

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135303.D
 Acq On : 18 Sep 2023 13:20
 Operator : CG\JU
 Sample : PB155524BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BL

Quant Time: Sep 18 16:12:26 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 12 00:19:07 2023
 Response via : Initial Calibration

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

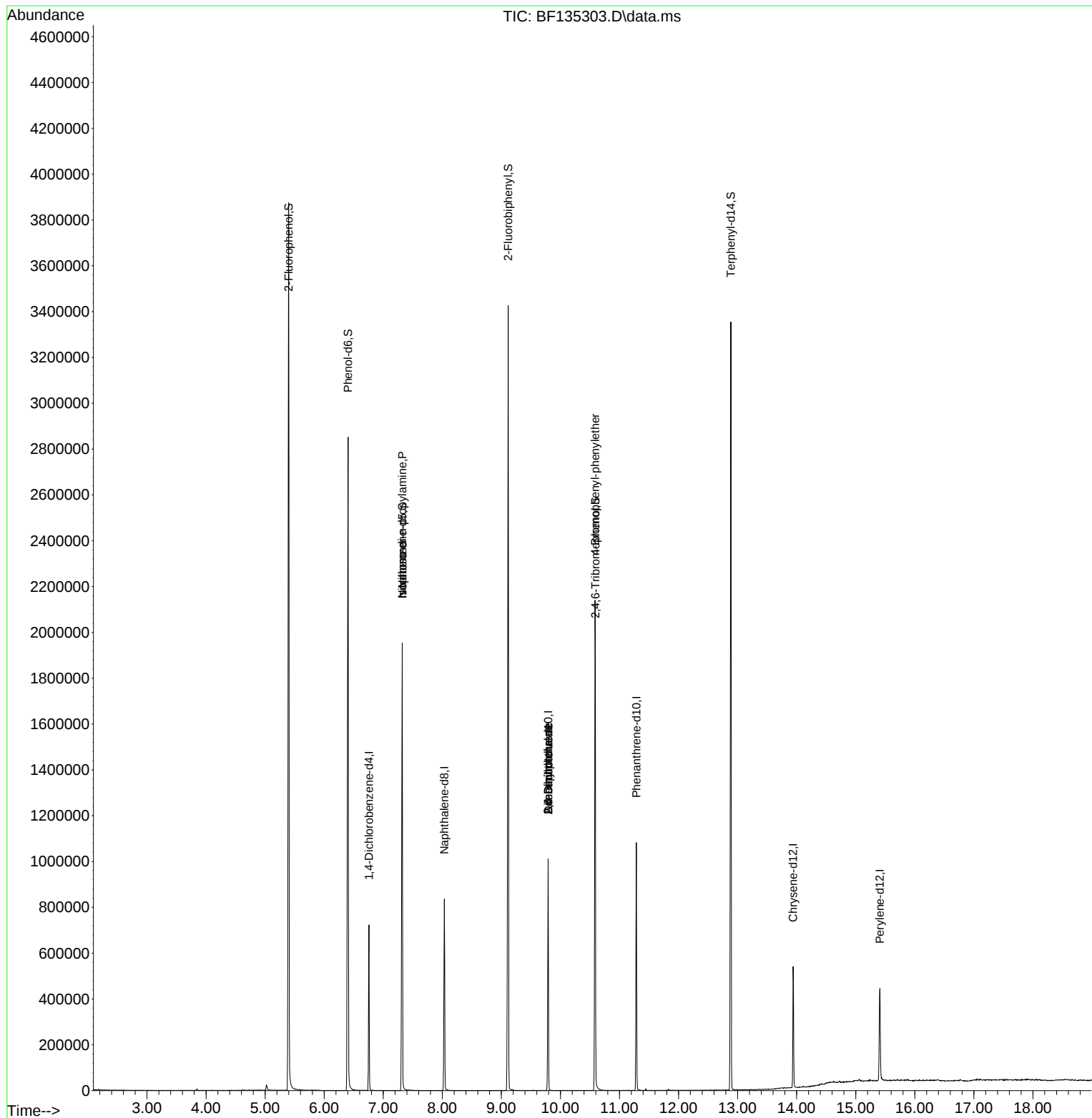
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	96747	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	370864	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	191670	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	377901	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180506	20.000	ng	0.00
86) Perylene-d12	15.409	264	204329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1076990	181.056	ng	0.01
7) Phenol-d6	6.404	99	993848	131.397	ng	0.00
23) Nitrobenzene-d5	7.322	82	623726	91.372	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	282503	148.316	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1169584	92.063	ng	-0.01
79) Terphenyl-d14	12.886	244	1220080	104.781	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	84171	17.966	ng	# 77
25) Isophorone	7.322	82	622314	49.647	ng	# 65
50) Dimethylphthalate	9.792	163	37998	2.932	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	25312	8.916	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	25312	7.122	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	17391	4.627	ng	# 1

