

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135056.D
 Acq On : 31 Aug 2023 23:05
 Operator : CG\JU
 Sample : 04197-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-22

Quant Time: Sep 01 01:53:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

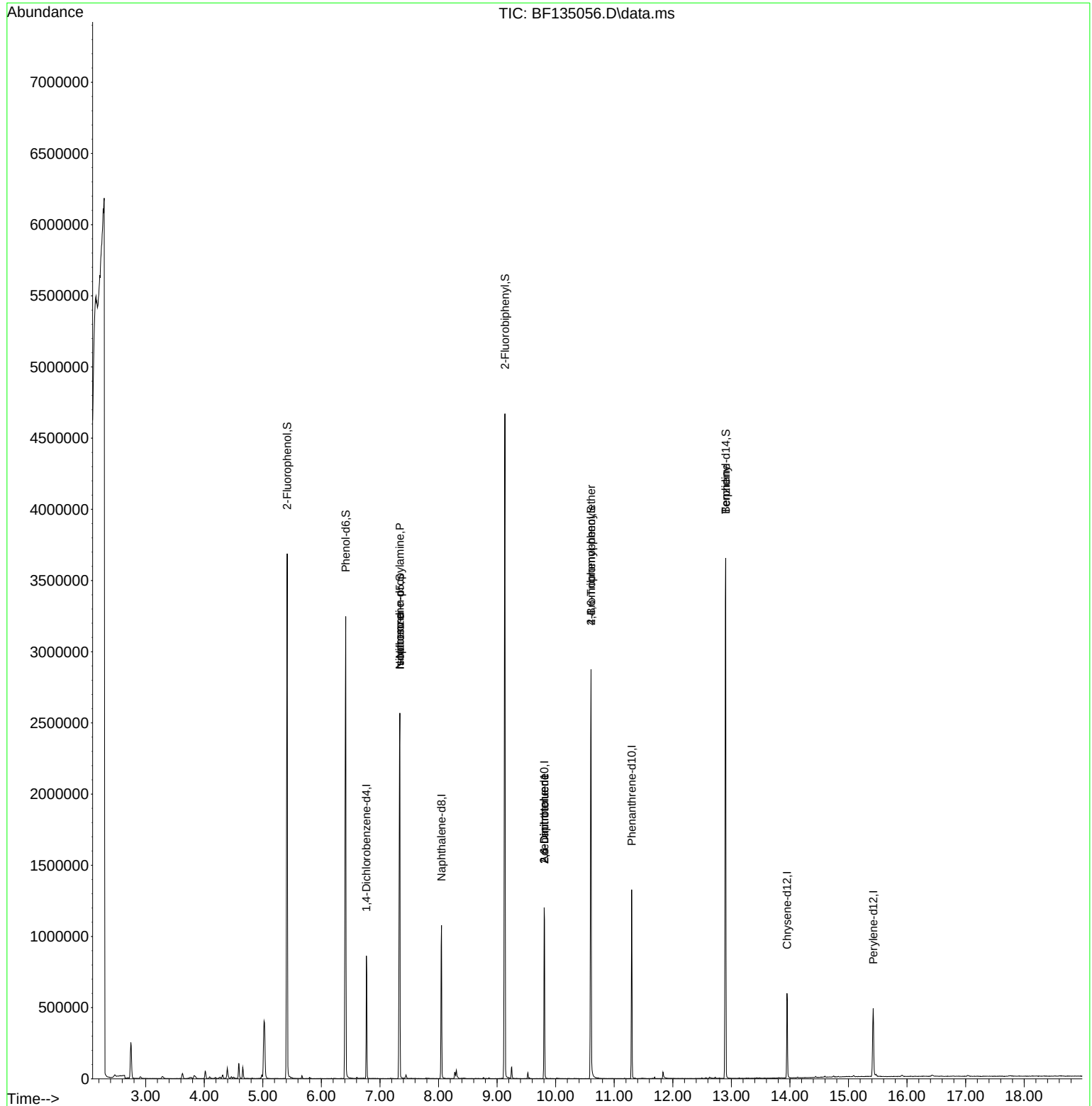
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	118954	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	484310	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	254286	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	442749	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	206266	20.000	ng	-0.01
86) Perylene-d12	15.421	264	229613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1041726	135.268	ng	0.02
7) Phenol-d6	6.416	99	1196093	124.605	ng	0.00
23) Nitrobenzene-d5	7.339	82	901073	104.526	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	374030	138.661	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1556871	99.681	ng	0.00
79) Terphenyl-d14	12.904	244	1375303	108.809	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	122370	21.462	ng	# 76
25) Isophorone	7.339	82	901061	55.129	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	32309	8.270	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	32309	6.636	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	22965	4.890	ng	# 1
77) Benzidine	12.904	184	17423	4.686	ng	# 94

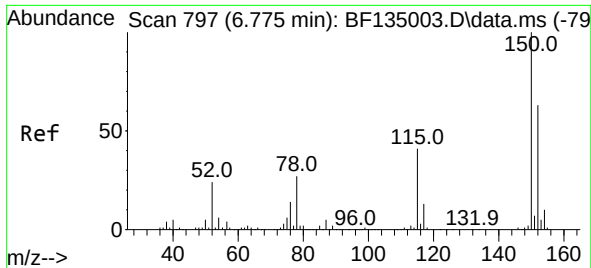
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 01:53:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

