

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135902.D
 Acq On : 19 Oct 2023 23:25
 Operator : CG\JU
 Sample : 04685-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

Quant Time: Oct 20 02:07:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

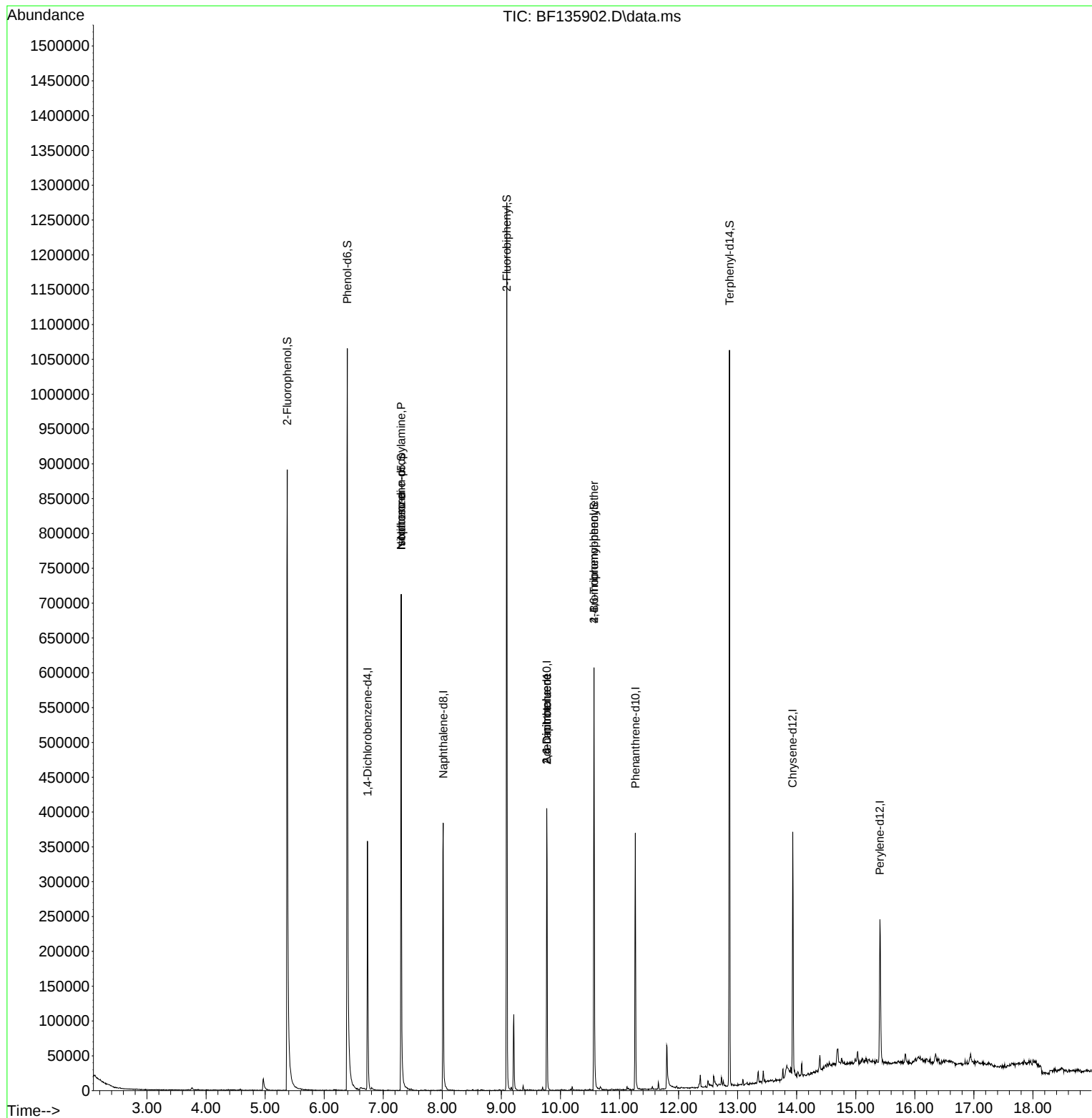
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	50877	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	179584	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	77836	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	138164	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	113062	20.000	ng	-0.02
86) Perylene-d12	15.409	264	95579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	300566	94.981	ng	0.00
7) Phenol-d6	6.392	99	386013	97.764	ng	0.00
23) Nitrobenzene-d5	7.304	82	211633	64.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	68536	91.761	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	352477	70.803	ng	-0.01
79) Terphenyl-d14	12.863	244	331220	54.253	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	27085	11.094	ng	# 73
25) Isophorone	7.304	82	211633	34.356	ng	# 66
51) 2,6-Dinitrotoluene	9.769	165	10135	8.969	ng	# 14
57) 2,4-Dinitrotoluene	9.769	165	10135	7.050	ng	# 22
67) 4-Bromophenyl-phenylether	10.569	248	4323	3.117	ng	# 1

