

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135468.D
 Acq On : 27 Sep 2023 12:32
 Operator : CG\JU
 Sample : PB155755TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:43:52 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)

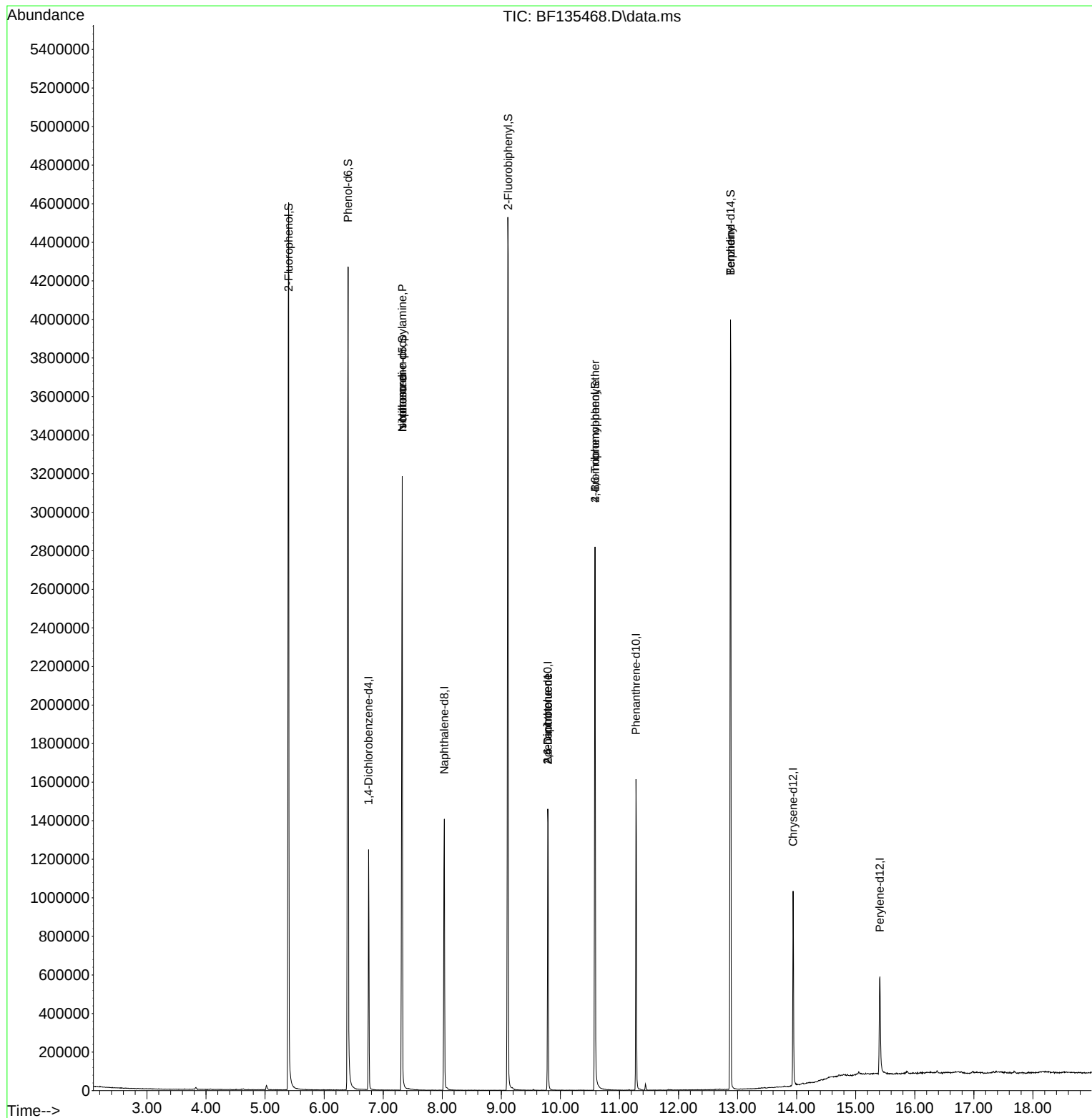
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	169231	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	654039	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	322365	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	602037	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	345118	20.000	ng	0.00
86) Perylene-d12	15.410	264	283664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1324681	127.313	ng	0.02
7) Phenol-d6	6.404	99	1698983	128.414	ng	0.00
23) Nitrobenzene-d5	7.322	82	1077541	89.509	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	354035	110.514	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1738996	81.388	ng	0.00
79) Terphenyl-d14	12.880	244	1695644	76.164	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	141560	17.274	ng	# 78
25) Isophorone	7.322	82	1070818	48.441	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	41112	8.611	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	41112	6.878	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	22274	3.720	ng	# 1
77) Benzidine	12.880	184	21780	3.080	ng	# 95

