

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132697.D
 Acq On : 08 Mar 2023 18:56
 Operator : CG\JU
 Sample : 01825-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 09 00:39:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

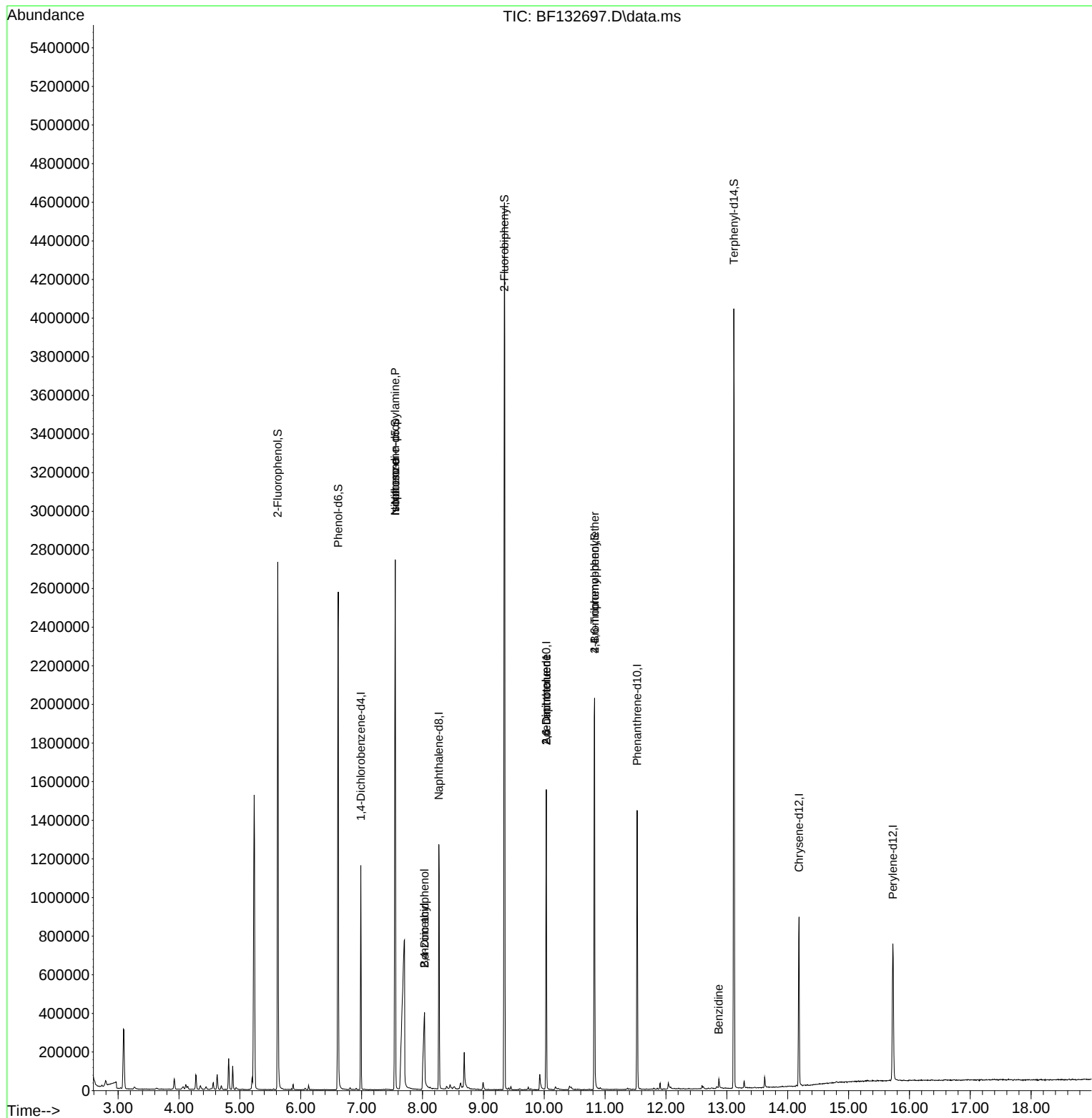
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	152843	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	557333	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	286576	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	510090	20.000	ng	0.00
76) Chrysene-d12	14.186	240	307998	20.000	ng	-0.01
86) Perylene-d12	15.727	264	366179	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	777845	82.596	ng	0.00
7) Phenol-d6	6.616	99	950993	77.375	ng	0.00
23) Nitrobenzene-d5	7.551	82	904281	76.979	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	256786	82.971	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1443077	76.675	ng	-0.01
79) Terphenyl-d14	13.115	244	1498450	82.257	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	118230	15.630	ng	# 75
25) Isophorone	7.551	82	904272	40.151	ng	# 67
27) 2,4-Dimethylphenol	8.033	122	156690	17.910	ng	# 2
32) Benzoic acid	8.033	122	156690	24.748	ng	94
51) 2,6-Dinitrotoluene	10.033	165	36753	7.734	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	36753	5.813	ng	# 21
67) 4-Bromophenyl-phenylether	10.827	248	16491	2.858	ng	# 1
77) Benzidine	12.868	184	22137	2.953	ng	97