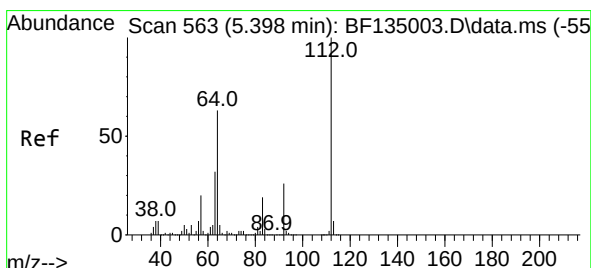
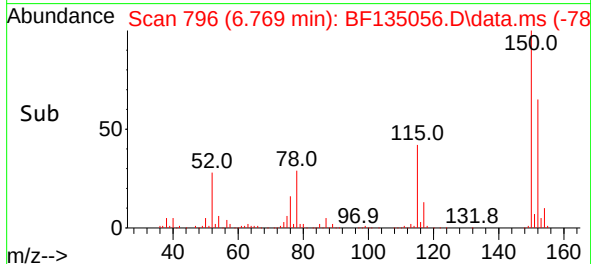
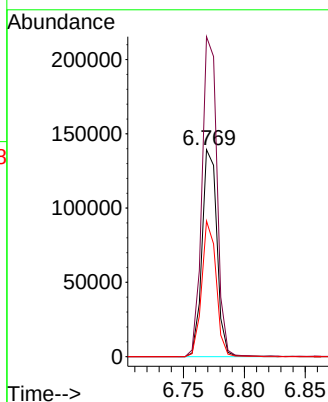
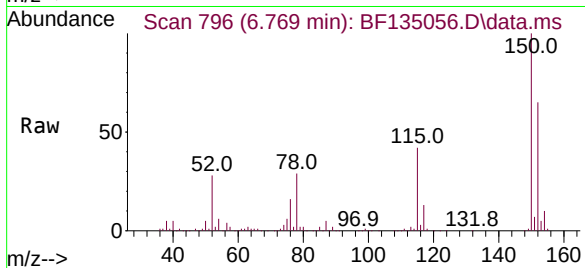




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

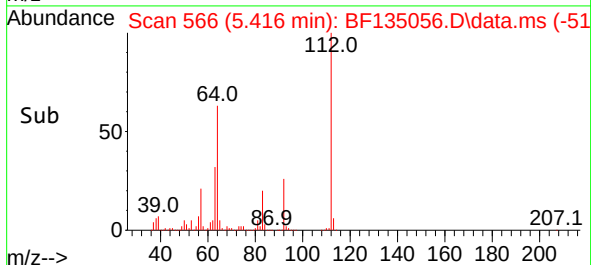
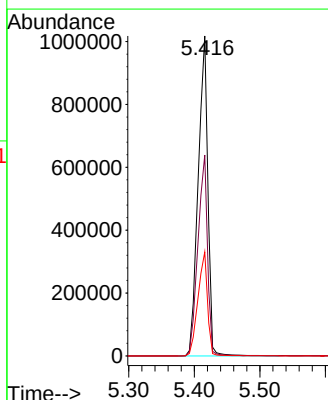
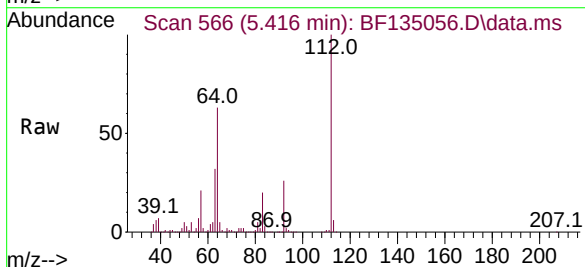
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

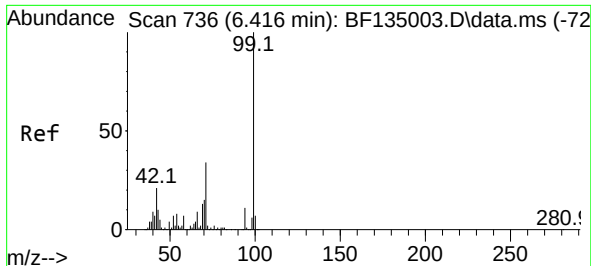
Tgt Ion:152 Resp: 118954
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 65.5 51.2 76.8



#5
2-Fluorophenol
Concen: 135.268 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Tgt Ion:112 Resp: 1041726
Ion Ratio Lower Upper
112 100
64 62.8 50.5 75.7
63 32.5 25.9 38.9



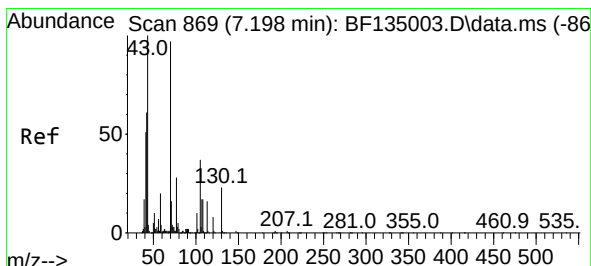
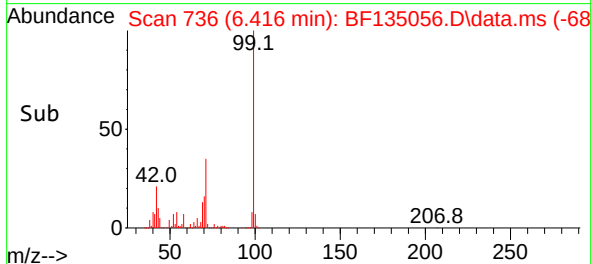
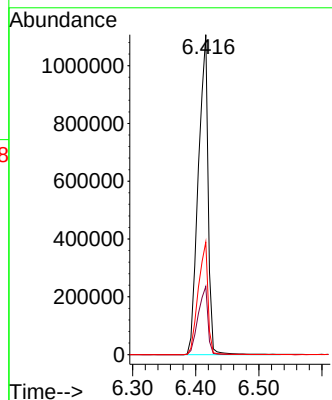
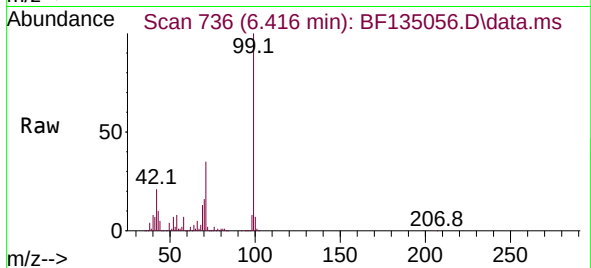


