

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130096.D
 Acq On : 02 Sep 2022 01:07
 Operator : CG\JU
 Sample : N4438-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-MH-02-0-20

Quant Time: Sep 02 04:08:11 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)

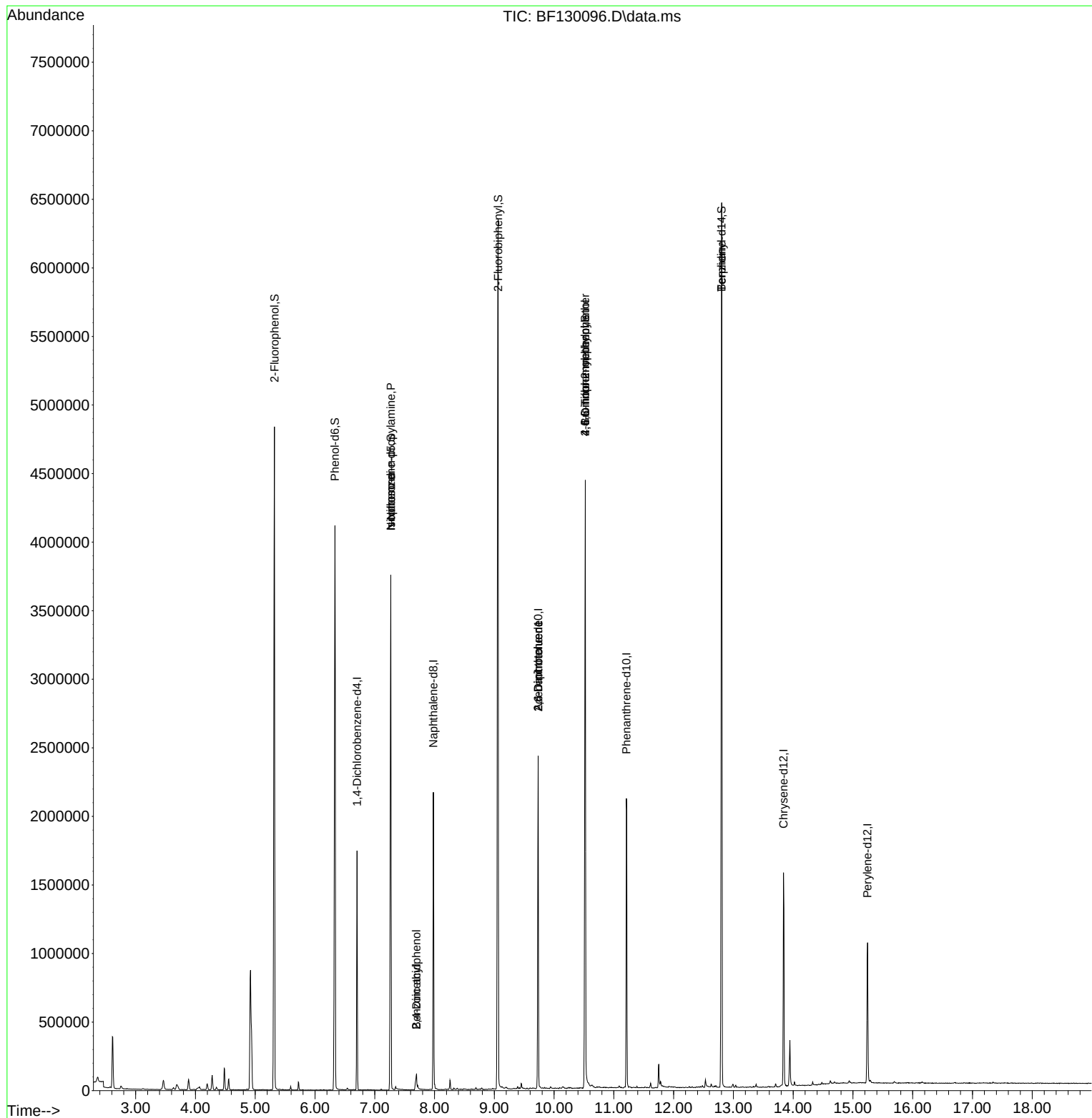
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	232563	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	909295	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	484686	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	778410	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	495946	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	419559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1556497	113.620	ng	0.01
7) Phenol-d6	6.334	99	1758350	102.955	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1277266	90.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	575043	130.336	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2276694	77.878	ng	0.00
79) Terphenyl-d14	12.804	244	2294989	80.246	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	165281	16.064	ng	# 74
25) Isophorone	7.269	82	1272723	44.443	ng	# 65
27) 2,4-Dimethylphenol	7.698	122	38066	3.168	ng	# 4
32) Benzoic acid	7.698	122	38066	9.921	ng	96
51) 2,6-Dinitrotoluene	9.733	165	63426	9.854	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	63426	8.559	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1358	6.404	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	34131	3.942	ng	# 1
77) Benzidine	12.804	184	31759	2.372	ng	# 92

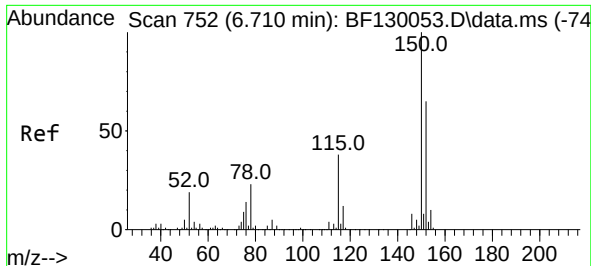
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 31 18:15:32 2022
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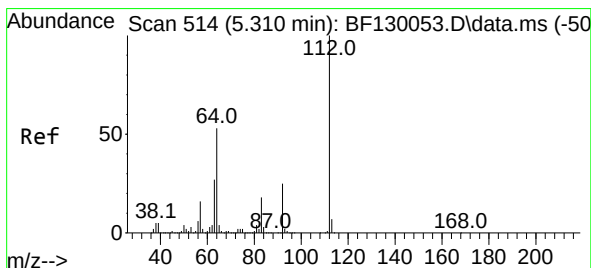
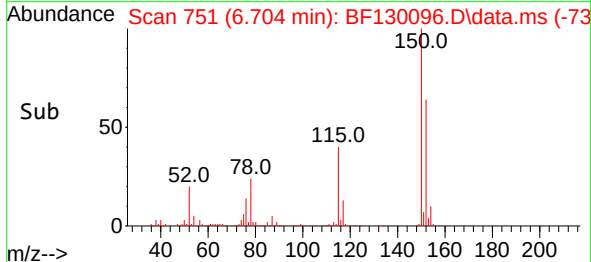
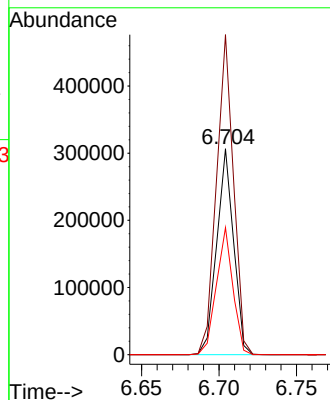
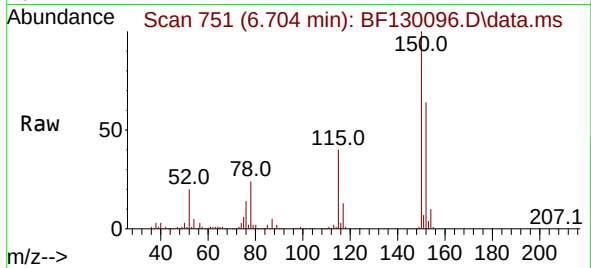