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

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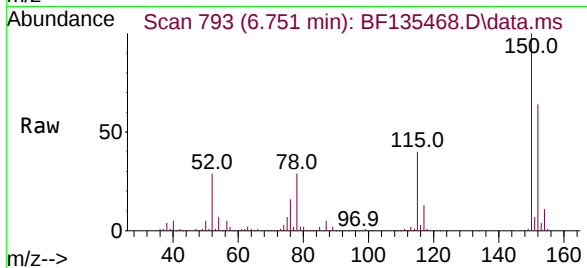
Quant Time: Sep 28 01:43:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



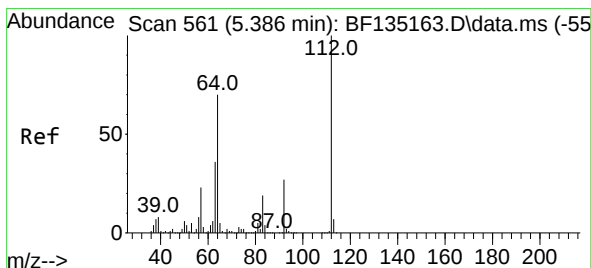
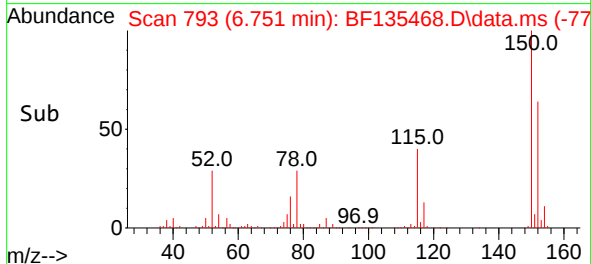
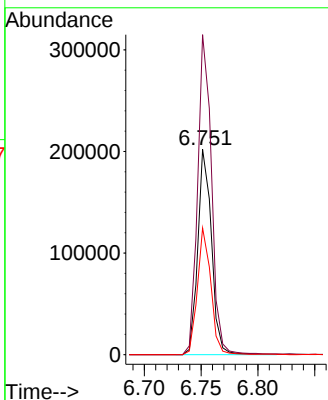


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

Instrument :
BNA_F
ClientSampleId :

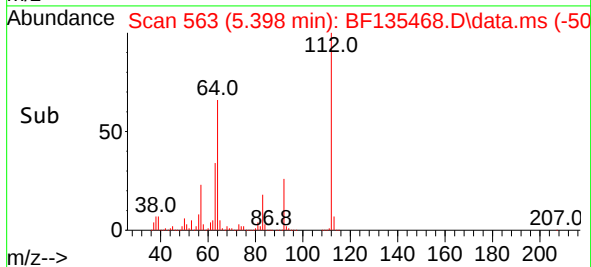
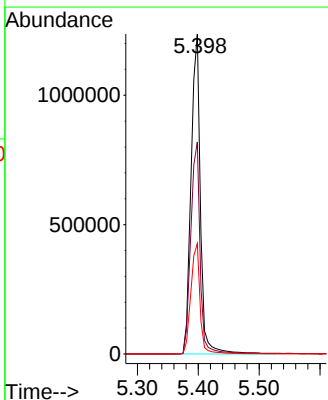
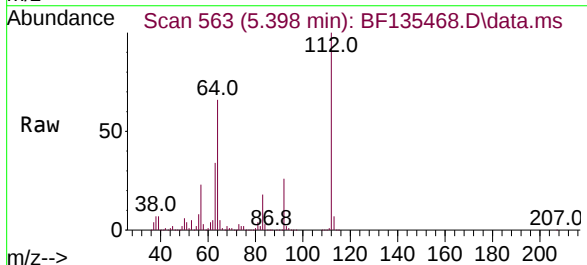


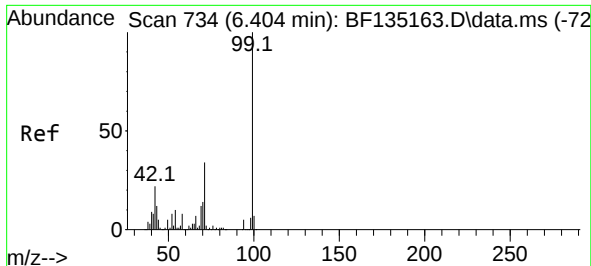
Tgt Ion:152 Resp: 169231
Ion Ratio Lower Upper
152 100
150 155.9 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 127.313 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

Tgt Ion:112 Resp: 1324681
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 34.5 29.0 43.6

