

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130095.D
 Acq On : 02 Sep 2022 00:36
 Operator : CG\JU
 Sample : N4438-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-MH-01-0-20

Quant Time: Sep 02 04:07:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

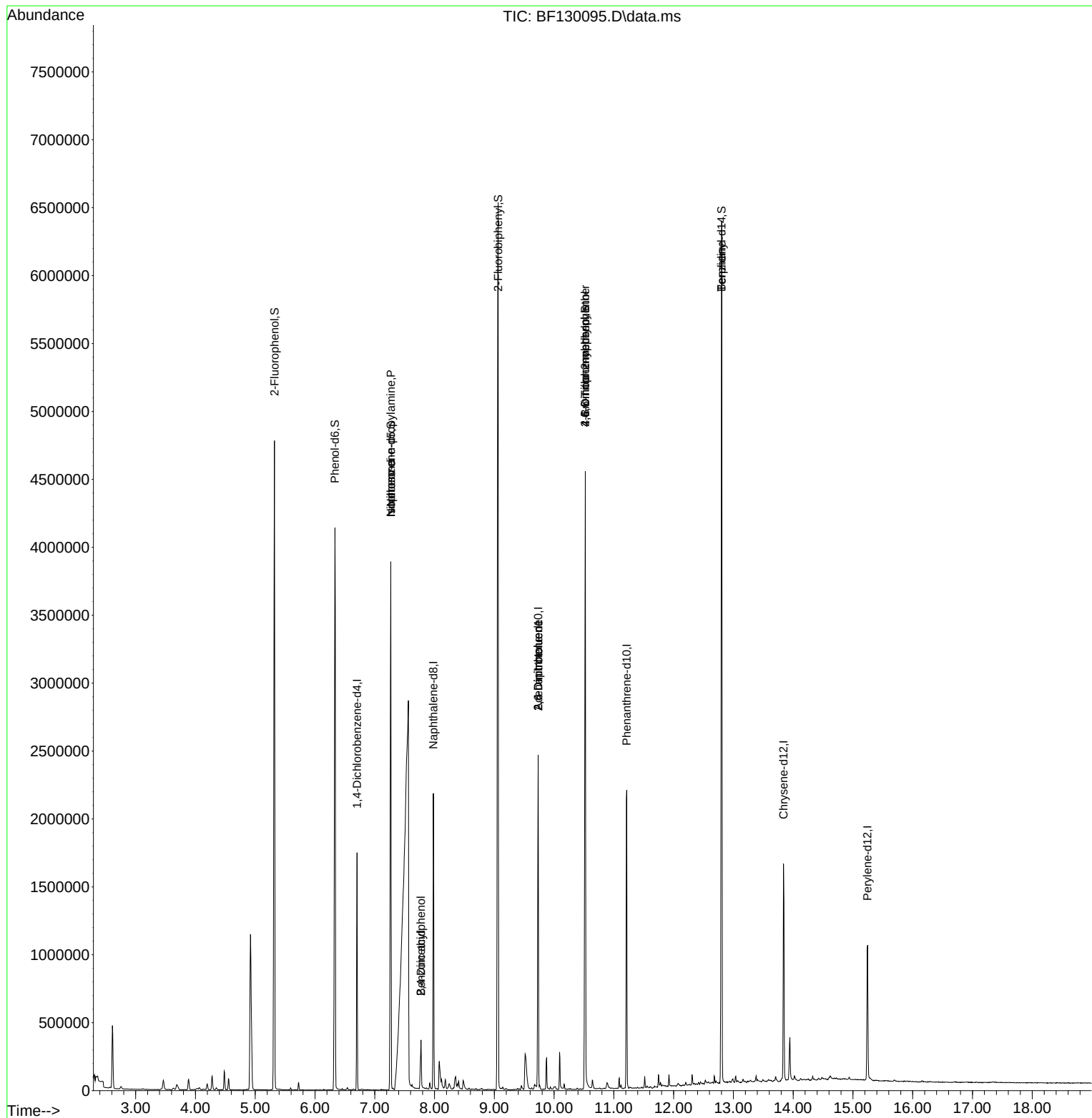
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	240676	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	963598	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	512899	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	815845	20.000	ng	0.00
76) Chrysene-d12	13.839	240	514855	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	435625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1608134	113.433	ng	0.01
7) Phenol-d6	6.334	99	1823231	103.155	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1315049	87.706	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	588561	126.062	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2401289	77.622	ng	0.00
79) Terphenyl-d14	12.804	244	2323273	78.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	167728	15.752	ng	# 73
25) Isophorone	7.269	82	1310982	43.199	ng	# 65
27) 2,4-Dimethylphenol	7.775	122	79326	6.230	ng	# 4
32) Benzoic acid	7.775	122	79326	13.157	ng	# 97
51) 2,6-Dinitrotoluene	9.733	165	65405	9.603	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	65405	8.341	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	1381	6.394	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	34578	3.810	ng	# 1
77) Benzidine	12.804	184	31995	2.302	ng	# 90

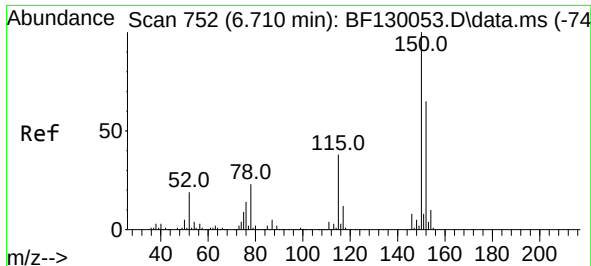
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KTS2-WC-S-MH-01-0-20

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Response via : Initial Calibration

