

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135444.D
 Acq On : 26 Sep 2023 10:43
 Operator : CG\JU
 Sample : PB155591TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155591TB

Quant Time: Sep 27 02:08:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

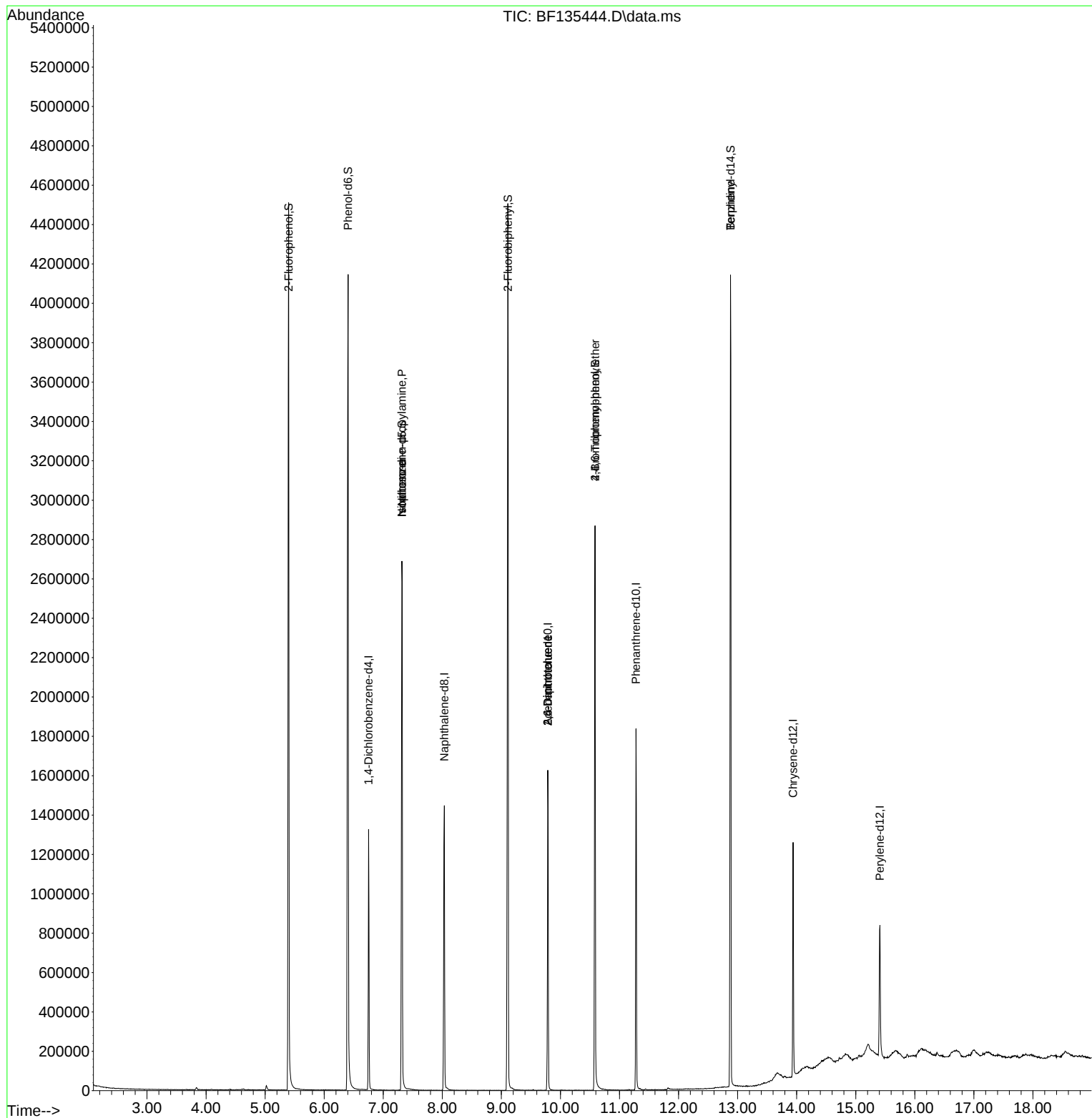
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	184435	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	717023	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	357716	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	690338	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	387070	20.000	ng	0.00
86) Perylene-d12	15.410	264	346610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1279738	112.854	ng	0.02
7) Phenol-d6	6.404	99	1610729	111.708	ng	0.00
23) Nitrobenzene-d5	7.316	82	1034302	78.370	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	362455	101.961	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1736453	73.238	ng	0.00
79) Terphenyl-d14	12.880	244	1683736	67.433	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	135930	15.220	ng	# 80
25) Isophorone	7.316	82	1019690	42.076	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	45594	8.606	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	45594	6.874	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	22535	3.282	ng	# 1
77) Benzidine	12.880	184	22285	2.810	ng	# 89