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130096.D
 Acq: 02 Sep 2022 01:07

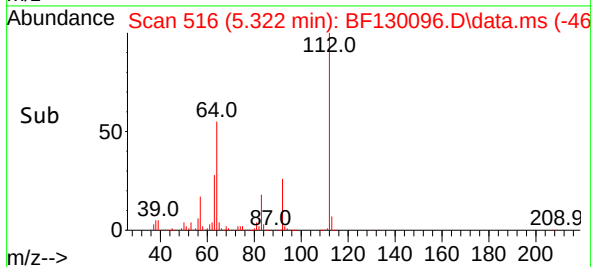
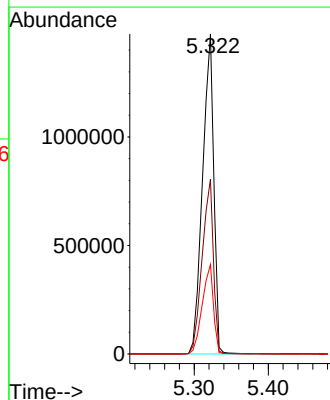
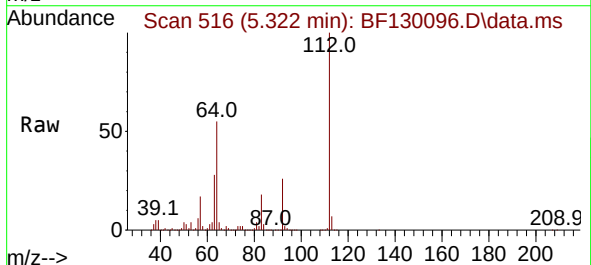
Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-MH-02-0-20

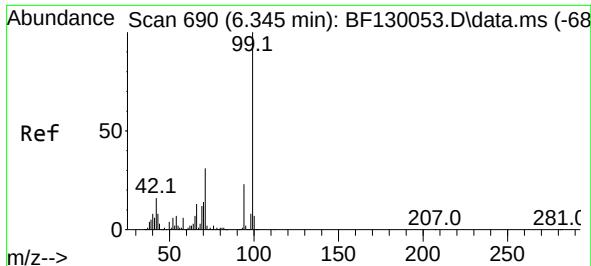
Tgt Ion:152 Resp: 232563
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.9 190.3
 115 61.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 113.620 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130096.D
 Acq: 02 Sep 2022 01:07

Tgt Ion:112 Resp: 1556497
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.6 71.4
 63 28.0 24.6 37.0

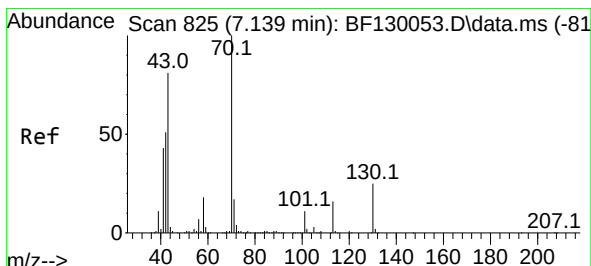
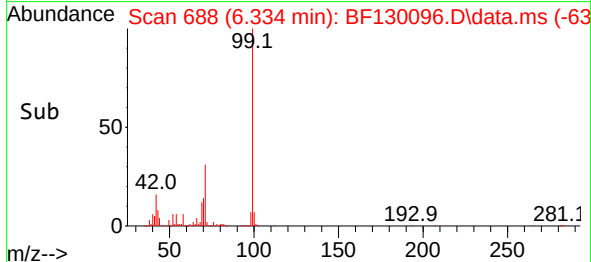
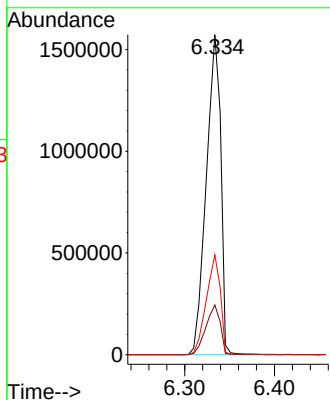
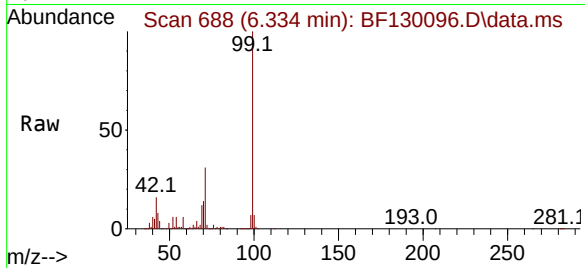




#7
Phenol-d6
Concen: 102.955 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

