

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135478.D
 Acq On : 27 Sep 2023 18:04
 Operator : CG\JU
 Sample : 04566-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:50:42 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)

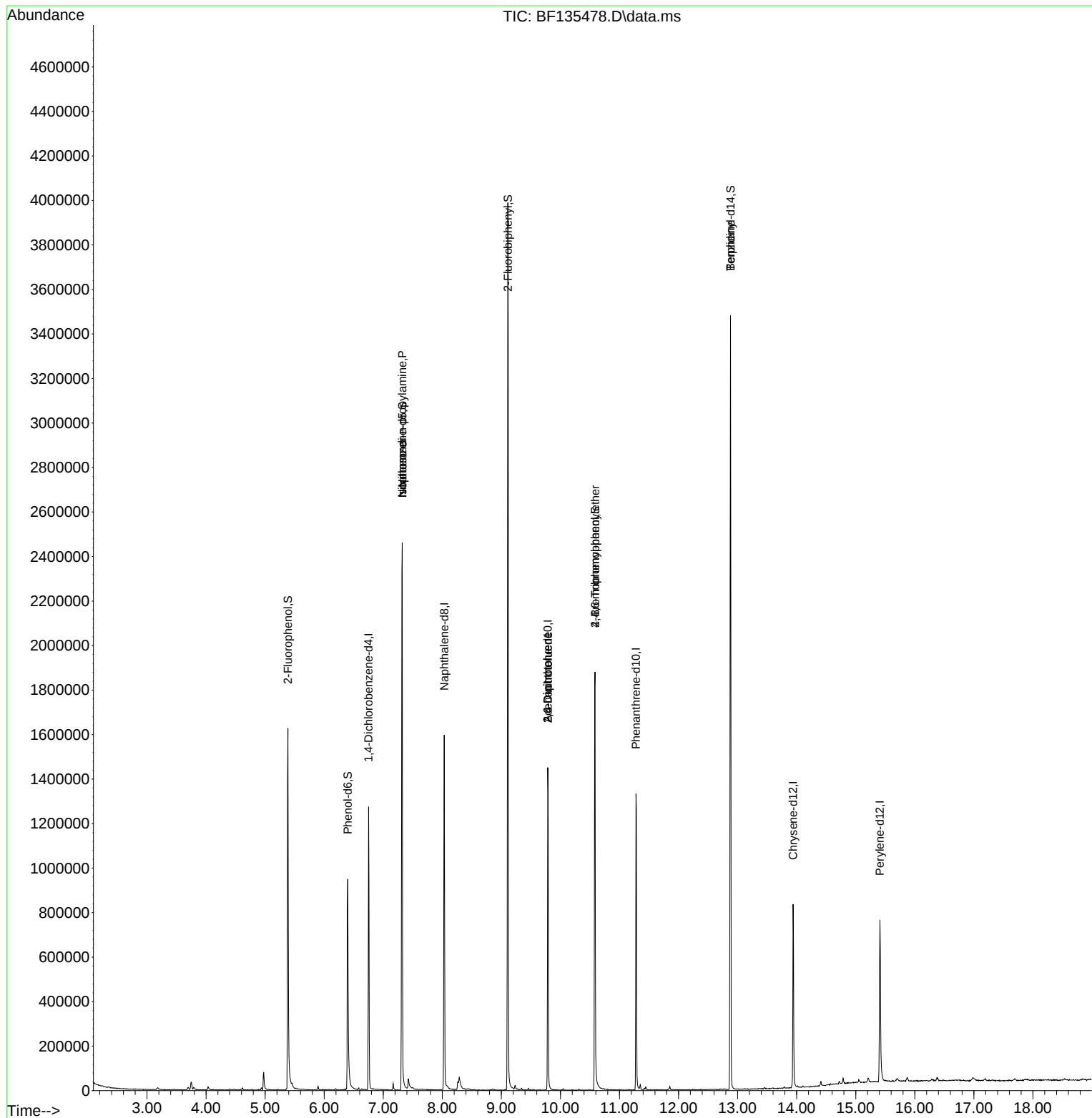
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	179578	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	677092	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	311073	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518758	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	287046	20.000	ng	0.00
86) Perylene-d12	15.410	264	357614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	502142	45.479	ng	0.00
7) Phenol-d6	6.398	99	390830	27.838	ng	0.00
23) Nitrobenzene-d5	7.322	82	829072	66.524	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	244303	79.029	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1358638	65.895	ng	0.00
79) Terphenyl-d14	12.880	244	1249589	67.484	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	109036	12.539	ng	# 78
25) Isophorone	7.322	82	829066	36.228	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	41043	8.908	ng	# 16
57) 2,4-Dinitrotoluene	9.786	165	41100	7.126	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	15004	2.908	ng	# 1
77) Benzydine	12.880	184	15609	2.654	ng	# 93

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

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Data File : BF135478.D
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Operator : CG\JU
Sample : 04566-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

