

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134992.D
 Acq On : 29 Aug 2023 19:42
 Operator : CG\JU
 Sample : 04188-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Aug 29 22:29:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

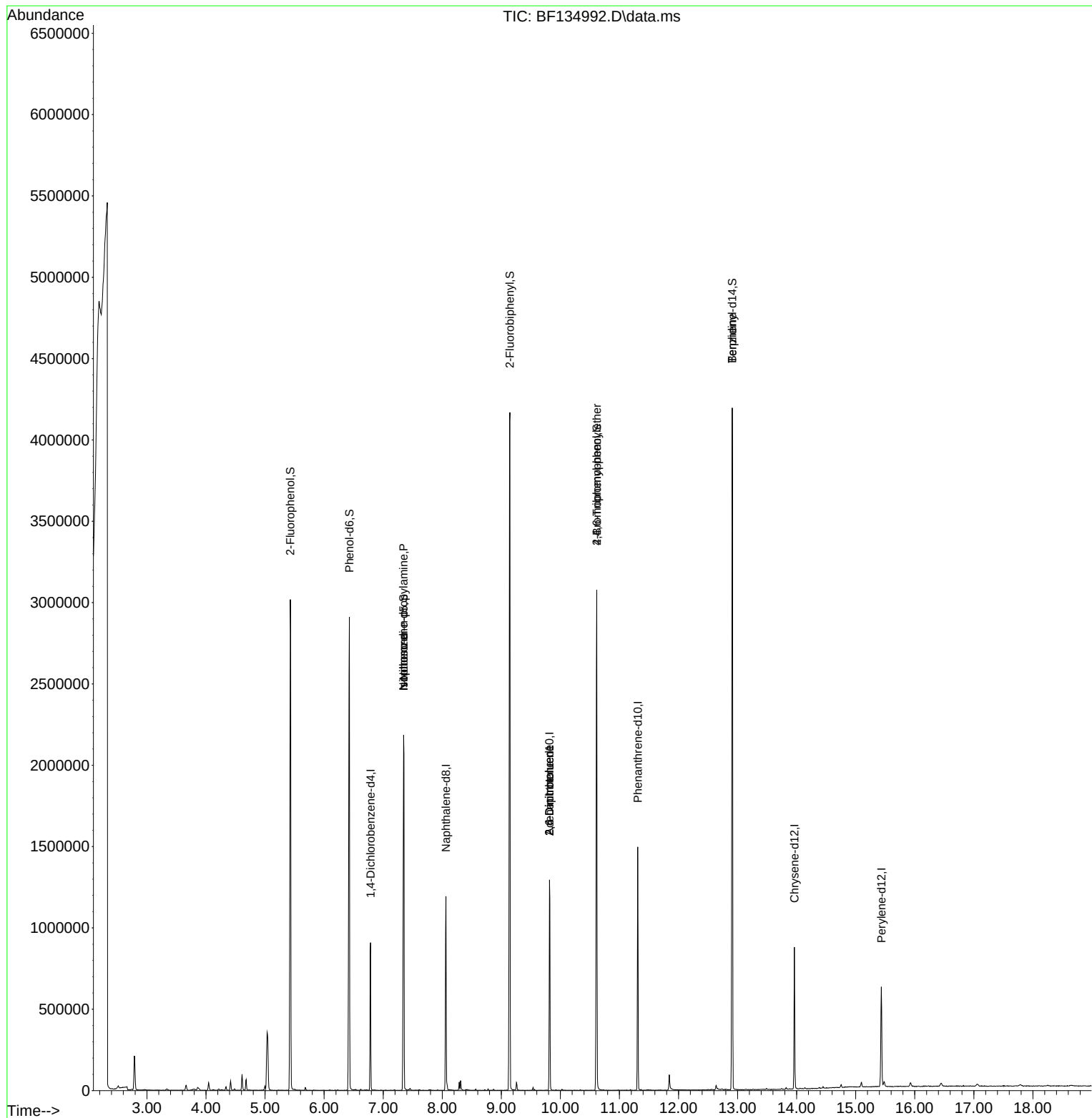
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	130493	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	525196	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	275456	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	499550	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	271373	20.000	ng	-0.02
86) Perylene-d12	15.433	264	282516	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	918355	112.225	ng	0.00
7) Phenol-d6	6.428	99	1048591	100.281	ng	-0.01
23) Nitrobenzene-d5	7.345	82	807997	84.775	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	404171	124.583	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1461879	82.042	ng	-0.01
79) Terphenyl-d14	12.910	244	1593901	80.784	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	111631	18.279	ng	# 77
25) Isophorone	7.345	82	803395	45.141	ng	# 64
51) 2,6-Dinitrotoluene	9.816	165	35524	8.215	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	35524	6.642	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	25344	4.397	ng	# 1
77) Benzidine	12.910	184	20533	4.663	ng	# 92

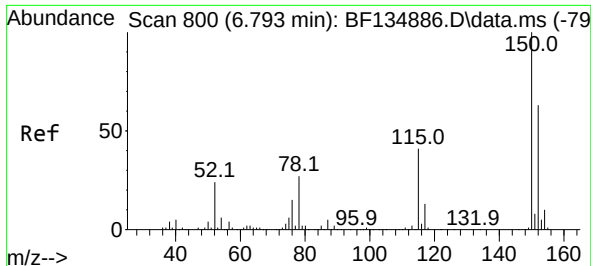
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134992.D
Acq On : 29 Aug 2023 19:42
Operator : CG\JU
Sample : 04188-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Time: Aug 29 22:29:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