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

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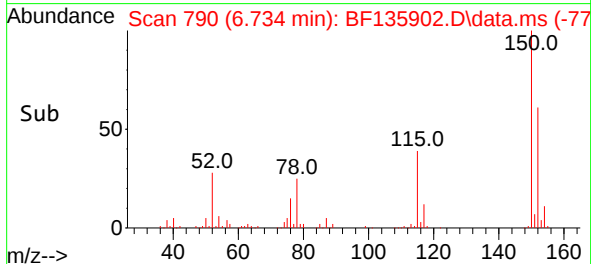
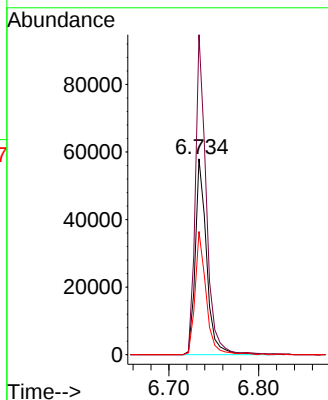
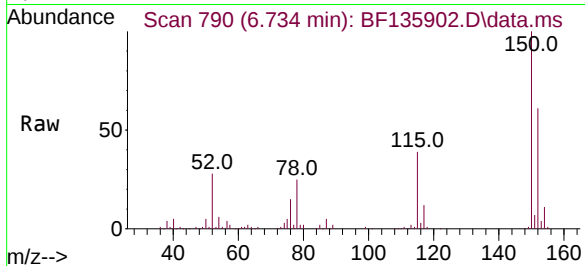




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

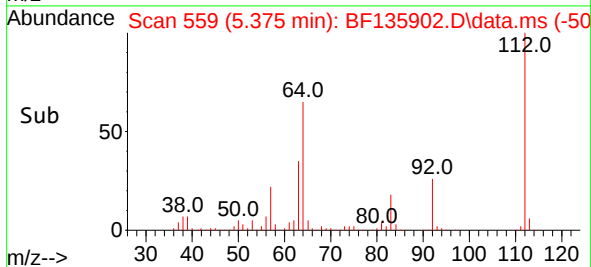
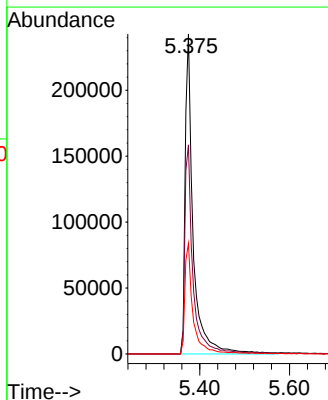
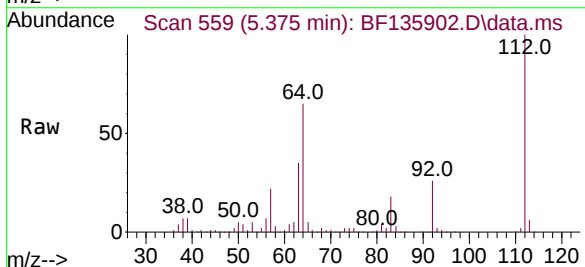
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

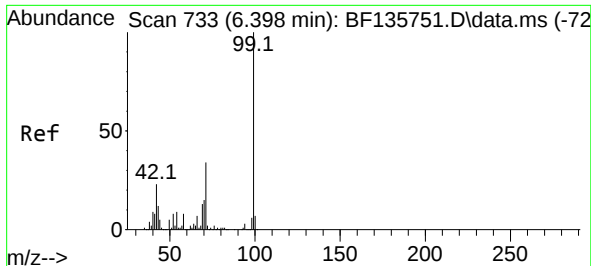
Tgt Ion:152 Resp: 50877
 Ion Ratio Lower Upper
 152 100
 150 163.5 124.5 186.7
 115 62.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 94.981 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

Tgt Ion:112 Resp: 300566
 Ion Ratio Lower Upper
 112 100
 64 65.4 51.2 76.8
 63 34.5 26.1 39.1