#7
Phenol-d6
Concen: 124.605 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Tgt Ion: 99 Resp: 1196093

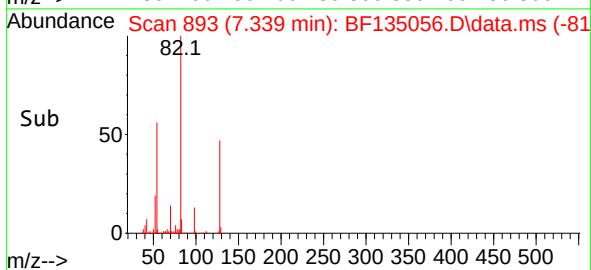
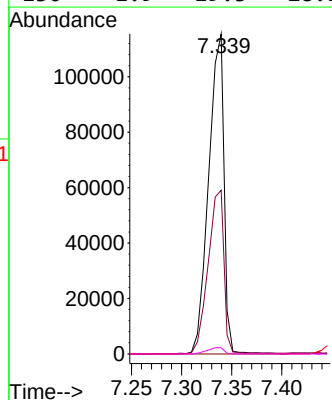
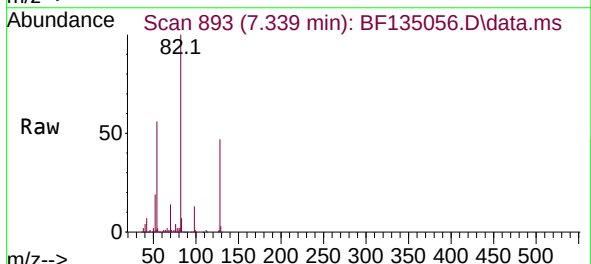
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	25.0
71	35.2	27.0	40.6

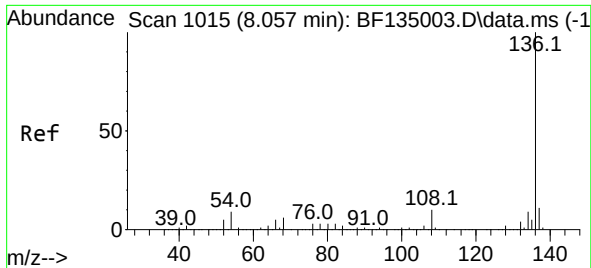


#19
n-Nitroso-di-n-propylamine
Concen: 21.462 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Tgt Ion: 70 Resp: 122370

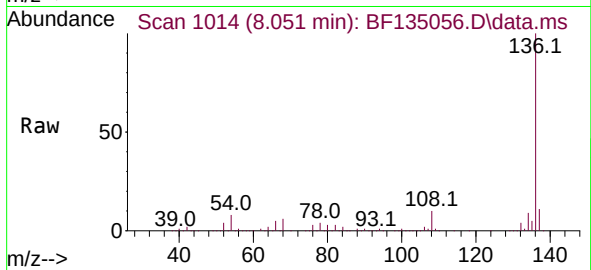
Ion	Ratio	Lower	Upper
70	100		
42	51.1	50.2	75.4
101	0.0	8.1	12.1#
130	1.9	19.3	28.9#



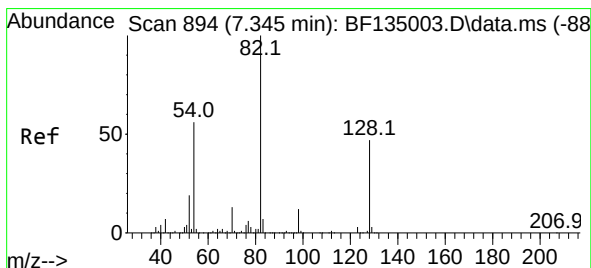
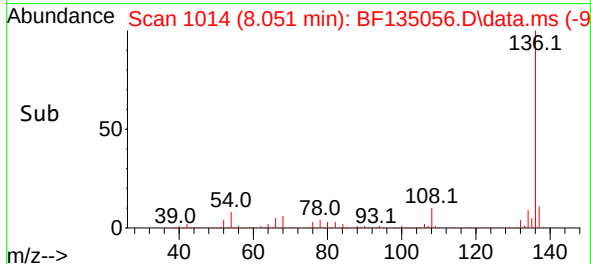
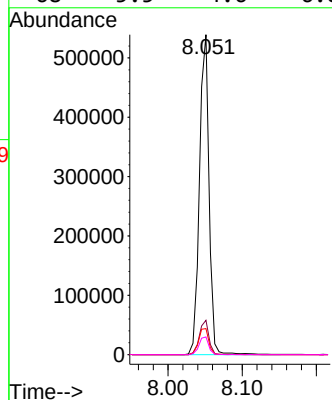