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

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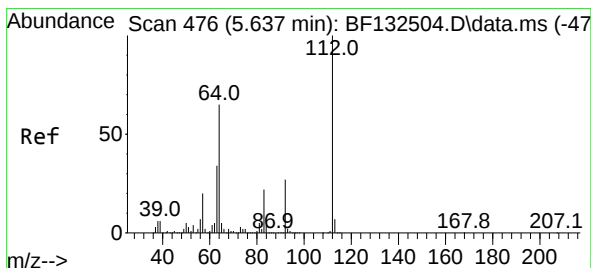
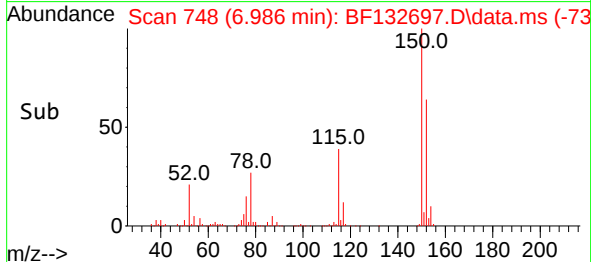
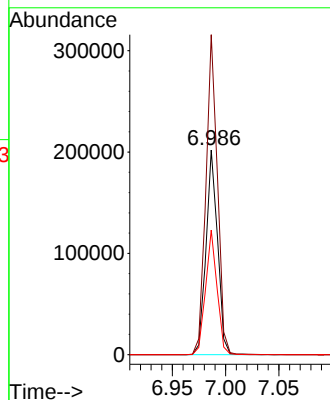
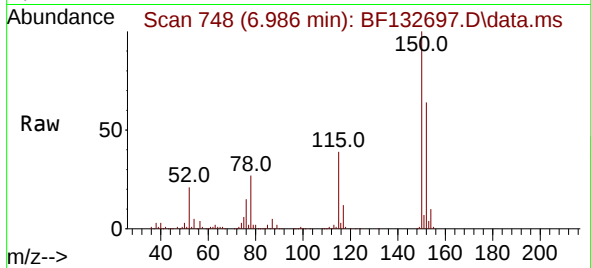




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 710
Delta R.T. -0.007 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

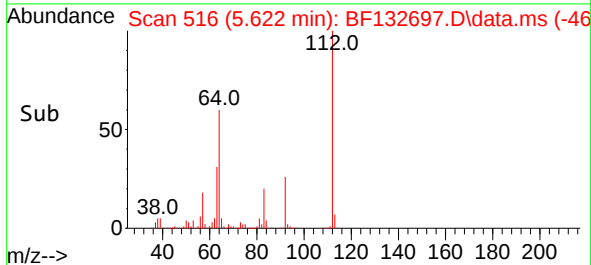
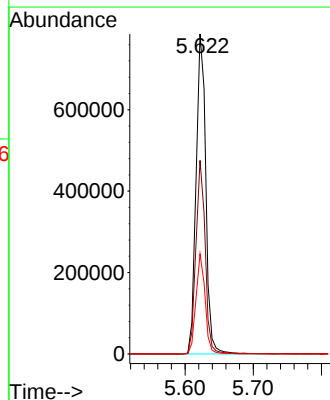
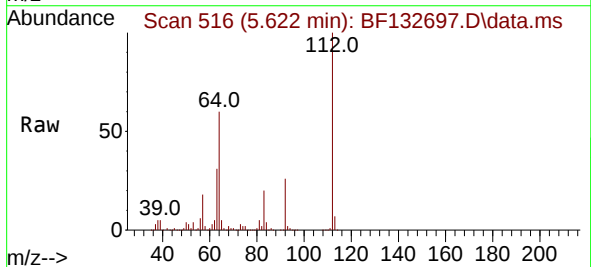
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

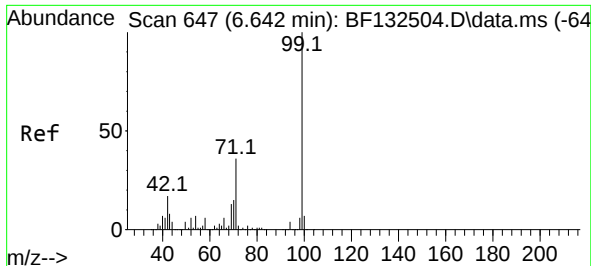
Tgt Ion:152 Resp: 152843
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 82.596 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:112 Resp: 777845
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 31.3 27.4 41.2

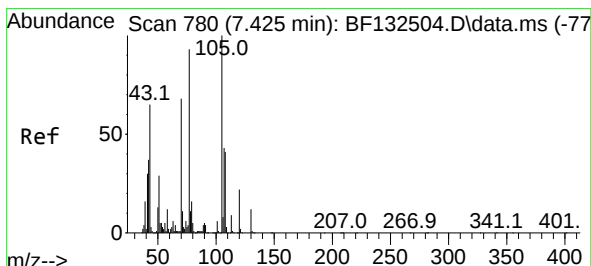
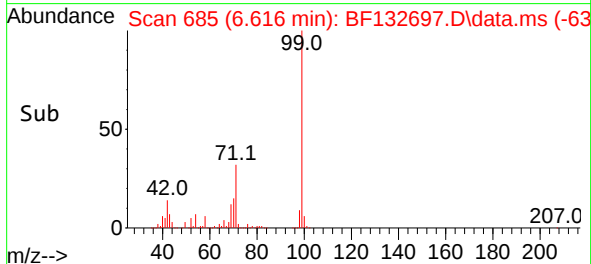
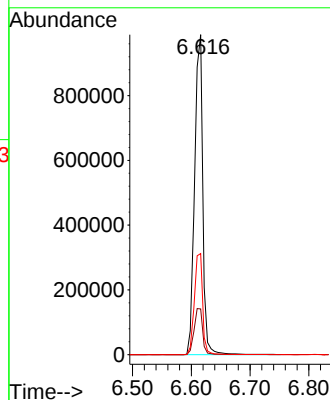
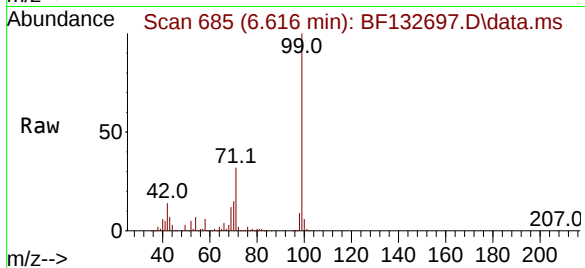




#7
Phenol-d6
Concen: 77.375 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

