

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135469.D
 Acq On : 27 Sep 2023 13:03
 Operator : CG\JU
 Sample : PB155813TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:44:14 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)

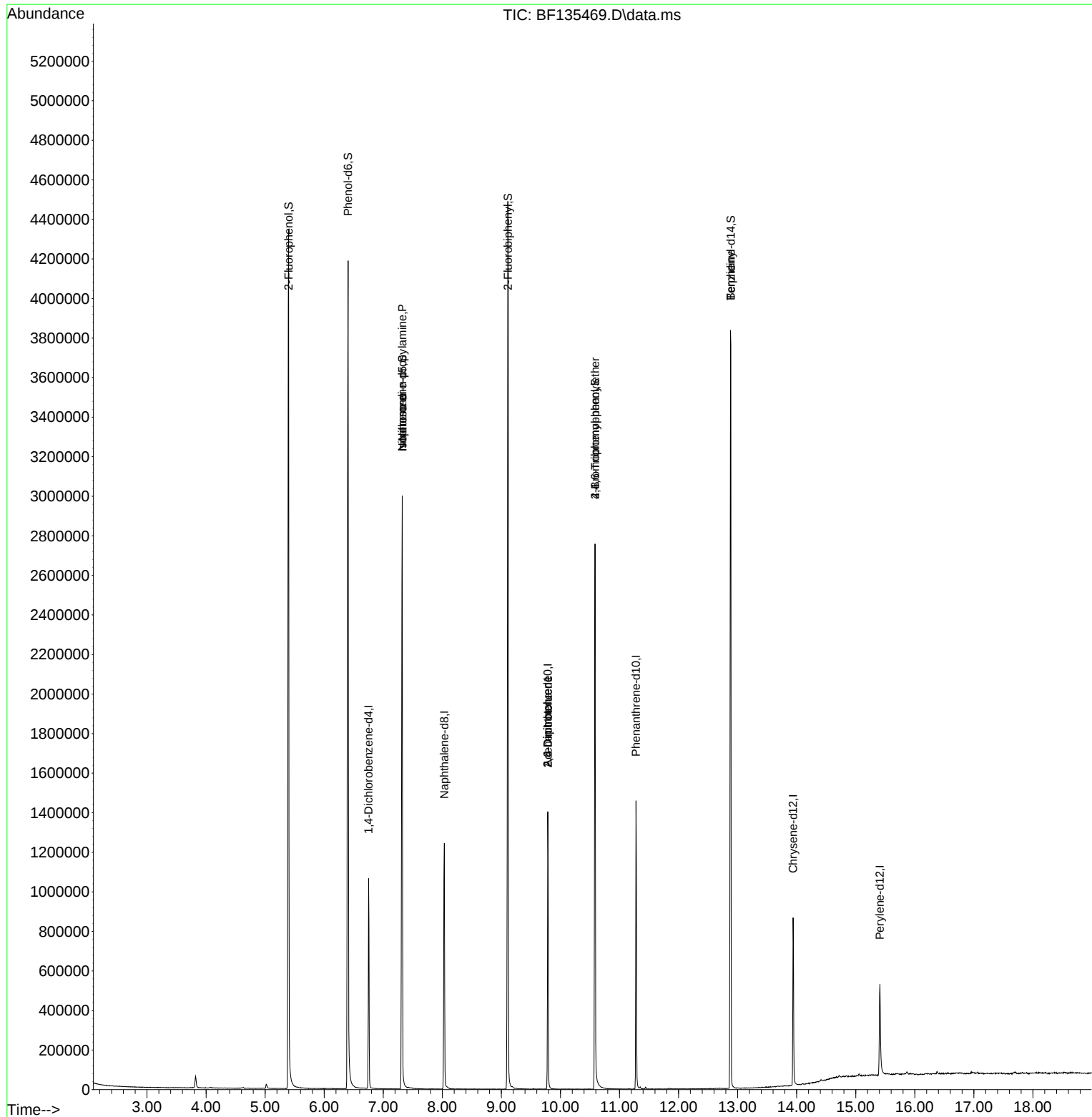
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	157565	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	599692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	291137	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	534303	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	303190	20.000	ng	0.00
86) Perylene-d12	15.409	264	243262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1298551	134.041	ng	0.02
7) Phenol-d6	6.404	99	1640187	133.149	ng	0.00
23) Nitrobenzene-d5	7.322	82	1037184	93.964	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	337250	116.567	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1714147	88.830	ng	0.00
79) Terphenyl-d14	12.886	244	1571939	80.372	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	138672	18.174	ng	# 79
25) Isophorone	7.322	82	1034052	51.017	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	37580	8.715	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	37580	6.961	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	21739	4.091	ng	# 1
77) Benzydine	12.886	184	20140	3.242	ng	# 93

