

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132174.D
 Acq On : 20 Jan 2023 22:13
 Operator : CG\JU
 Sample : 01233-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P37B

Quant Time: Jan 21 03:58:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	177955	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	631961	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	341753	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	670384	20.000	ng	0.00
76) Chrysene-d12	14.301	240	444362	20.000	ng	0.00
86) Perylene-d12	15.895	264	375935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1054825	103.546	ng	0.00
7) Phenol-d6	6.701	99	1365202	106.460	ng	0.00
23) Nitrobenzene-d5	7.648	82	899977	75.653	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	415053	113.699	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1491252	63.761	ng	0.00
79) Terphenyl-d14	13.236	244	1776413	66.965	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.648	70	121137	15.422	ng	# 78
25) Isophorone	7.648	82	899955	38.664	ng	# 67
32) Benzoic acid	8.019	122	520	7.918	ng	95
48) 2-Nitroaniline	9.554	65	165	2.558	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	44345	9.243	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	44345	7.701	ng	# 16
63) Azobenzene	10.854	77	82818	3.400	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.930	198	1149	8.103	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	26343	3.224	ng	# 1
77) Benzidine	13.236	184	28216	2.115	ng	# 88
80) Butylbenzylphthalate	13.707	149	487	2.955	ng	# 80
84) Bis(2-ethylhexyl)phtha...	14.265	149	3613	3.680	ng	# 92
85) Di-n-octyl phthalate	14.901	149	425	5.354	ng	# 72
87) Indeno(1,2,3-cd)pyrene	17.542	276	1120	2.373	ng	# 71
92) Benzo(g,h,i)perylene	18.053	276	1042	2.336	ng	# 58

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

BNA F

ClientSampleId :

B-P37B

Abundance

TIC: BF132174.D\data.ms

Time-->

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00

2-Fluorophenol,S

Phenol-d6,S

1,4-Dichlorobenzene-d4,l

Naphthalene-d8,l

2-Nitroaniline

2,4-Dinitrofluorobenzene-d4,l

Azobenzene

Phenanthrene-d10,l

Chrysene-d12,l

Perylene-d12,l

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene

Benzoic acid

Nitrobenzene-d5,l

Nitrobenzene-d5,l

2,4,6-Trinitrophenol

2,5-Dinitrophenol

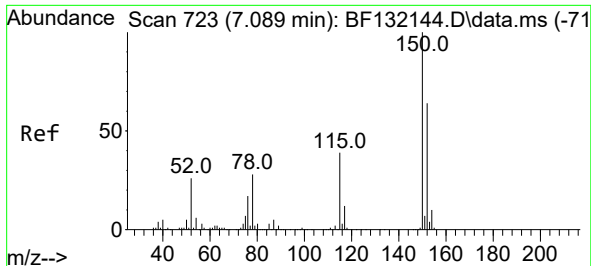
2,6-Dinitrophenol

2,4,6-Trinitrophenol

Butylbenzylphthalate

Bis(2-ethylhexyl)phthalate

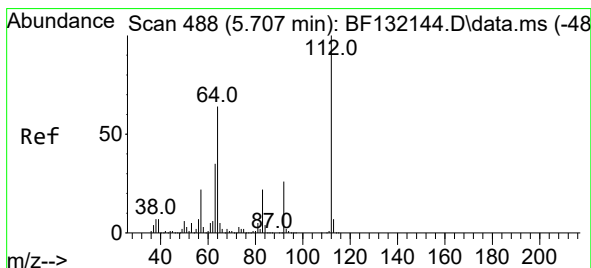
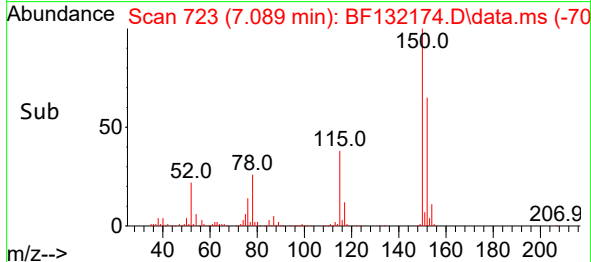
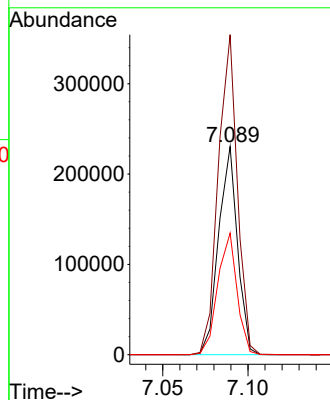
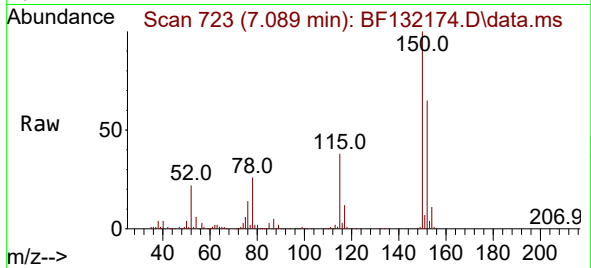
Di-n-octyl phthalate,c



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.089 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132174.D
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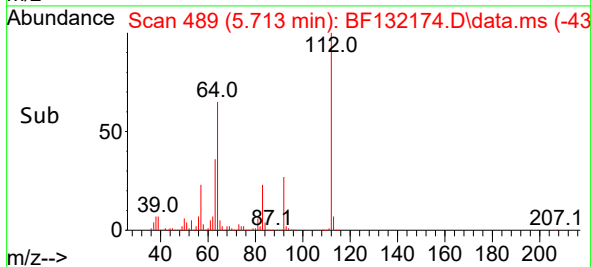
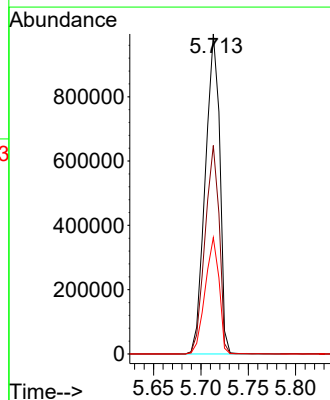
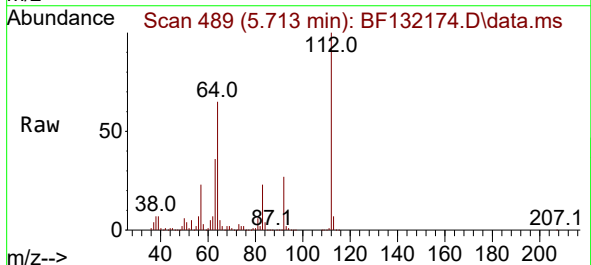
Instrument :
 BNA_F
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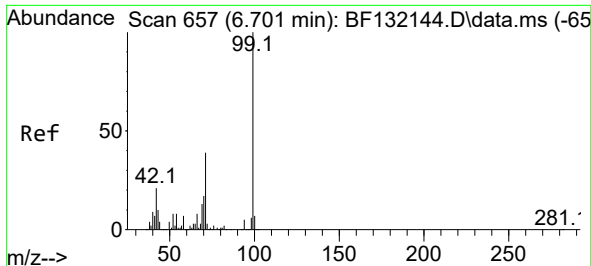
Tgt Ion:152 Resp: 177955
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.8 188.8
 115 58.5 49.2 73.8



#5
 2-Fluorophenol
 Concen: 103.546 ng
 RT: 5.713 min Scan# 489
 Delta R.T. 0.006 min
 Lab File: BF132174.D
 Acq: 20 Jan 2023 22:13

Tgt Ion:112 Resp: 1054825
 Ion Ratio Lower Upper
 112 100
 64 65.1 51.4 77.0
 63 36.4 28.2 42.2