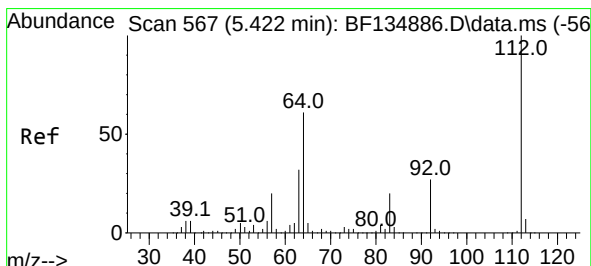
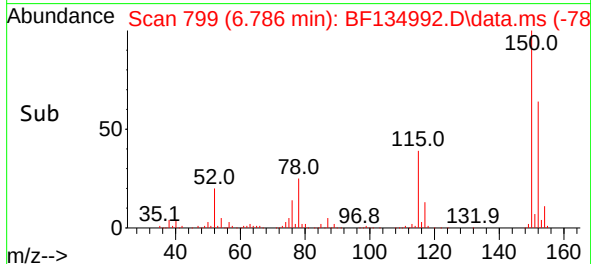
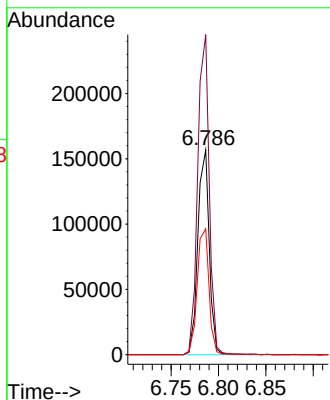
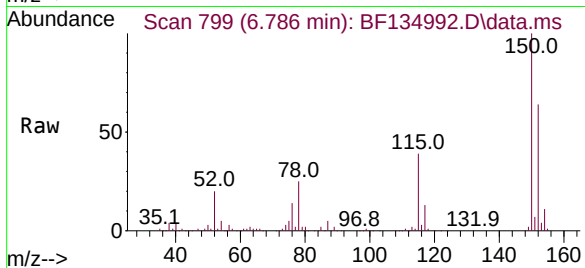




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

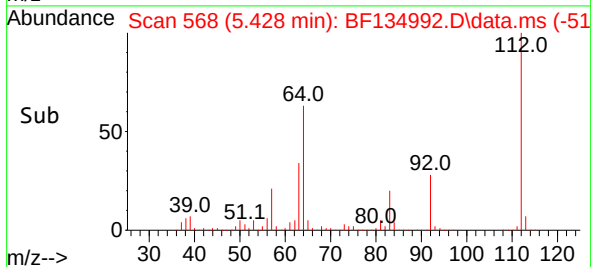
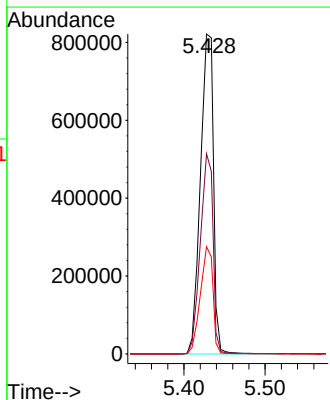
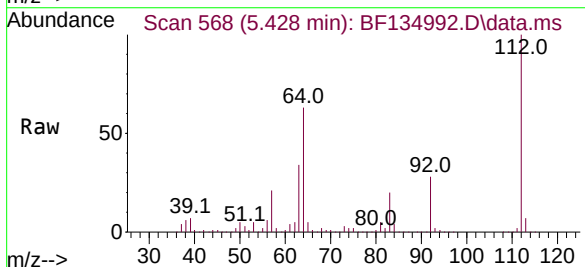
Instrument :
BNA_F
ClientSampleId :
WC-5

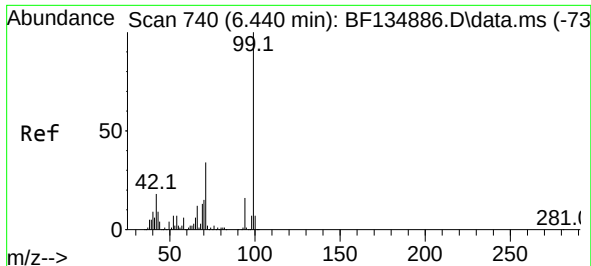
Tgt Ion:152 Resp: 130493
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 61.5 51.1 76.7



#5
2-Fluorophenol
Concen: 112.225 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

Tgt Ion:112 Resp: 918355
Ion Ratio Lower Upper
112 100
64 62.6 48.6 73.0
63 33.5 25.7 38.5

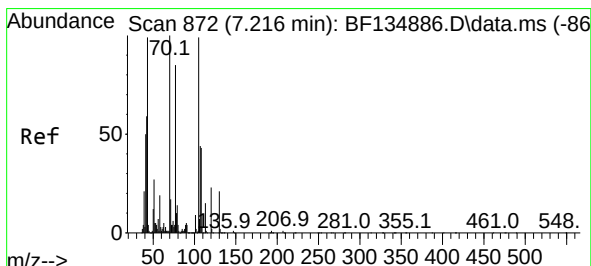
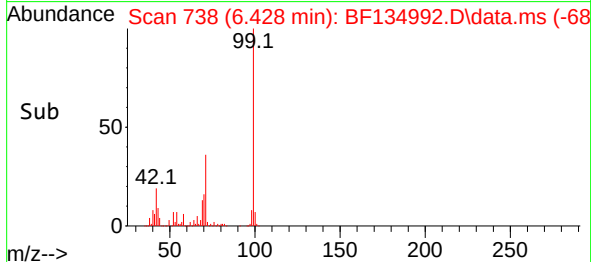
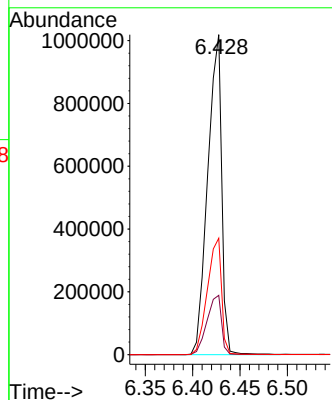
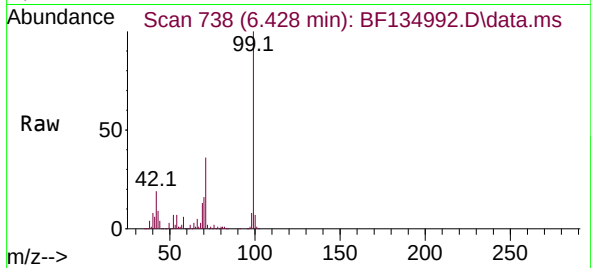




