

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135280.D
 Acq On : 15 Sep 2023 15:40
 Operator : CG\JU
 Sample : 04409-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6(0-6)COMP

Quant Time: Sep 15 16:11:24 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 12 00:19:07 2023
 Response via : Initial Calibration

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

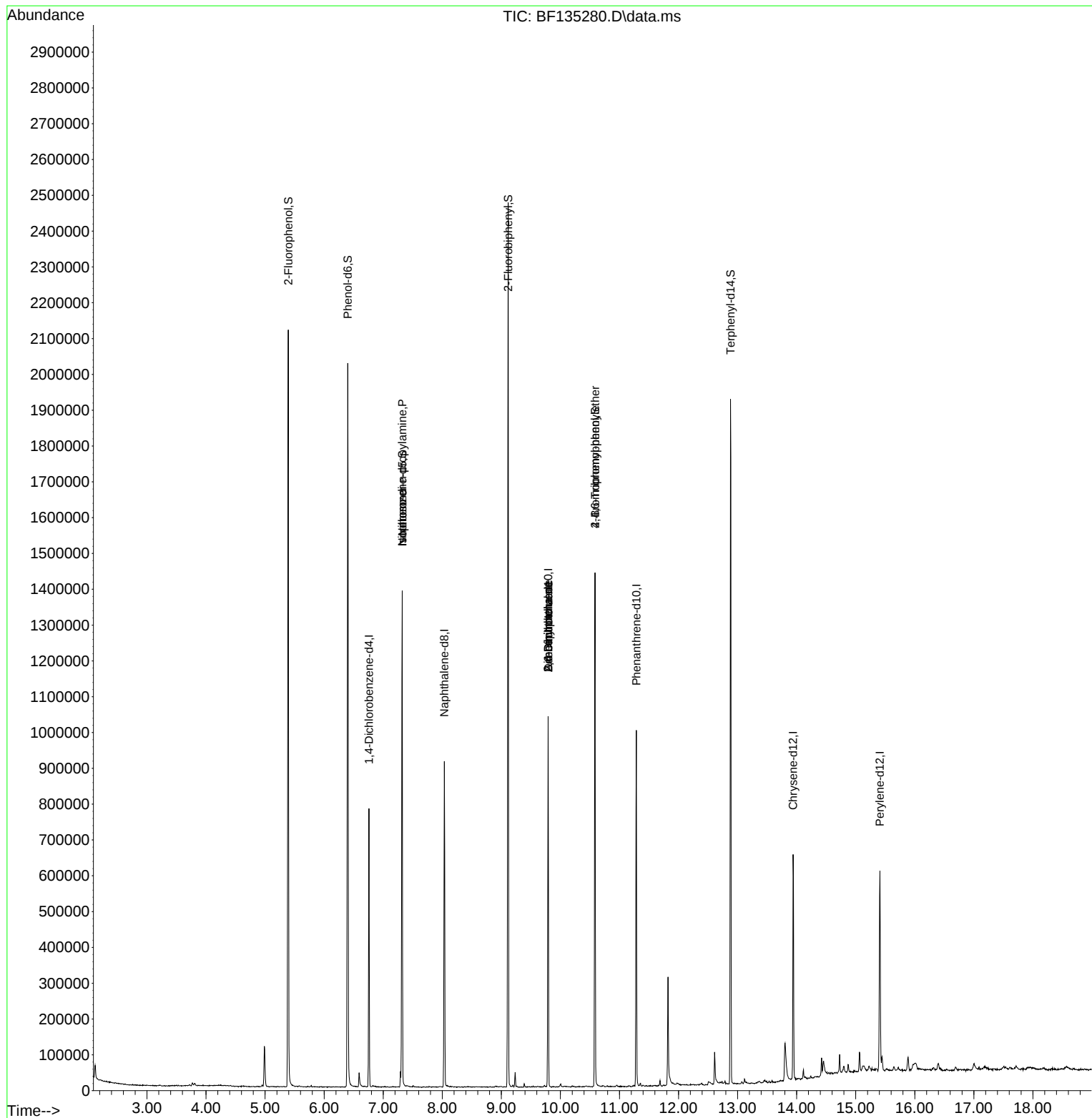
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	101143	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	387953	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	193479	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	357197	20.000	ng	0.00
76) Chrysene-d12	13.939	240	212649	20.000	ng	0.00
86) Perylene-d12	15.410	264	257291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	542757	87.279	ng	0.00
7) Phenol-d6	6.398	99	675564	85.435	ng	0.00
23) Nitrobenzene-d5	7.322	82	411928	57.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	157010	81.661	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	748243	58.347	ng	-0.01
79) Terphenyl-d14	12.880	244	683437	49.822	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	57141	11.667	ng	# 80
25) Isophorone	7.322	82	408076	31.122	ng	# 65
50) Dimethylphthalate	9.792	163	37859	2.894	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	25186	8.789	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	25186	7.020	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	9873	2.779	ng	# 1

