

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135769.D
 Acq On : 16 Oct 2023 11:04
 Operator : CG\JU
 Sample : PB156372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BL

Quant Time: Oct 17 01:27:10 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)

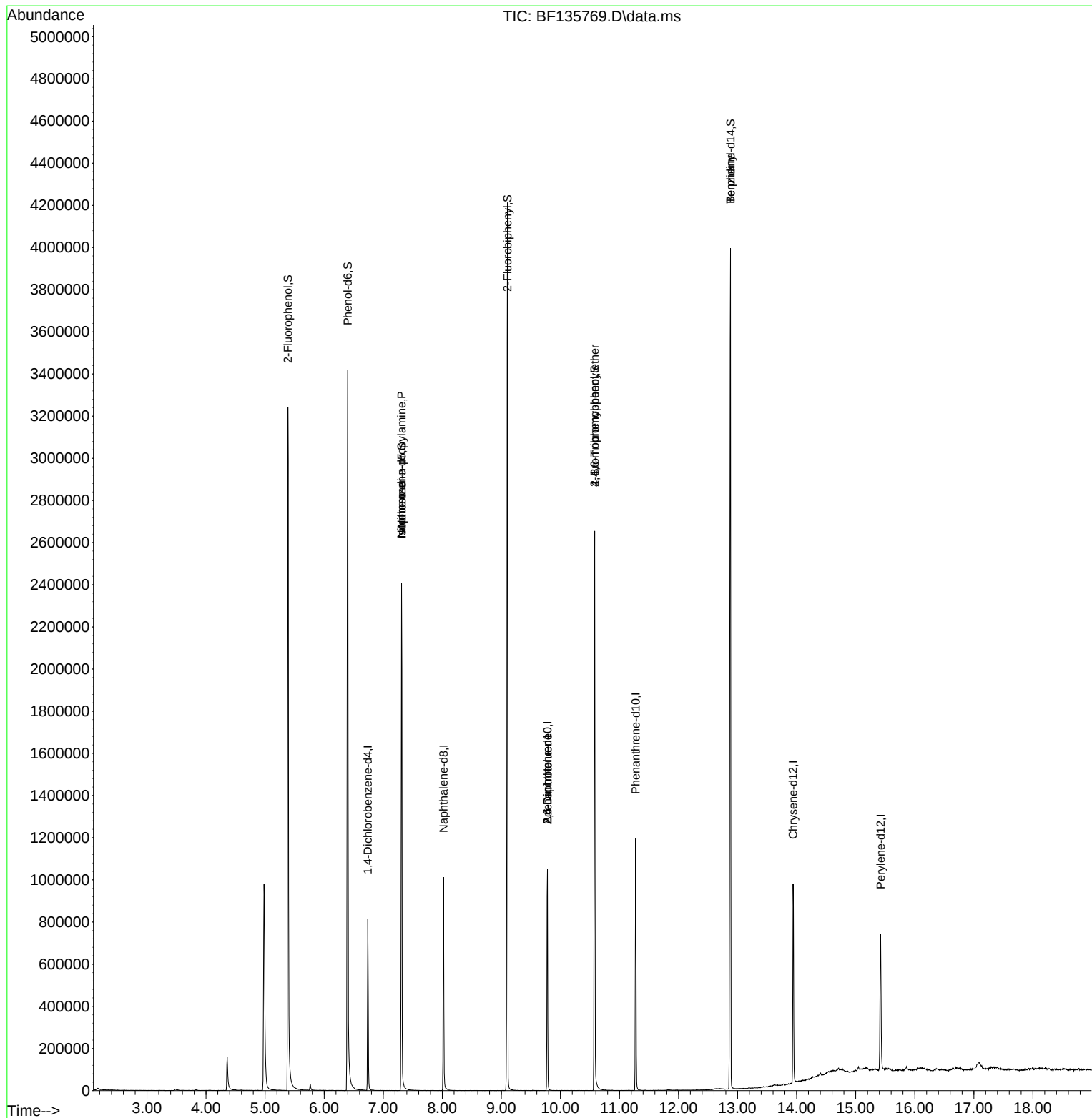
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	111414	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	433019	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	214418	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	445064	20.000	ng	0.00
76) Chrysene-d12	13.939	240	344319	20.000	ng	-0.01
86) Perylene-d12	15.421	264	329826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	982614	141.795	ng	0.01
7) Phenol-d6	6.398	99	1204026	139.250	ng	0.00
23) Nitrobenzene-d5	7.310	82	781798	99.299	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	337780	164.169	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1312044	95.673	ng	0.00
79) Terphenyl-d14	12.880	244	1645506	88.503	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	105034	19.646	ng	# 75
25) Isophorone	7.310	82	781793	52.634	ng	# 66
51) 2,6-Dinitrotoluene	9.781	165	27896	8.962	ng	# 16
57) 2,4-Dinitrotoluene	9.781	165	27896	7.044	ng	# 23
67) 4-Bromophenyl-phenylether	10.581	248	20249	4.532	ng	# 1
77) Benzidine	12.880	184	20527	2.732	ng	# 97