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

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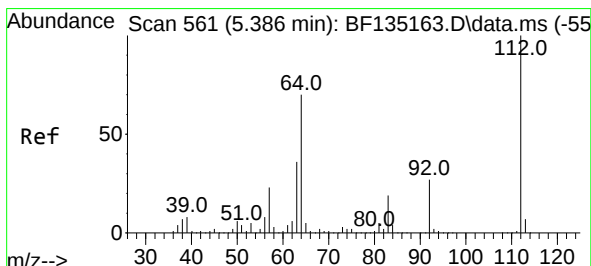
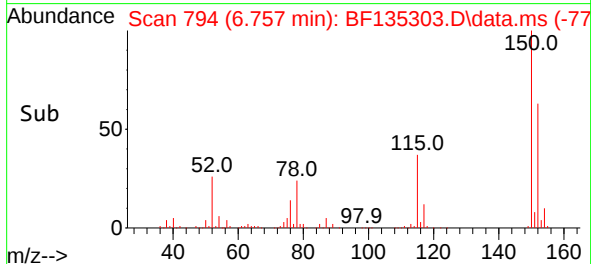
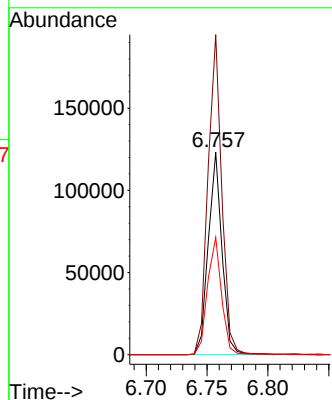
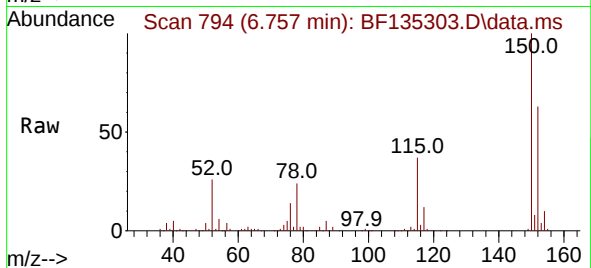




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135303.D
 Acq: 18 Sep 2023 13:20

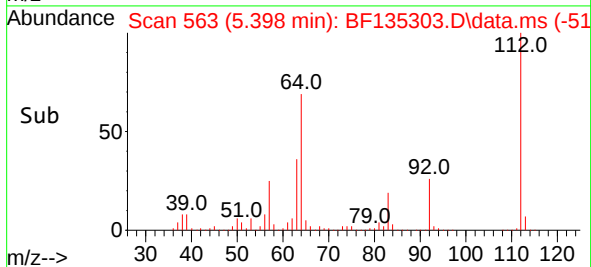
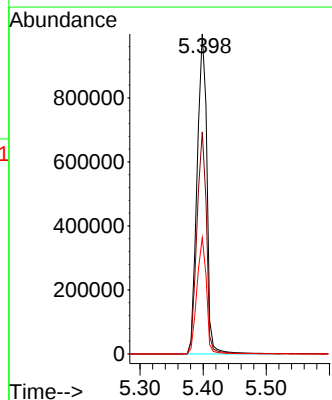
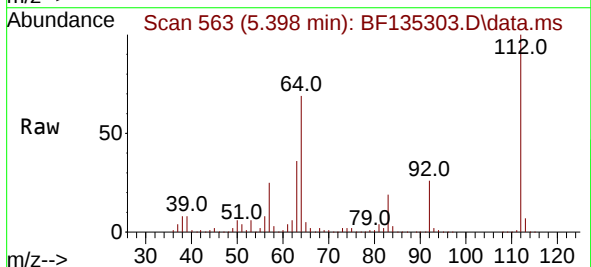
Instrument :
 BNA_F
 ClientSampleId :
 PB155524BL

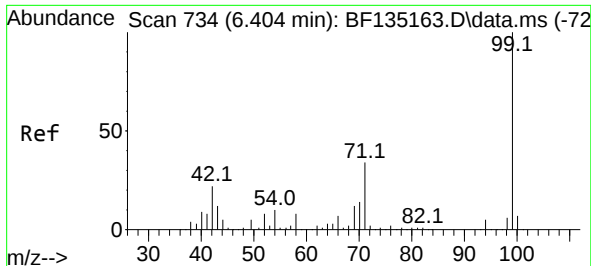
Tgt Ion:152 Resp: 96747
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.8 191.6
 115 57.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 181.056 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135303.D
 Acq: 18 Sep 2023 13:20

Tgt Ion:112 Resp: 1076990
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.9 83.9
 63 36.3 29.0 43.6





