

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135132.D
 Acq On : 07 Sep 2023 13:51
 Operator : CG\JU
 Sample : 04256-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Sep 07 14:16:01 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)

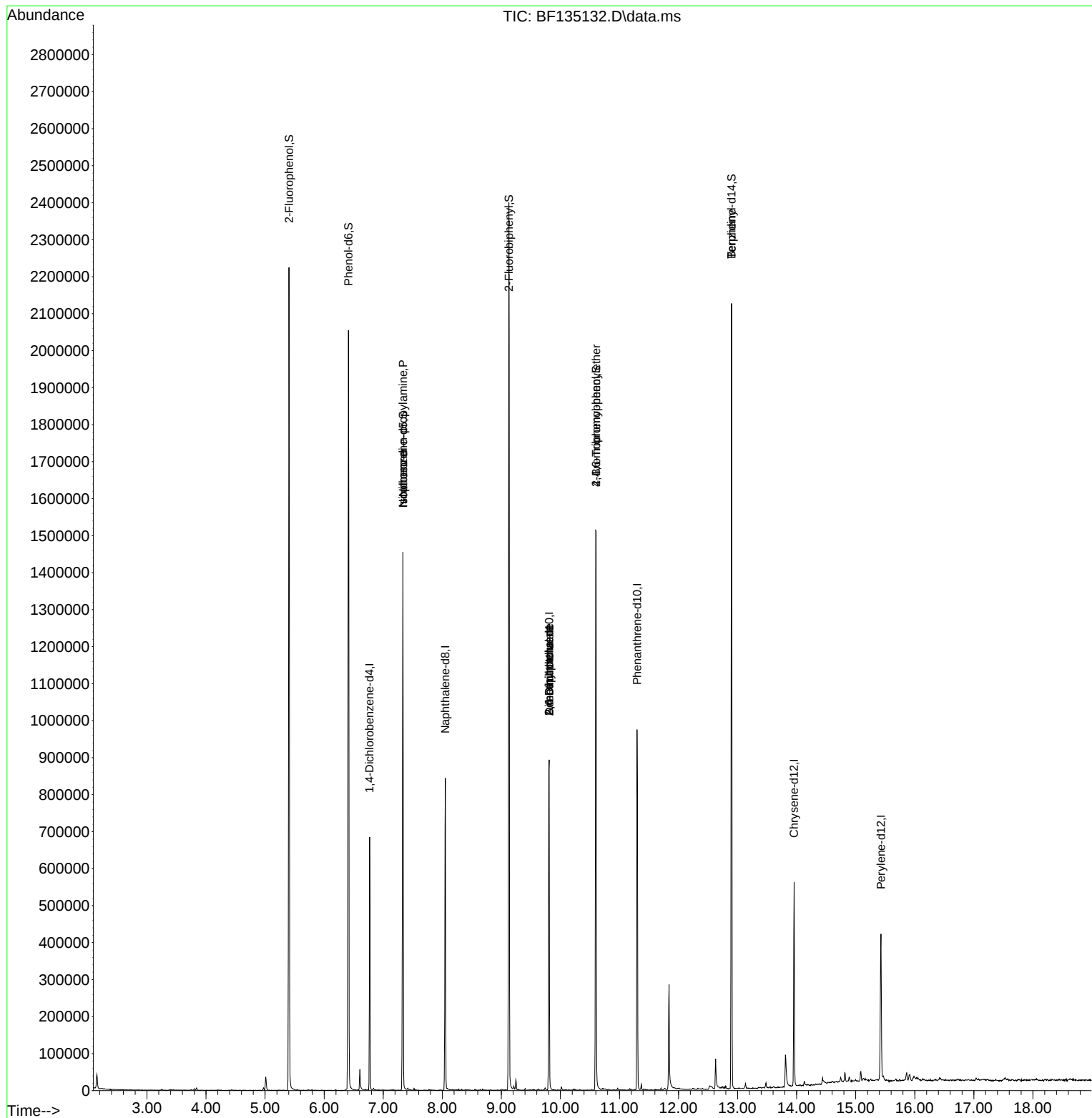
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89708	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	370600	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	191765	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	345559	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	177302	20.000	ng	0.00
86) Perylene-d12	15.427	264	187110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	581112	100.057	ng	0.00
7) Phenol-d6	6.410	99	706639	97.615	ng	0.00
23) Nitrobenzene-d5	7.334	82	448203	67.945	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	197604	97.140	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	762948	64.775	ng	-0.01
79) Terphenyl-d14	12.898	244	701857	64.599	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	59621	13.866	ng	# 77
25) Isophorone	7.334	82	448195	35.836	ng	# 65
50) Dimethylphthalate	9.810	163	38509	2.868	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24792	8.414	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24792	6.752	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	12612	3.441	ng	# 1
77) Benzidine	12.898	184	9086	2.843	ng	# 94