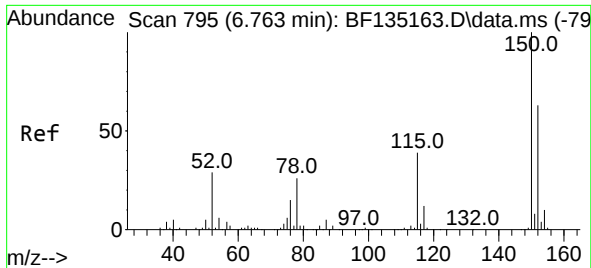
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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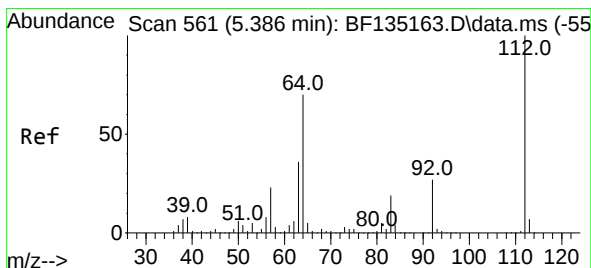
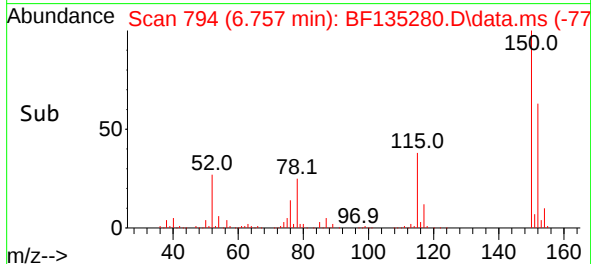
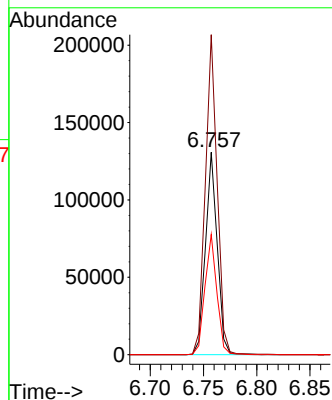
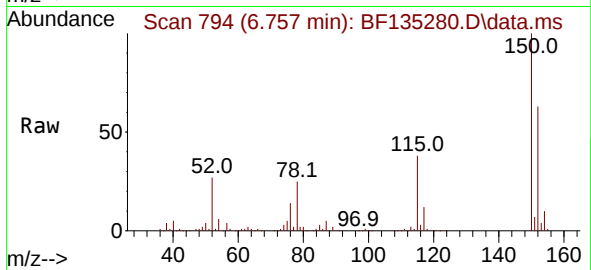




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

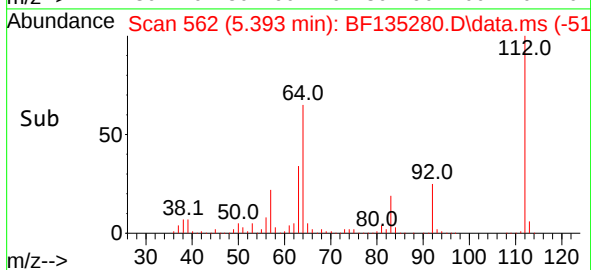
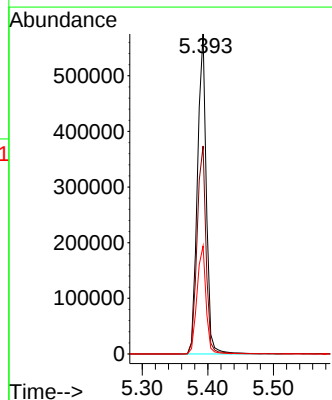
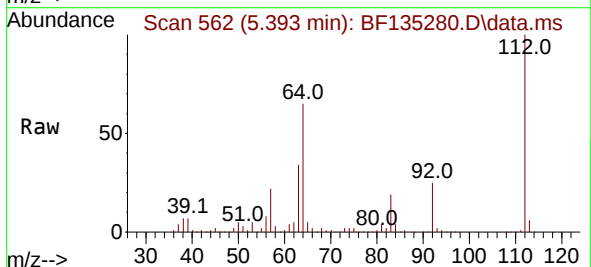
Instrument :
 BNA_F
 ClientSampleId :
 WC-6(0-6)COMP

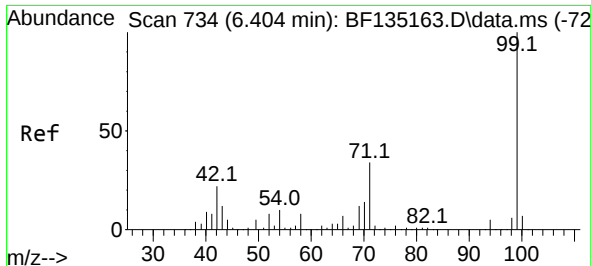
Tgt Ion:152 Resp: 101143
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.8 191.6
 115 59.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 87.279 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

Tgt Ion:112 Resp: 542757
 Ion Ratio Lower Upper
 112 100
 64 65.0 55.9 83.9
 63 33.8 29.0 43.6