#7

Phenol-d6

Concen: 131.397 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135303.D

Acq: 18 Sep 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB155524BL

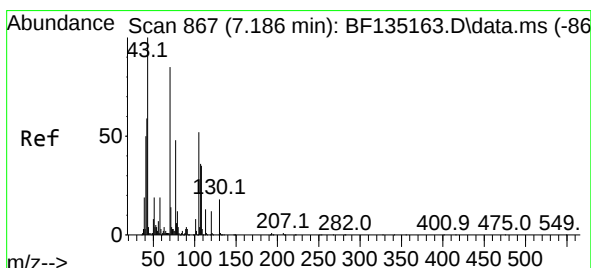
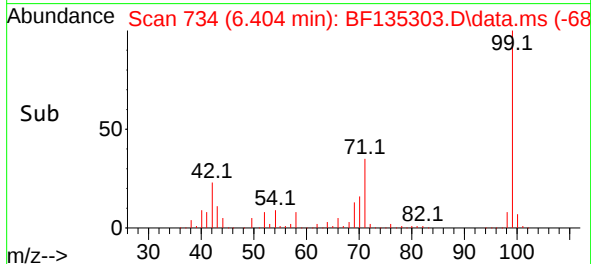
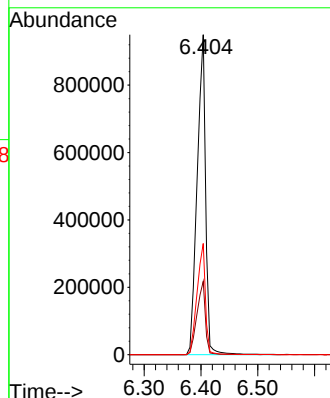
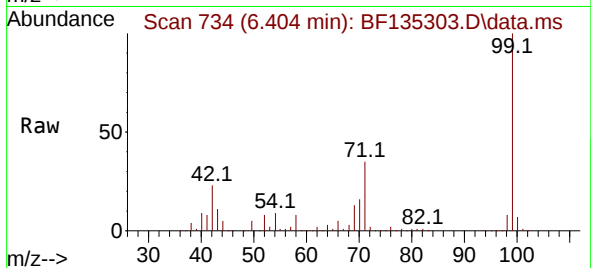
Tgt Ion: 99 Resp: 993848

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 34.7 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.966 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.135 min

Lab File: BF135303.D

Acq: 18 Sep 2023 13:20

Tgt Ion: 70 Resp: 84171

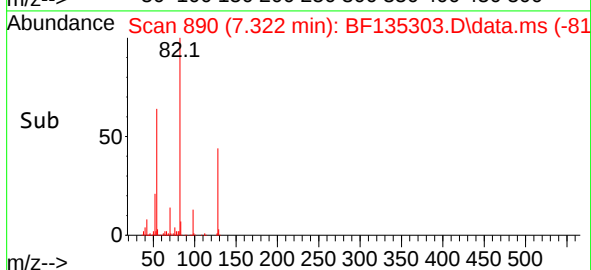
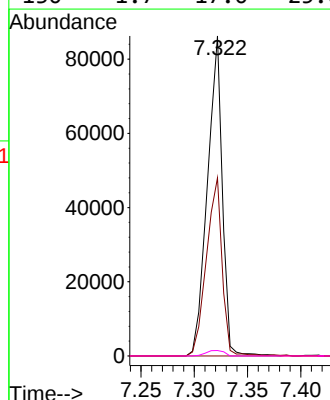
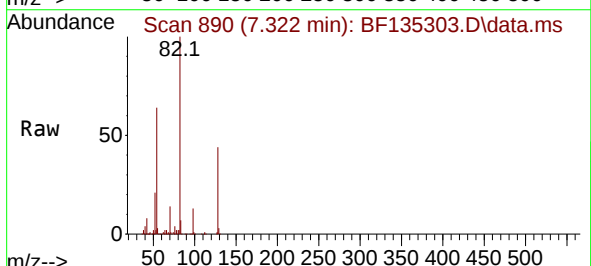
Ion Ratio Lower Upper

70 100

42 55.6 55.4 83.0

101 0.0 7.7 11.5#

130 1.7 17.0 25.6#

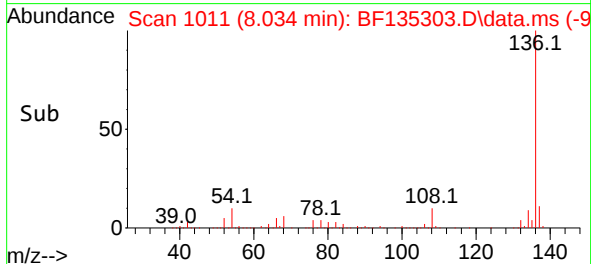
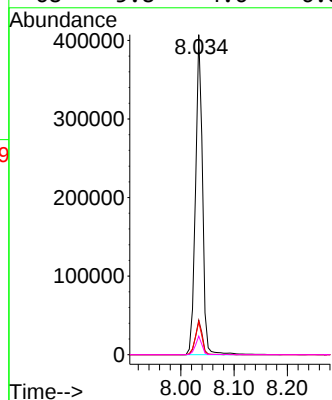
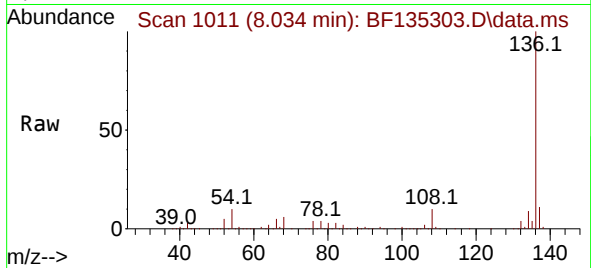