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

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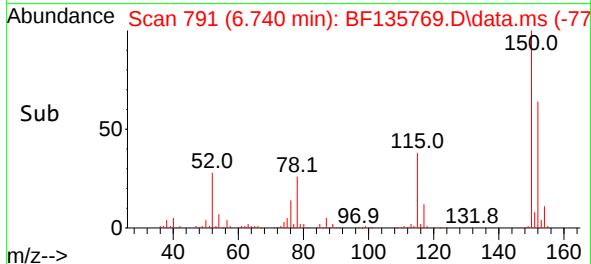
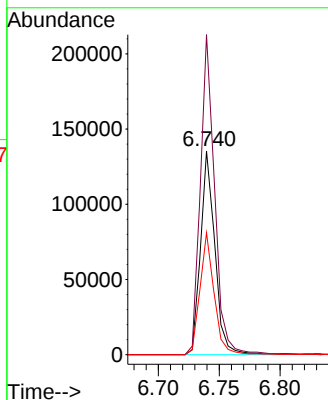
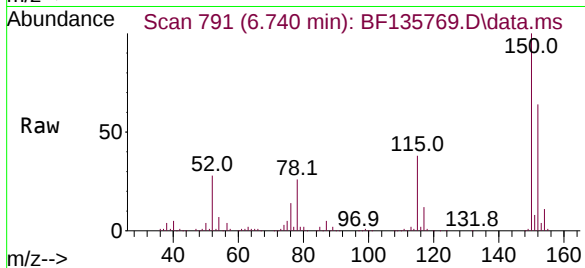


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BL

Tgt Ion:152 Resp: 111414

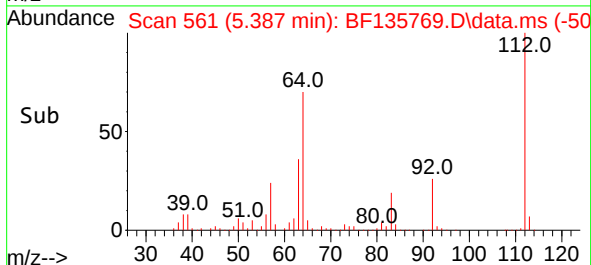
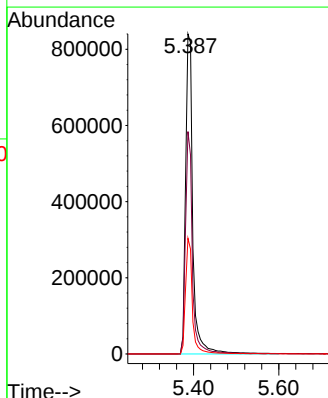
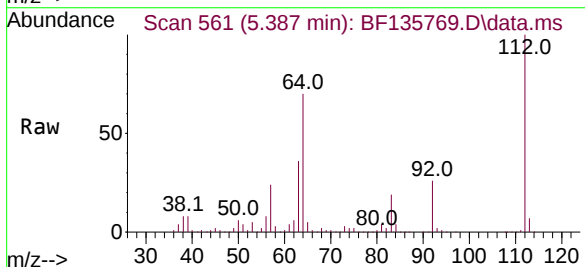
Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.5	186.7
115	59.9	49.0	73.4

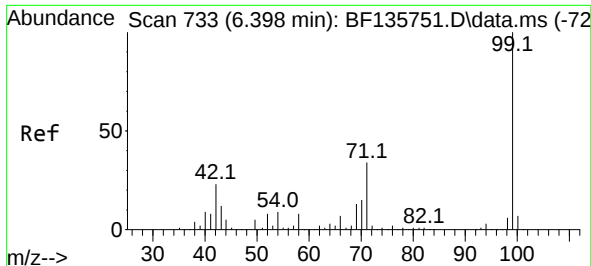


#5
 2-Fluorophenol
 Concen: 141.795 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Tgt Ion:112 Resp: 982614

Ion	Ratio	Lower	Upper
112	100		
64	69.5	51.2	76.8
63	36.2	26.1	39.1

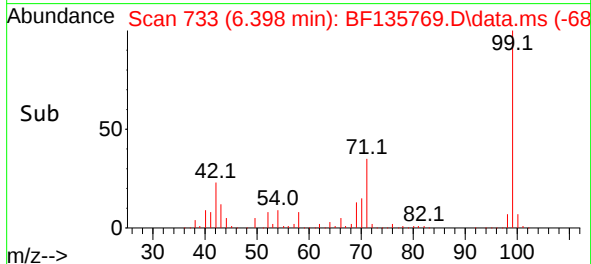
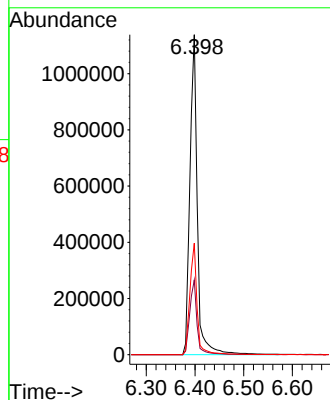
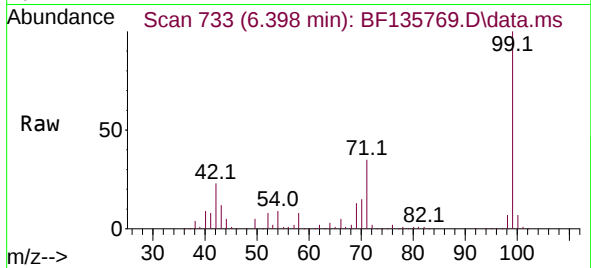




