

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130175.D
 Acq On : 08 Sep 2022 10:39
 Operator : CG\JU
 Sample : PB147456TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147456TB

Quant Time: Sep 09 01:02:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

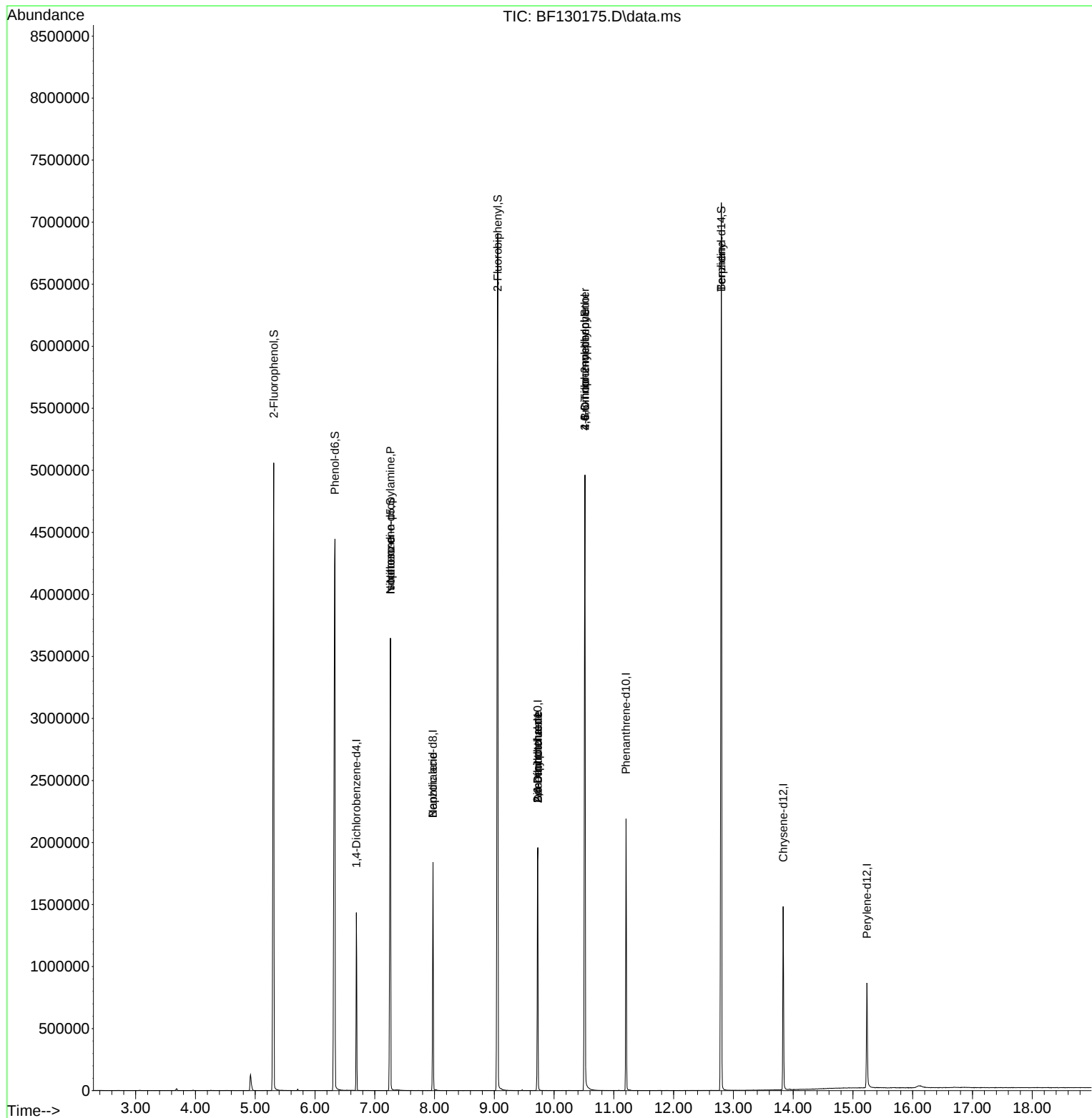
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	199839	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	794666	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	433637	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	730989	20.000	ng	0.00
76) Chrysene-d12	13.833	240	491755	20.000	ng	-0.01
86) Perylene-d12	15.233	264	370563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1794761	152.467	ng	0.01
7) Phenol-d6	6.334	99	2236240	152.377	ng	0.00
23) Nitrobenzene-d5	7.263	82	1354809	109.566	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	710603	180.022	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2453877	93.821	ng	0.00
79) Terphenyl-d14	12.798	244	2846474	100.378	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	175073	19.802	ng	# 72
25) Isophorone	7.263	82	1346038	53.783	ng	# 65
32) Benzoic acid	7.975	122	153	6.588	ng	# 1
50) Dimethylphthalate	9.728	163	80250	2.717	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	55246	9.594	ng	# 22
57) 2,4-Dinitrotoluene	9.728	165	55246	8.333	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	1679	6.506	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	40534	4.985	ng	# 1
77) Benzidine	12.798	184	37858	2.851	ng	# 93