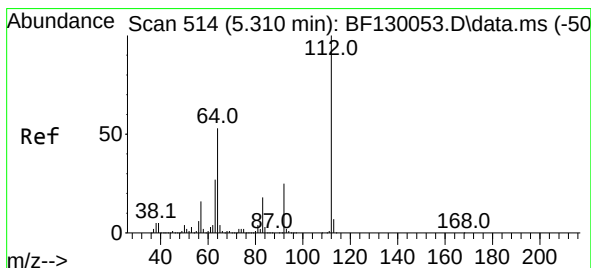
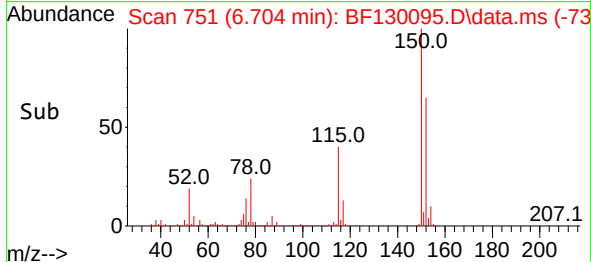
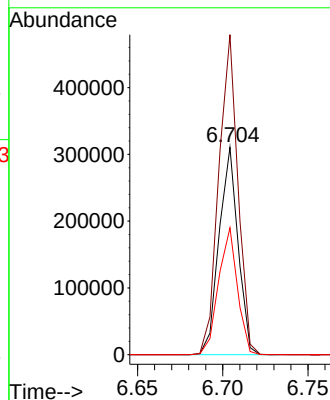
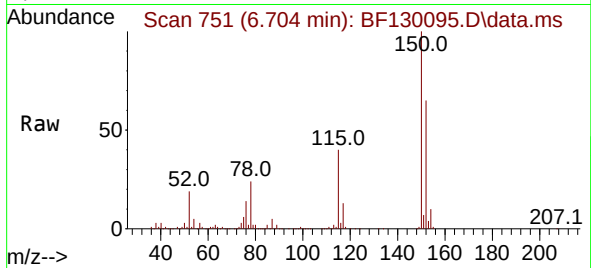




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130095.D
 Acq: 02 Sep 2022 00:36

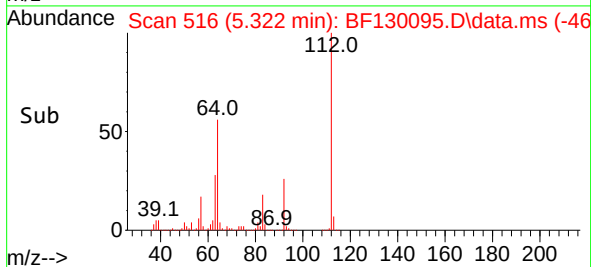
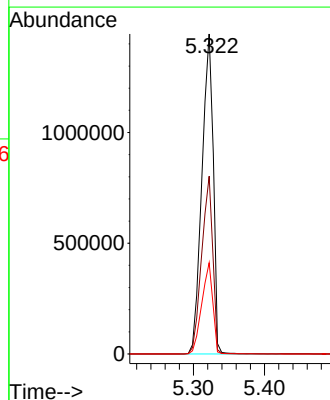
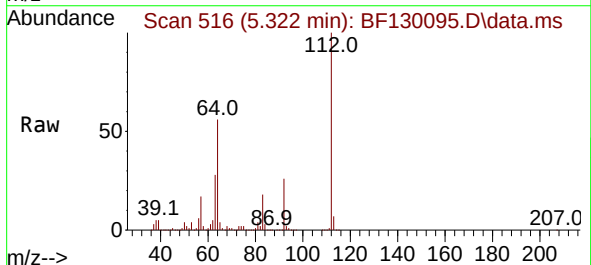
Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-MH-01-0-20

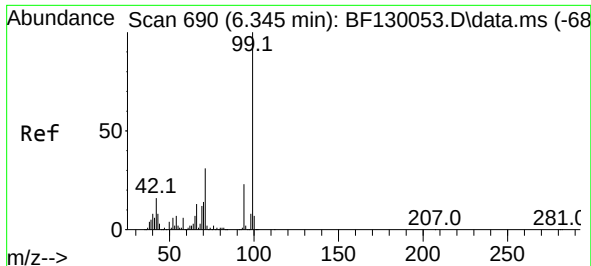
Tgt Ion:152 Resp: 240676
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.9 190.3
 115 61.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 113.433 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130095.D
 Acq: 02 Sep 2022 00:36

Tgt Ion:112 Resp: 1608134
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.6 71.4
 63 28.5 24.6 37.0

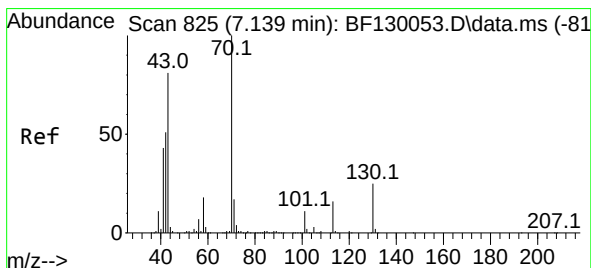
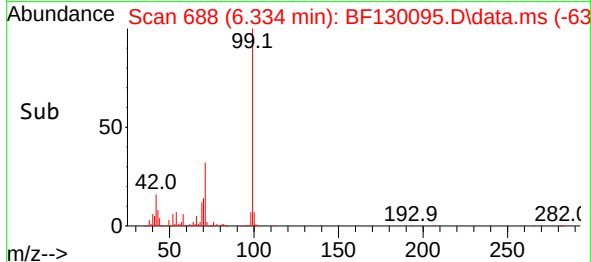
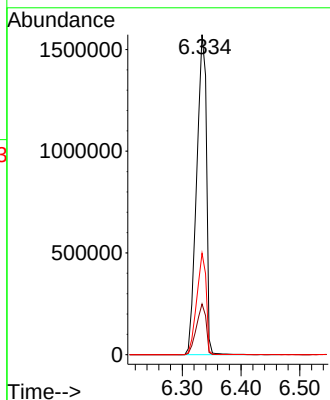
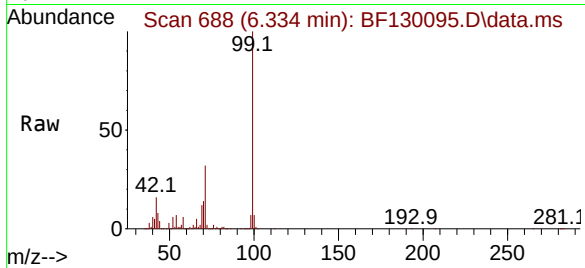




#7
Phenol-d6
Concen: 103.155 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

