

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129956.D
 Acq On : 23 Aug 2022 16:35
 Operator : CG\JU
 Sample : N4142-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-EAST

Quant Time: Aug 24 01:55:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

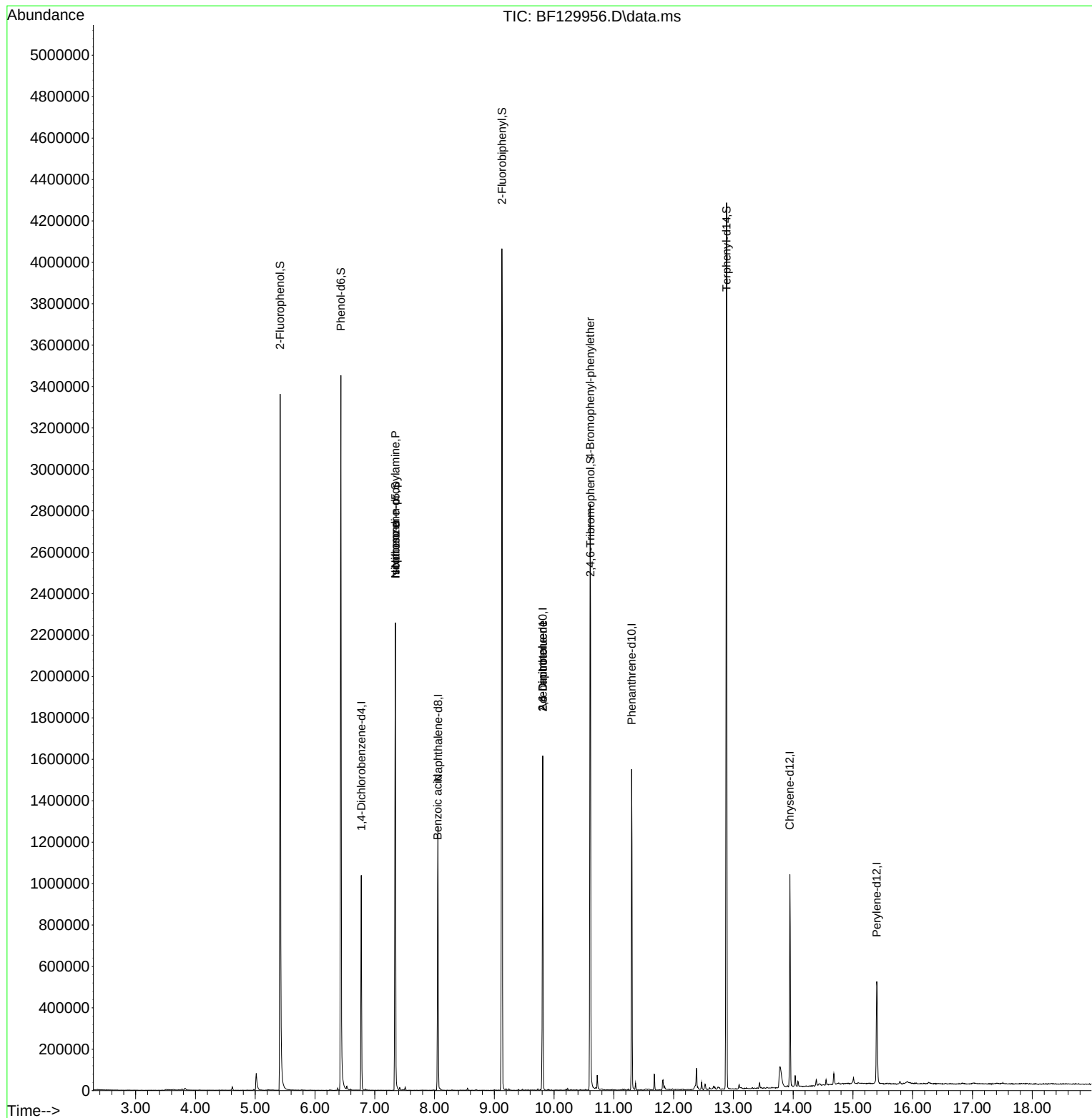
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	140013	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	571217	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	309785	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	525428	20.000	ng	0.00
76) Chrysene-d12	13.945	240	321747	20.000	ng	0.00
86) Perylene-d12	15.398	264	227502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	889936	105.238	ng	0.00
7) Phenol-d6	6.434	99	1121607	105.914	ng	0.00
23) Nitrobenzene-d5	7.345	82	742076	69.544	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	325001	104.530	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1364749	66.911	ng	0.00
79) Terphenyl-d14	12.886	244	1372443	70.977	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	2022	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	100228	14.974	ng	# 77
25) Isophorone	7.345	82	742069	40.405	ng	# 65
32) Benzoic acid	8.051	122	142	2.204	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	39627	8.226	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	39627	6.337	ng	# 17
67) 4-Bromophenyl-phenylether	10.604	248	20362	3.309	ng	# 1
77) Benzidine	12.886	184	20191	Below Cal	#	95

