

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135593.D
 Acq On : 05 Oct 2023 03:35
 Operator : CG\JU
 Sample : 04637-01DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-092923

Quant Time: Oct 05 06:52:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

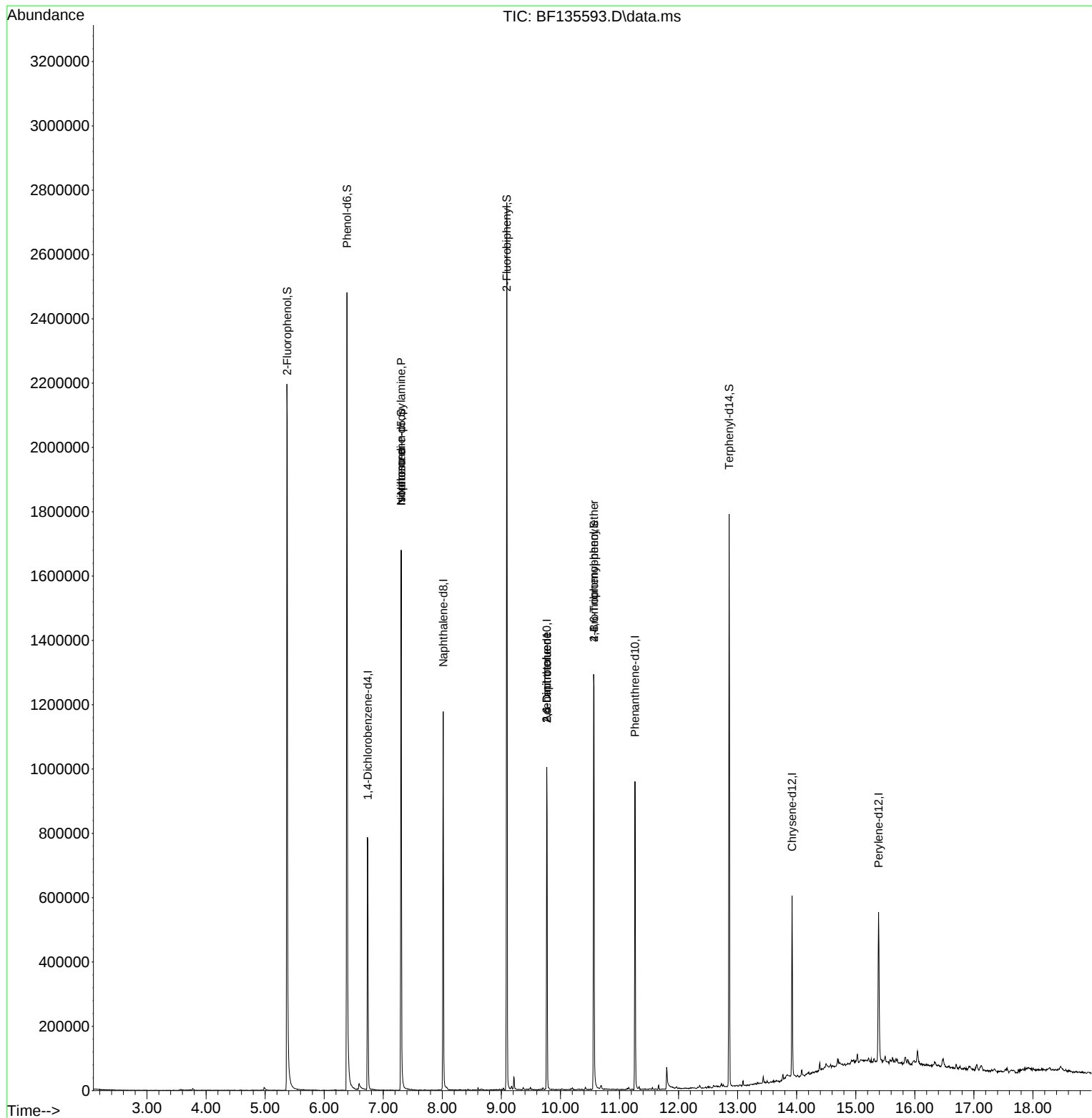
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	120947	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	476732	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	203220	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	340519	20.000	ng	0.00
76) Chrysene-d12	13.921	240	183373	20.000	ng	0.00
86) Perylene-d12	15.386	264	220346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	650376	87.460	ng	0.00
7) Phenol-d6	6.387	99	806516	85.295	ng	0.00
23) Nitrobenzene-d5	7.304	82	492264	56.099	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	167101	82.743	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	793712	58.926	ng	0.00
79) Terphenyl-d14	12.857	244	589661	49.849	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	65298	11.149	ng	# 79
25) Isophorone	7.304	82	492258	30.551	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	25480	8.465	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	25480	6.762	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	10061	2.971	ng	# 1