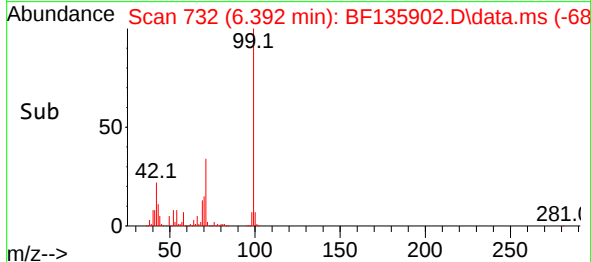
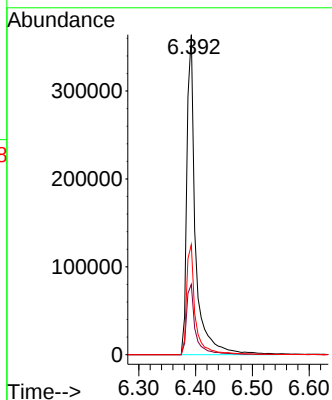
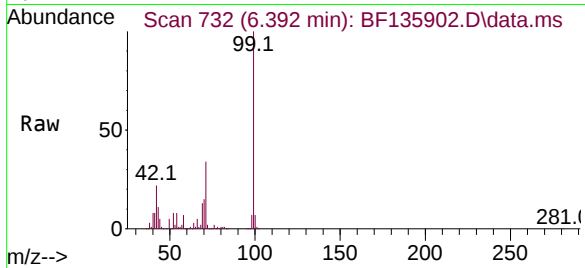




#7
Phenol-d6
Concen: 97.764 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

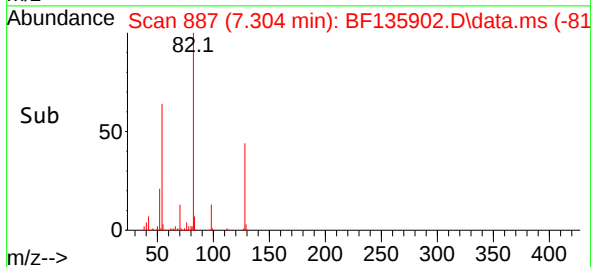
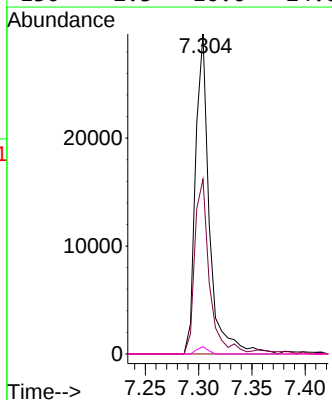
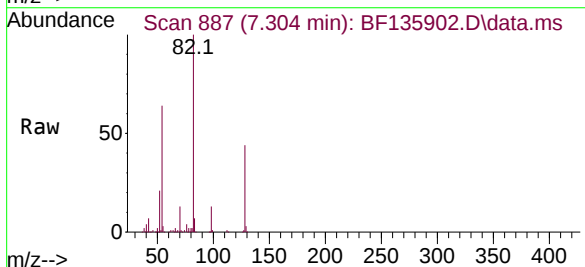
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

Tgt Ion: 99 Resp: 386013
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 34.3 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.094 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion: 70 Resp: 27085
Ion Ratio Lower Upper
70 100
42 54.6 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#

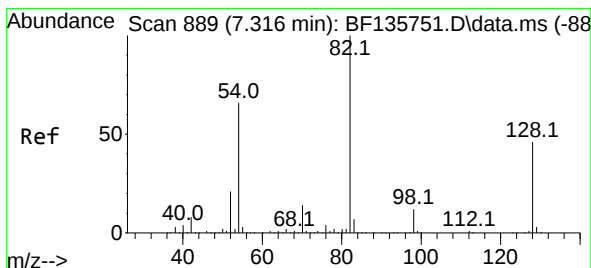
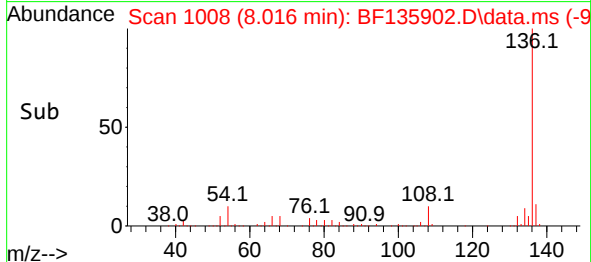
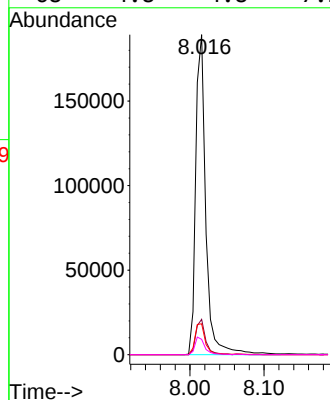
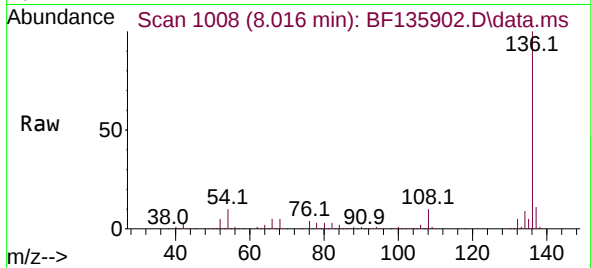