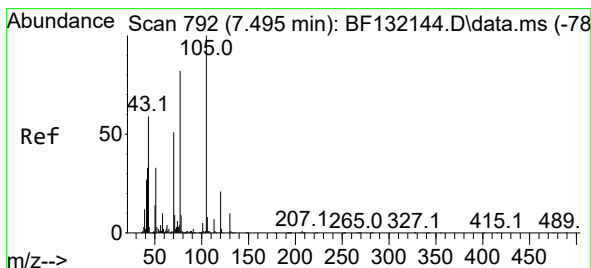
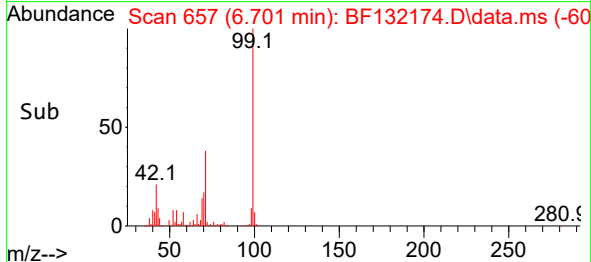
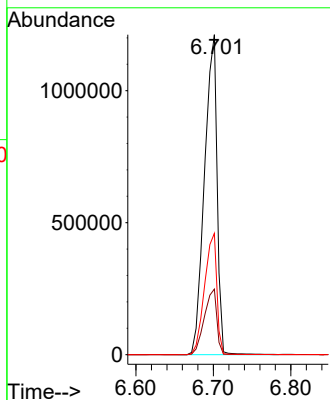
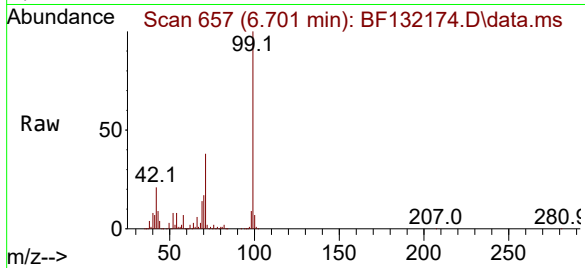


#7
Phenol-d6
Concen: 106.460 ng
RT: 6.701 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Instrument :
BNA_F
ClientSampleId :
B-P37B

Tgt Ion: 99 Resp: 1365202

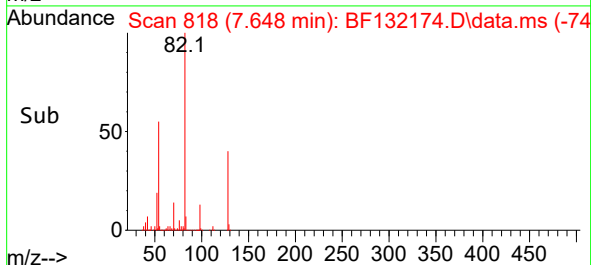
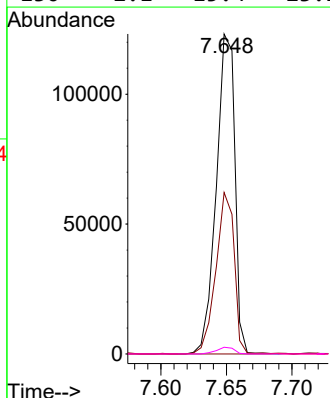
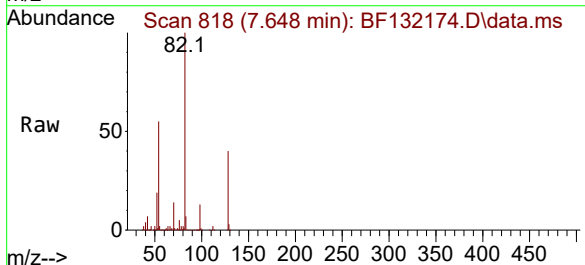
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	37.9	30.8	46.2

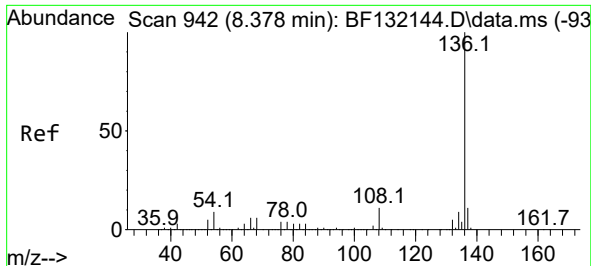


#19
n-Nitroso-di-n-propylamine
Concen: 15.422 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.153 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion: 70 Resp: 121137

Ion	Ratio	Lower	Upper
70	100		
42	50.4	51.0	76.4#
101	0.0	7.3	10.9#
130	2.1	15.4	23.2#

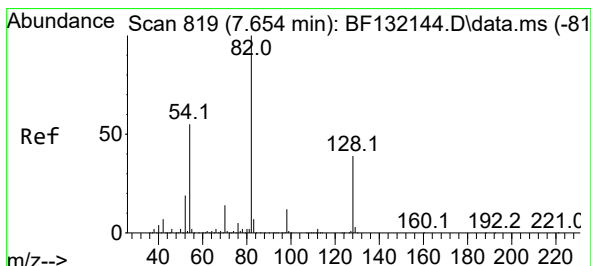
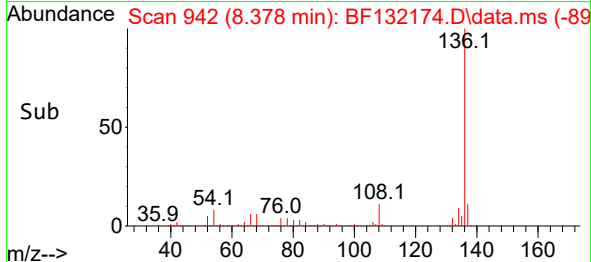
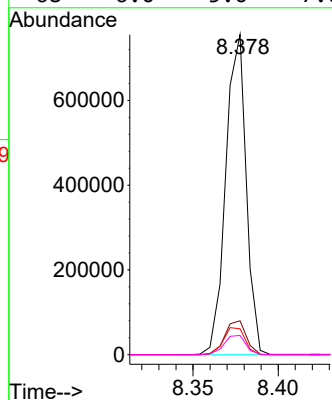
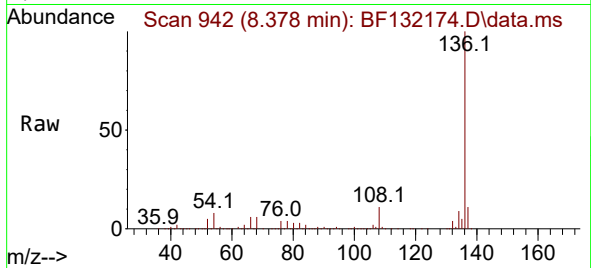




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

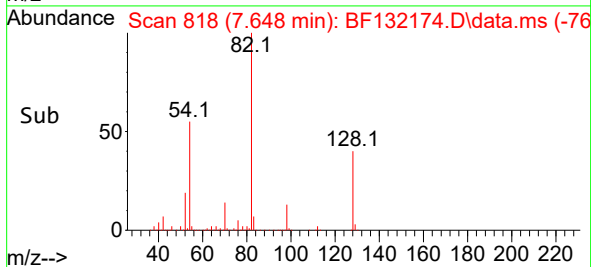
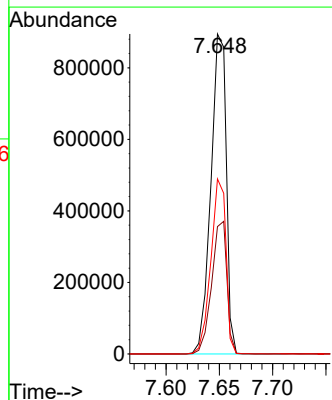
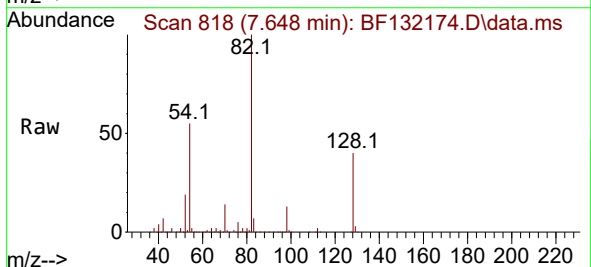
Instrument :
BNA_F
ClientSampleId :
B-P37B