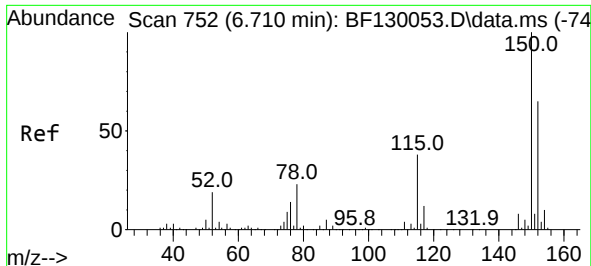
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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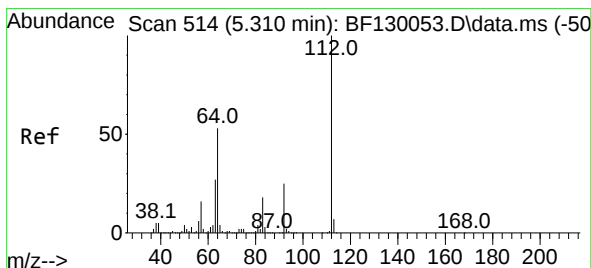
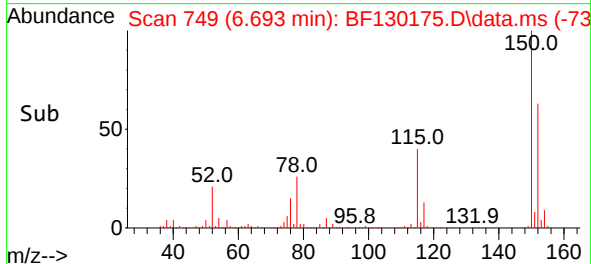
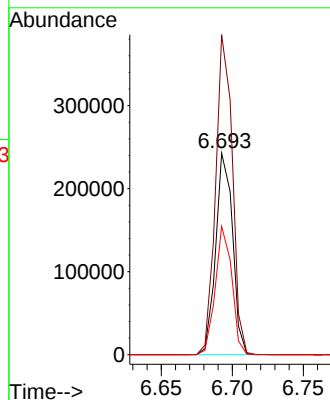
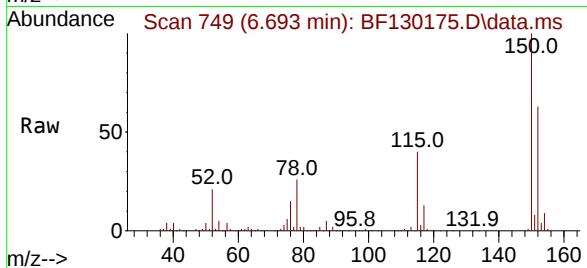




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130175.D
 Acq: 08 Sep 2022 10:39

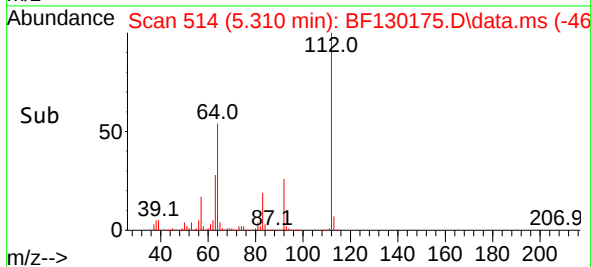
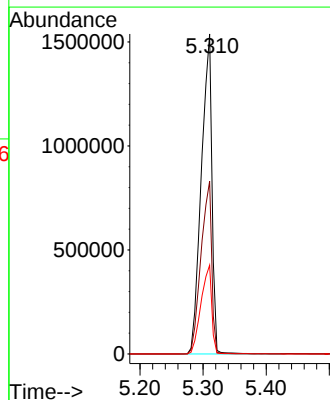
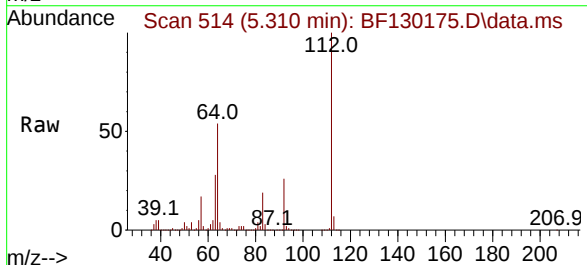
Instrument :
 BNA_F
 ClientSampleId :
 PB147456TB

Tgt Ion:152 Resp: 199839
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.9 190.3
 115 63.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 152.467 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130175.D
 Acq: 08 Sep 2022 10:39

Tgt Ion:112 Resp: 1794761
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.6 71.4
 63 27.7 24.6 37.0

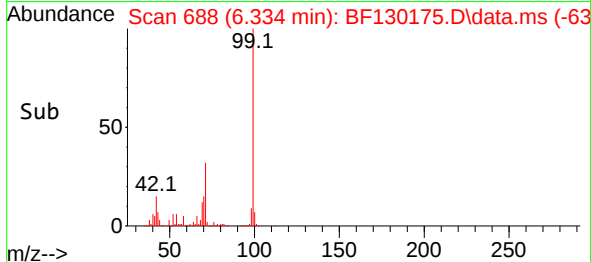
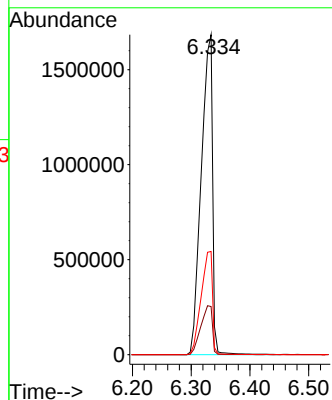
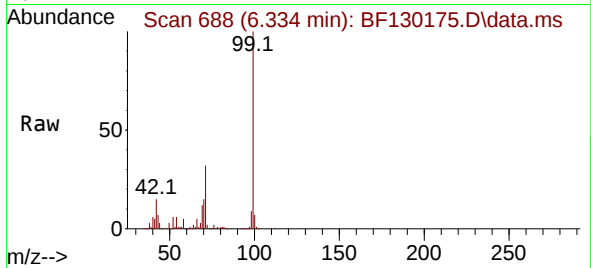




#7
Phenol-d6
Concen: 152.377 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