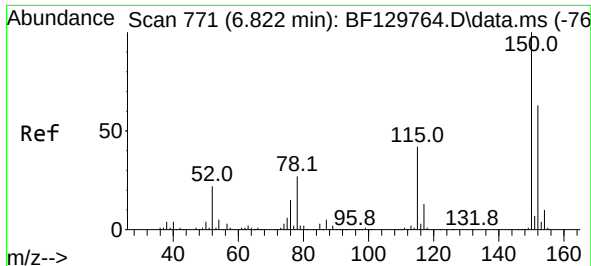
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
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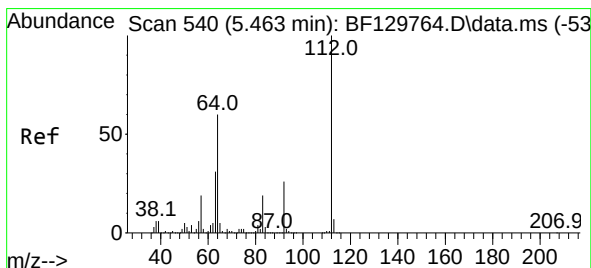
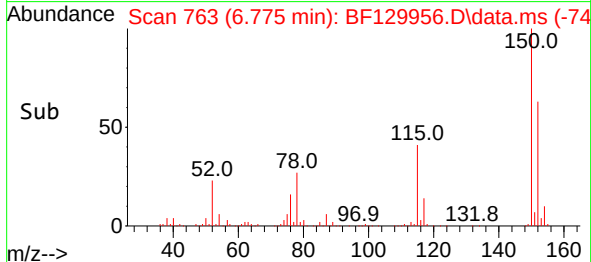
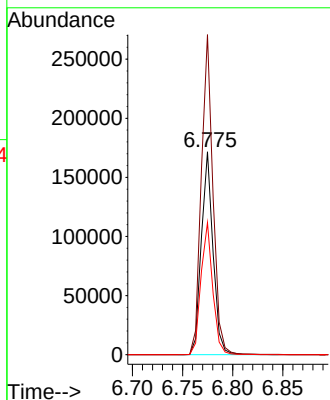
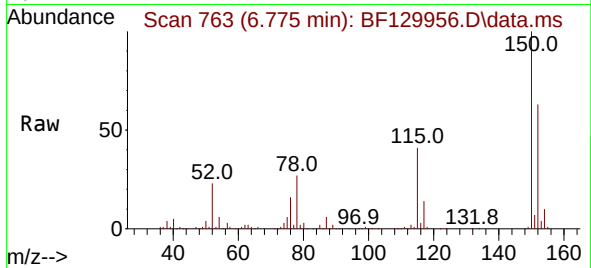




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

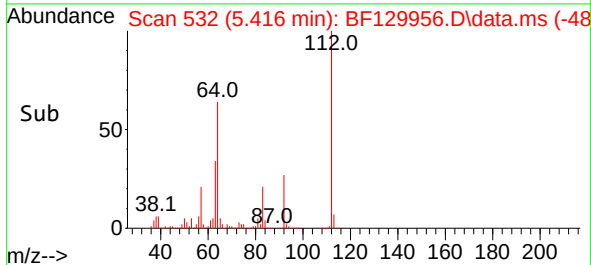
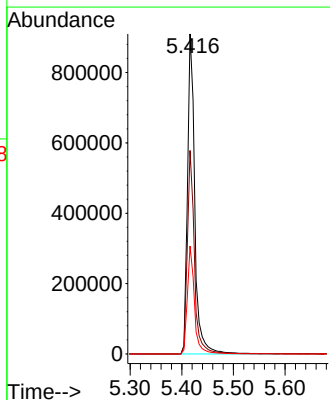
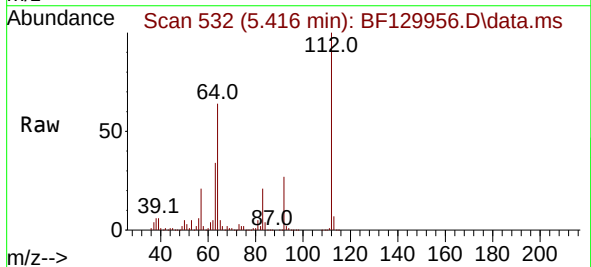
Instrument :
BNA_F
ClientSampleId :
UST-EAST

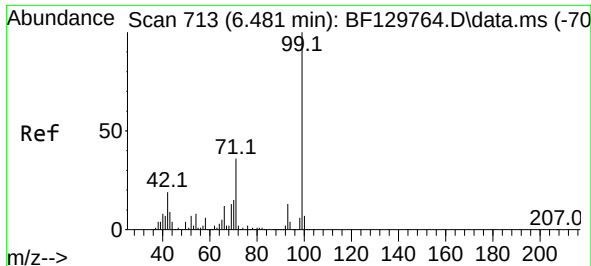
Tgt Ion:152 Resp: 140013
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 65.1 53.4 80.0



#5
2-Fluorophenol
Concen: 105.238 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:112 Resp: 889936
Ion Ratio Lower Upper
112 100
64 63.6 47.6 71.4
63 33.7 24.6 37.0

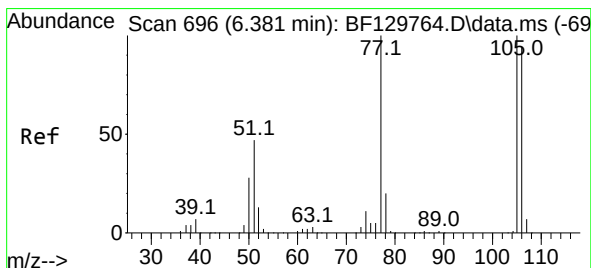
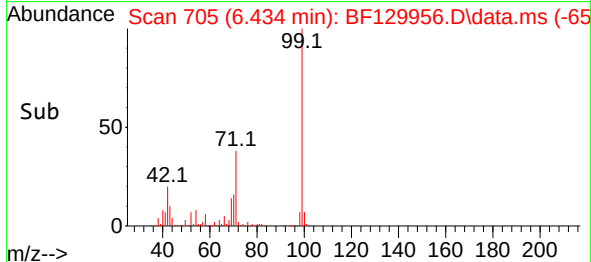
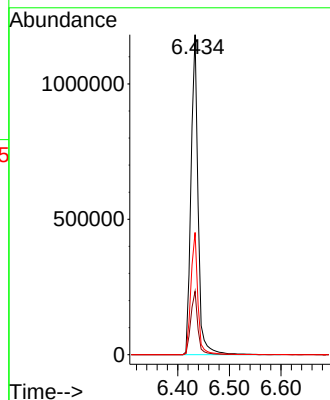
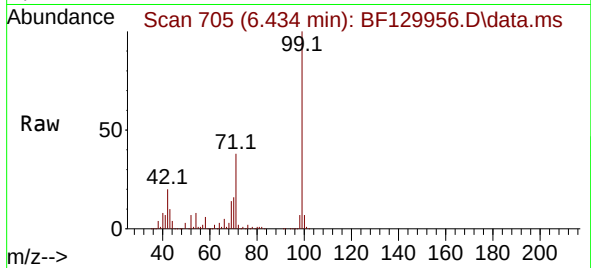