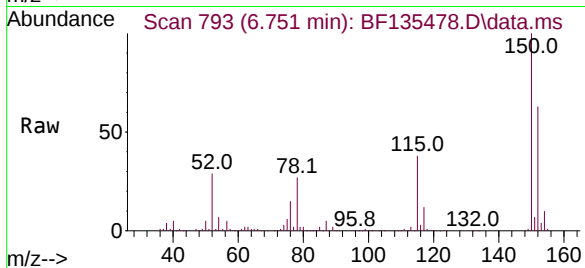
Quant Time: Sep 28 01:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



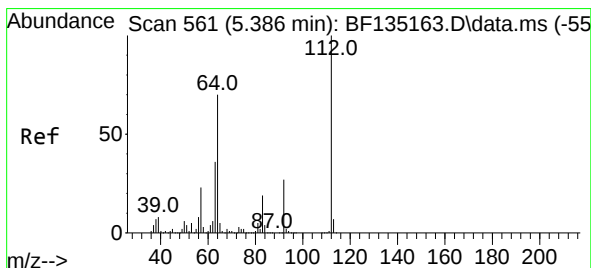
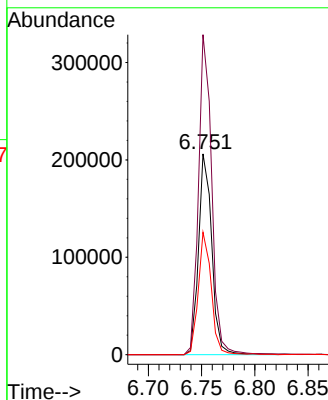
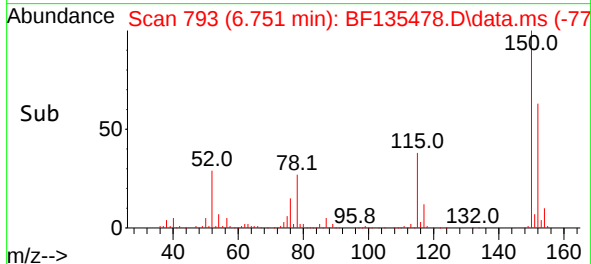


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Instrument :
 BNA_F
 ClientSampleId :

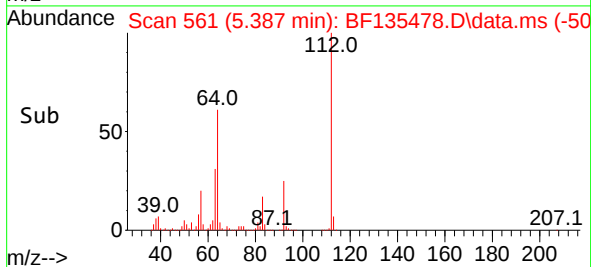
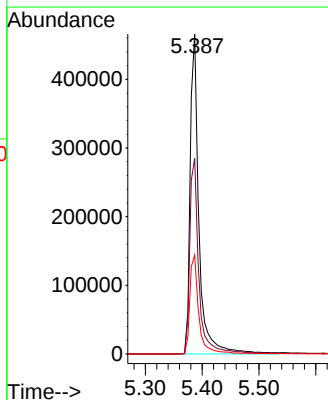
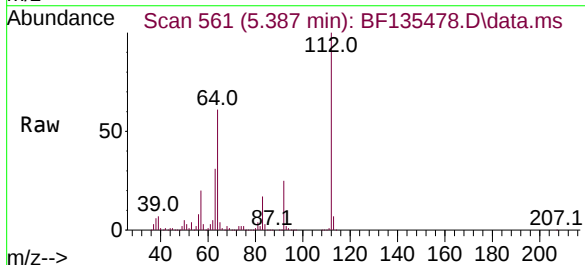


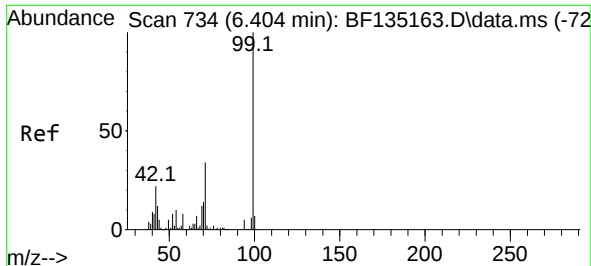
Tgt Ion:152 Resp: 179578
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.8 191.6
 115 60.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 45.479 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Tgt Ion:112 Resp: 502142
 Ion Ratio Lower Upper
 112 100
 64 61.1 55.9 83.9
 63 30.9 29.0 43.6