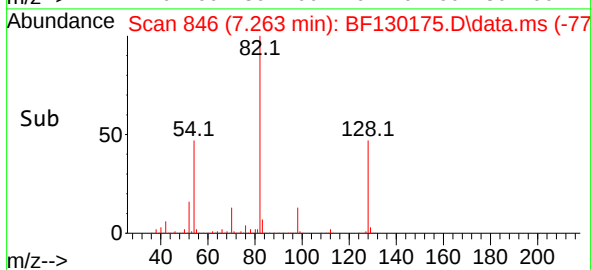
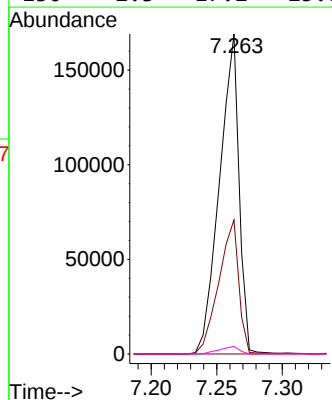
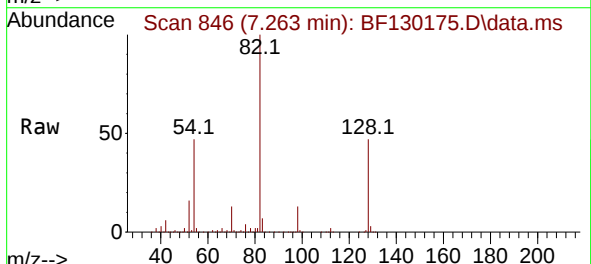
Instrument :
BNA_F
ClientSampleId :
PB147456TB

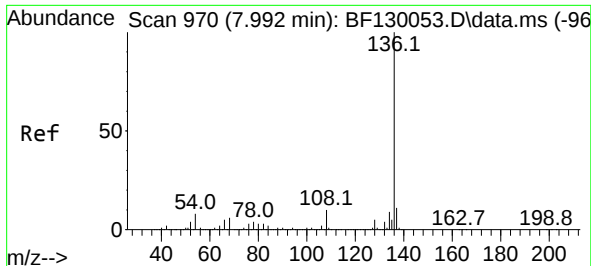
Tgt Ion: 99 Resp: 2236240
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 32.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.802 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion: 70 Resp: 175073
Ion Ratio Lower Upper
70 100
42 41.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

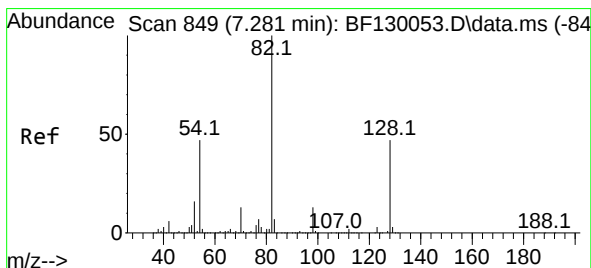
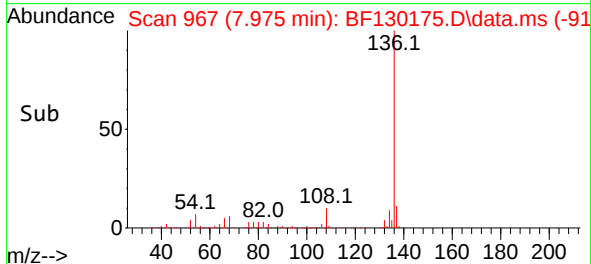
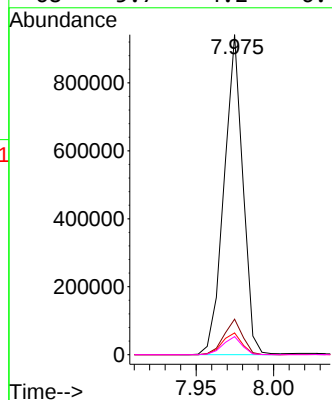
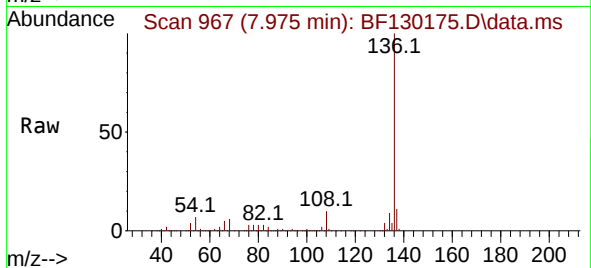




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

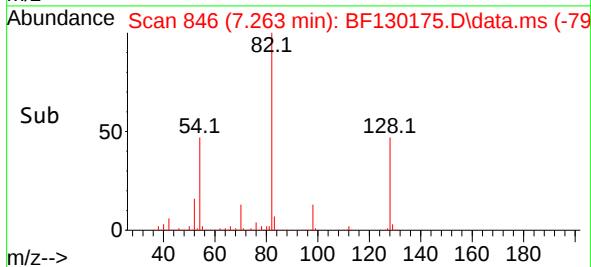
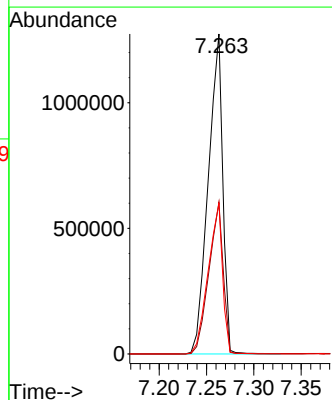
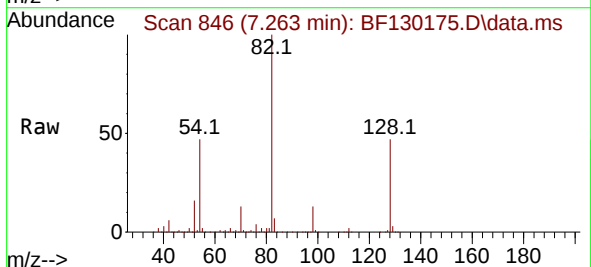
Instrument :
BNA_F
ClientSampleId :
PB147456TB

Tgt Ion:136 Resp: 794666
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 6.2 9.2
68 5.7 4.2 6.4



#23
Nitrobenzene-d5
Concen: 109.566 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion: 82 Resp: 1354809
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 47.1 40.0 60.0