#7
Phenol-d6
Concen: 105.914 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

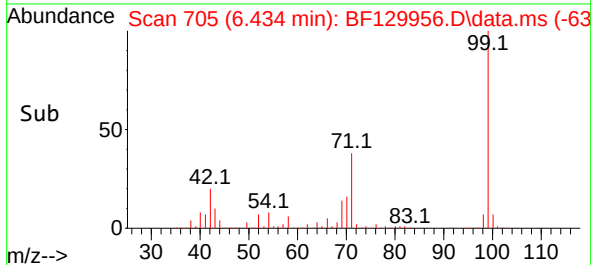
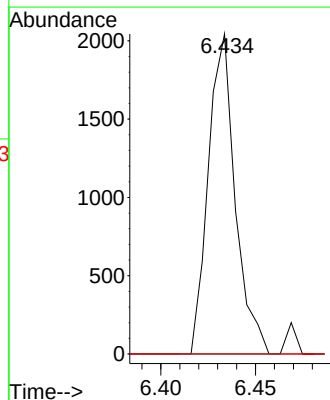
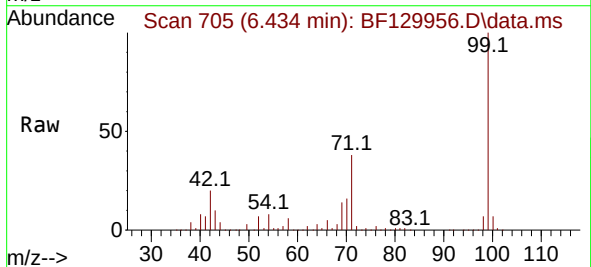
Instrument :
BNA_F
ClientSampleId :
UST-EAST

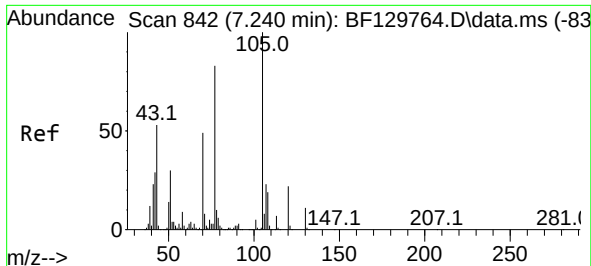
Tgt Ion: 99 Resp: 1121607
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 38.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion: 77 Resp: 2022
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

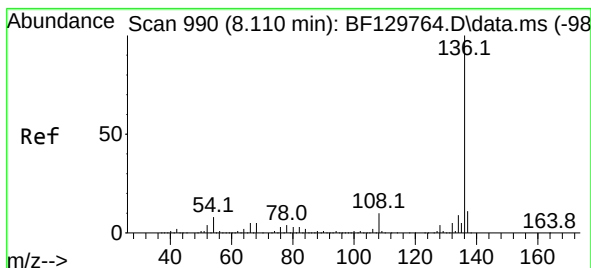
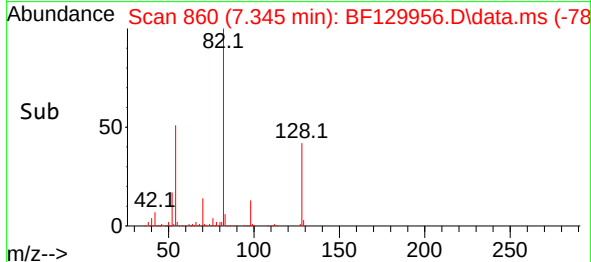
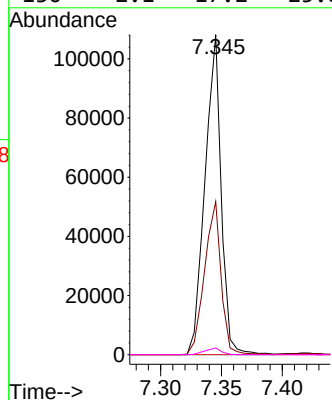
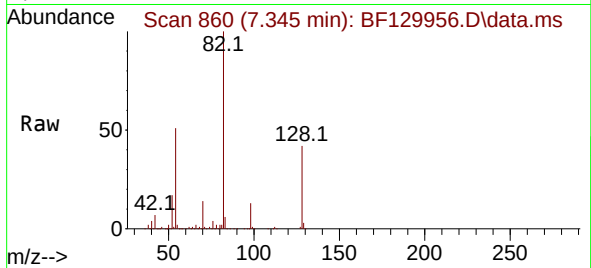




#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

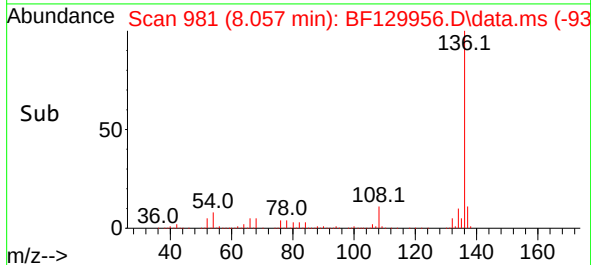
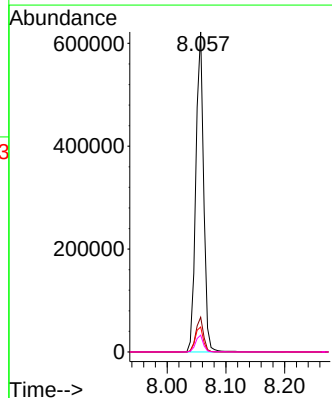
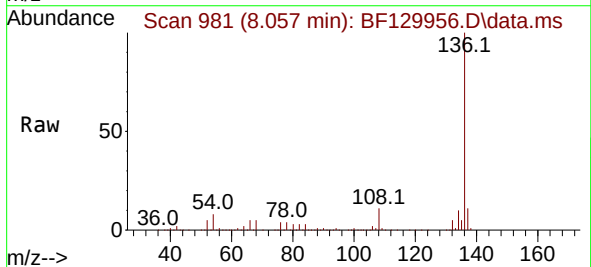
Instrument :
BNA_F
ClientSampleId :
UST-EAST