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

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Quant Time: Sep 27 02:08:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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QLast Update : Tue Sep 26 01:36:36 2023
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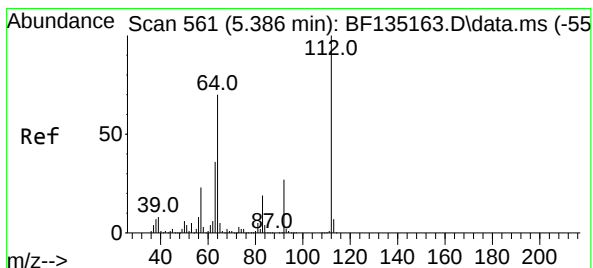
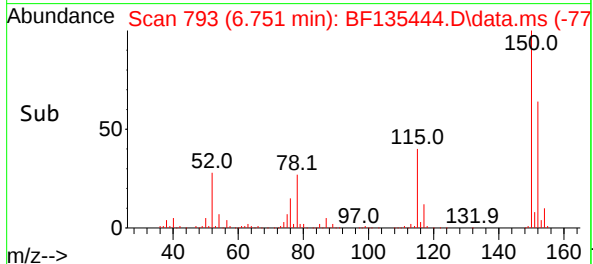
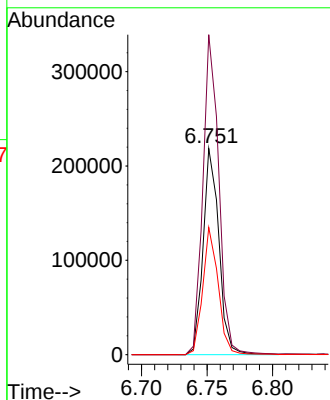
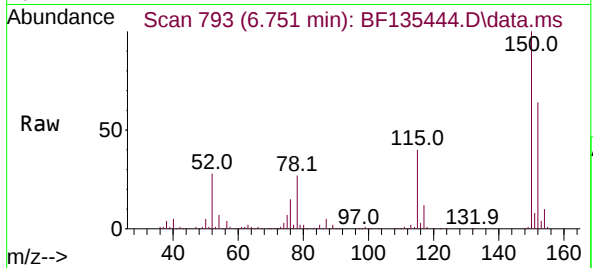




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

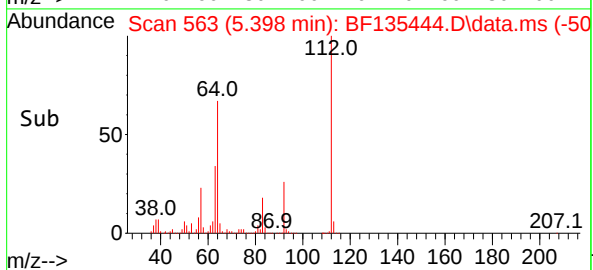
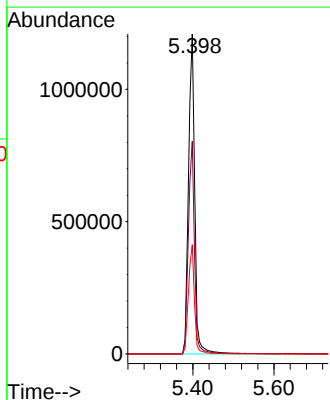
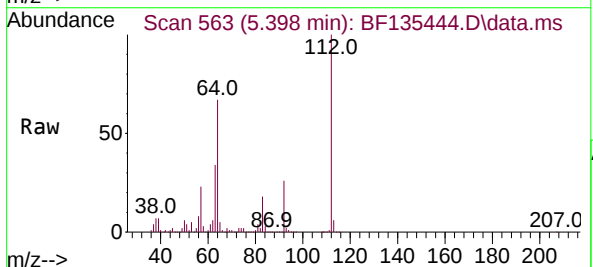
Instrument :
BNA_F
ClientSampleId :
PB155591TB

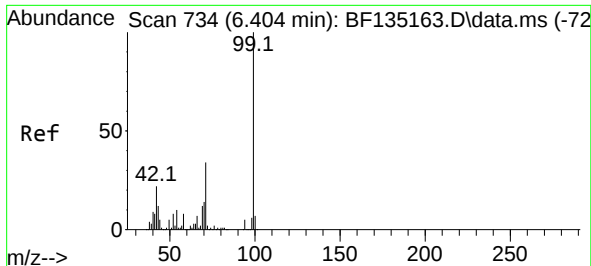
Tgt Ion:152 Resp: 184435
Ion Ratio Lower Upper
152 100
150 155.2 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 112.854 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion:112 Resp: 1279738
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.2 29.0 43.6