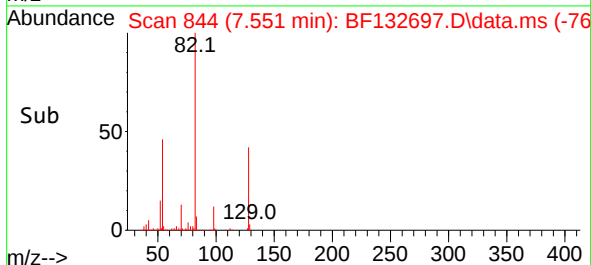
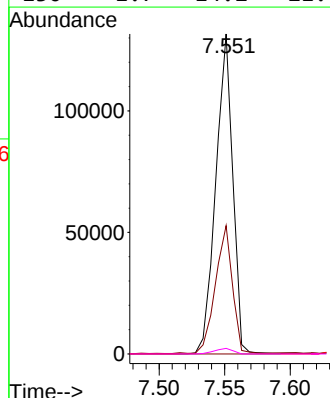
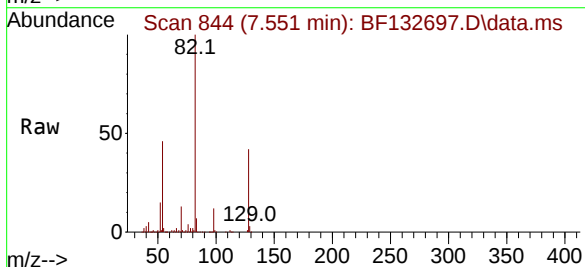
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

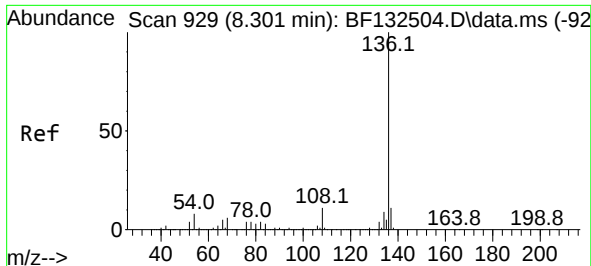
Tgt Ion: 99 Resp: 950993
Ion Ratio Lower Upper
99 100
42 14.3 13.9 20.9
71 31.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion: 70 Resp: 118230
Ion Ratio Lower Upper
70 100
42 40.1 44.1 66.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#

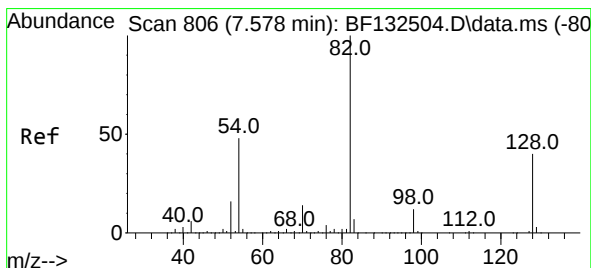
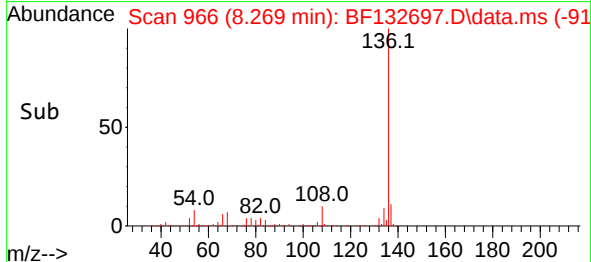
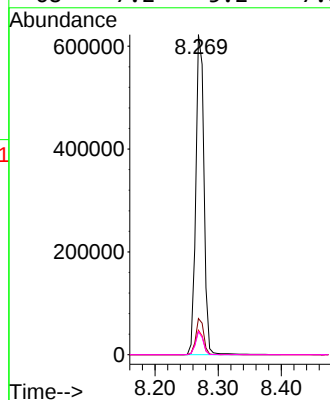
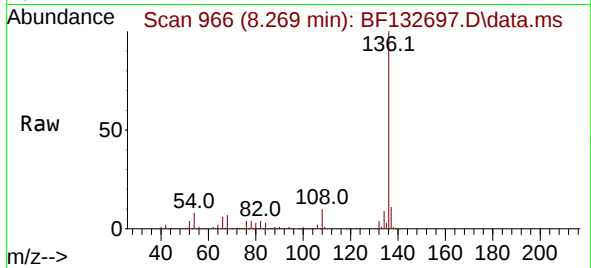




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

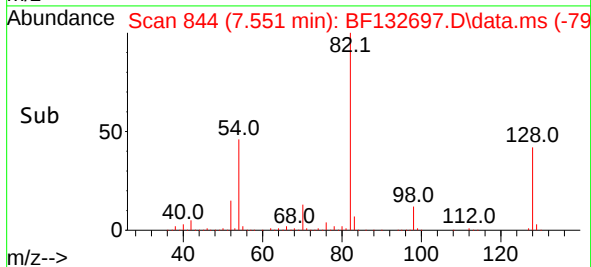
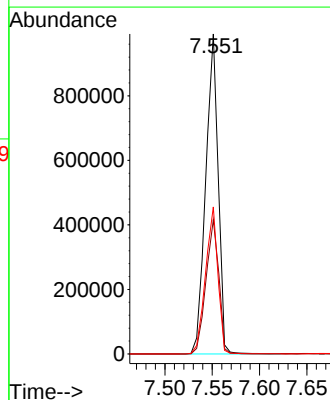
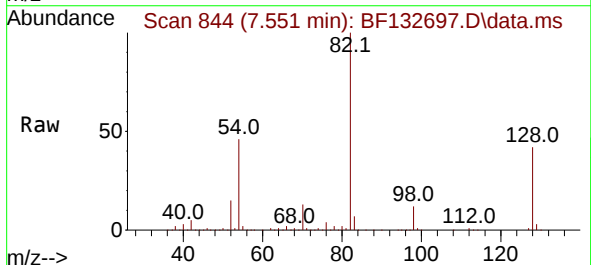
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

Tgt Ion:136 Resp: 557333
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.2 9.4
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.979 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion: 82 Resp: 904281
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 45.9 38.4 57.6