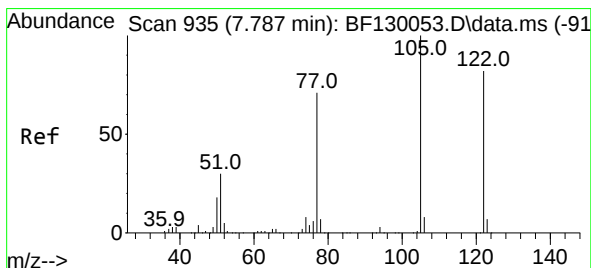
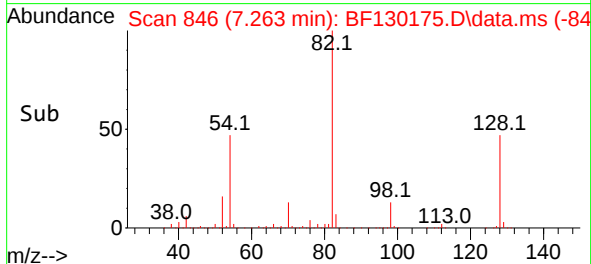
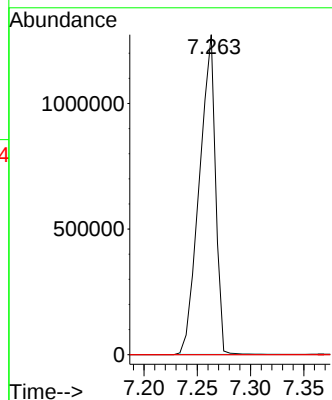
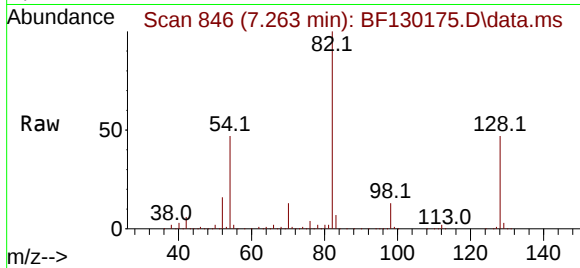




#25
Isophorone
Concen: 53.783 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

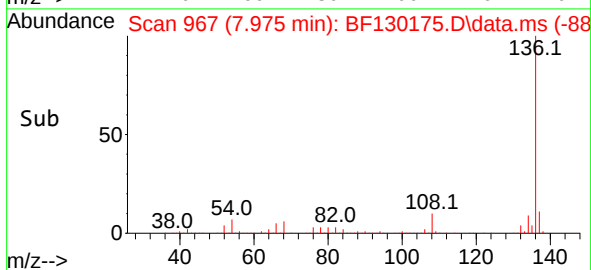
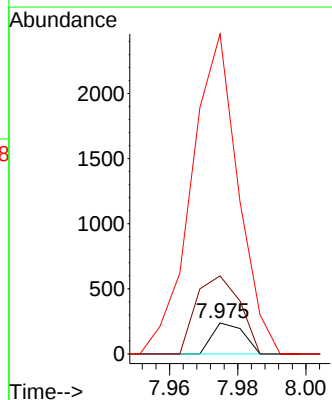
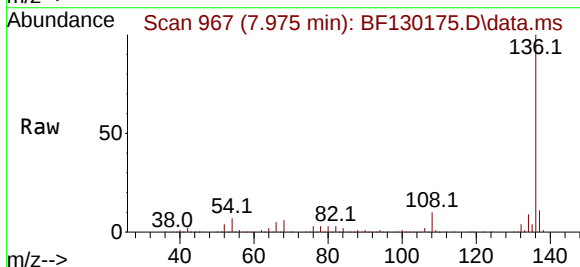
Instrument :
BNA_F
ClientSampleId :
PB147456TB

Tgt Ion: 82 Resp: 1346038
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.588 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
105 251.7 99.9 139.9#
77 1032.4 65.9 105.9#

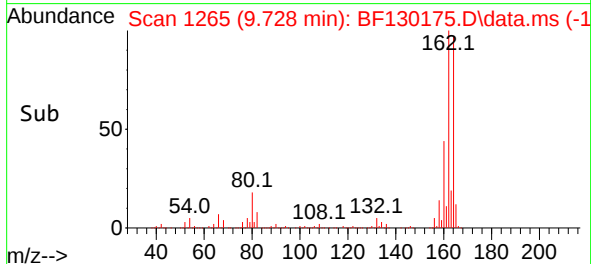
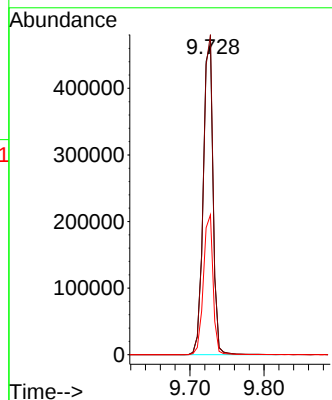
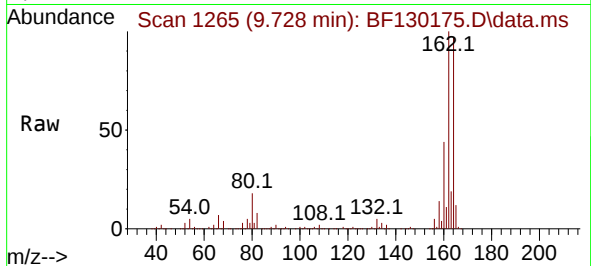




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

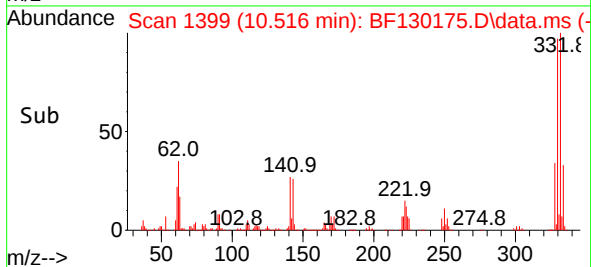
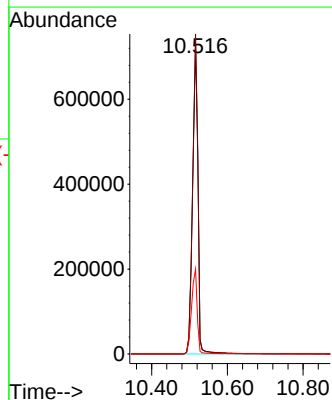
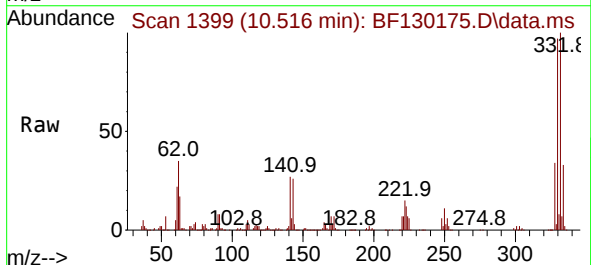
Instrument :
BNA_F
ClientSampleId :
PB147456TB