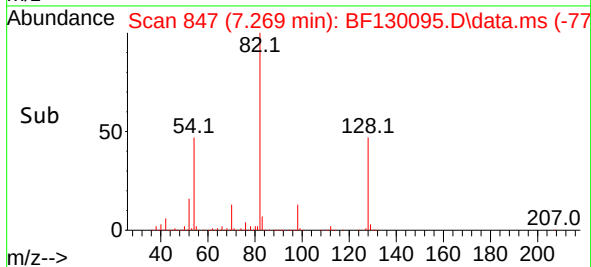
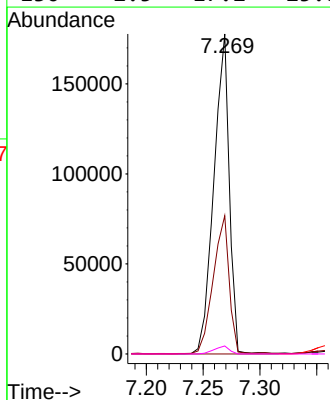
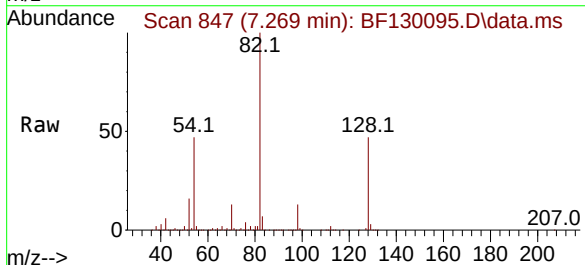
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-01-0-20

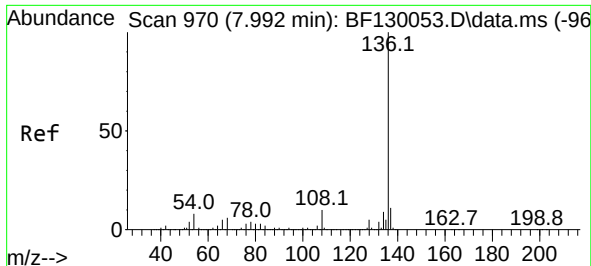
Tgt Ion: 99 Resp: 1823231
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 31.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.752 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion: 70 Resp: 167728
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

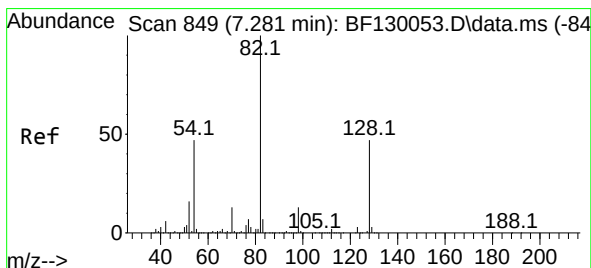
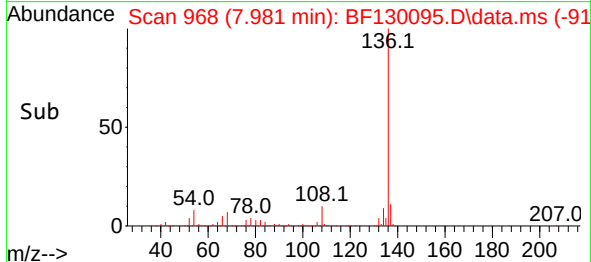
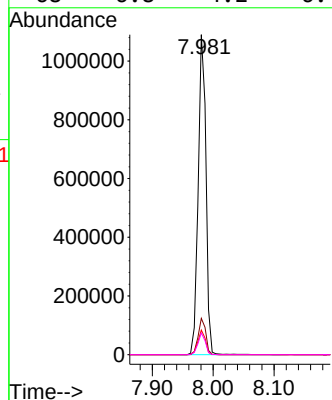
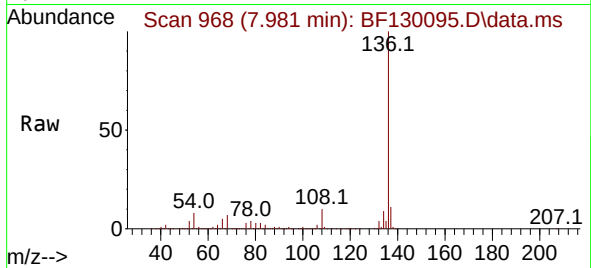




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

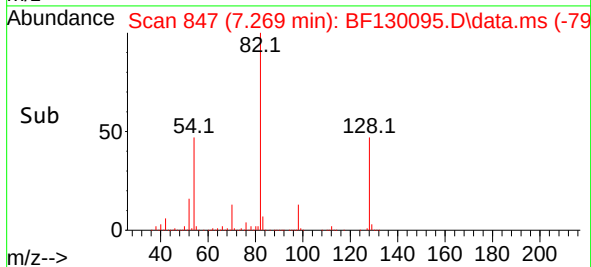
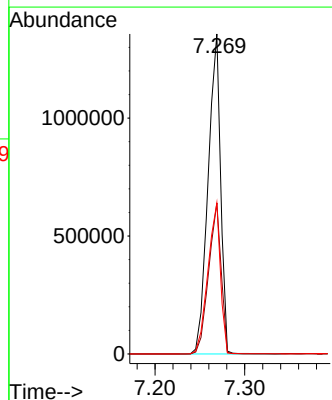
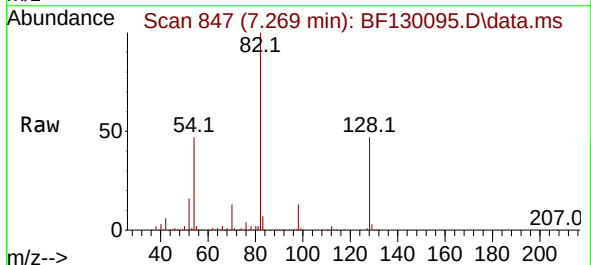
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-01-0-20

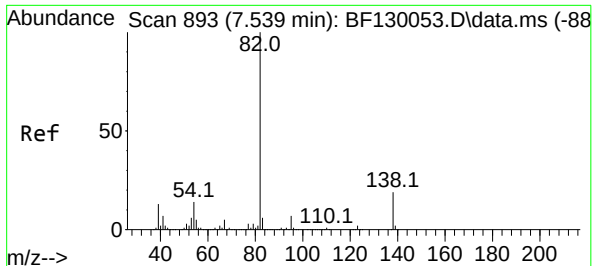
Tgt Ion:136 Resp: 963598
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 6.8 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 87.706 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion: 82 Resp: 1315049
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 47.2 40.0 60.0