#7
Phenol-d6
Concen: 100.281 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

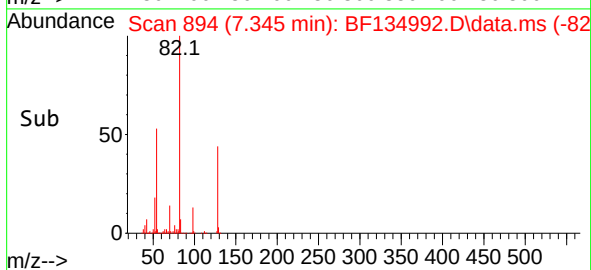
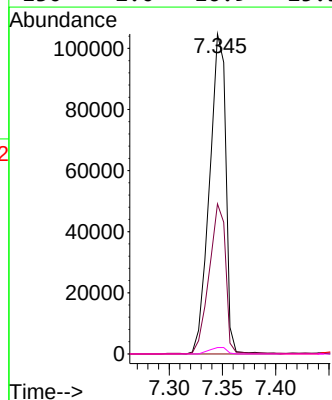
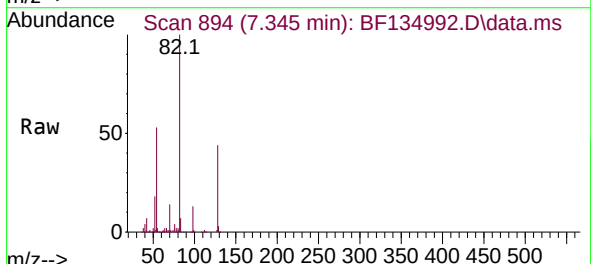
Instrument :
BNA_F
ClientSampleId :
WC-5

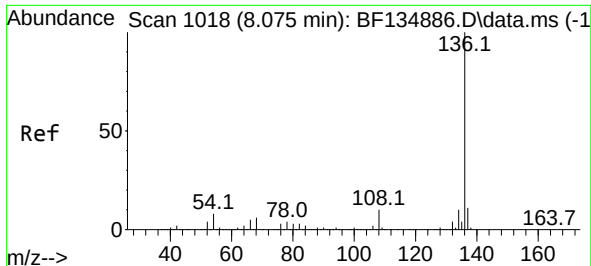
Tgt Ion: 99 Resp: 1048591
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 36.4 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.279 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

Tgt Ion: 70 Resp: 111631
Ion Ratio Lower Upper
70 100
42 46.9 46.9 70.3
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#

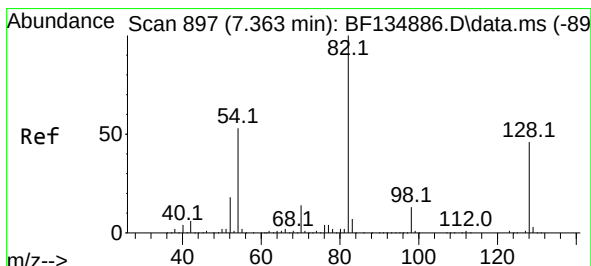
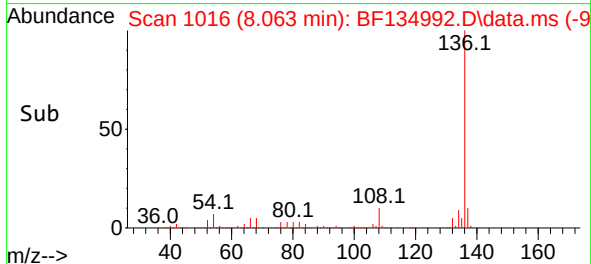
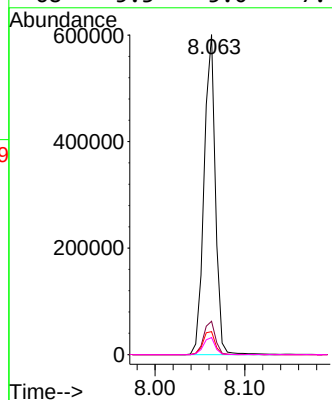
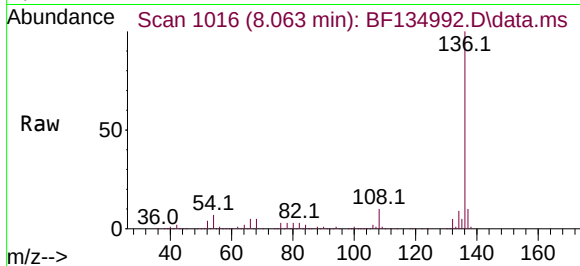