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

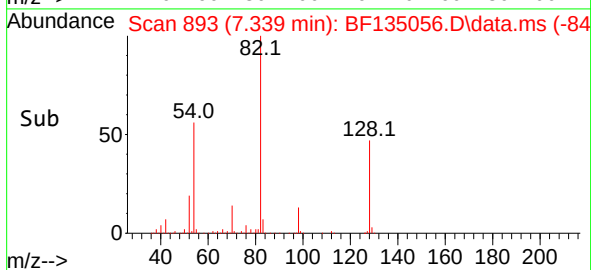
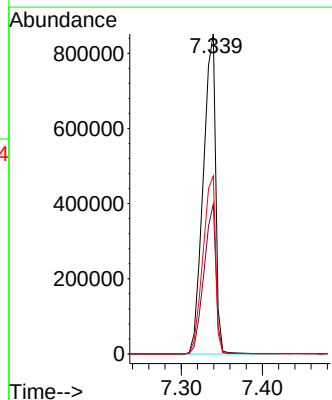
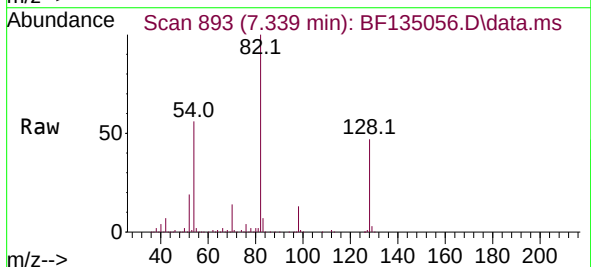


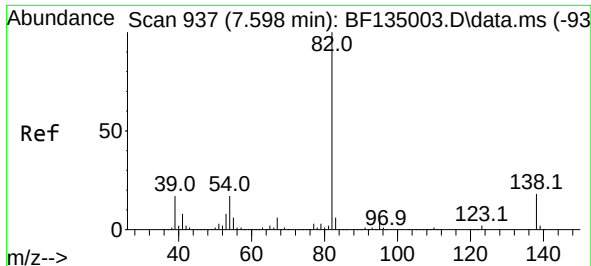
Tgt Ion:	136	Resp:	484310
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	7.0	10.4
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 104.526 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Tgt Ion:	82	Resp:	901073
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	55.6	45.0	67.6

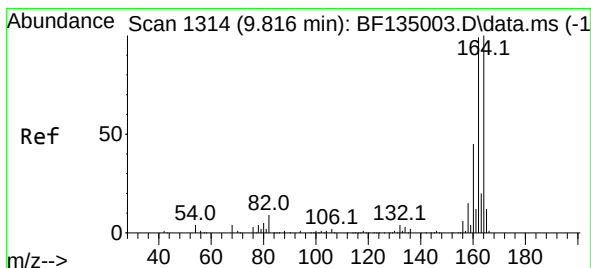
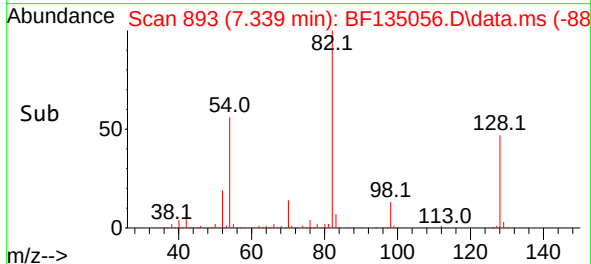
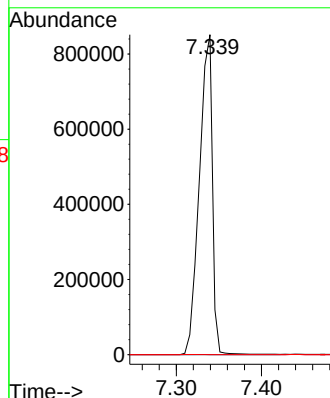
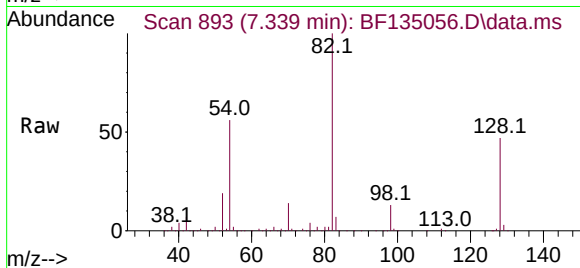




#25
Isophorone
Concen: 55.129 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

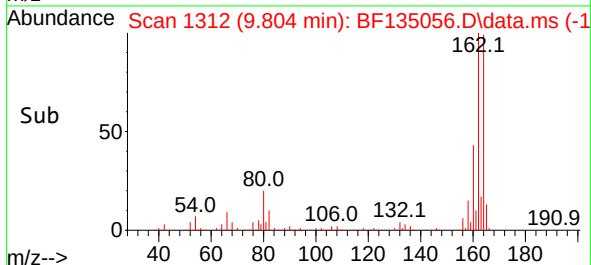
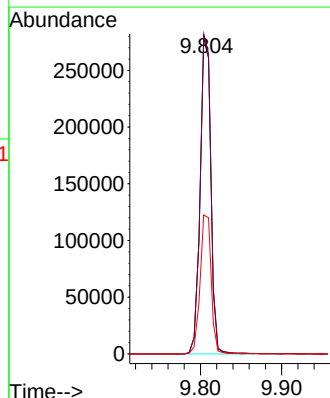
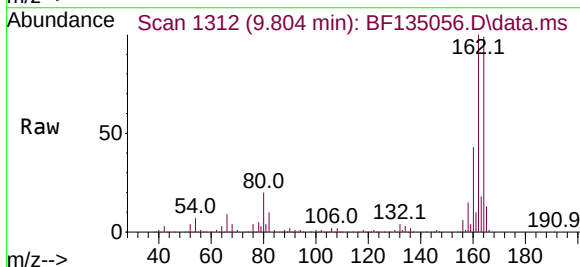
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