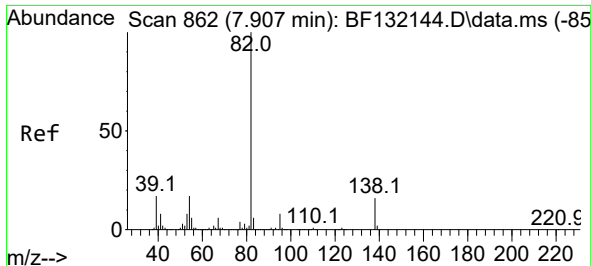
Tgt Ion:136 Resp: 631961
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.1 7.0 10.6
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 75.653 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion: 82 Resp: 899977
Ion Ratio Lower Upper
82 100
128 39.8 31.1 46.7
54 54.7 43.9 65.9

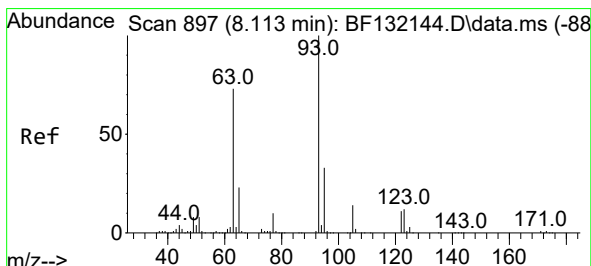
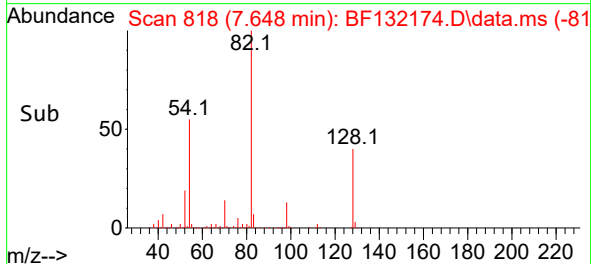
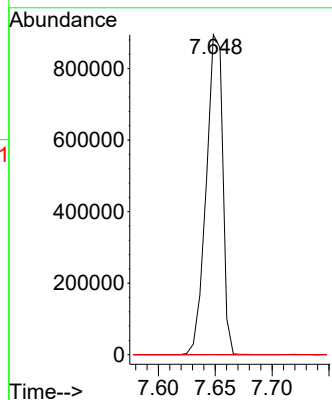
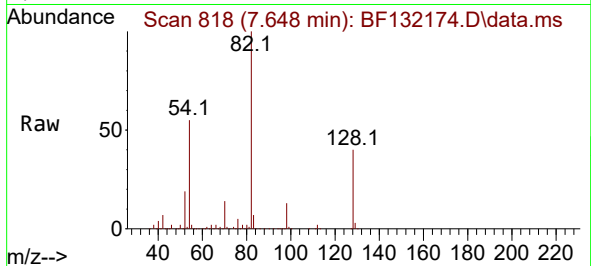




#25
Isophorone
Concen: 38.664 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

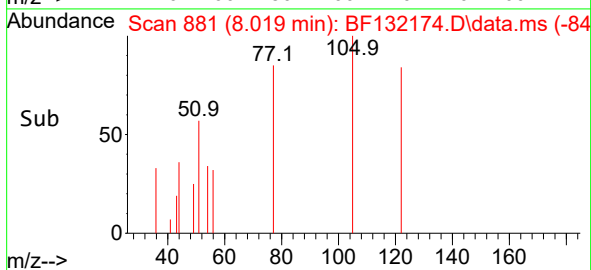
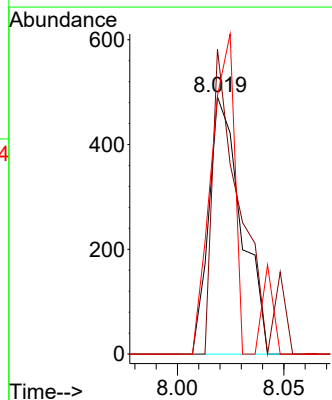
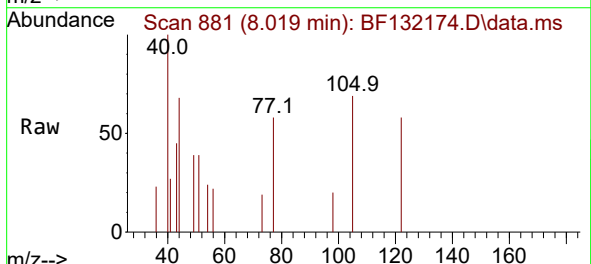
Instrument :
BNA_F
ClientSampleId :
B-P37B

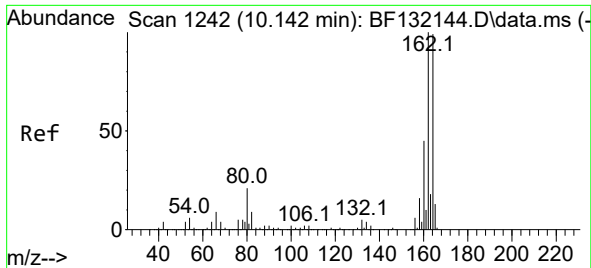
Tgt Ion: 82 Resp: 899955
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.918 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion:122 Resp: 520
Ion Ratio Lower Upper
122 100
105 118.5 96.8 136.8
77 100.4 72.5 112.5

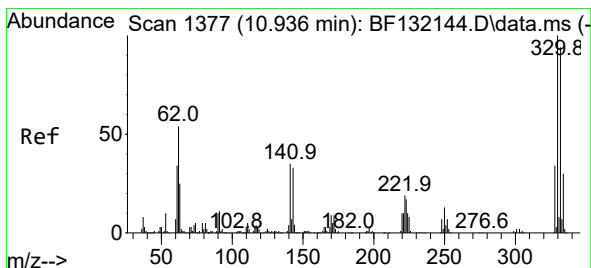
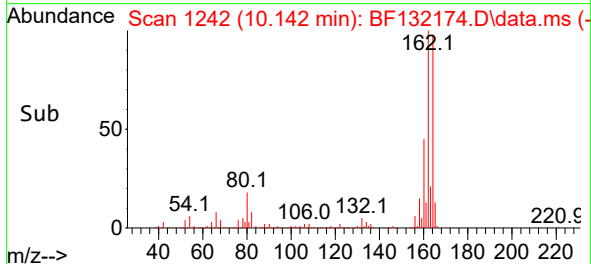
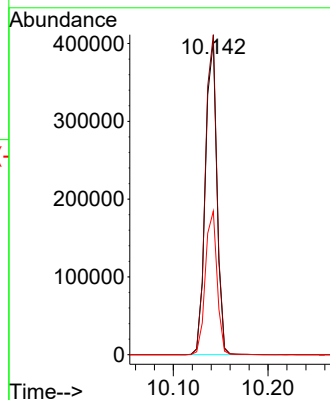
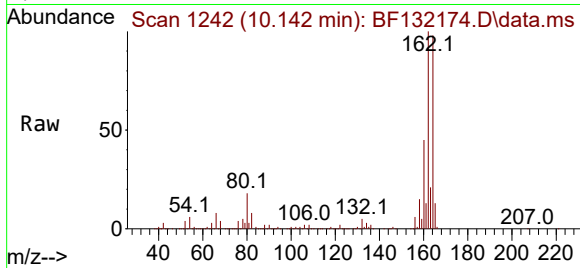