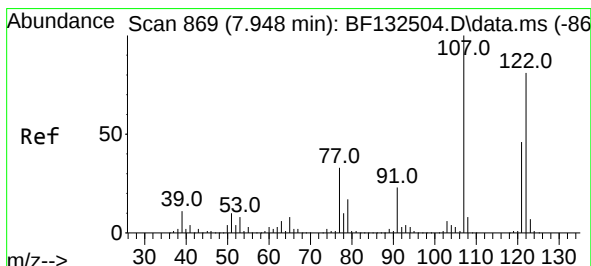
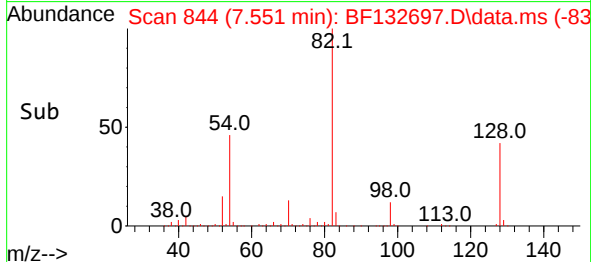
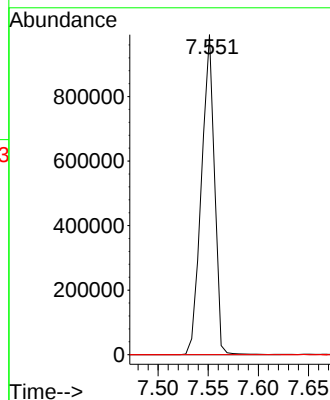
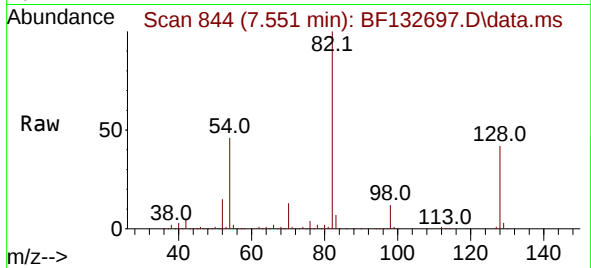




#25
Isophorone
Concen: 40.151 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

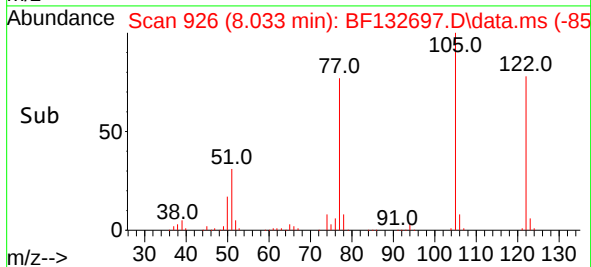
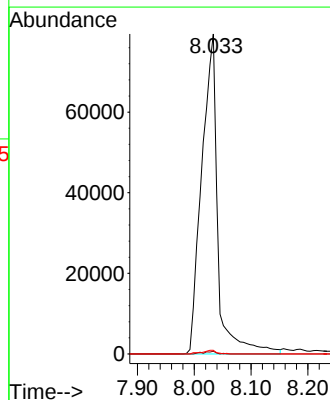
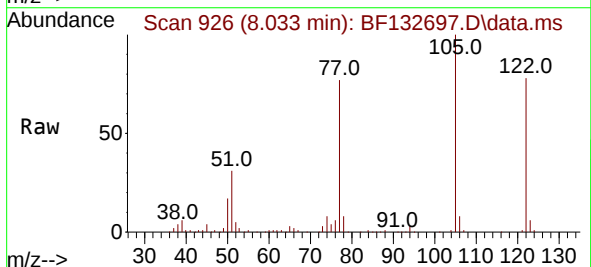
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

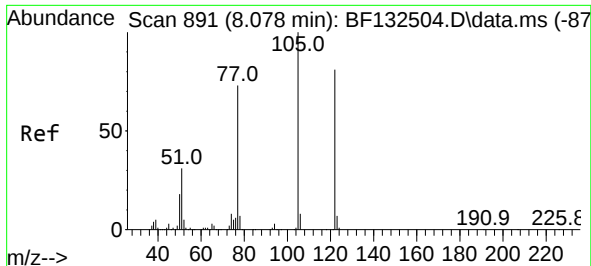
Tgt Ion: 82 Resp: 904272
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#27
2,4-Dimethylphenol
Concen: 17.910 ng
RT: 8.033 min Scan# 926
Delta R.T. 0.106 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion: 122 Resp: 156690
Ion Ratio Lower Upper
122 100
107 0.8 98.7 148.1#
121 1.2 45.8 68.6#

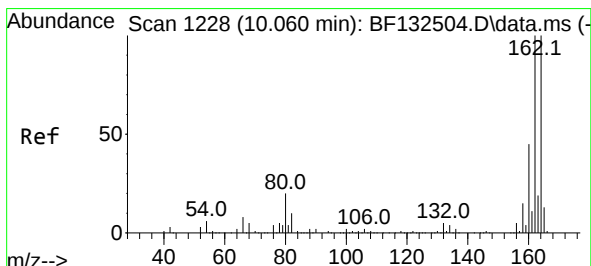
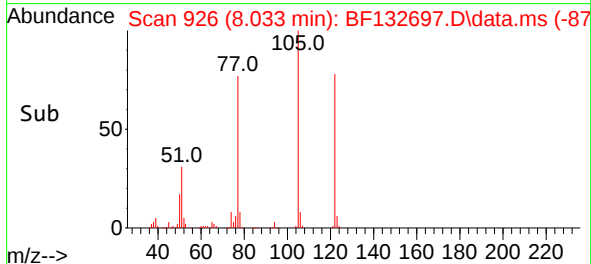
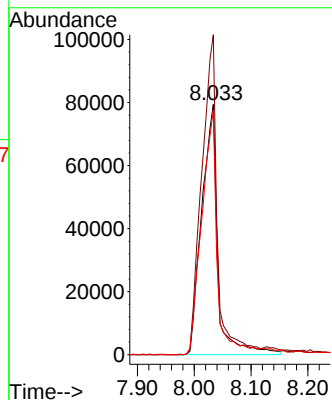
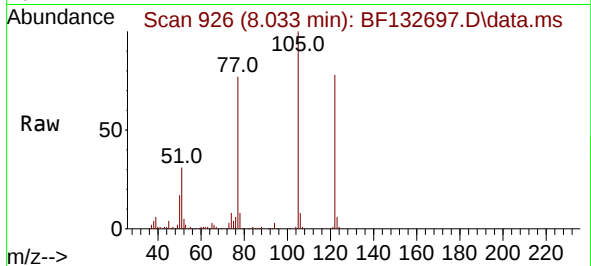