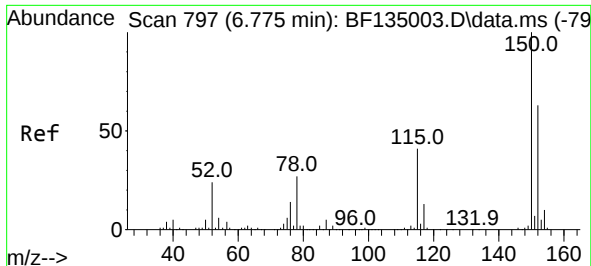
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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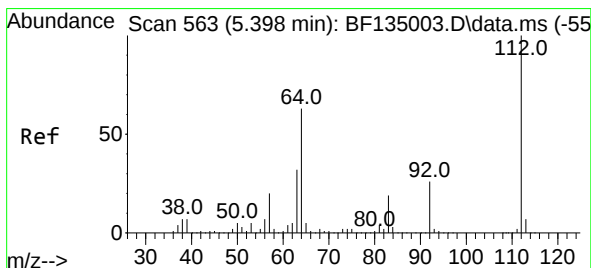
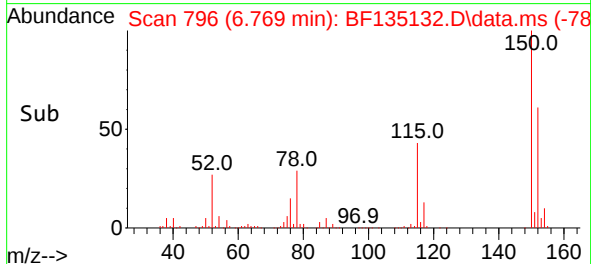
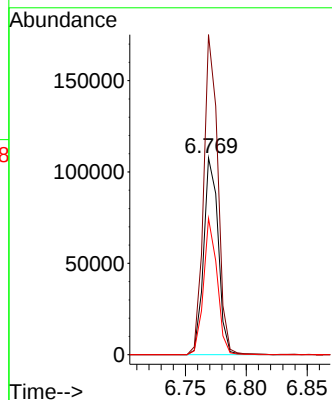
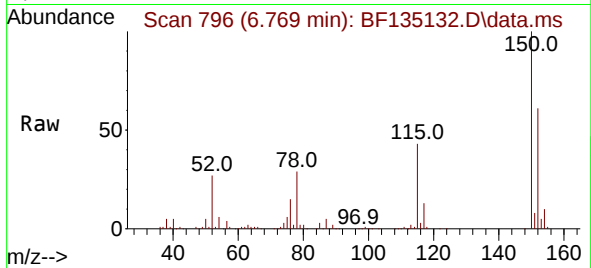




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

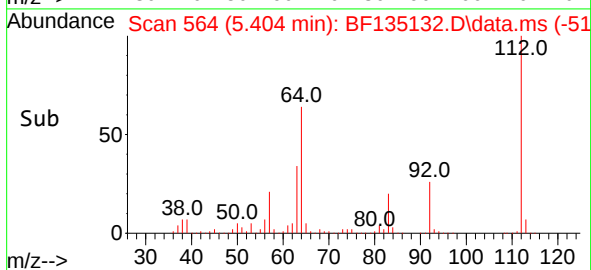
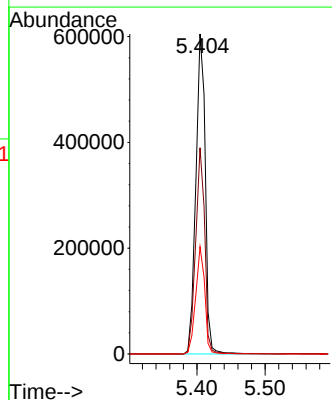
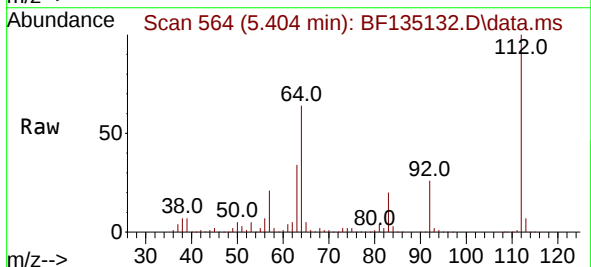
Instrument :
BNA_F
ClientSampleId :
MW-3

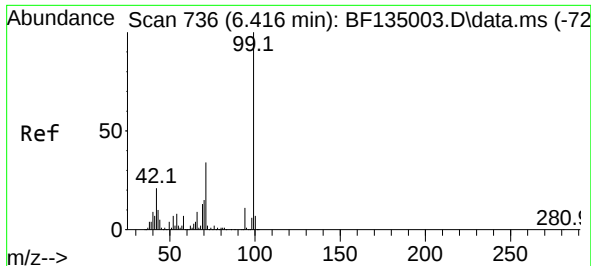
Tgt Ion:152 Resp: 89708
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.4
115 69.3 51.2 76.8



#5
2-Fluorophenol
Concen: 100.057 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:112 Resp: 581112
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.5 25.9 38.9

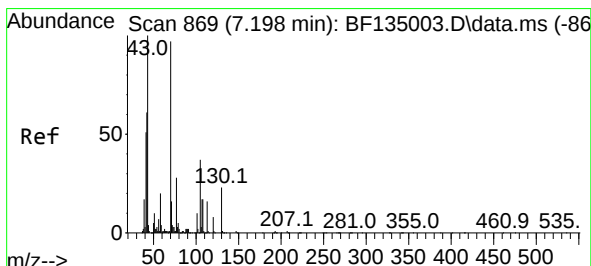
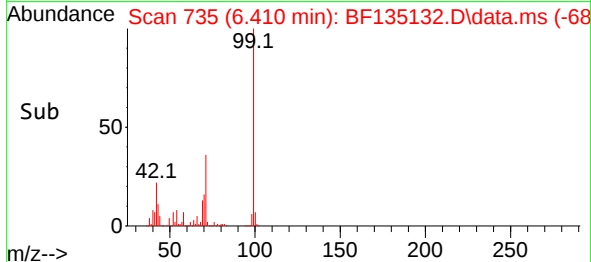
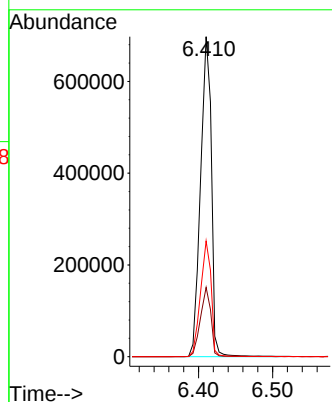
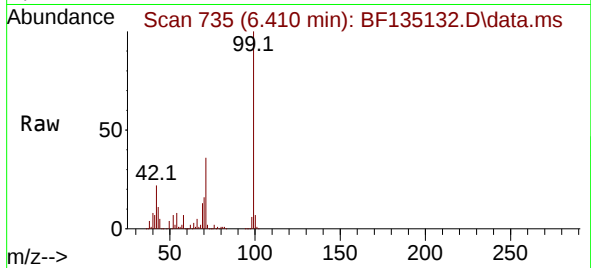