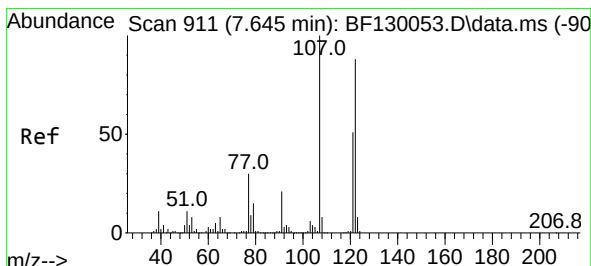
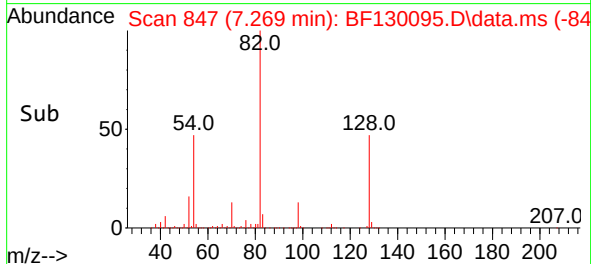
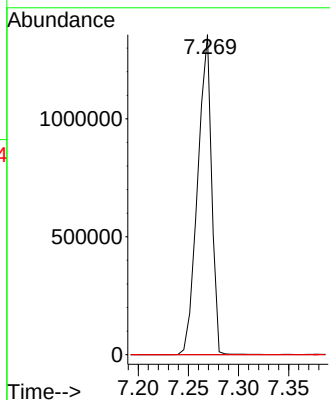
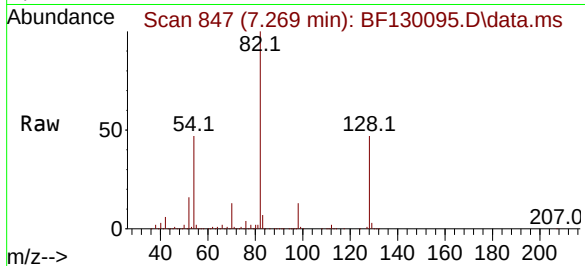




#25
Isophorone
Concen: 43.199 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

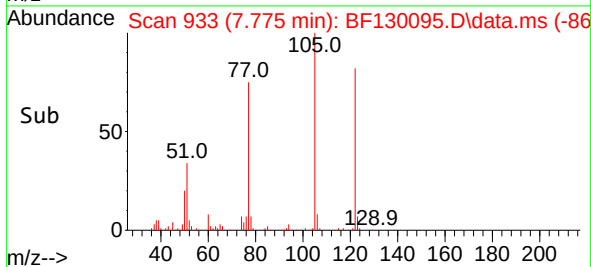
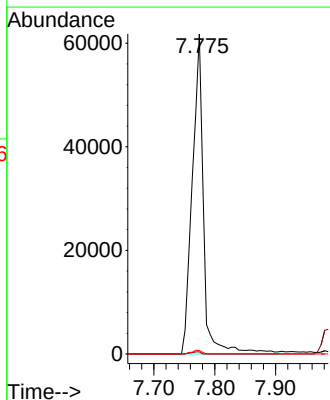
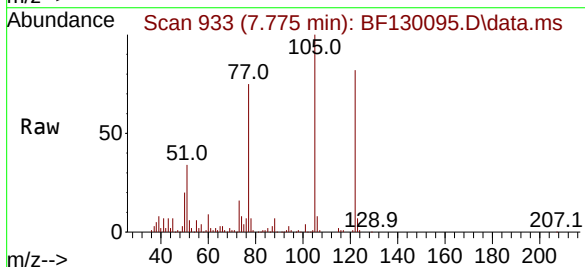
Instrument :
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ClientSampleId :
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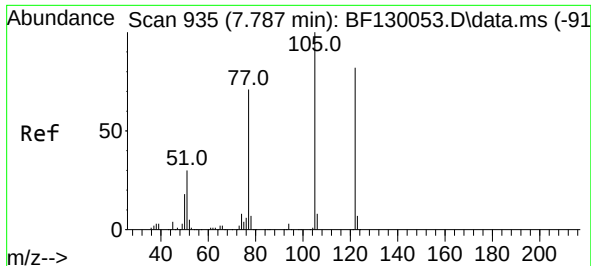
Tgt Ion: 82 Resp: 1310982
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 6.230 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.129 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion:122 Resp: 79326
Ion Ratio Lower Upper
122 100
107 0.7 92.2 138.4#
121 1.1 46.1 69.1#

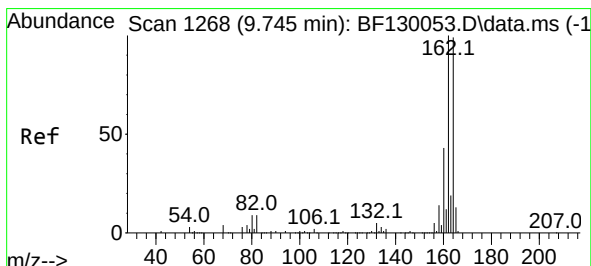
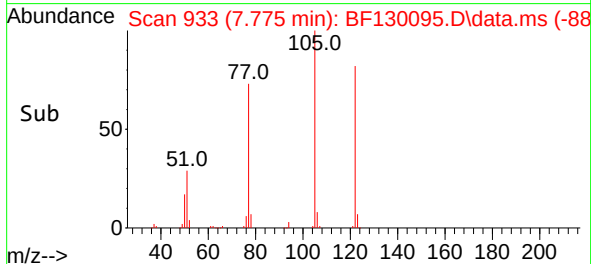
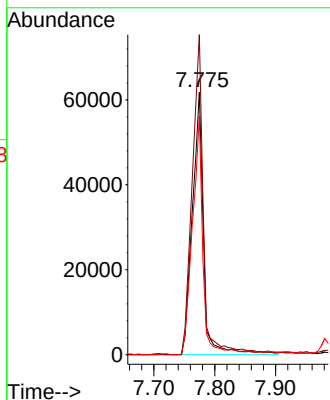
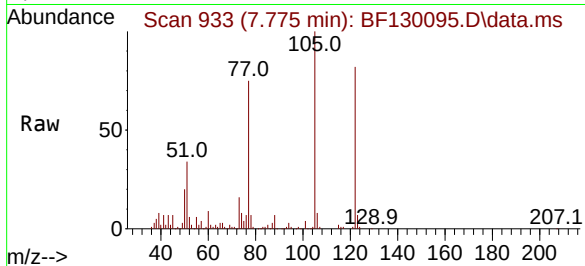




#32
Benzoic acid
Concen: 13.157 ng
RT: 7.775 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

