

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135019.D
 Acq On : 30 Aug 2023 23:11
 Operator : CG\JU
 Sample : 04170-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01

Quant Time: Aug 31 05:58:35 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)

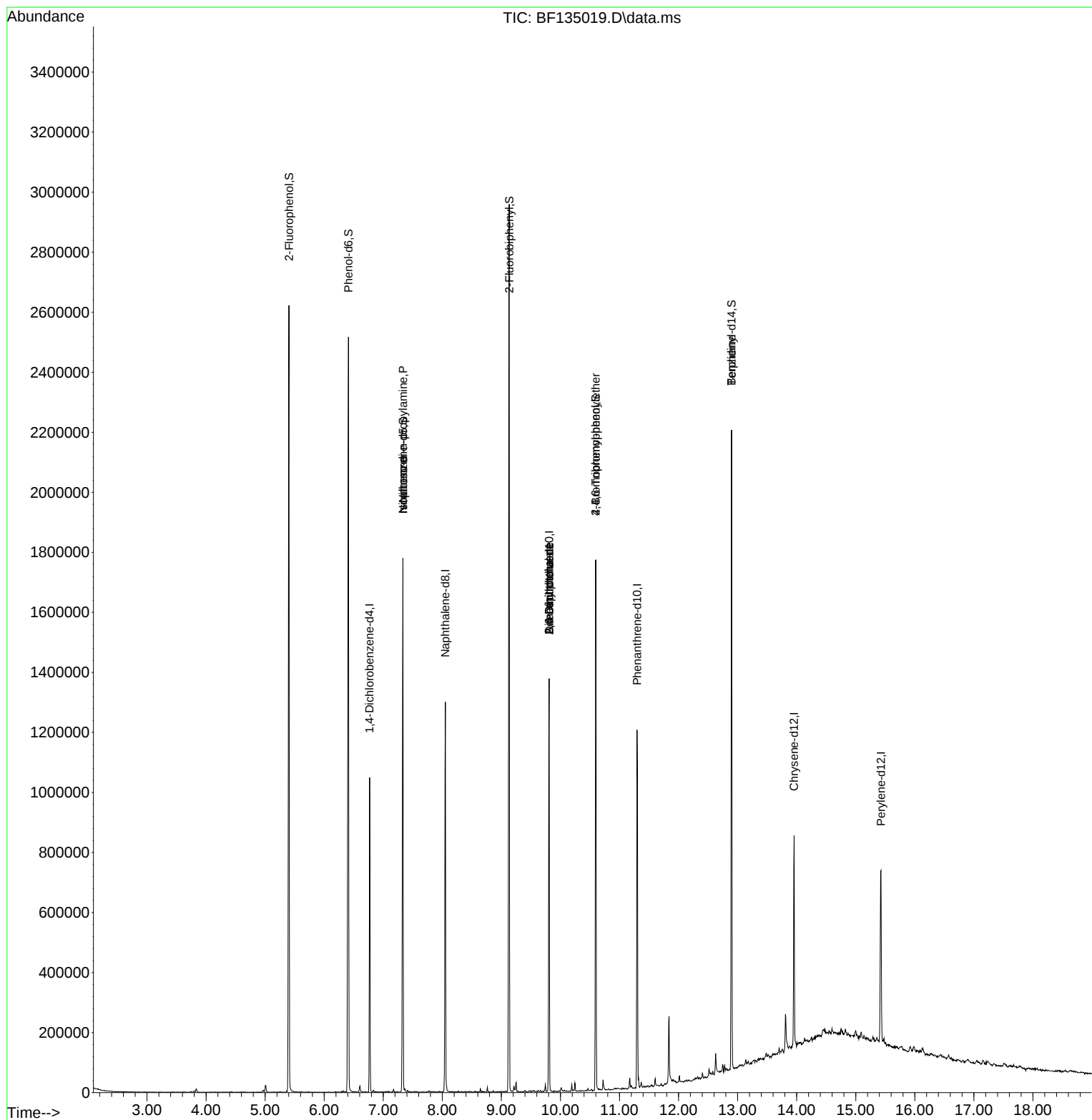
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	139854	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	571435	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	271307	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	430756	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	226966	20.000	ng	0.00
86) Perylene-d12	15.427	264	281099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	698139	77.106	ng	0.00
7) Phenol-d6	6.410	99	860193	76.221	ng	0.00
23) Nitrobenzene-d5	7.333	82	531856	52.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	197210	68.523	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	968138	58.098	ng	0.00
79) Terphenyl-d14	12.898	244	707163	50.845	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	71273	10.632	ng	# 79
25) Isophorone	7.333	82	530434	27.505	ng	# 65
50) Dimethylphthalate	9.810	163	56947	2.998	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	35582	8.536	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	35582	6.850	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	12443	2.723	ng	# 1
77) Benzidine	12.898	184	8496	2.077	ng	# 95

