

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132173.D
 Acq On : 20 Jan 2023 21:41
 Operator : CG\JU
 Sample : 01214-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-011723-B3-10-20

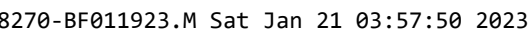
Quant Time: Jan 21 03:57:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

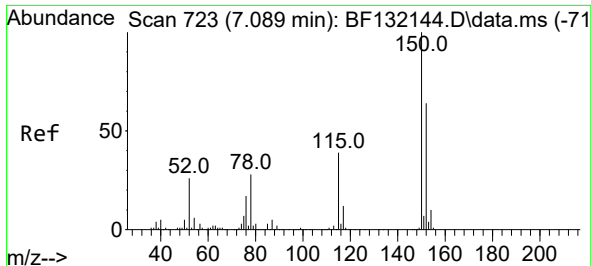
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	170704	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	623011	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	339132	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	668403	20.000	ng	0.00
76) Chrysene-d12	14.301	240	447513	20.000	ng	0.00
86) Perylene-d12	15.895	264	369959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1171155	119.849	ng	0.02
7) Phenol-d6	6.701	99	1441183	117.159	ng	0.00
23) Nitrobenzene-d5	7.654	82	1099286	93.734	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	533172	147.186	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1810996	78.031	ng	0.00
79) Terphenyl-d14	13.236	244	2290246	85.727	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	150890	20.026	ng	# 75
25) Isophorone	7.654	82	1099272	47.905	ng	# 67
26) 2-Nitrophenol	7.748	139	188	3.120	ng	# 30
27) 2,4-Dimethylphenol	8.054	122	37736	3.801	ng	# 3
32) Benzoic acid	8.054	122	37736	12.614	ng	# 95
48) 2-Nitroaniline	9.554	65	785	2.647	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	44068	9.257	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	44068	7.712	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.936	198	1718	8.249	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	33372	4.096	ng	# 1
77) Benzidine	13.236	184	38036	2.831	ng	# 92
80) Butylbenzylphthalate	13.707	149	335	2.944	ng	# 39
84) Bis(2-ethylhexyl)phtha...	14.260	149	2188	3.605	ng	# 98
85) Di-n-octyl phthalate	14.901	149	429	5.354	ng	# 54

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

Quant Time: Jan 21 03:57:45 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

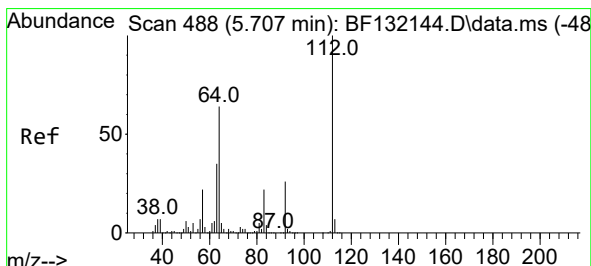
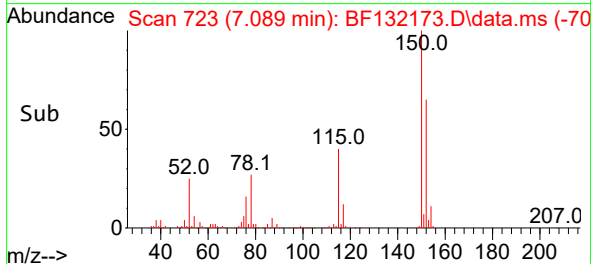
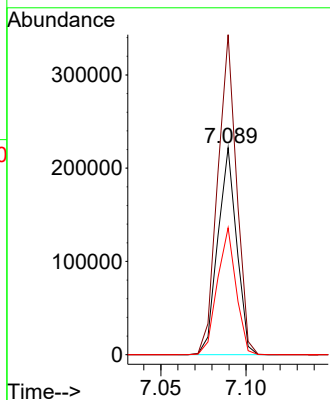
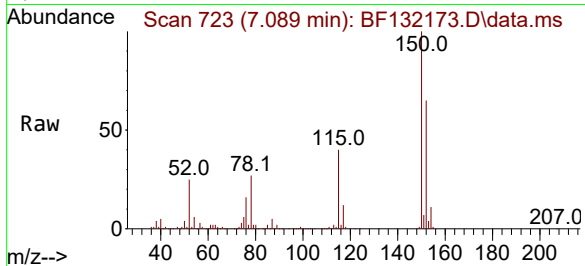




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

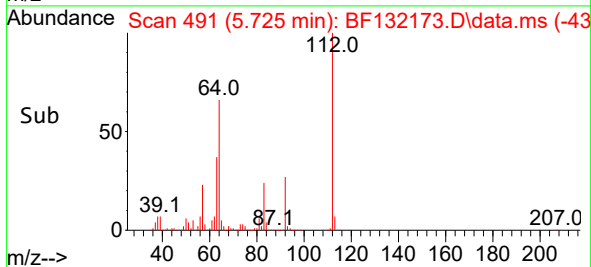
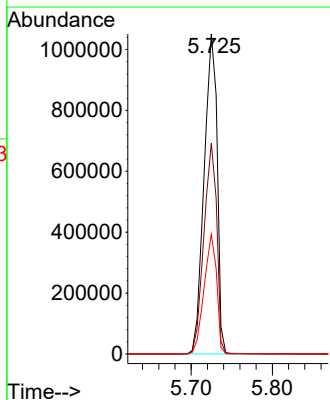
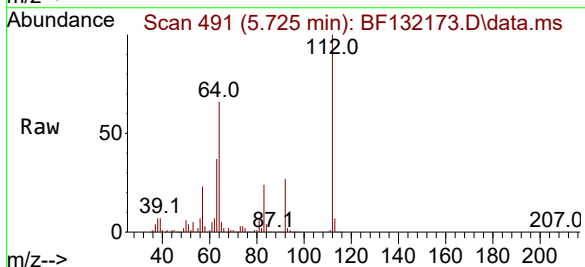
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