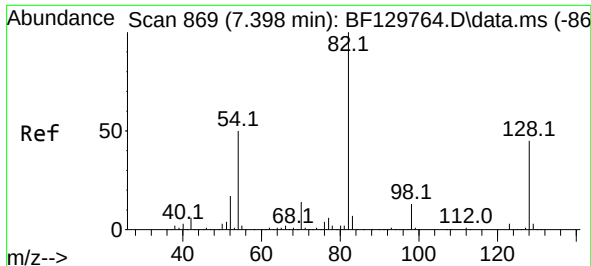
Tgt Ion: 70 Resp: 100228
Ion Ratio Lower Upper
70 100
42 47.9 47.6 71.4
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:136 Resp: 571217
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 6.2 9.2
68 5.3 4.2 6.4

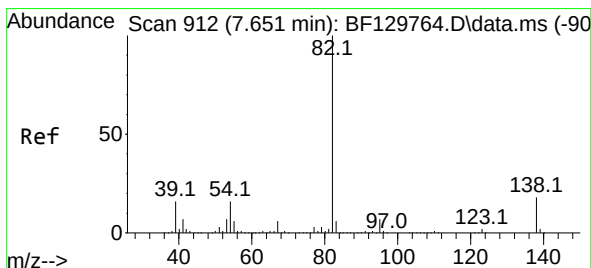
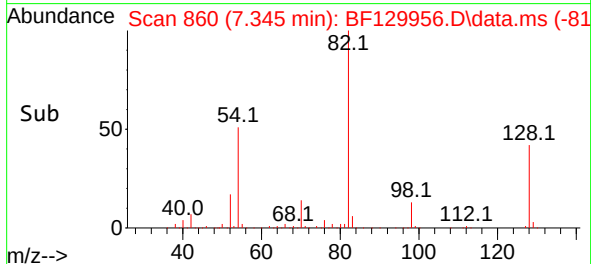
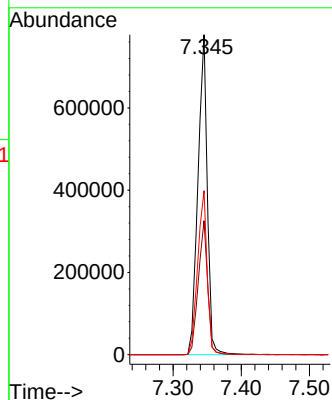
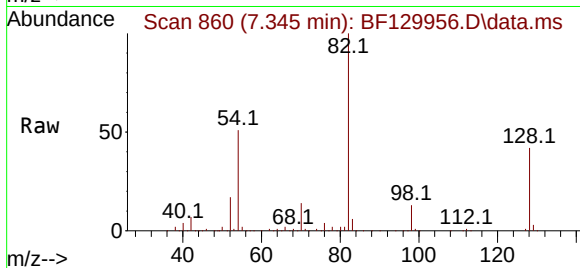




#23
Nitrobenzene-d5
Concen: 69.544 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

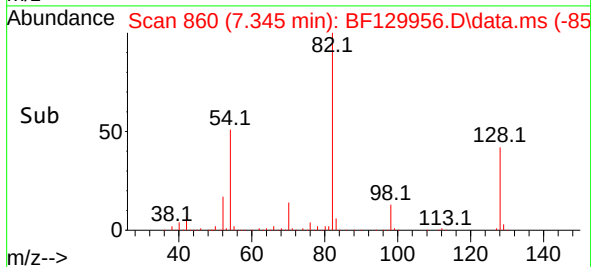
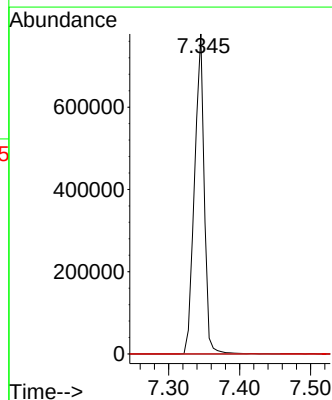
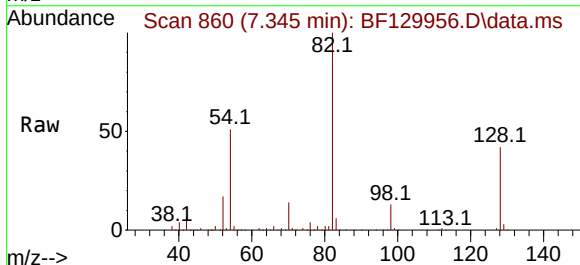
Instrument :
BNA_F
ClientSampleId :
UST-EAST

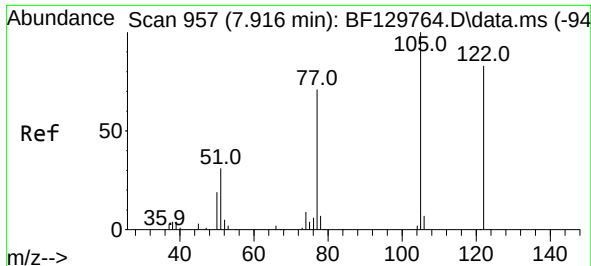
Tgt Ion: 82 Resp: 742076
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 51.3 40.0 60.0



#25
Isophorone
Concen: 40.405 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion: 82 Resp: 742069
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