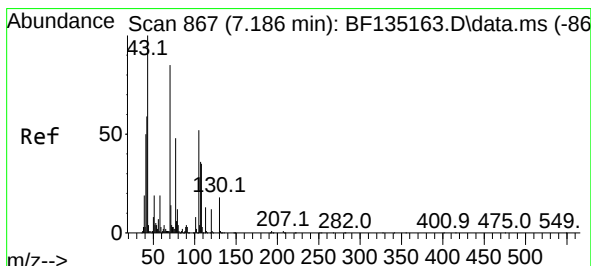
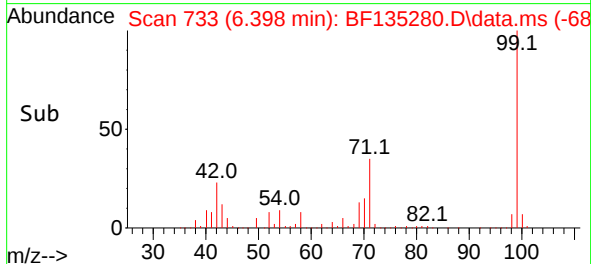
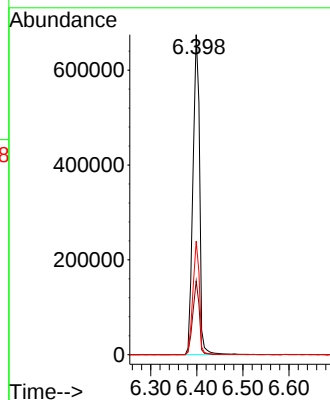
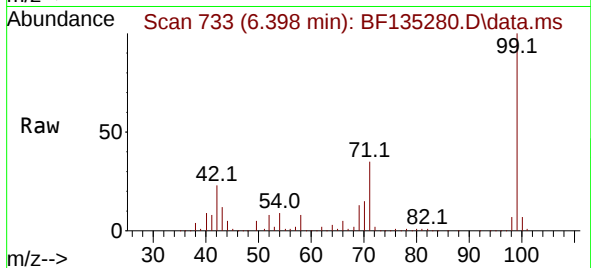




#7
Phenol-d6
Concen: 85.435 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

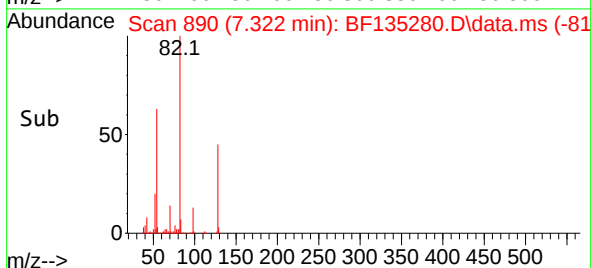
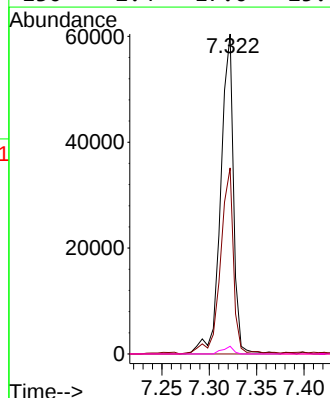
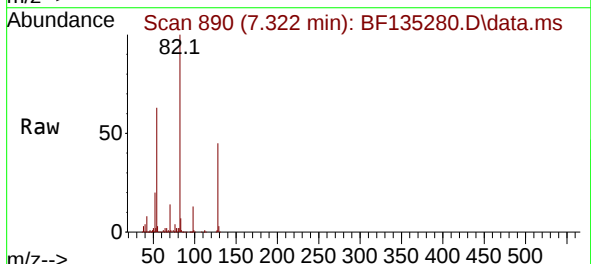
Instrument :
BNA_F
ClientSampleId :
WC-6(0-6)COMP

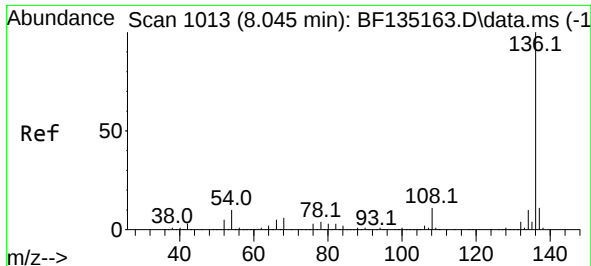
Tgt Ion: 99 Resp: 675564
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 35.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.667 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion: 70 Resp: 57141
Ion Ratio Lower Upper
70 100
42 58.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

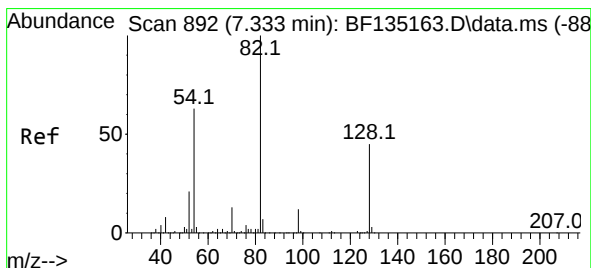
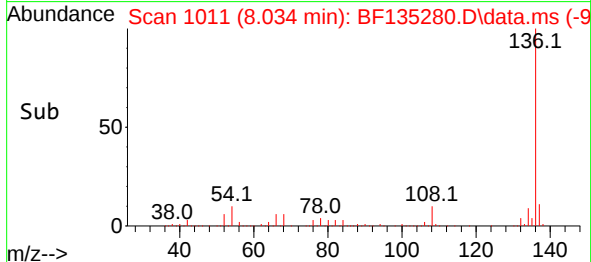
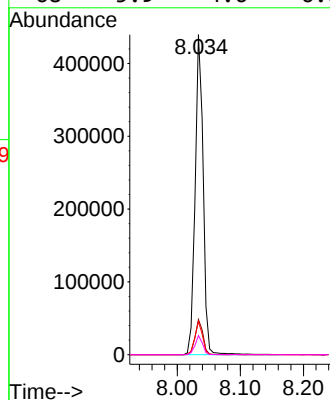
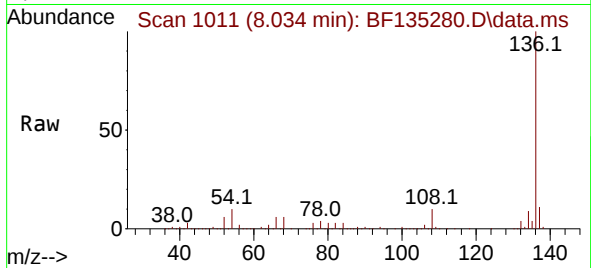