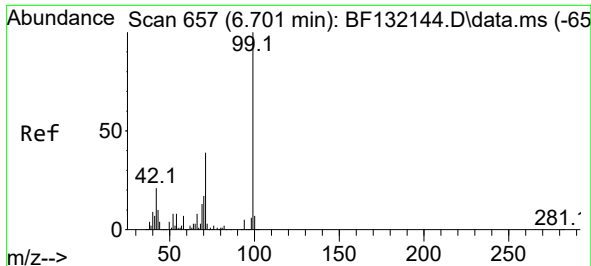
Tgt Ion:152 Resp: 170704
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.8
115 61.3 49.2 73.8



#5
2-Fluorophenol
Concen: 119.849 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

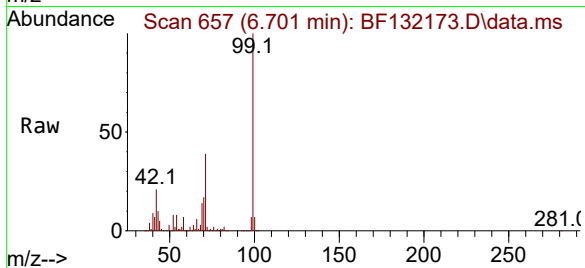
Tgt Ion:112 Resp: 1171155
Ion Ratio Lower Upper
112 100
64 65.9 51.4 77.0
63 37.5 28.2 42.2





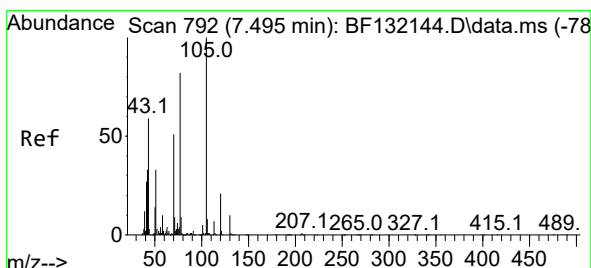
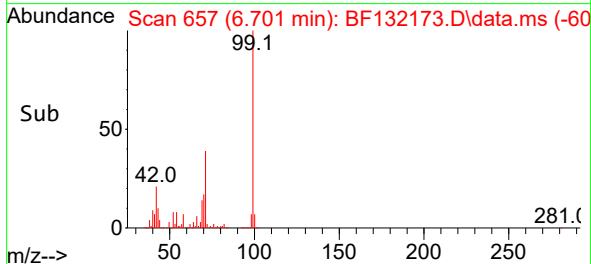
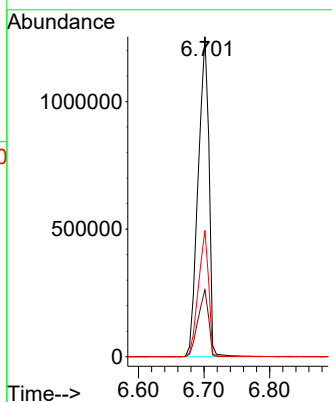
#7
Phenol-d6
Concen: 117.159 ng
RT: 6.701 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20



Tgt Ion: 99 Resp: 1441183

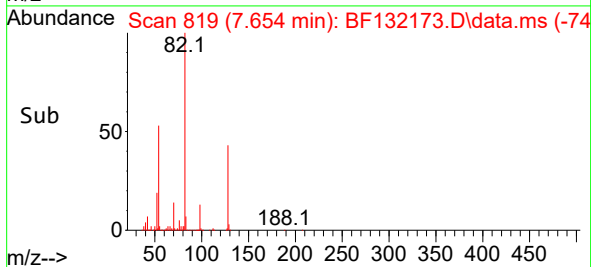
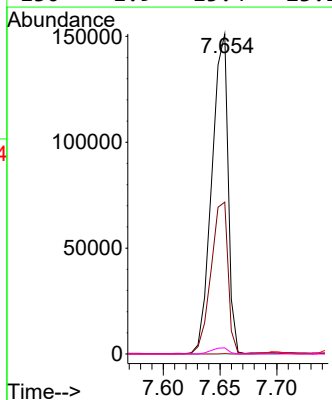
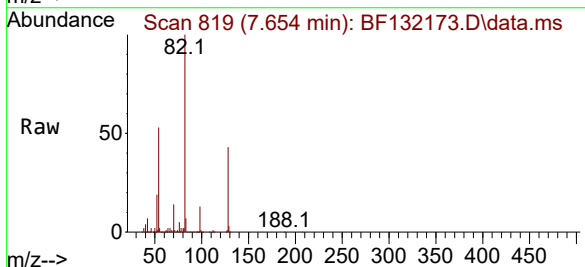
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	39.4	30.8	46.2

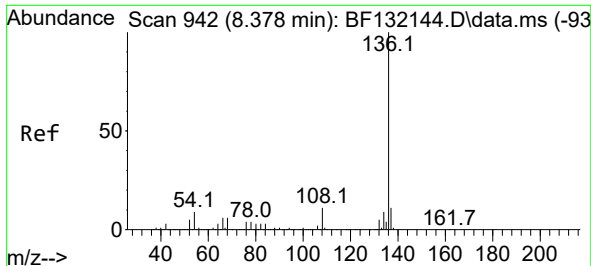


#19
n-Nitroso-di-n-propylamine
Concen: 20.026 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion: 70 Resp: 150890