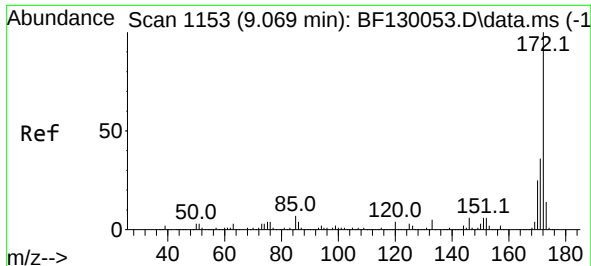
Tgt Ion:164 Resp: 433637
Ion Ratio Lower Upper
164 100
162 102.6 82.0 123.0
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 180.022 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion:330 Resp: 710603
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 29.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 93.821 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130175.D

Acq: 08 Sep 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB147456TB

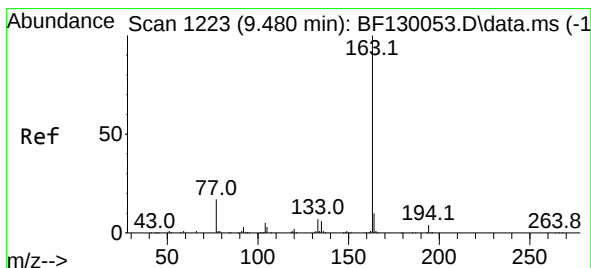
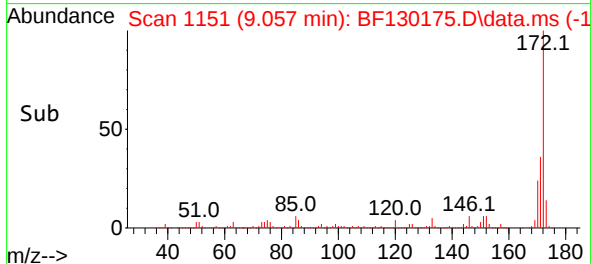
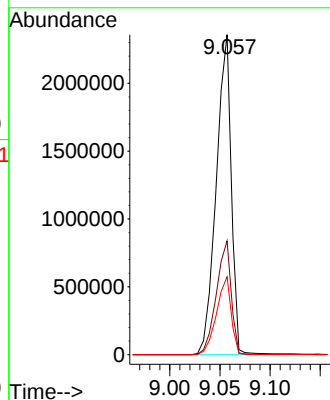
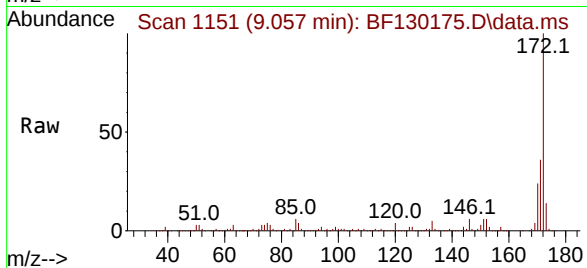
Tgt Ion:172 Resp: 2453877

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.717 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130175.D

Acq: 08 Sep 2022 10:39

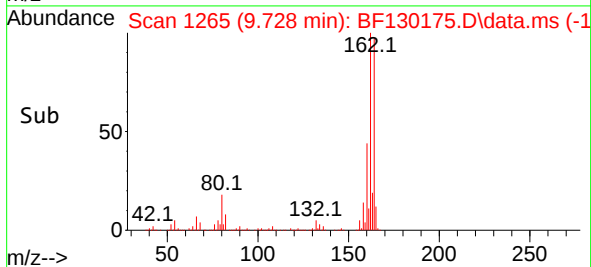
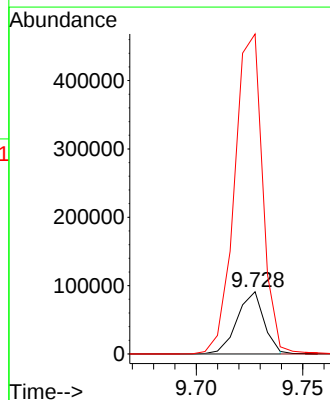
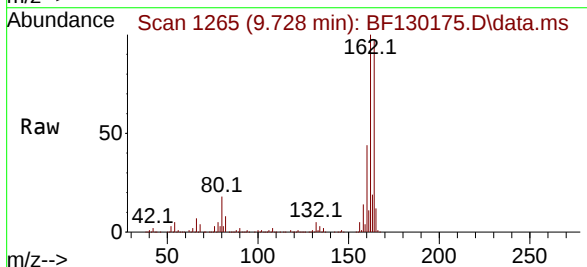
Tgt Ion:163 Resp: 80250

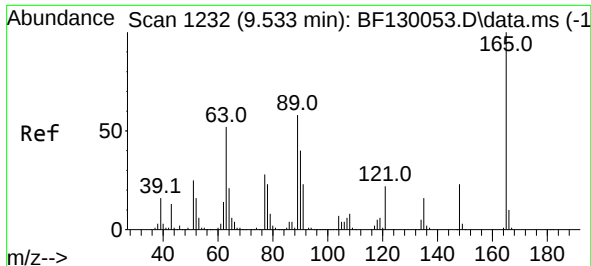
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 514.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.594 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.200 min