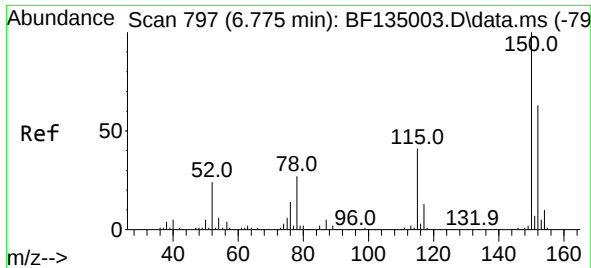
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
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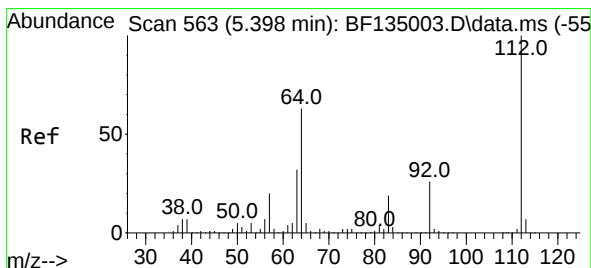
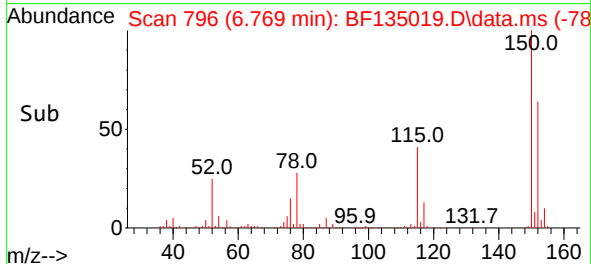
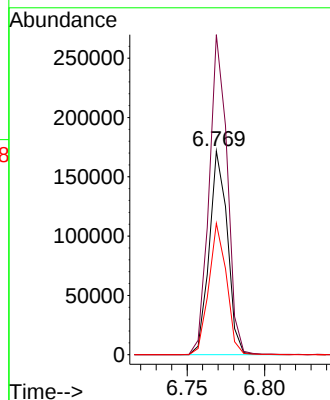
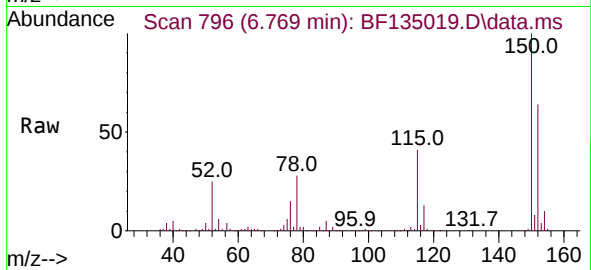




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

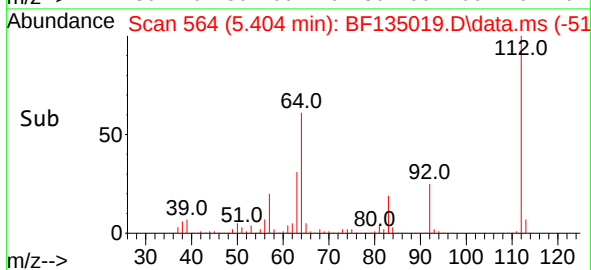
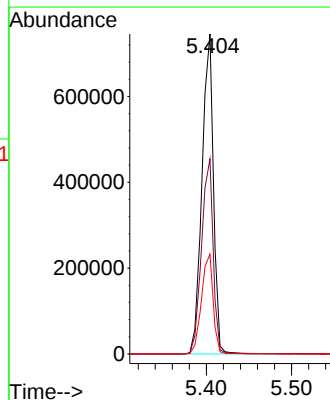
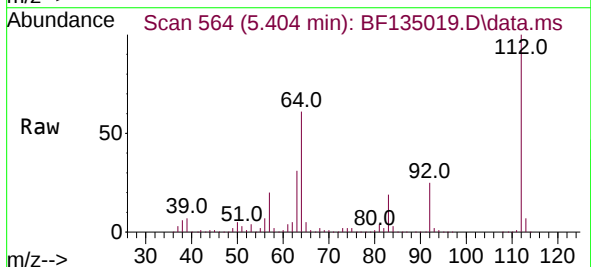
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

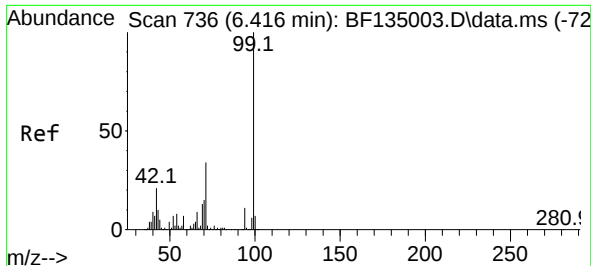
Tgt Ion:152 Resp: 139854
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 64.5 51.2 76.8



#5
2-Fluorophenol
Concen: 77.106 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:112 Resp: 698139
Ion Ratio Lower Upper
112 100
64 60.9 50.5 75.7
63 31.2 25.9 38.9

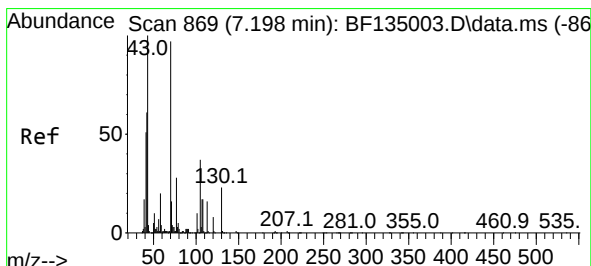
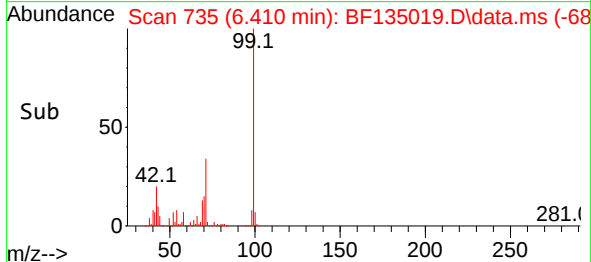
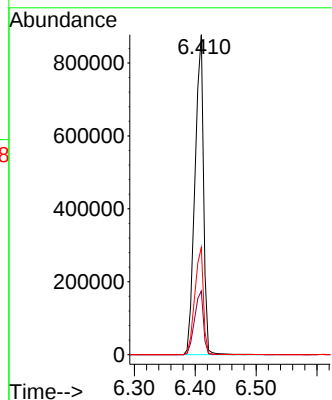
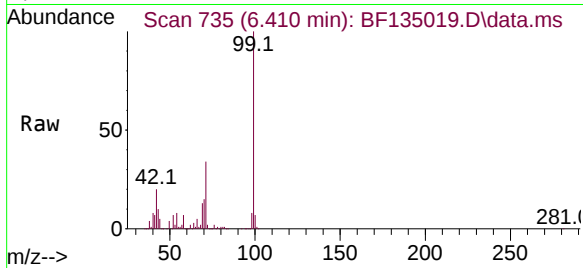