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

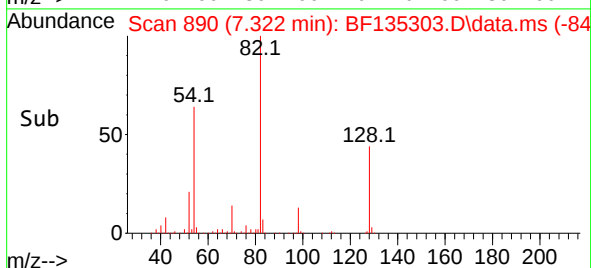
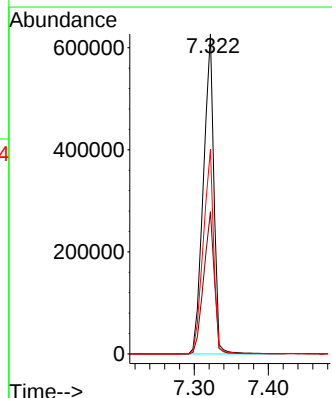
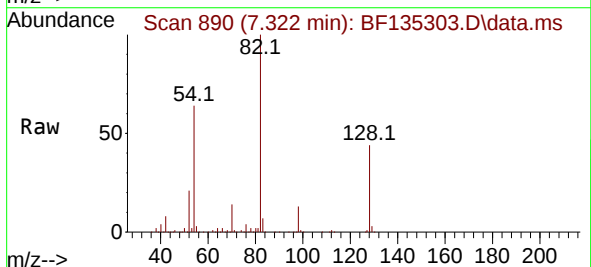
Instrument :
BNA_F
ClientSampleId :
PB155524BL

Tgt Ion:136 Resp: 370864
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 7.7 11.5
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.372 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

Tgt Ion: 82 Resp: 623726
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 64.0 50.6 76.0

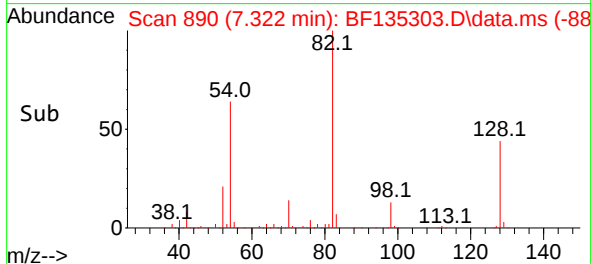
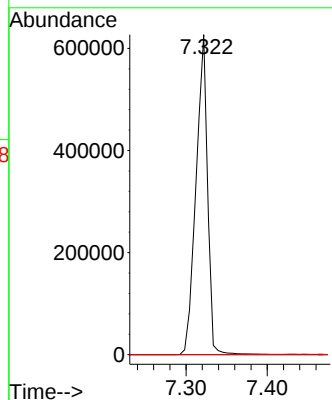
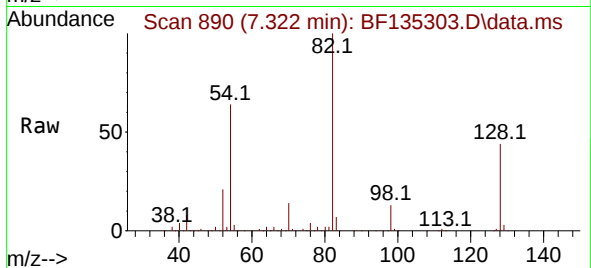




#25
Isophorone
Concen: 49.647 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