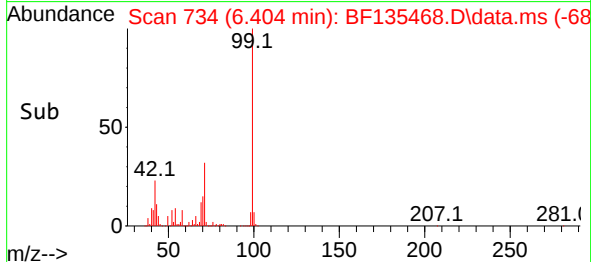
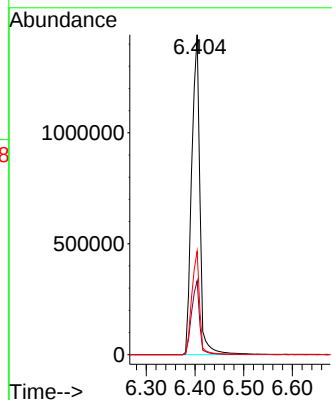
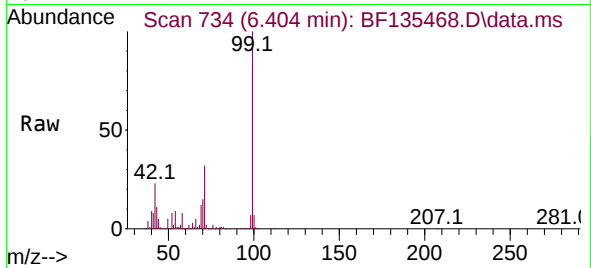




#7
Phenol-d6
Concen: 128.414 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

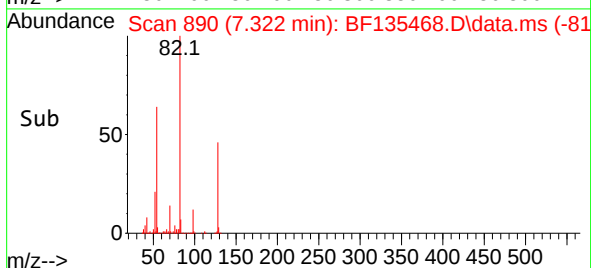
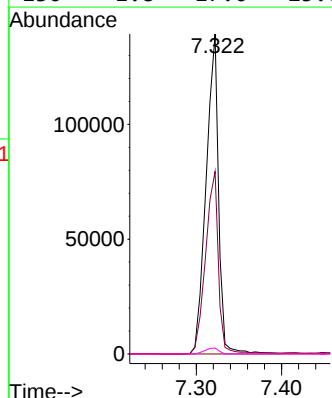
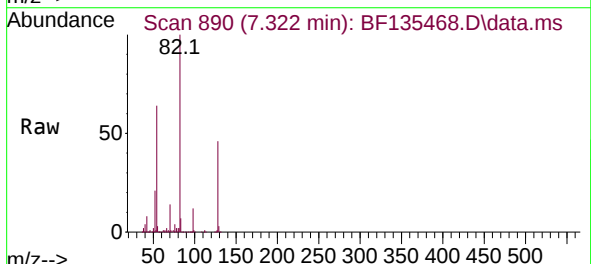
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1698983
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.274 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

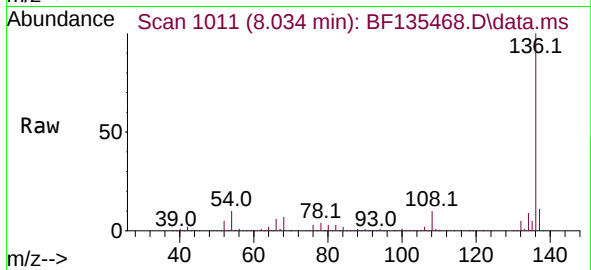
Tgt Ion: 70 Resp: 141560
Ion Ratio Lower Upper
70 100
42 57.0 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#



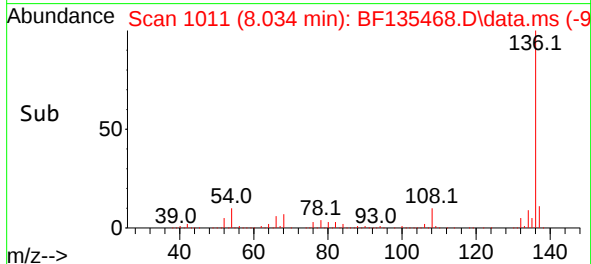
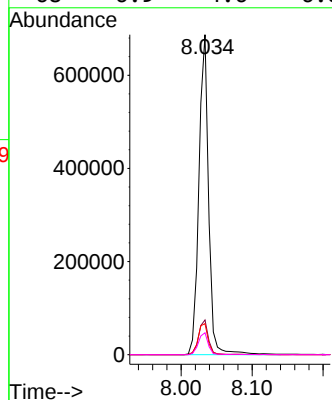


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

Instrument :
BNA_F
ClientSampleId :