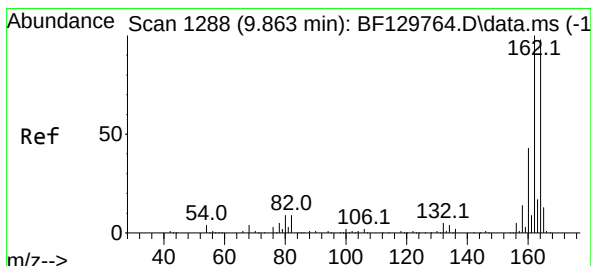
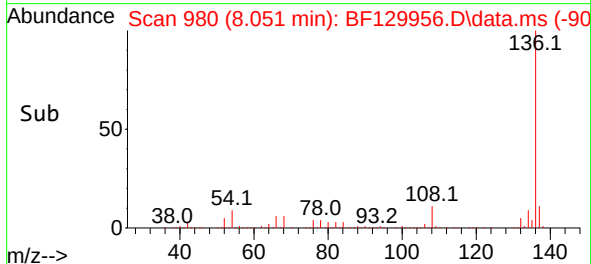
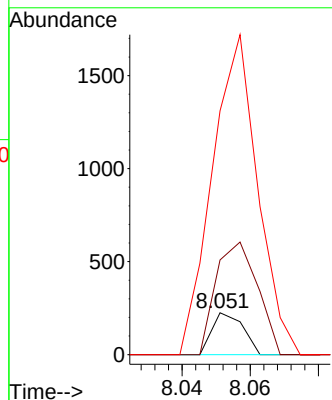
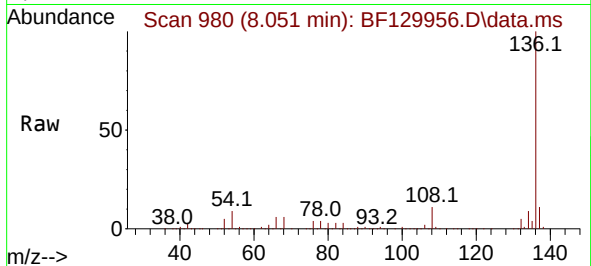




#32
Benzoic acid
Concen: 2.204 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

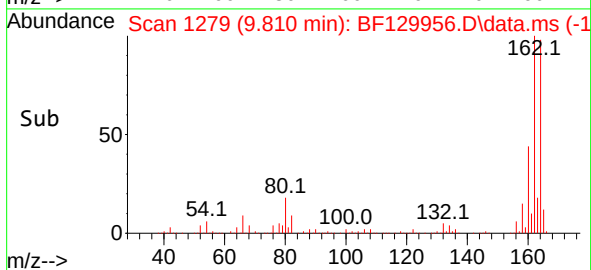
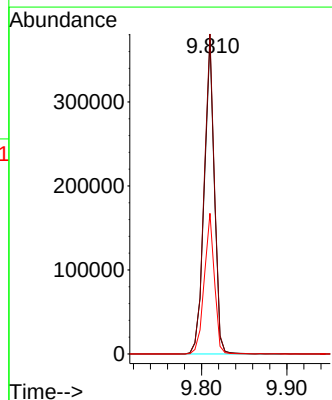
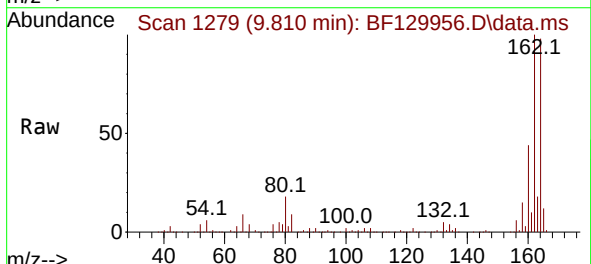
Instrument :
BNA_F
ClientSampleId :
UST-EAST

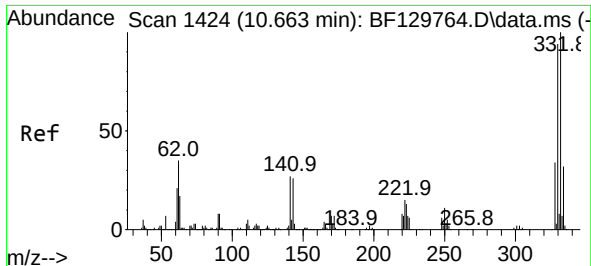
Tgt Ion:122 Resp: 142
Ion Ratio Lower Upper
122 100
105 226.2 99.9 139.9#
77 582.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:164 Resp: 309785
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 104.530 ng

RT: 10.610 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129956.D

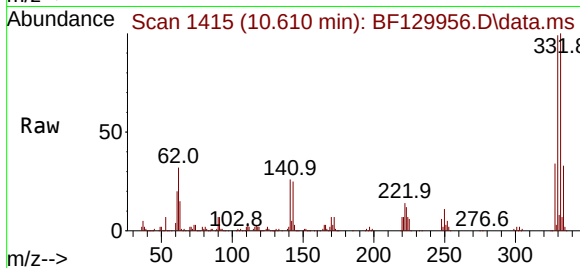
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Instrument :

BNA_F

ClientSampleId :

UST-EAST



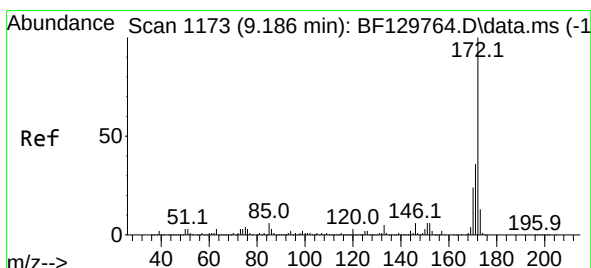
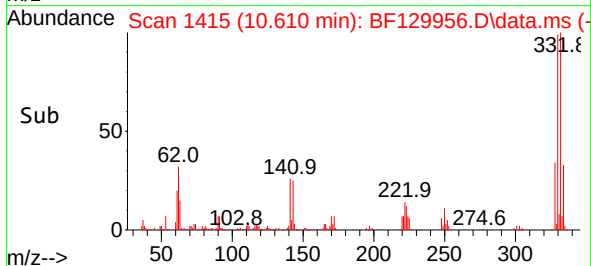
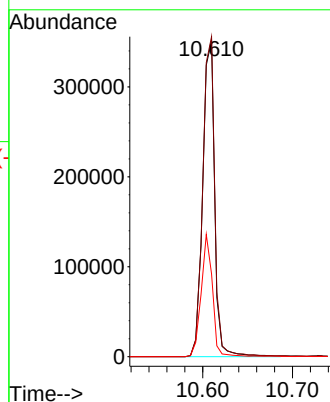
Tgt Ion:330 Resp: 325001

Ion Ratio Lower Upper

330 100

332 102.3 82.6 124.0

141 36.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.911 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129956.D