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

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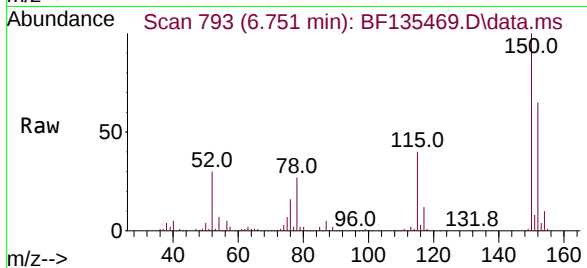
Quant Time: Sep 28 01:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



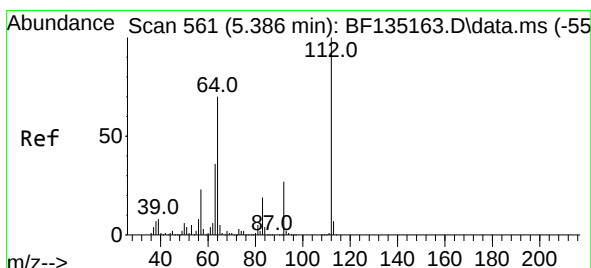
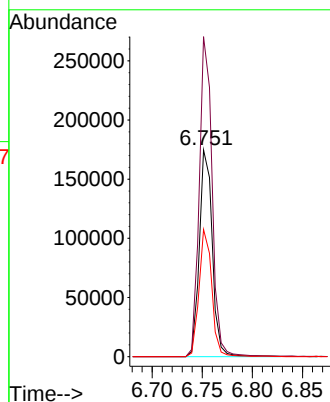
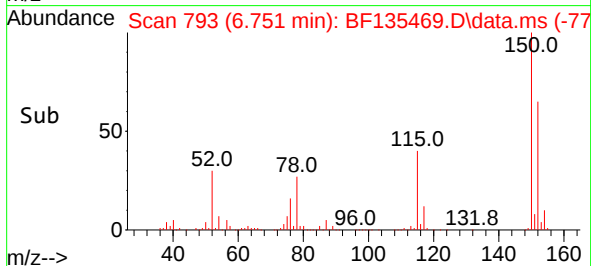


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

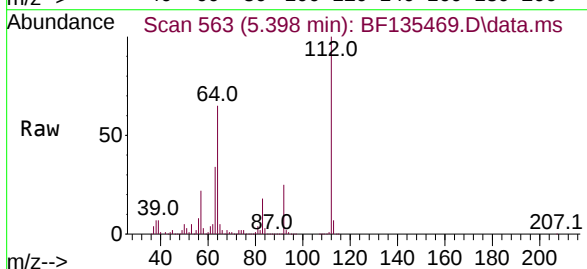
Instrument :
BNA_F
ClientSampleId :



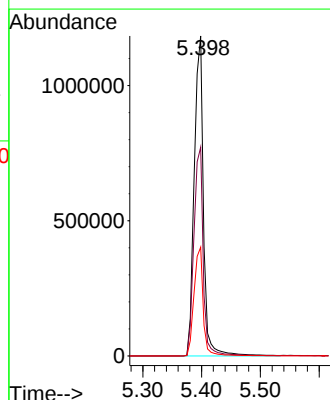
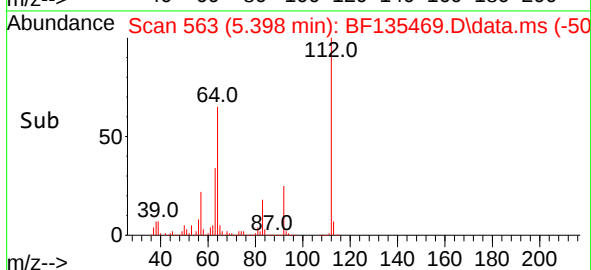
Tgt Ion:152 Resp: 157565
Ion Ratio Lower Upper
152 100
150 154.8 127.8 191.6
115 61.5 49.8 74.8

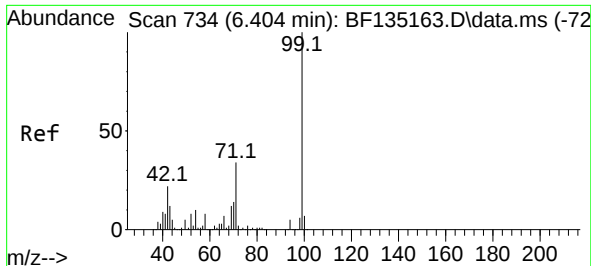


#5
2-Fluorophenol
Concen: 134.041 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03



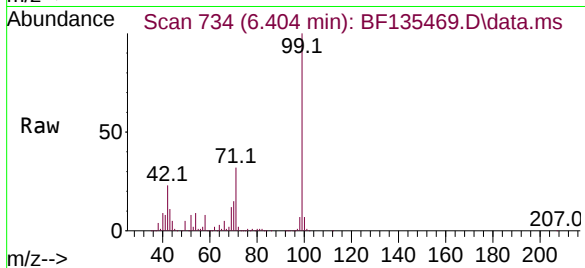
Tgt Ion:112 Resp: 1298551
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 34.0 29.0 43.6