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

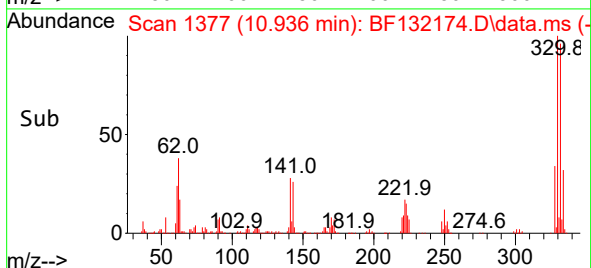
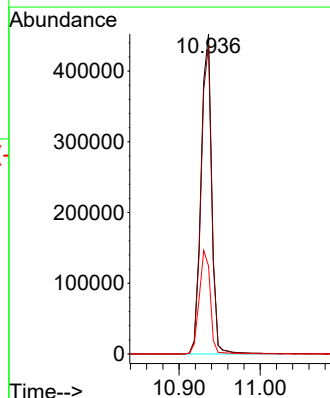
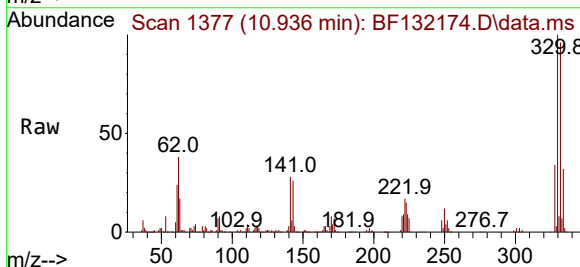
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BNA_F
ClientSampleId :
B-P37B

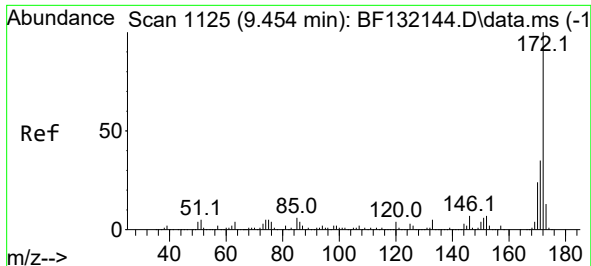
Tgt Ion:164 Resp: 341753
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 45.8 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 113.699 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion:330 Resp: 415053
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 33.4 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 63.761 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

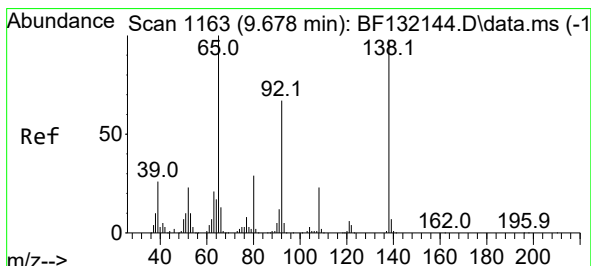
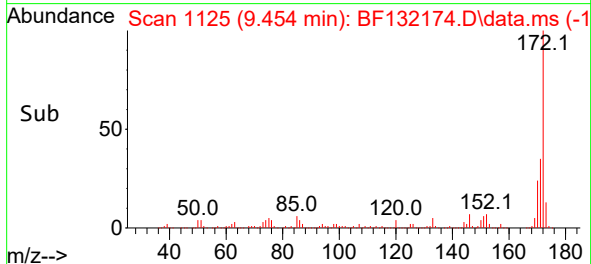
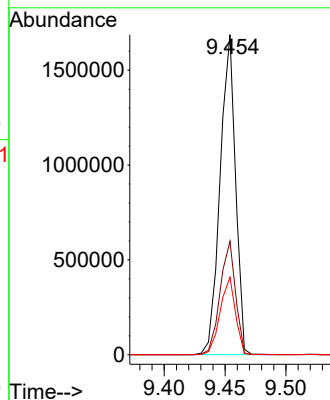
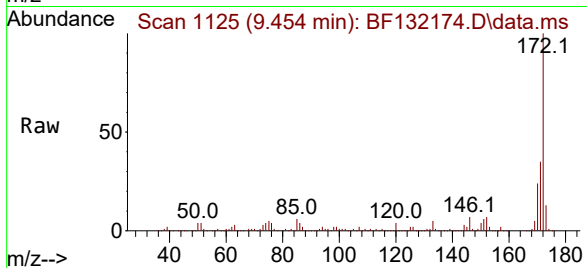
Tgt Ion:172 Resp: 1491252

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.2 19.6 29.4



#48

2-Nitroaniline

Concen: 2.558 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.124 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

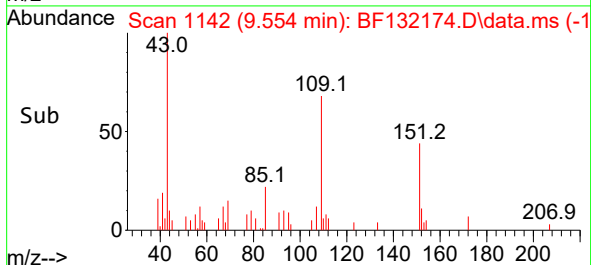
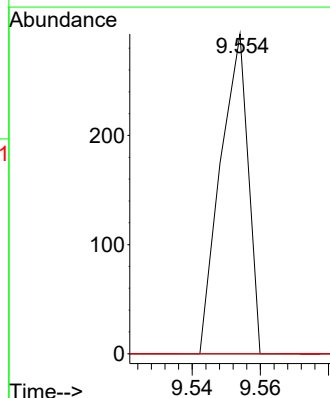
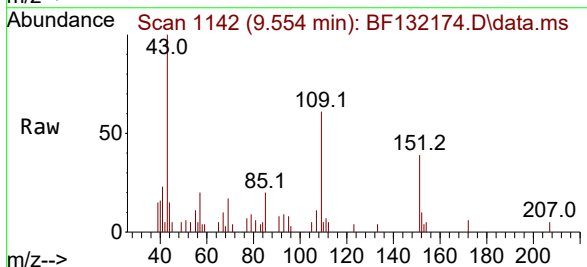
Tgt Ion: 65 Resp: 165

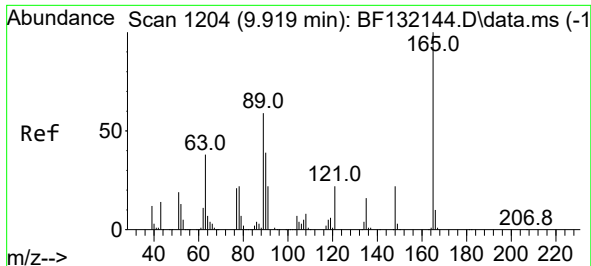
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#





#51

2,6-Dinitrotoluene

Concen: 9.243 ng

RT: 10.142 min Scan# 1242

Delta R.T. 0.223 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

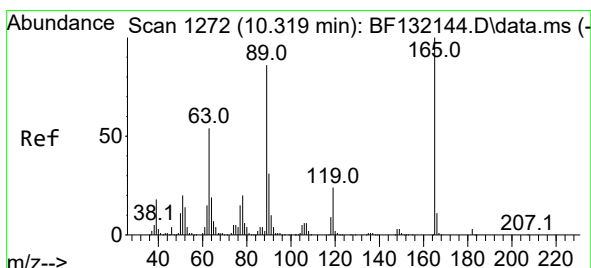
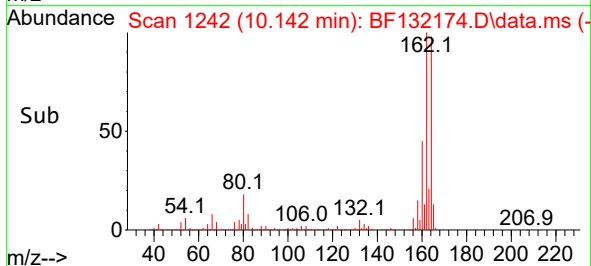
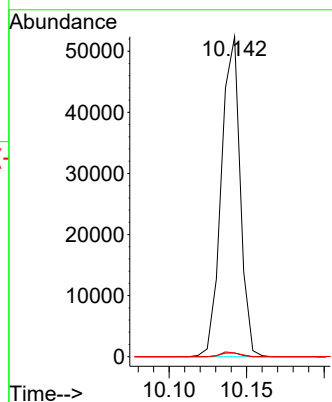
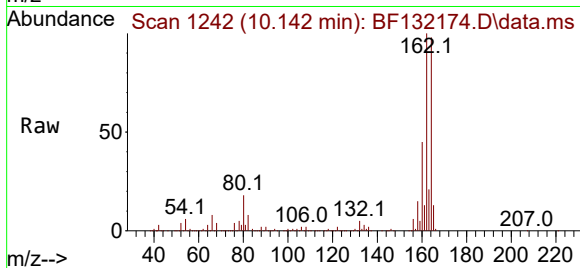
Tgt Ion:165 Resp: 44345