#32
Benzoic acid
Concen: 24.748 ng
RT: 8.033 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

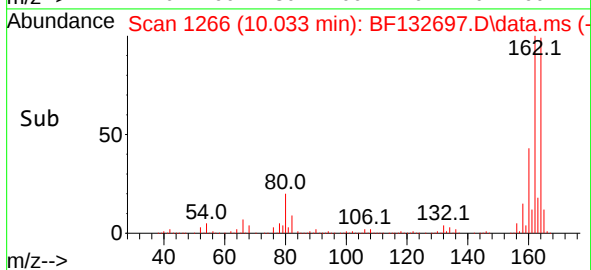
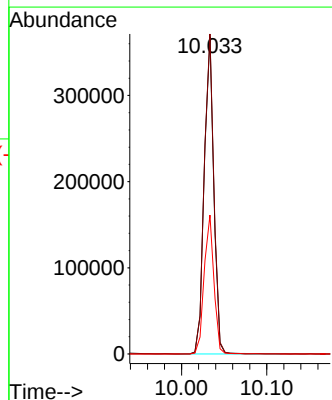
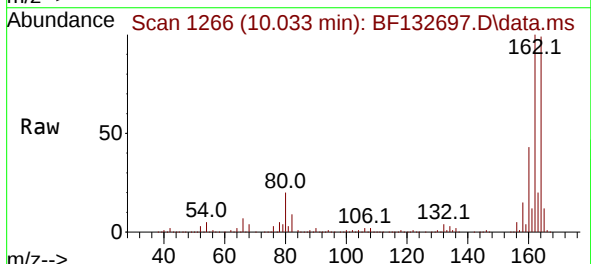
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ClientSampleId :
HH-TP3-0306

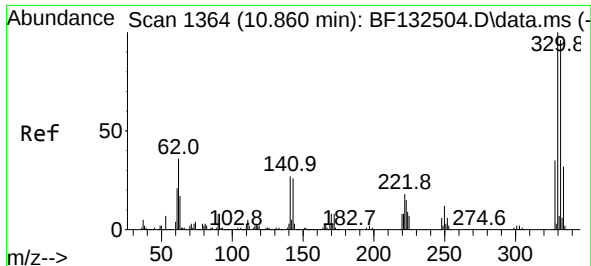
Tgt Ion:122 Resp: 156690
Ion Ratio Lower Upper
122 100
105 127.9 102.6 142.6
77 97.8 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:164 Resp: 286576
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 43.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 82.971 ng

RT: 10.827 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

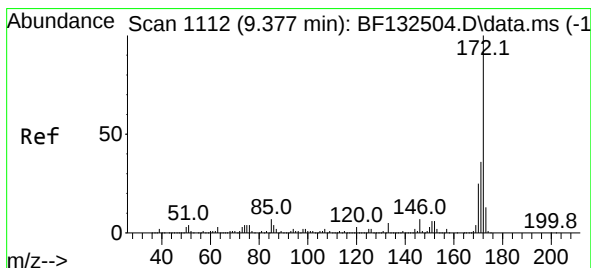
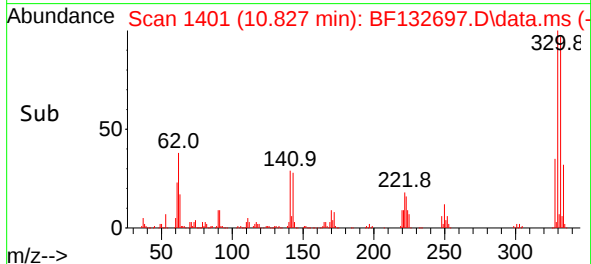
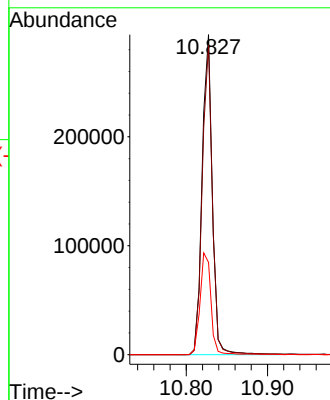
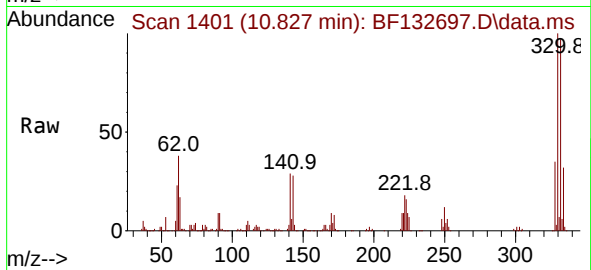
Tgt Ion:330 Resp: 256786

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 34.1 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 76.675 ng