#7
Phenol-d6
Concen: 97.615 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

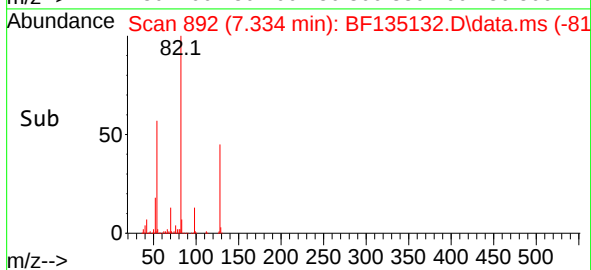
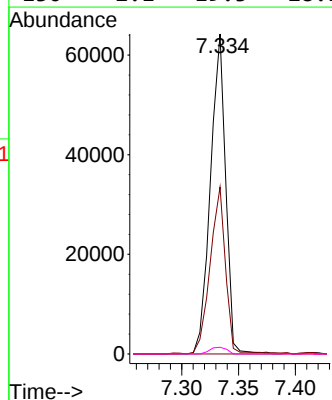
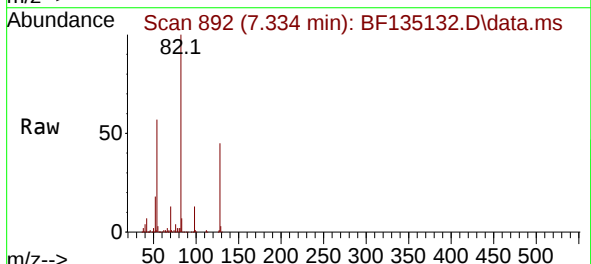
Instrument :
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ClientSampleId :
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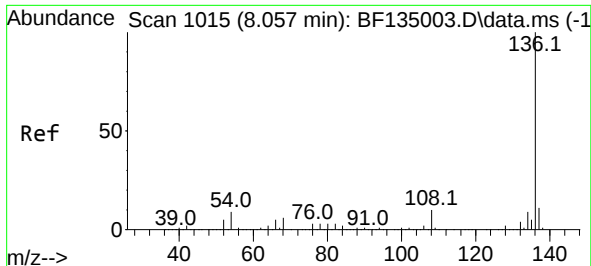
Tgt Ion: 99 Resp: 706639
Ion Ratio Lower Upper
99 100
42 21.7 16.6 25.0
71 36.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.866 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion: 70 Resp: 59621
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

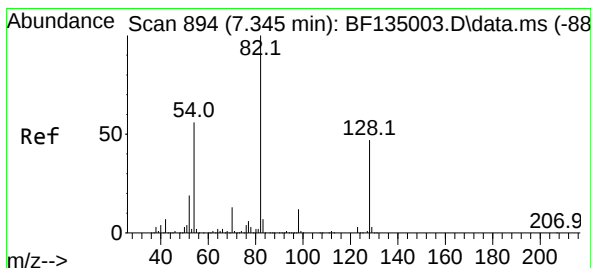
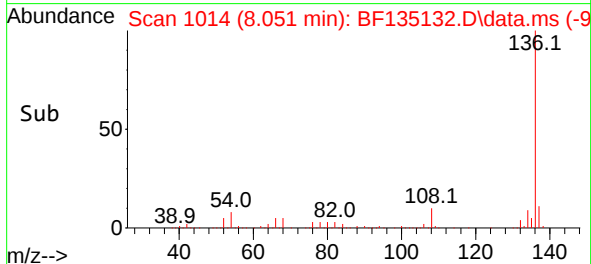
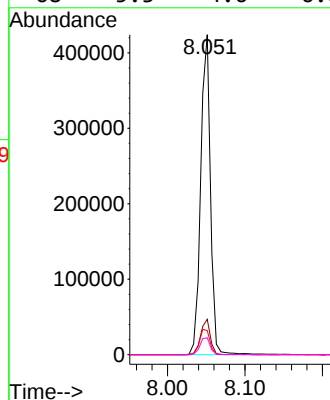
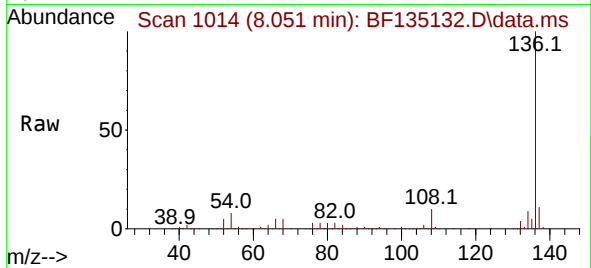