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

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Quant Time: Oct 05 06:52:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

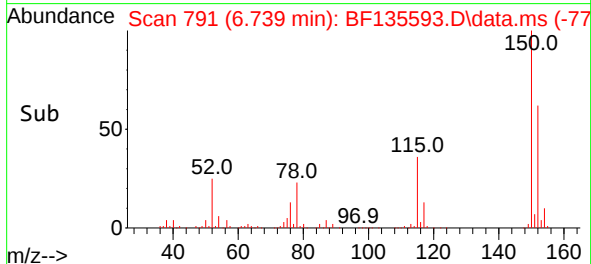
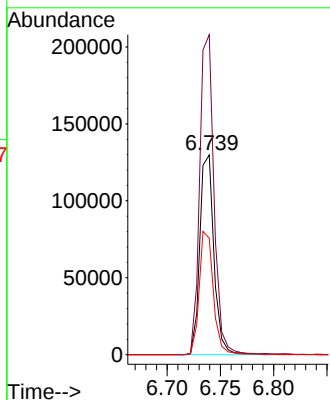
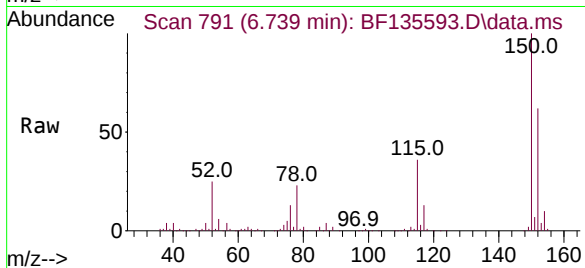




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

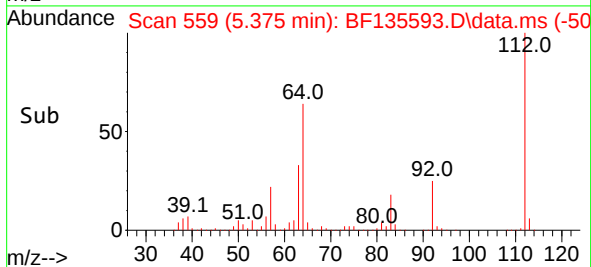
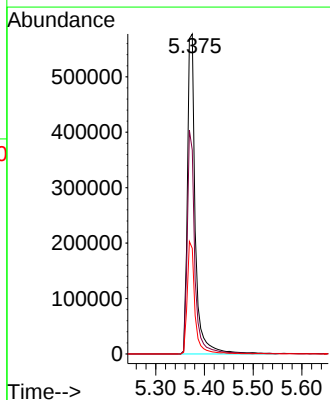
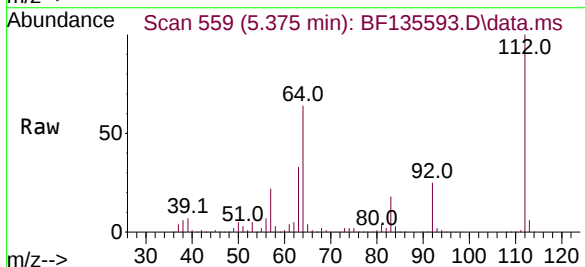
Instrument :
BNA_F
ClientSampleId :
HR-1-092923

Tgt Ion:152 Resp: 120947
Ion Ratio Lower Upper
152 100
150 160.3 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 87.460 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

Tgt Ion:112 Resp: 650376
Ion Ratio Lower Upper
112 100
64 63.7 55.9 83.9
63 33.0 29.0 43.6