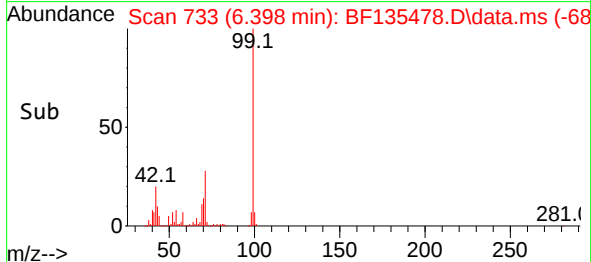
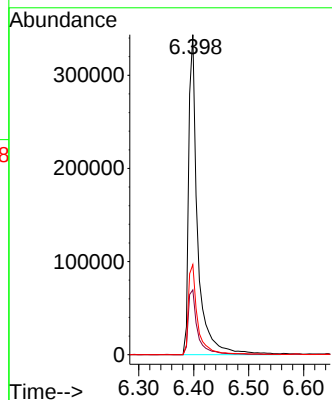
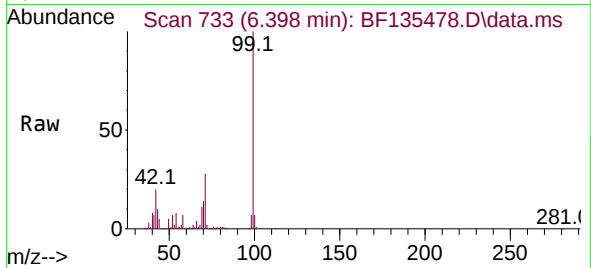




#7
Phenol-d6
Concen: 27.838 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

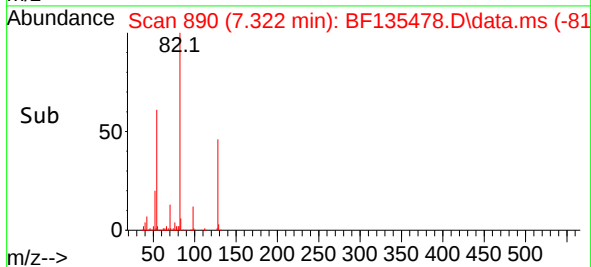
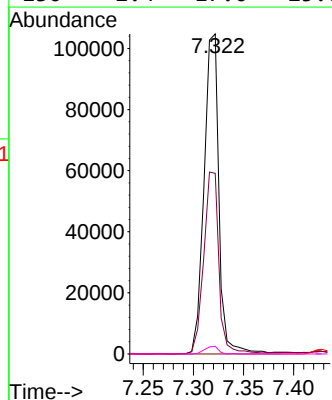
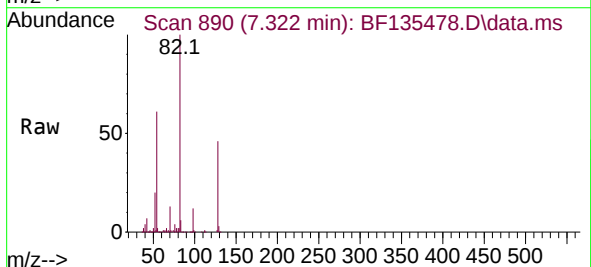
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 390830
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 28.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.539 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

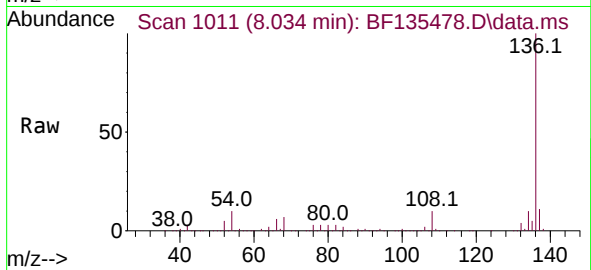
Tgt Ion: 70 Resp: 109036
Ion Ratio Lower Upper
70 100
42 56.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#



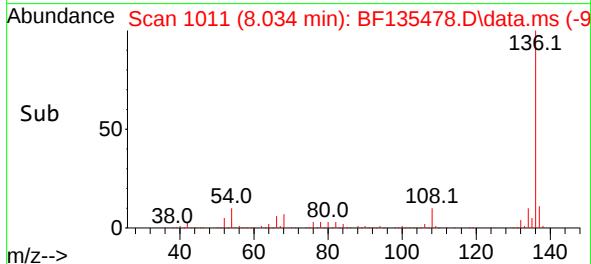
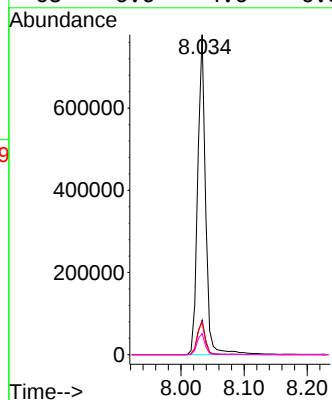


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

Instrument :
BNA_F
ClientSampleId :