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

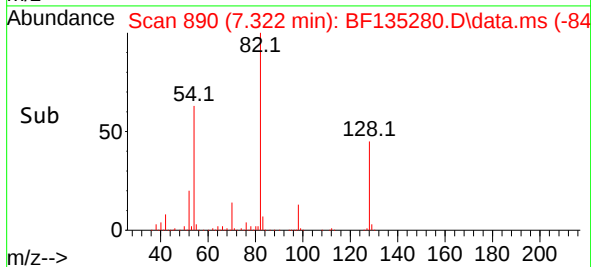
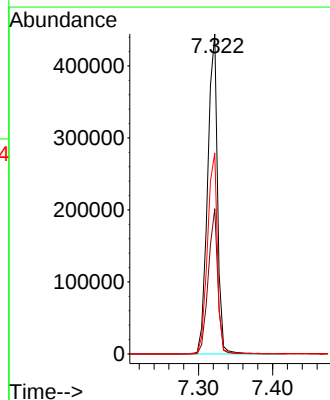
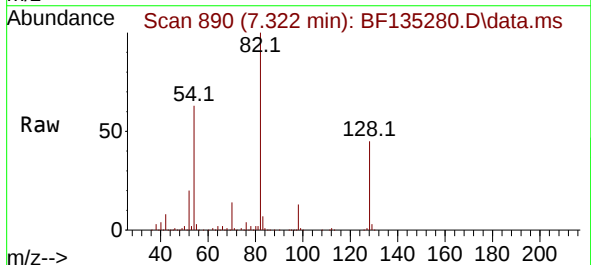
Instrument :
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ClientSampleId :
WC-6(0-6)COMP

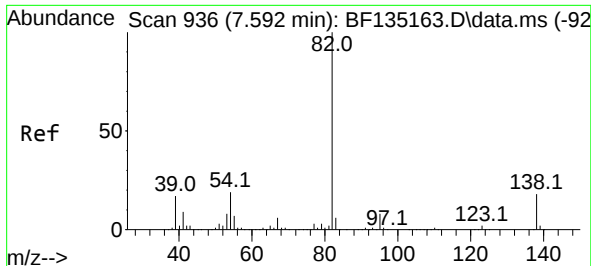
Tgt Ion:136 Resp: 387953
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 57.687 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion: 82 Resp: 411928
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.6
54 62.9 50.6 76.0

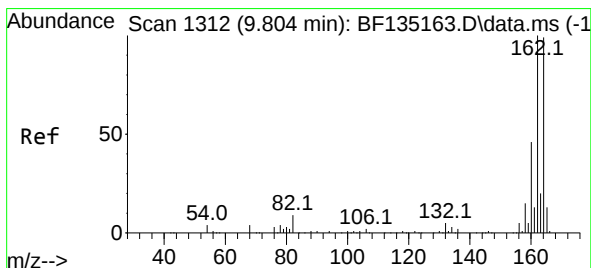
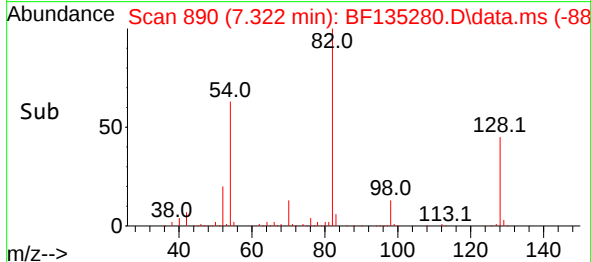
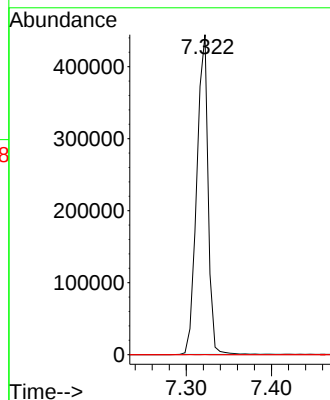
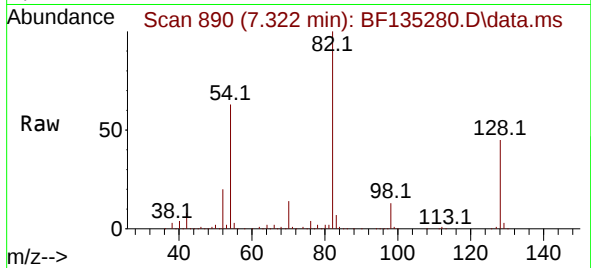




#25
Isophorone
Concen: 31.122 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