#7
Phenol-d6
Concen: 76.221 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

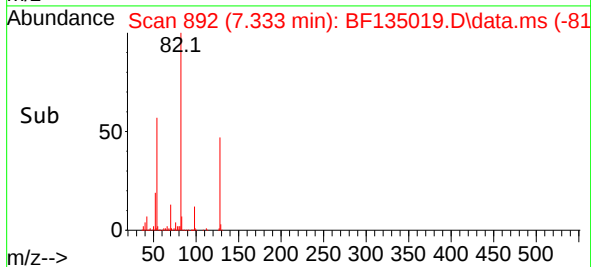
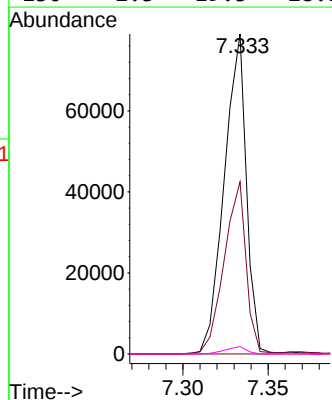
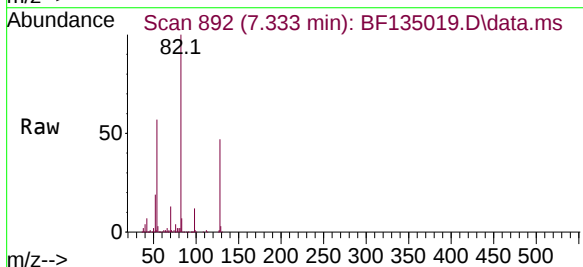
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

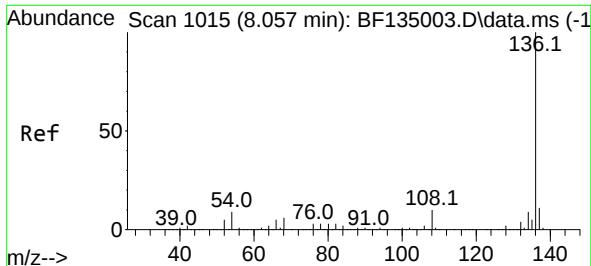
Tgt Ion: 99 Resp: 860193
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 33.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.632 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion: 70 Resp: 71273
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

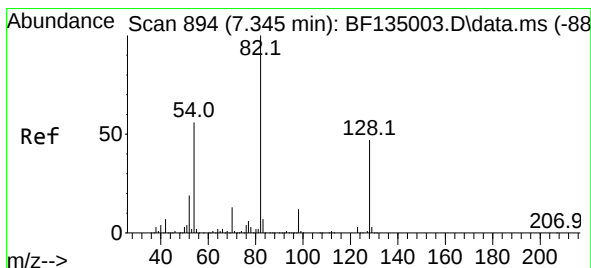
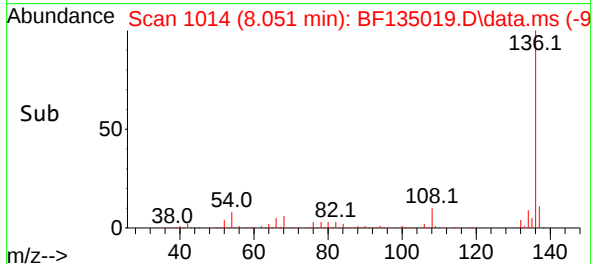
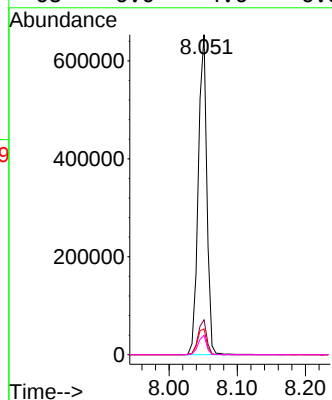
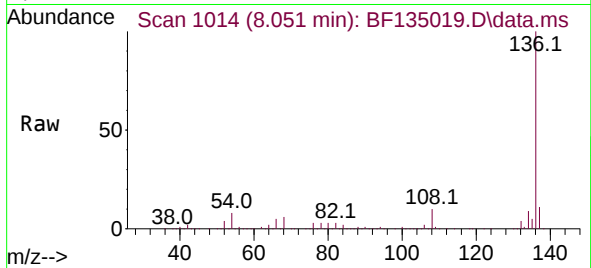