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

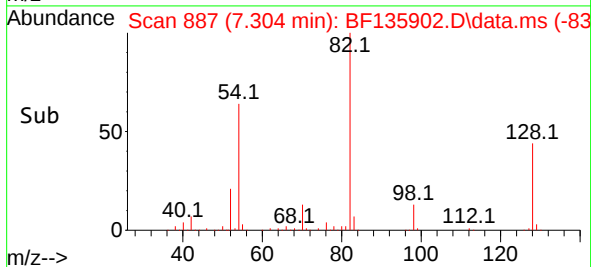
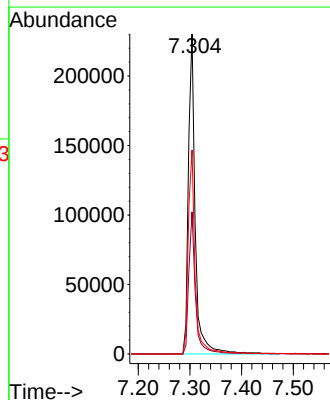
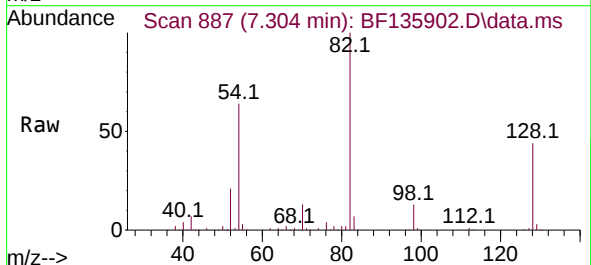
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

Tgt Ion:136	Resp: 179584
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 12.8
54 9.7	8.5 12.7
68 4.8	4.8 7.2



#23
Nitrobenzene-d5
Concen: 64.815 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion: 82	Resp: 211633
Ion Ratio	Lower Upper
82 100	
128 44.4	37.0 55.6
54 63.7	52.8 79.2

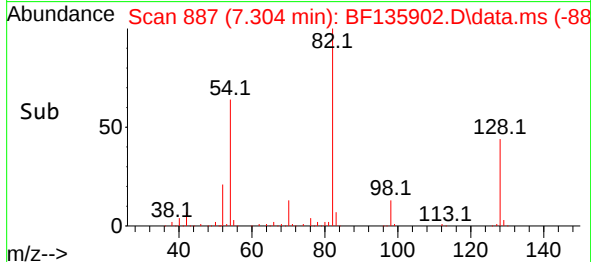
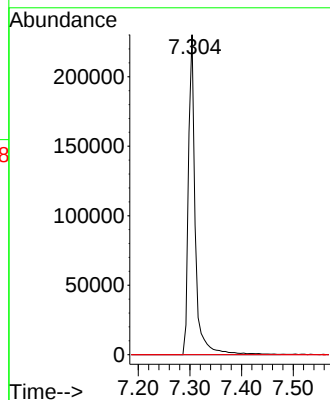
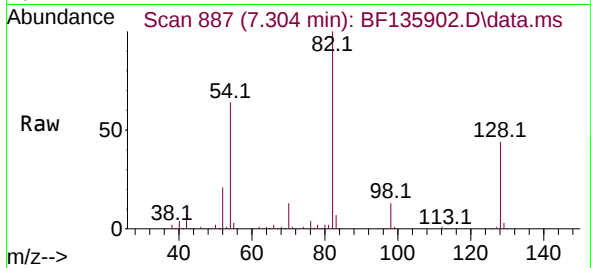




#25
Isophorone
Concen: 34.356 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