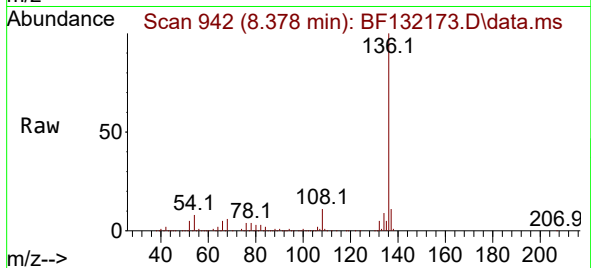
Ion	Ratio	Lower	Upper
70	100		
42	47.5	51.0	76.4#
101	0.1	7.3	10.9#
130	1.9	15.4	23.2#



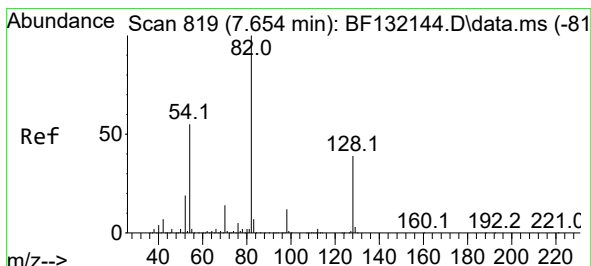
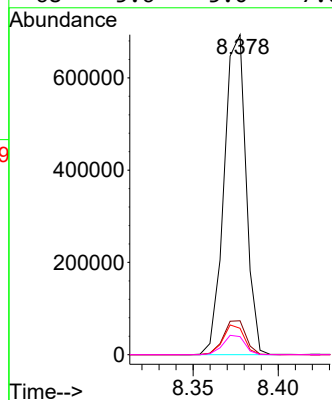
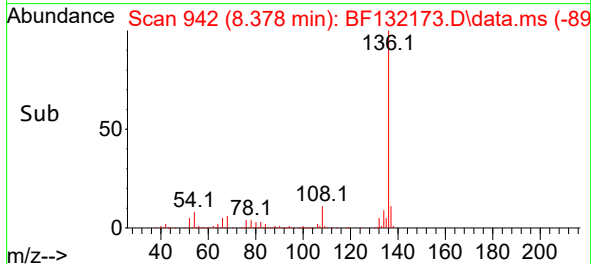


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

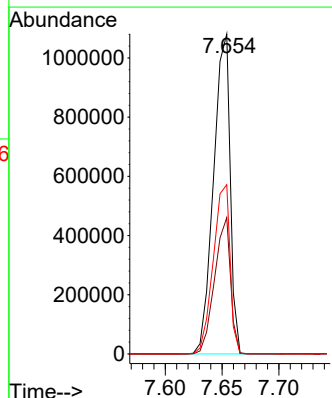
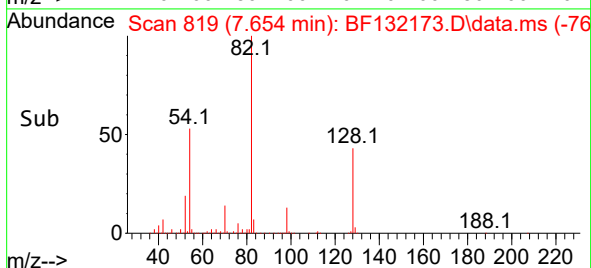
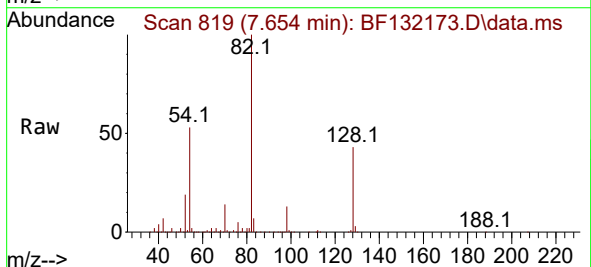


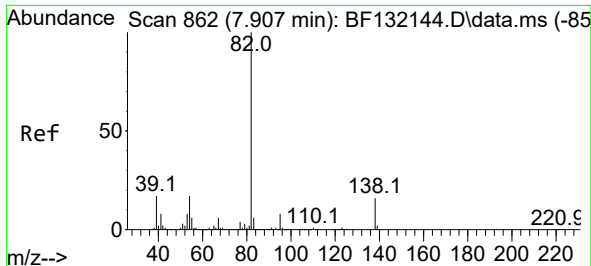
Tgt Ion:136 Resp: 623011
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.3 7.0 10.6
68 5.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.734 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion: 82 Resp: 1099286
Ion Ratio Lower Upper
82 100
128 42.6 31.1 46.7
54 52.9 43.9 65.9

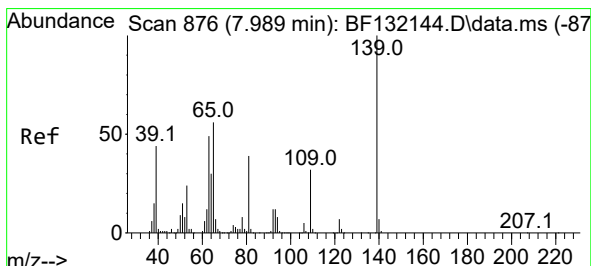
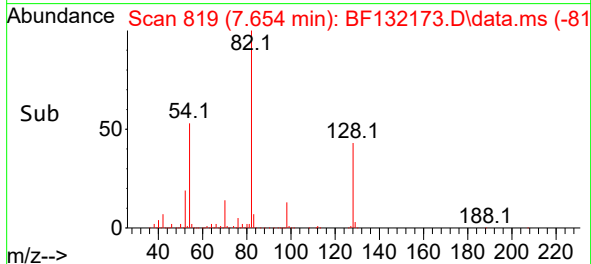
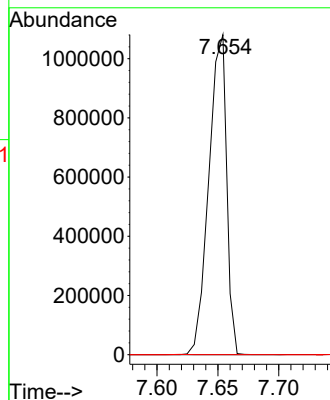
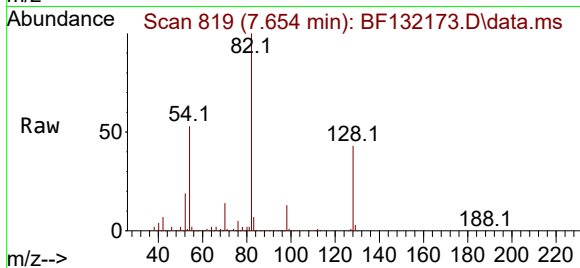