Ion Ratio Lower Upper

165 100

63 1.2 46.6 70.0#

89 1.2 47.4 71.2#



#57

2,4-Dinitrotoluene

Concen: 7.701 ng

RT: 10.142 min Scan# 1242

Delta R.T. -0.177 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Tgt Ion:165 Resp: 44345

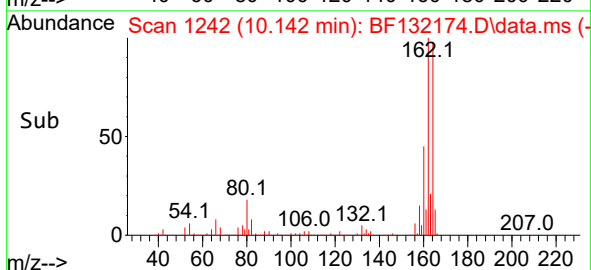
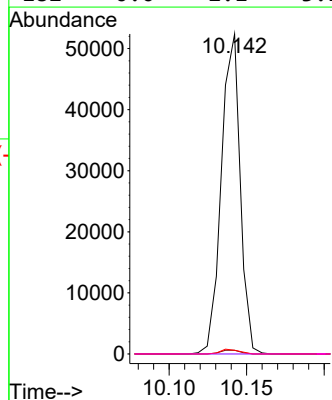
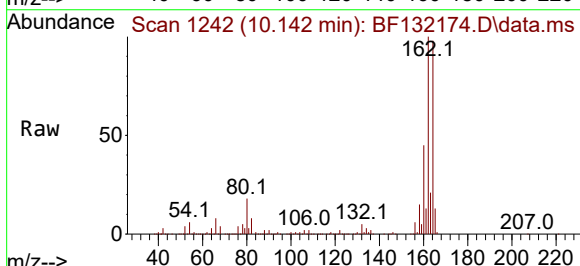
Ion Ratio Lower Upper

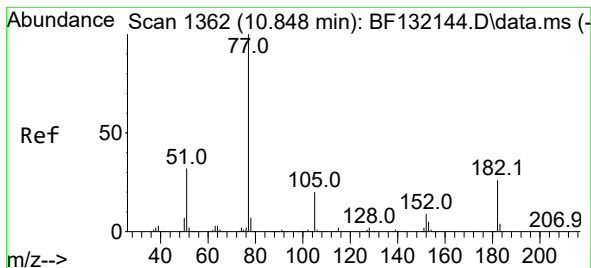
165 100

63 1.2 43.5 65.3#

89 1.2 69.0 103.6#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.400 ng

RT: 10.854 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

Tgt Ion: 77 Resp: 82818

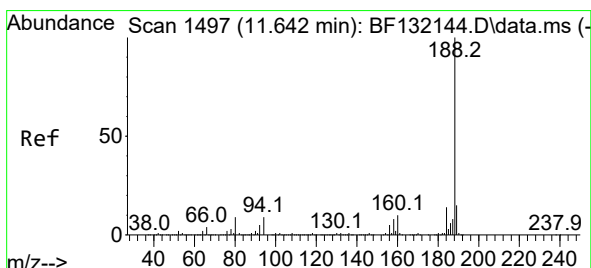
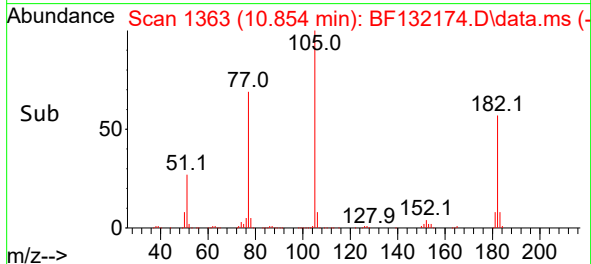
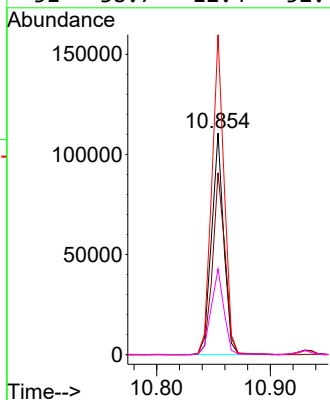
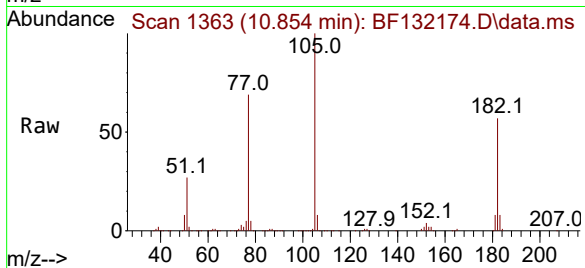
Ion Ratio Lower Upper

77 100

182 82.1 6.4 46.4#

105 144.4 0.0 39.8#

51 38.7 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.636 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

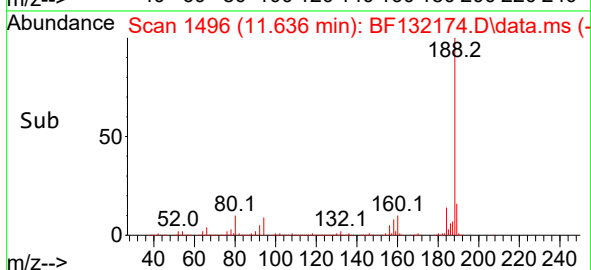
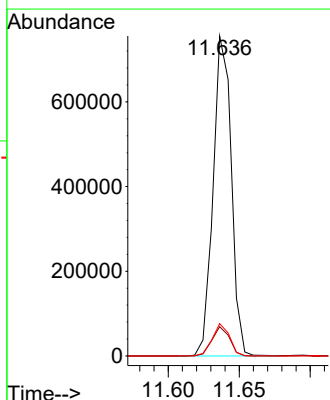
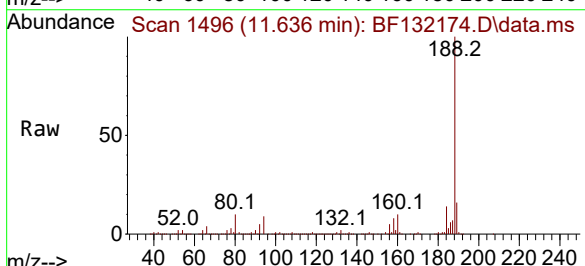
Tgt Ion:188 Resp: 670384

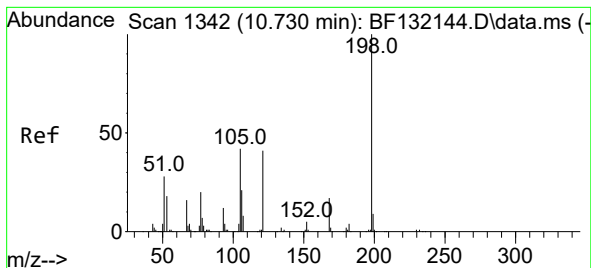
Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 10.1 7.5 11.3