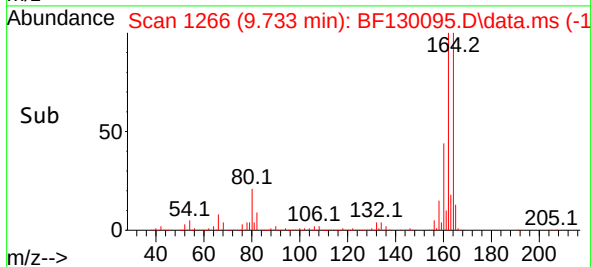
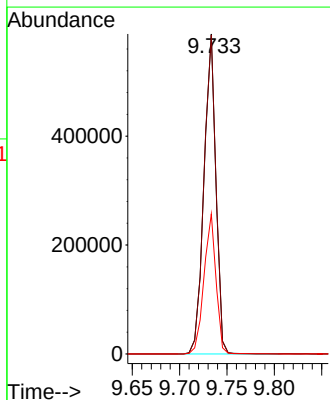
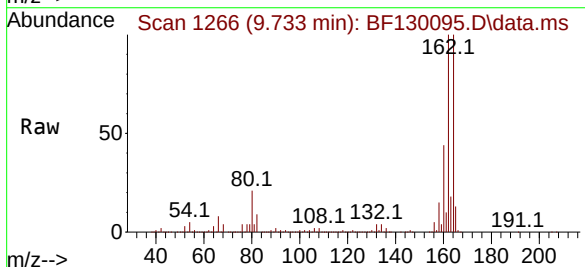
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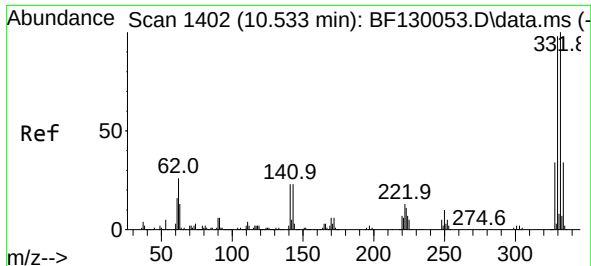
Tgt Ion:122 Resp: 79326
Ion Ratio Lower Upper
122 100
105 122.0 99.9 139.9
77 91.0 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion:164 Resp: 512899
Ion Ratio Lower Upper
164 100
162 99.7 82.0 123.0
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.062 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130095.D

Acq: 02 Sep 2022 00:36

Instrument :

BNA_F

ClientSampleId :

KTS2-WC-S-MH-01-0-20

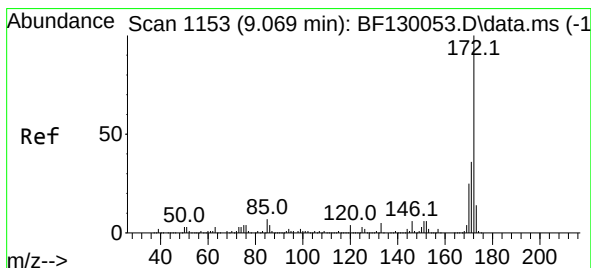
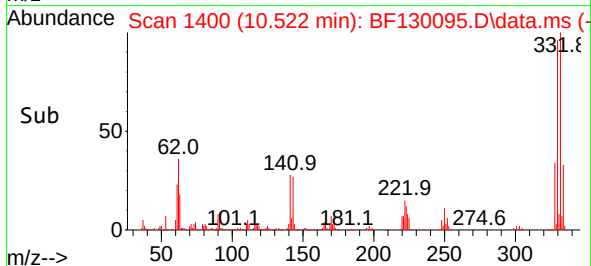
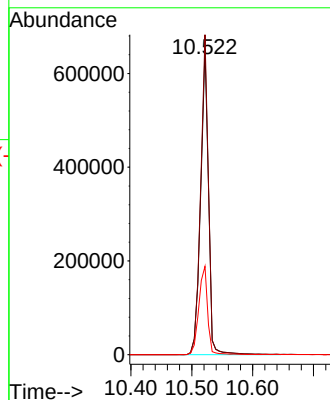
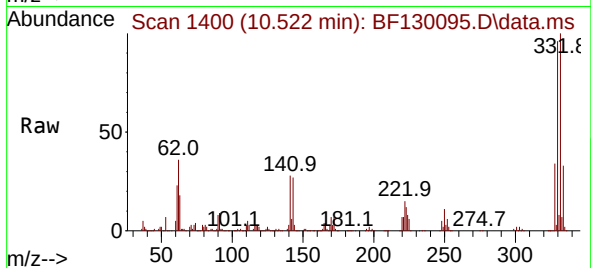
Tgt Ion:330 Resp: 588561

Ion Ratio Lower Upper

330 100

332 103.6 82.6 124.0

141 32.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.622 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130095.D

Acq: 02 Sep 2022 00:36

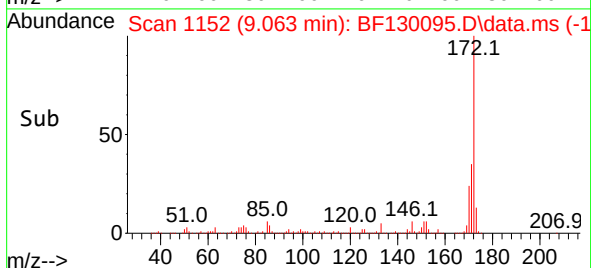
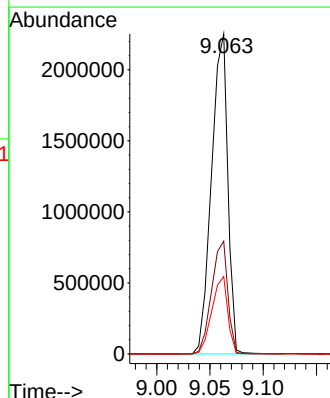
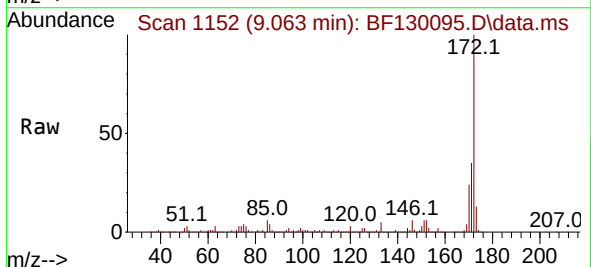
Tgt Ion:172 Resp: 2401289