RT: 9.345 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF132697.D

Acq: 08 Mar 2023 18:56

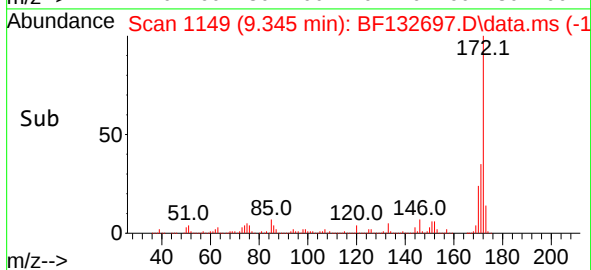
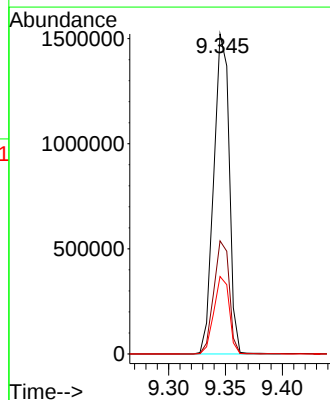
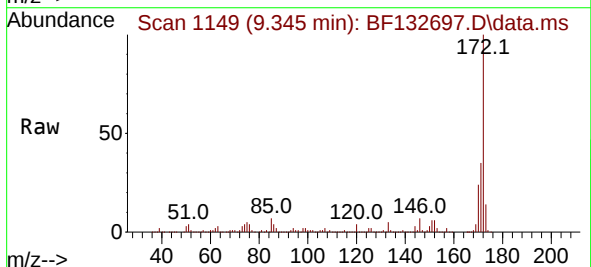
Tgt Ion:172 Resp: 1443077

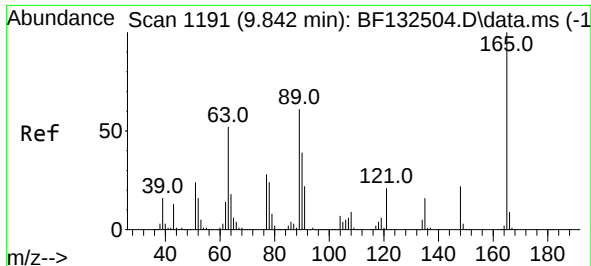
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.2 19.7 29.5

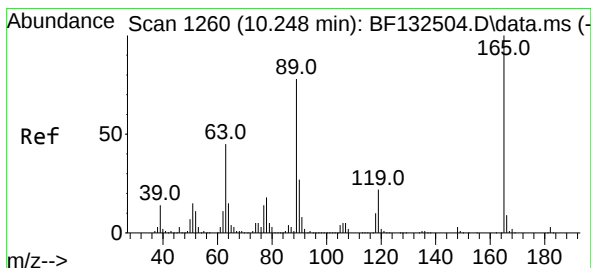
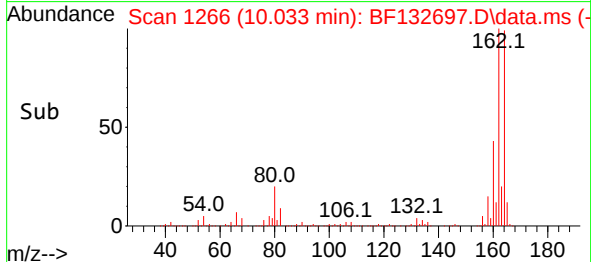
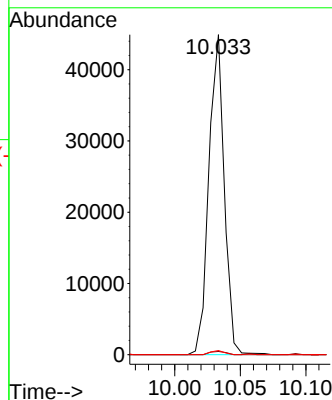
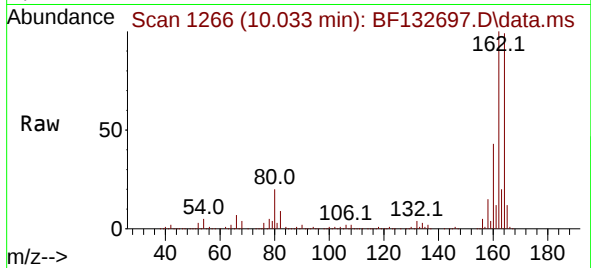




#51
2,6-Dinitrotoluene
Concen: 7.734 ng
RT: 10.033 min Scan# 1191
Delta R.T. 0.212 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

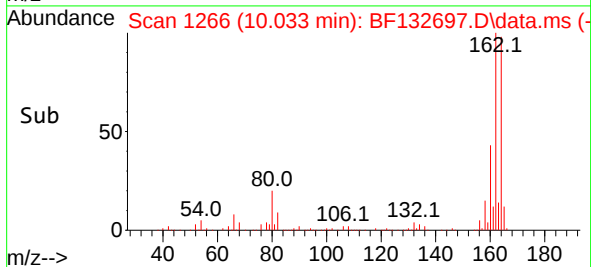
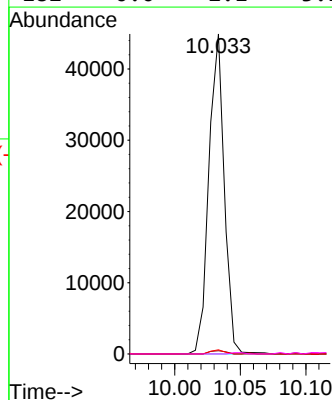
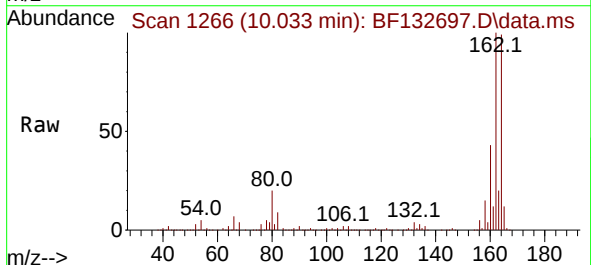
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