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

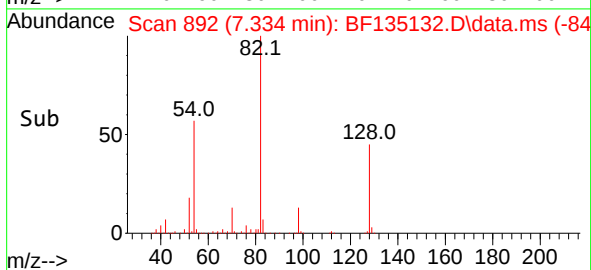
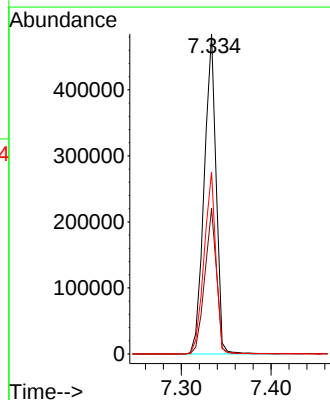
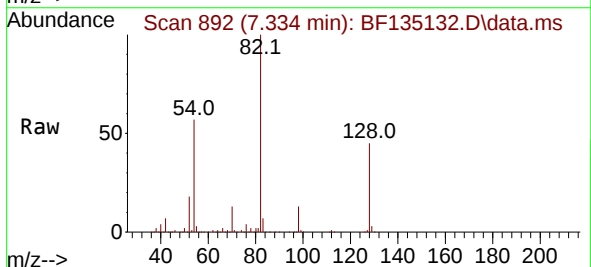
Instrument :
BNA_F
ClientSampleId :
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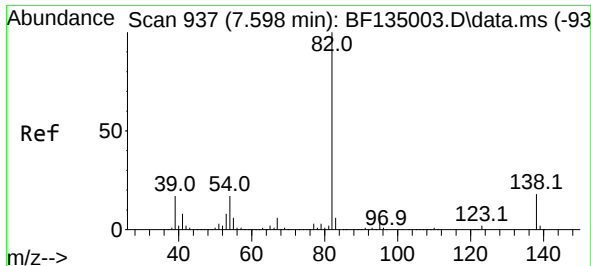
Tgt Ion:136 Resp: 370600
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.0 10.4
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 67.945 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion: 82 Resp: 448203
Ion Ratio Lower Upper
82 100
128 45.5 37.8 56.8
54 56.9 45.0 67.6

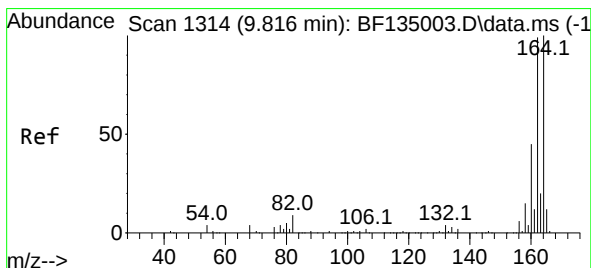
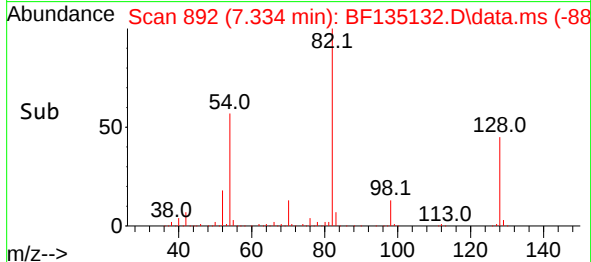
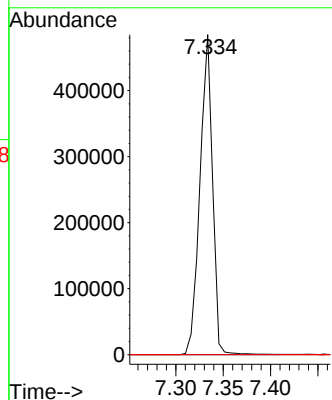
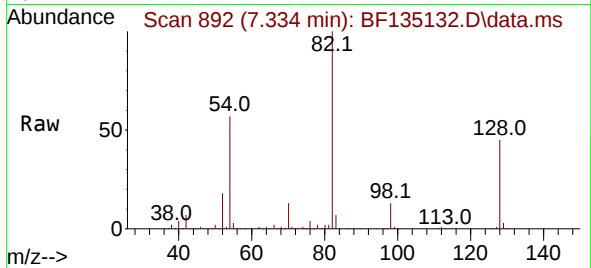




#25
Isophorone
Concen: 35.836 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

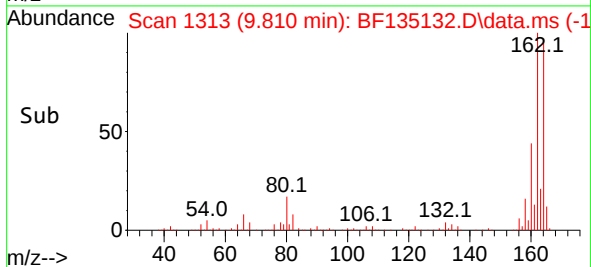
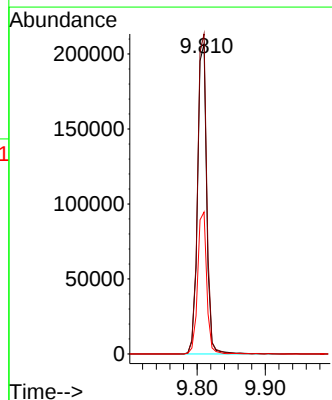
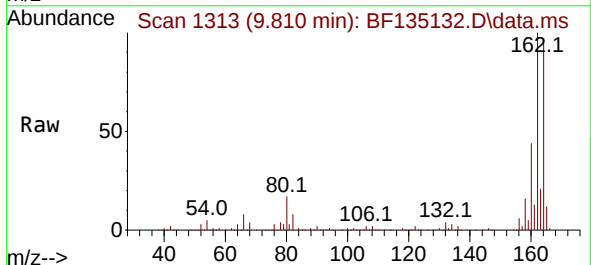
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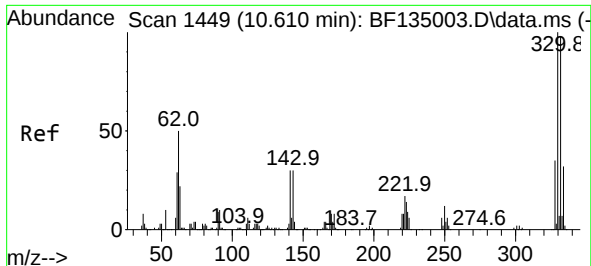
Tgt Ion: 82 Resp: 448195
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion: 164 Resp: 191765
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.7 36.0 54.0