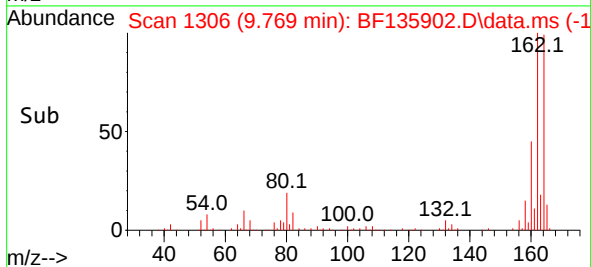
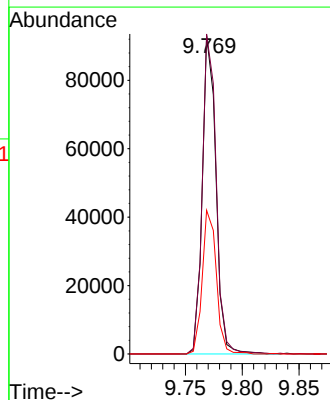
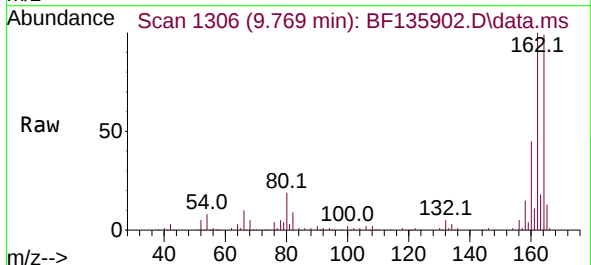
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

Tgt Ion: 82 Resp: 211633
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion:164 Resp: 77836
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 91.761 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.018 min

Lab File: BF135902.D

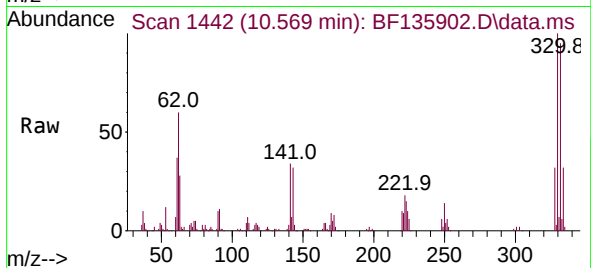
Acq: 19 Oct 2023 23:25

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5



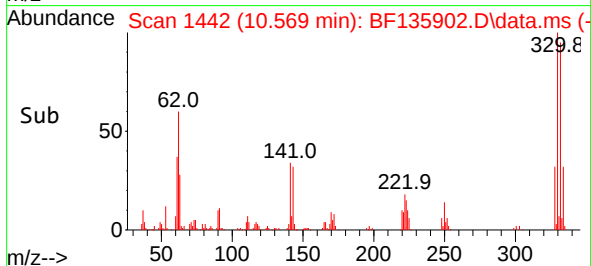
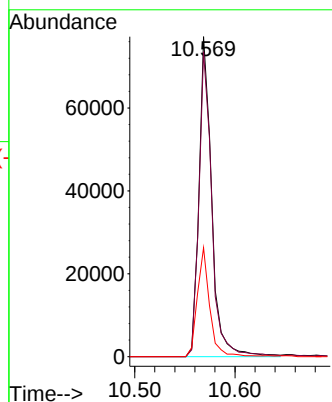
Tgt Ion:330 Resp: 68536

Ion Ratio Lower Upper

330 100

332 96.4 75.0 112.4

141 32.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 70.803 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135902.D

Acq: 19 Oct 2023 23:25

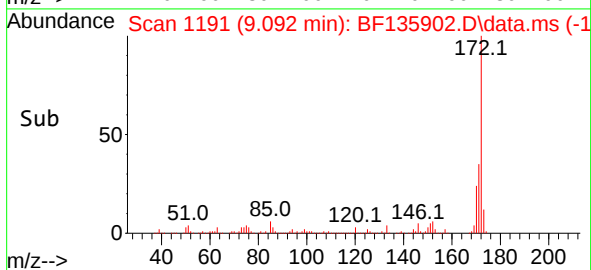
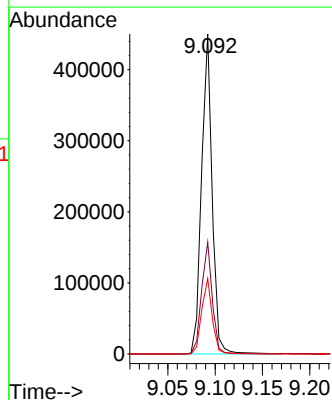
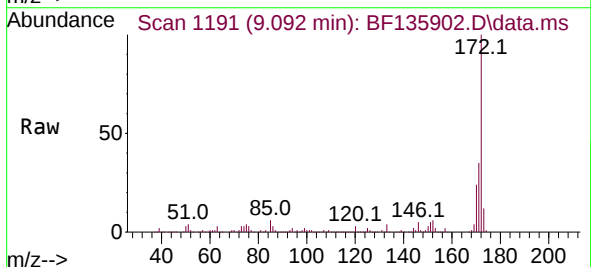
Tgt Ion:172 Resp: 352477