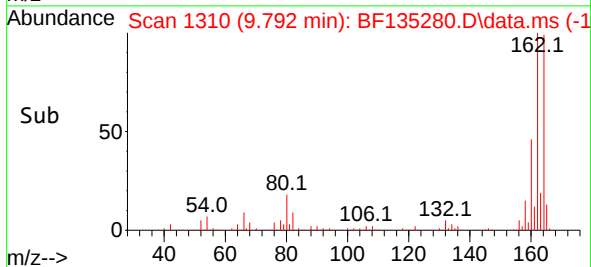
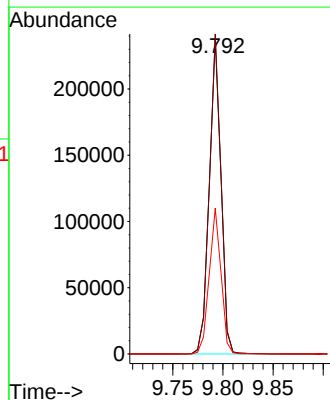
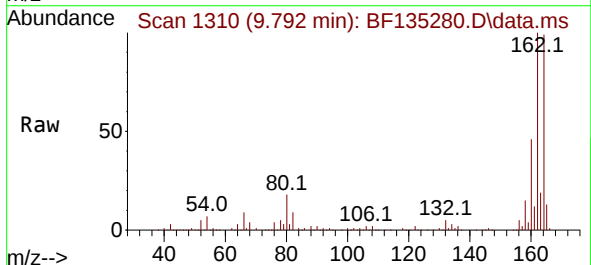
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BNA_F
ClientSampleId :
WC-6(0-6)COMP

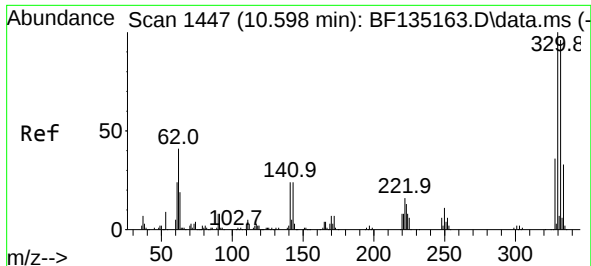
Tgt Ion: 82 Resp: 408076
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:164 Resp: 193479
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 46.2 37.0 55.4

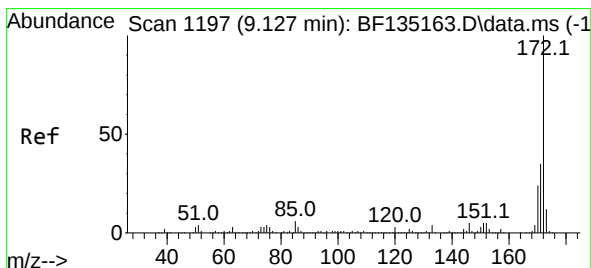
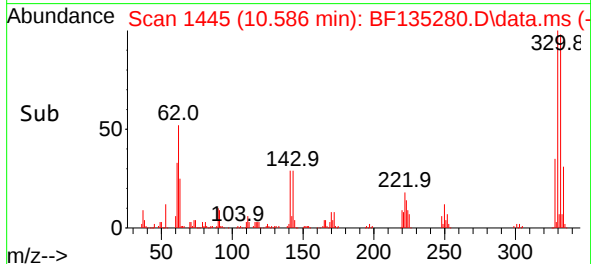
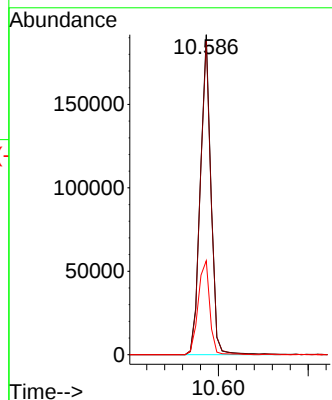
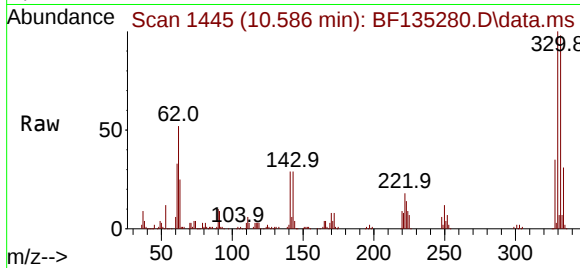




#42
2,4,6-Tribromophenol
Concen: 81.661 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

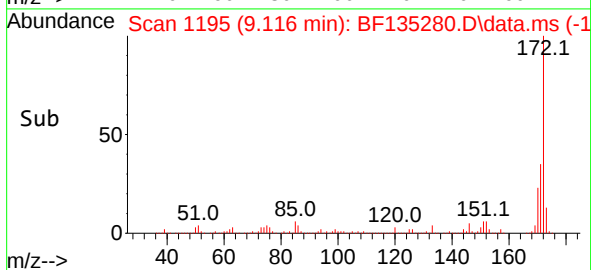
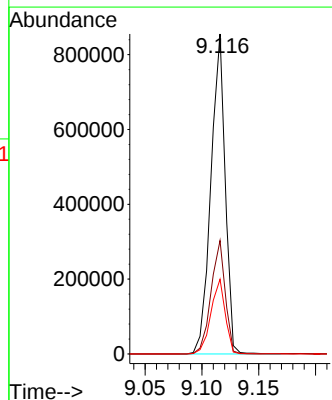
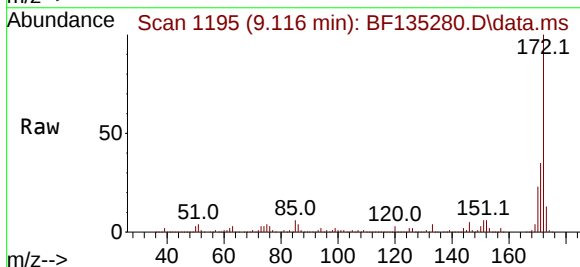
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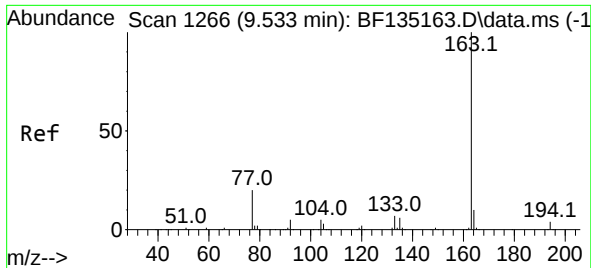
Tgt Ion:330 Resp: 157010
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 58.347 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:172 Resp: 748243
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.4