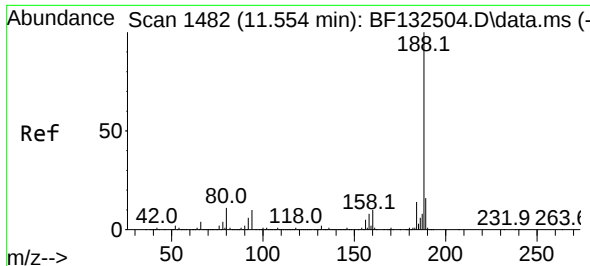
Tgt Ion:165 Resp: 36753
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.3 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.194 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:165 Resp: 36753
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

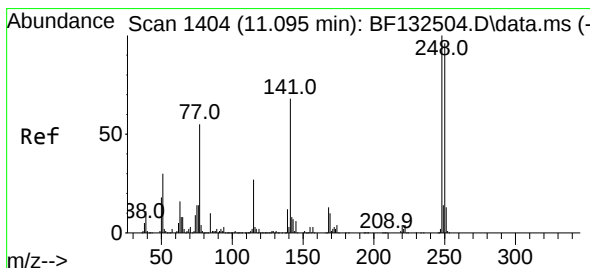
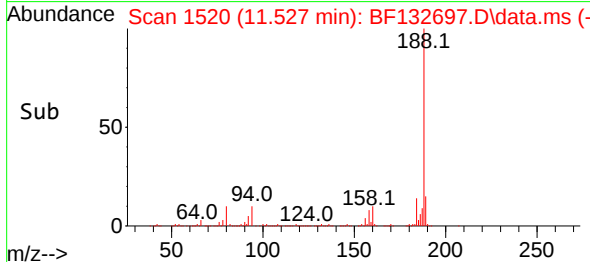
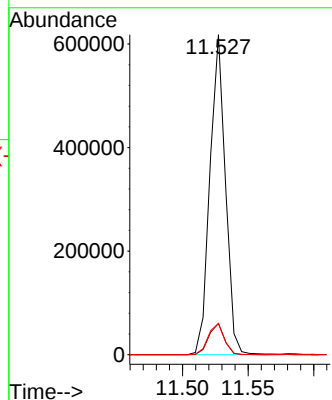
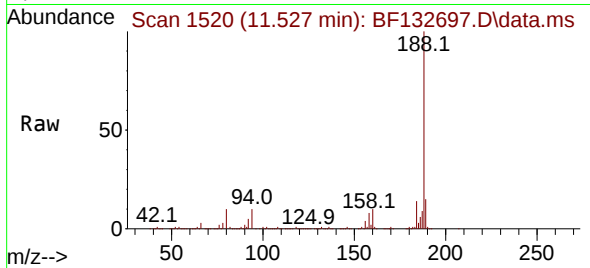




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

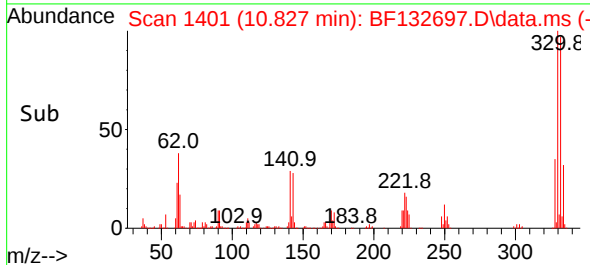
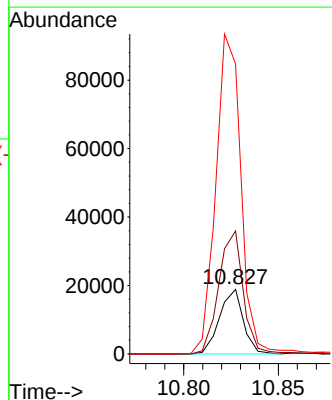
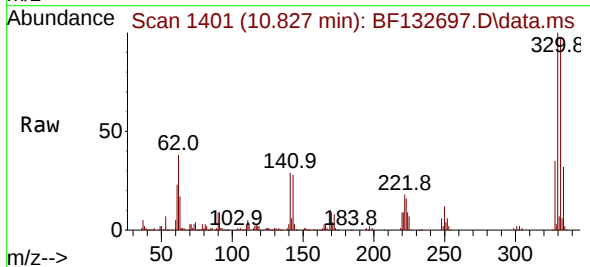
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

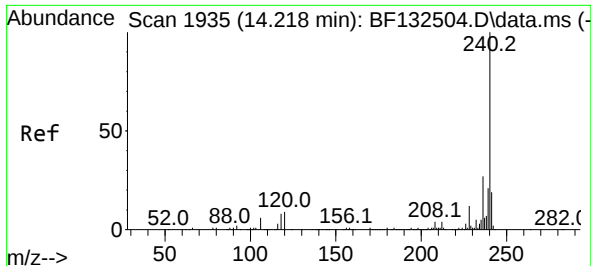
Tgt Ion:188 Resp: 510090
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 9.7 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:248 Resp: 16491
Ion Ratio Lower Upper
248 100
250 190.3 77.0 115.4#
141 448.2 54.2 81.2#