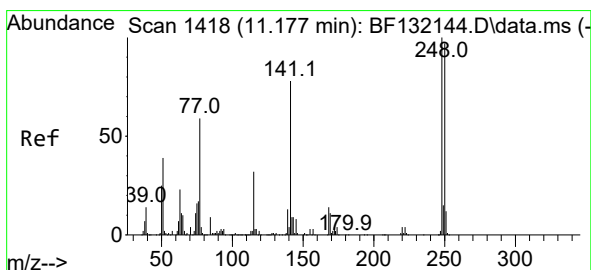
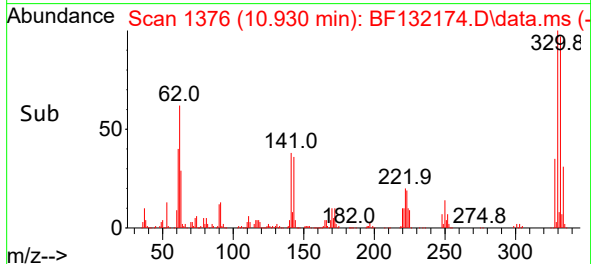
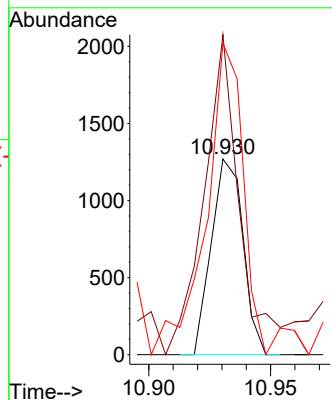
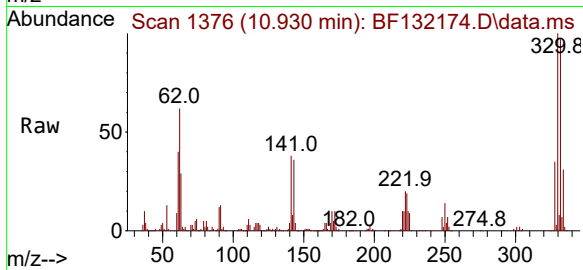




#65
4,6-Dinitro-2-methylphenol
Concen: 8.103 ng
RT: 10.930 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

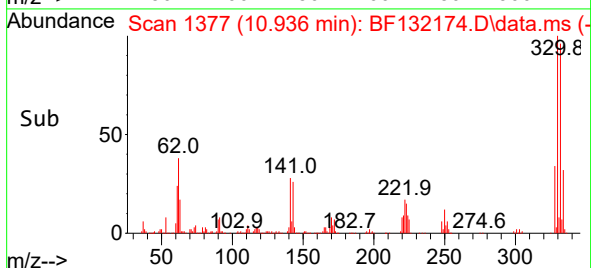
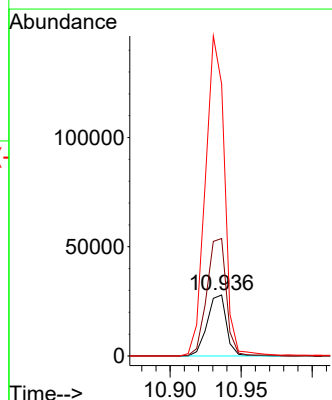
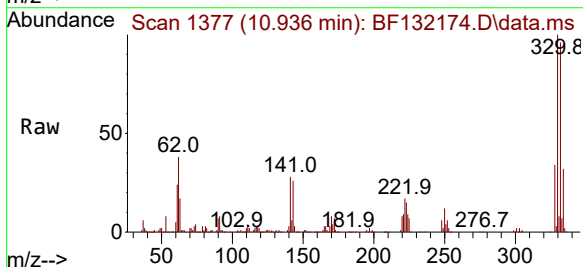
Instrument :
BNA_F
ClientSampleId :
B-P37B

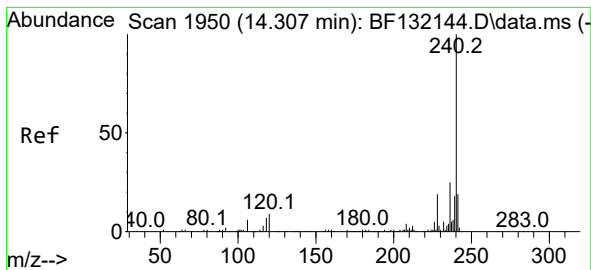
Tgt Ion:198 Resp: 1149
Ion Ratio Lower Upper
198 100
51 163.5 24.3 64.3#
105 159.2 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 3.224 ng
RT: 10.936 min Scan# 1377
Delta R.T. -0.241 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion:248 Resp: 26343
Ion Ratio Lower Upper
248 100
250 192.8 77.4 116.0#
141 446.1 62.2 93.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.301 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

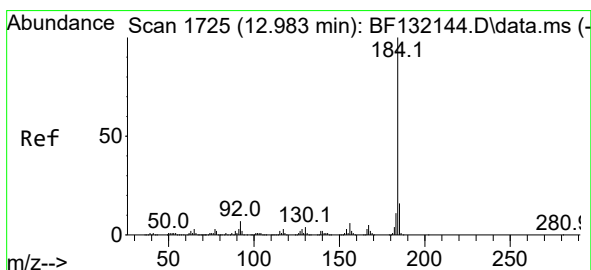
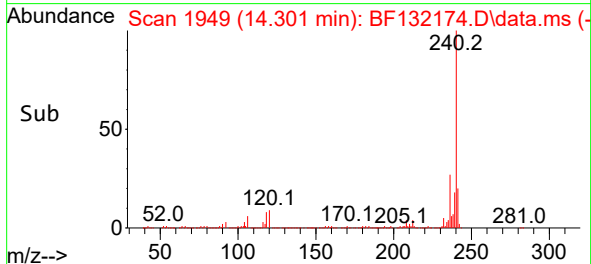
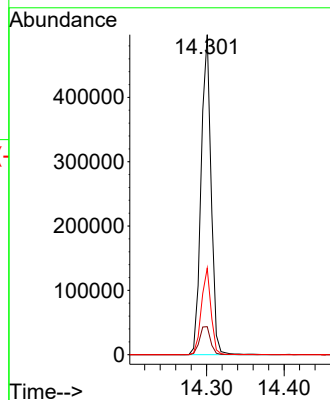
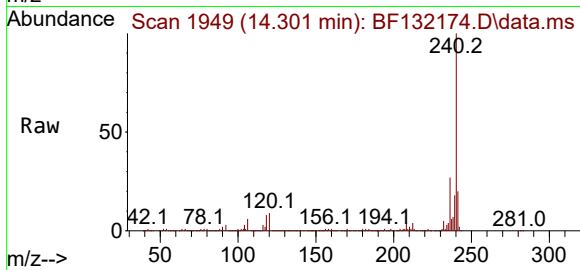
Tgt Ion:240 Resp: 444362

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 27.1 20.3 30.5



#77

Benzidine

Concen: 2.115 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.253 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

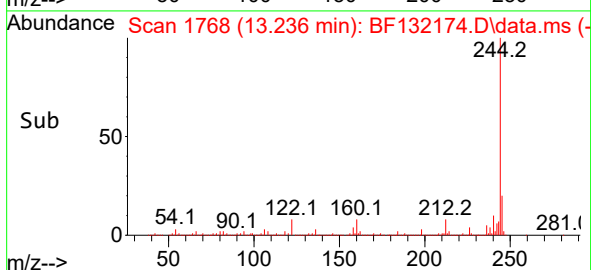
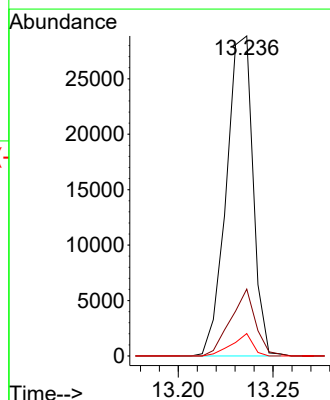
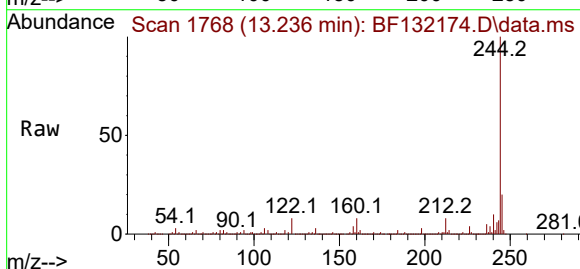
Tgt Ion:184 Resp: 28216