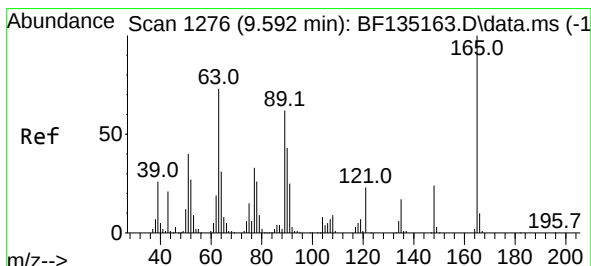
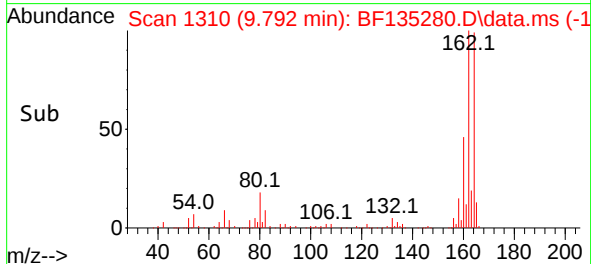
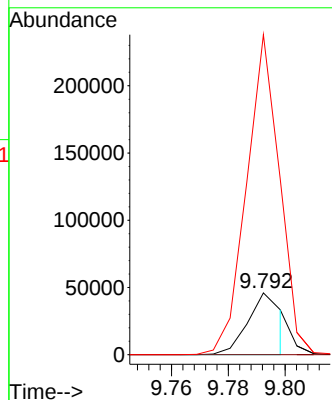
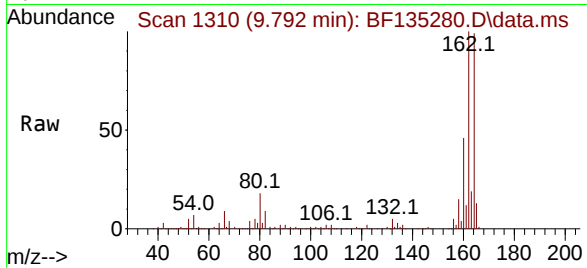




#50
Dimethylphthalate
Concen: 2.894 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

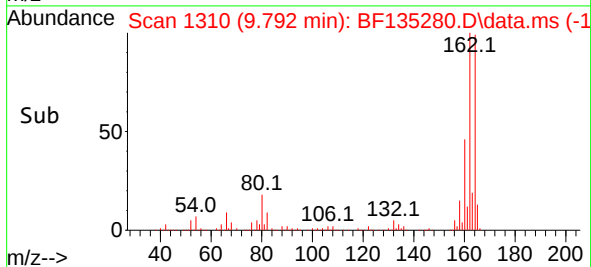
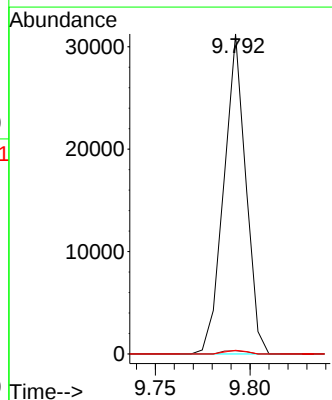
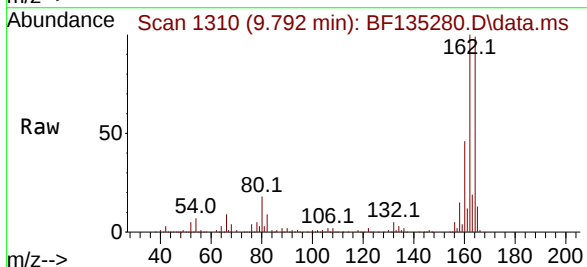
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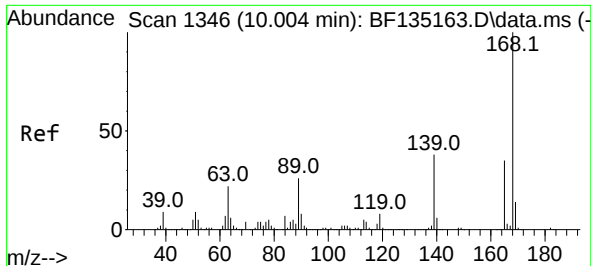
Tgt Ion:163 Resp: 37859
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 518.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:165 Resp: 25186
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#