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

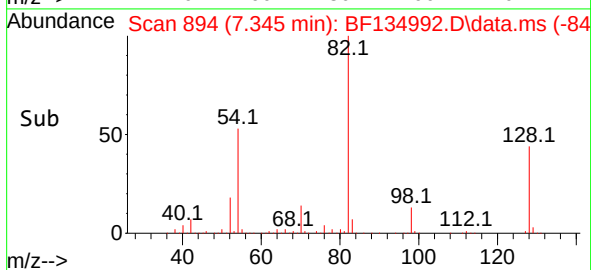
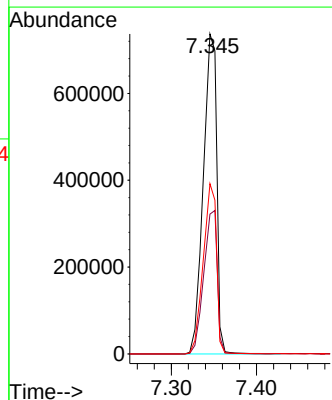
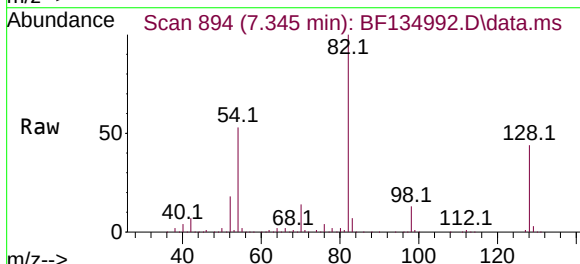
Instrument :
BNA_F
ClientSampleId :
WC-5

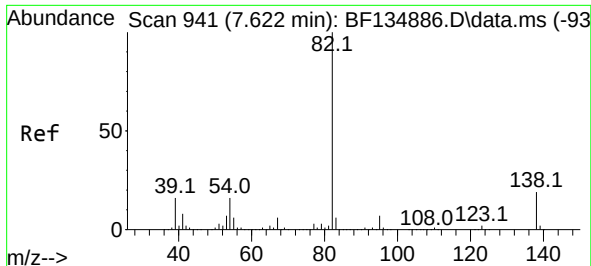
Tgt Ion:136	Resp:	525196
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.2	6.6 9.8
68	5.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.775 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

Tgt Ion: 82	Resp:	807997
Ion Ratio	Lower	Upper
82	100	
128	43.7	36.6 54.8
54	53.2	42.6 63.8

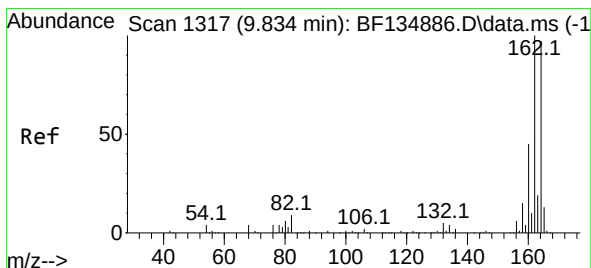
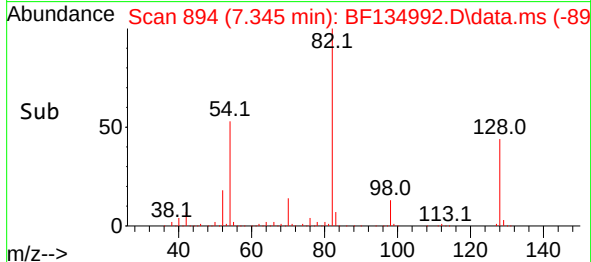
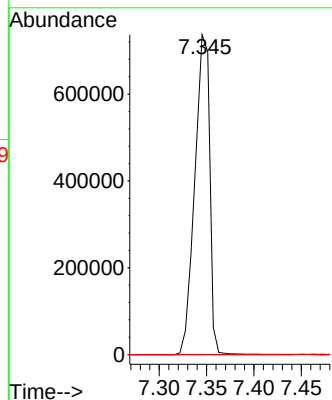
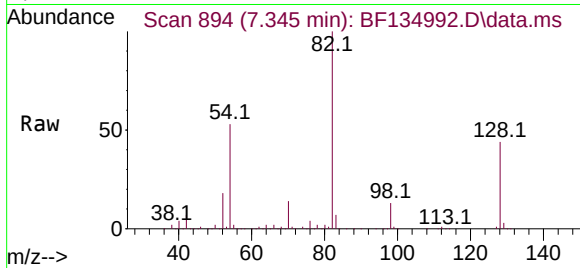




#25
Isophorone
Concen: 45.141 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

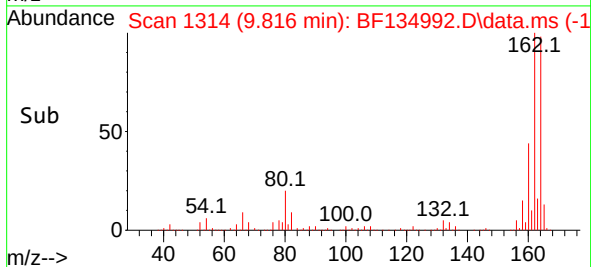
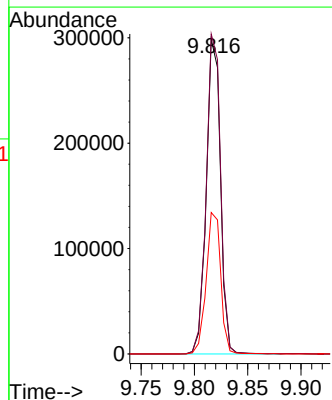
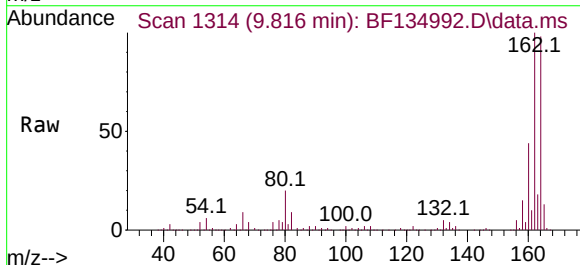
Instrument :
BNA_F
ClientSampleId :
WC-5