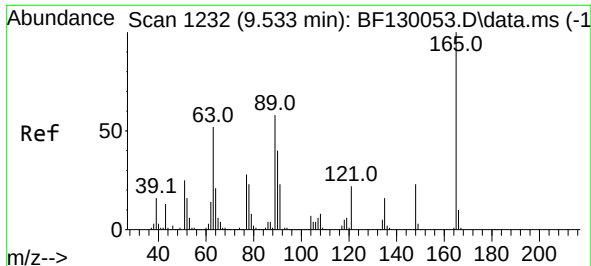
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.603 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130095.D

Acq: 02 Sep 2022 00:36

Instrument :

BNA_F

ClientSampleId :

KTS2-WC-S-MH-01-0-20

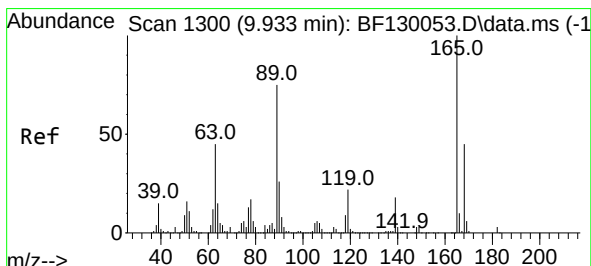
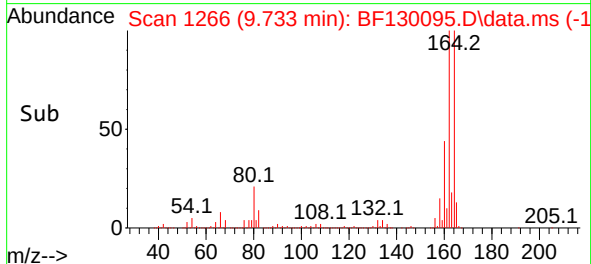
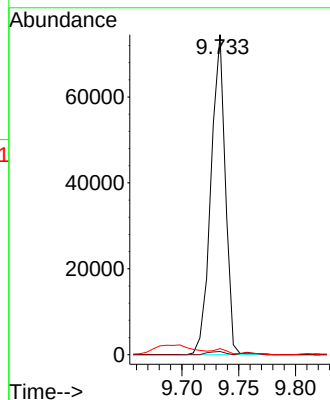
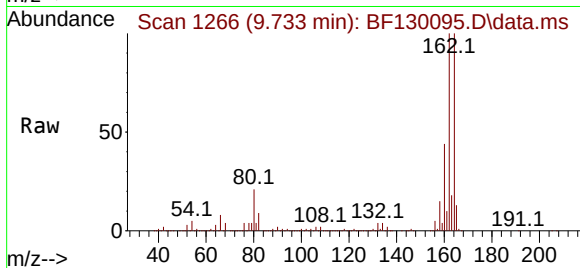
Tgt Ion:165 Resp: 65405

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.341 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130095.D

Acq: 02 Sep 2022 00:36

Tgt Ion:165 Resp: 65405

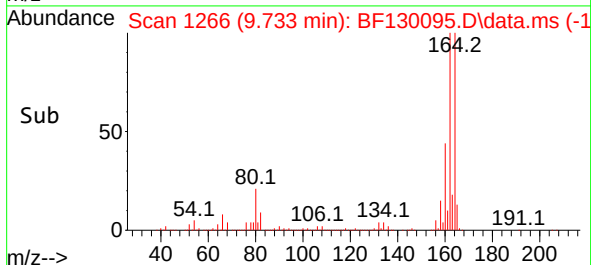
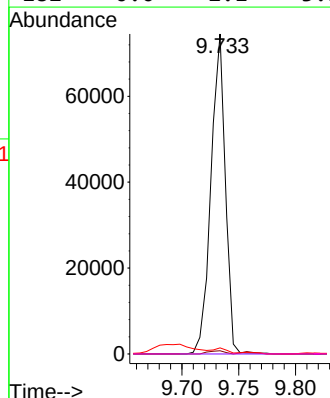
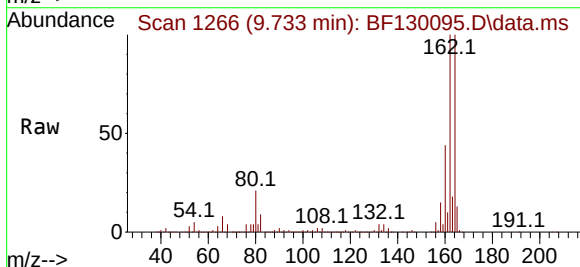
Ion Ratio Lower Upper

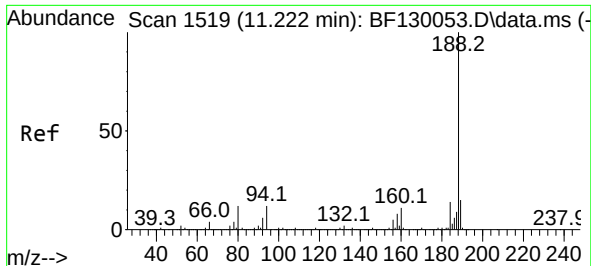
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63 1.0 48.4 72.6#

89 1.9 62.3 93.5#

182 0.0 2.1 3.1#

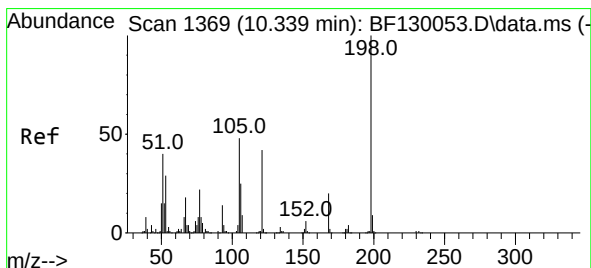
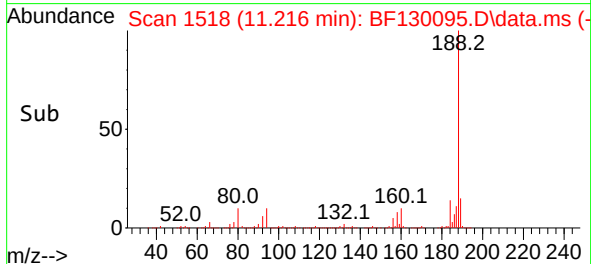
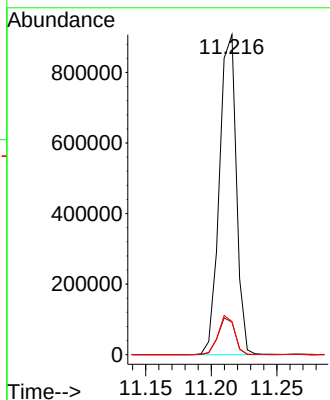
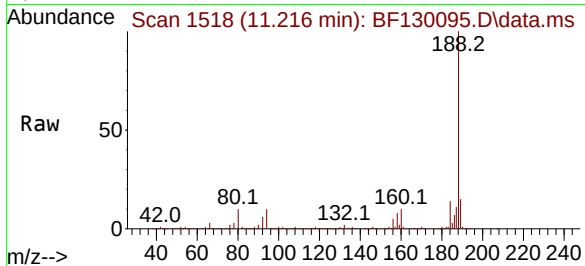