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 18.8 28.2

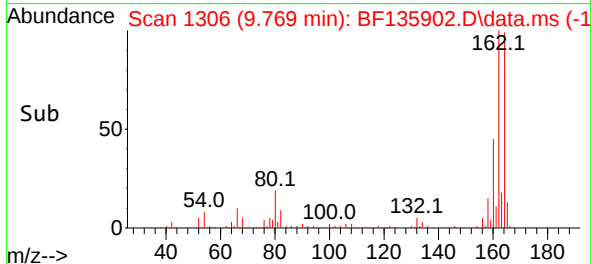
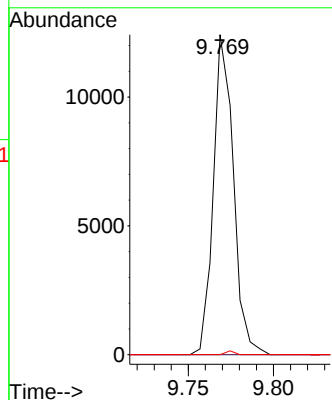
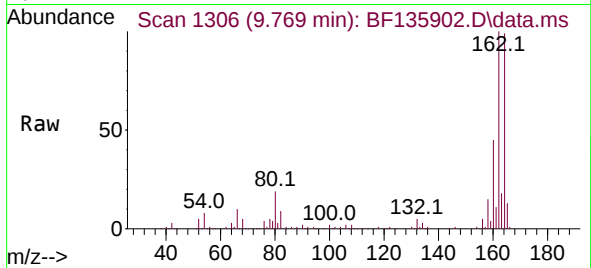




#51
2,6-Dinitrotoluene
Concen: 8.969 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

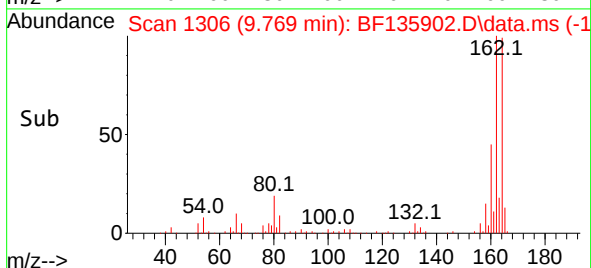
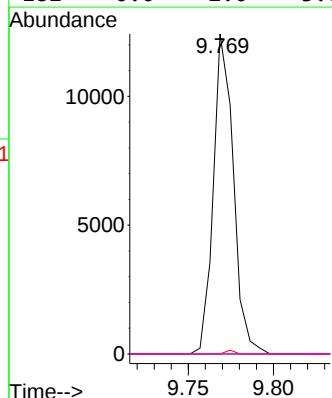
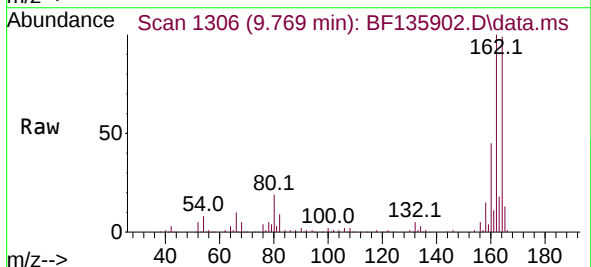
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PP-20230928-B4A-0-7.5

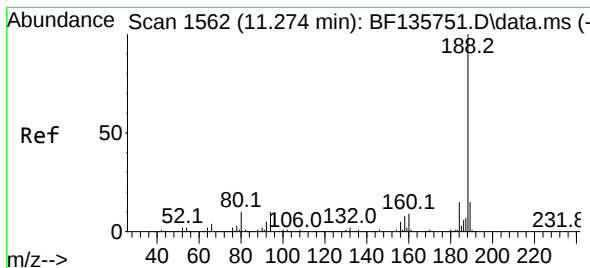
Tgt Ion:165 Resp: 10135
Ion Ratio Lower Upper
165 100
63 0.0 62.2 93.4#
89 0.0 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 7.050 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.236 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion:165 Resp: 10135
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 0.0 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135902.D