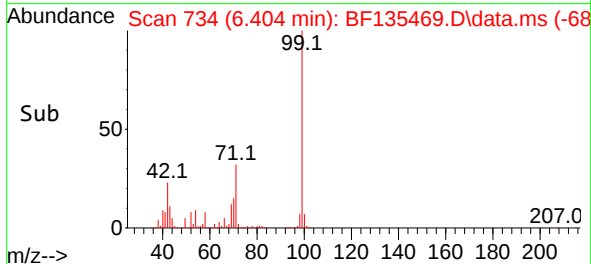
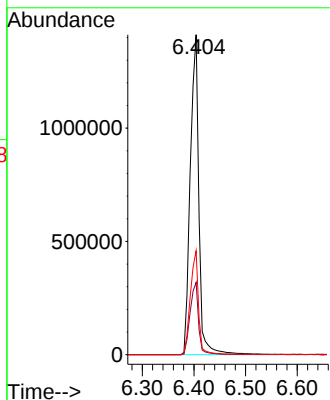
#7
Phenol-d6
Concen: 133.149 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1640187

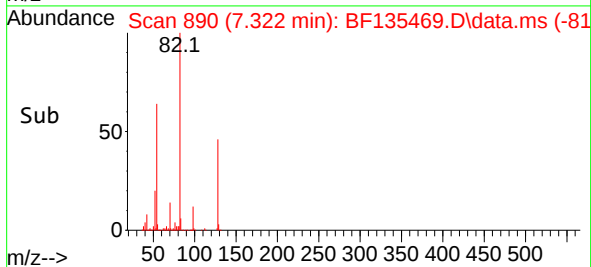
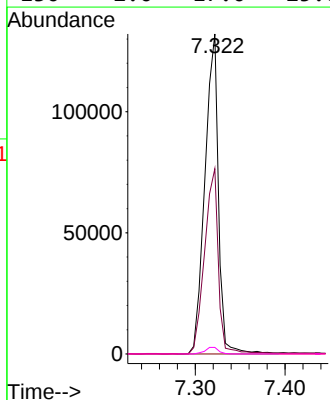
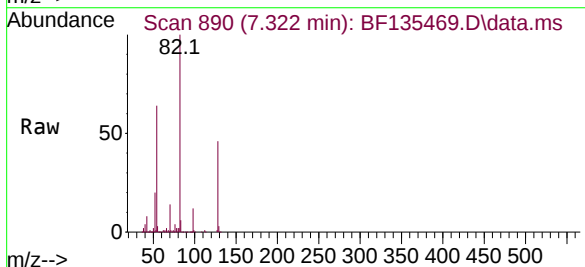
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	32.4	27.0	40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.174 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Tgt Ion: 70 Resp: 138672

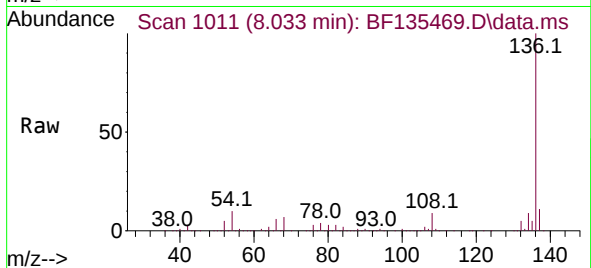
Ion	Ratio	Lower	Upper
70	100		
42	57.9	55.4	83.0
101	0.0	7.7	11.5#
130	2.0	17.0	25.6#



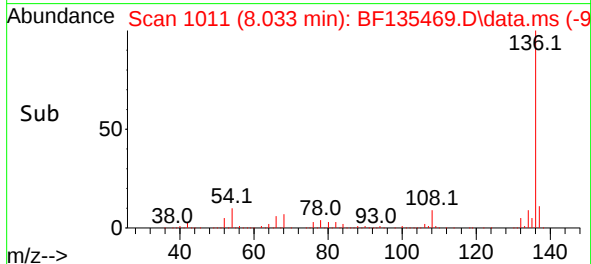
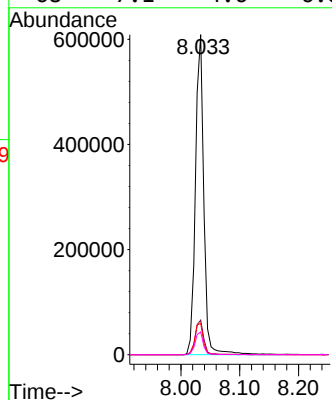


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Instrument :
BNA_F
ClientSampleId :