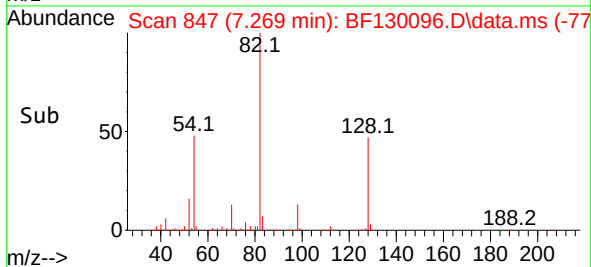
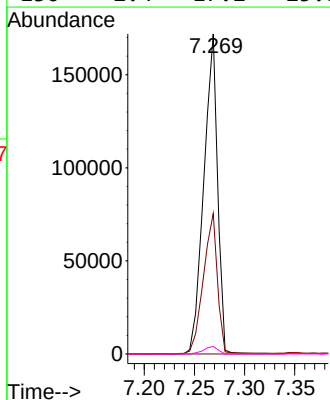
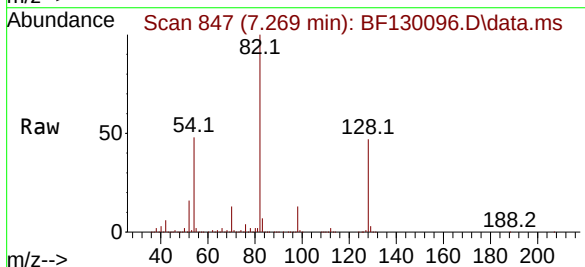
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

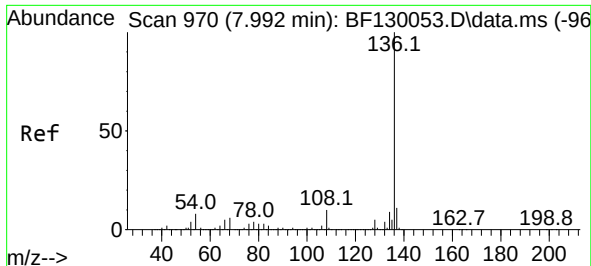
Tgt Ion: 99 Resp: 1758350
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 31.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.064 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion: 70 Resp: 165281
Ion Ratio Lower Upper
70 100
42 43.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

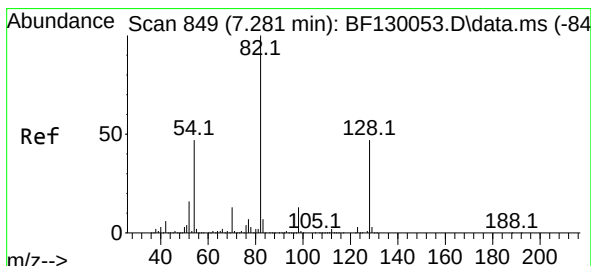
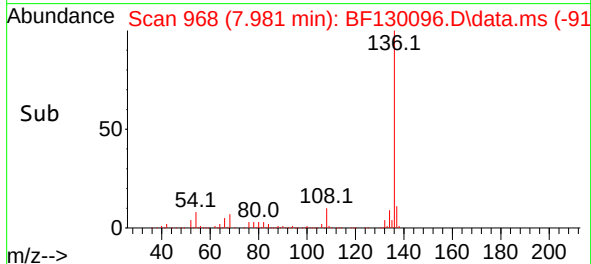
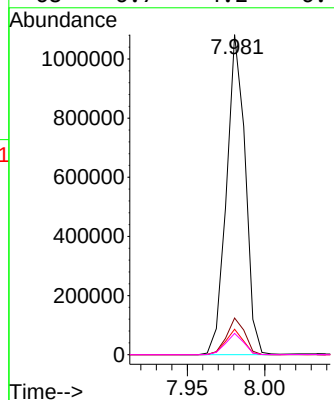
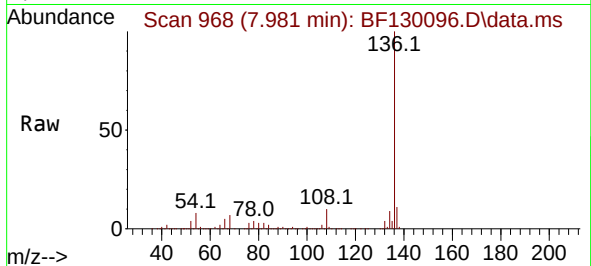




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

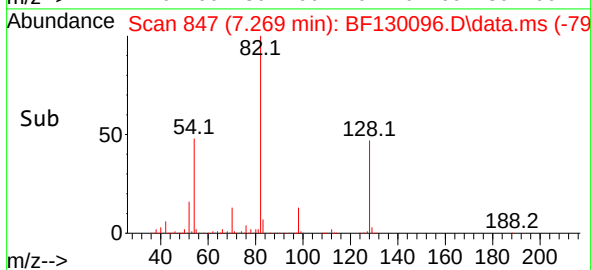
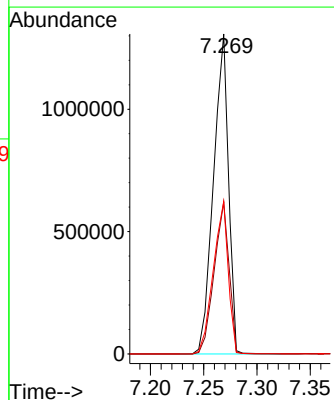
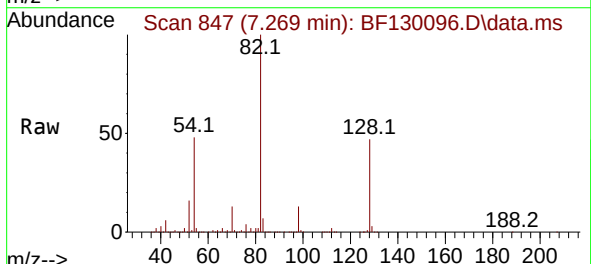
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

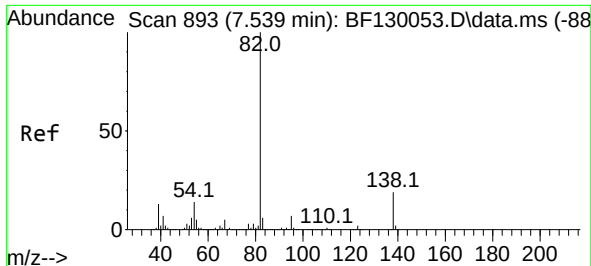
Tgt Ion:136 Resp: 909295
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.9 6.2 9.2
68 6.7 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 90.273 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion: 82 Resp: 1277266
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 47.7 40.0 60.0