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

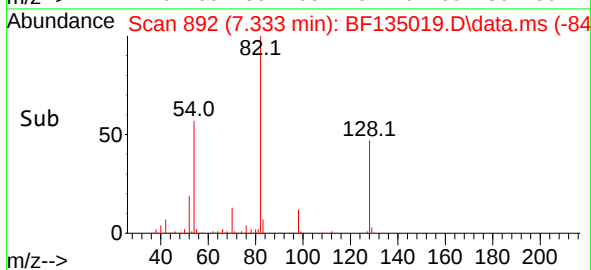
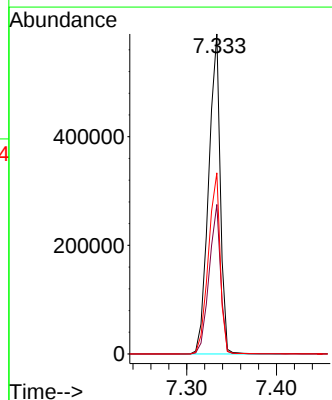
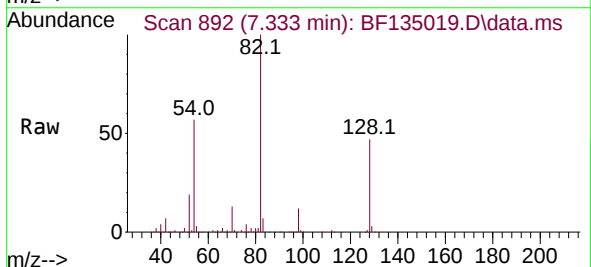
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

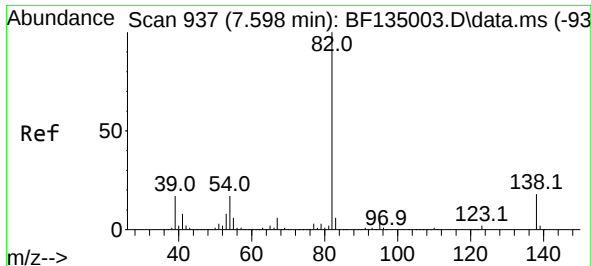
Tgt Ion:136 Resp: 571435
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.0 10.4
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 52.289 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion: 82 Resp: 531856
Ion Ratio Lower Upper
82 100
128 46.7 37.8 56.8
54 56.6 45.0 67.6

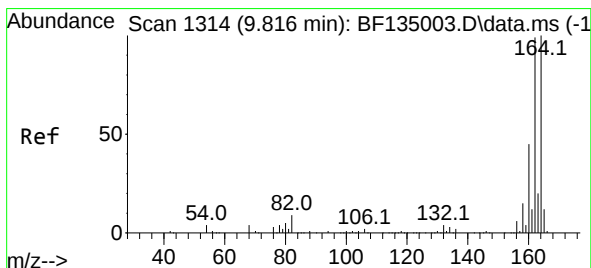
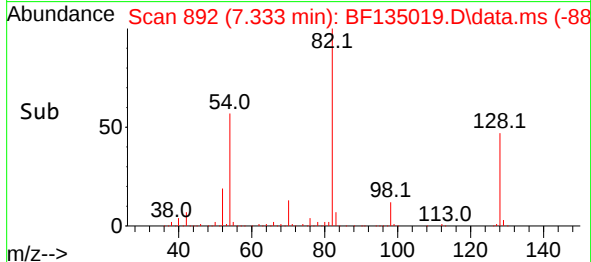
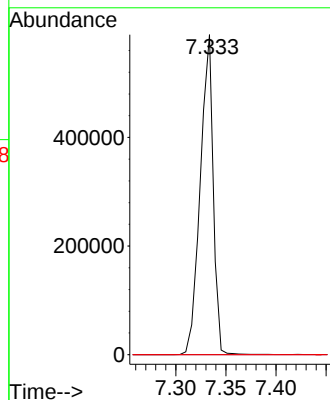
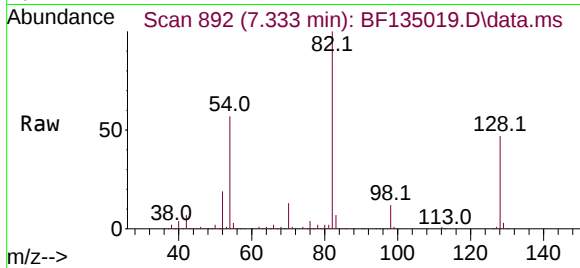




#25
Isophorone
Concen: 27.505 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

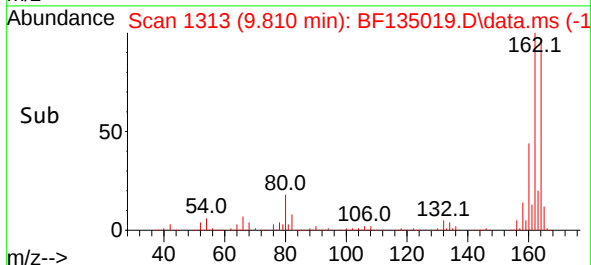
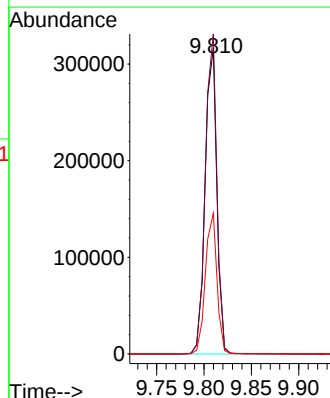
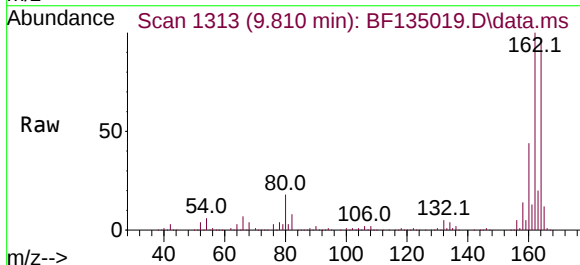
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