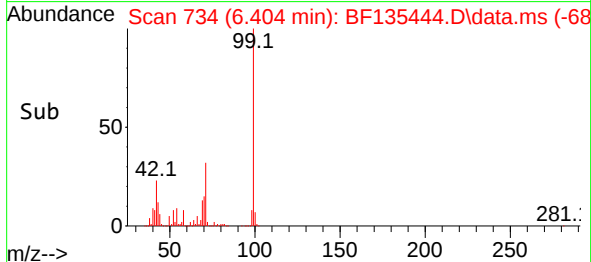
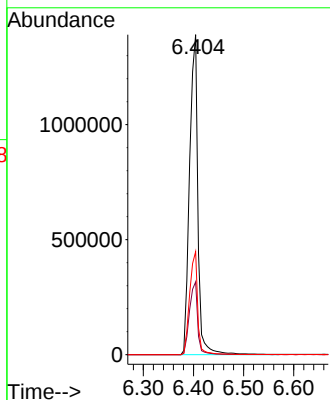
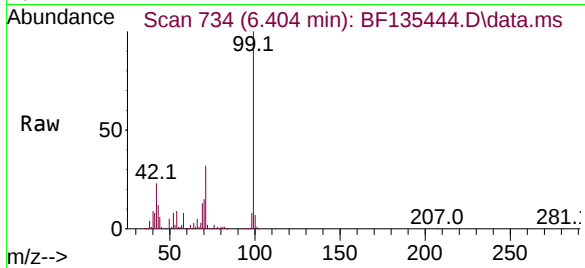


#7
Phenol-d6
Concen: 111.708 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Instrument :
BNA_F
ClientSampleId :
PB155591TB

Tgt Ion: 99 Resp: 1610729

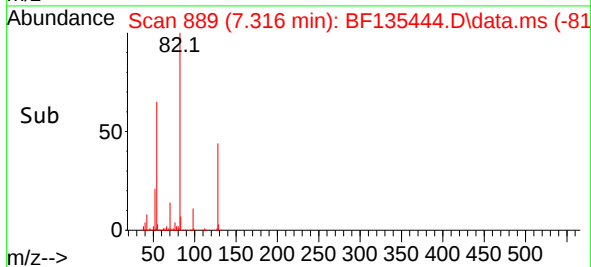
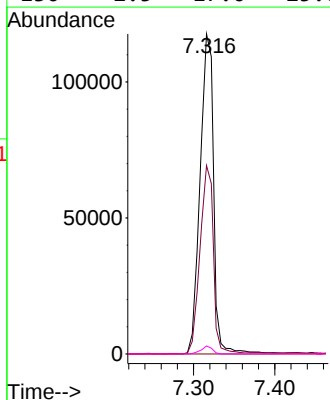
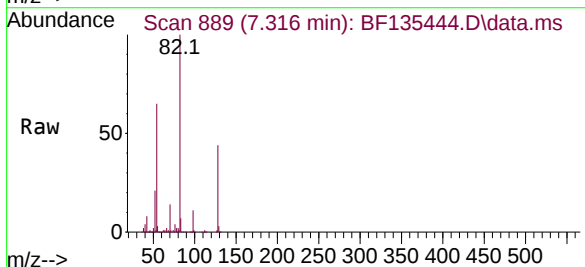
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.2	27.0	40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.220 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion: 70 Resp: 135930

Ion	Ratio	Lower	Upper
70	100		
42	58.9	55.4	83.0
101	0.0	7.7	11.5#
130	2.5	17.0	25.6#

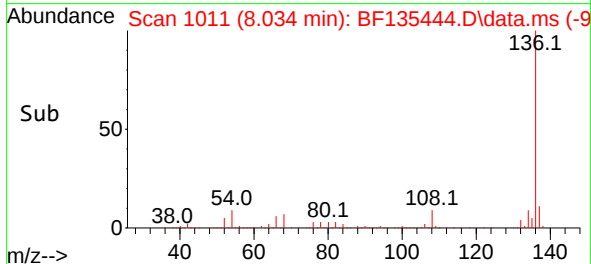
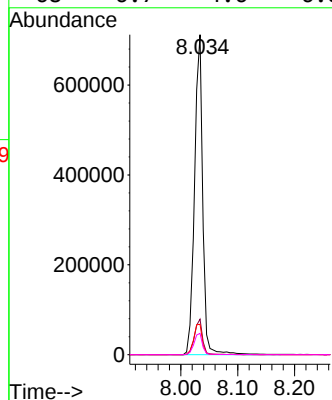
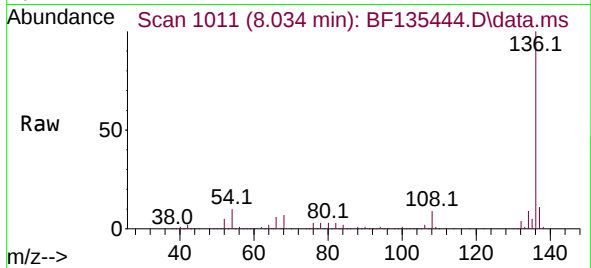