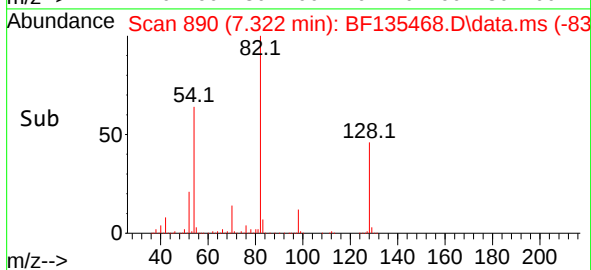
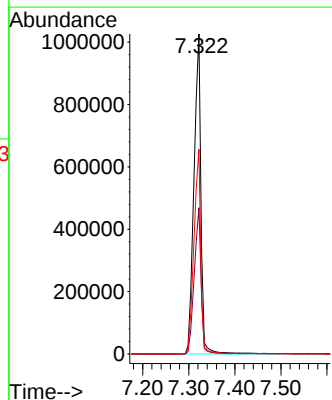
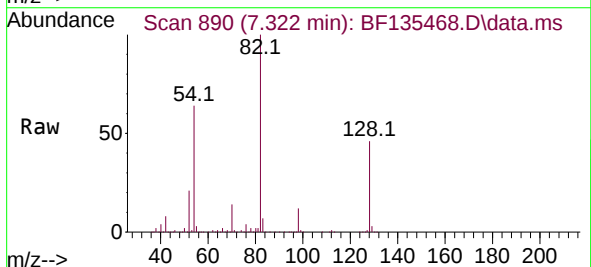


Tgt Ion:136 Resp: 654039
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.7 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 89.509 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

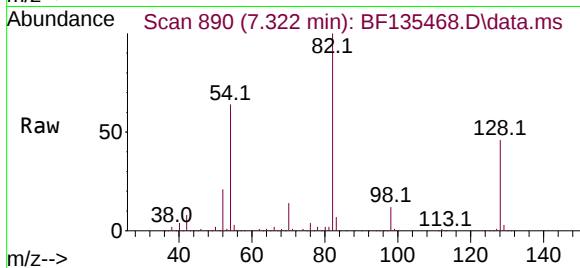
Tgt Ion: 82 Resp: 1077541
Ion Ratio Lower Upper
82 100
128 45.7 35.8 53.6
54 63.9 50.6 76.0



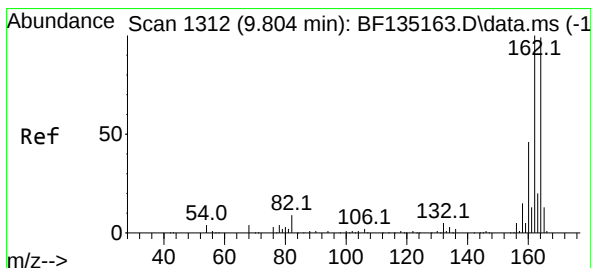
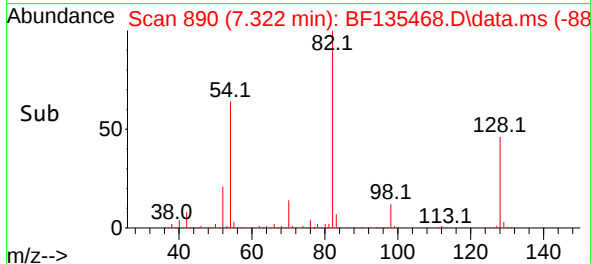
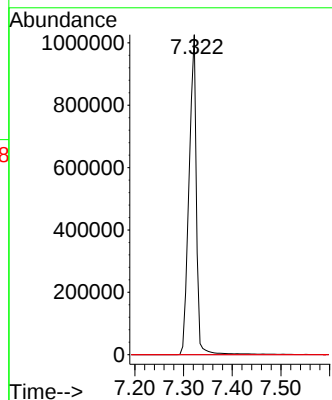


#25
Isophorone
Concen: 48.441 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

Instrument :
BNA_F
ClientSampleId :

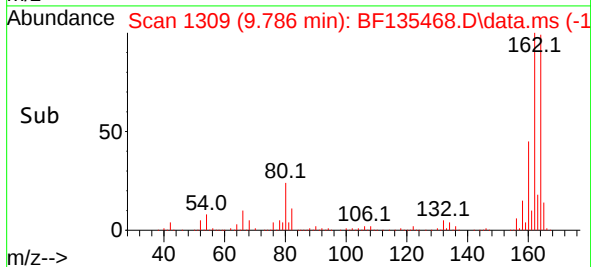
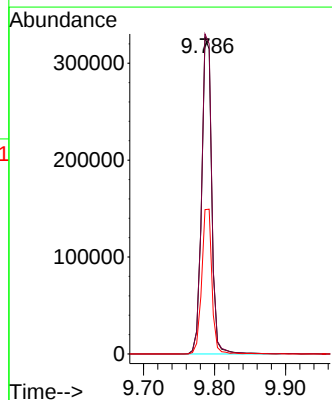
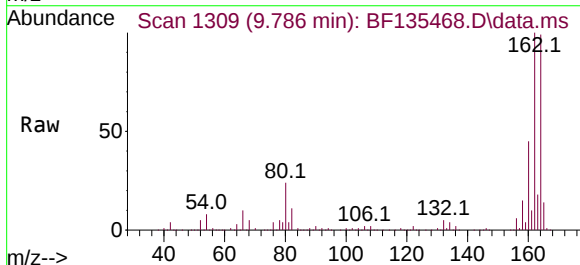