#25
Isophorone
Concen: 47.905 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

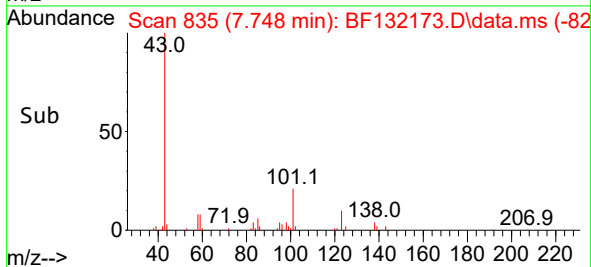
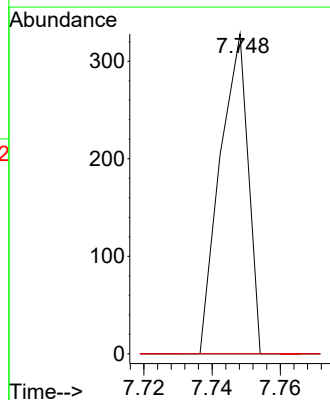
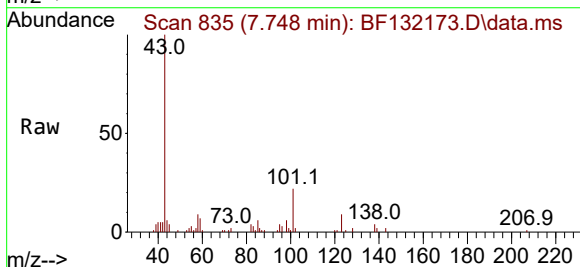
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

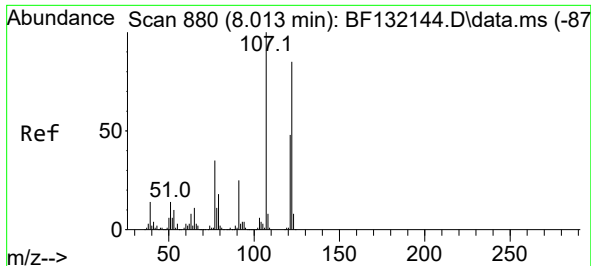
Tgt Ion: 82 Resp: 1099272
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#26
2-Nitrophenol
Concen: 3.120 ng
RT: 7.748 min Scan# 835
Delta R.T. -0.241 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion:139 Resp: 188
Ion Ratio Lower Upper
139 100
109 0.0 25.8 38.8#
65 0.0 44.6 66.8#

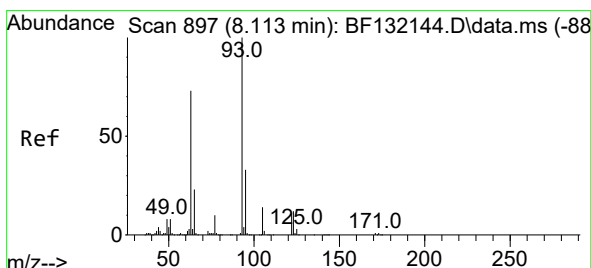
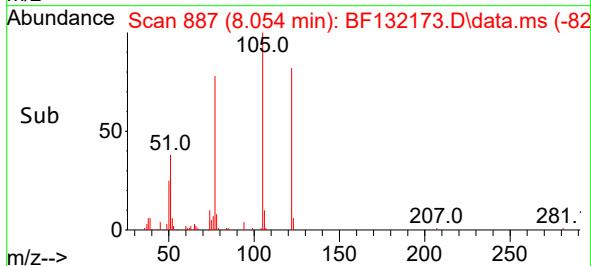
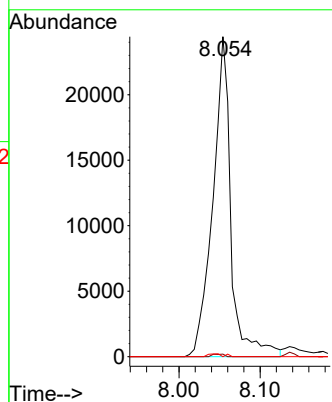
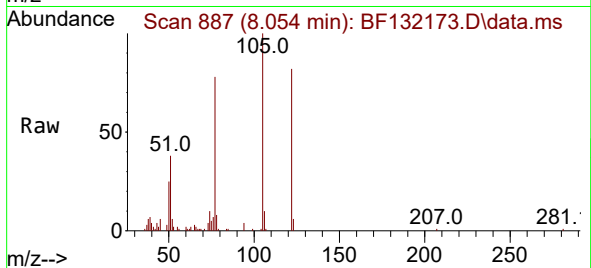




#27
2,4-Dimethylphenol
Concen: 3.801 ng
RT: 8.054 min Scan# 887
Delta R.T. 0.041 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