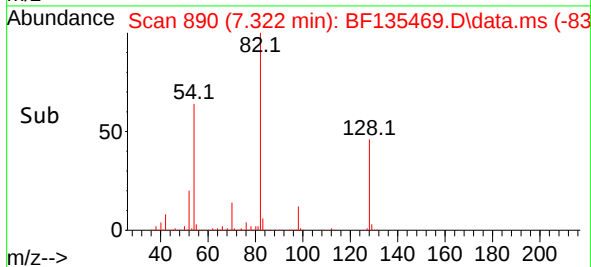
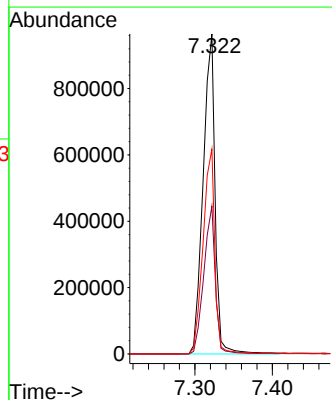
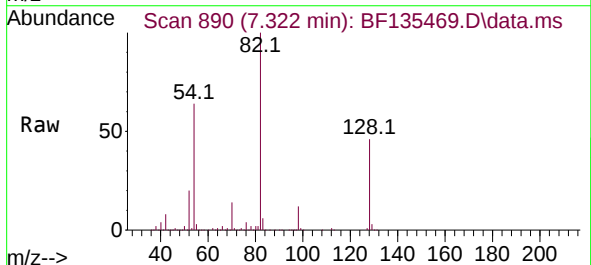


Tgt Ion:136 Resp: 599692
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.8 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 93.964 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

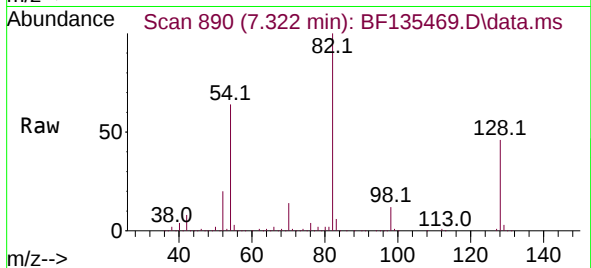
Tgt Ion: 82 Resp: 1037184
Ion Ratio Lower Upper
82 100
128 46.2 35.8 53.6
54 64.0 50.6 76.0



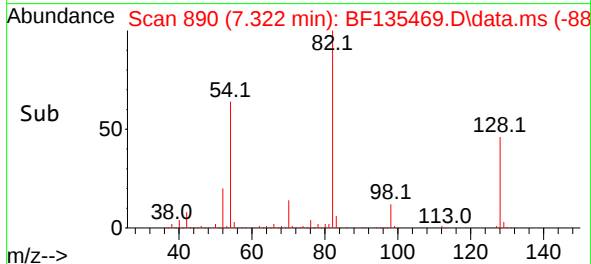
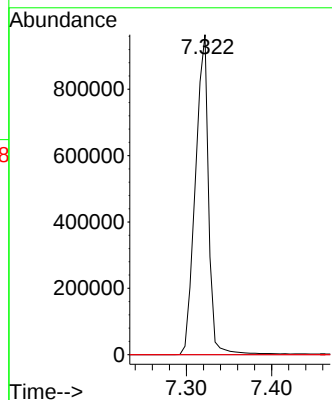


#25
Isophorone
Concen: 51.017 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Instrument :
BNA_F
ClientSampleId :

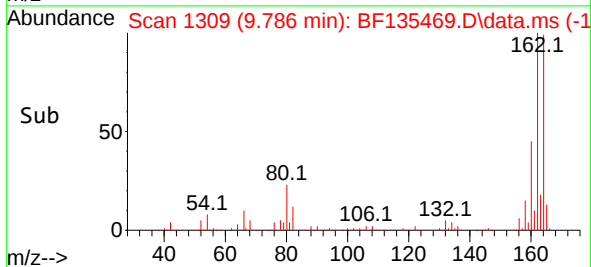
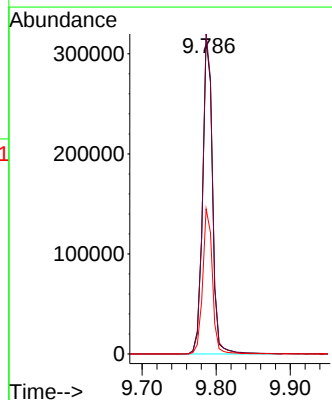
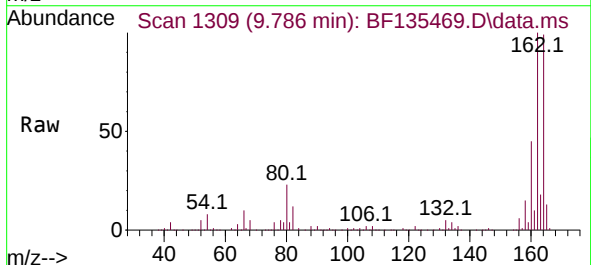