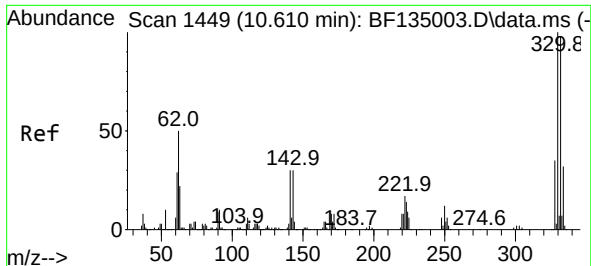
Tgt Ion: 82 Resp: 901061
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

Tgt Ion:164 Resp: 254286
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 138.661 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135056.D

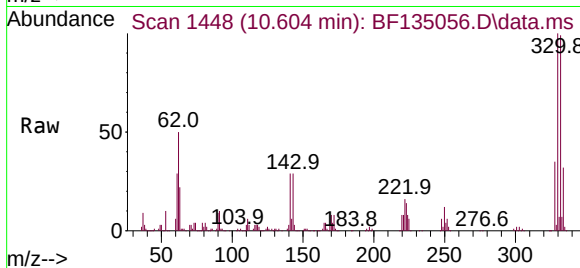
Acq: 31 Aug 2023 23:05

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-22



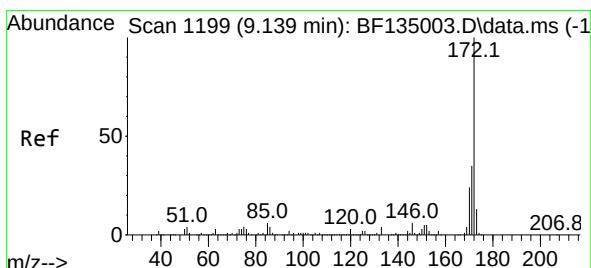
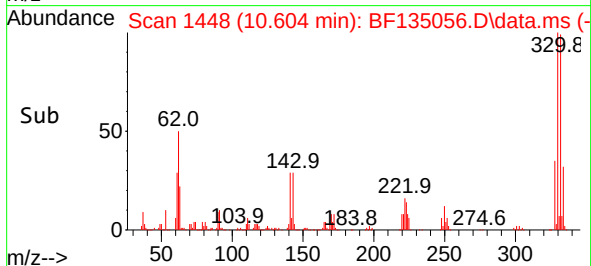
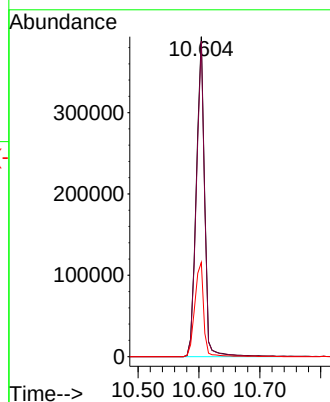
Tgt Ion:330 Resp: 374030

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 99.681 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135056.D

Acq: 31 Aug 2023 23:05

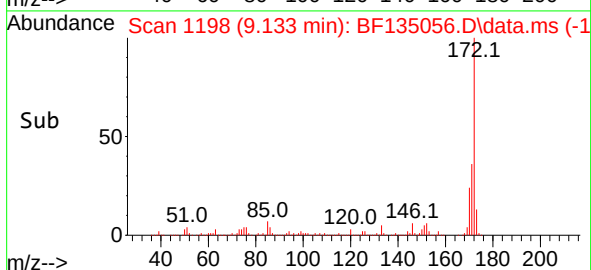
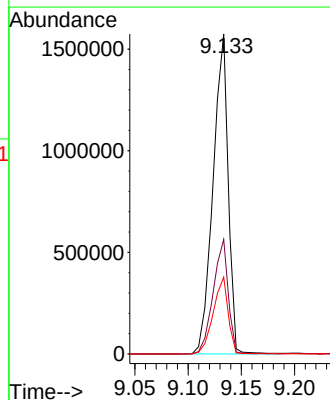
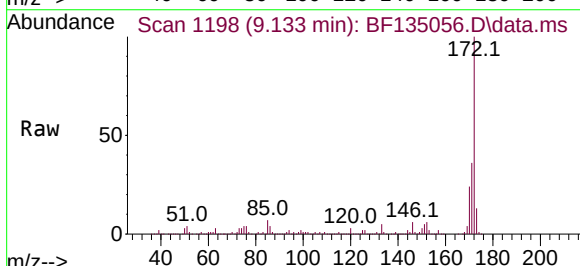
Tgt Ion:172 Resp: 1556871

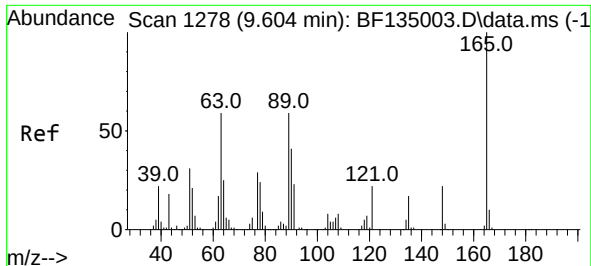
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.0 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.270 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.200 min