#7

Phenol-d6

Concen: 85.295 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

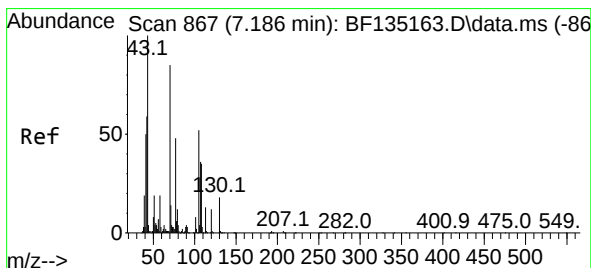
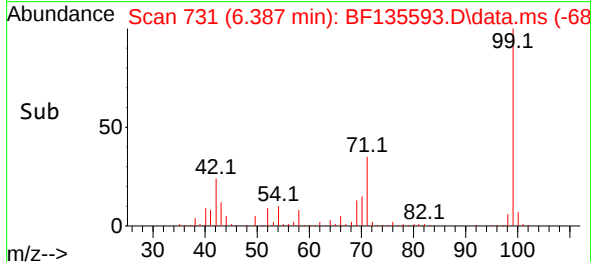
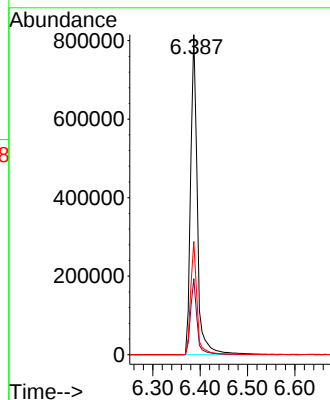
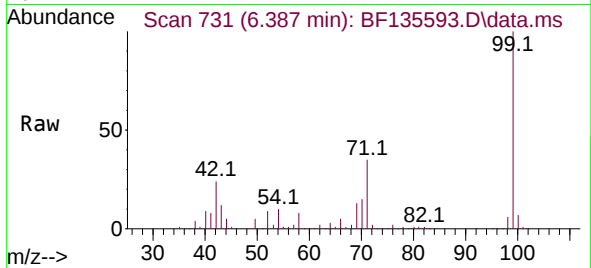
Tgt Ion: 99 Resp: 806516

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

71 35.4 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.149 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

Tgt Ion: 70 Resp: 65298

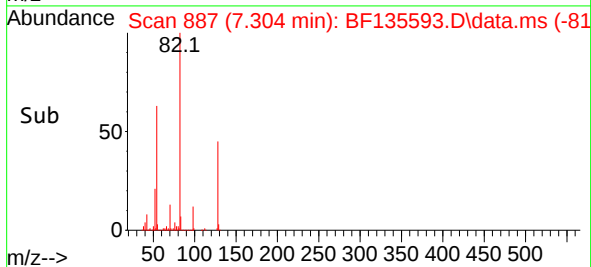
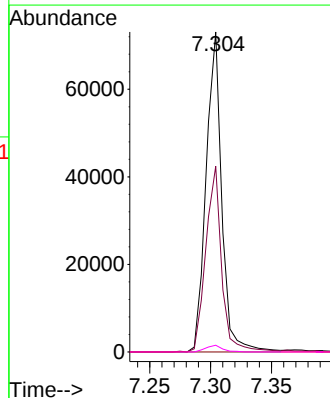
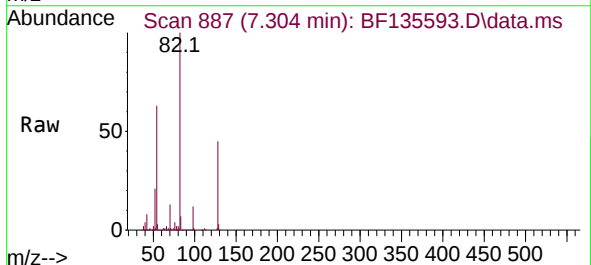
Ion Ratio Lower Upper

70 100

42 58.1 55.4 83.0

101 0.0 7.7 11.5#

130 2.1 17.0 25.6#



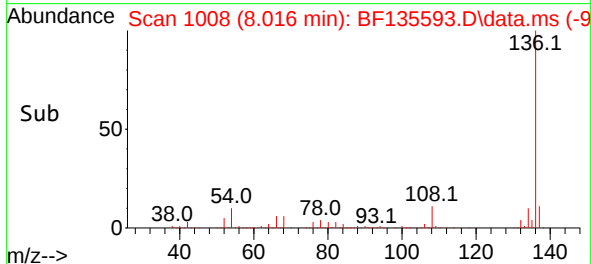
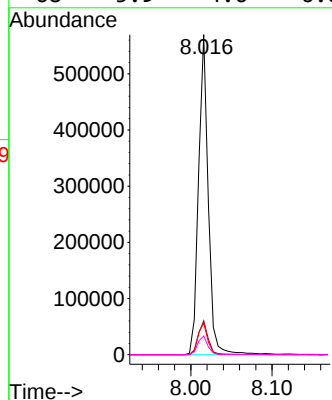
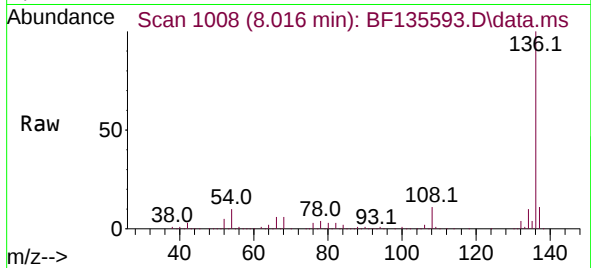