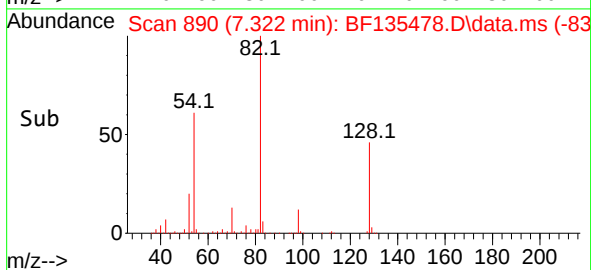
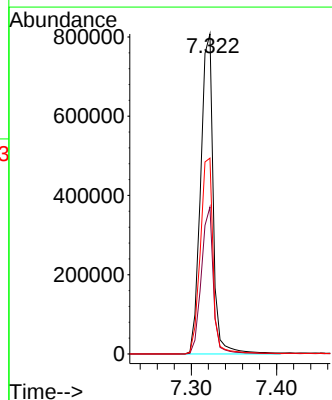
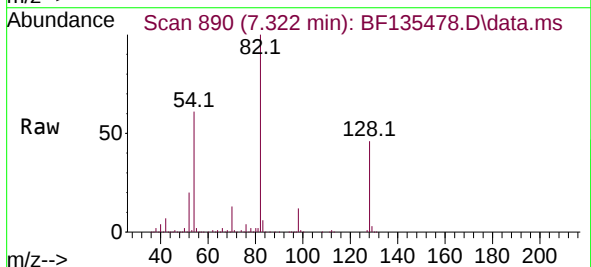


Tgt Ion:136 Resp: 677092
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.524 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

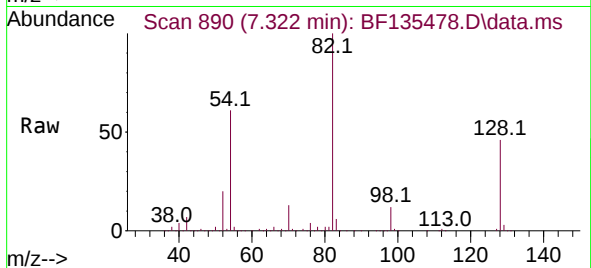
Tgt Ion: 82 Resp: 829072
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 61.2 50.6 76.0



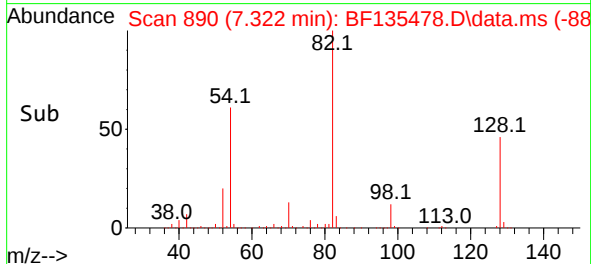
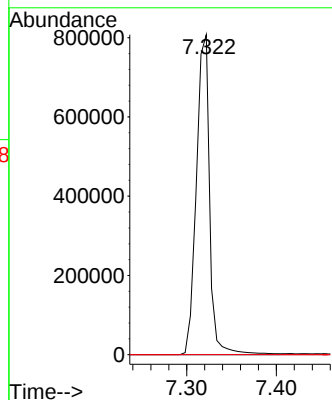


#25
Isophorone
Concen: 36.228 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

Instrument :
BNA_F
ClientSampleId :

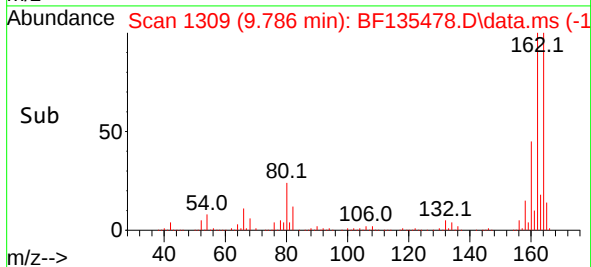
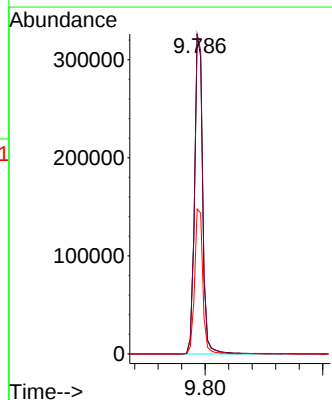
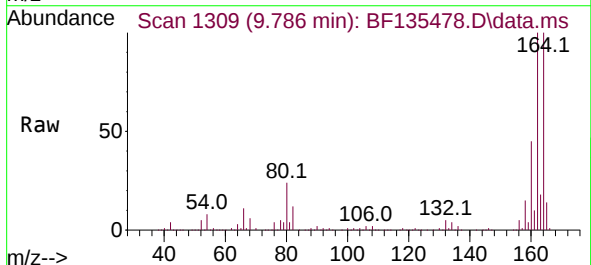