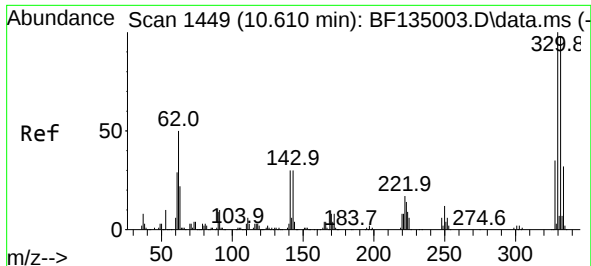
Tgt Ion: 82 Resp: 530434
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion: 164 Resp: 271307
Ion Ratio Lower Upper
164 100
162 104.7 79.5 119.3
160 46.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 68.523 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135019.D

Acq: 30 Aug 2023 23:11

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01

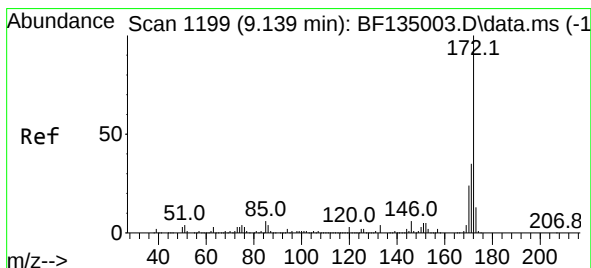
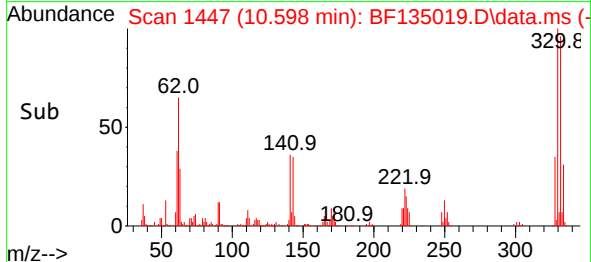
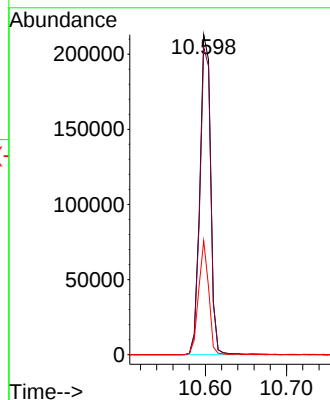
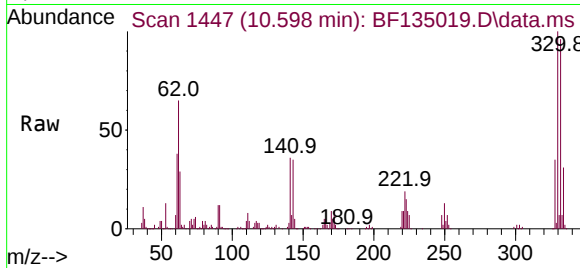
Tgt Ion:330 Resp: 197210

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 33.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 58.098 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135019.D

Acq: 30 Aug 2023 23:11

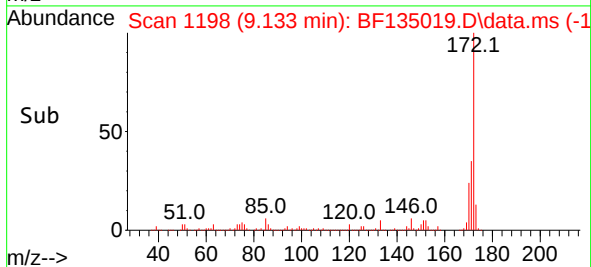
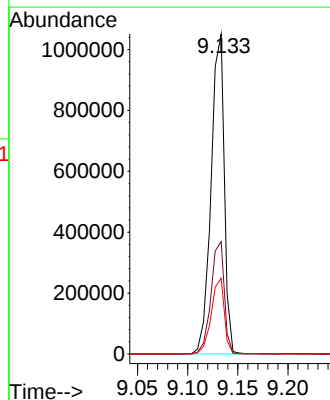
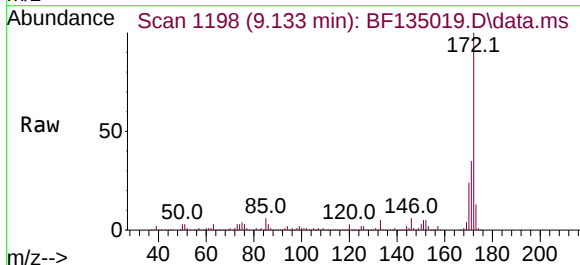
Tgt Ion:172 Resp: 968138

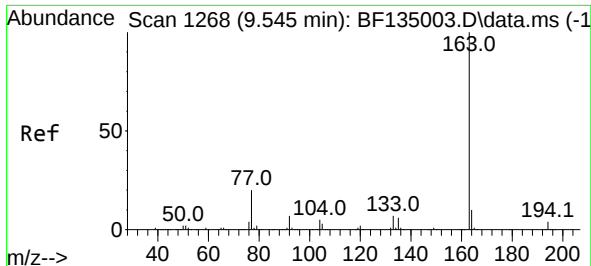
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.0 28.4