Lab File: BF135056.D

Acq: 31 Aug 2023 23:05

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-22

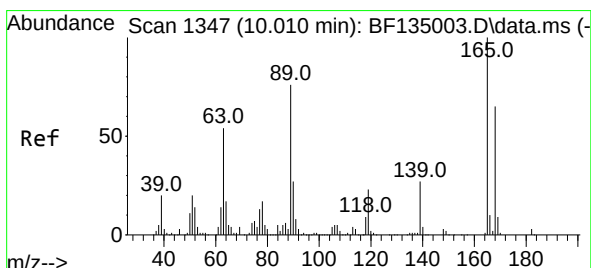
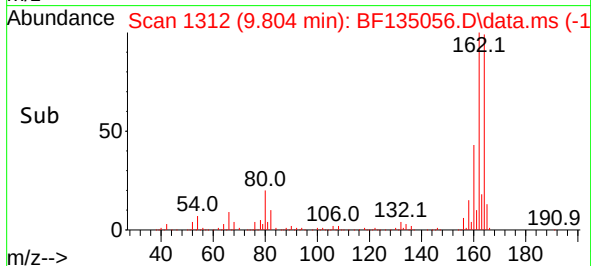
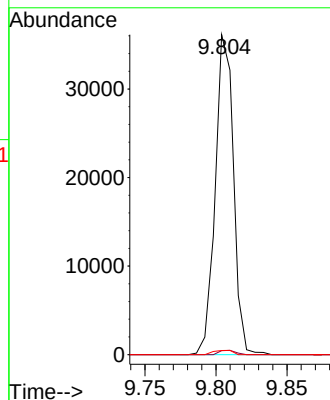
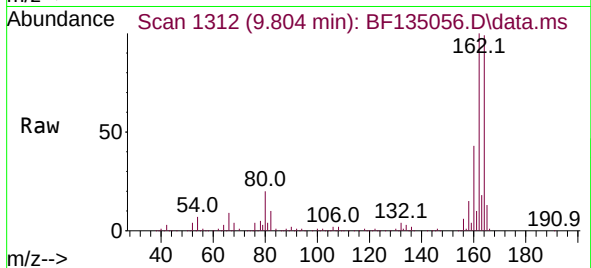
Tgt Ion:165 Resp: 32309

Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

89 1.3 47.1 70.7#



#57

2,4-Dinitrotoluene

Concen: 6.636 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.206 min

Lab File: BF135056.D

Acq: 31 Aug 2023 23:05

Tgt Ion:165 Resp: 32309

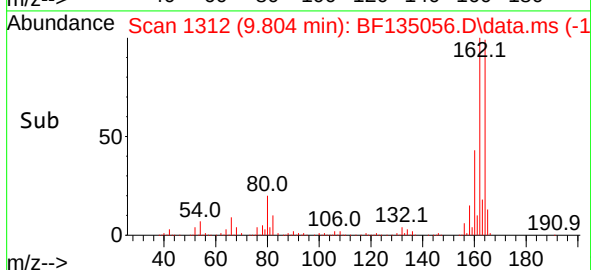
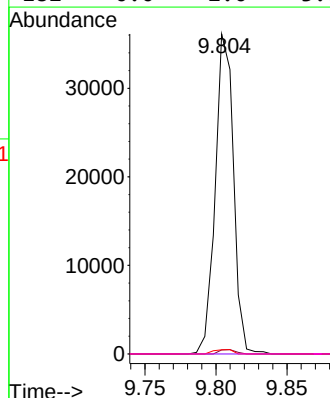
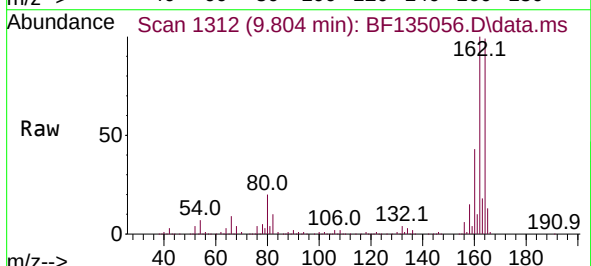
Ion Ratio Lower Upper