Tgt Ion: 82 Resp: 829066
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

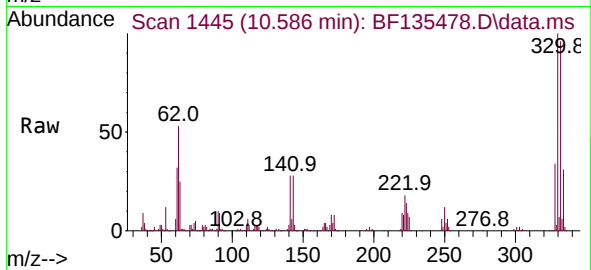
Tgt Ion: 164 Resp: 311073
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 45.3 37.0 55.4



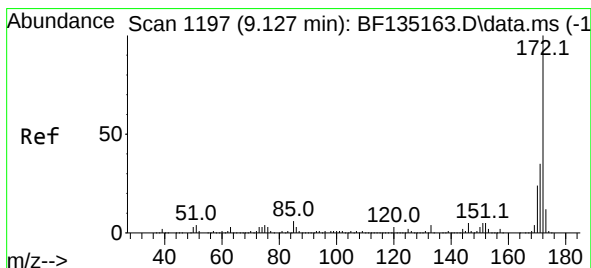
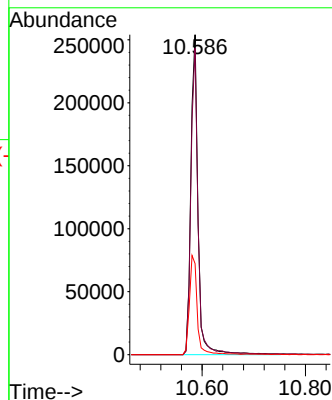
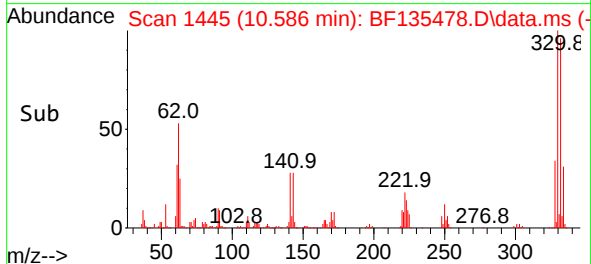


#42
2,4,6-Tribromophenol
Concen: 79.029 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

Instrument :
BNA_F
ClientSampleId :

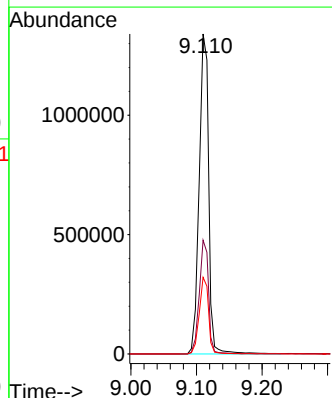
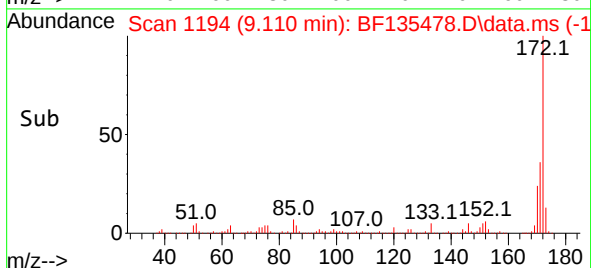
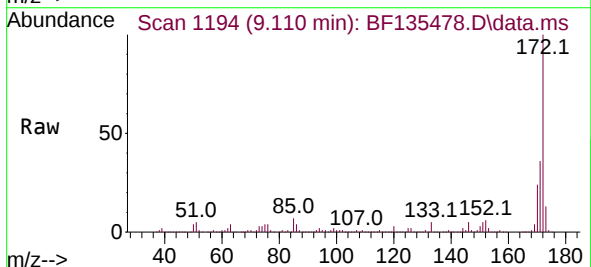


Tgt Ion:330 Resp: 244303
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.895 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

Tgt Ion:172 Resp: 1358638
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.908 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

Instrument :

BNA_F

ClientSampleId :