#7
Phenol-d6
Concen: 139.250 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

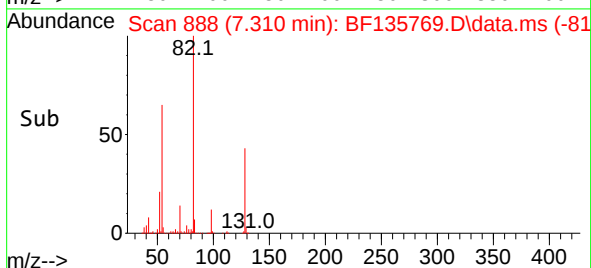
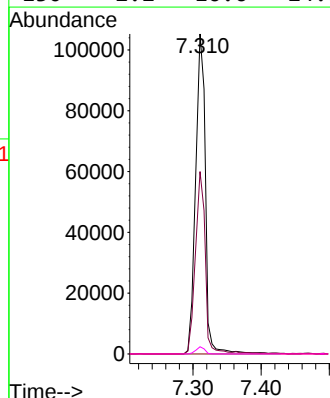
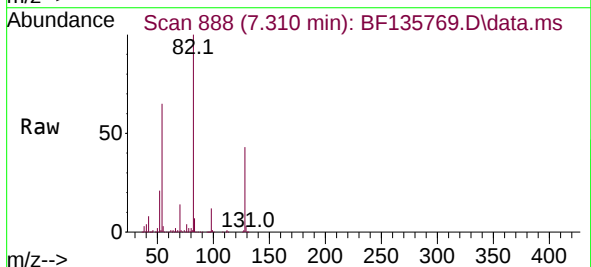
Instrument :
BNA_F
ClientSampleId :
PB156372BL

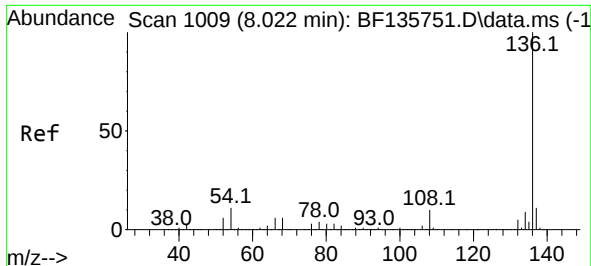
Tgt Ion: 99 Resp: 1204026
Ion Ratio Lower Upper
99 100
42 23.3 18.4 27.6
71 34.9 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.646 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

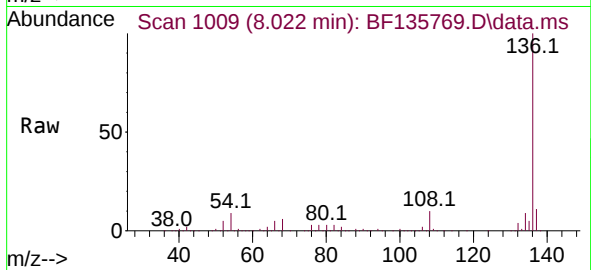
Tgt Ion: 70 Resp: 105034
Ion Ratio Lower Upper
70 100
42 57.0 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



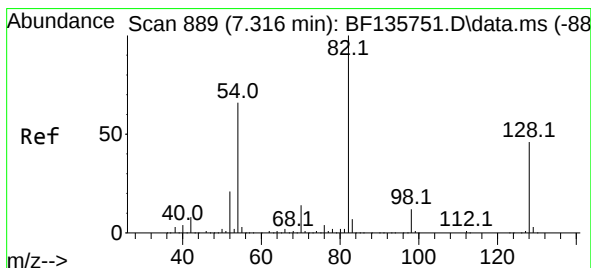
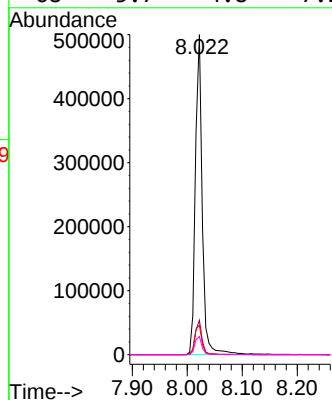


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Instrument :
BNA_F
ClientSampleId :
PB156372BL