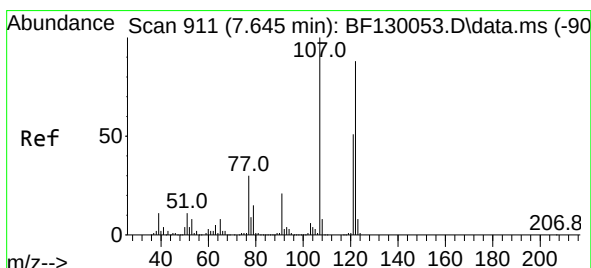
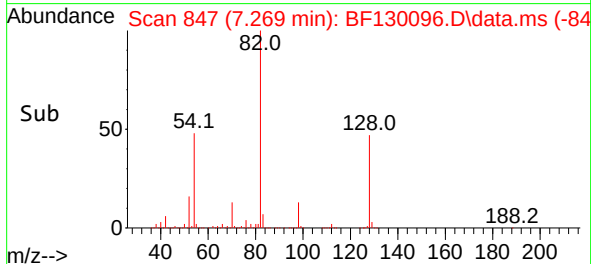
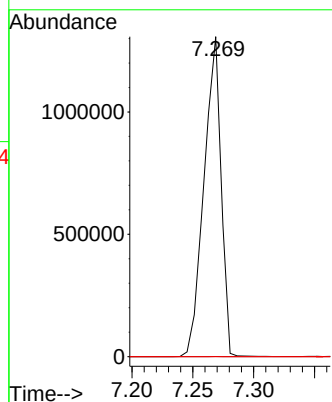
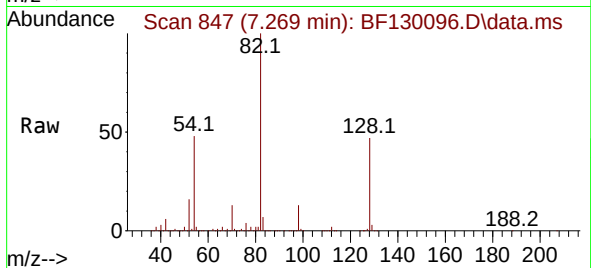




#25
Isophorone
Concen: 44.443 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

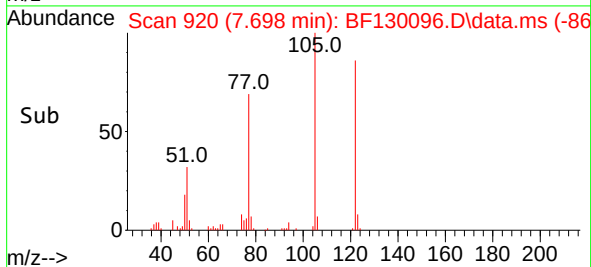
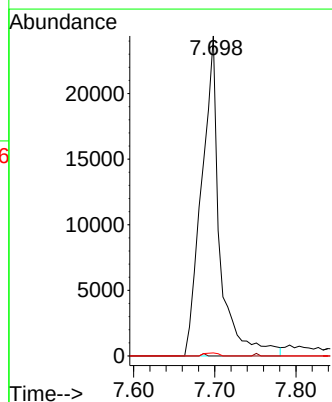
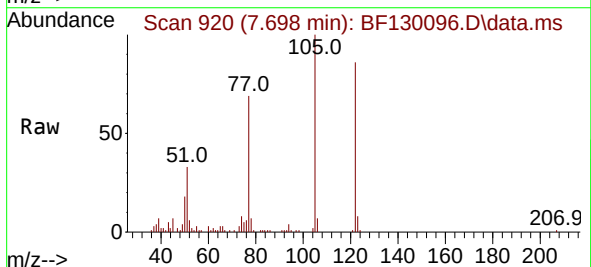
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ClientSampleId :
KTS2-WC-S-MH-02-0-20

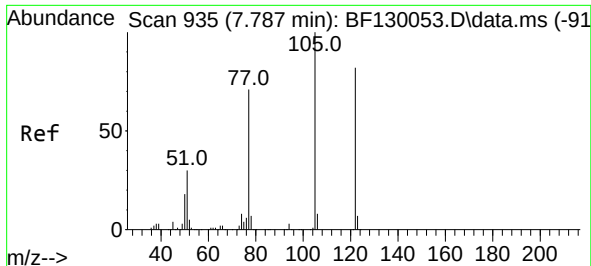
Tgt Ion: 82 Resp: 1272723
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 3.168 ng
RT: 7.698 min Scan# 920
Delta R.T. 0.053 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion: 122 Resp: 38066
Ion Ratio Lower Upper
122 100
107 0.0 92.2 138.4#
121 1.0 46.1 69.1#

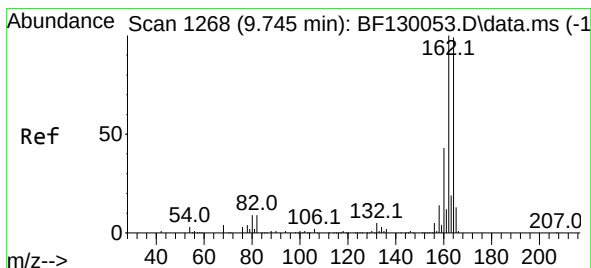
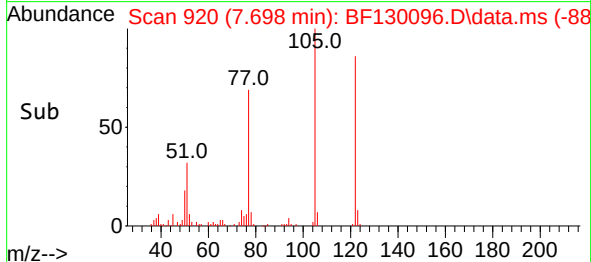
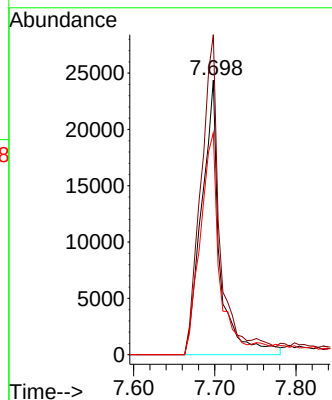
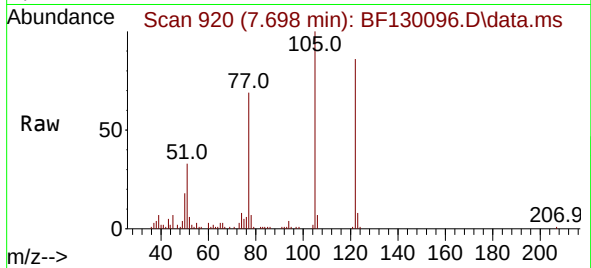