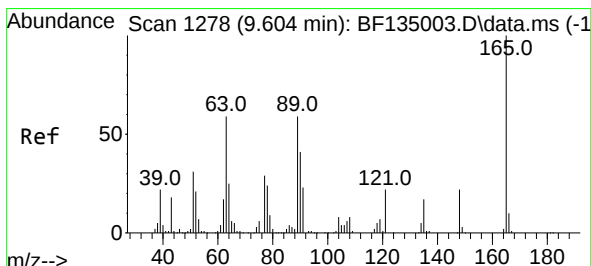
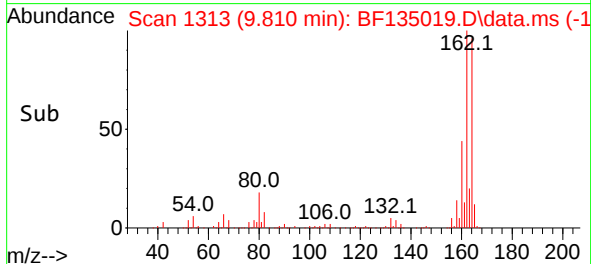
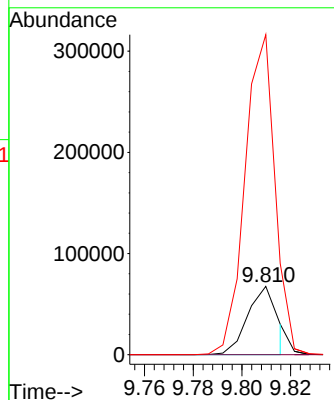
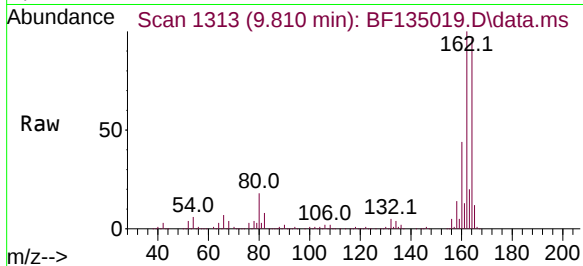




#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

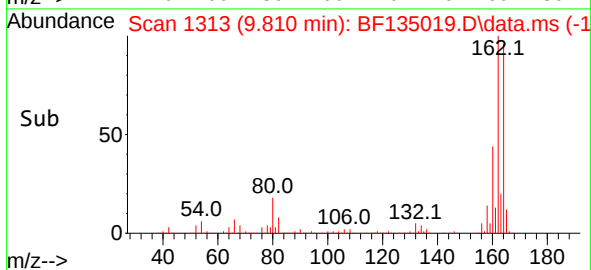
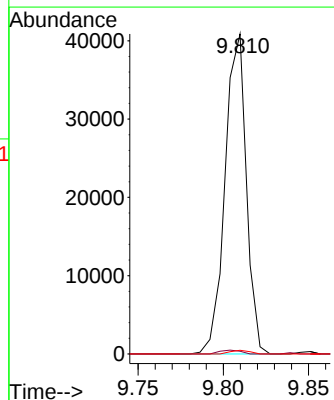
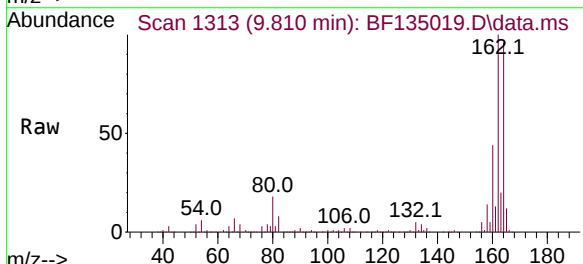
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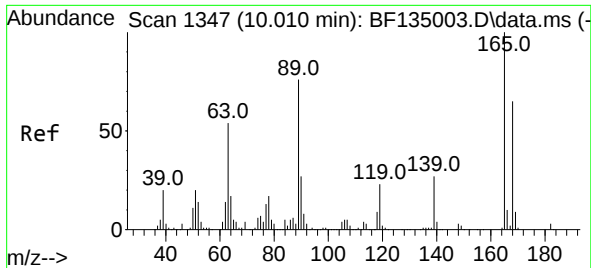
Tgt Ion:163 Resp: 56947
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 468.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.536 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:165 Resp: 35582
Ion Ratio Lower Upper
165 100
63 0.9 50.4 75.6#
89 1.1 47.1 70.7#

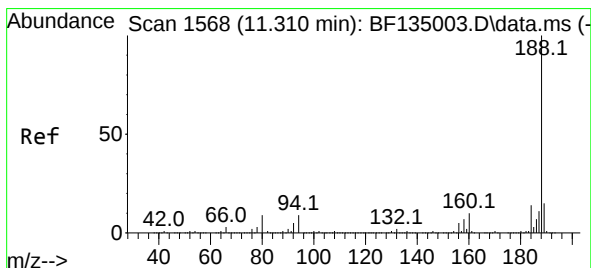
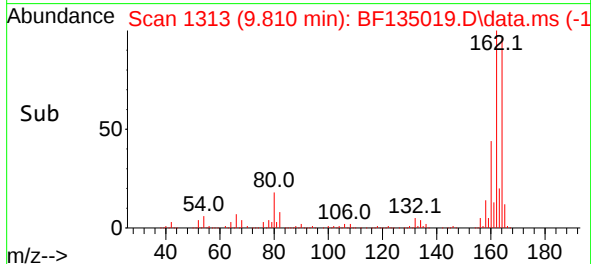
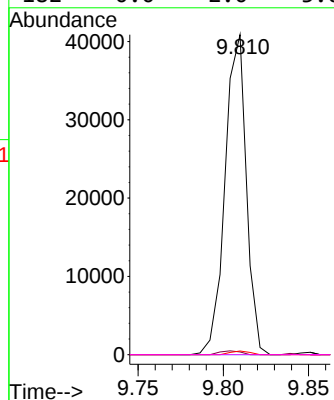
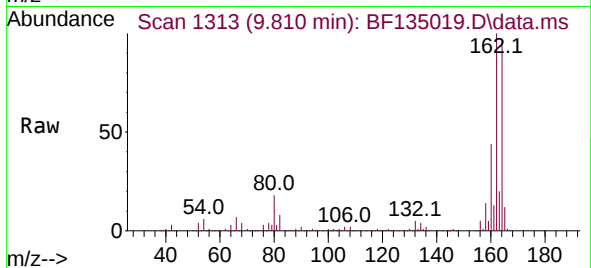