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

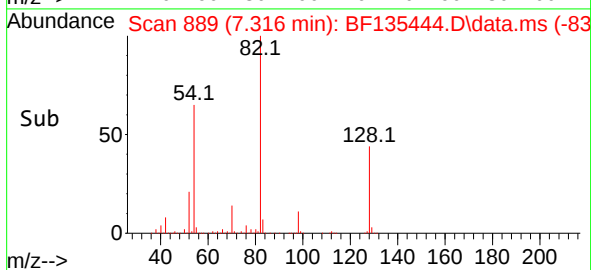
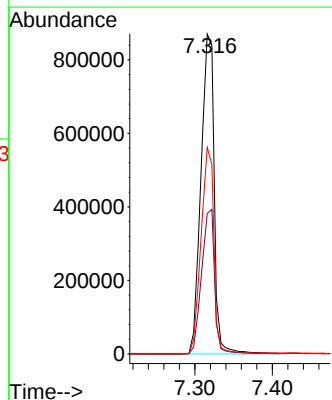
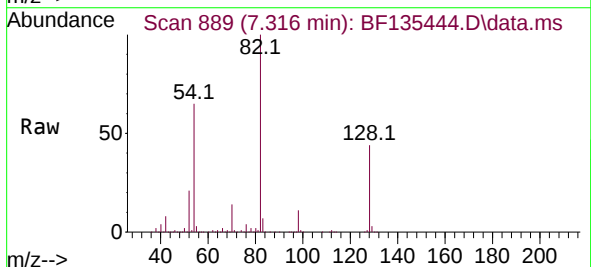
Instrument :
BNA_F
ClientSampleId :
PB155591TB

Tgt Ion:136 Resp: 717023
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.5 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 78.370 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion: 82 Resp: 1034302
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 64.6 50.6 76.0

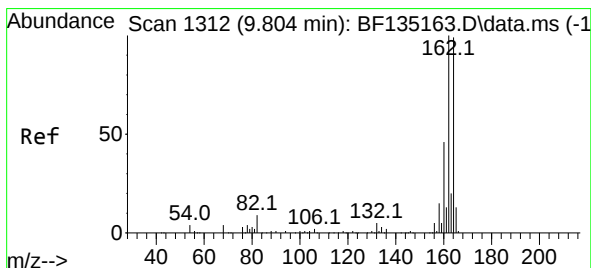
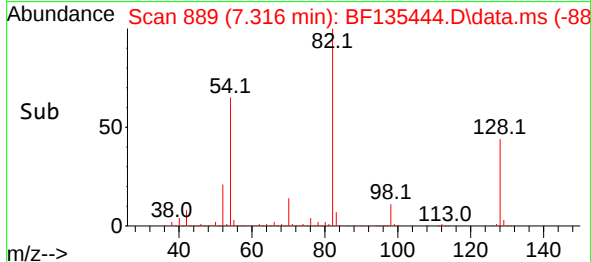
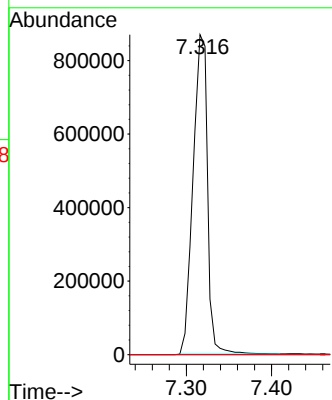
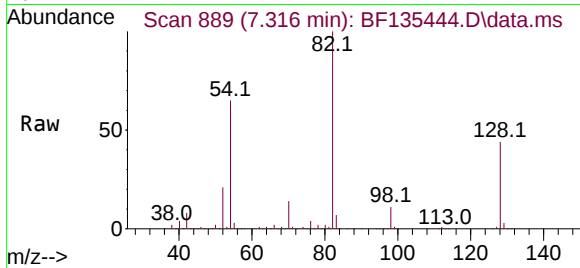




#25
Isophorone
Concen: 42.076 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

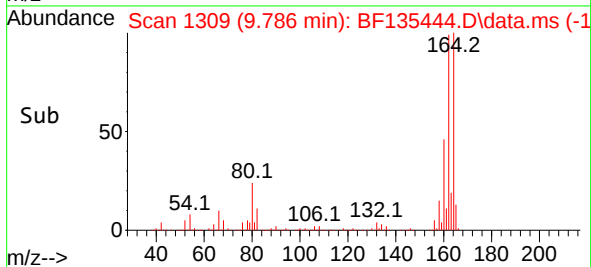
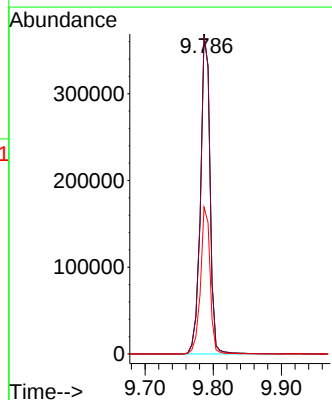
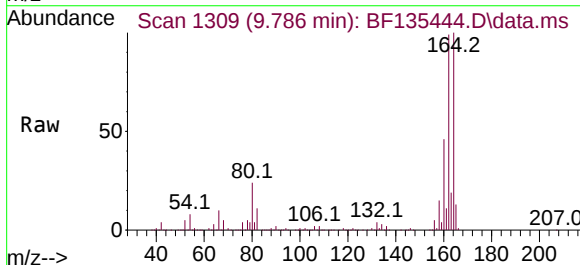
Instrument :
BNA_F
ClientSampleId :
PB155591TB