#32
Benzoic acid
Concen: 9.921 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

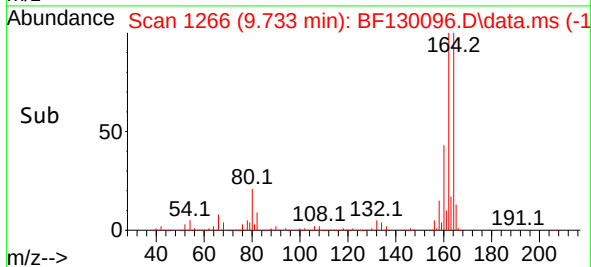
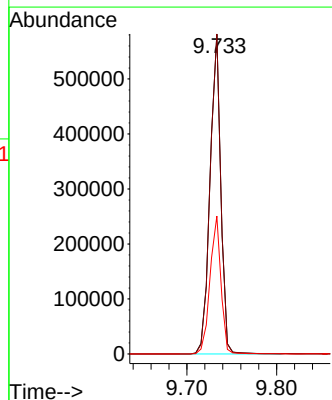
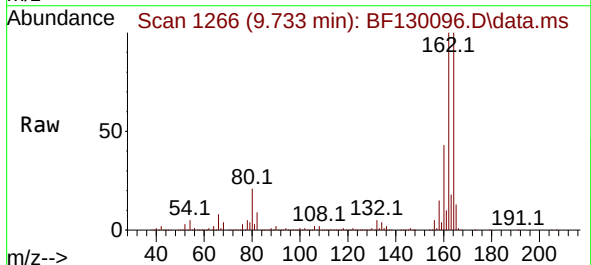
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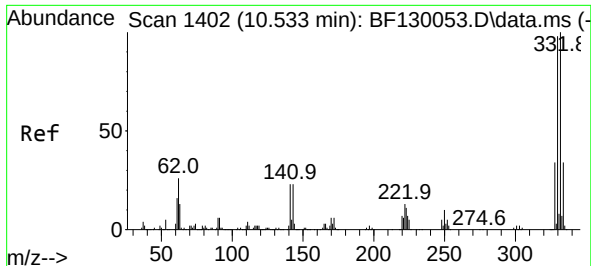
Tgt Ion:122 Resp: 38066
Ion Ratio Lower Upper
122 100
105 116.5 99.9 139.9
77 80.8 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion:164 Resp: 484686
Ion Ratio Lower Upper
164 100
162 100.1 82.0 123.0
160 43.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.336 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130096.D

Acq: 02 Sep 2022 01:07

Instrument :

BNA_F

ClientSampleId :

KTS2-WC-S-MH-02-0-20

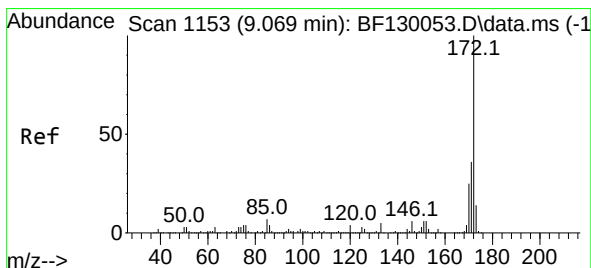
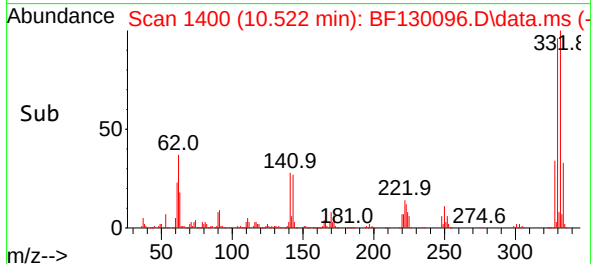
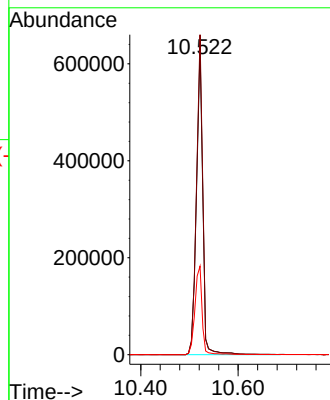
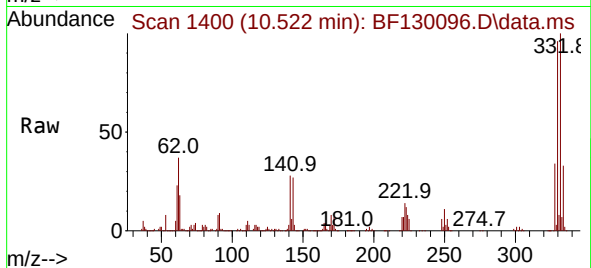
Tgt Ion:330 Resp: 575043

Ion Ratio Lower Upper

330 100

332 103.2 82.6 124.0

141 32.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.878 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130096.D

Acq: 02 Sep 2022 01:07

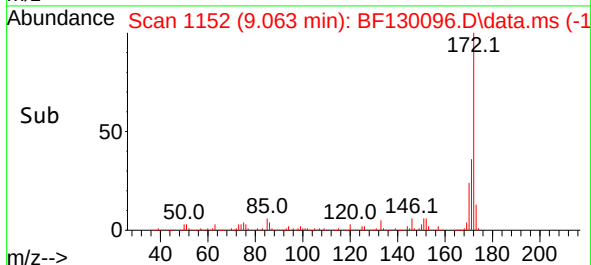
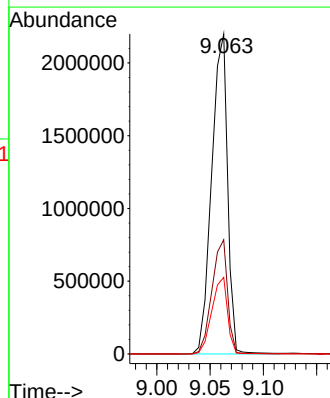
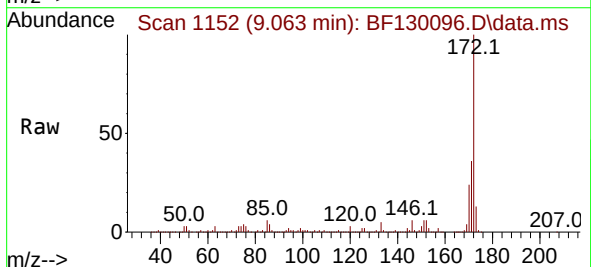
Tgt Ion:172 Resp: 2276694