Tgt Ion: 82 Resp: 1034052
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Tgt Ion: 164 Resp: 291137
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 116.567 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

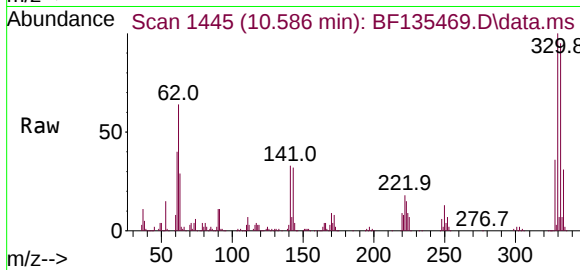
Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Instrument :

BNA_F

ClientSampleId :



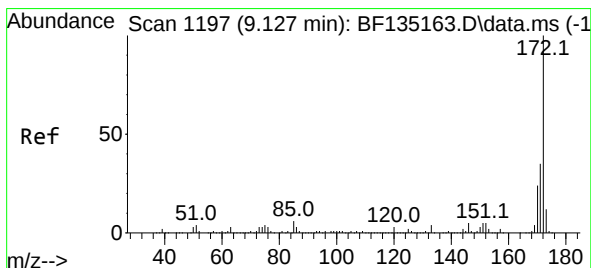
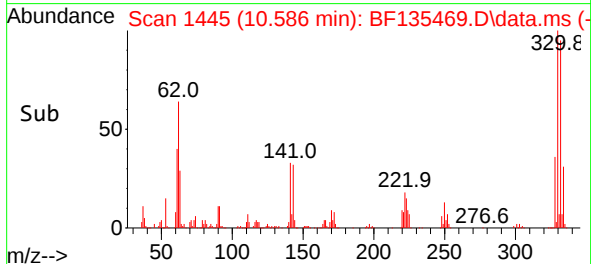
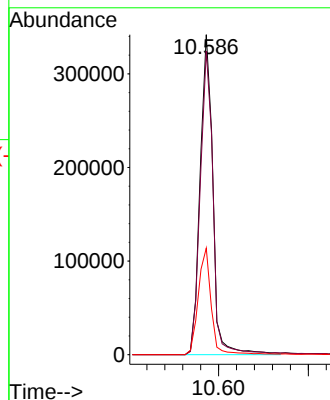
Tgt Ion:330 Resp: 337250

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.830 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

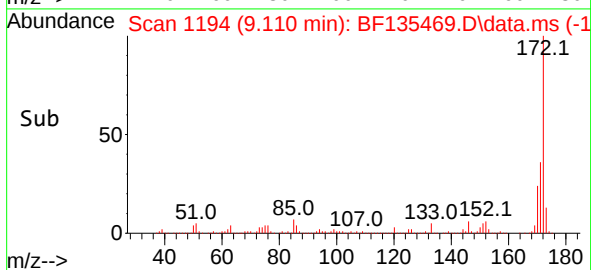
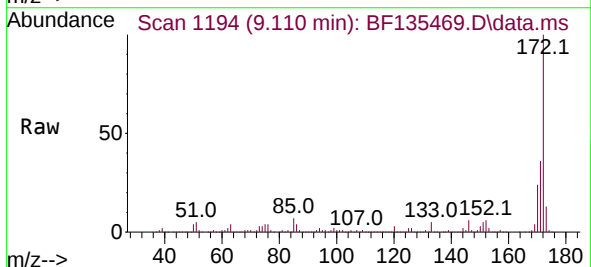
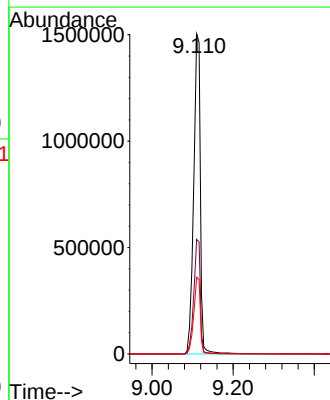
Tgt Ion:172 Resp: 1714147

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.0 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.715 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Instrument :

BNA_F

ClientSampleId :