Tgt Ion: 82 Resp: 1019690
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: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

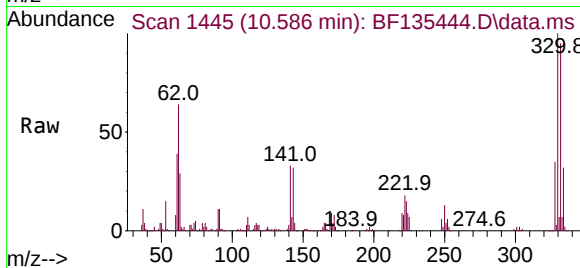
Tgt Ion: 164 Resp: 357716
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 45.9 37.0 55.4



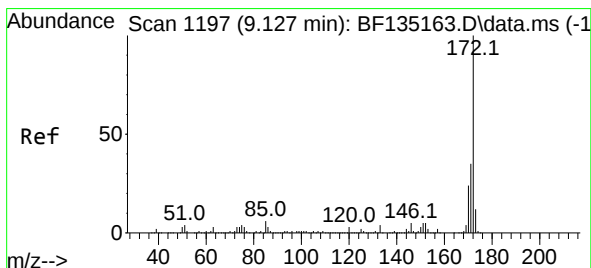
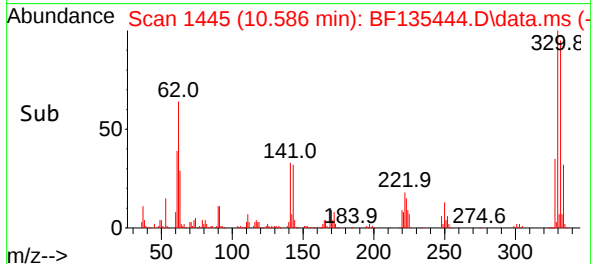
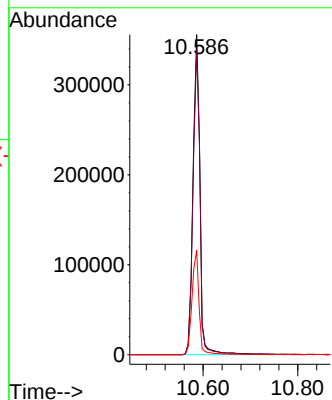


#42
2,4,6-Tribromophenol
Concen: 101.961 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Instrument :
BNA_F
ClientSampleId :
PB155591TB

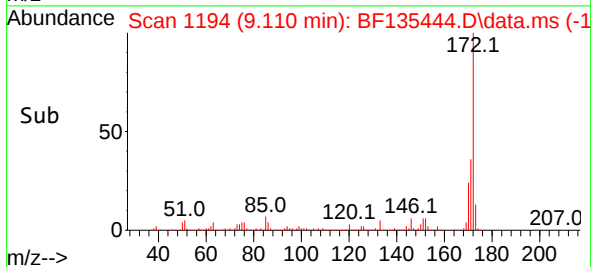
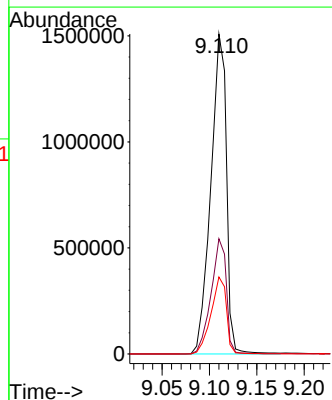
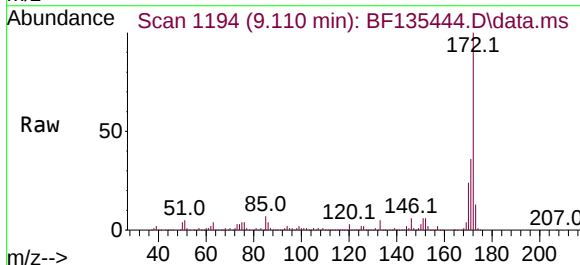


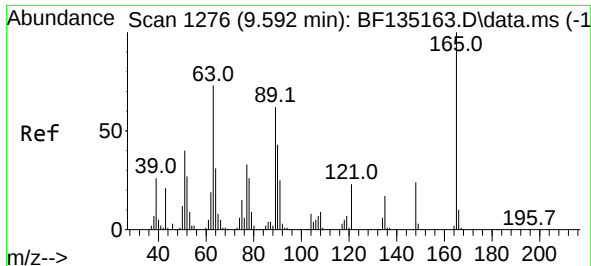
Tgt Ion:330 Resp: 362455
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 33.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.238 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion:172 Resp: 1736453
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 19.0 28.4