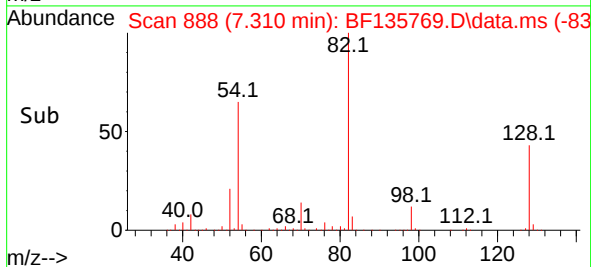
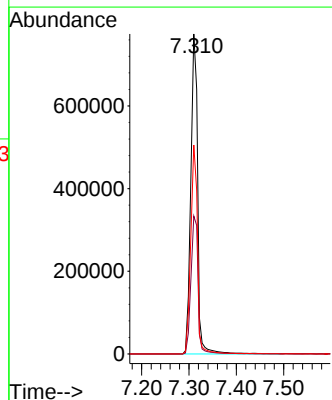
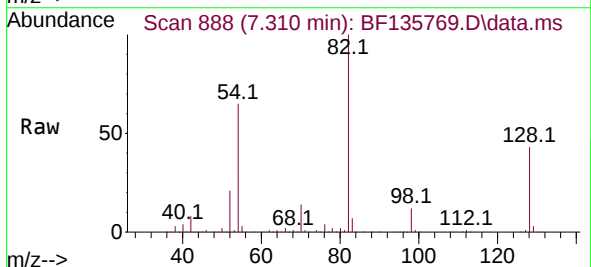


Tgt Ion:	136	Resp:	433019
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	8.5	12.7
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 99.299 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Tgt Ion:	82	Resp:	781798
Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.0	55.6
54	65.3	52.8	79.2

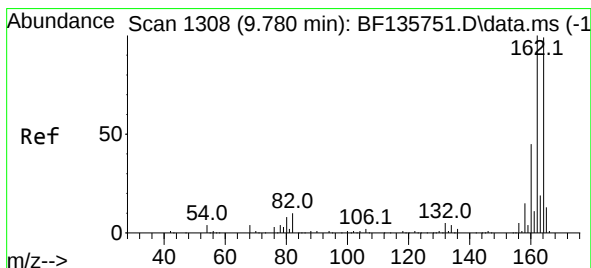
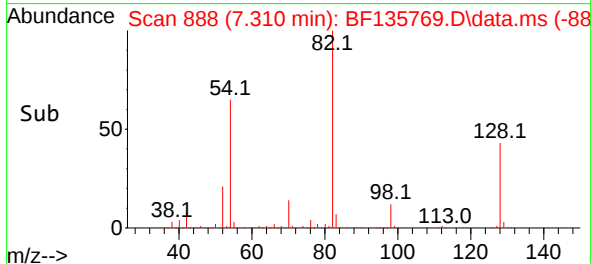
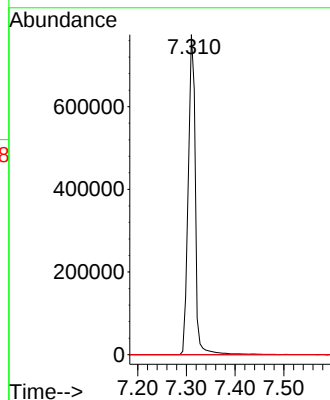
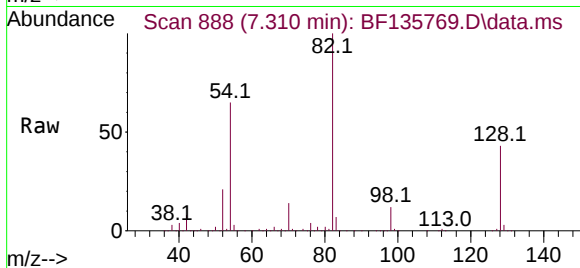




#25
Isophorone
Concen: 52.634 ng
RT: 7.310 min Scan# 88
Delta R.T. -0.259 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

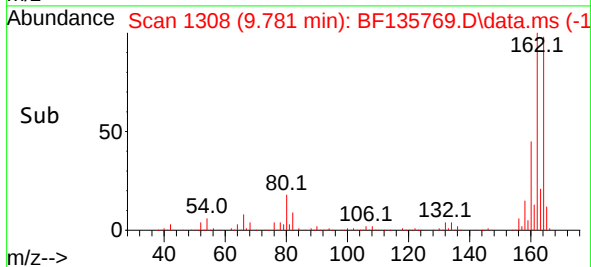
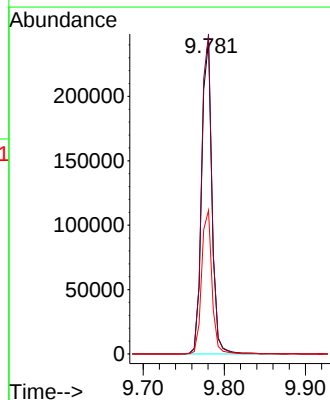
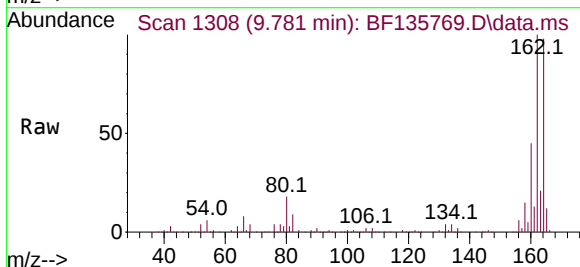
Instrument :
BNA_F
ClientSampleId :
PB156372BL