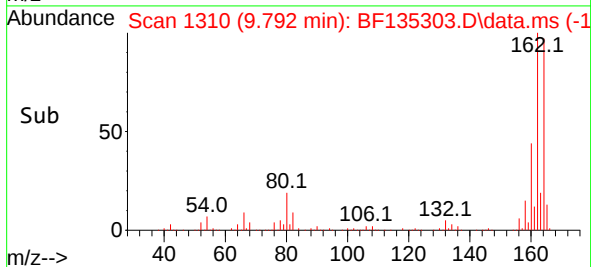
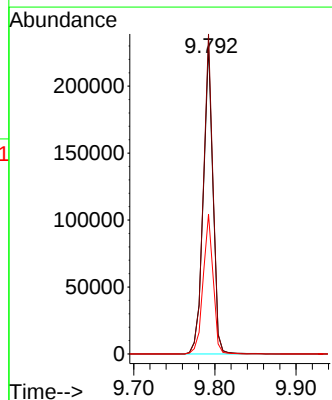
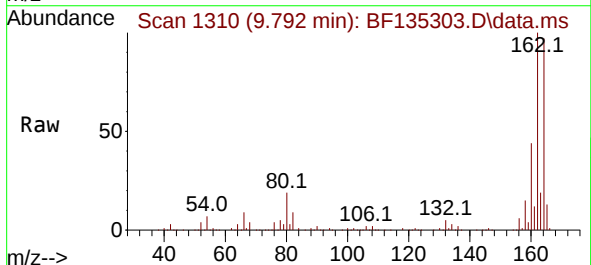
Instrument :
BNA_F
ClientSampleId :
PB155524BL

Tgt Ion: 82 Resp: 622314
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: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

Tgt Ion:164 Resp: 191670
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.4
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 148.316 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135303.D

Acq: 18 Sep 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB155524BL

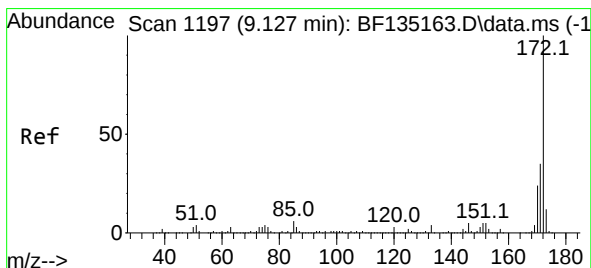
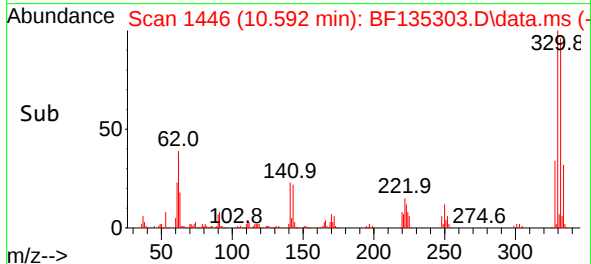
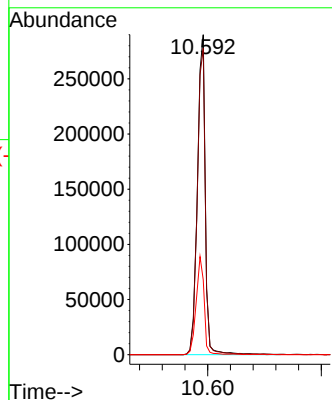
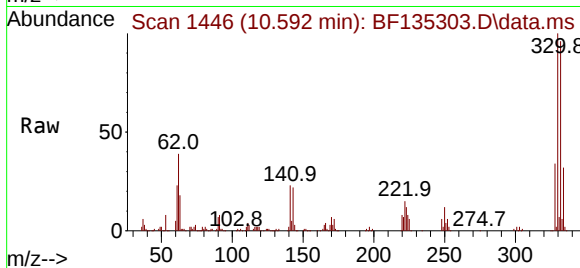
Tgt Ion:330 Resp: 282503

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 30.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 92.063 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135303.D

Acq: 18 Sep 2023 13:20

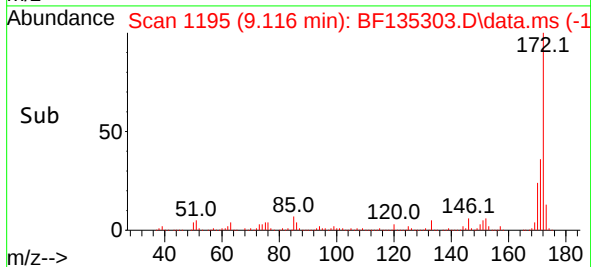
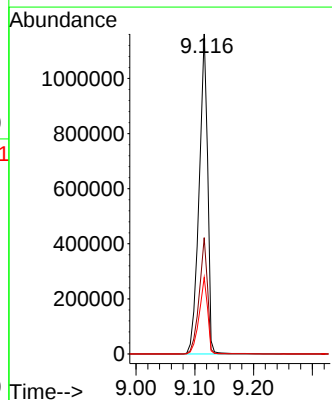
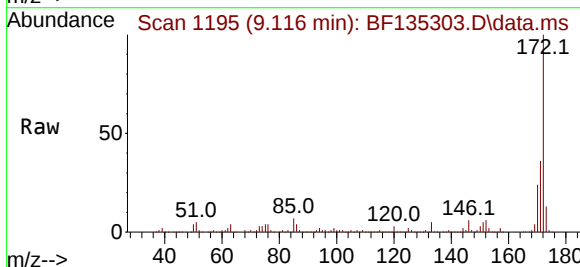
Tgt Ion:172 Resp: 1169584