Acq: 19 Oct 2023 23:25

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5

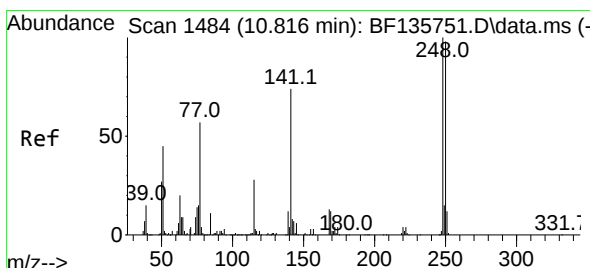
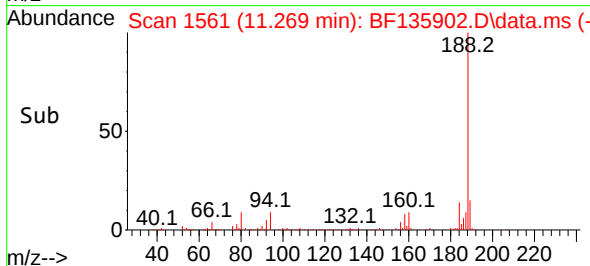
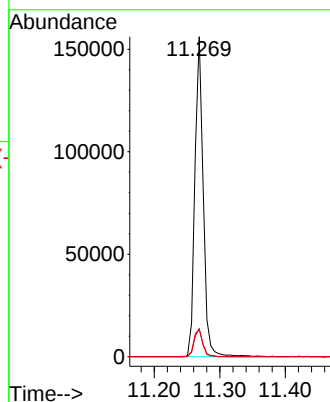
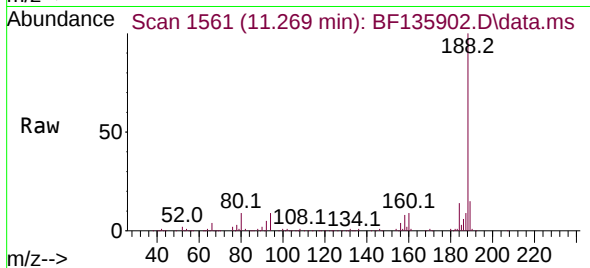
Tgt Ion:188 Resp: 138164

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 8.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 3.117 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF135902.D

Acq: 19 Oct 2023 23:25

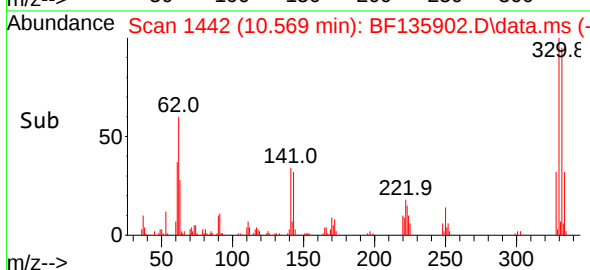
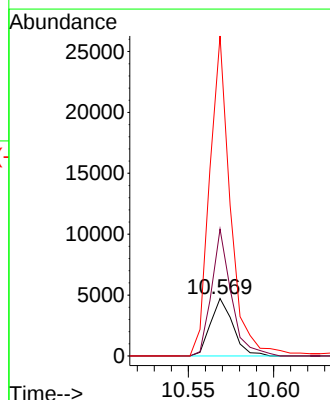
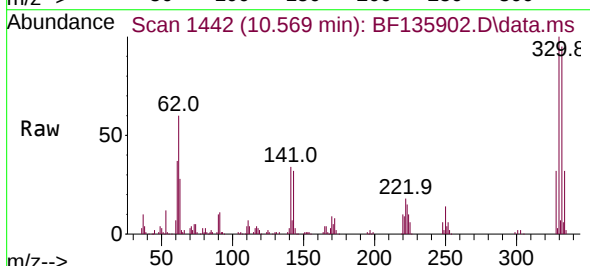
Tgt Ion:248 Resp: 4323