Tgt Ion: 82 Resp: 781793
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: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Tgt Ion: 164 Resp: 214418
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 164.169 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB156372BL

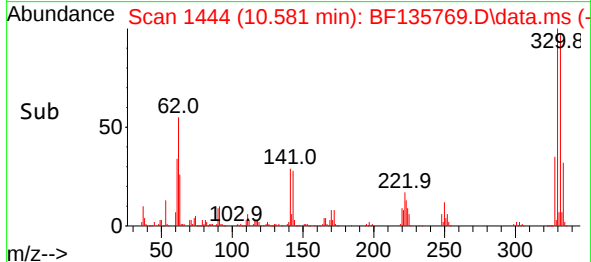
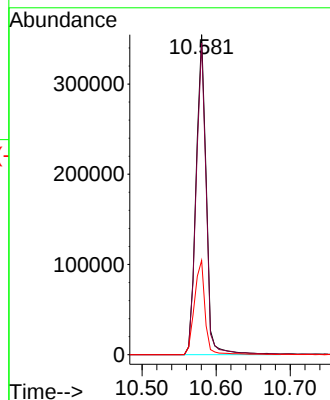
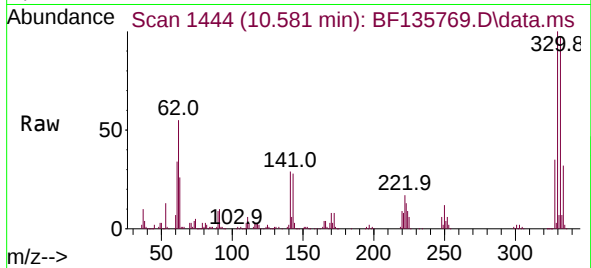
Tgt Ion:330 Resp: 337780

Ion Ratio Lower Upper

330 100

332 96.7 75.0 112.4

141 31.0 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 95.673 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

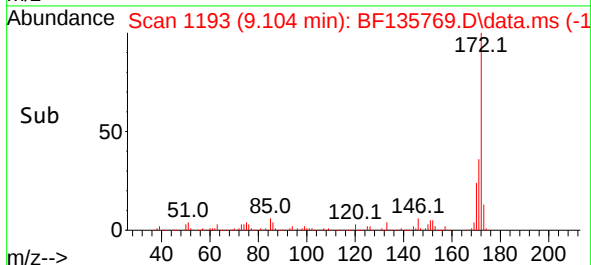
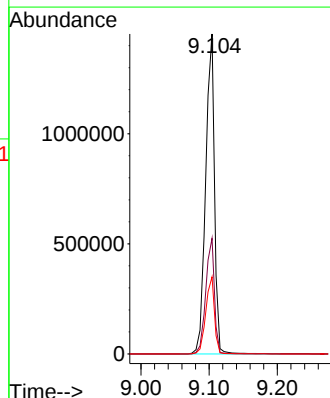
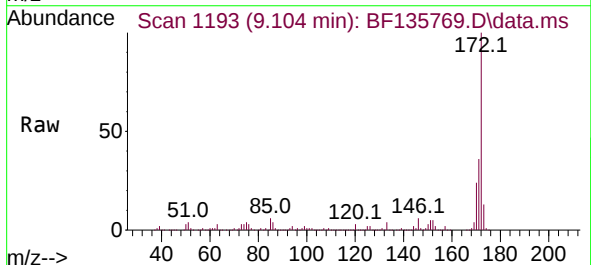
Tgt Ion:172 Resp: 1312044