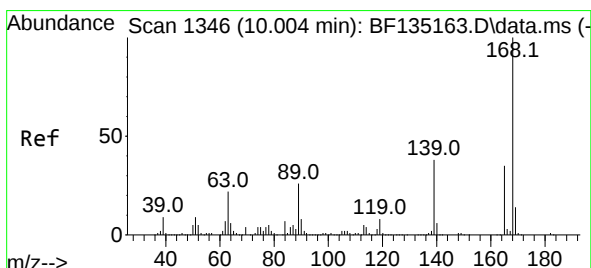
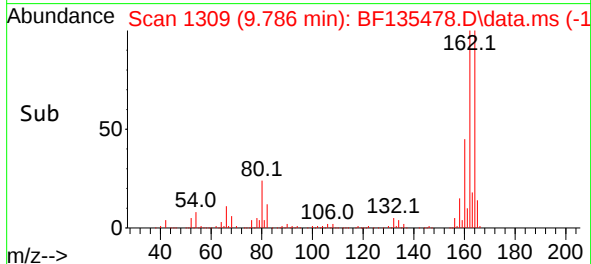
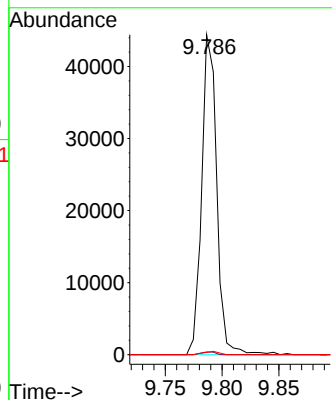
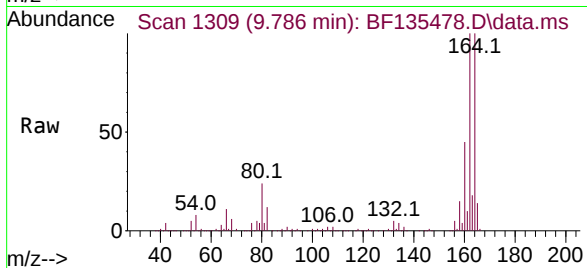
Tgt Ion:165 Resp: 41043

Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

89 0.7 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 7.126 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

Tgt Ion:165 Resp: 41100

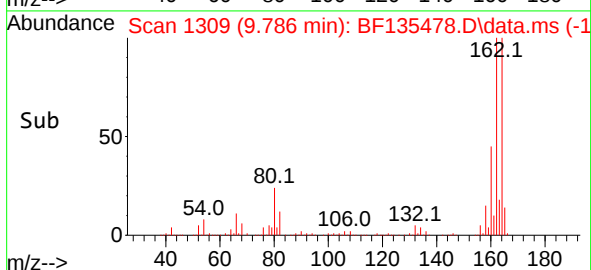
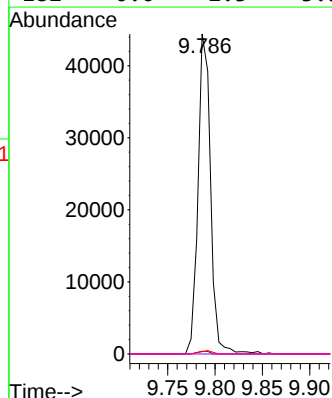
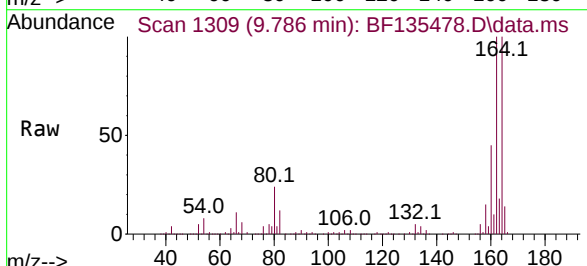
Ion Ratio Lower Upper

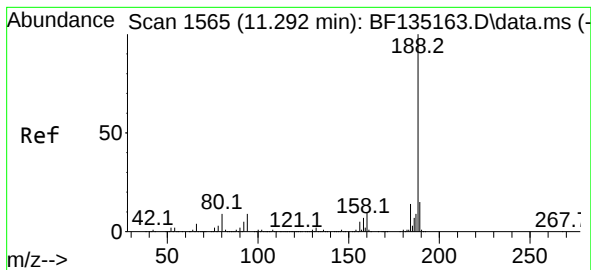
165 100

63 0.9 50.1 75.1#

89 0.7 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: BF135478.D

Acq: 27 Sep 2023 18:04

Instrument :

BNA_F

ClientSampleId :