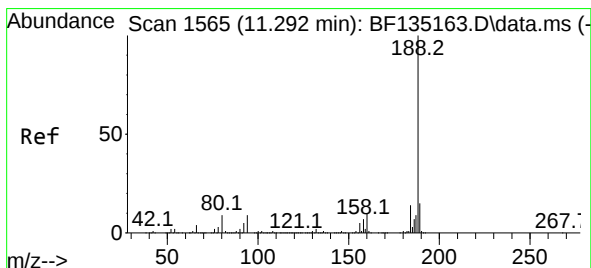
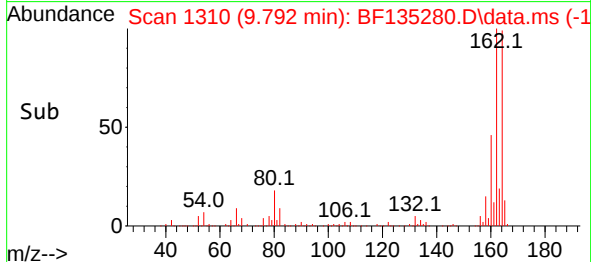
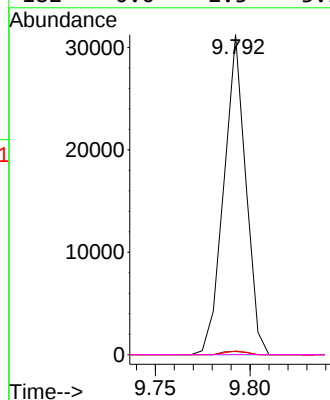
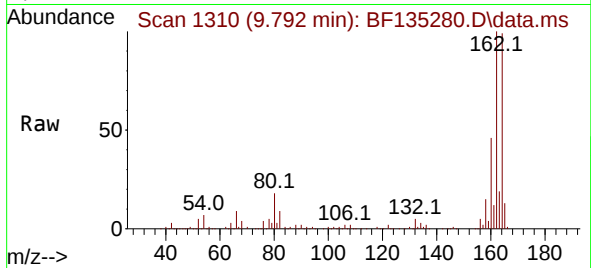




#57
2,4-Dinitrotoluene
Concen: 7.020 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

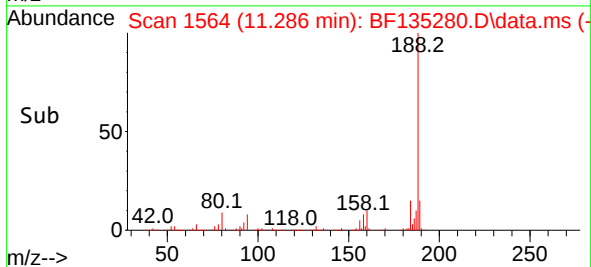
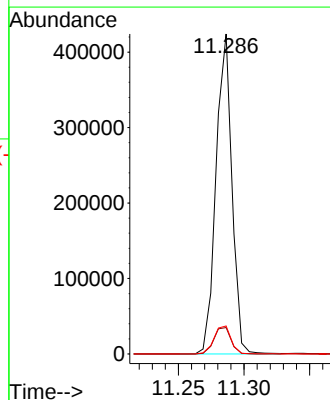
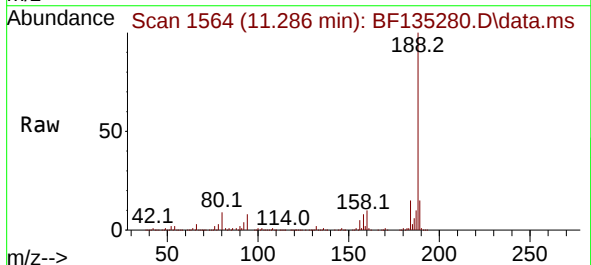
Instrument :
BNA_F
ClientSampleId :
WC-6(0-6)COMP

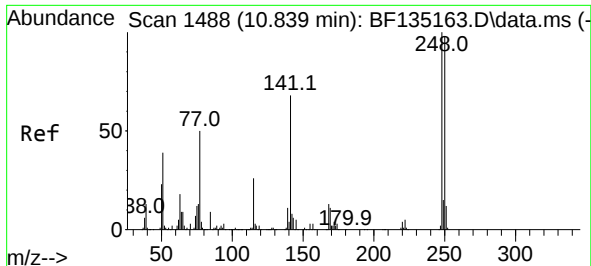
Tgt Ion:165 Resp: 25186
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

Tgt Ion:188 Resp: 357197
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.8 7.5 11.3

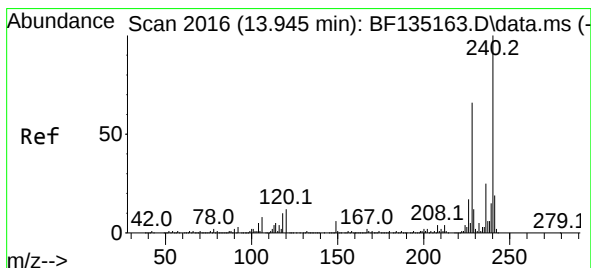
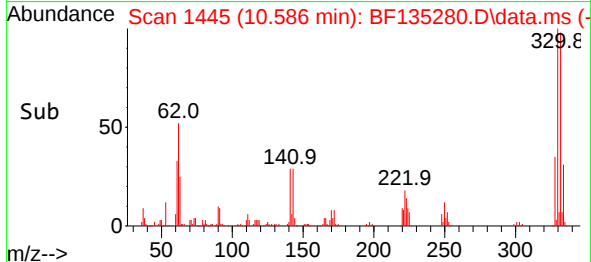
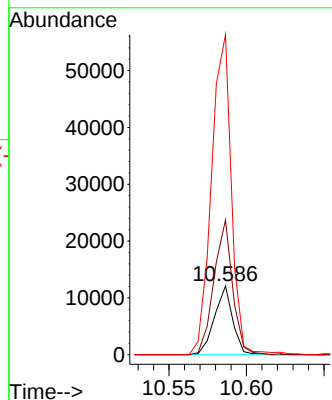
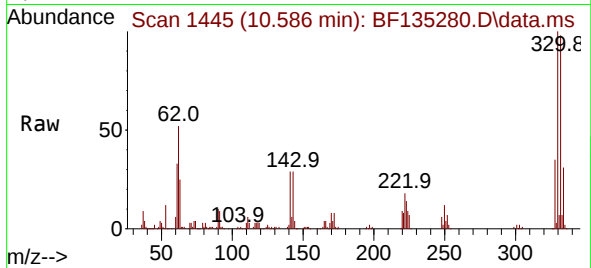