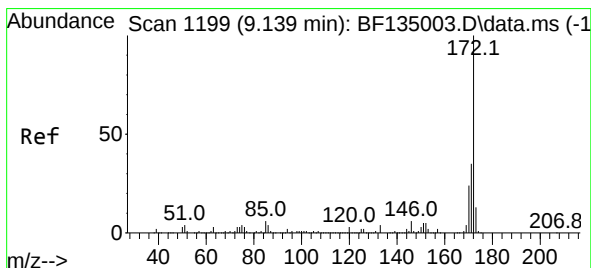
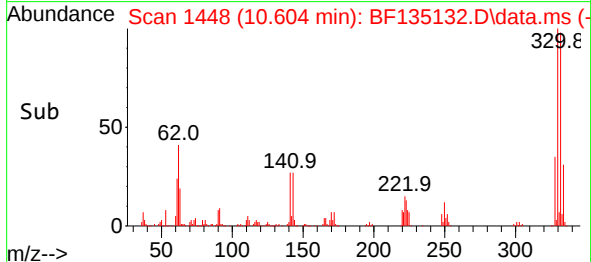
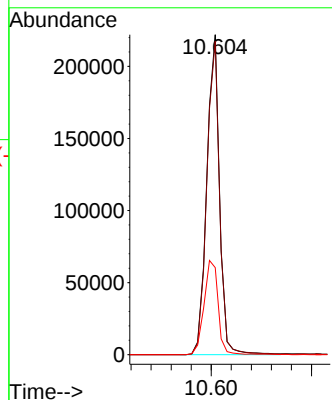
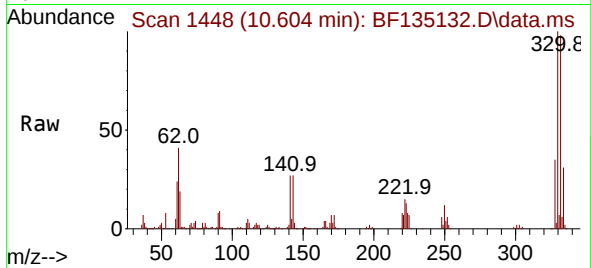




#42
2,4,6-Tribromophenol
Concen: 97.140 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

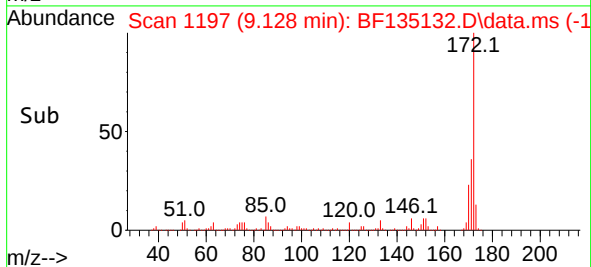
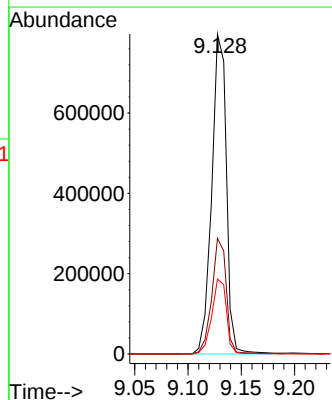
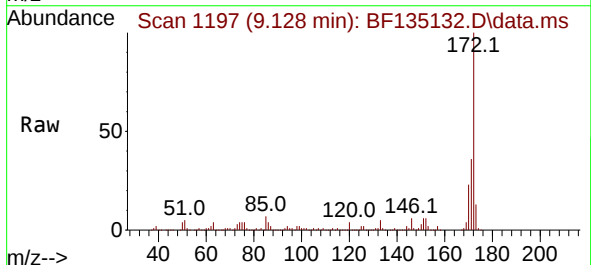
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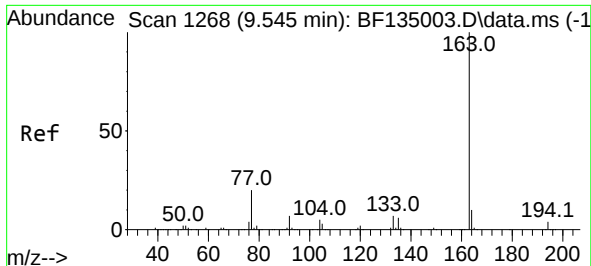
Tgt Ion:330 Resp: 197604
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 32.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 64.775 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:172 Resp: 762948
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.4 19.0 28.4