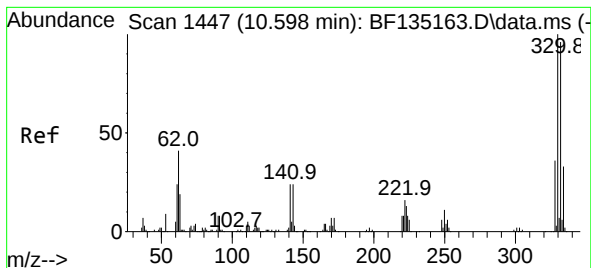
Tgt Ion: 82 Resp: 1070818
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

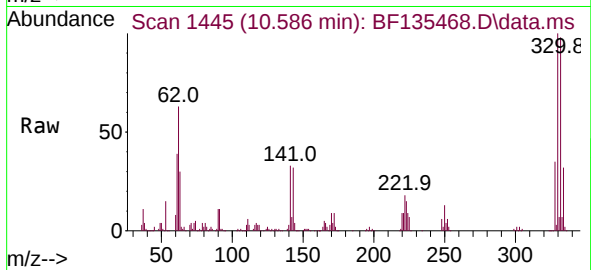
Tgt Ion:164 Resp: 322365
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.6 37.0 55.4



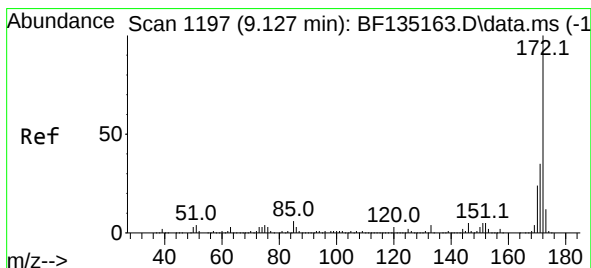
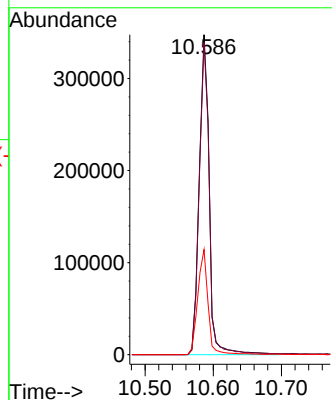
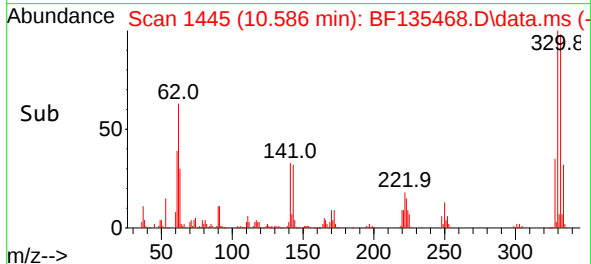


#42
2,4,6-Tribromophenol
Concen: 110.514 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32

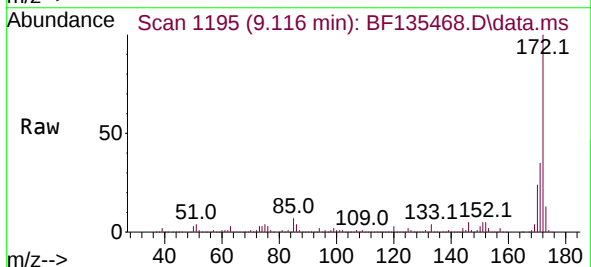
Instrument :
BNA_F
ClientSampleId :



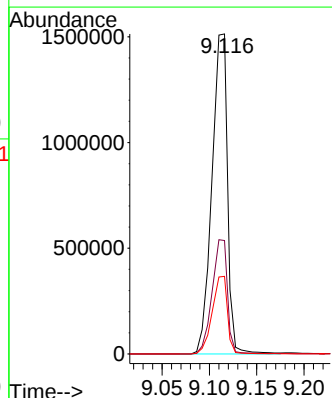
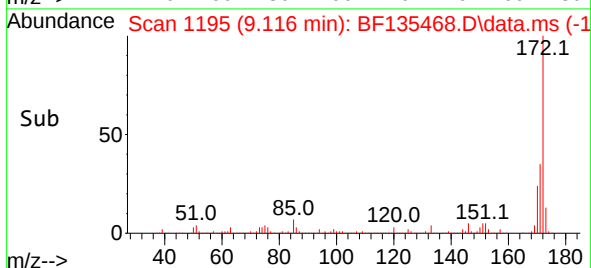
Tgt Ion:330 Resp: 354035
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.388 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF135468.D
Acq: 27 Sep 2023 12:32



Tgt Ion:172 Resp: 1738996
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.611 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.200 min