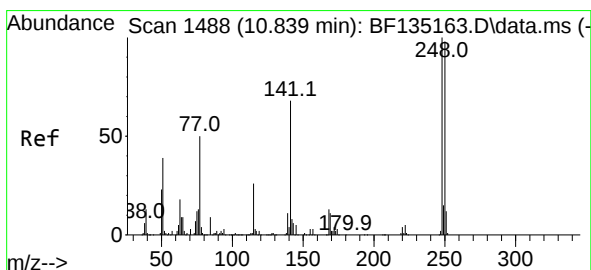
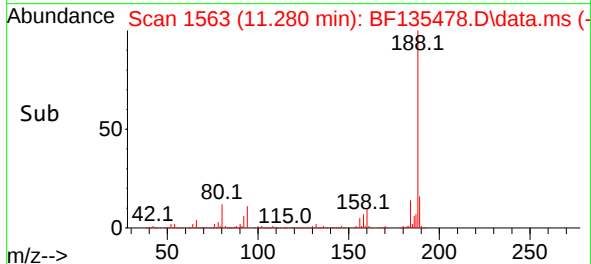
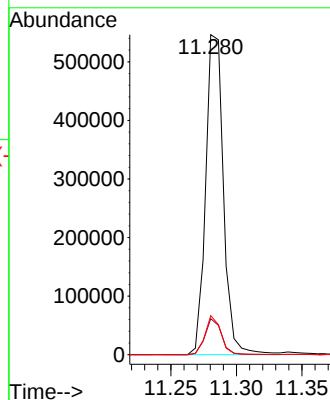
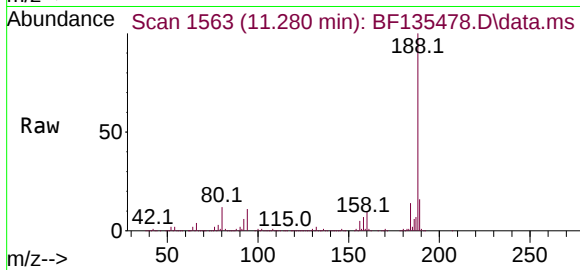
Tgt Ion:188 Resp: 518758

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.2 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.908 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

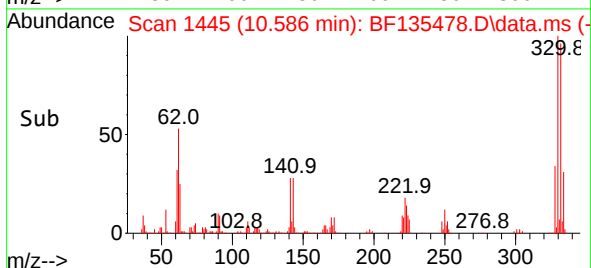
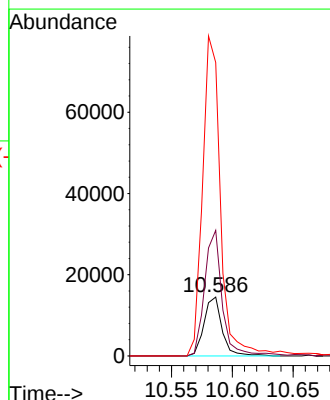
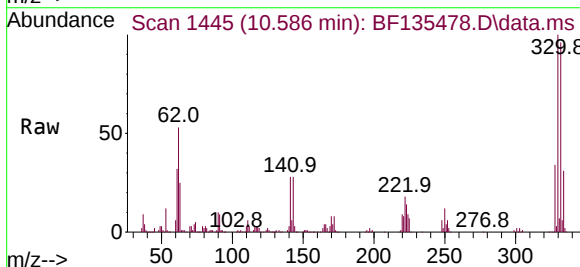
Tgt Ion:248 Resp: 15004

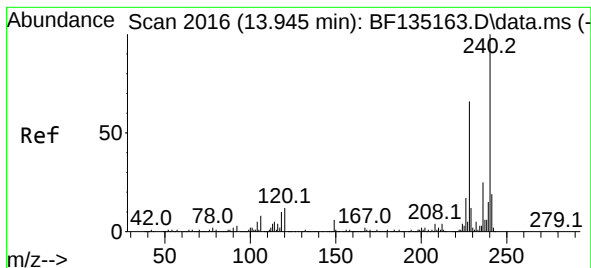
Ion Ratio Lower Upper

248 100

250 213.0 78.6 117.8#

141 497.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

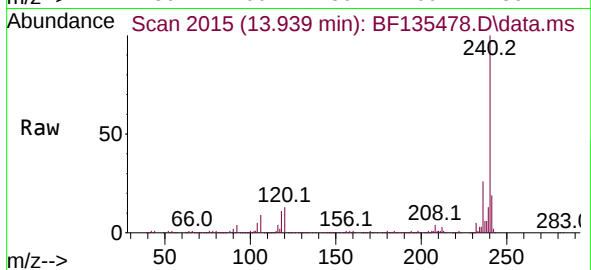
Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

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BNA_F

ClientSampleId :



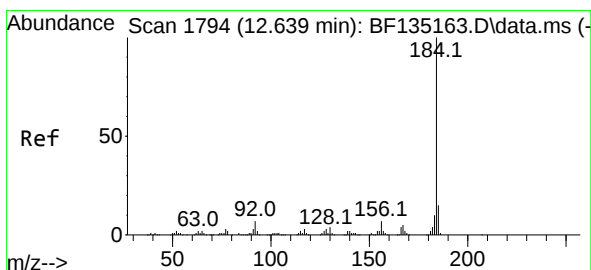
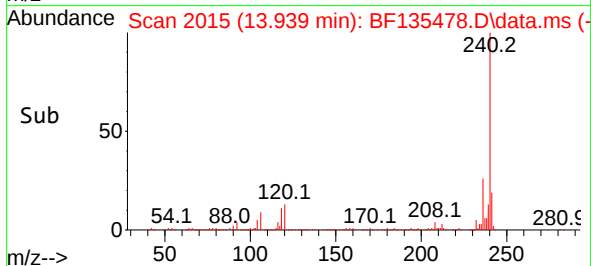
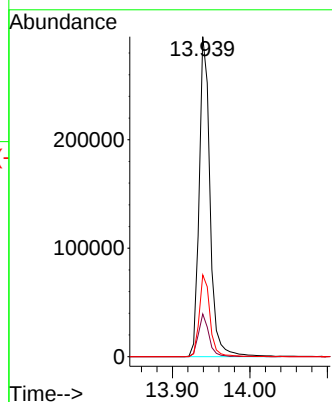
Tgt Ion:240 Resp: 287046