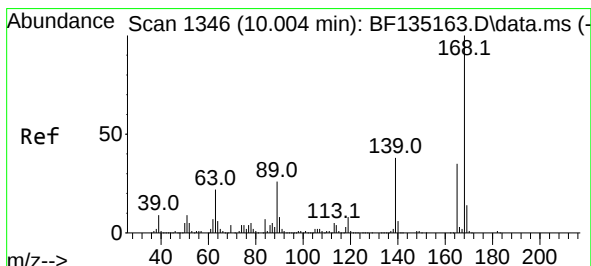
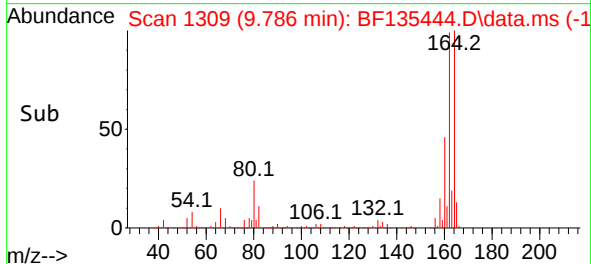
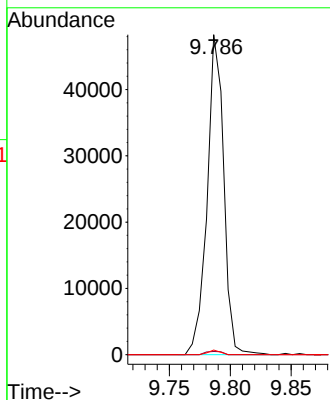
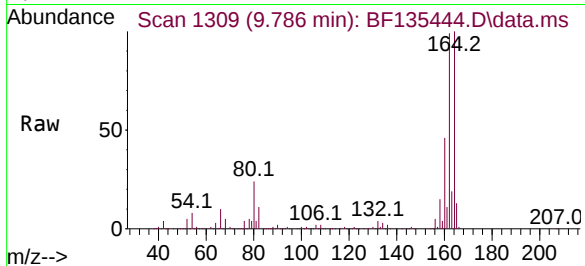




#51
2,6-Dinitrotoluene
Concen: 8.606 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

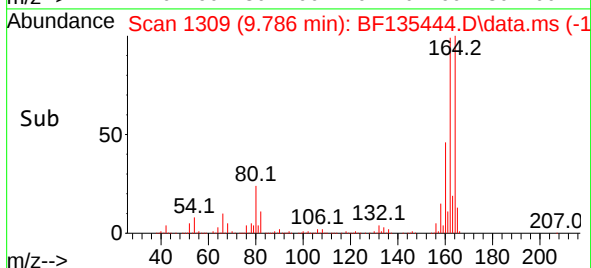
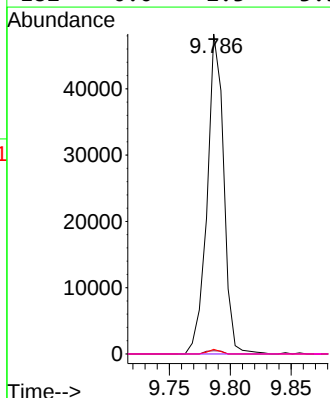
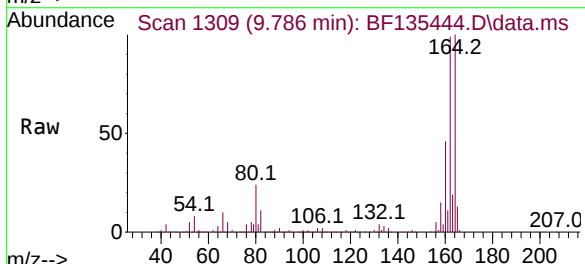
Instrument :
BNA_F
ClientSampleId :
PB155591TB

Tgt Ion:165 Resp: 45594
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135444.D
Acq: 26 Sep 2023 10:43

Tgt Ion:165 Resp: 45594
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB155591TB

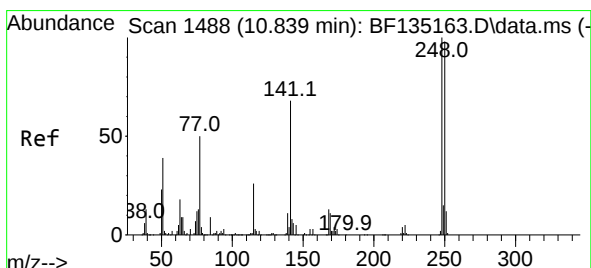
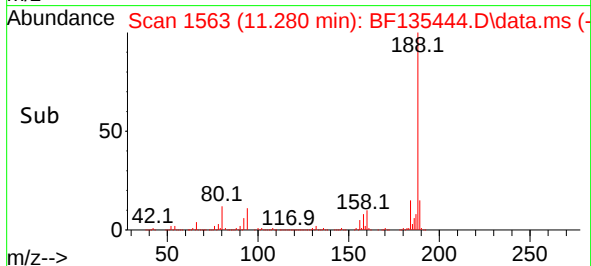
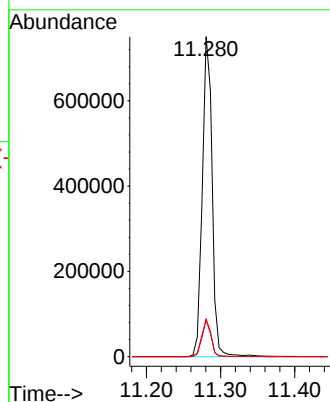
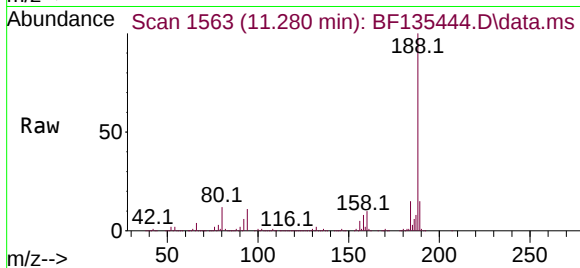
Tgt Ion:188 Resp: 690338