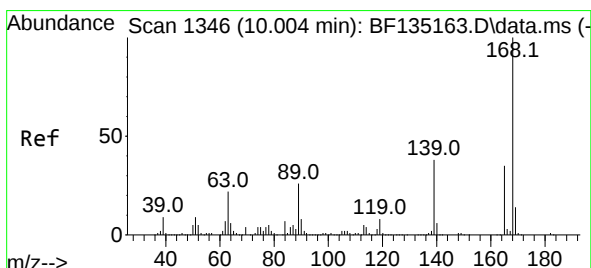
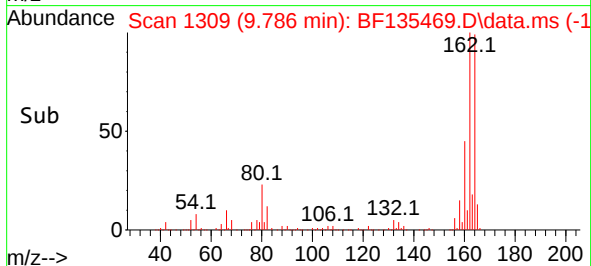
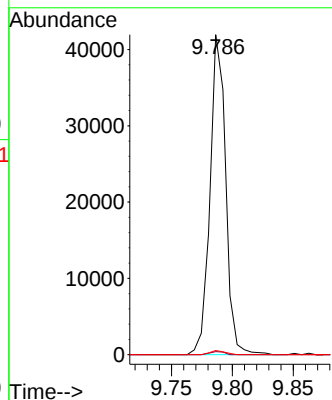
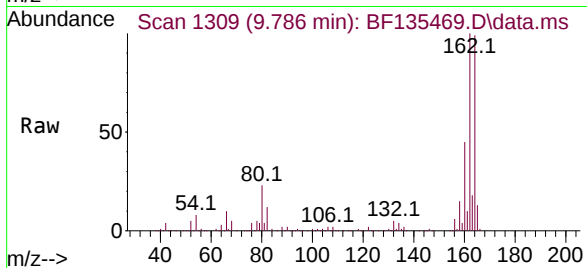
Tgt Ion:165 Resp: 37580

Ion Ratio Lower Upper

165 100

63 1.0 59.4 89.2#

89 1.3 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.961 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Tgt Ion:165 Resp: 37580

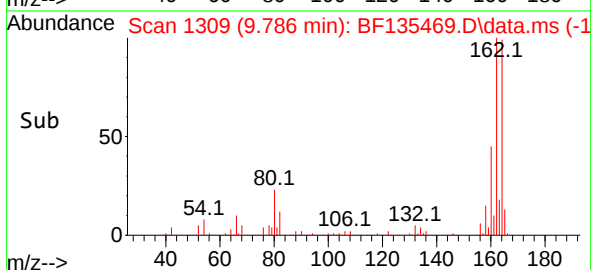
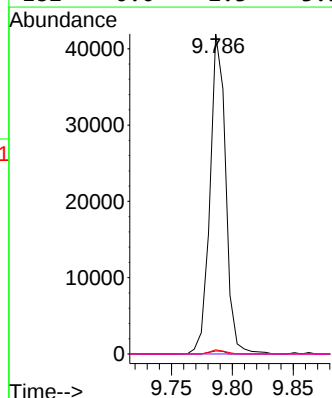
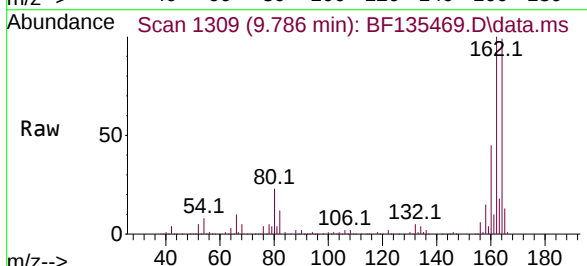
Ion Ratio Lower Upper

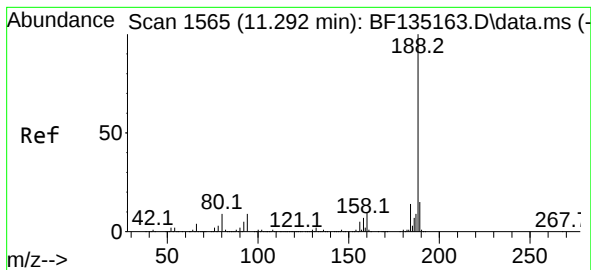
165 100

63 1.0 50.1 75.1#

89 1.3 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Instrument :

BNA_F

ClientSampleId :

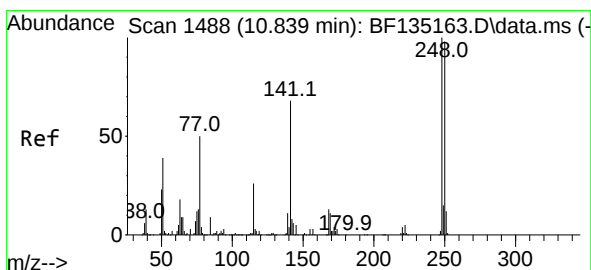
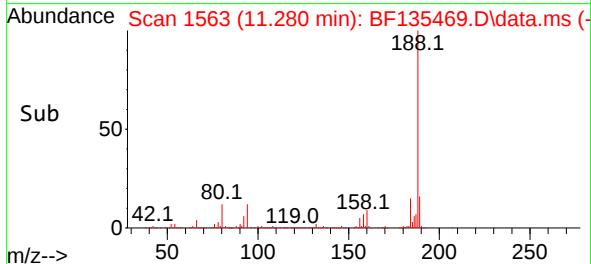
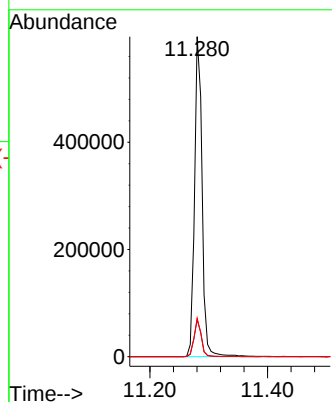
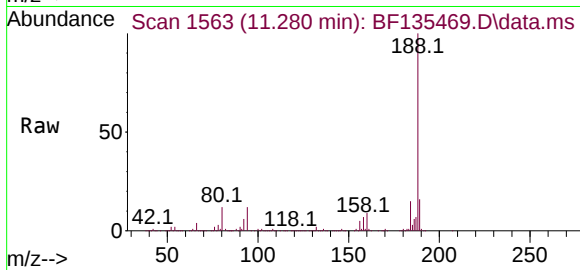
Tgt Ion:188 Resp: 534303