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 23.9 19.0 28.4

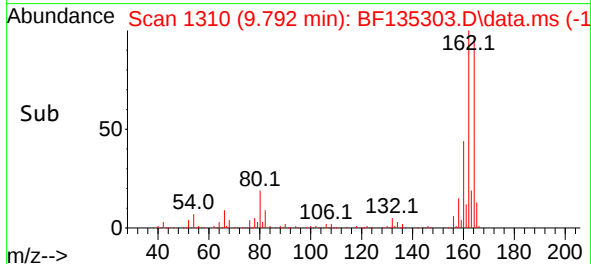
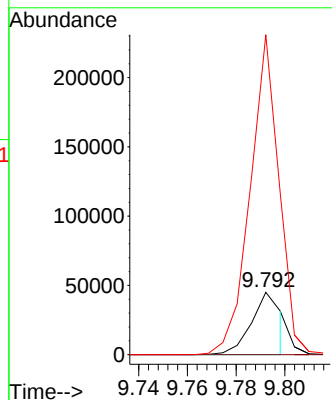
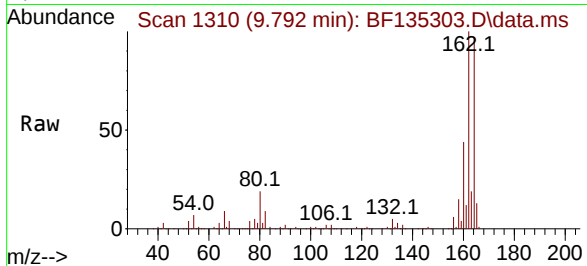




#50
Dimethylphthalate
Concen: 2.932 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

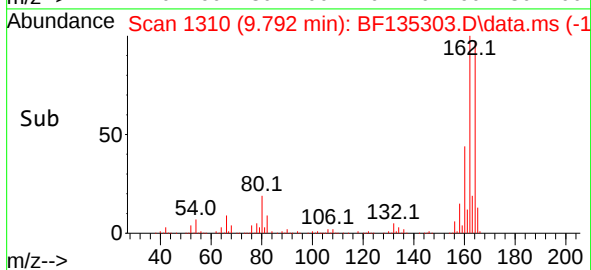
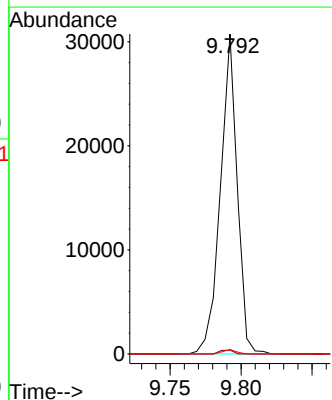
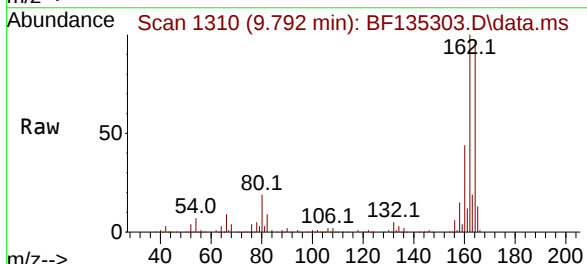
Instrument :
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PB155524BL

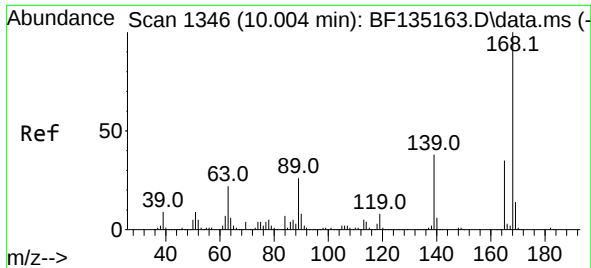
Tgt Ion:163 Resp: 37998
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 513.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

Tgt Ion:165 Resp: 25312
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.4 49.8 74.8#