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 11.8 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.282 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

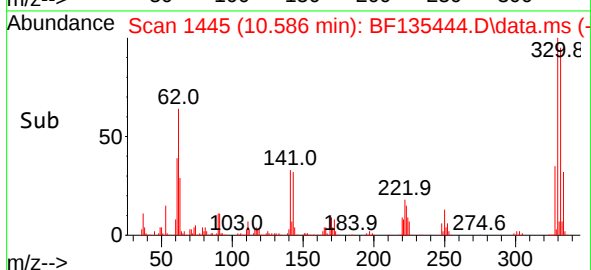
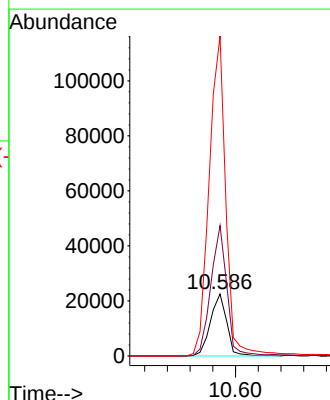
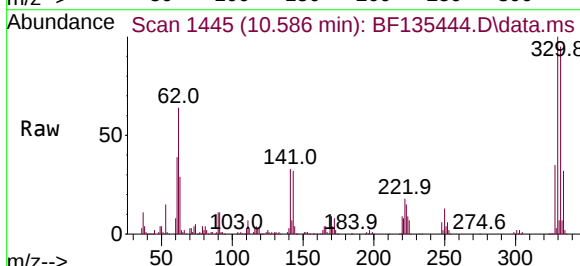
Tgt Ion:248 Resp: 22535

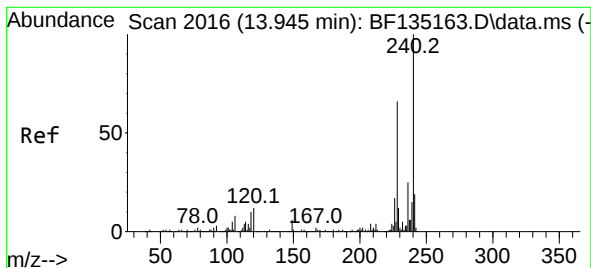
Ion Ratio Lower Upper

248 100

250 210.4 78.6 117.8#

141 516.5 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB155591TB

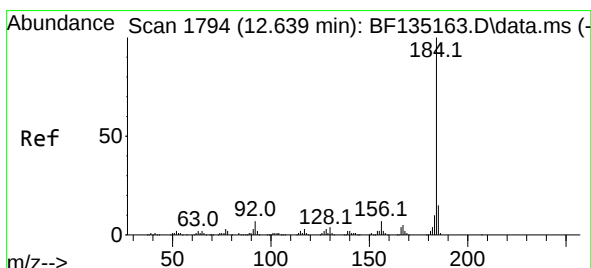
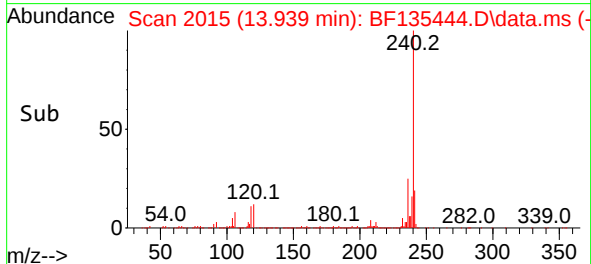
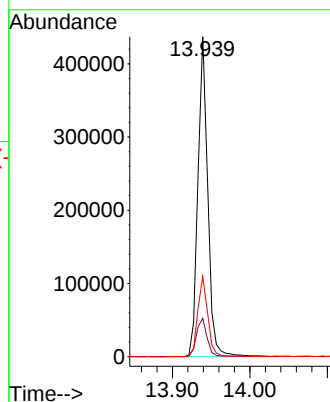
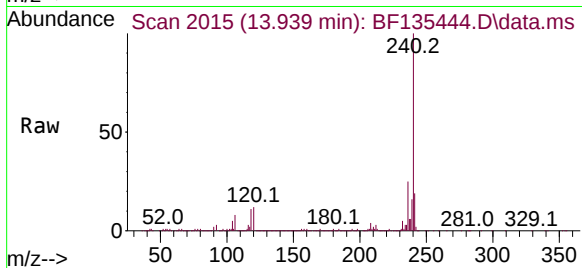
Tgt Ion:240 Resp: 387070