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

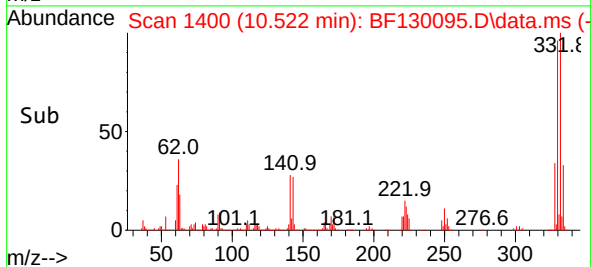
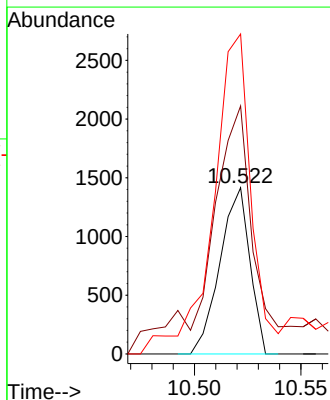
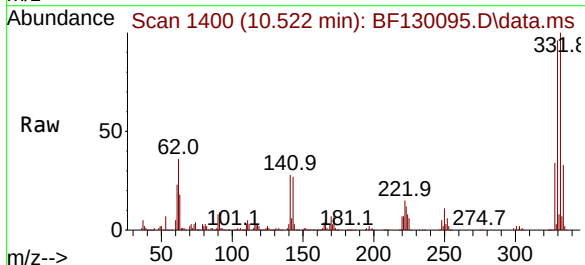
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-01-0-20

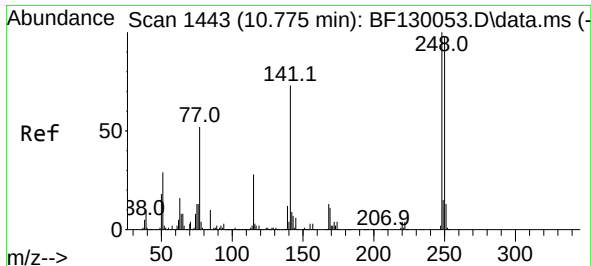
Tgt Ion:188 Resp: 815845
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.4 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.394 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion:198 Resp: 1381
Ion Ratio Lower Upper
198 100
51 149.2 29.4 69.4#
105 192.4 29.2 69.2#

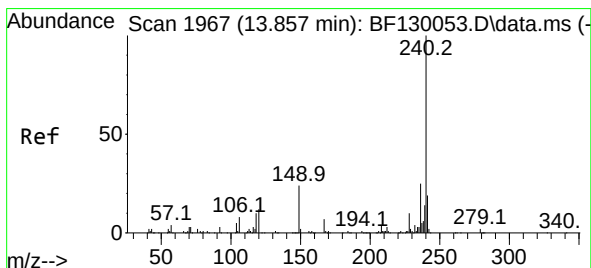
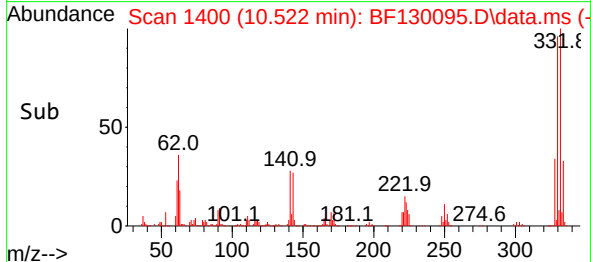
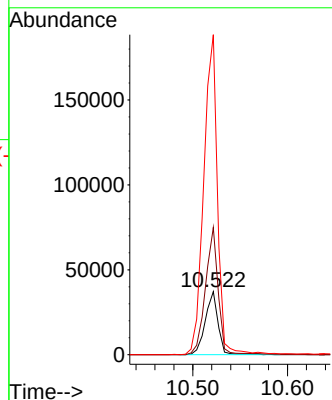
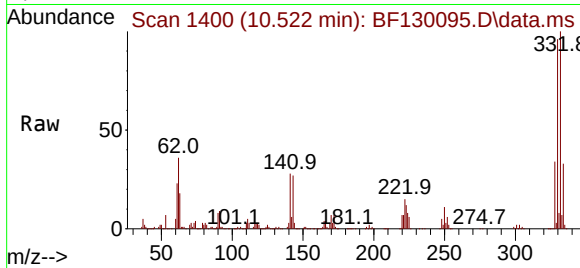




#67
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

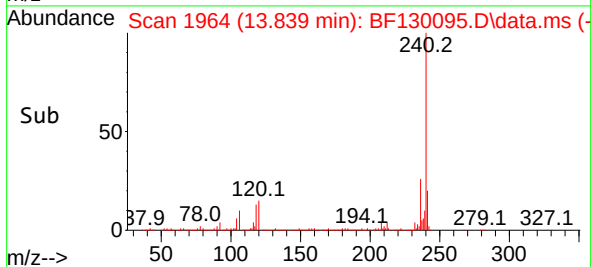
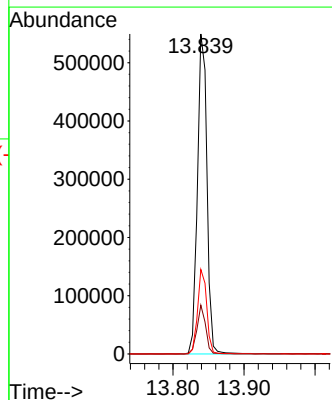
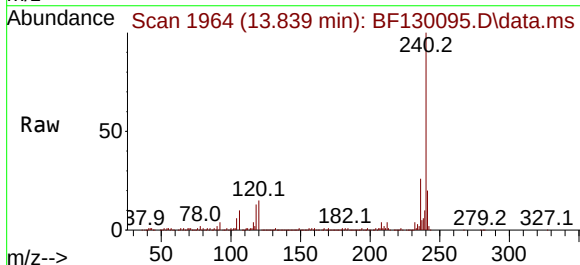
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-01-0-20