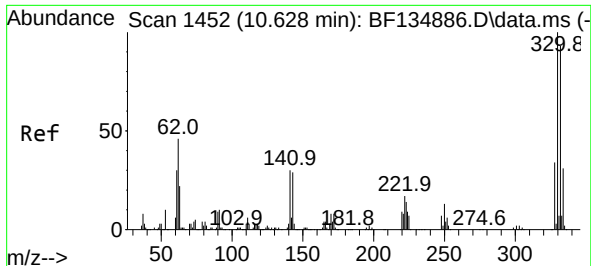
Tgt Ion: 82 Resp: 803395
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

Tgt Ion:164 Resp: 275456
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 45.0 37.0 55.4

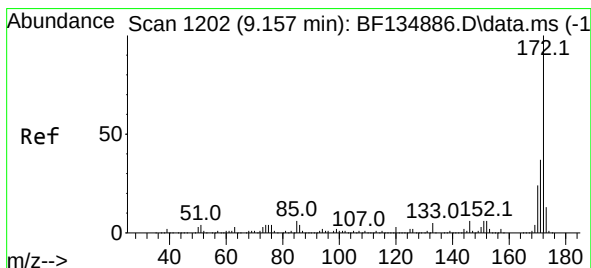
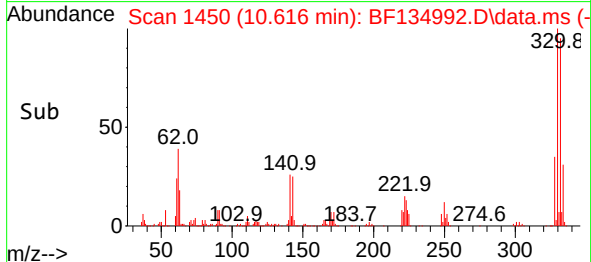
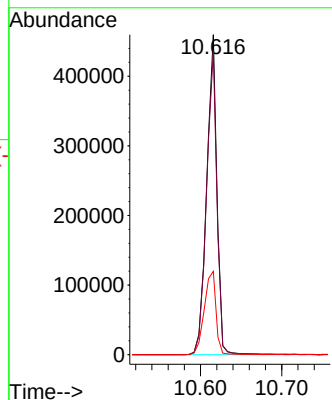
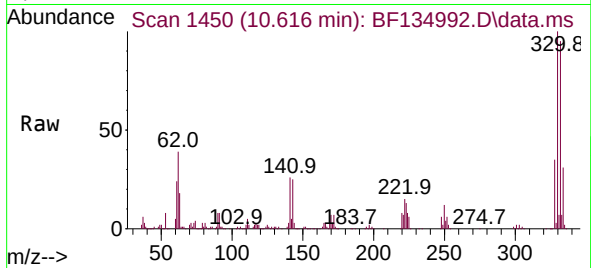




#42
 2,4,6-Tribromophenol
 Concen: 124.583 ng
 RT: 10.616 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BF134992.D
 Acq: 29 Aug 2023 19:42

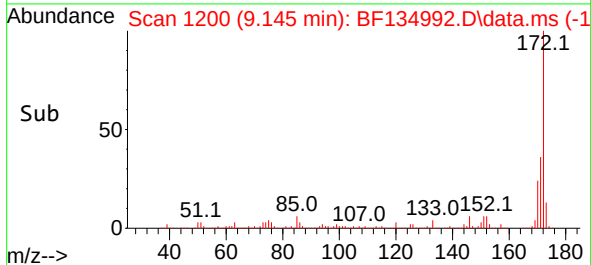
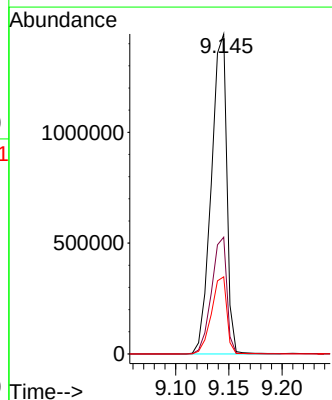
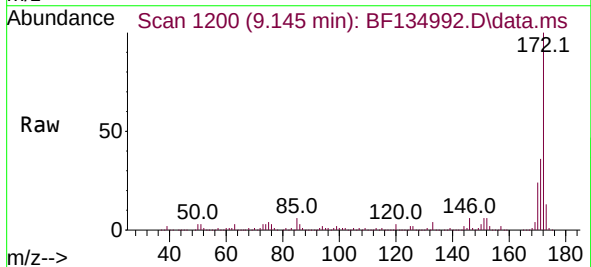
Instrument :
 BNA_F
 ClientSampleId :
 WC-5

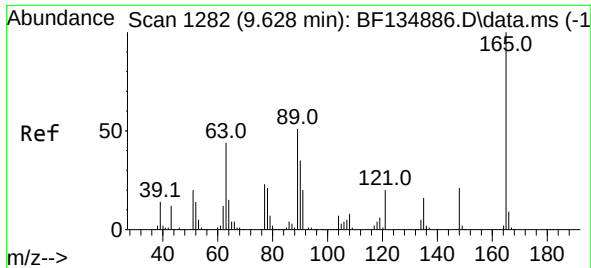
Tgt Ion:330 Resp: 404171
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.3 114.5
 141 29.7 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 82.042 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF134992.D
 Acq: 29 Aug 2023 19:42