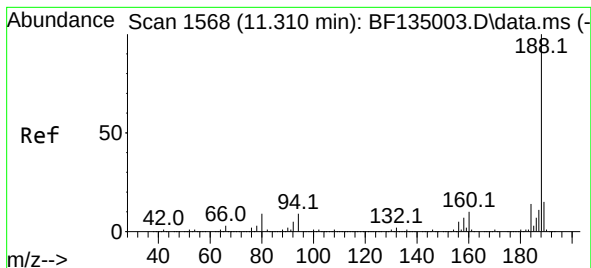
165 100

63 1.2 43.2 64.8#

89 1.3 60.8 91.2#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135056.D

Acq: 31 Aug 2023 23:05

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-22

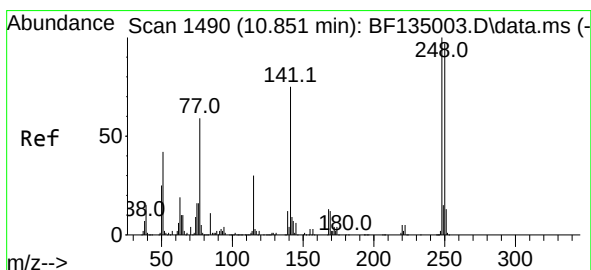
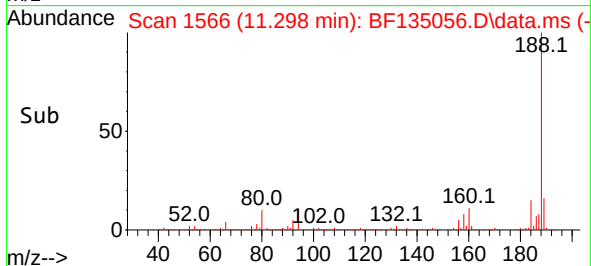
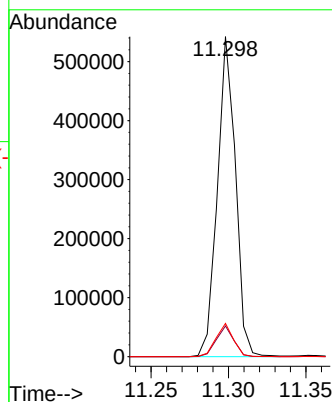
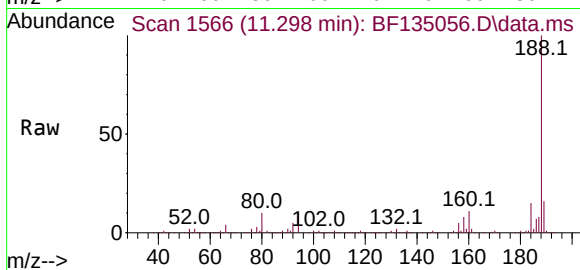
Tgt Ion:188 Resp: 442749

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.4 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 4.890 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135056.D

Acq: 31 Aug 2023 23:05

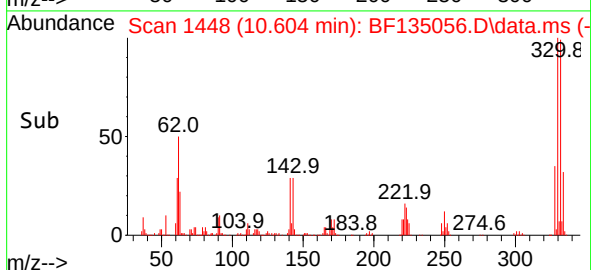
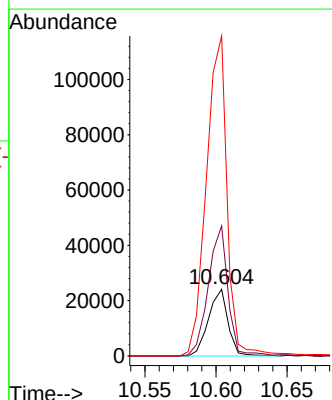
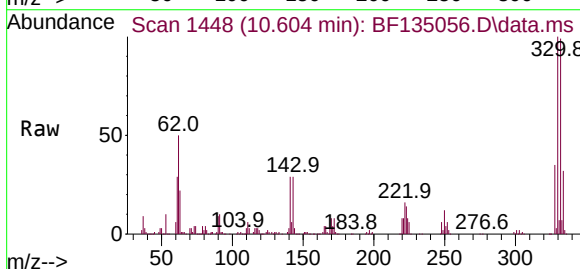
Tgt Ion:248 Resp: 22965

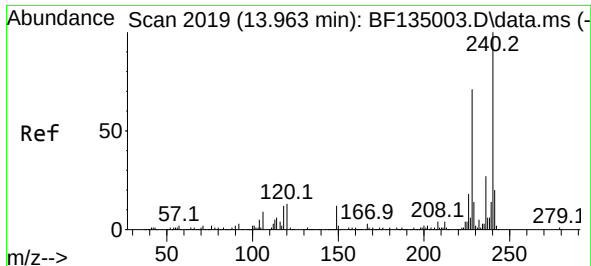
Ion Ratio Lower Upper

248 100

250 194.9 77.9 116.9#

141 479.7 59.8 89.8#

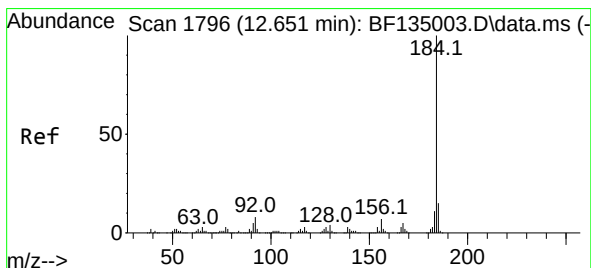
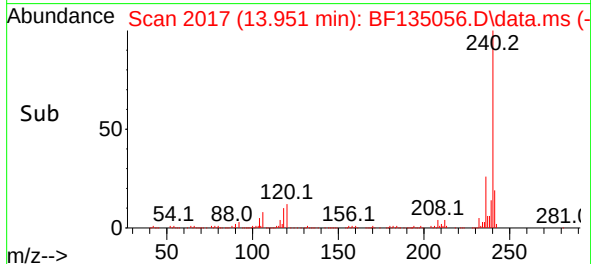
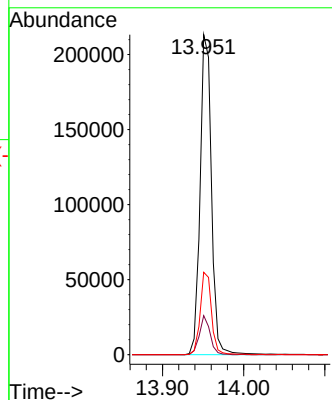
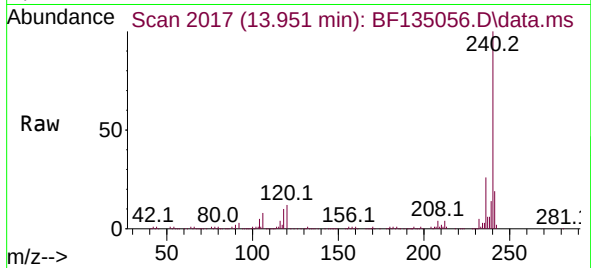