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.1 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.091 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

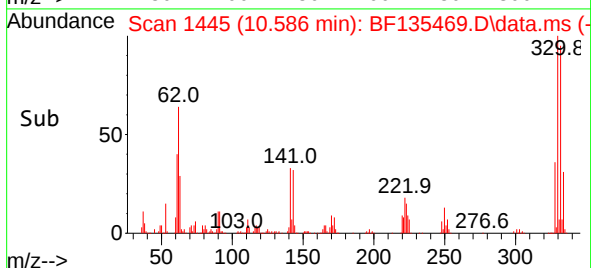
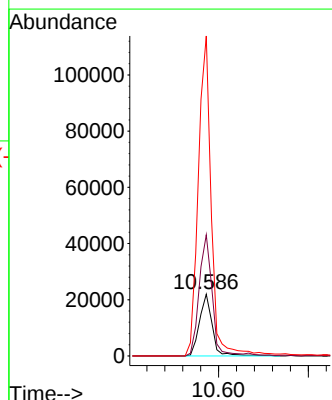
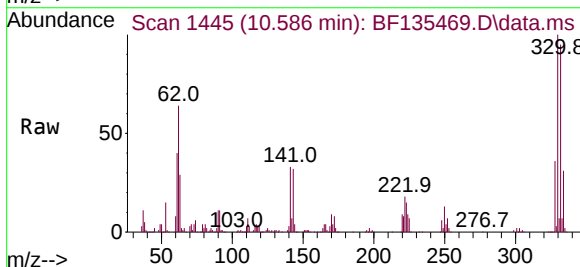
Tgt Ion:248 Resp: 21739

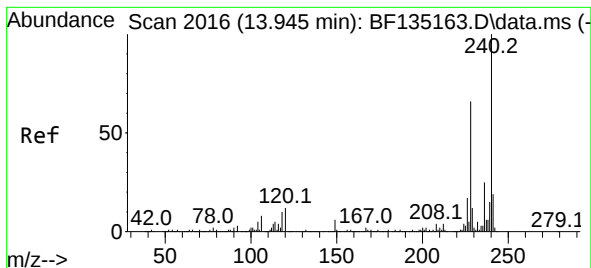
Ion Ratio Lower Upper

248 100

250 196.4 78.6 117.8#

141 518.5 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.006 min

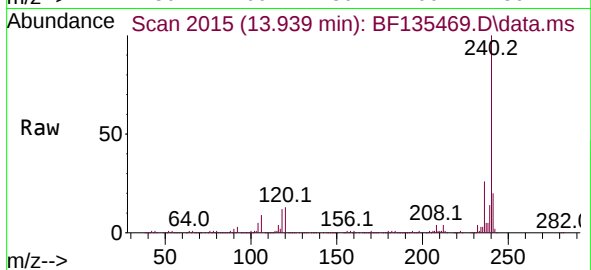
Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

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BNA_F

ClientSampleId :



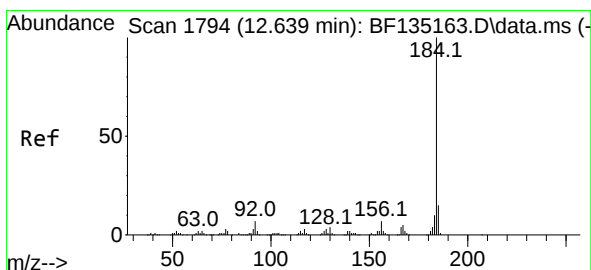
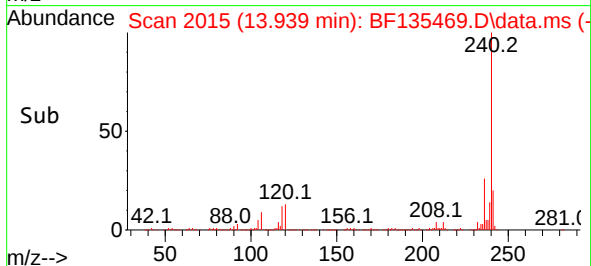
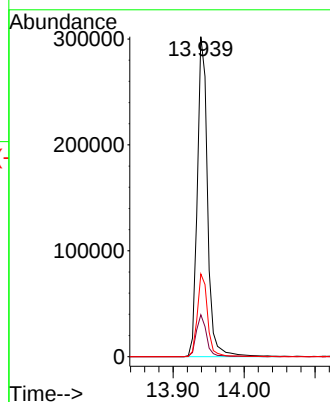
Tgt Ion:240 Resp: 303190