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

Instrument :
BNA_F
ClientSampleId :
HR-1-092923

Tgt Ion:136 Resp: 476732

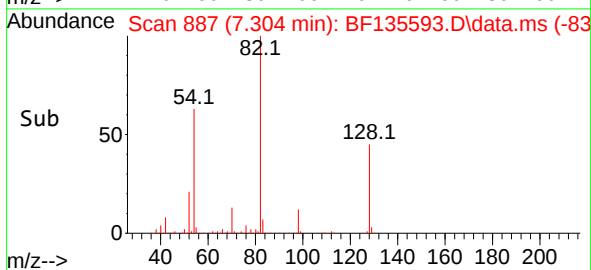
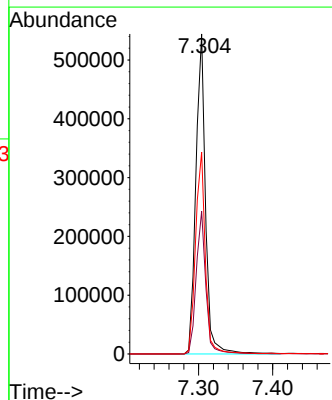
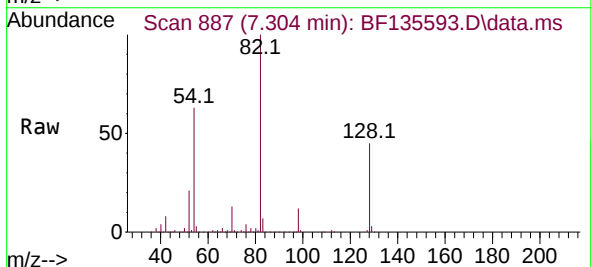
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	7.7	11.5
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 56.099 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

Tgt Ion: 82 Resp: 492264

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.6
54	63.1	50.6	76.0

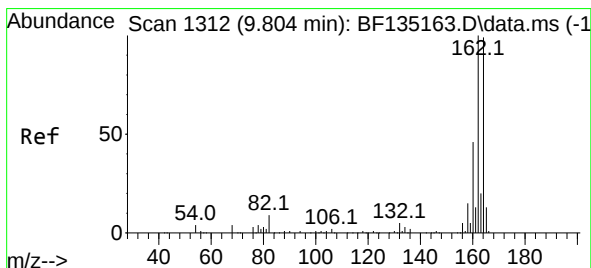
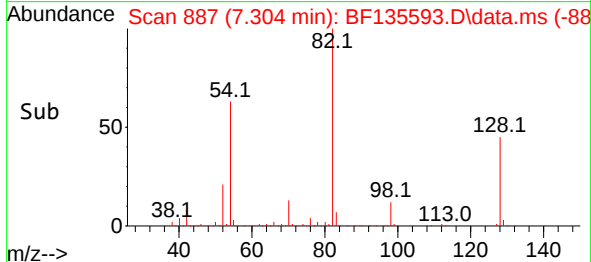
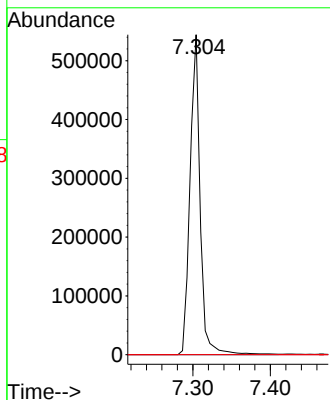
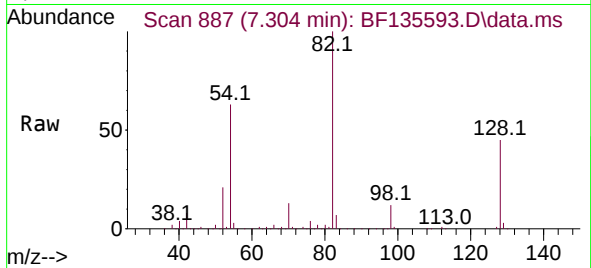




#25
Isophorone
Concen: 30.551 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