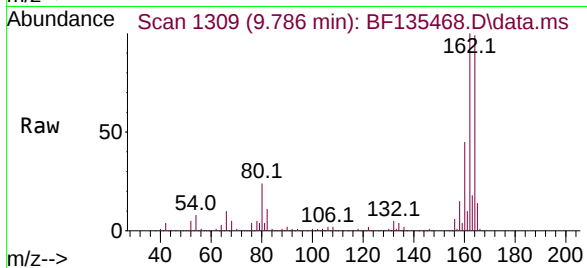
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Acq: 27 Sep 2023 12:32

Instrument :

BNA_F

ClientSampleId :



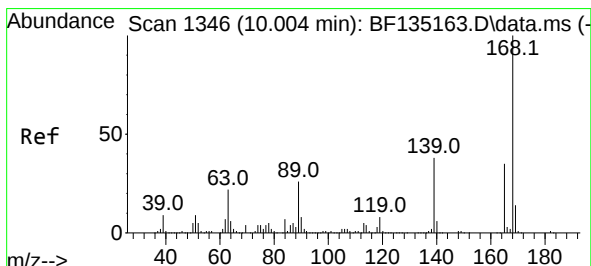
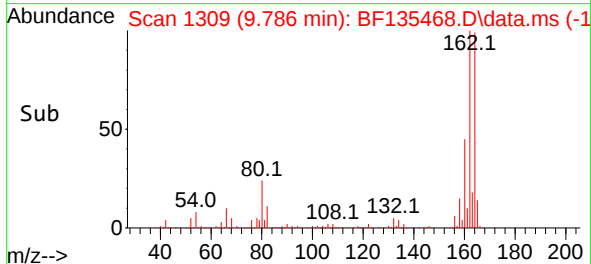
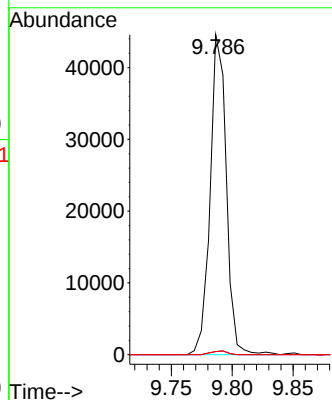
Tgt Ion:165 Resp: 41112

Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.878 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

Tgt Ion:165 Resp: 41112

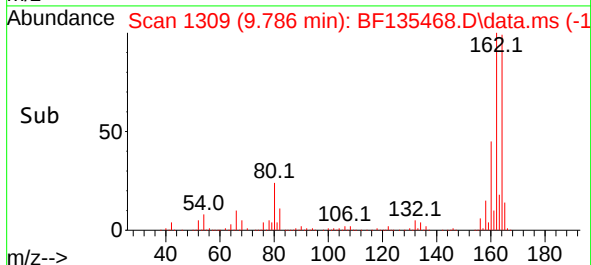
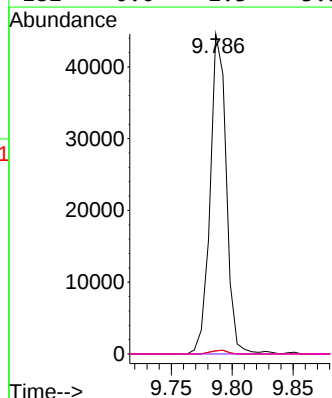
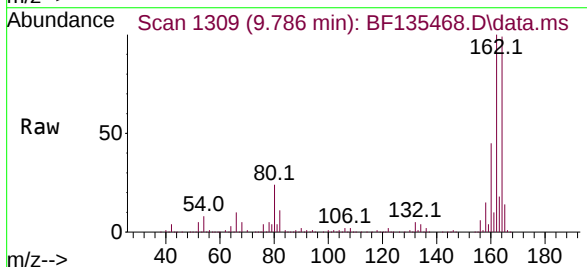
Ion Ratio Lower Upper

165 100

63 0.9 50.1 75.1#

89 1.0 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: BF135468.D

Acq: 27 Sep 2023 12:32

Instrument :

BNA_F

ClientSampleId :