Acq: 23 Aug 2022 16:35

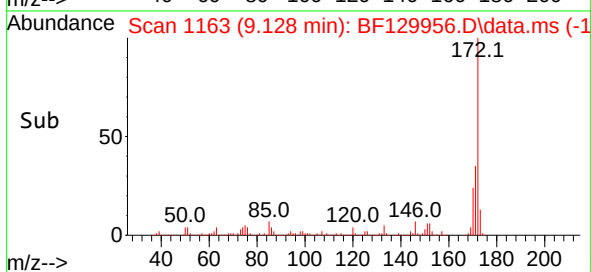
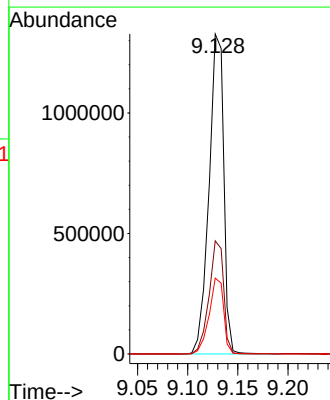
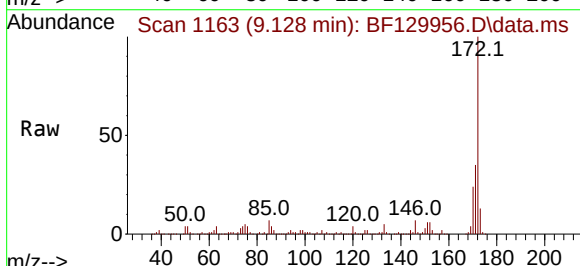
Tgt Ion:172 Resp: 1364749

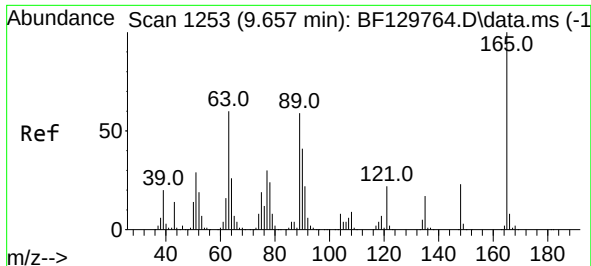
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.226 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129956.D

Acq: 23 Aug 2022 16:35

Instrument :

BNA_F

ClientSampleId :

UST-EAST

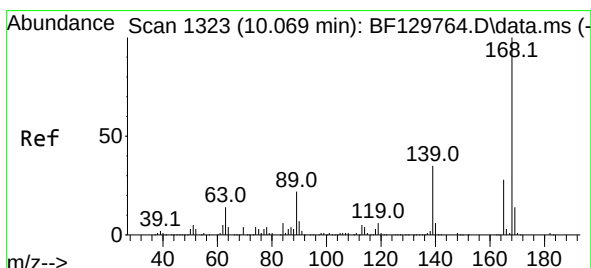
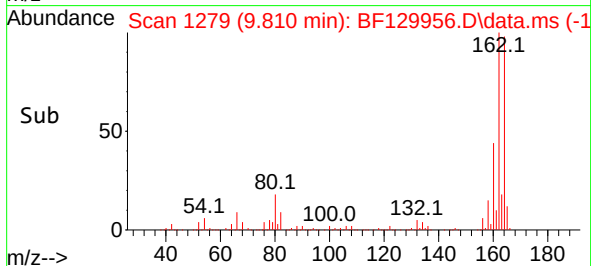
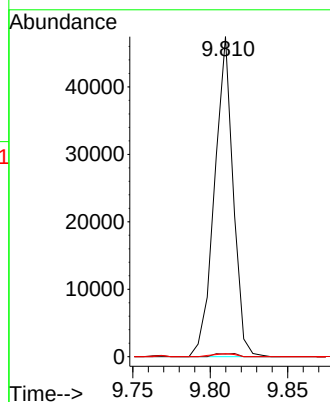
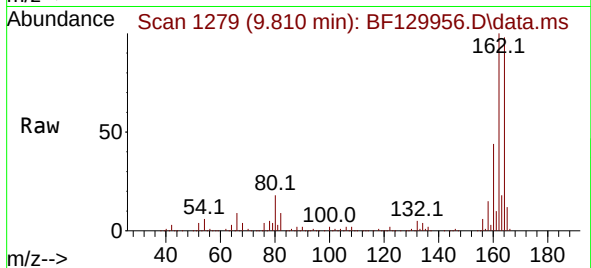
Tgt Ion:165 Resp: 39627

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.337 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129956.D

Acq: 23 Aug 2022 16:35

Tgt Ion:165 Resp: 39627

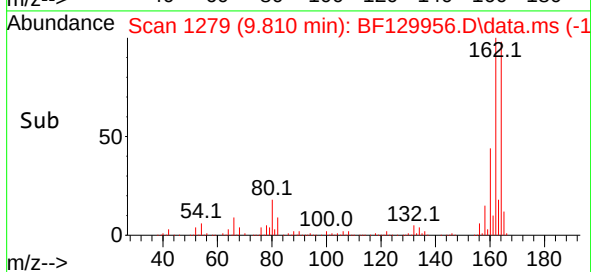
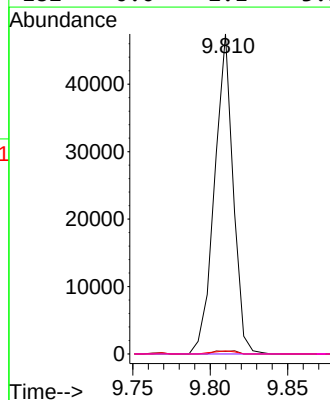
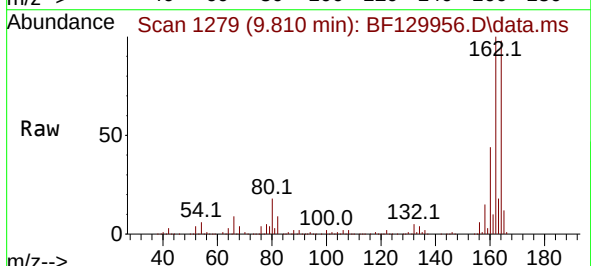
Ion Ratio Lower Upper