Lab File: BF130175.D

Acq: 08 Sep 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB147456TB

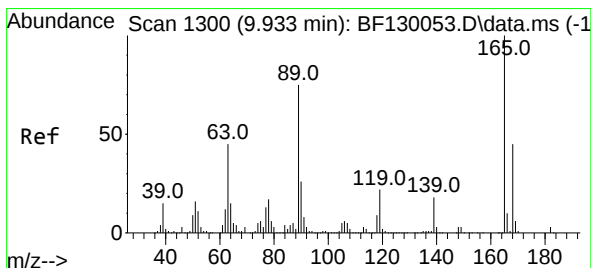
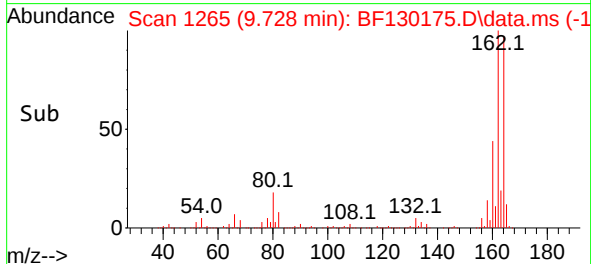
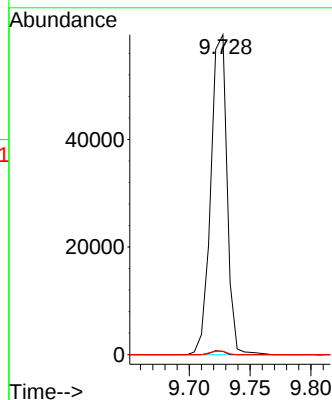
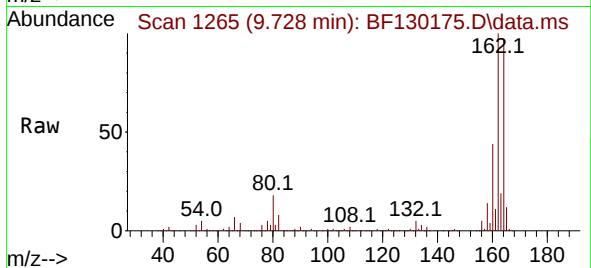
Tgt Ion:165 Resp: 55246

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.333 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.194 min

Lab File: BF130175.D

Acq: 08 Sep 2022 10:39

Tgt Ion:165 Resp: 55246

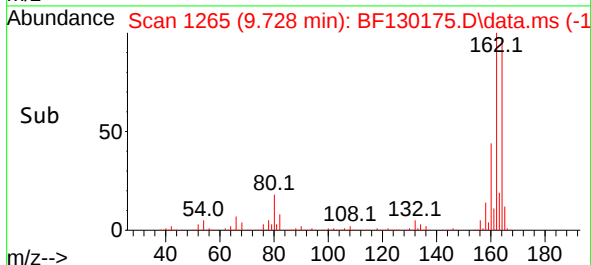
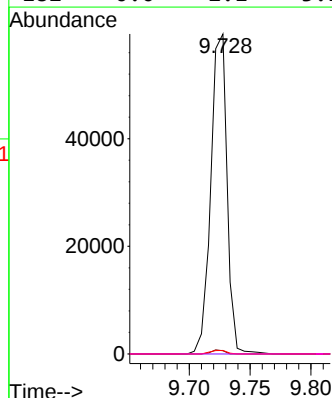
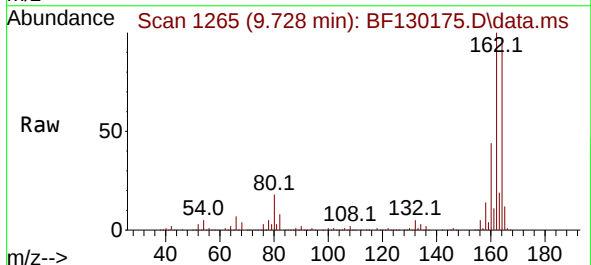
Ion Ratio Lower Upper

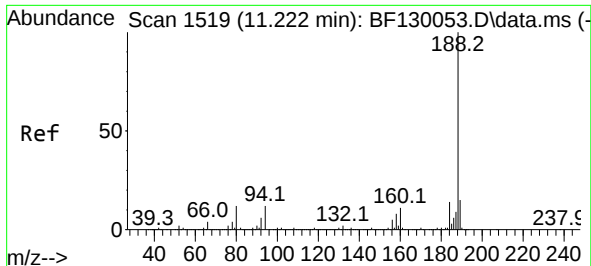
165 100

63 1.0 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#

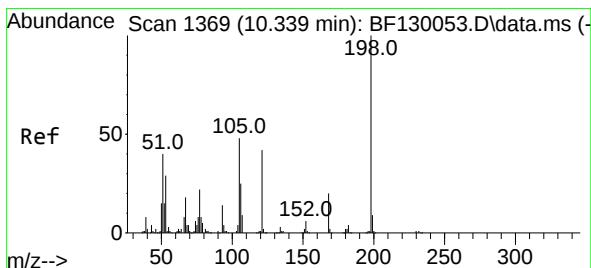
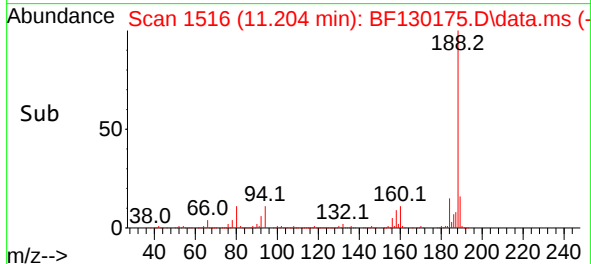
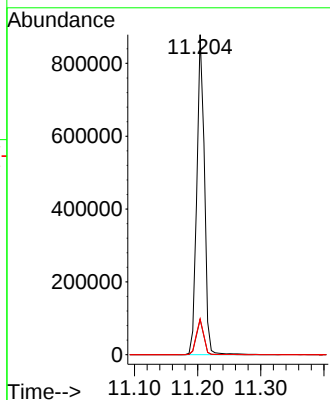
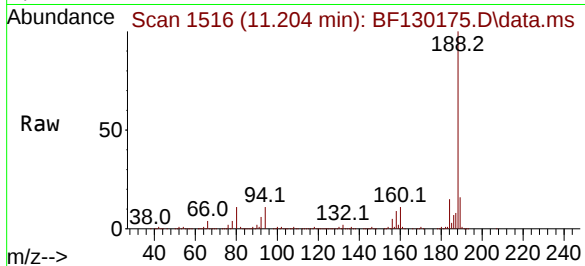