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.1 18.8 28.2

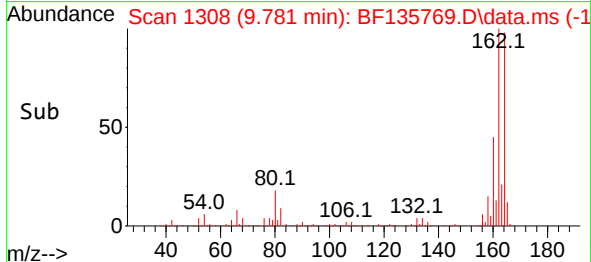
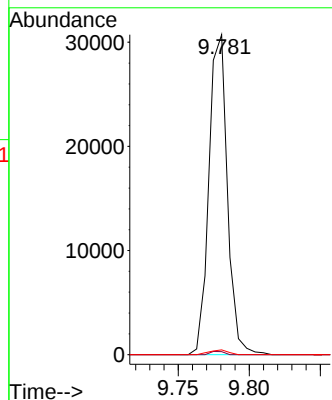
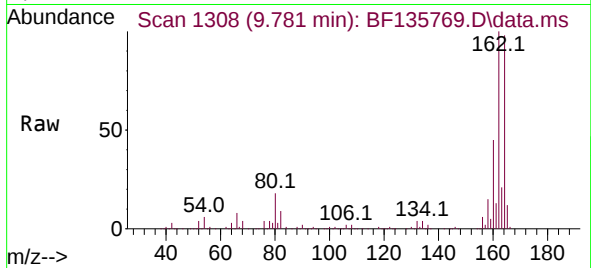




#51
2,6-Dinitrotoluene
Concen: 8.962 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

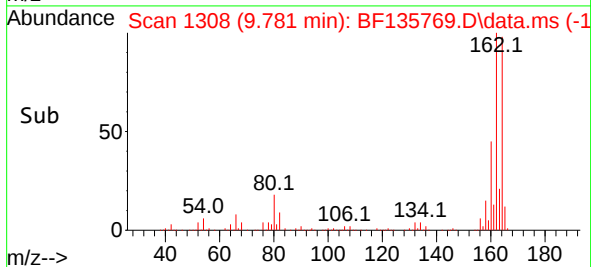
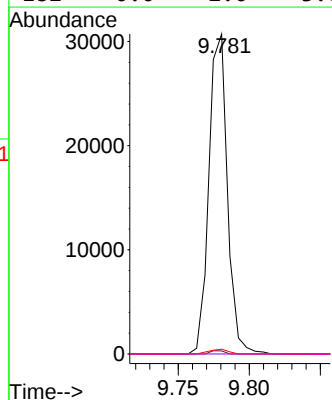
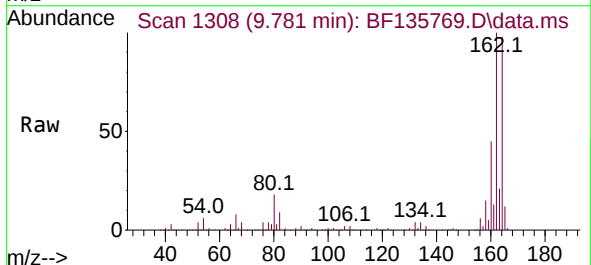
Instrument :
BNA_F
ClientSampleId :
PB156372BL

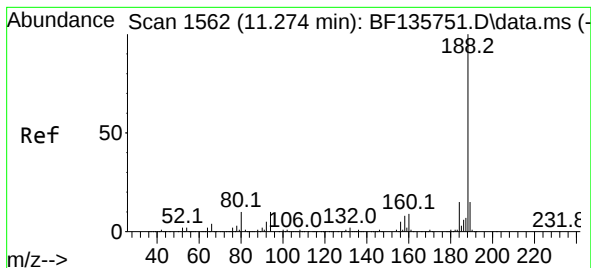
Tgt Ion:165 Resp: 27896
Ion Ratio Lower Upper
165 100
63 0.9 62.2 93.4#
89 1.5 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 7.044 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.224 min
Lab File: BF135769.D
Acq: 16 Oct 2023 11:04

Tgt Ion:165 Resp: 27896
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.4#
89 1.5 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB156372BL

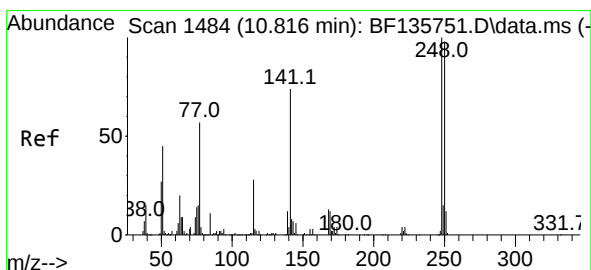
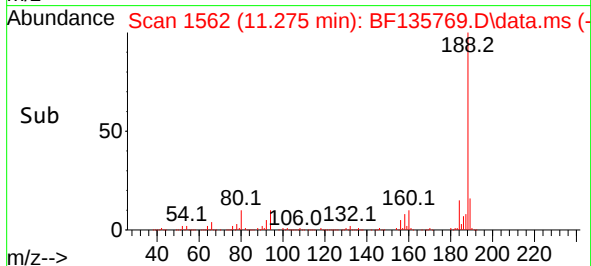
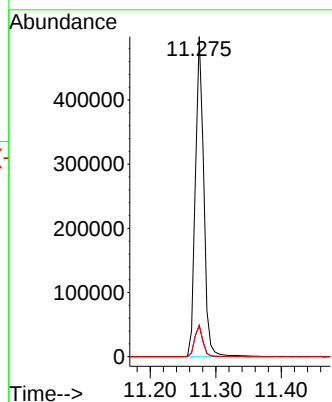
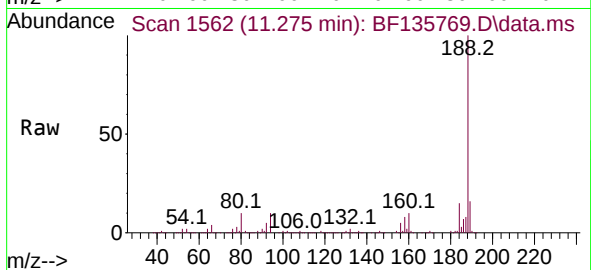
Tgt Ion:188 Resp: 445064