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 25.9 19.8 29.8



#77

Benzidine

Concen: 3.242 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.253 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

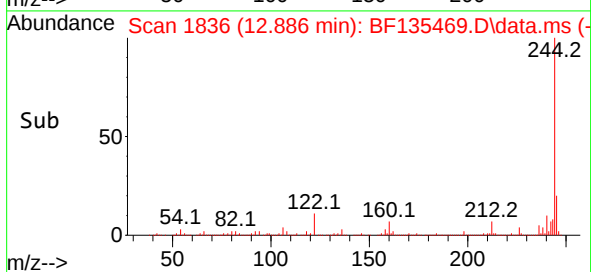
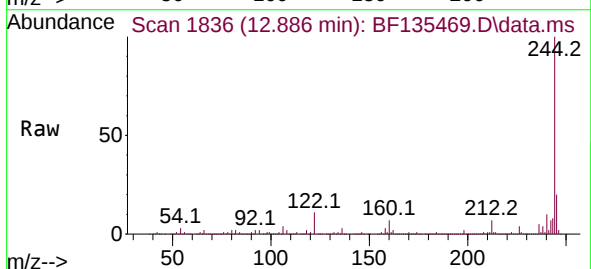
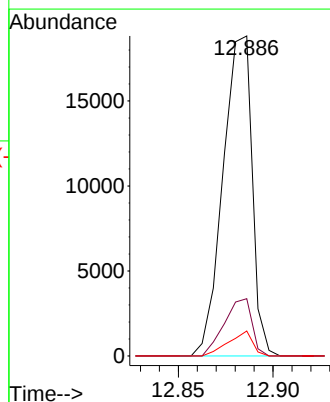
Tgt Ion:184 Resp: 20140

Ion Ratio Lower Upper

184 100

185 17.9 11.7 17.5#

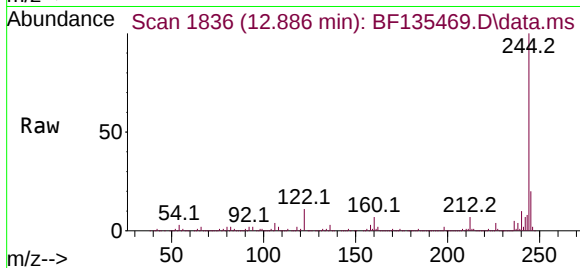
183 7.8 8.2 12.4#



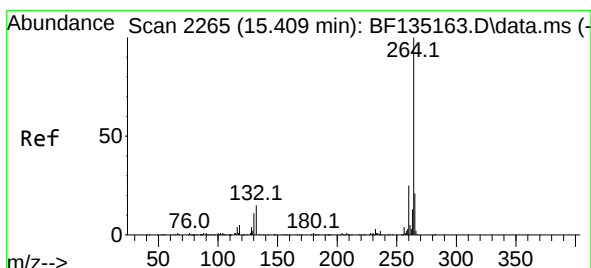
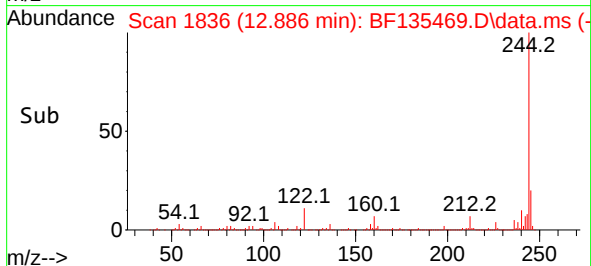
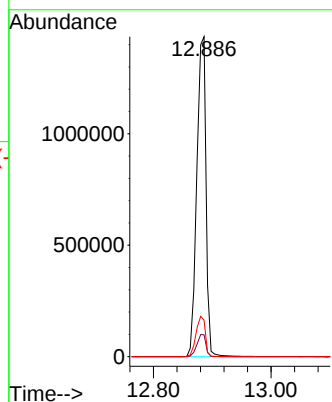


#79
 Terphenyl-d14
 Concen: 80.372 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135469.D
 Acq: 27 Sep 2023 13:03

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1571939
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135469.D
 Acq: 27 Sep 2023 13:03

Tgt Ion:264 Resp: 243262
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.8 29.6
 265 22.6 17.0 25.4