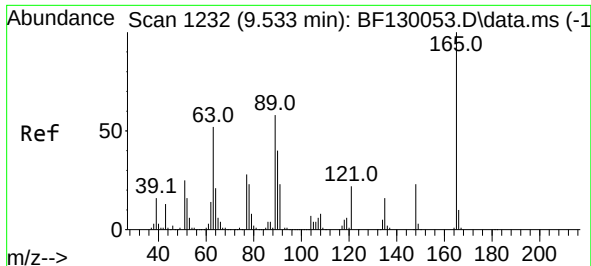
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.854 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130096.D

Acq: 02 Sep 2022 01:07

Instrument :

BNA_F

ClientSampleId :

KTS2-WC-S-MH-02-0-20

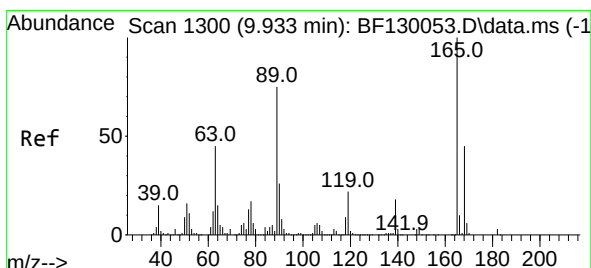
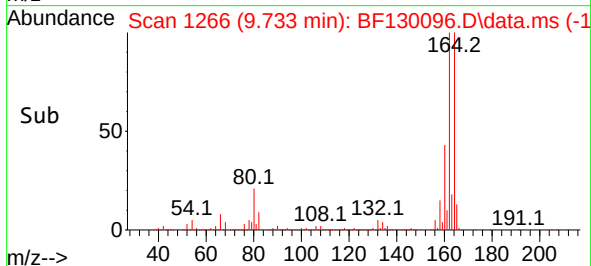
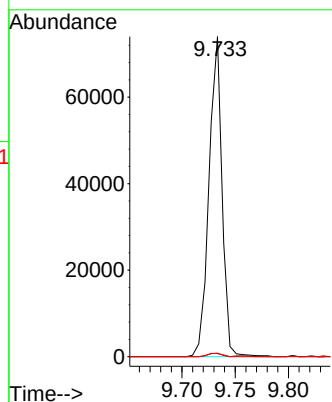
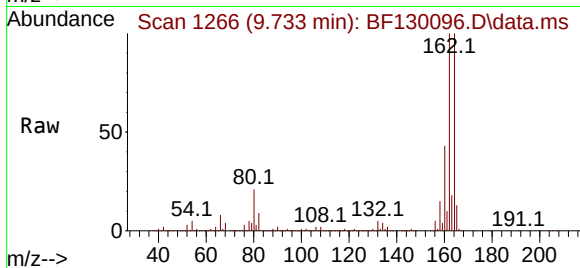
Tgt Ion:165 Resp: 63426

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.559 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130096.D

Acq: 02 Sep 2022 01:07

Tgt Ion:165 Resp: 63426

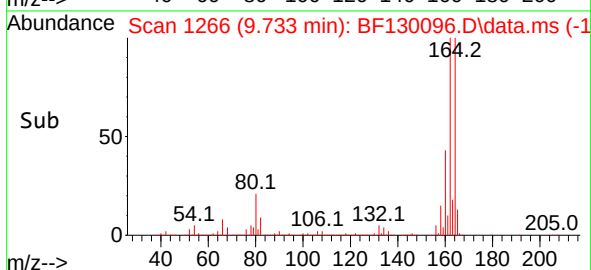
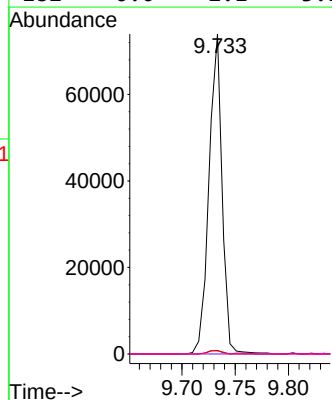
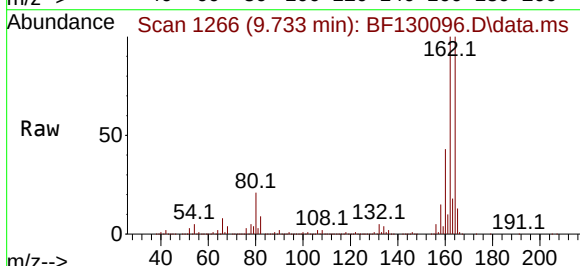
Ion Ratio Lower Upper