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 9.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.532 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.241 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

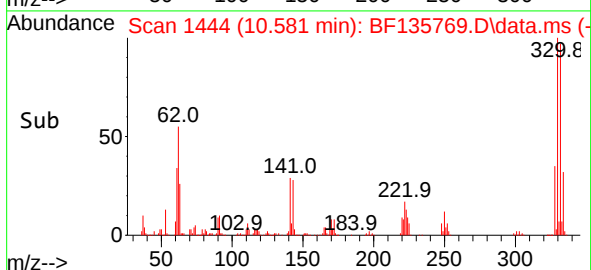
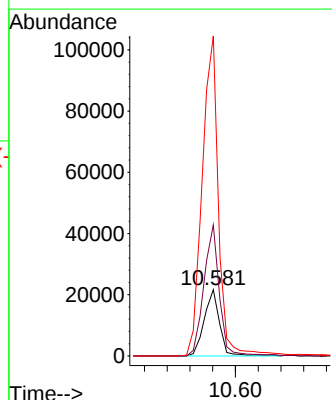
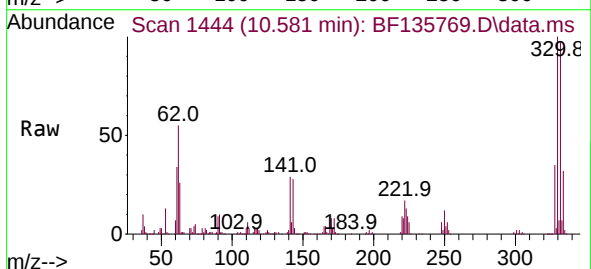
Tgt Ion:248 Resp: 20249

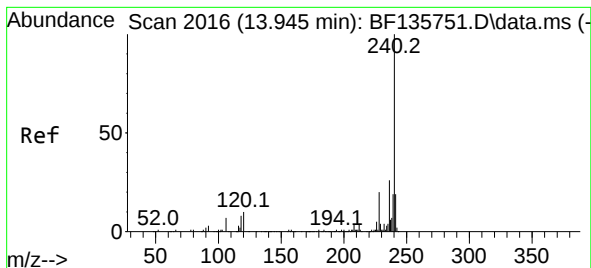
Ion Ratio Lower Upper

248 100

250 197.9 78.0 117.0#

141 483.0 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

Instrument :

BNA_F

ClientSampleId :

PB156372BL

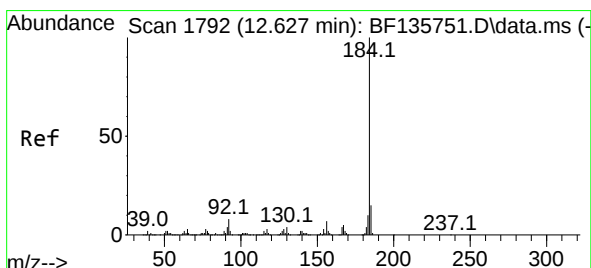
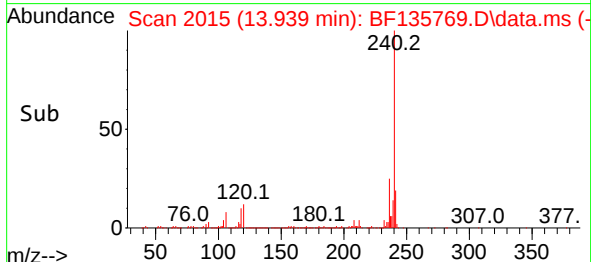
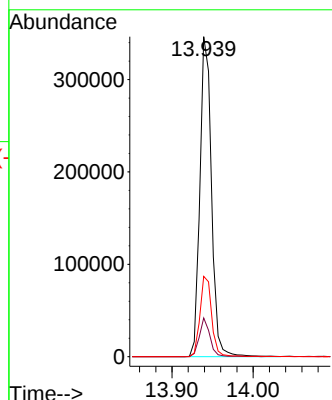
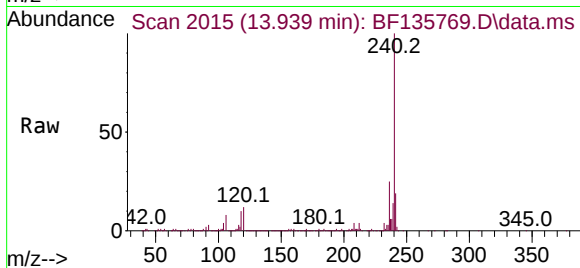
Tgt Ion:240 Resp: 344319

Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

236 25.1 21.2 31.8



#77

Benzidine

Concen: 2.732 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135769.D

Acq: 16 Oct 2023 11:04

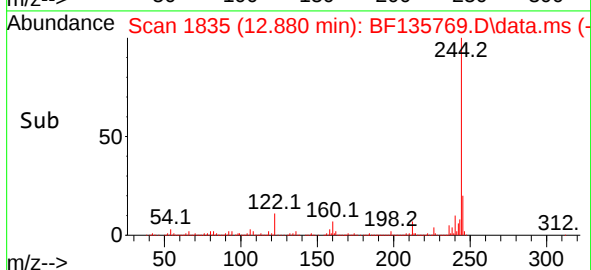
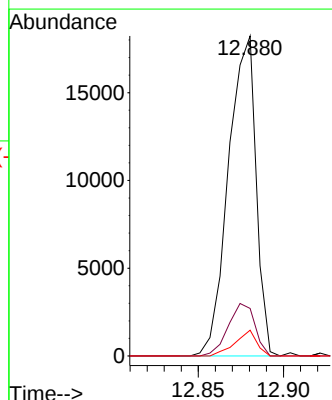
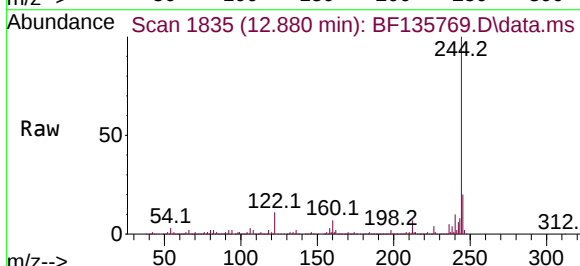
Tgt Ion:184 Resp: 20527

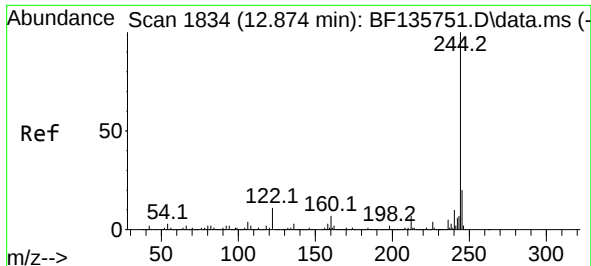
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 8.0 8.2 12.2#

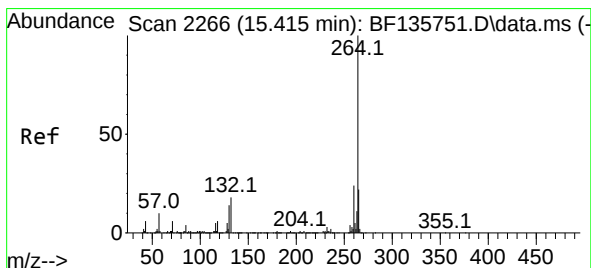
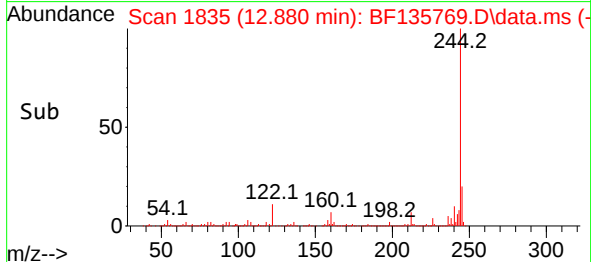
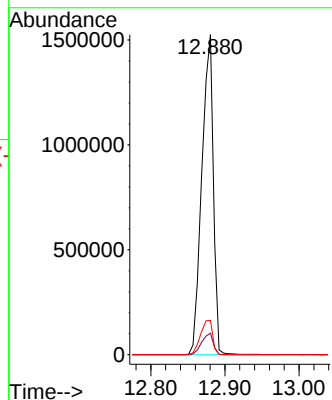
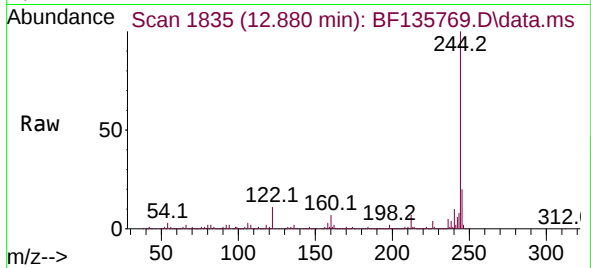




#79
 Terphenyl-d14
 Concen: 88.503 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BL

Tgt Ion:244 Resp: 1645506
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135769.D
 Acq: 16 Oct 2023 11:04

Tgt Ion:264 Resp: 329826
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.6 17.4 26.2