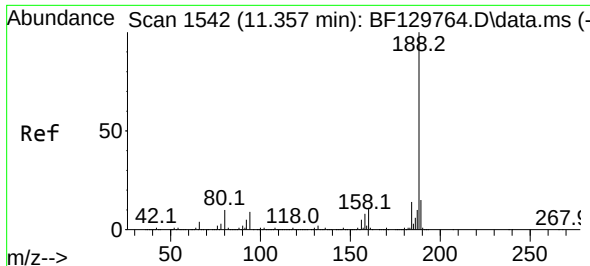
165 100

63 0.8 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

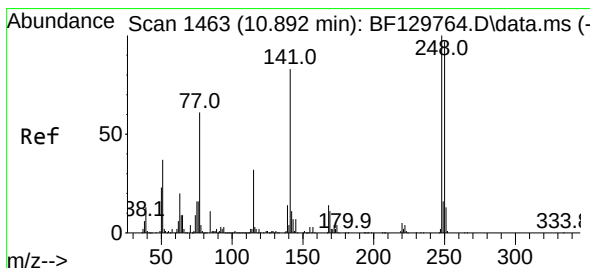
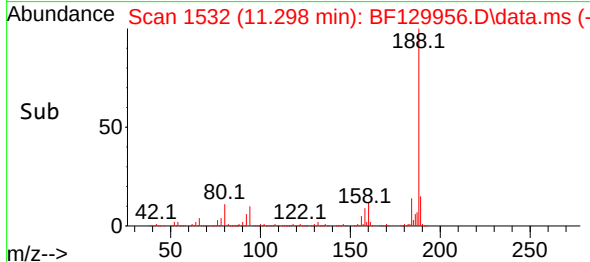
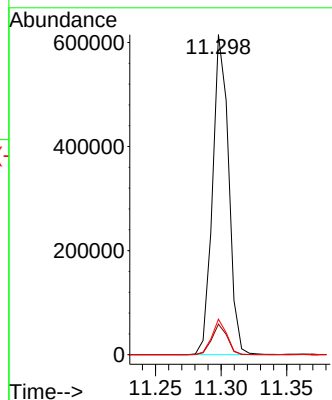
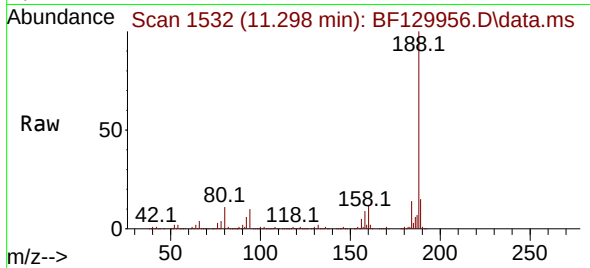




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

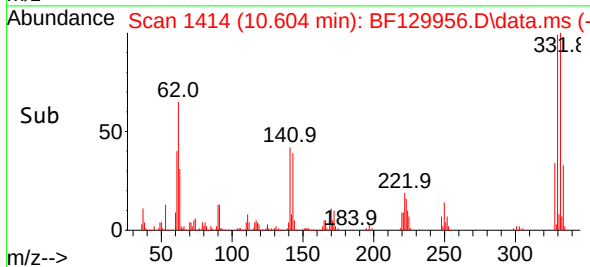
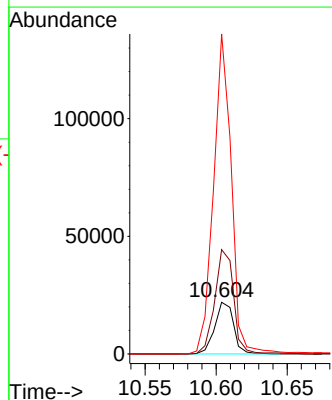
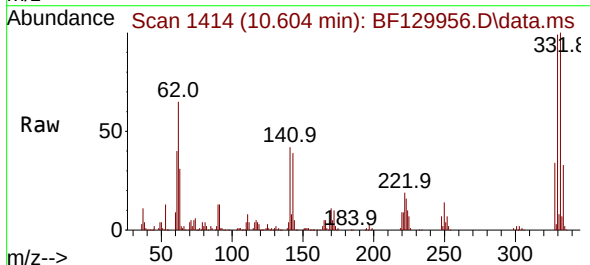
Instrument :
BNA_F
ClientSampleId :
UST-EAST

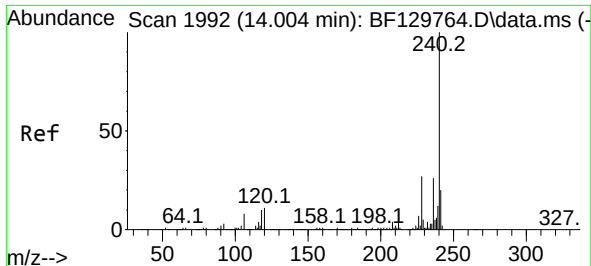
Tgt Ion:188 Resp: 525428
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.241 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:248 Resp: 20362
Ion Ratio Lower Upper
248 100
250 202.1 77.8 116.6#
141 619.8 66.2 99.2#