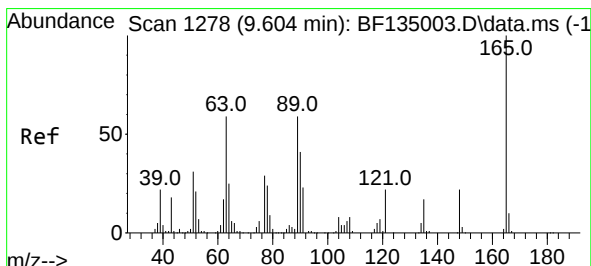
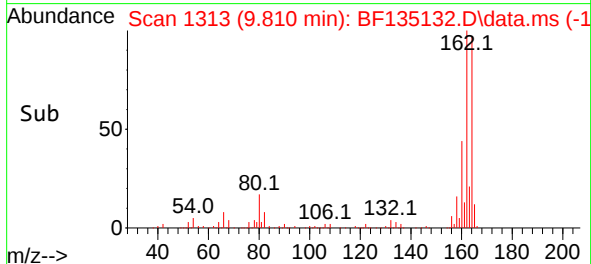
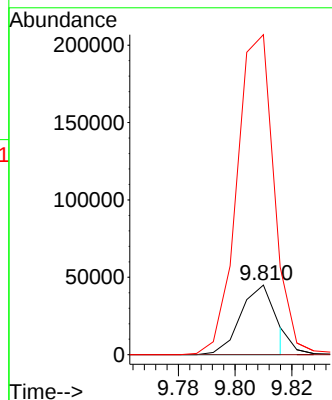
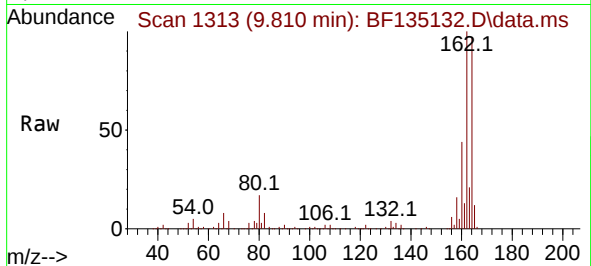




#50
Dimethylphthalate
Concen: 2.868 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

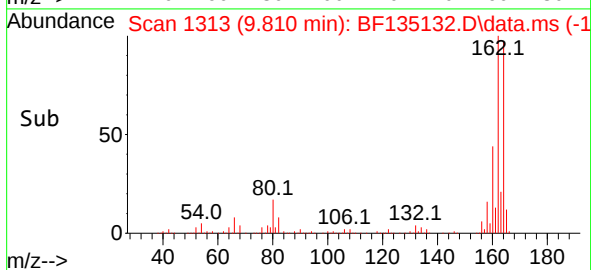
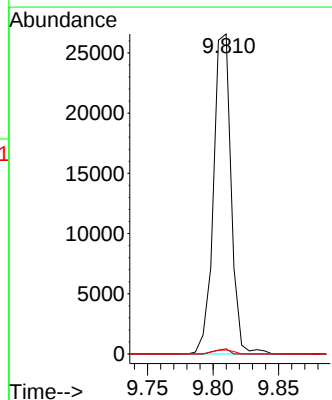
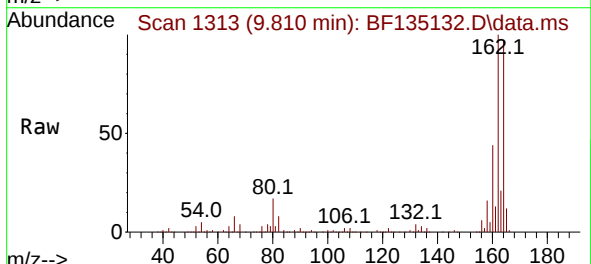
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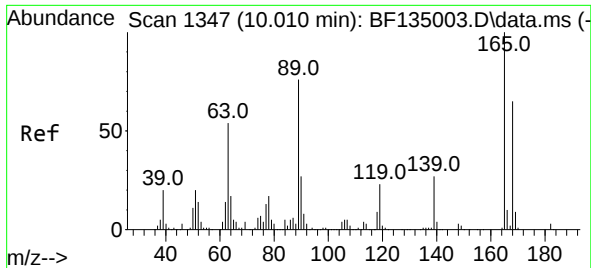
Tgt Ion:163 Resp: 38509
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 459.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:165 Resp: 24792
Ion Ratio Lower Upper
165 100
63 1.6 50.4 75.6#
89 1.3 47.1 70.7#

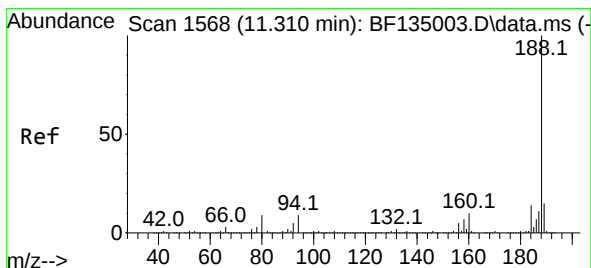
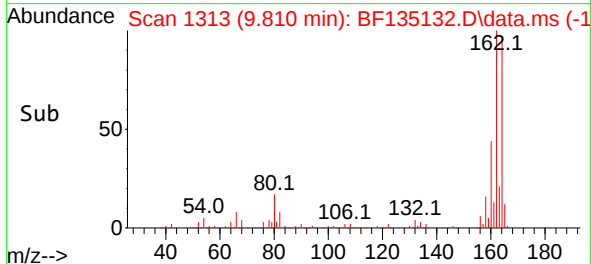
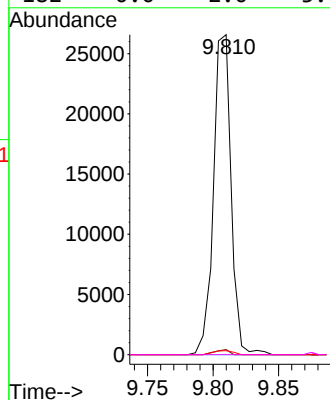
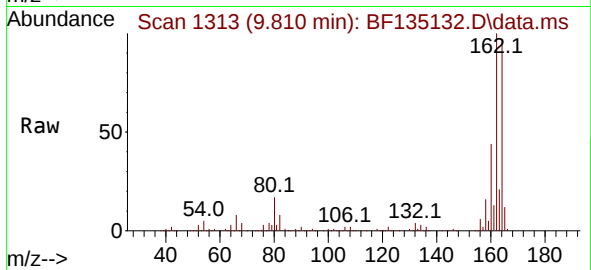