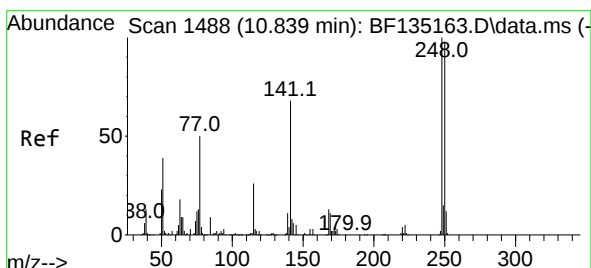
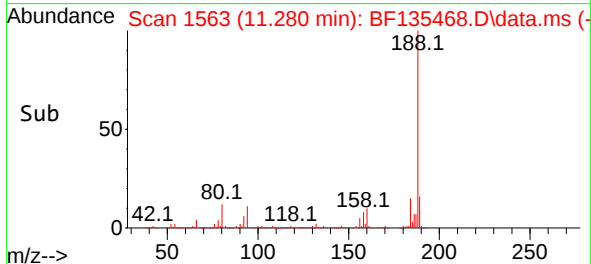
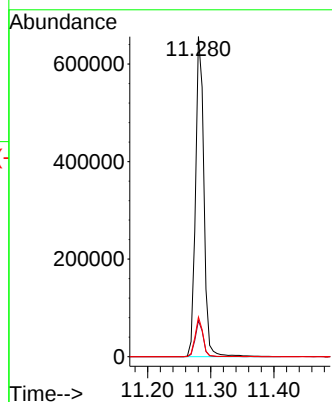
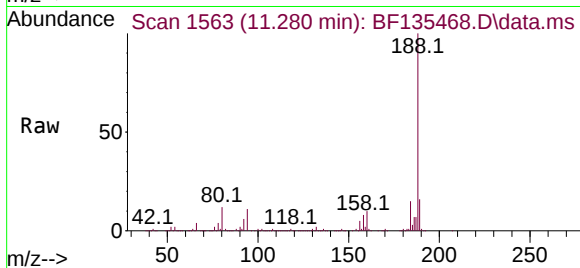
Tgt Ion:188 Resp: 602037

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.4 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.720 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

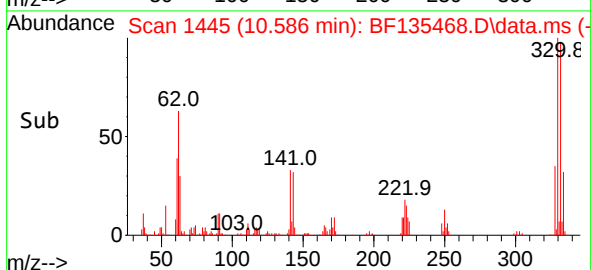
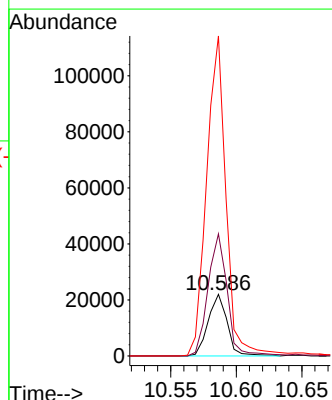
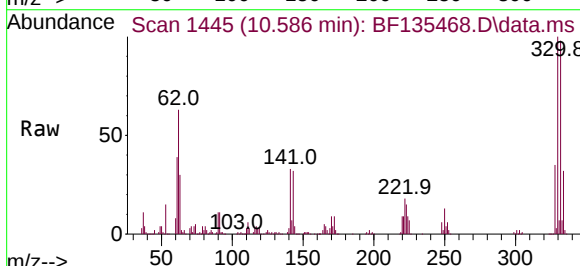
Tgt Ion:248 Resp: 22274

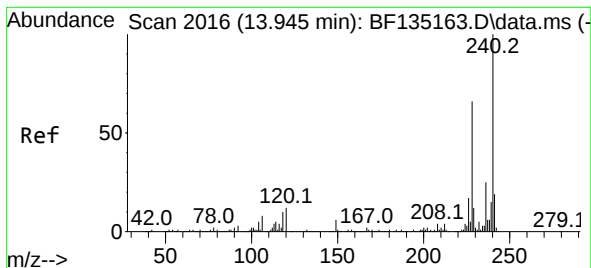
Ion Ratio Lower Upper

248 100

250 198.5 78.6 117.8#

141 520.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

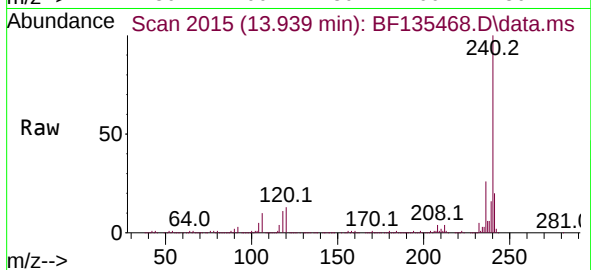
Lab File: BF135468.D

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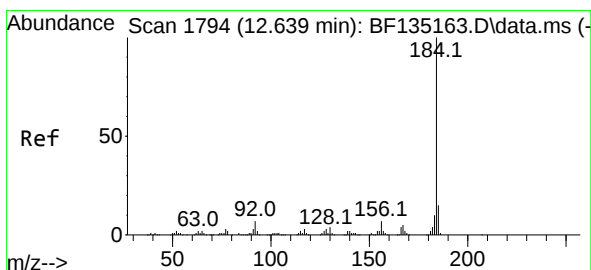
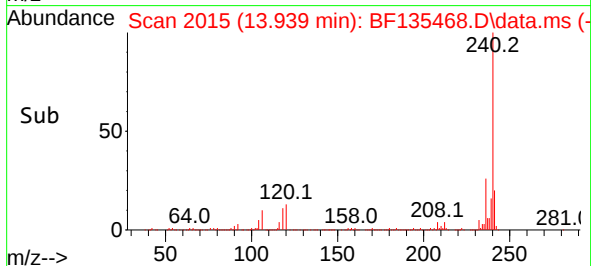
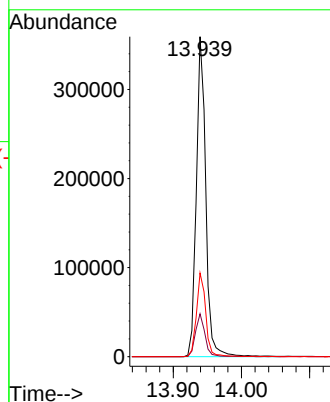
Tgt Ion:240 Resp: 345118