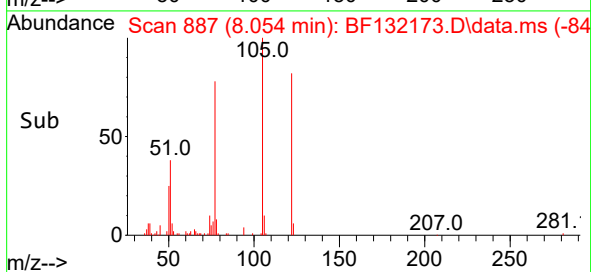
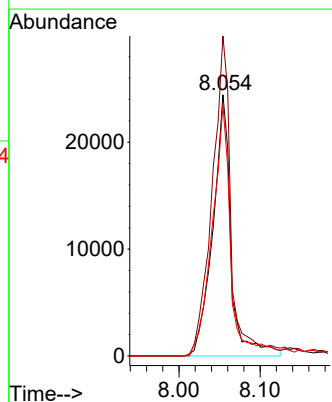
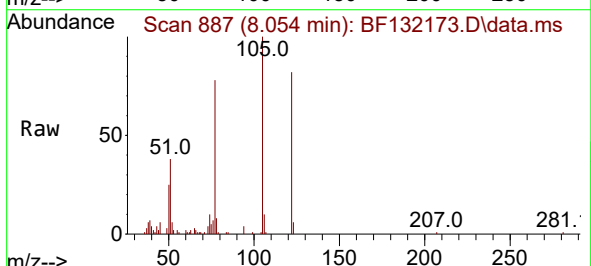
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

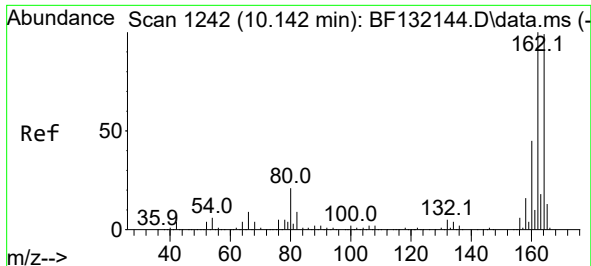
Tgt Ion:122 Resp: 37736
Ion Ratio Lower Upper
122 100
107 0.8 94.2 141.4#
121 0.0 45.6 68.4#



#32
Benzoic acid
Concen: 12.614 ng
RT: 8.054 min Scan# 887
Delta R.T. -0.059 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion:122 Resp: 37736
Ion Ratio Lower Upper
122 100
105 122.6 96.8 136.8
77 96.0 72.5 112.5

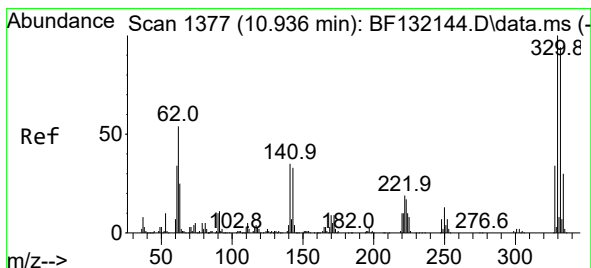
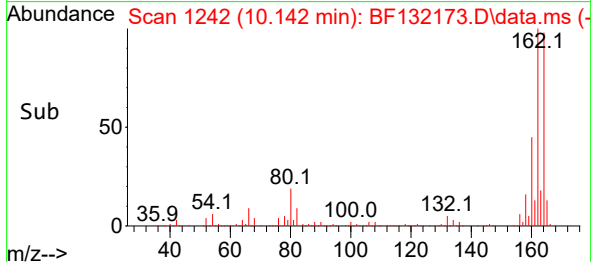
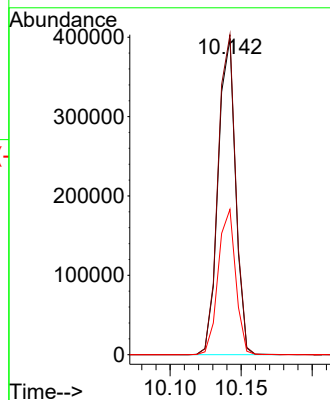
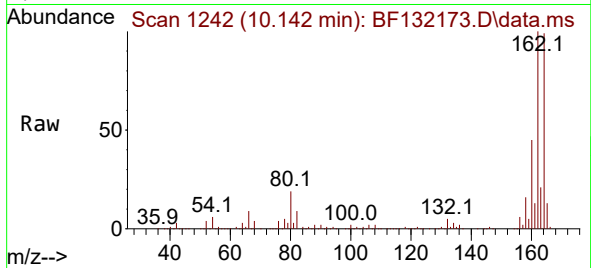




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

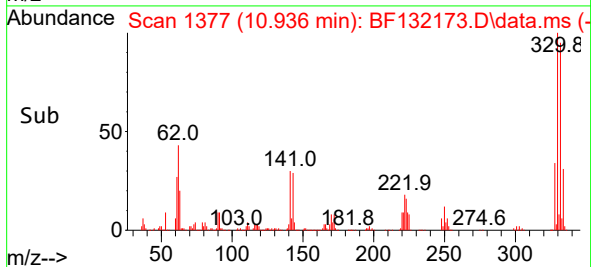
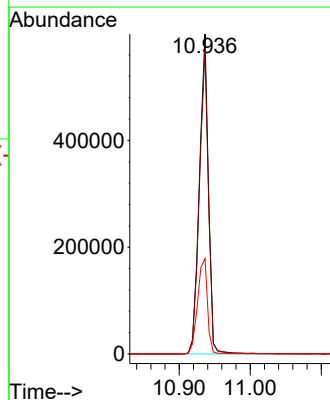
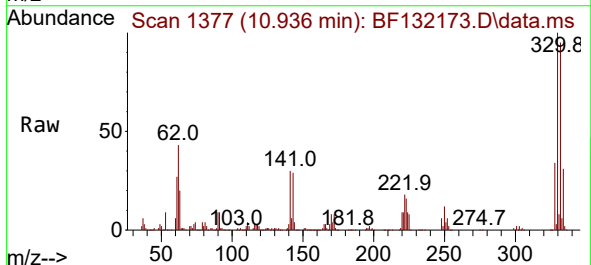
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