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 25.1 19.8 29.8



#77

Benzidine

Concen: 2.810 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

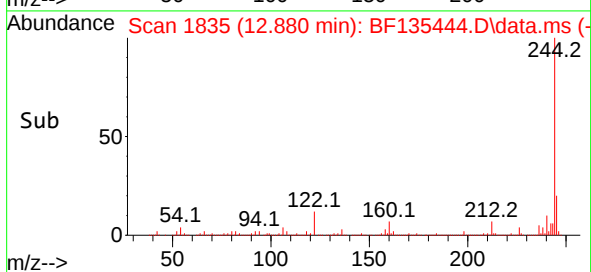
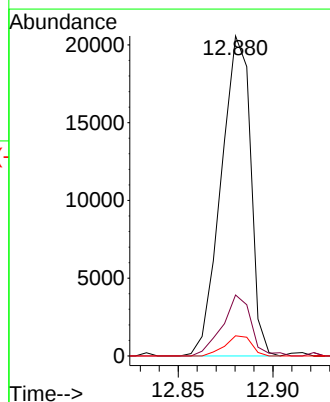
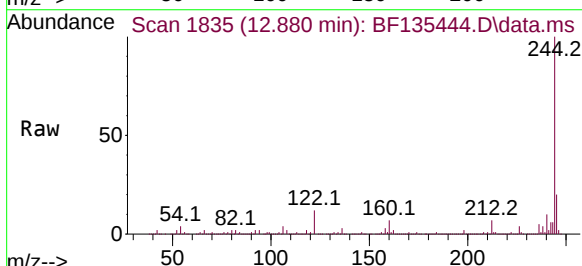
Tgt Ion:184 Resp: 22285

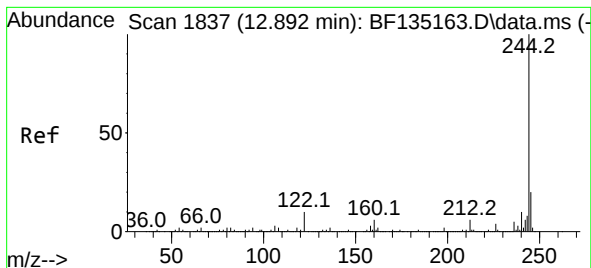
Ion Ratio Lower Upper

184 100

185 19.1 11.7 17.5#

183 6.3 8.2 12.4#





#79

Terphenyl-d14

Concen: 67.433 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135444.D

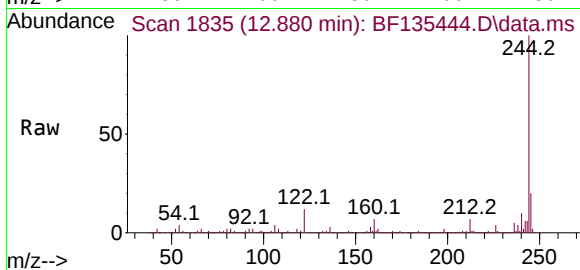
Acq: 26 Sep 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB155591TB



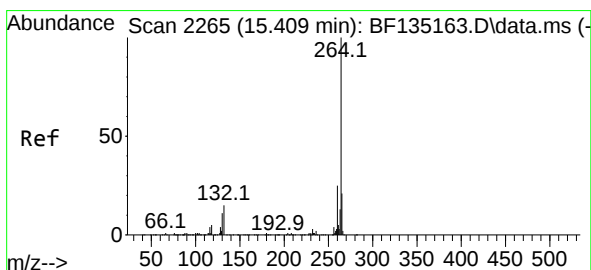
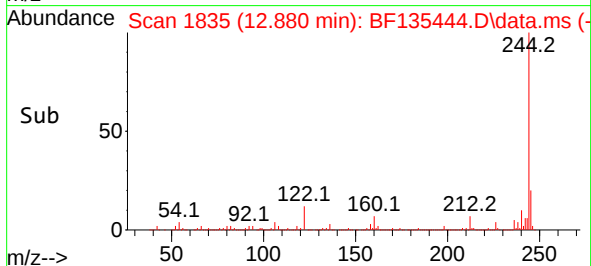
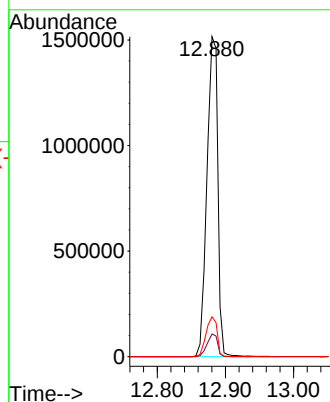
Tgt Ion:244 Resp: 1683736

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 12.4 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135444.D

Acq: 26 Sep 2023 10:43

Tgt Ion:264 Resp: 346610

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.7 17.0 25.4