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

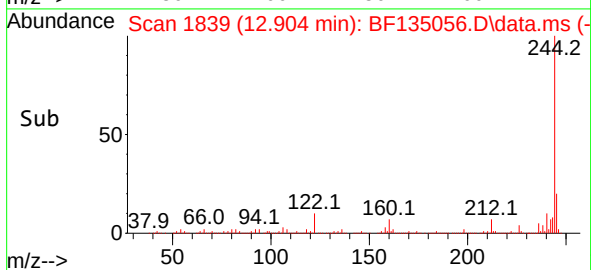
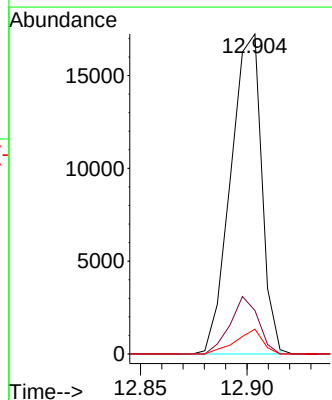
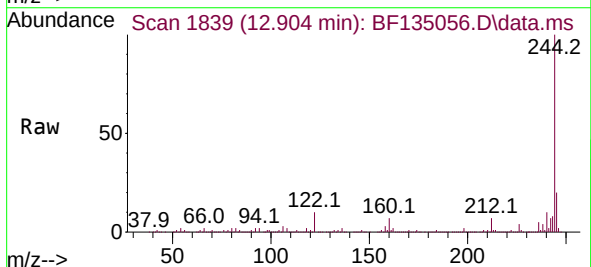
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

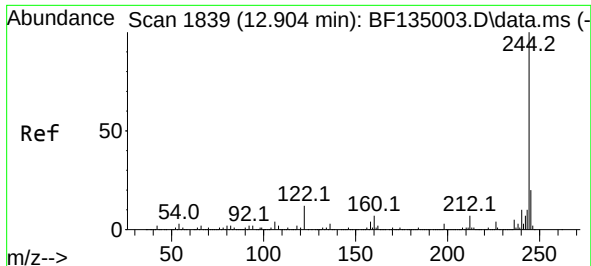
Tgt Ion:240 Resp: 206266
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.2
236 25.7 21.3 31.9



#77
Benzidine
Concen: 4.686 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135056.D
Acq: 31 Aug 2023 23:05

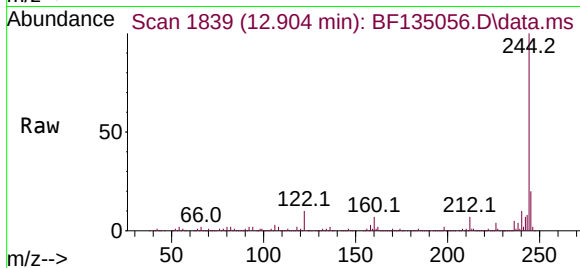
Tgt Ion:184 Resp: 17423
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 7.7 9.0 13.6#





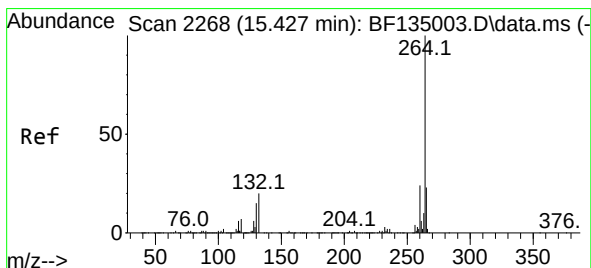
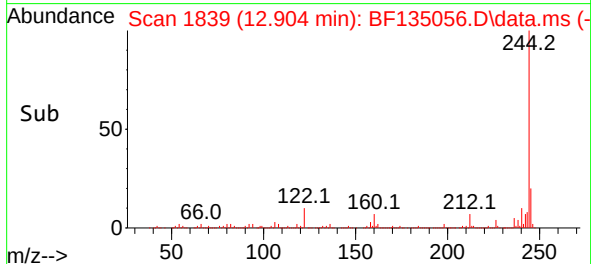
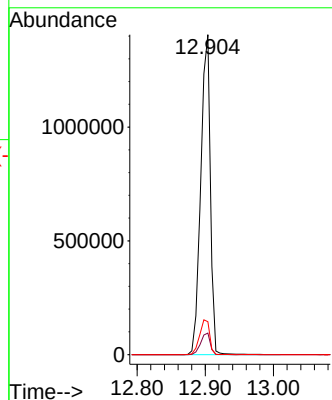
#79
 Terphenyl-d14
 Concen: 108.809 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135056.D
 Acq: 31 Aug 2023 23:05

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-22



Tgt Ion:244 Resp: 1375303

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.3	9.8	14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135056.D
 Acq: 31 Aug 2023 23:05

Tgt Ion:264 Resp: 229613

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.1	18.2	27.2