#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

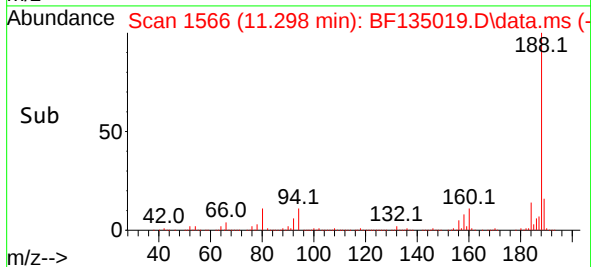
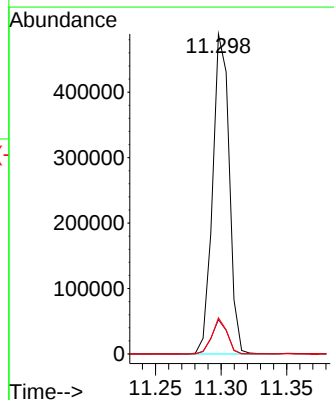
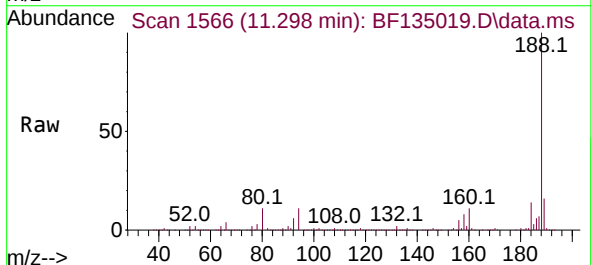
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

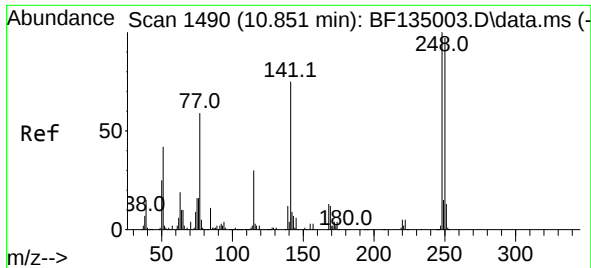
Tgt Ion:165 Resp: 35582
Ion Ratio Lower Upper
165 100
63 0.9 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:188 Resp: 430756
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.4#
80 11.3 7.4 11.2#

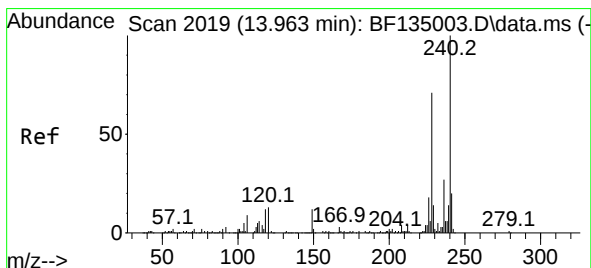
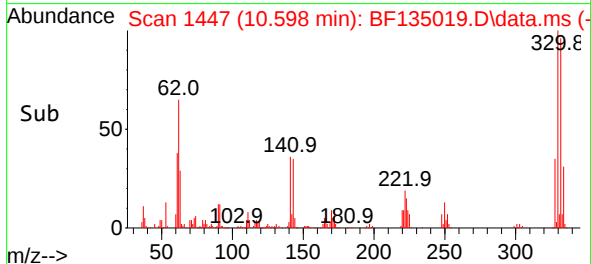
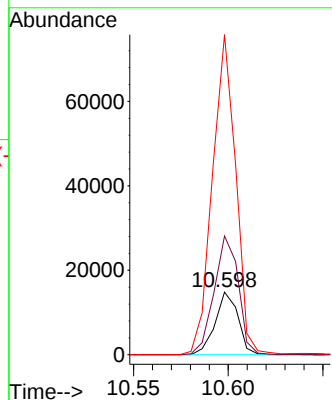
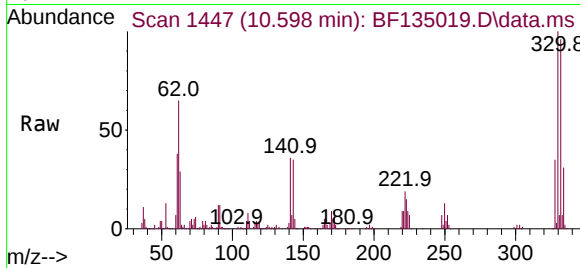




#67
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

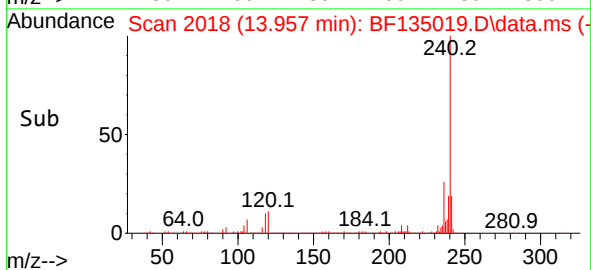
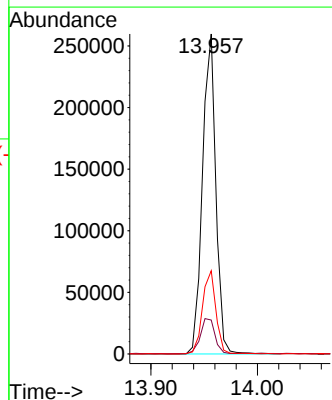
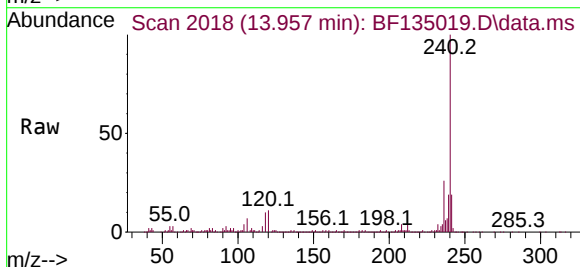
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