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 25.5 19.8 29.8



#77

Benzdine

Concen: 2.654 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

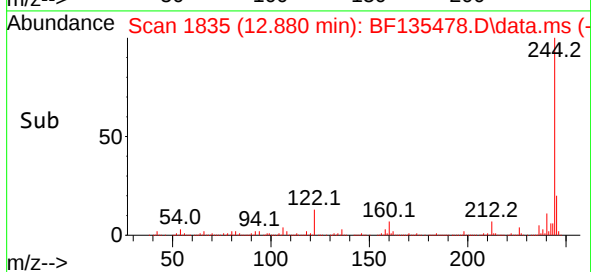
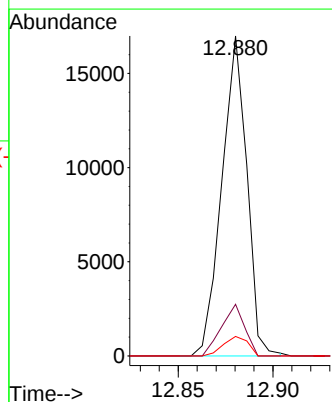
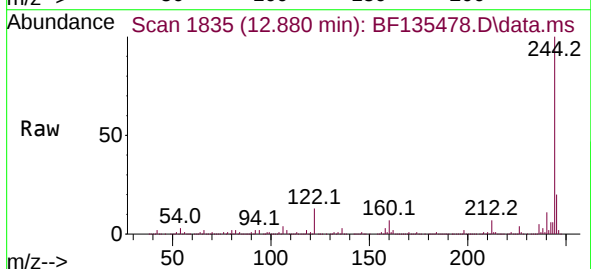
Tgt Ion:184 Resp: 15609

Ion Ratio Lower Upper

184 100

185 16.1 11.7 17.5

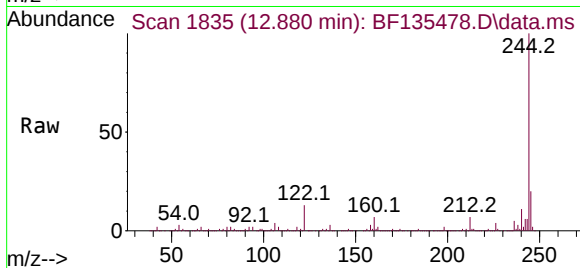
183 6.1 8.2 12.4#



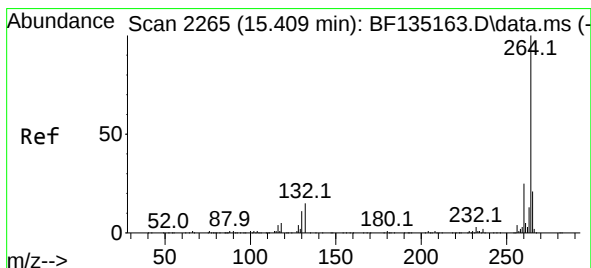
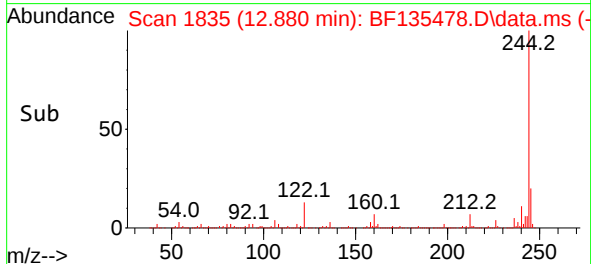
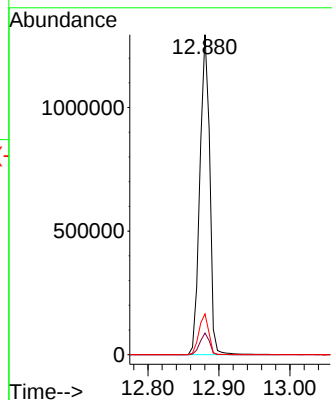


#79
 Terphenyl-d14
 Concen: 67.484 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1249589
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.8 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: BF135478.D
 Acq: 27 Sep 2023 18:04

Tgt Ion:264 Resp: 357614
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.2 17.0 25.4