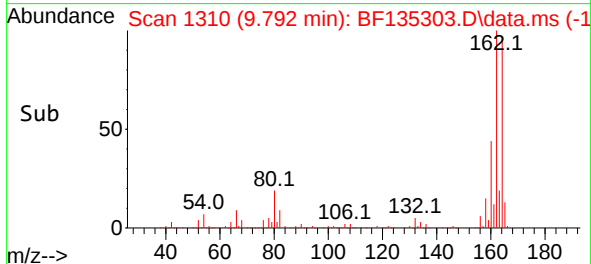
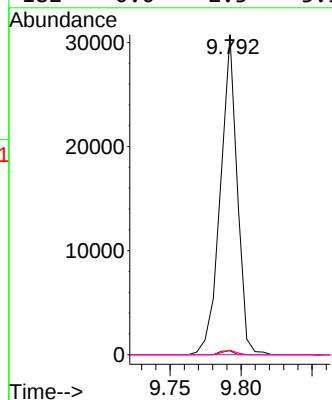
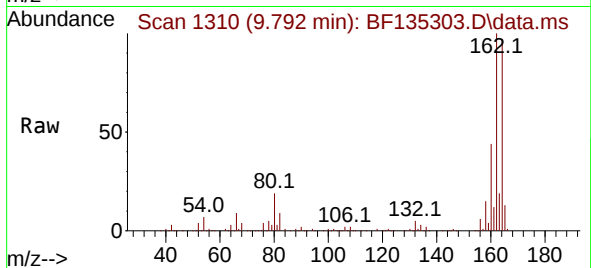




#57
2,4-Dinitrotoluene
Concen: 7.122 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

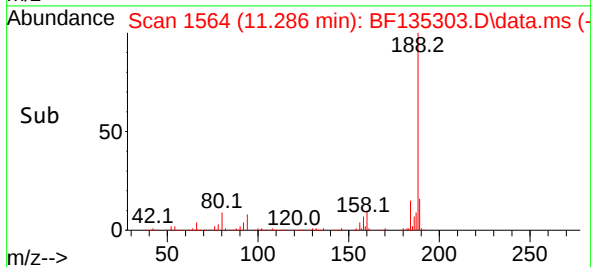
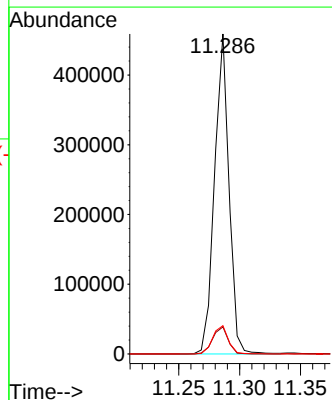
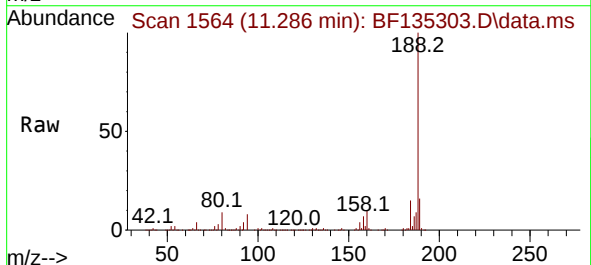
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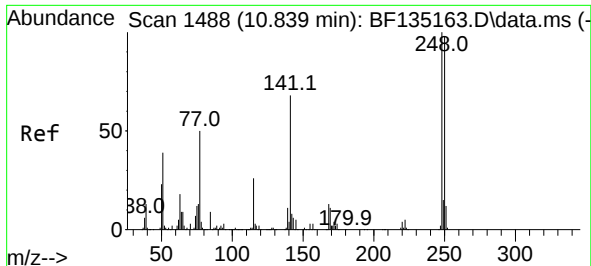
Tgt Ion:165 Resp: 25312
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

Tgt Ion:188 Resp: 377901
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.9 7.5 11.3

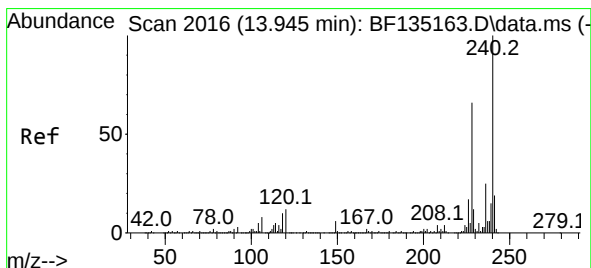
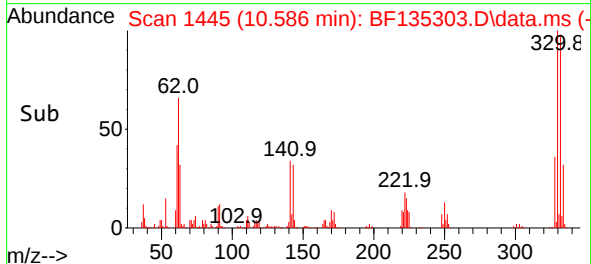
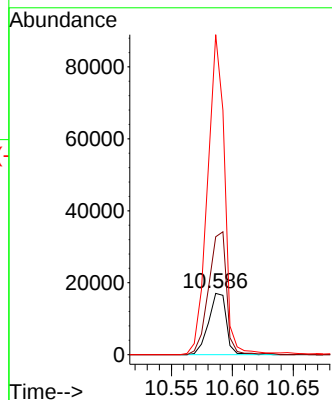
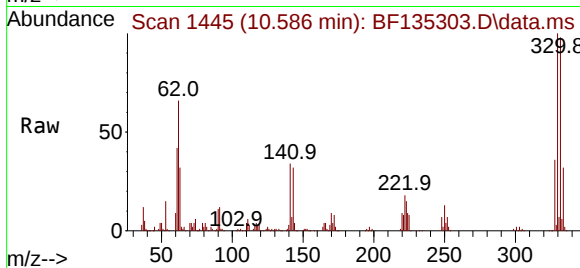




