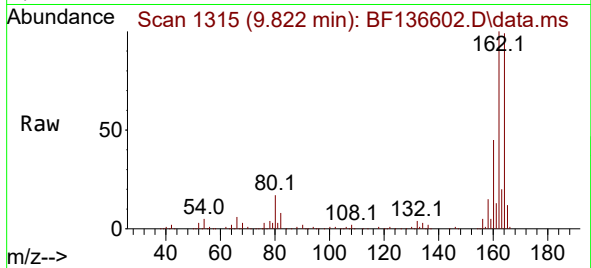




#51
2,6-Dinitrotoluene
Concen: 7.922 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

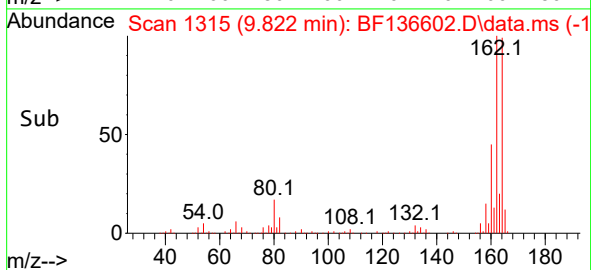
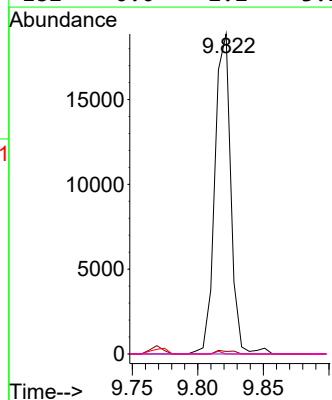
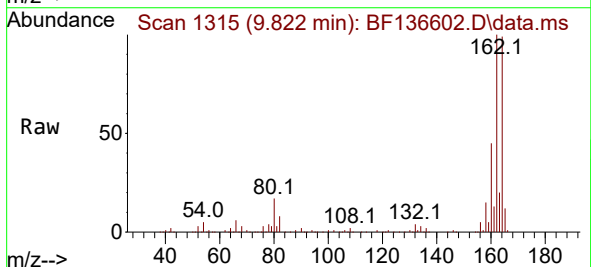
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BNA_F
ClientSampleId :
600572408-

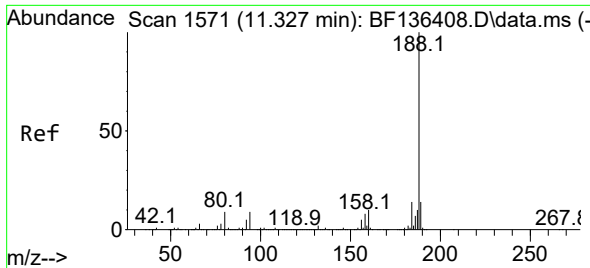
Tgt Ion:165 Resp: 15984
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion:165 Resp: 15984
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 0.0 51.7 77.5#
182 0.0 2.2 3.2#

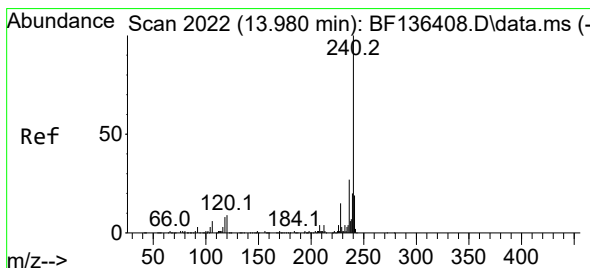
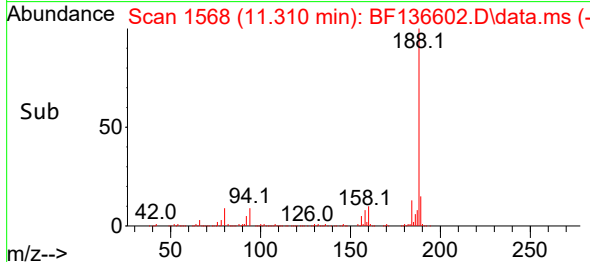
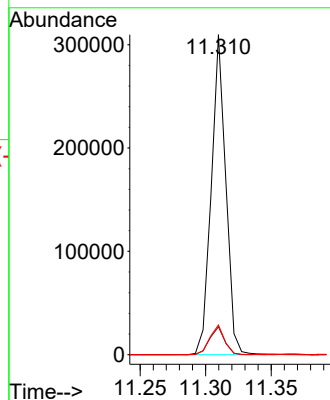
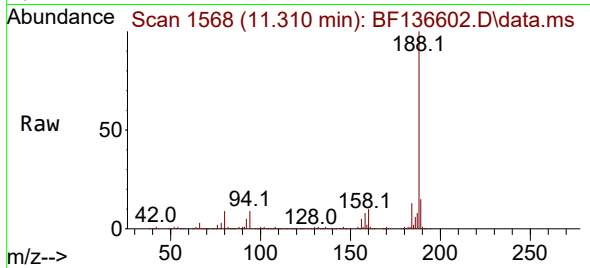