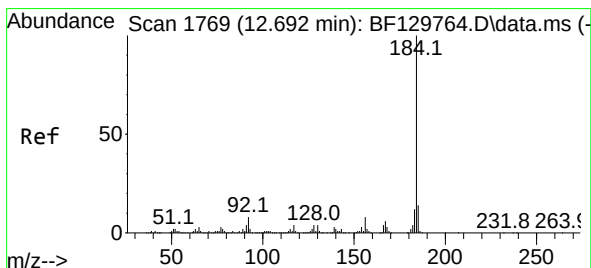
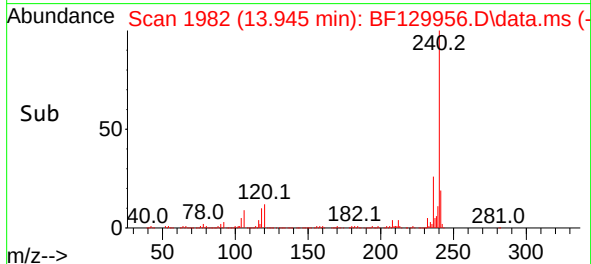
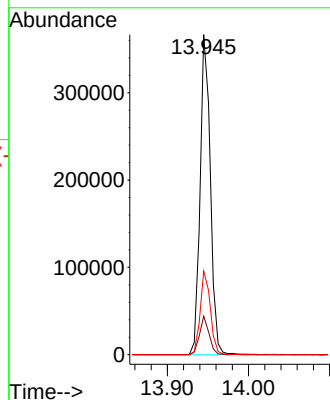
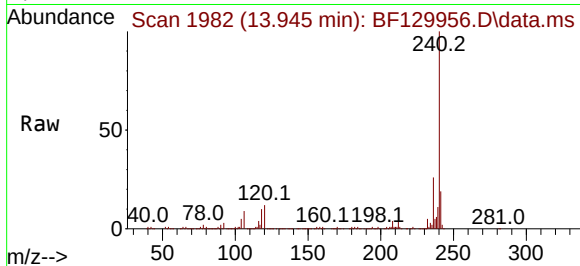




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

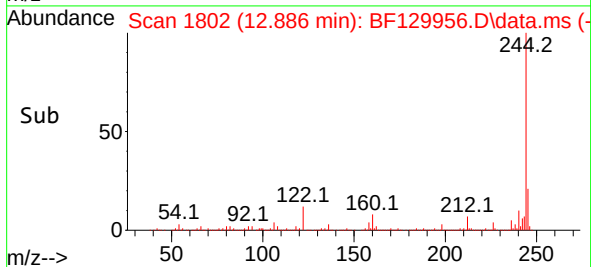
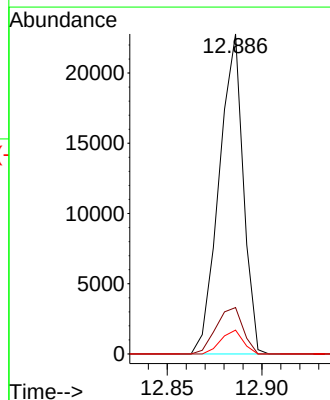
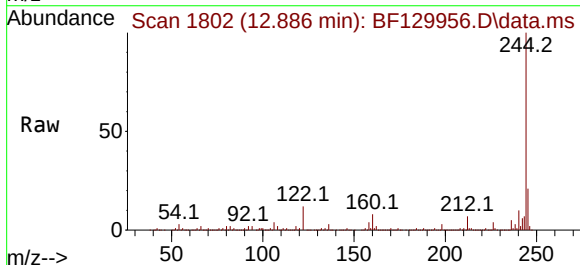
Instrument :
BNA_F
ClientSampleId :
UST-EAST

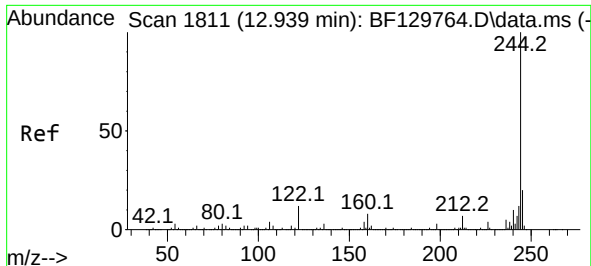
Tgt Ion:240 Resp: 321747
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.2 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1802
Delta R.T. 0.241 min
Lab File: BF129956.D
Acq: 23 Aug 2022 16:35

Tgt Ion:184 Resp: 20191
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 7.5 9.4 14.2#

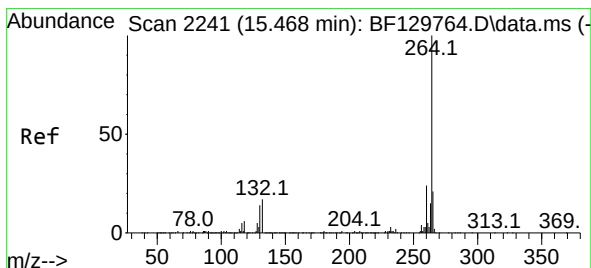
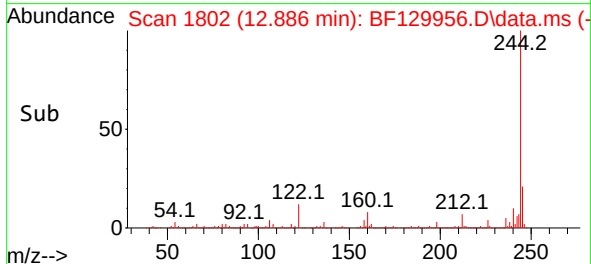
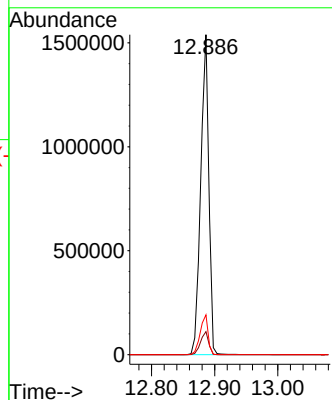
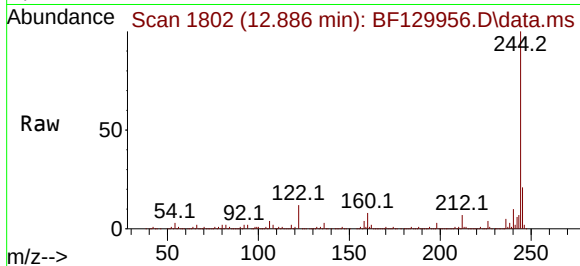




#79
 Terphenyl-d14
 Concen: 70.977 ng
 RT: 12.886 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129956.D
 Acq: 23 Aug 2022 16:35

Instrument :
 BNA_F
 ClientSampleId :
 UST-EAST

Tgt Ion:244 Resp: 1372443
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2229
 Delta R.T. -0.000 min
 Lab File: BF129956.D
 Acq: 23 Aug 2022 16:35

Tgt Ion:264 Resp: 227502
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.1 16.7 25.1