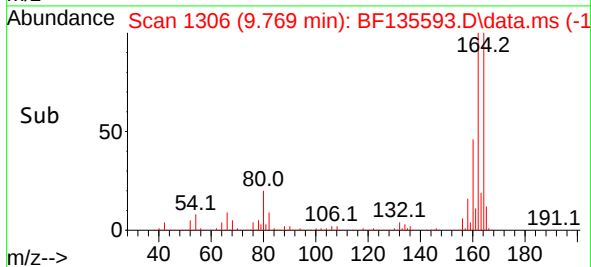
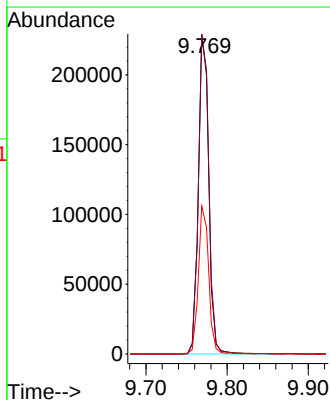
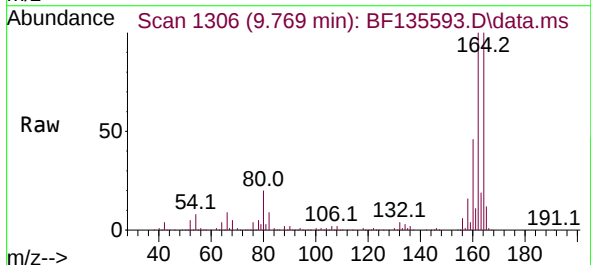
Instrument :
BNA_F
ClientSampleId :
HR-1-092923

Tgt Ion: 82 Resp: 492258
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

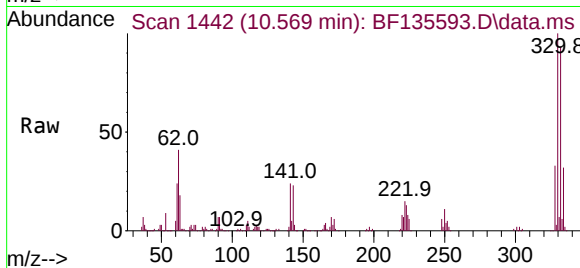
Tgt Ion:164 Resp: 203220
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 46.4 37.0 55.4



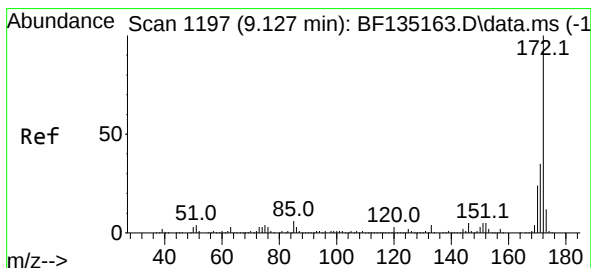
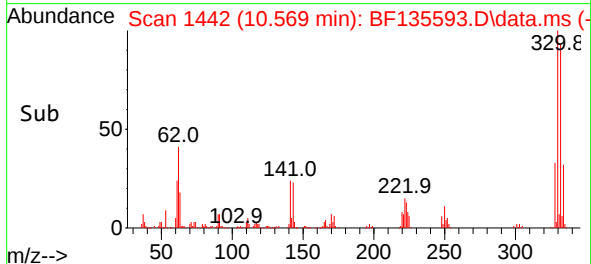
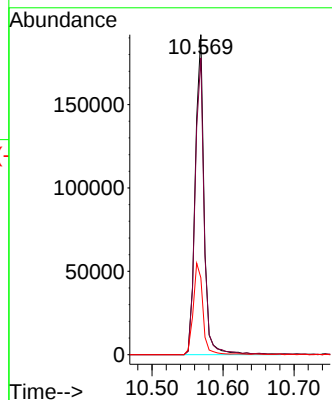


#42
 2,4,6-Tribromophenol
 Concen: 82.743 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF135593.D
 Acq: 05 Oct 2023 03:35

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-092923

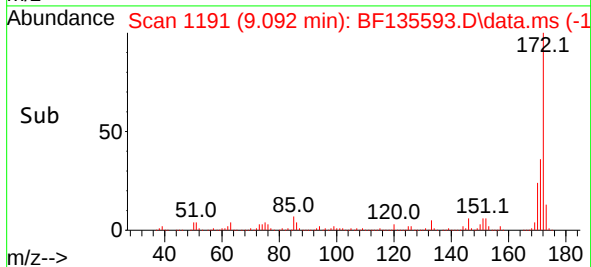
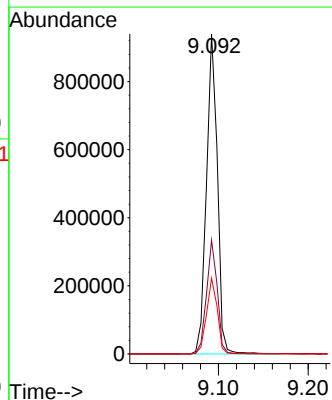
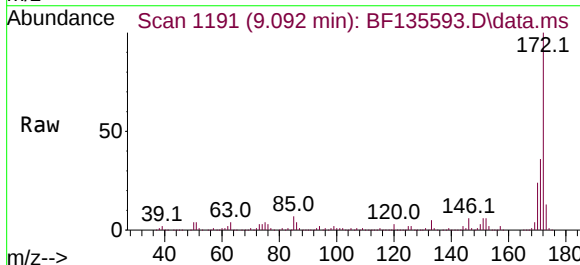