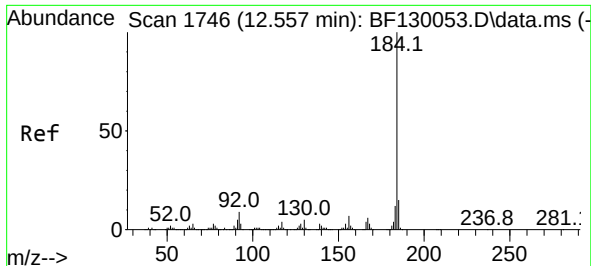
Tgt Ion:248 Resp: 34578
Ion Ratio Lower Upper
248 100
250 201.6 77.8 116.6#
141 507.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion:240 Resp: 514855
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 26.4 20.7 31.1

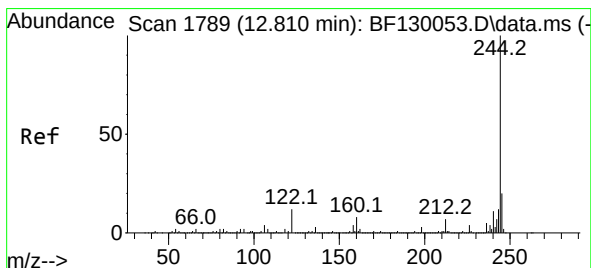
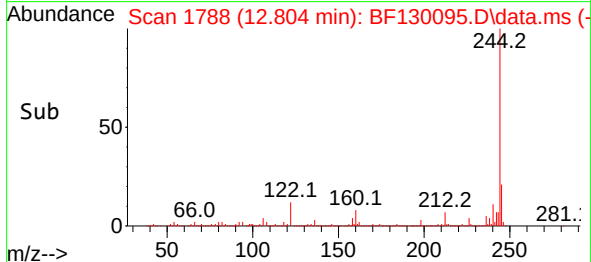
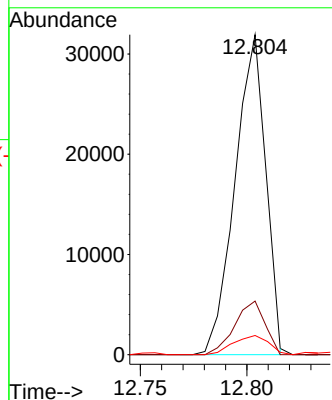
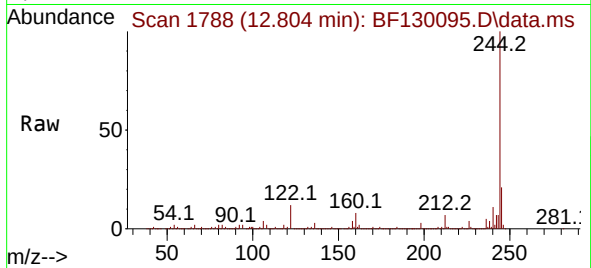




#77
Benzidine
Concen: 2.302 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

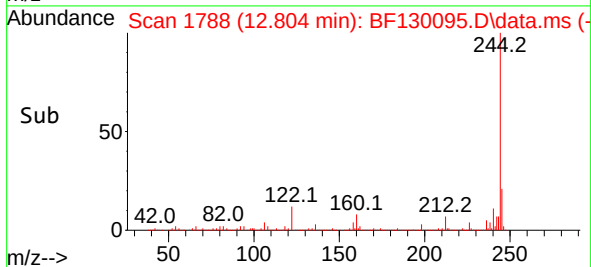
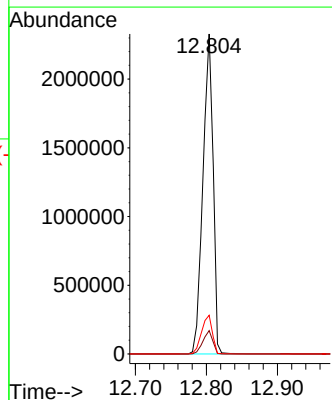
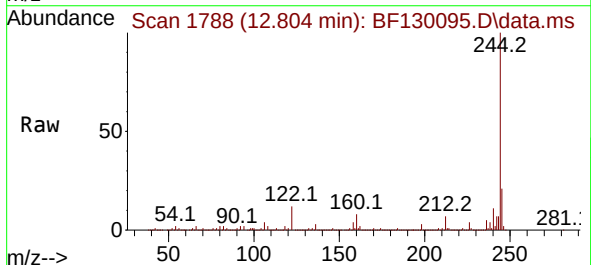
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-01-0-20

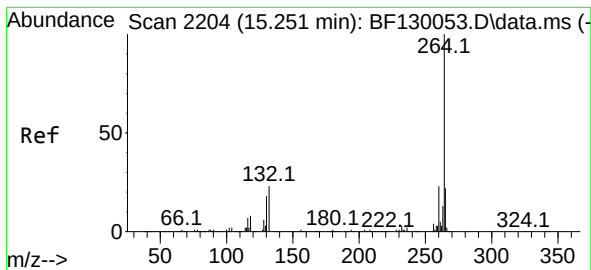
Tgt Ion:184 Resp: 31995
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.2
183 6.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 78.252 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130095.D
Acq: 02 Sep 2022 00:36

Tgt Ion:244 Resp: 2323273
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.1 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130095.D

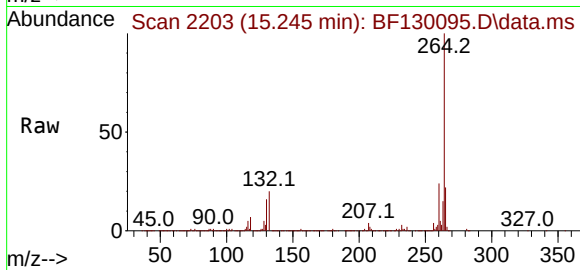
Acq: 02 Sep 2022 00:36

Instrument :

BNA_F

ClientSampleId :

KTS2-WC-S-MH-01-0-20



Tgt Ion:264 Resp: 435625

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.8 16.7 25.1