#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

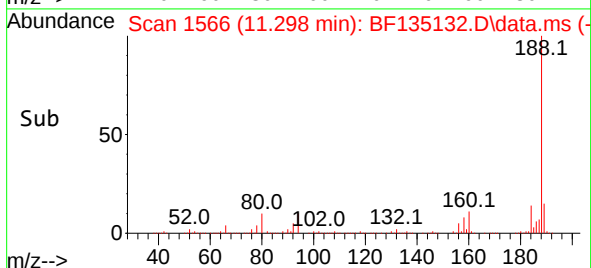
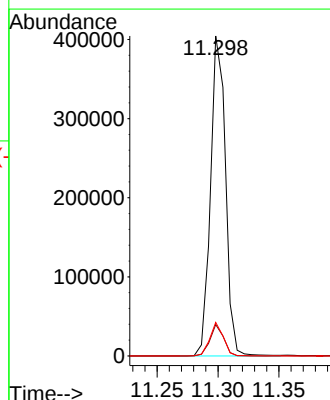
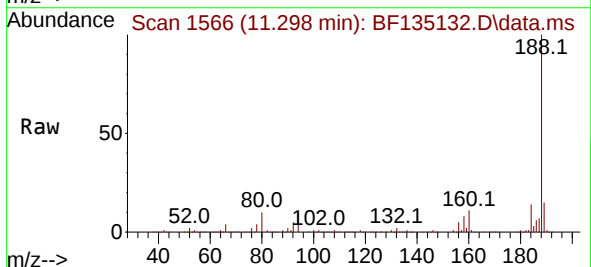
Instrument :
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ClientSampleId :
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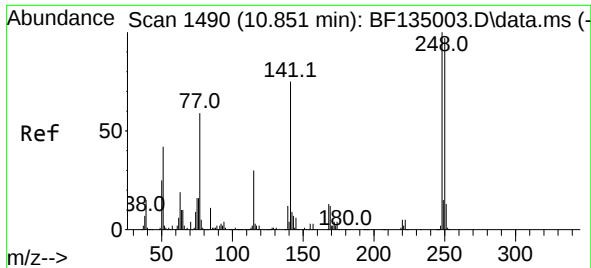
Tgt Ion:165 Resp: 24792
Ion Ratio Lower Upper
165 100
63 1.6 43.2 64.8#
89 1.3 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:188 Resp: 345559
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.5 7.4 11.2

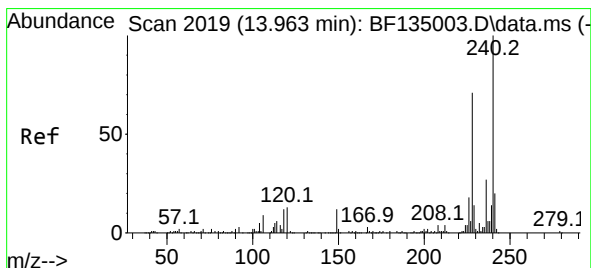
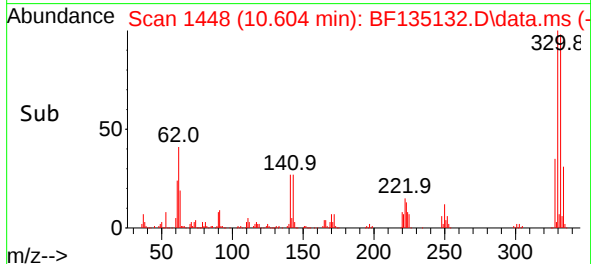
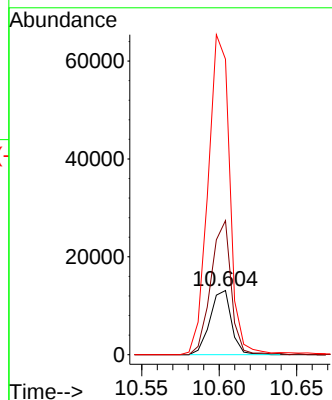
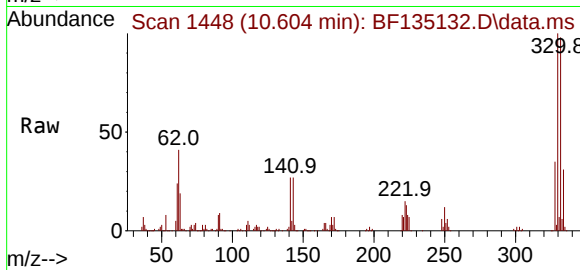




#67
4-Bromophenyl-phenylether
Concen: 3.441 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

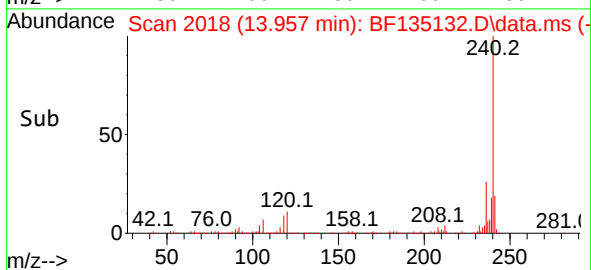
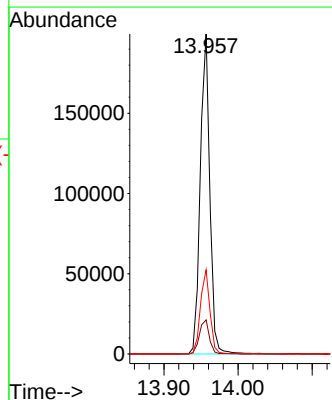
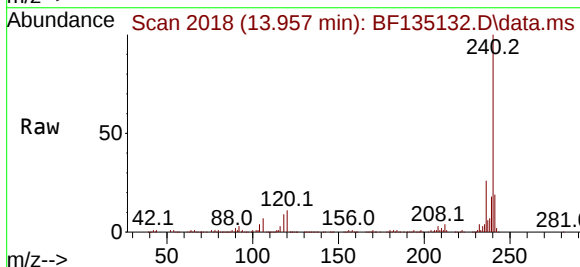
Instrument :
BNA_F
ClientSampleId :
MW-3