Tgt Ion:172 Resp: 1461879
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.1 19.6 29.4





#51

2,6-Dinitrotoluene

Concen: 8.215 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.188 min

Lab File: BF134992.D

Acq: 29 Aug 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-5

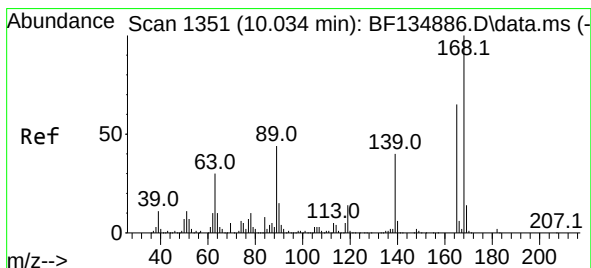
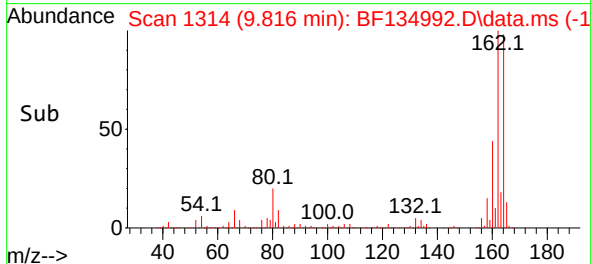
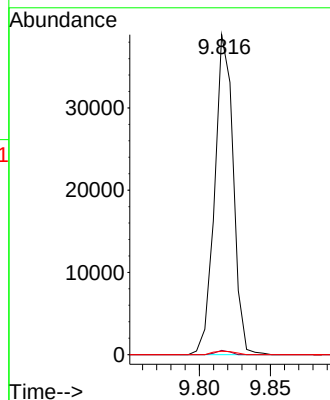
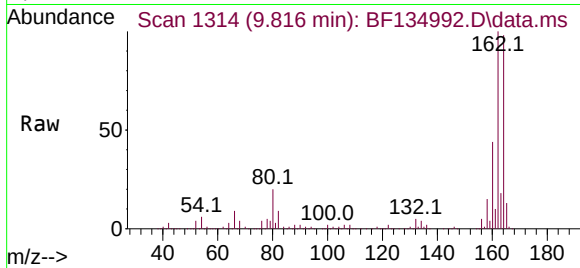
Tgt Ion:165 Resp: 35524

Ion Ratio Lower Upper

165 100

63 1.3 41.4 62.2#

89 1.0 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.642 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.218 min

Lab File: BF134992.D

Acq: 29 Aug 2023 19:42

Tgt Ion:165 Resp: 35524

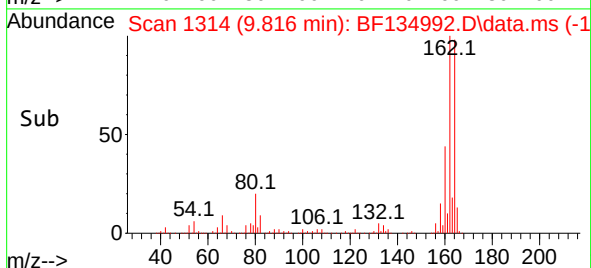
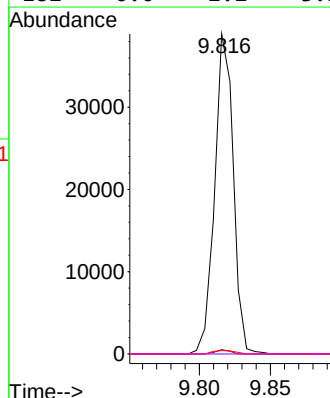
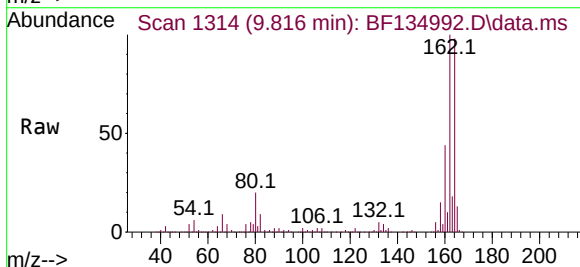
Ion Ratio Lower Upper

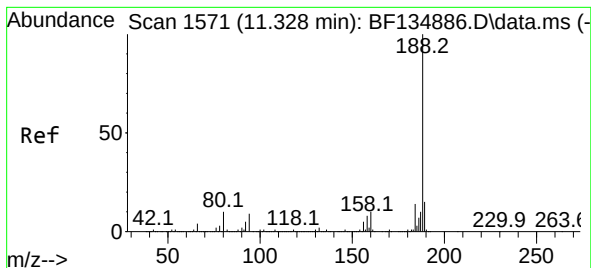
165 100

63 1.3 37.7 56.5#

89 1.0 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134992.D

Acq: 29 Aug 2023 19:42

Instrument :

BNA_F

ClientSampleId :