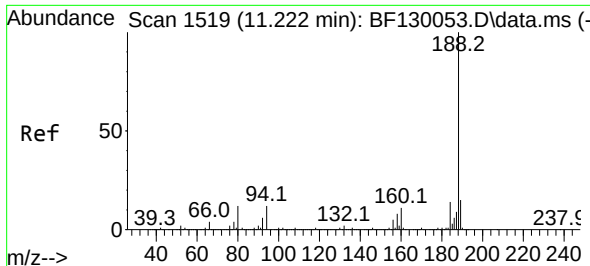
165 100

63 1.1 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

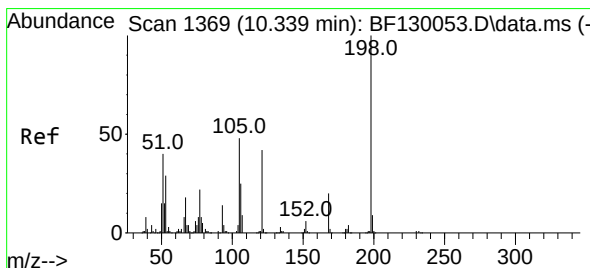
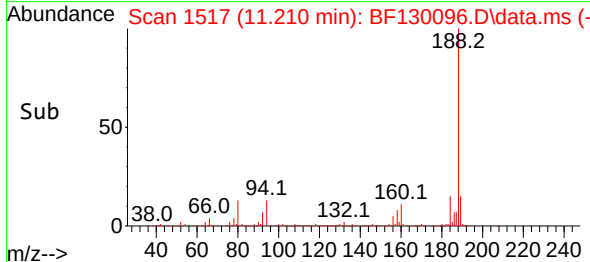
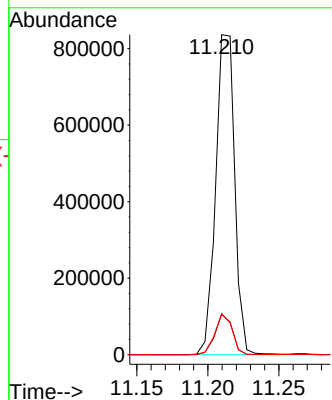
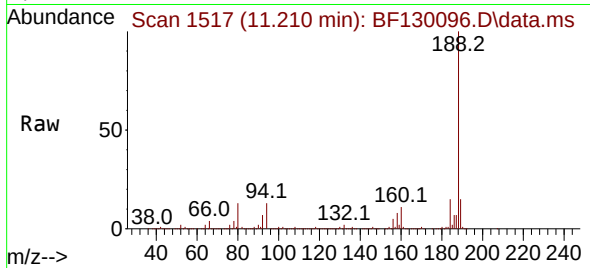




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

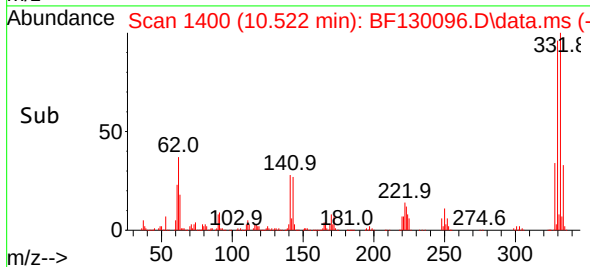
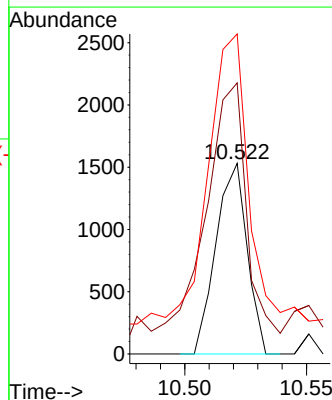
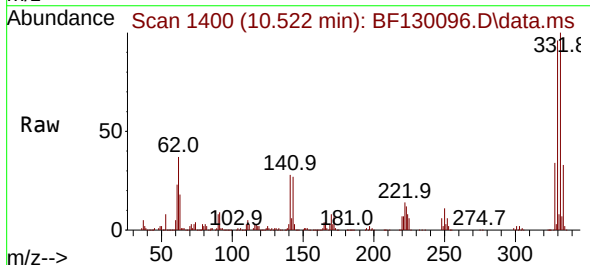
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

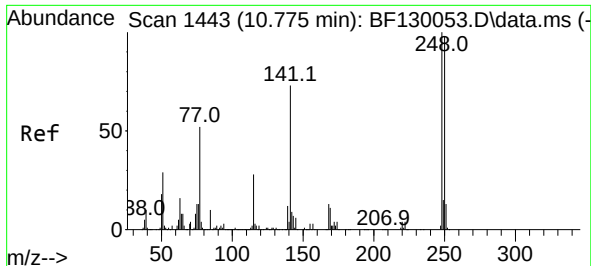
Tgt Ion:188 Resp: 778410
Ion Ratio Lower Upper
188 100
94 12.6 7.4 11.2#
80 12.8 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.404 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion:198 Resp: 1358
Ion Ratio Lower Upper
198 100
51 142.3 29.4 69.4#
105 168.0 29.2 69.2#

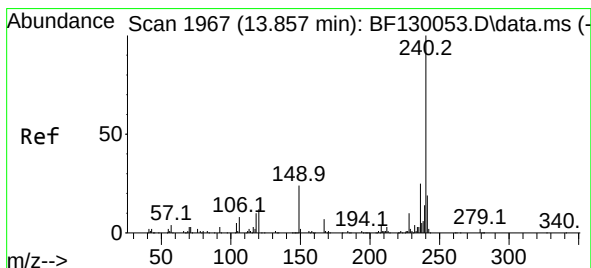
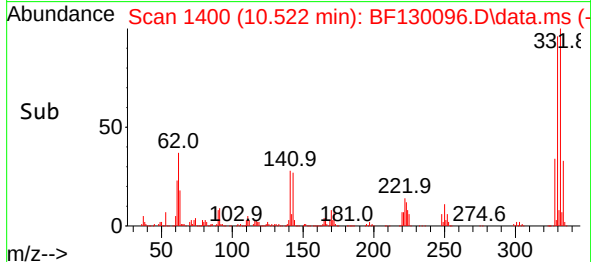
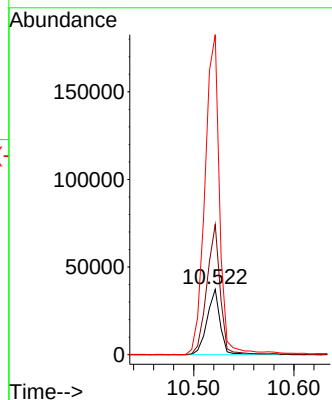
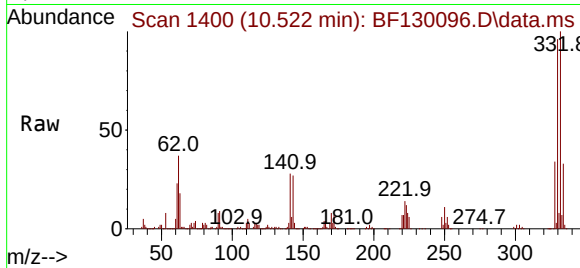




#67
4-Bromophenyl-phenylether
Concen: 3.942 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