#67
4-Bromophenyl-phenylether
Concen: 2.779 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

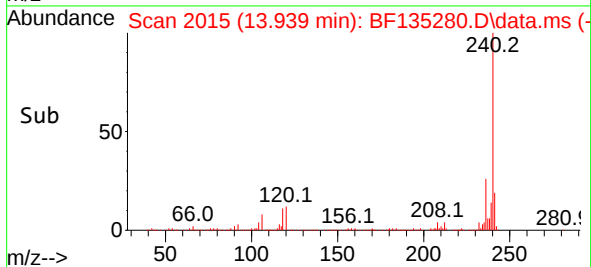
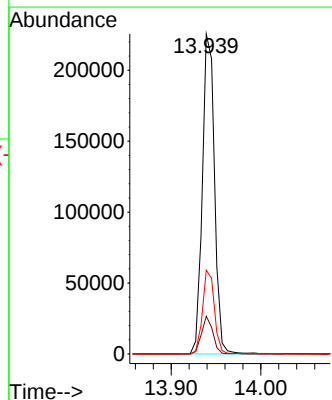
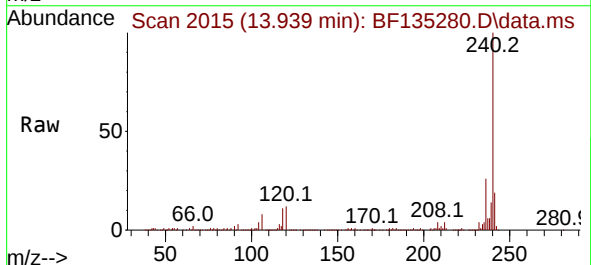
Instrument :
BNA_F
ClientSampleId :
WC-6(0-6)COMP

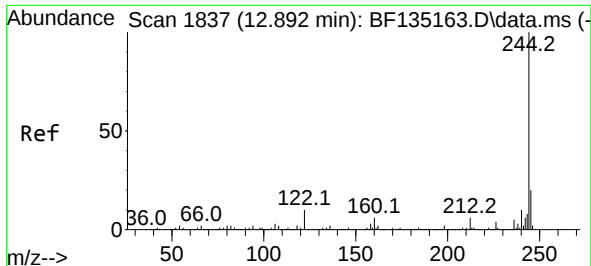
Tgt Ion:248 Resp: 9873
Ion Ratio Lower Upper
248 100
250 196.5 78.6 117.8#
141 466.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135280.D
Acq: 15 Sep 2023 15:40

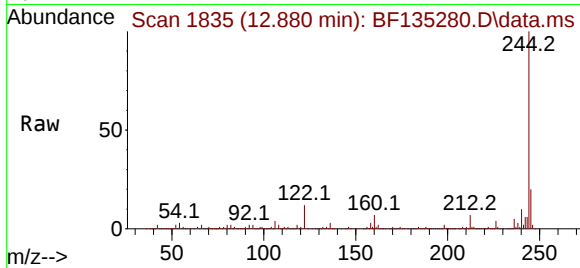
Tgt Ion:240 Resp: 212649
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.2 19.8 29.8



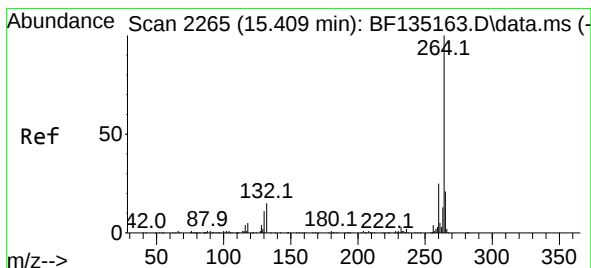
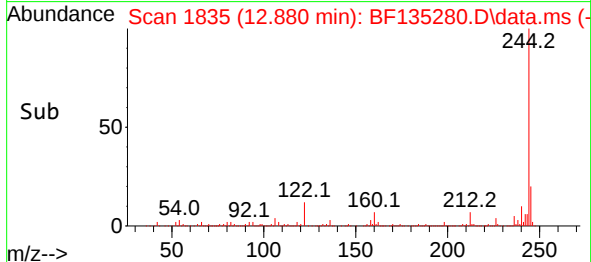
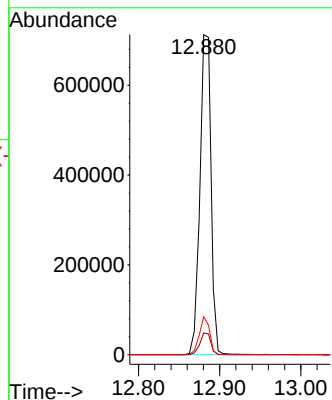


#79
 Terphenyl-d14
 Concen: 49.822 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-6(0-6)COMP



Tgt Ion:244 Resp: 683437
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135280.D
 Acq: 15 Sep 2023 15:40

Tgt Ion:264 Resp: 257291
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.6 17.0 25.4