WC-5

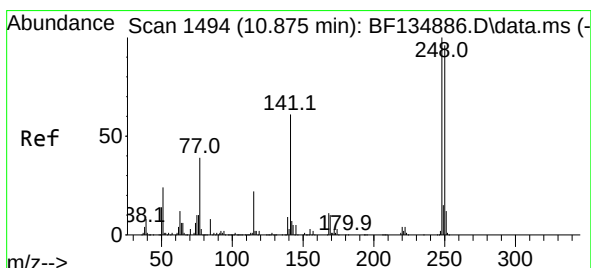
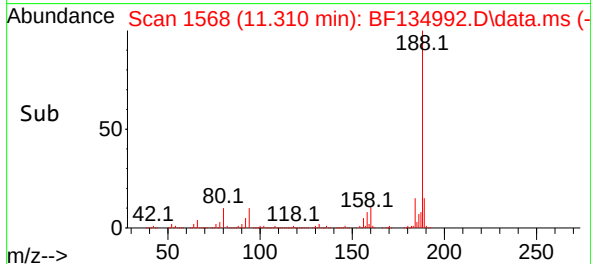
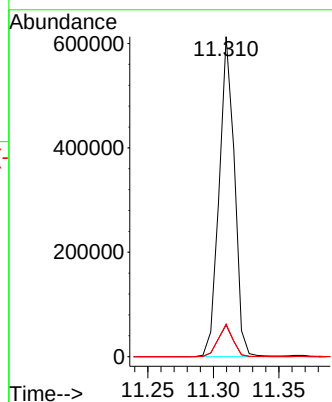
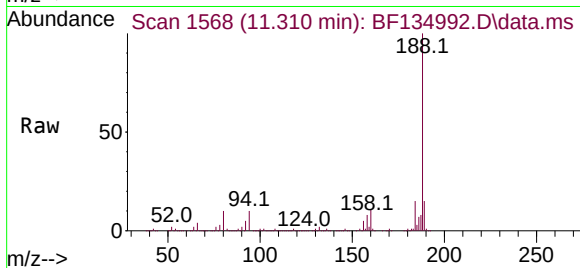
Tgt Ion:188 Resp: 499550

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.2 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.397 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.259 min

Lab File: BF134992.D

Acq: 29 Aug 2023 19:42

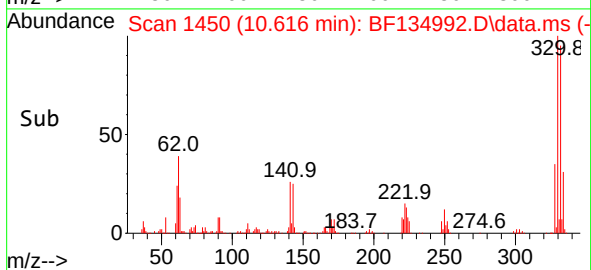
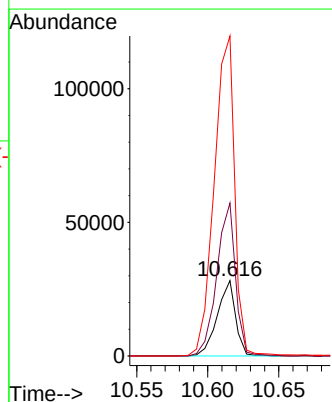
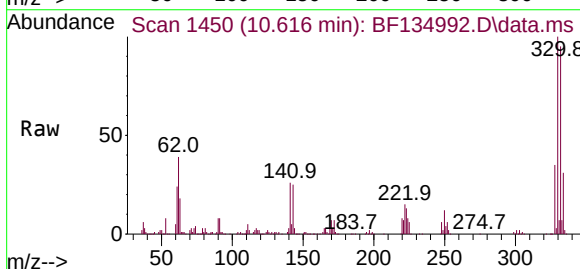
Tgt Ion:248 Resp: 25344

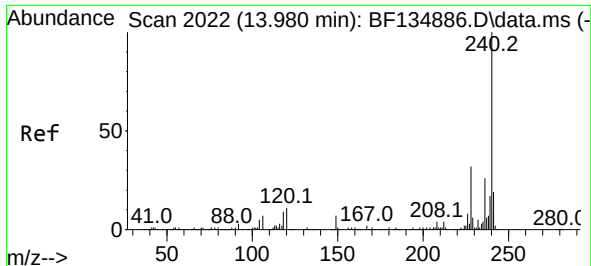
Ion Ratio Lower Upper

248 100

250 203.0 77.1 115.7#

141 424.8 49.0 73.4#

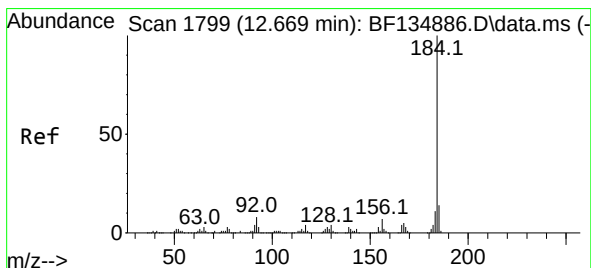
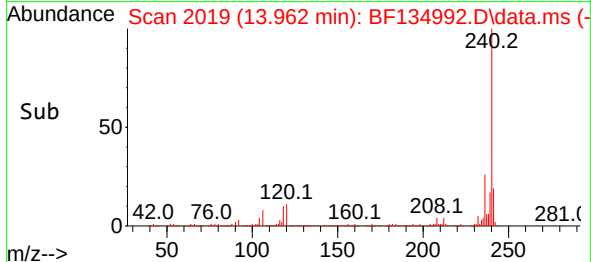
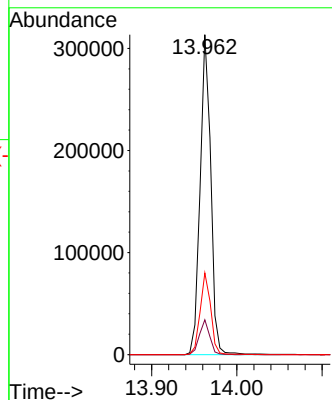
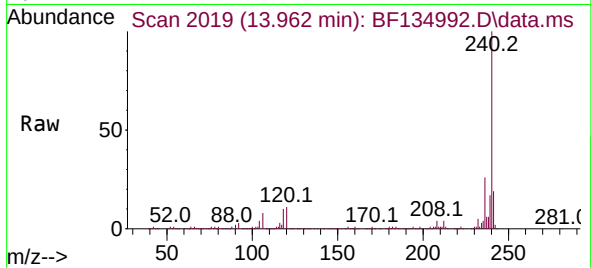