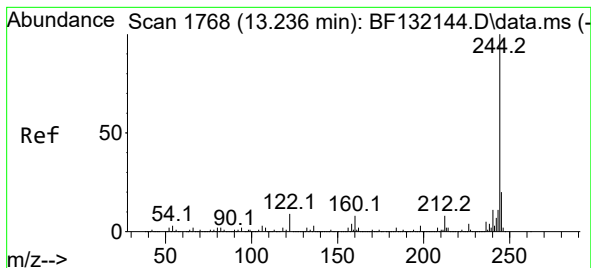
Ion Ratio Lower Upper

184 100

185 20.9 12.5 18.7#

183 7.0 9.0 13.4#





#79

Terphenyl-d14

Concen: 66.965 ng

RT: 13.236 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

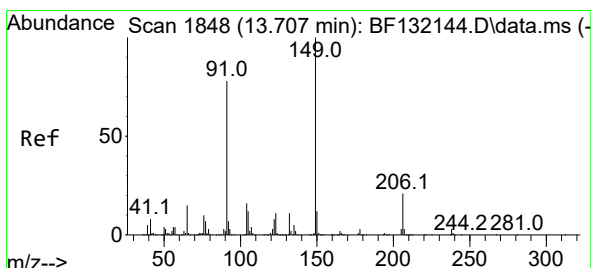
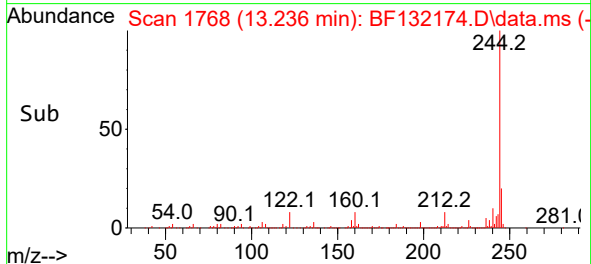
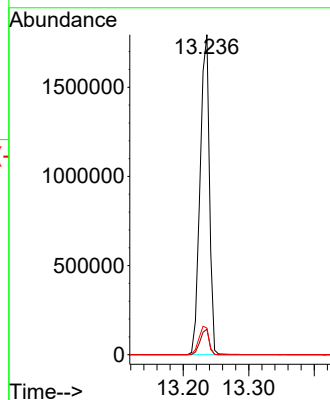
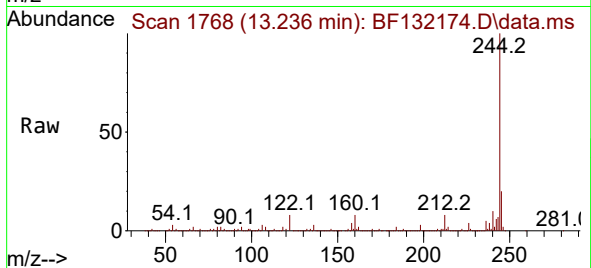
Tgt Ion:244 Resp: 1776413

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

122 8.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 2.955 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

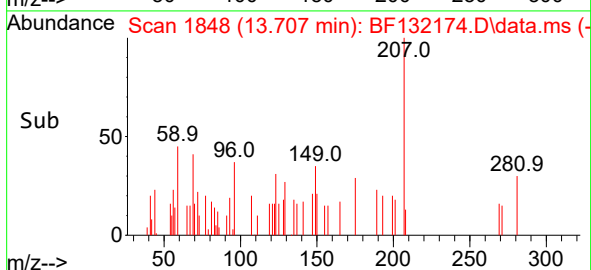
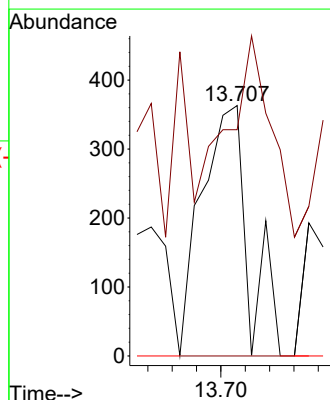
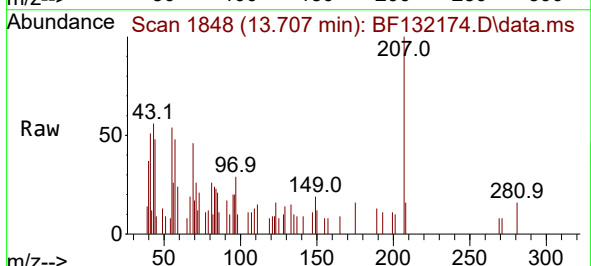
Tgt Ion:149 Resp: 487

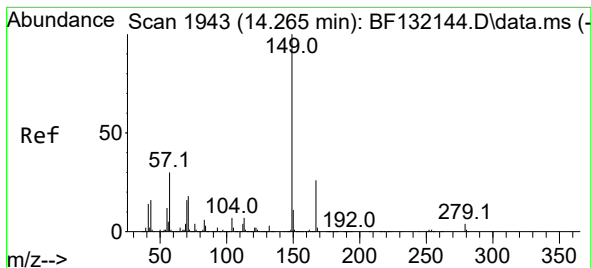
Ion Ratio Lower Upper

149 100

91 90.4 62.6 94.0

206 0.0 16.4 24.6#

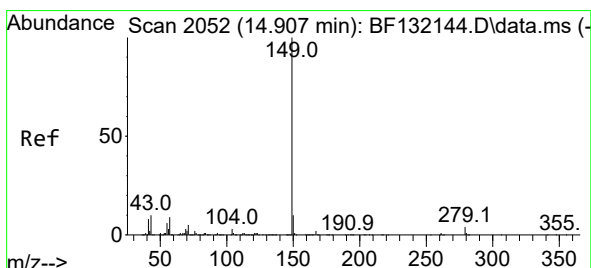
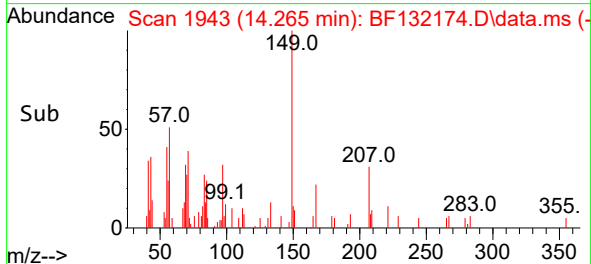
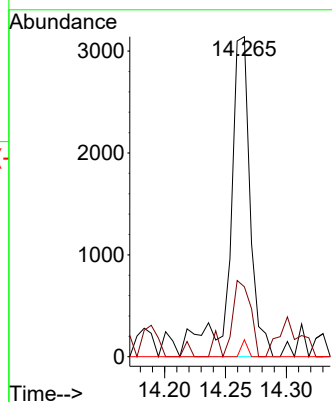
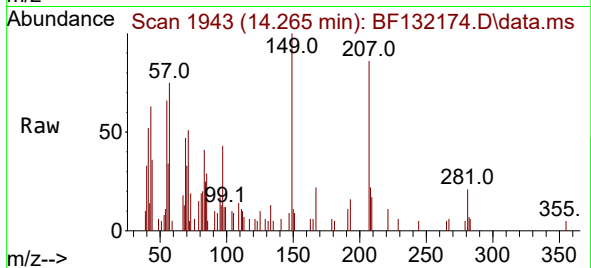




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.680 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