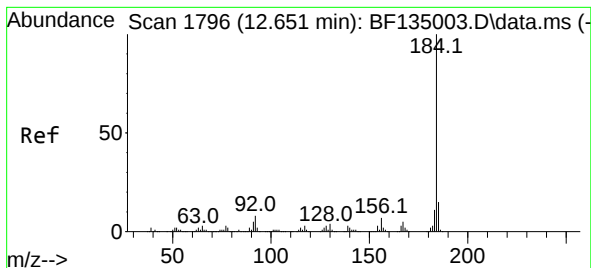
Tgt Ion:248 Resp: 12612
Ion Ratio Lower Upper
248 100
250 209.1 77.9 116.9#
141 460.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135132.D
Acq: 07 Sep 2023 13:51

Tgt Ion:240 Resp: 177302
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.2
236 26.3 21.3 31.9





#77

Benzidine

Concen: 2.843 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135132.D

Acq: 07 Sep 2023 13:51

Instrument :

BNA_F

ClientSampleId :

MW-3

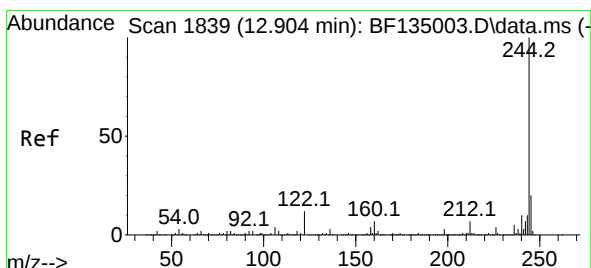
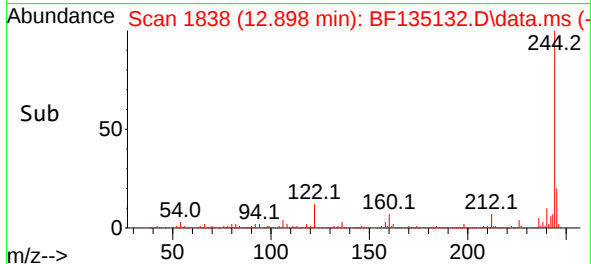
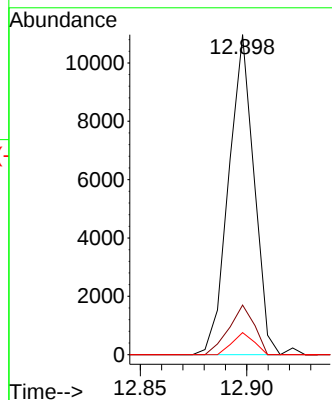
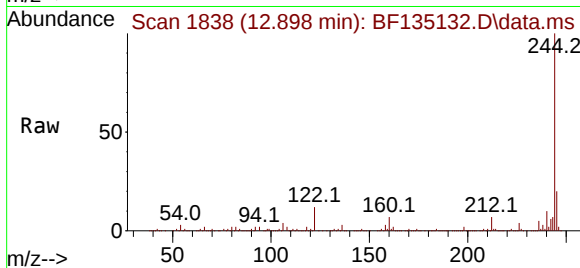
Tgt Ion:184 Resp: 9086

Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 6.9 9.0 13.6#



#79

Terphenyl-d14

Concen: 64.599 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135132.D

Acq: 07 Sep 2023 13:51

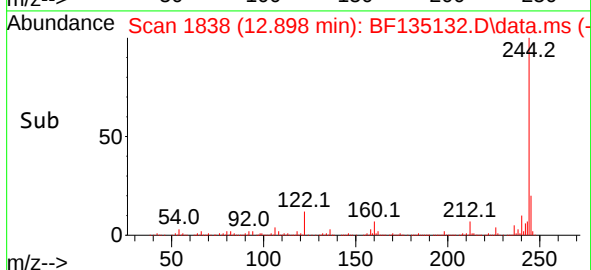
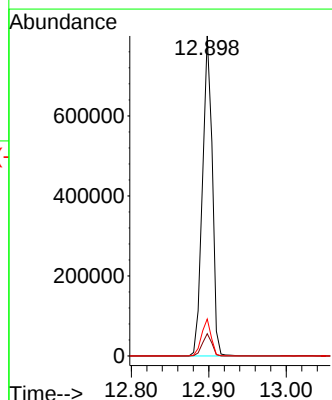
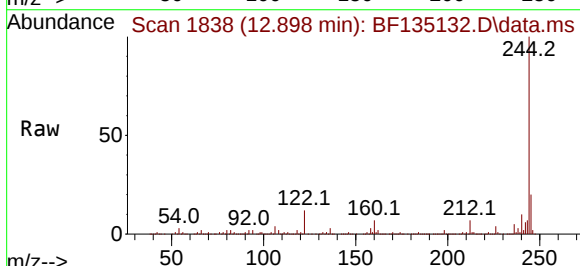
Tgt Ion:244 Resp: 701857

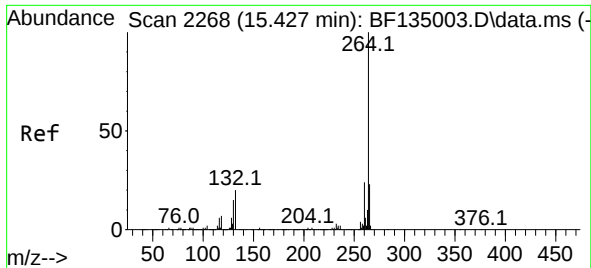
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.5 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: BF135132.D
Acq: 07 Sep 2023 13:51

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:264 Resp: 187110
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.7 18.2 27.2