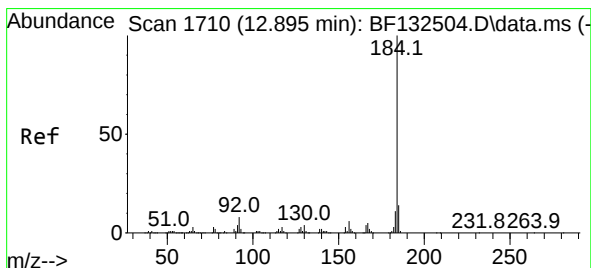
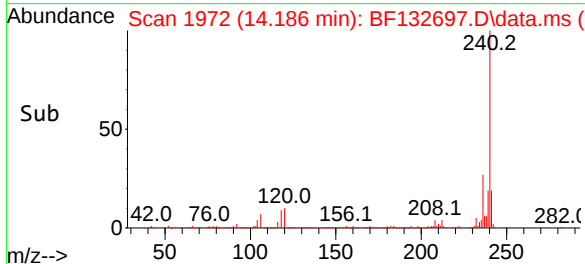
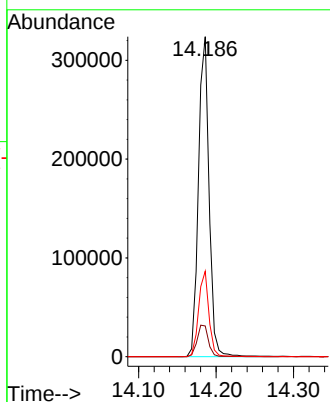
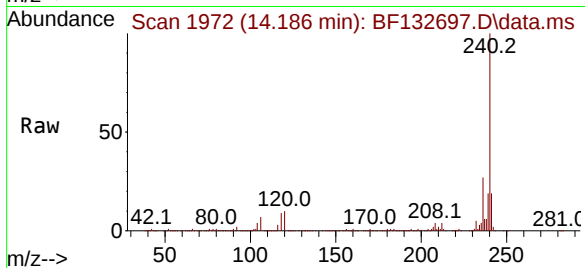




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

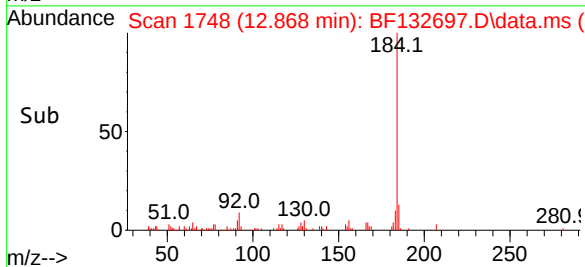
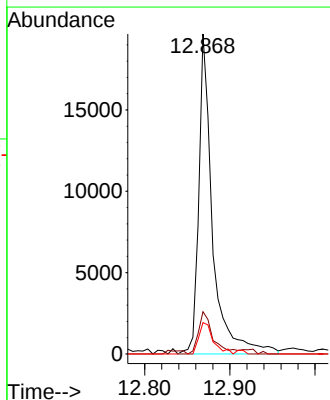
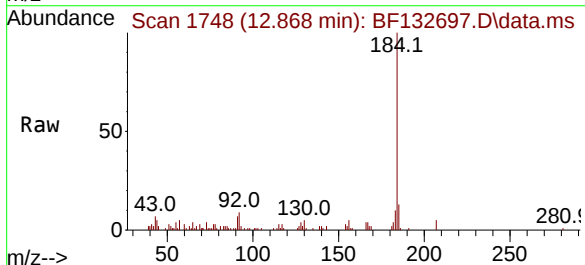
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

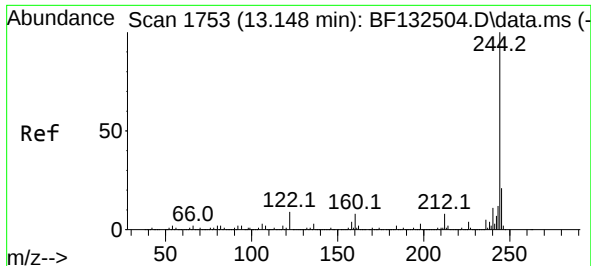
Tgt Ion:240 Resp: 307998
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.7 21.8 32.6



#77
Benzidine
Concen: 2.953 ng
RT: 12.868 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF132697.D
Acq: 08 Mar 2023 18:56

Tgt Ion:184 Resp: 22137
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 9.8 8.7 13.1

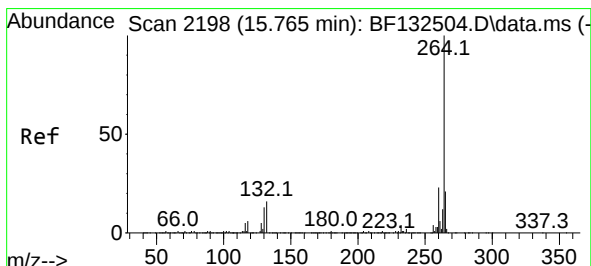
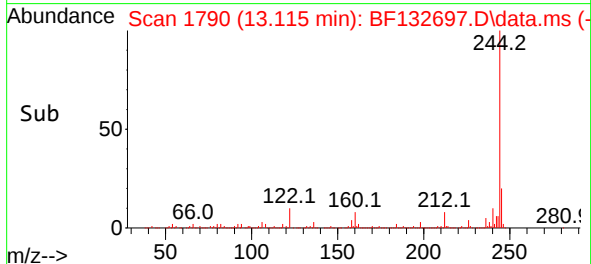
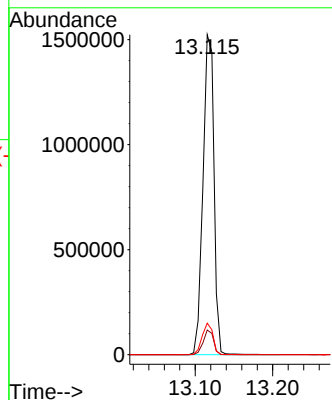
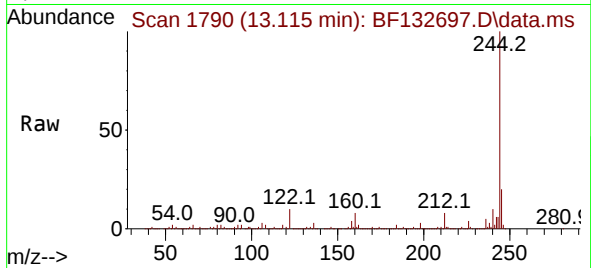




#79
 Terphenyl-d14
 Concen: 82.257 ng
 RT: 13.115 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132697.D
 Acq: 08 Mar 2023 18:56

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Tgt Ion:244 Resp: 1498450
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2234
 Delta R.T. -0.012 min
 Lab File: BF132697.D
 Acq: 08 Mar 2023 18:56

Tgt Ion:264 Resp: 366179
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.7 17.1 25.7