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 26.2 19.8 29.8



#77

Benzidine

Concen: 3.080 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

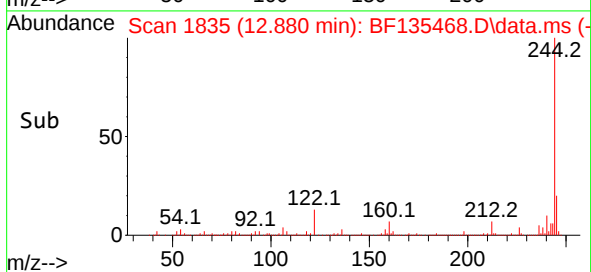
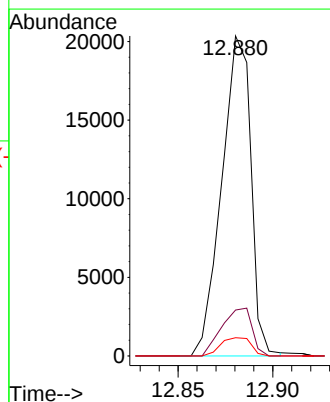
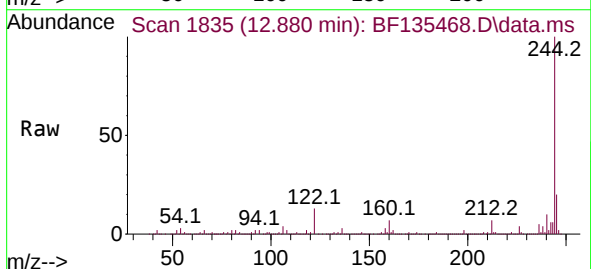
Tgt Ion:184 Resp: 21780

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

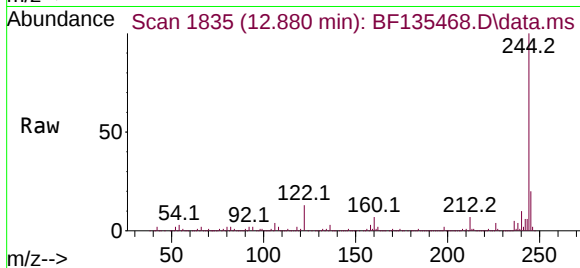
183 5.7 8.2 12.4#



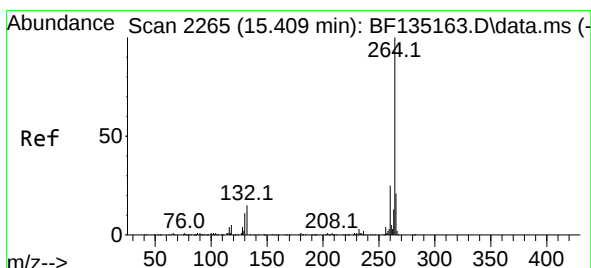
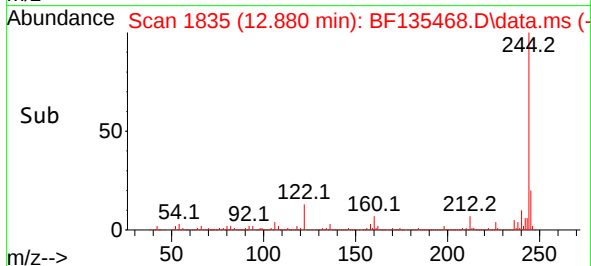
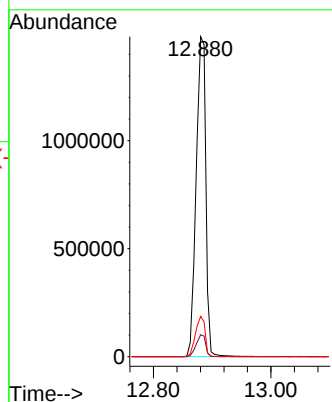


#79
 Terphenyl-d14
 Concen: 76.164 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135468.D
 Acq: 27 Sep 2023 12:32

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1695644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.6 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: BF135468.D
 Acq: 27 Sep 2023 12:32

Tgt Ion:264 Resp: 283664
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.3 17.0 25.4