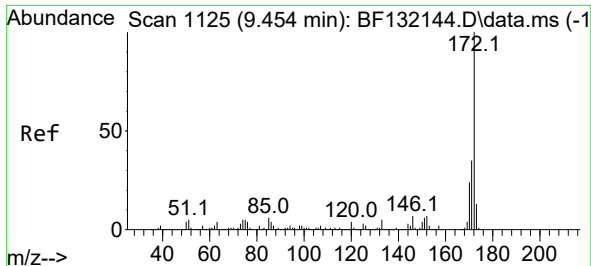
Tgt Ion:164 Resp: 339132
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 45.9 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 147.186 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion:330 Resp: 533172
Ion Ratio Lower Upper
330 100
332 95.9 75.6 113.4
141 32.7 27.1 40.7

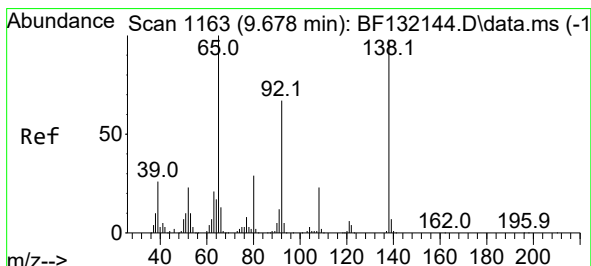
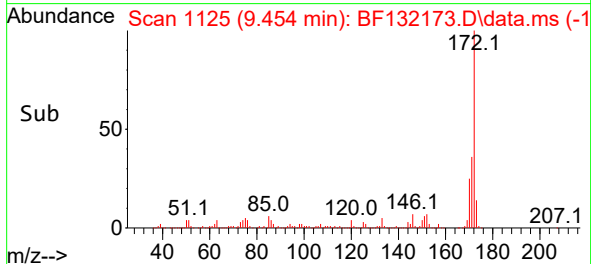
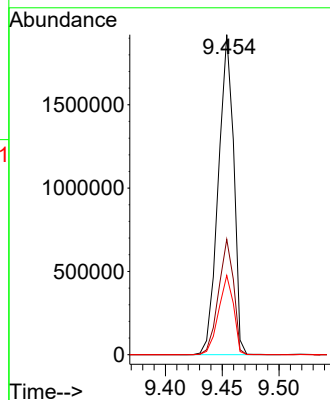
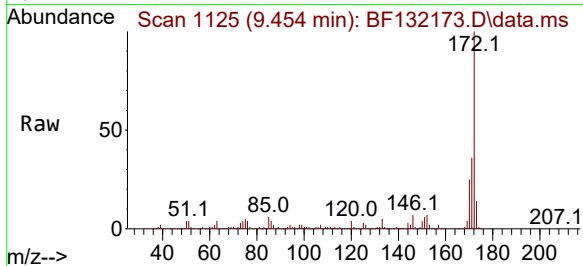




#45
2-Fluorobiphenyl
Concen: 78.031 ng
RT: 9.454 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

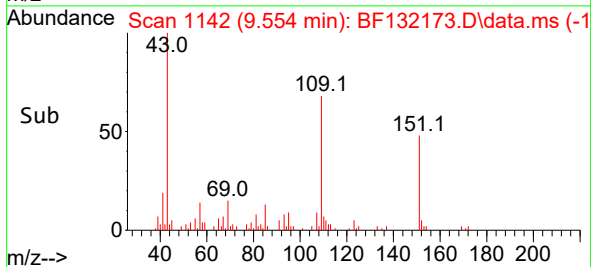
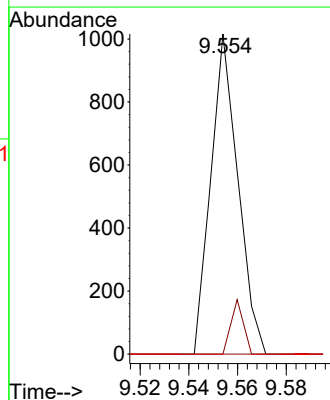
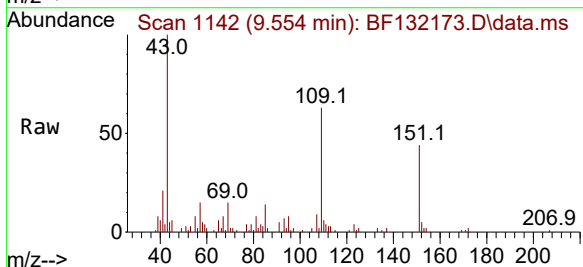
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

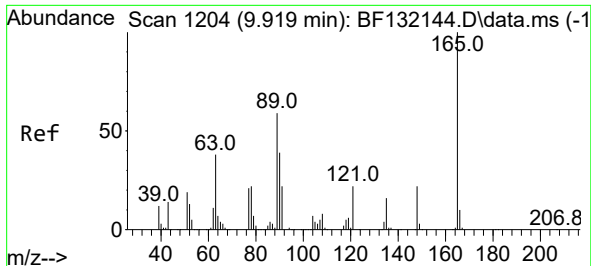
Tgt Ion:172 Resp: 1810996
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.7 19.6 29.4



#48
2-Nitroaniline
Concen: 2.647 ng
RT: 9.554 min Scan# 1142
Delta R.T. -0.124 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion: 65 Resp: 785
Ion Ratio Lower Upper
65 100
92 0.0 53.8 80.6#
138 0.0 78.7 118.1#