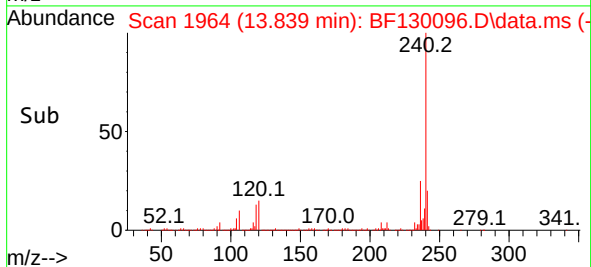
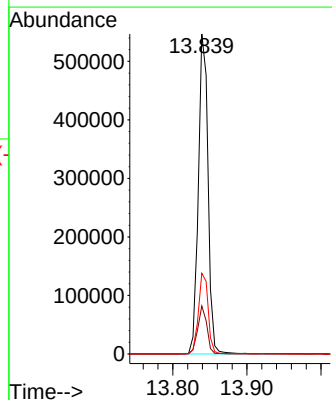
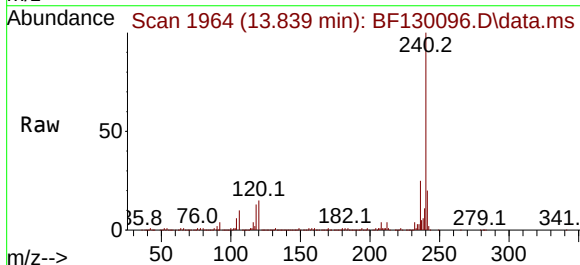
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

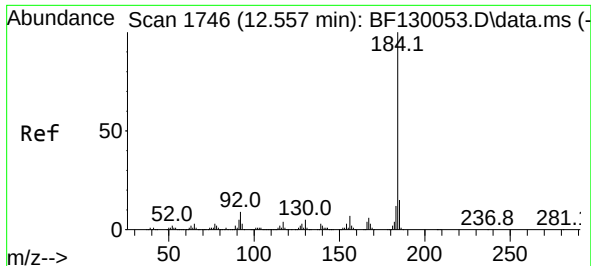
Tgt Ion:248 Resp: 34131
Ion Ratio Lower Upper
248 100
250 199.1 77.8 116.6#
141 489.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion:240 Resp: 495946
Ion Ratio Lower Upper
240 100
120 15.0 9.2 13.8#
236 25.2 20.7 31.1

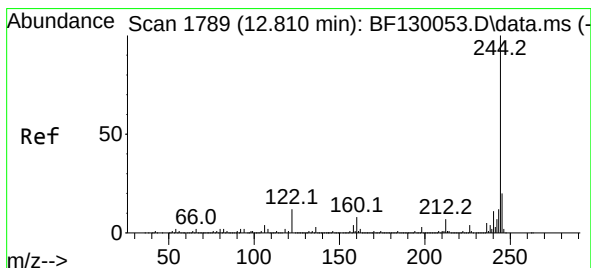
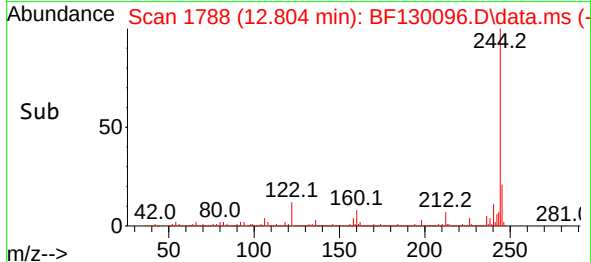
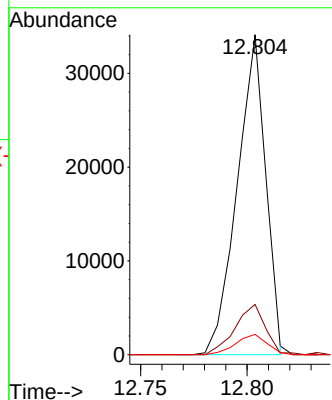
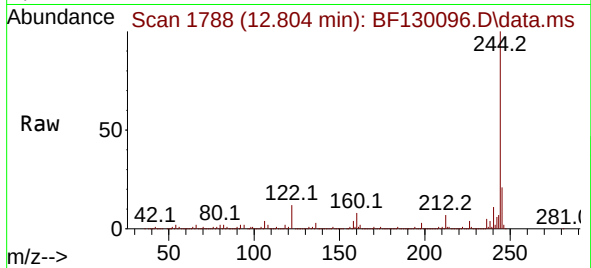




#77
Benzidine
Concen: 2.372 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

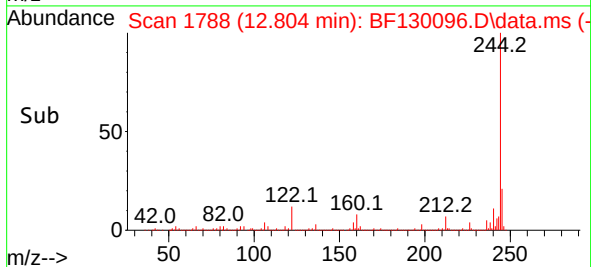
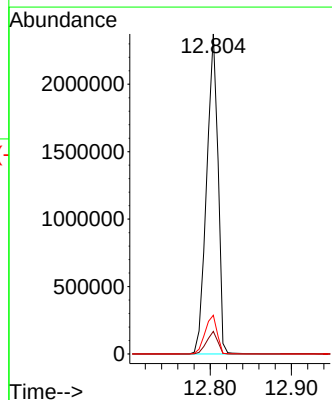
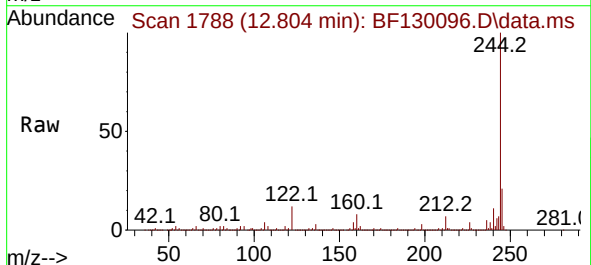
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

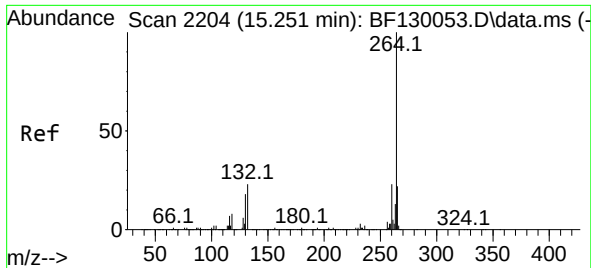
Tgt Ion:184 Resp: 31759
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.246 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130096.D
Acq: 02 Sep 2022 01:07

Tgt Ion:244 Resp: 2294989
Ion Ratio Lower Upper
244 100
212 7.1 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: BF130096.D
Acq: 02 Sep 2022 01:07

Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-MH-02-0-20

Tgt Ion:264 Resp: 419559
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.5 16.7 25.1