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

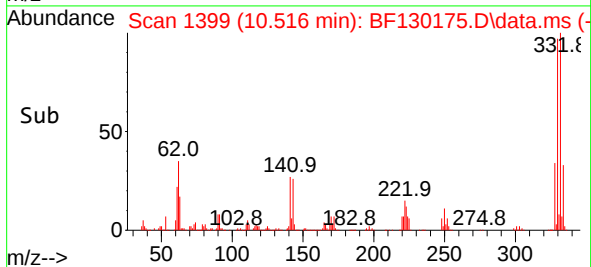
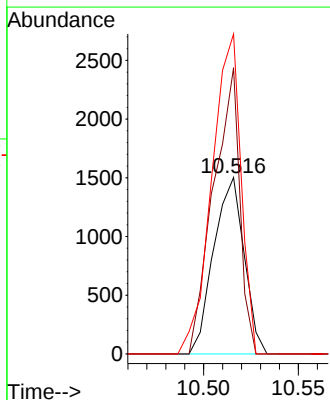
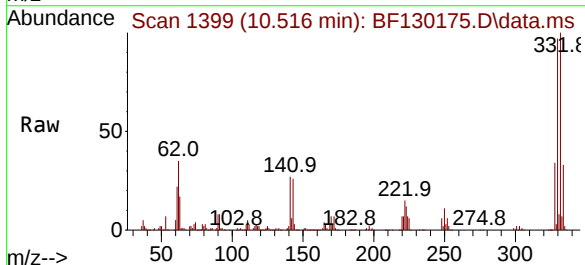
Instrument :
BNA_F
ClientSampleId :
PB147456TB

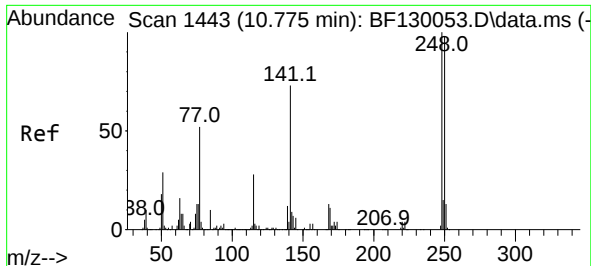
Tgt Ion:188 Resp: 730989
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.506 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.188 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion:198 Resp: 1679
Ion Ratio Lower Upper
198 100
51 162.1 29.4 69.4#
105 181.3 29.2 69.2#

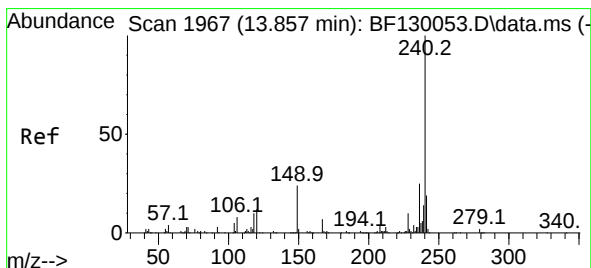
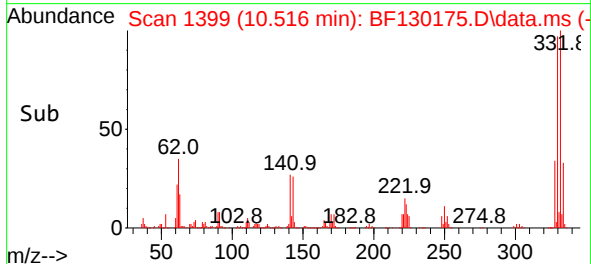
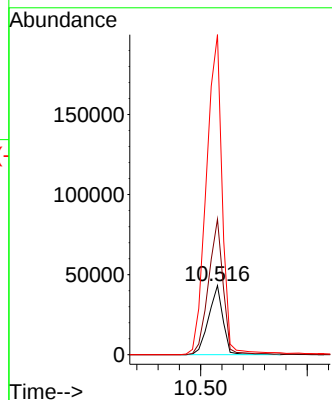
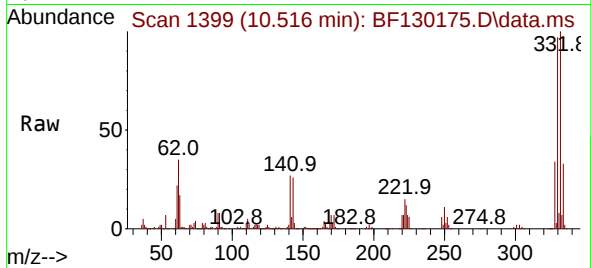




#67
4-Bromophenyl-phenylether
Concen: 4.985 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

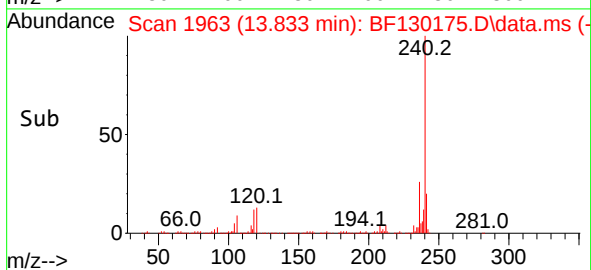
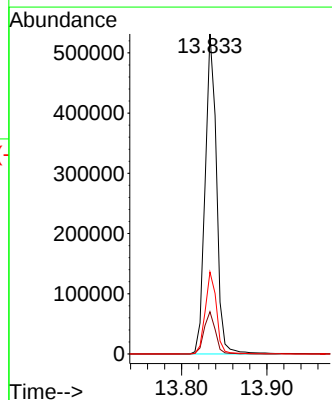
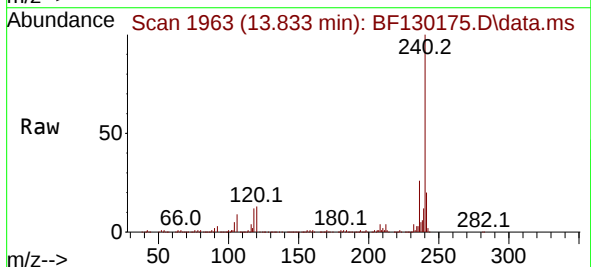
Instrument :
BNA_F
ClientSampleId :
PB147456TB