#67
4-Bromophenyl-phenylether
Concen: 4.627 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

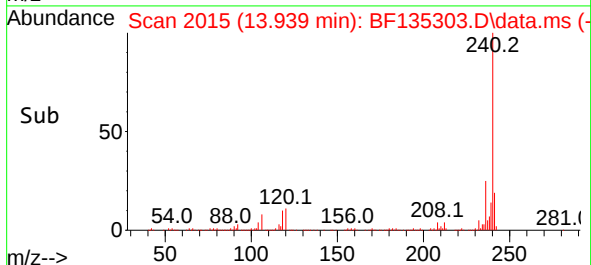
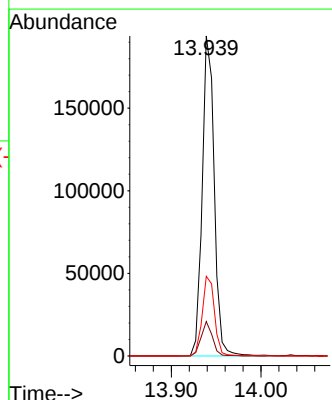
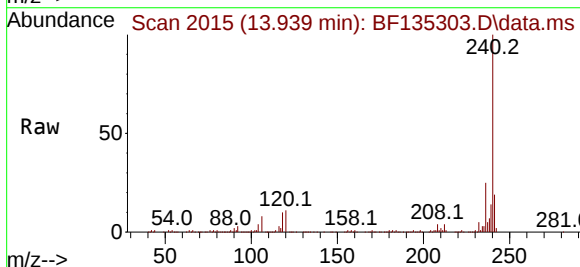
Instrument :
BNA_F
ClientSampleId :
PB155524BL

Tgt Ion:248 Resp: 17391
Ion Ratio Lower Upper
248 100
250 192.4 78.6 117.8#
141 522.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135303.D
Acq: 18 Sep 2023 13:20

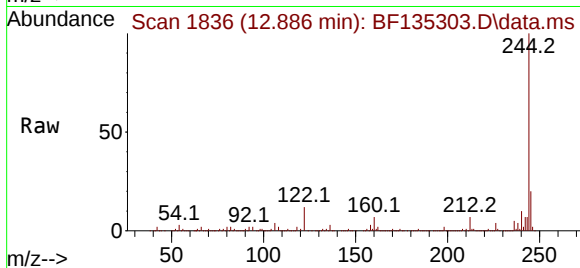
Tgt Ion:240 Resp: 180506
Ion Ratio Lower Upper
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120 10.8 9.4 14.2
236 24.9 19.8 29.8



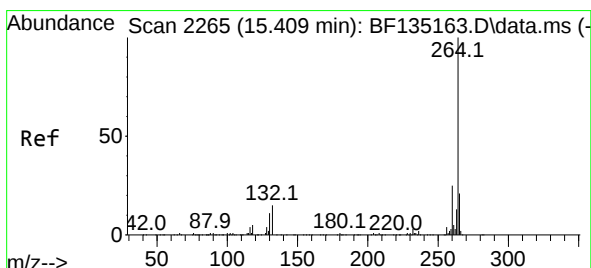
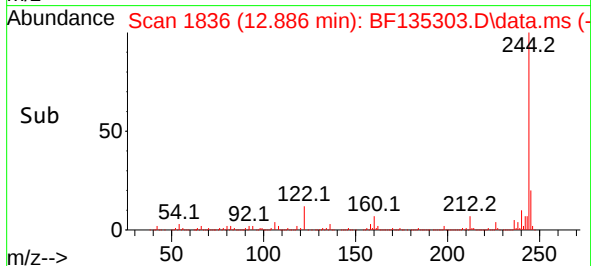
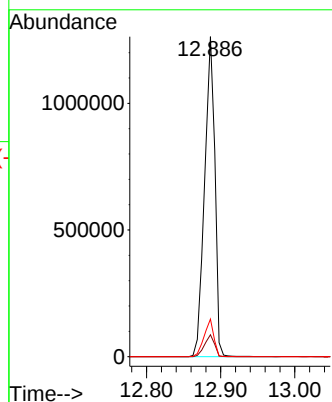


#79
 Terphenyl-d14
 Concen: 104.781 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135303.D
 Acq: 18 Sep 2023 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BL



Tgt Ion:244 Resp: 1220080
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135303.D
 Acq: 18 Sep 2023 13:20

Tgt Ion:264 Resp: 204329
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 21.9 17.0 25.4