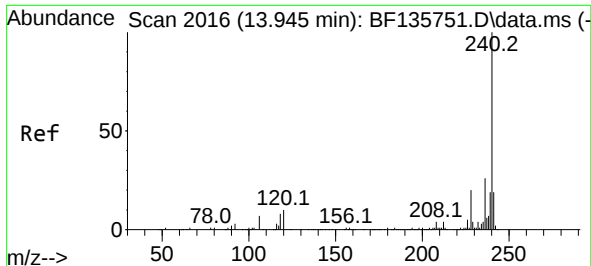
Ion Ratio Lower Upper

248 100

250 221.0 78.0 117.0#

141 557.0 59.0 88.6#

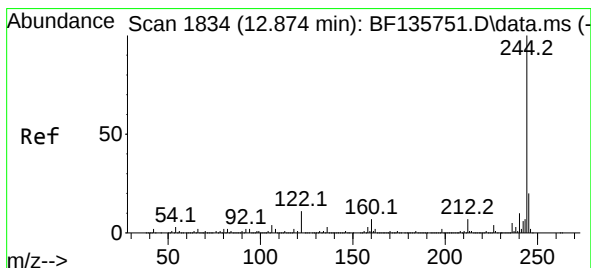
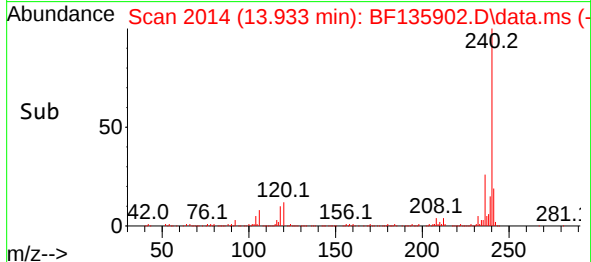
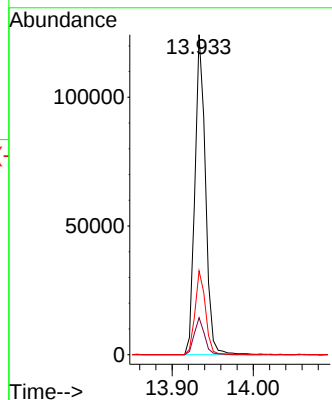
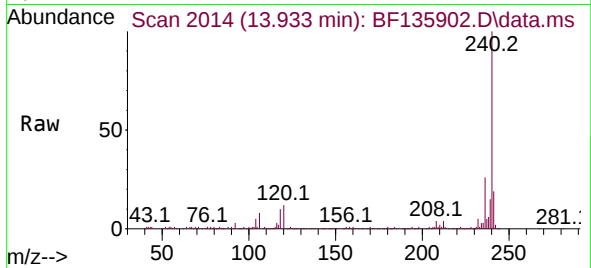




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

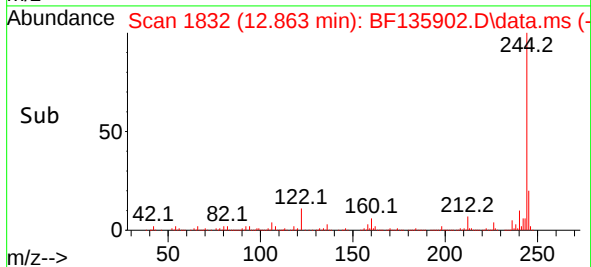
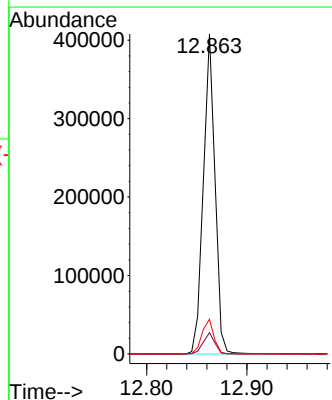
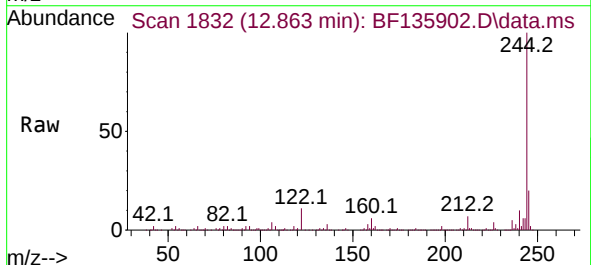
Instrument :
BNA_F
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PP-20230928-B4A-0-7.5

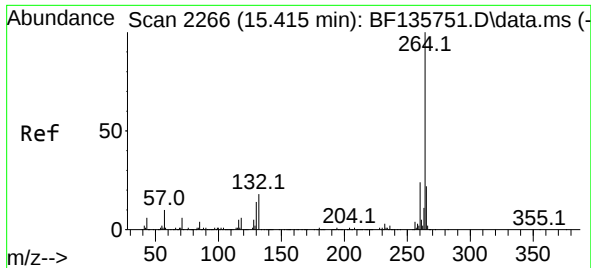
Tgt Ion:240 Resp: 113062
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 54.253 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BF135902.D
Acq: 19 Oct 2023 23:25

Tgt Ion:244 Resp: 331220
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.9 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF135902.D
 Acq: 19 Oct 2023 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

Tgt Ion:	264	Resp:	95579
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.0	17.4	26.2