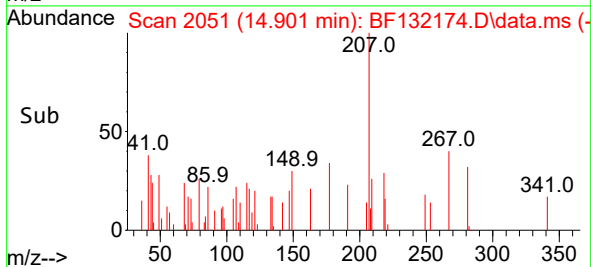
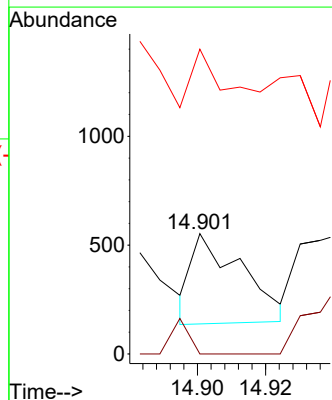
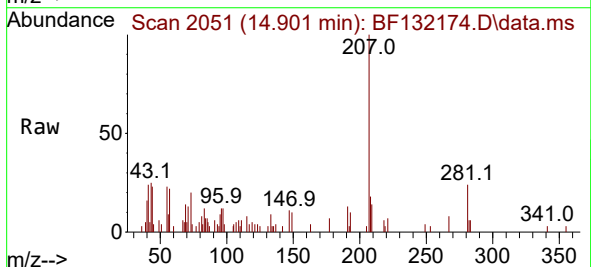
Instrument :
BNA_F
ClientSampleId :
B-P37B

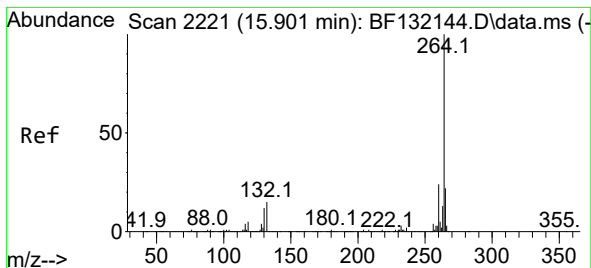
Tgt Ion:149 Resp: 3613
Ion Ratio Lower Upper
149 100
167 21.9 21.0 31.6
279 5.3 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 5.354 ng
RT: 14.901 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF132174.D
Acq: 20 Jan 2023 22:13

Tgt Ion:149 Resp: 425
Ion Ratio Lower Upper
149 100
167 13.4 1.3 1.9#
43 0.0 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B

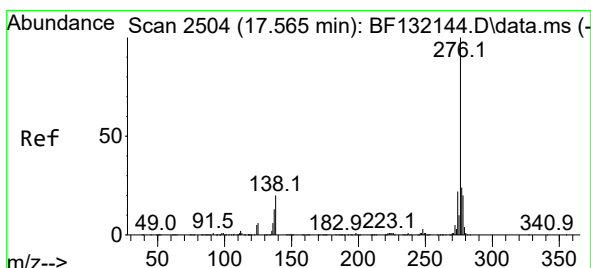
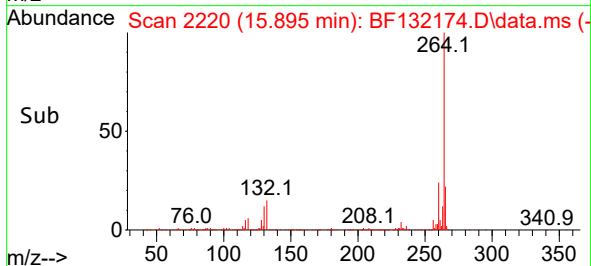
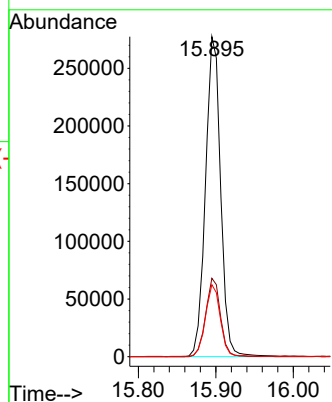
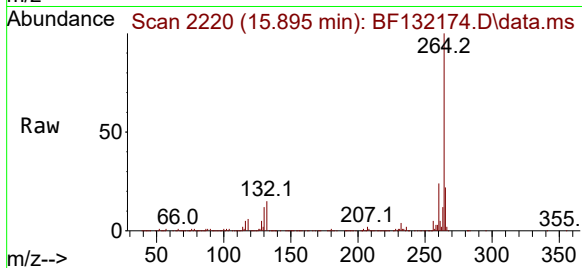
Tgt Ion:264 Resp: 375935

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.5 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.373 ng

RT: 17.542 min Scan# 2500

Delta R.T. -0.023 min

Lab File: BF132174.D

Acq: 20 Jan 2023 22:13

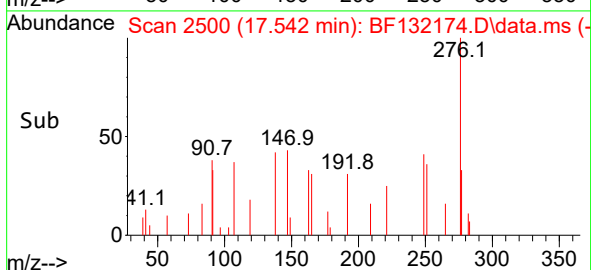
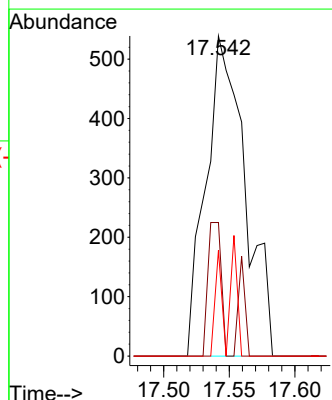
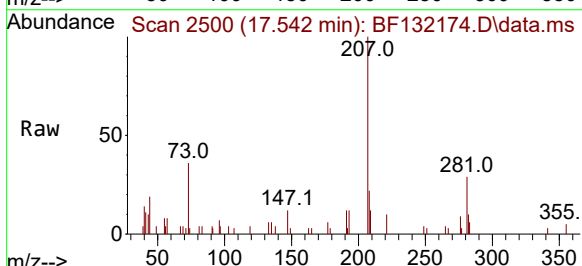
Tgt Ion:276 Resp: 1120

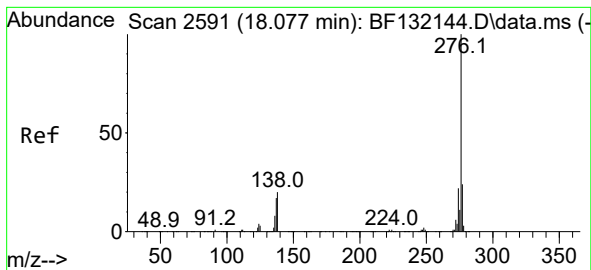
Ion Ratio Lower Upper

276 100

138 14.2 17.9 26.9#

277 5.6 20.2 30.2#





#92

Benzo(g,h,i)perylene

Concen: 2.336 ng

RT: 18.053 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF132174.D

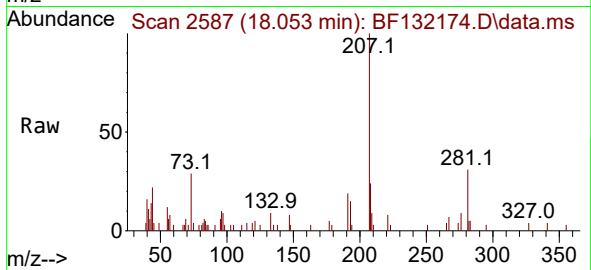
Acq: 20 Jan 2023 22:13

Instrument :

BNA_F

ClientSampleId :

B-P37B



Tgt Ion:276 Resp: 1042

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 35.1 15.7 23.5#