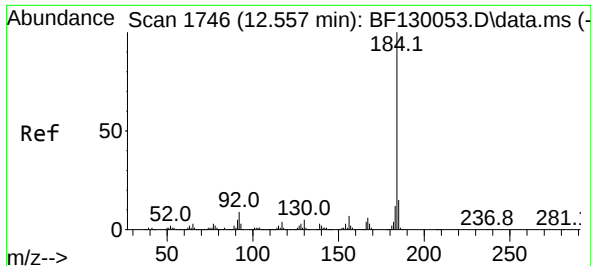
Tgt Ion:248 Resp: 40534
Ion Ratio Lower Upper
248 100
250 196.0 77.8 116.6#
141 462.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion:240 Resp: 491755
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 25.6 20.7 31.1

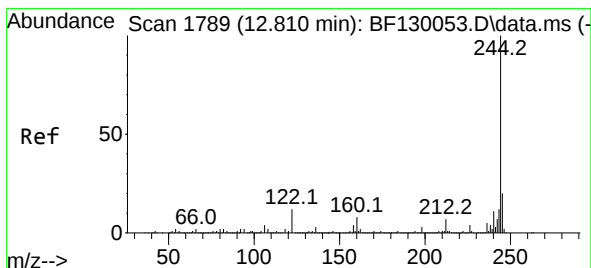
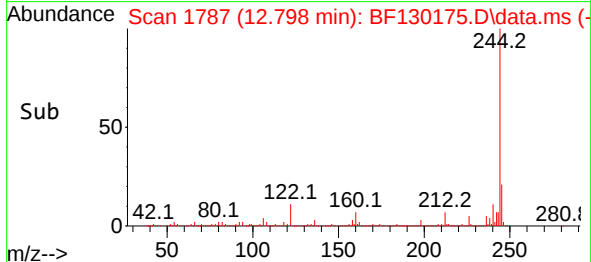
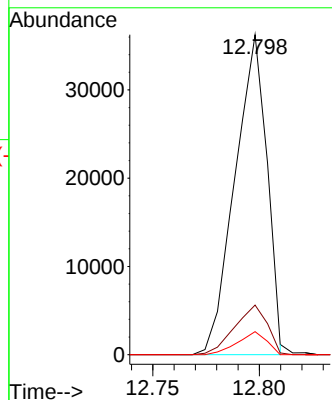
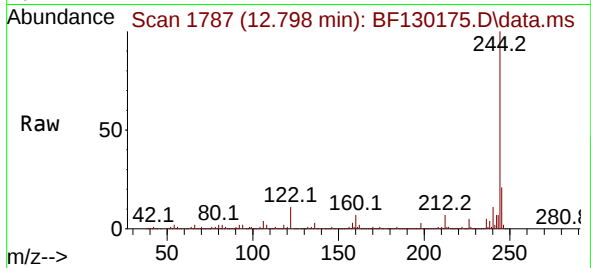




#77
Benzidine
Concen: 2.851 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

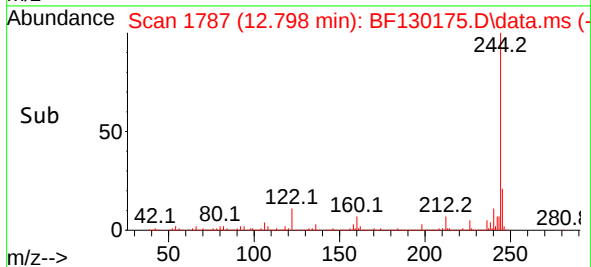
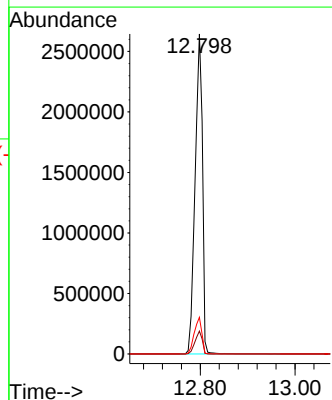
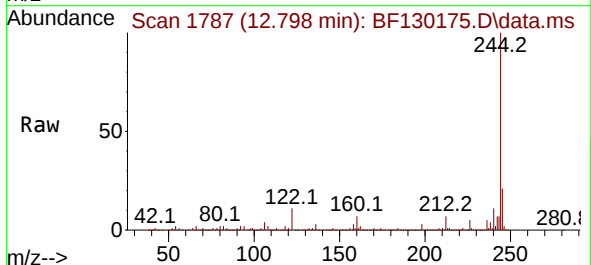
Instrument :
BNA_F
ClientSampleId :
PB147456TB

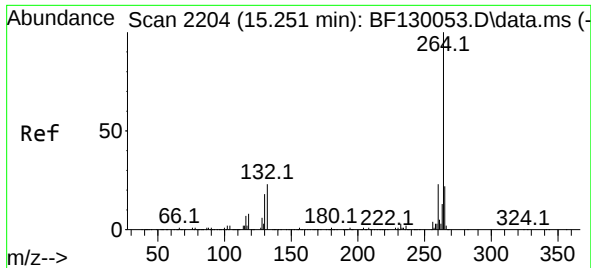
Tgt Ion:184 Resp: 37858
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 7.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 100.378 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Tgt Ion:244 Resp: 2846474
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130175.D
Acq: 08 Sep 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB147456TB

Tgt Ion:264 Resp: 370563
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.6 16.7 25.1