Tgt Ion:330 Resp: 167101
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 30.5 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 58.926 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135593.D
 Acq: 05 Oct 2023 03:35

Tgt Ion:172 Resp: 793712
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 23.6 19.0 28.4

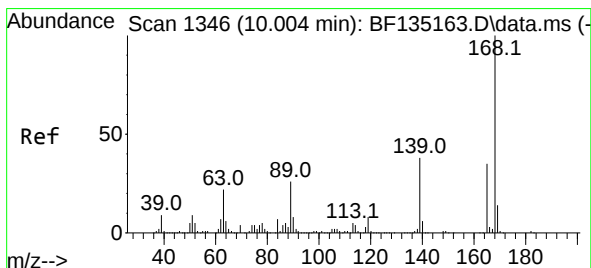
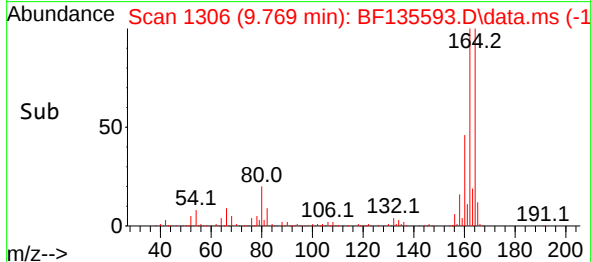
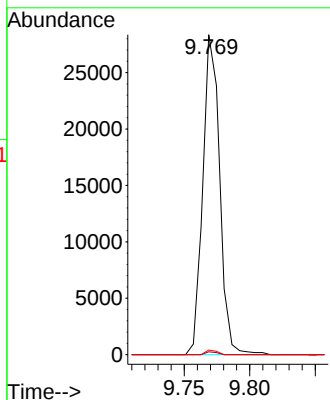
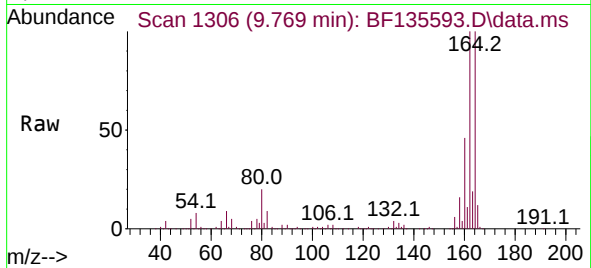




#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

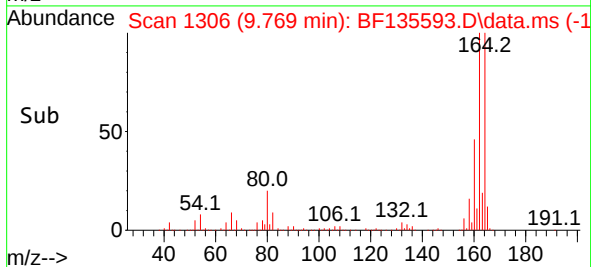
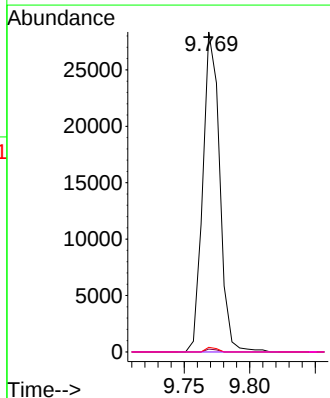
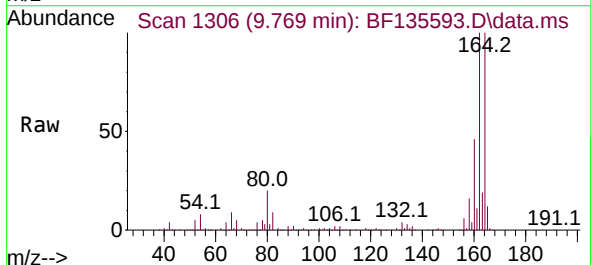
Instrument :
BNA_F
ClientSampleId :
HR-1-092923