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

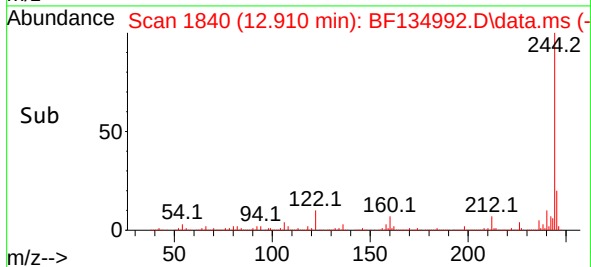
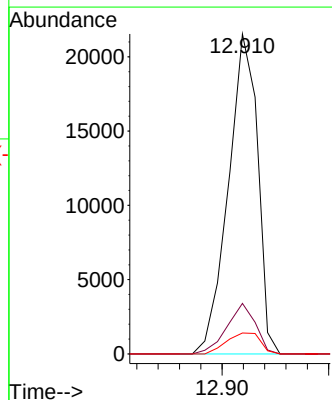
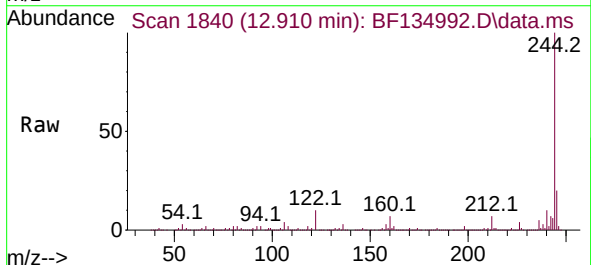
Instrument :
BNA_F
ClientSampleId :
WC-5

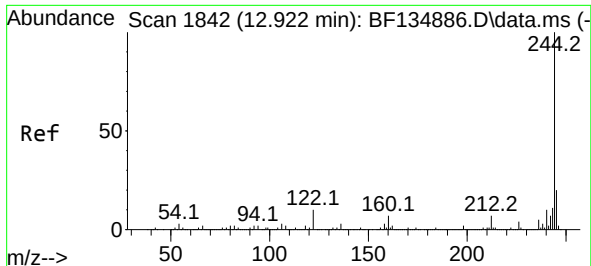
Tgt Ion:240 Resp: 271373
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.5 20.6 31.0



#77
Benzidine
Concen: 4.663 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF134992.D
Acq: 29 Aug 2023 19:42

Tgt Ion:184 Resp: 20533
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.0
183 6.5 9.0 13.4#

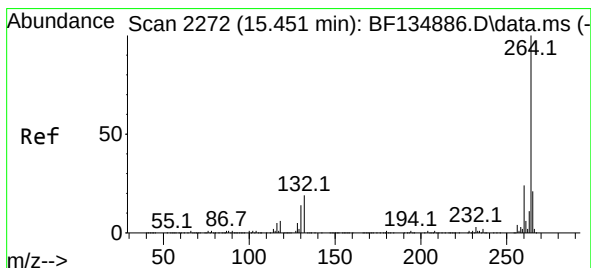
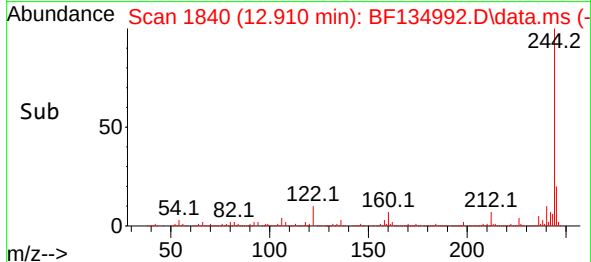
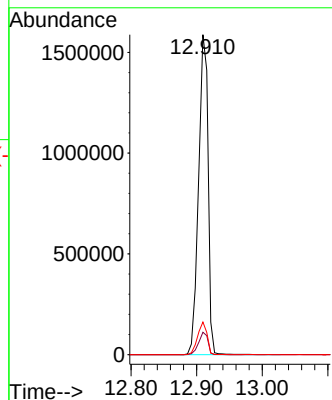
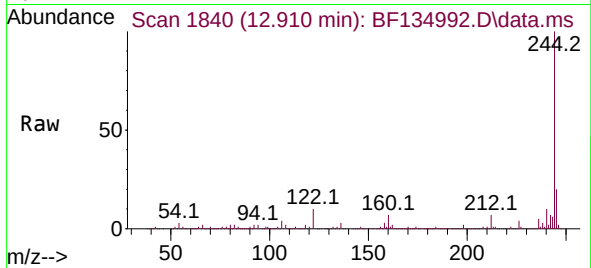




#79
 Terphenyl-d14
 Concen: 80.784 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134992.D
 Acq: 29 Aug 2023 19:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 1593901
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.2 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134992.D
 Acq: 29 Aug 2023 19:42

Tgt Ion:264 Resp: 282516
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.7 17.1 25.7