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

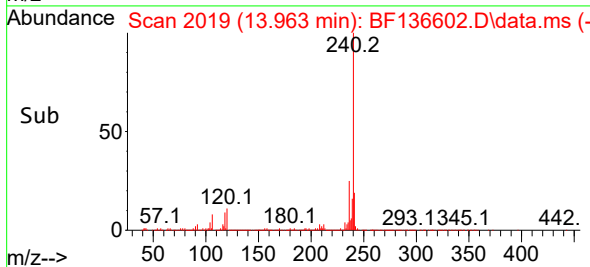
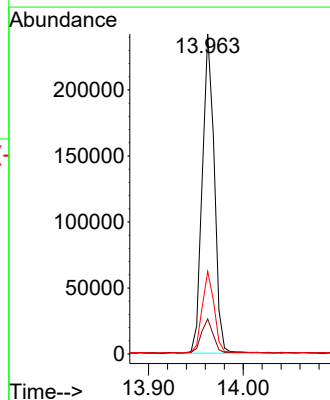
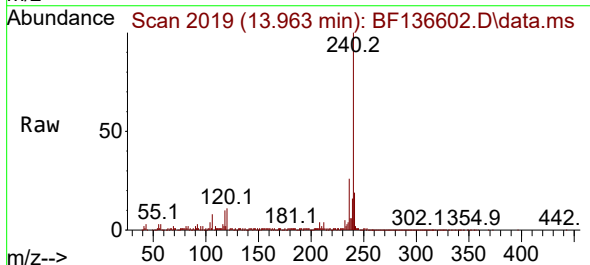
Instrument :
BNA_F
ClientSampleId :
600572408-

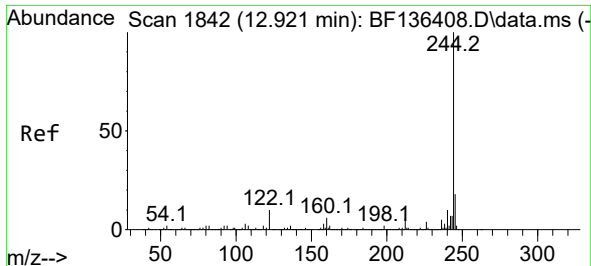
Tgt Ion:188 Resp: 238761
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion:240 Resp: 212601
Ion Ratio Lower Upper
240 100
120 11.0 7.3 10.9#
236 25.8 21.3 31.9

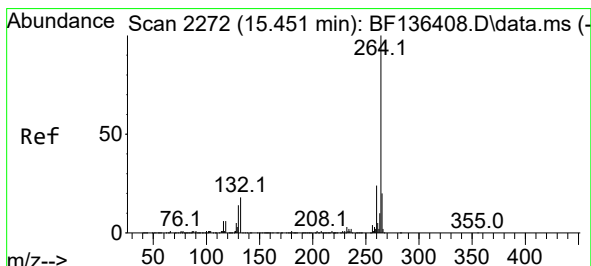
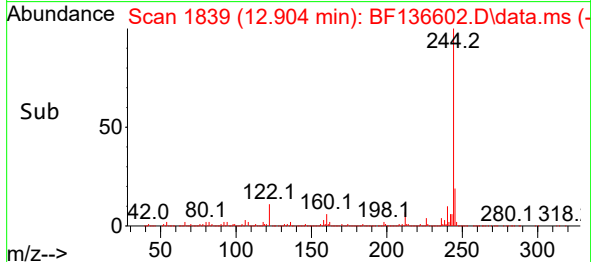
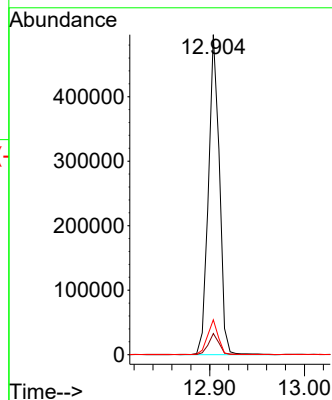
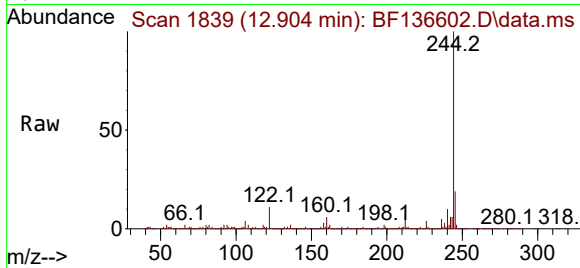




#79
 Terphenyl-d14
 Concen: 24.689 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

Instrument :
 BNA_F
 ClientSampleId :
 600572408-

Tgt Ion:244 Resp: 398237
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

Tgt Ion:264 Resp: 152486
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 15.9 23.9