Tgt Ion:165 Resp: 25480
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.5 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.762 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135593.D
Acq: 05 Oct 2023 03:35

Tgt Ion:165 Resp: 25480
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

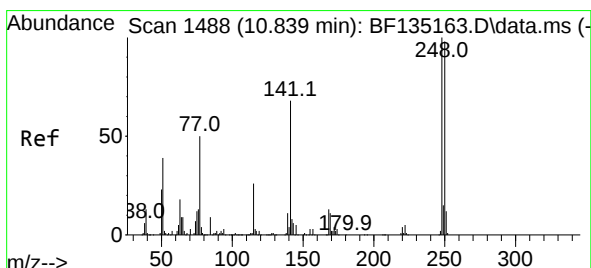
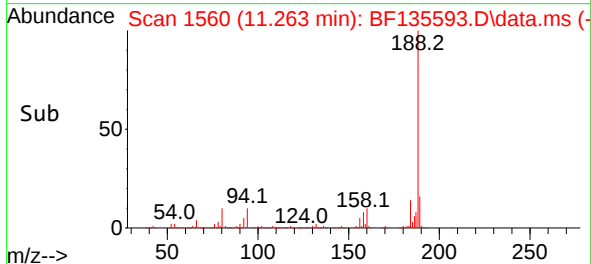
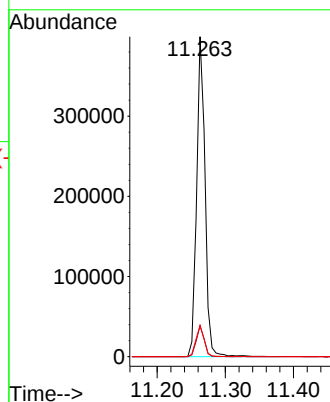
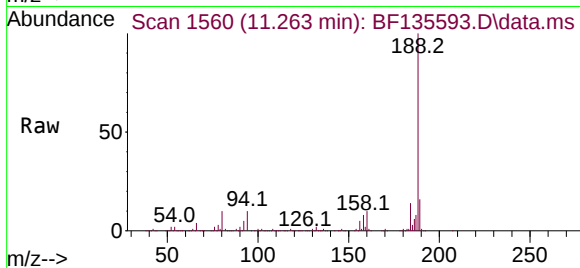
Tgt Ion:188 Resp: 340519

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 9.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.971 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

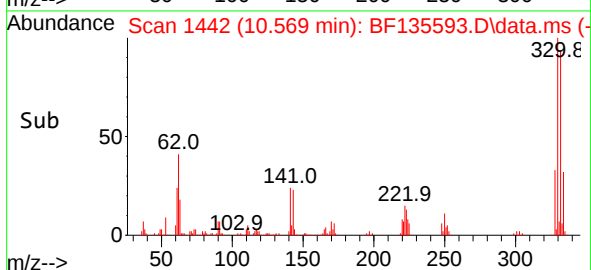
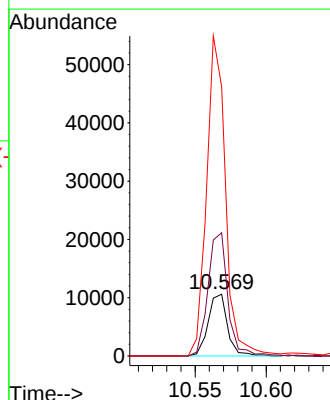
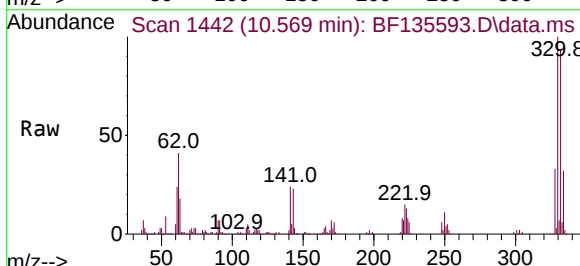
Tgt Ion:248 Resp: 10061