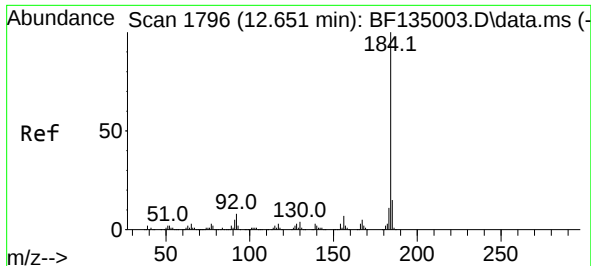
Tgt Ion:248 Resp: 12443
Ion Ratio Lower Upper
248 100
250 189.5 77.9 116.9#
141 511.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:240 Resp: 226966
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 26.0 21.3 31.9

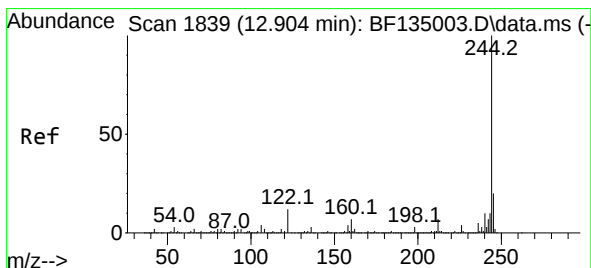
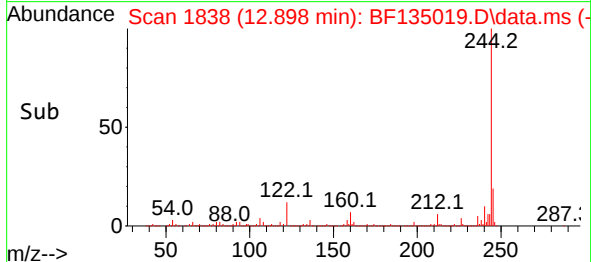
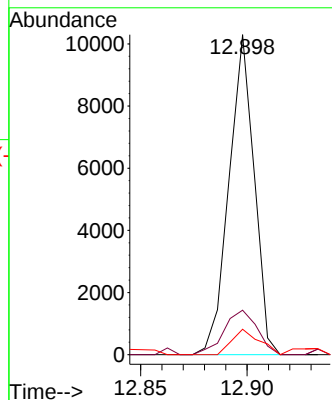
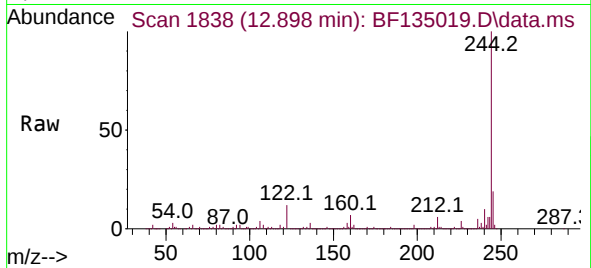




#77
Benzidine
Concen: 2.077 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

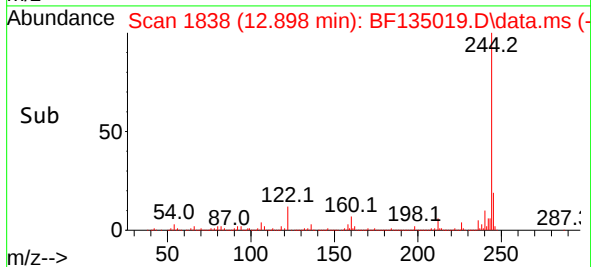
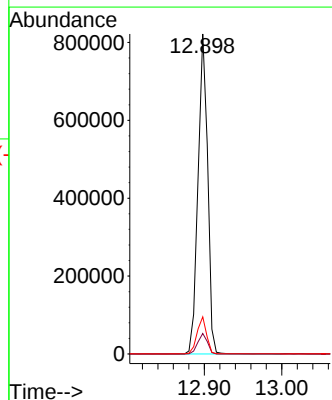
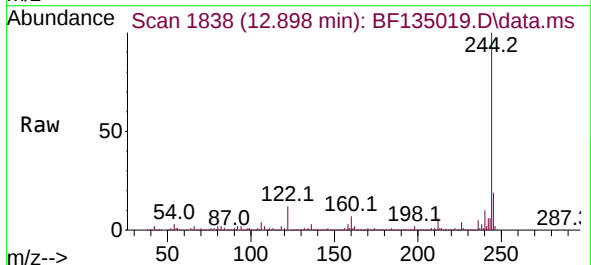
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

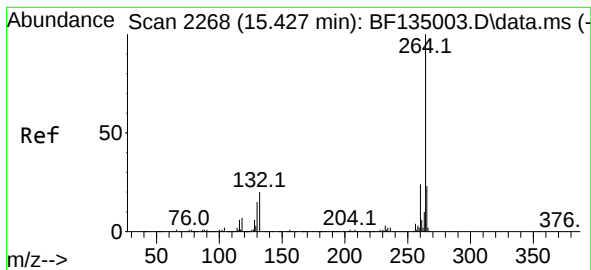
Tgt Ion:184 Resp: 8496
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 8.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 50.845 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:244 Resp: 707163
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 11.6 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135019.D
 Acq: 30 Aug 2023 23:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01

Tgt Ion:264 Resp: 281099
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.5 18.2 27.2