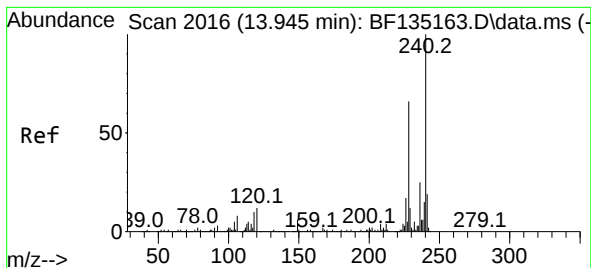
Ion Ratio Lower Upper

248 100

250 199.5 78.6 117.8#

141 436.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

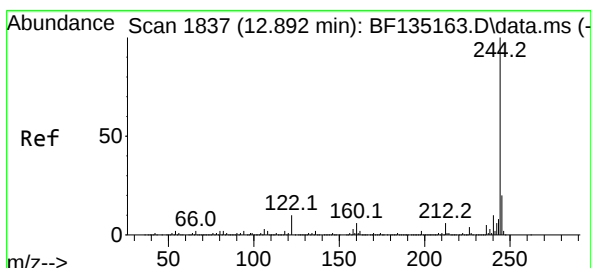
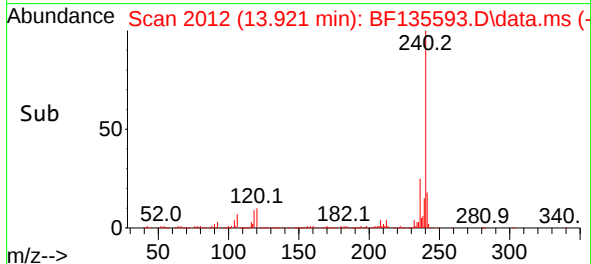
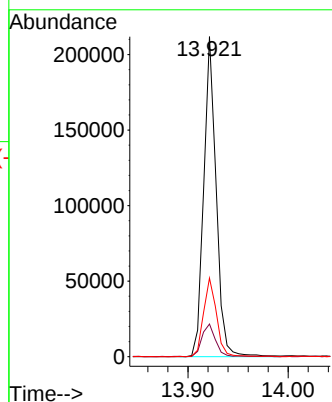
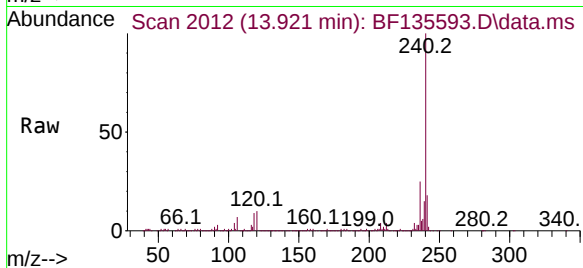
Tgt Ion:240 Resp: 183373

Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 24.6 19.8 29.8



#79

Terphenyl-d14

Concen: 49.849 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF135593.D

Acq: 05 Oct 2023 03:35

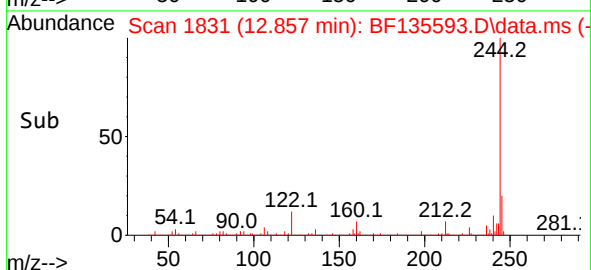
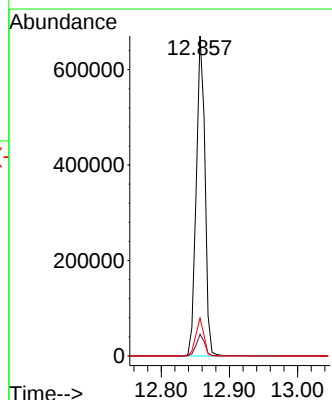
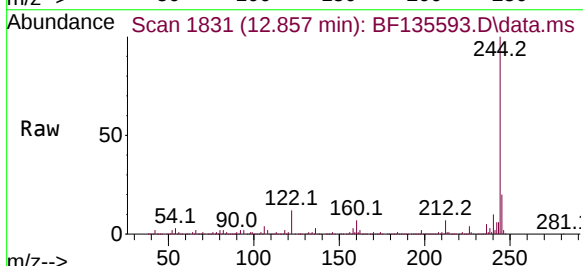
Tgt Ion:244 Resp: 589661

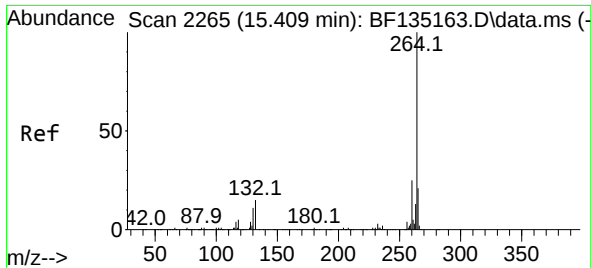
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135593.D
 Acq: 05 Oct 2023 03:35

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-092923

Tgt Ion:264 Resp: 220346
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.8 29.6
 265 22.3 17.0 25.4