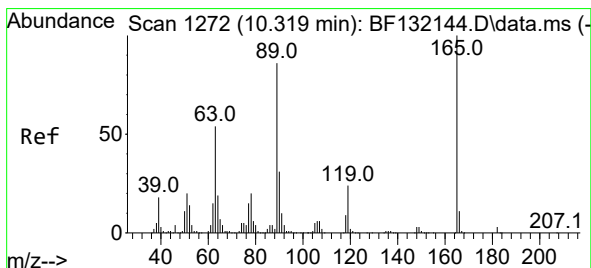
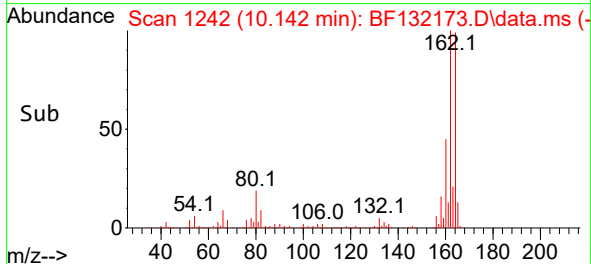
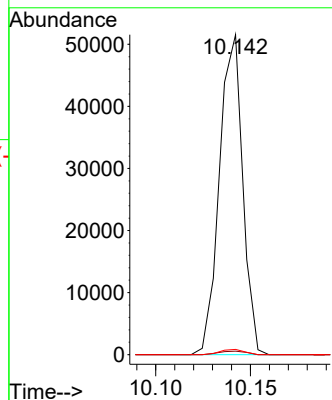
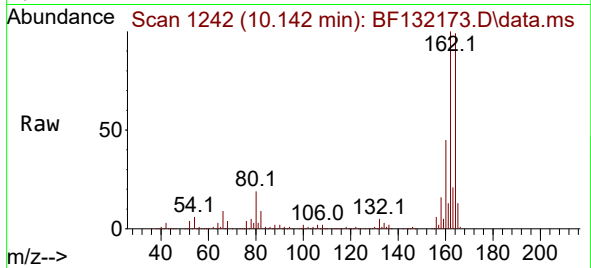




#51
2,6-Dinitrotoluene
Concen: 9.257 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

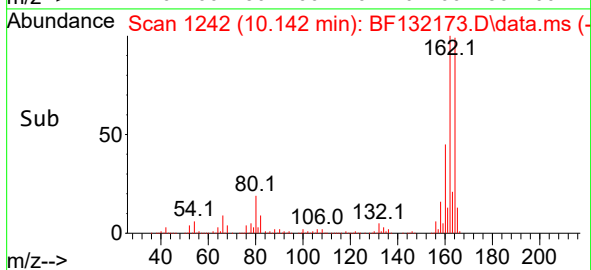
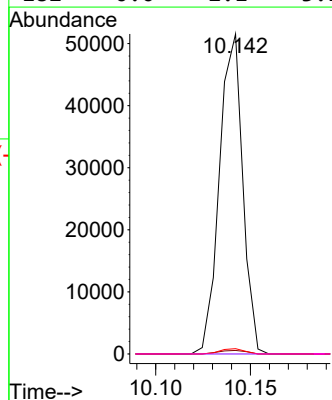
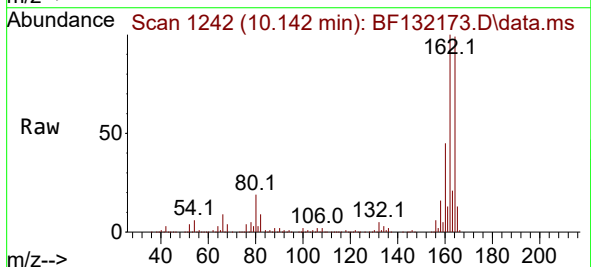
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

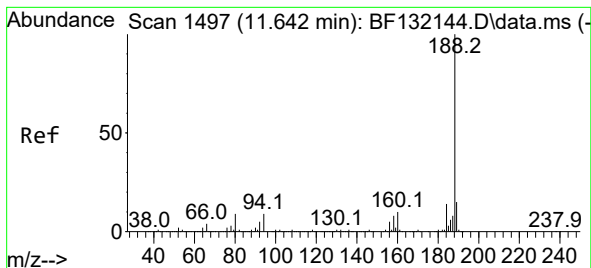
Tgt Ion:165 Resp: 44068
Ion Ratio Lower Upper
165 100
63 1.1 46.6 70.0#
89 1.6 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.712 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion:165 Resp: 44068
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.6 69.0 103.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.636 min Scan# 1497

Delta R.T. -0.006 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TJRC-011723-B3-10-20

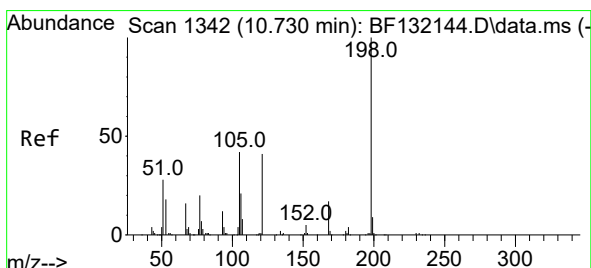
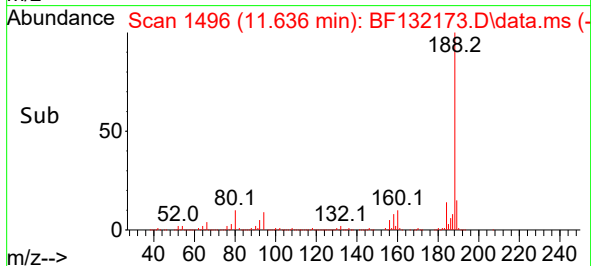
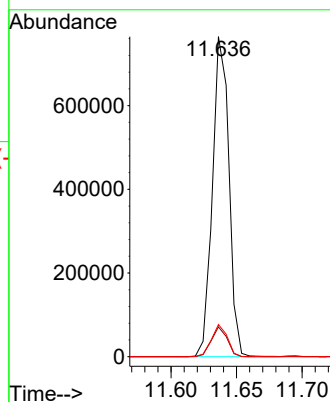
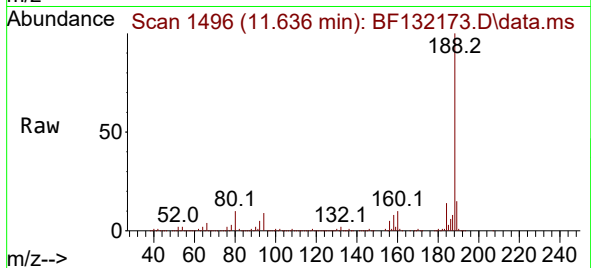
Tgt Ion:188 Resp: 668403

Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

80 10.1 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.249 ng

RT: 10.936 min Scan# 1377

Delta R.T. 0.206 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

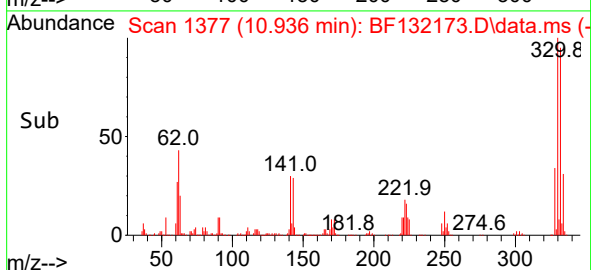
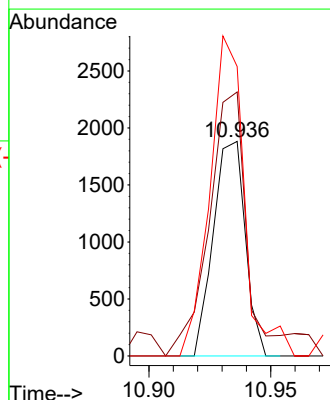
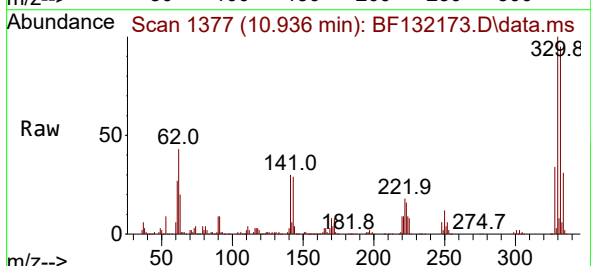
Tgt Ion:198 Resp: 1718

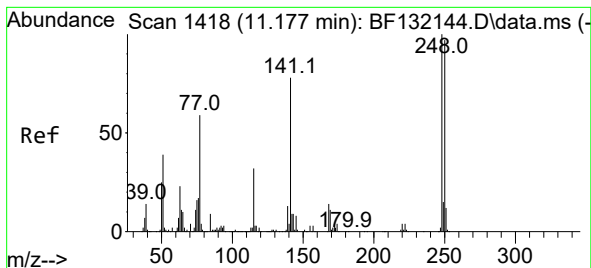
Ion Ratio Lower Upper

198 100

51 123.1 24.3 64.3#

105 134.9 23.3 63.3#





#67

4-Bromophenyl-phenylether

Concen: 4.096 ng

RT: 10.936 min Scan# 1

Delta R.T. -0.241 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TJRC-011723-B3-10-20

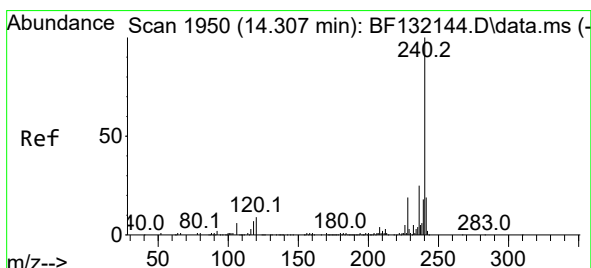
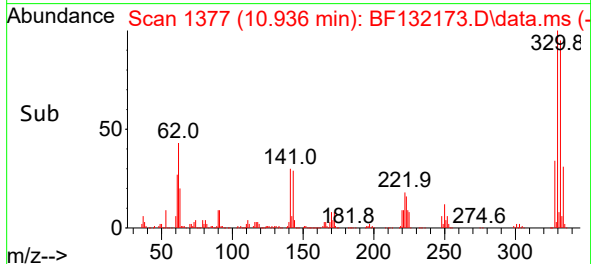
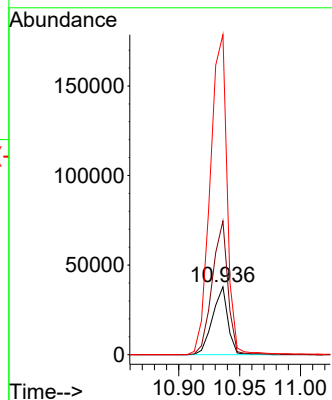
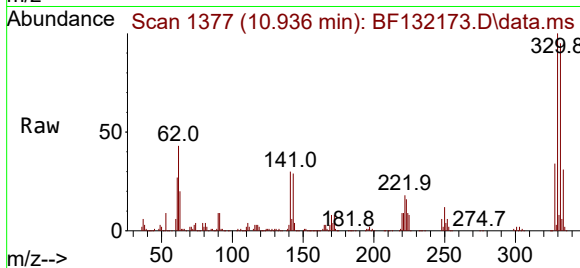
Tgt Ion:248 Resp: 33372

Ion Ratio Lower Upper

248 100

250 197.0 77.4 116.0#

141 471.9 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: BF132173.D

Acq: 20 Jan 2023 21:41

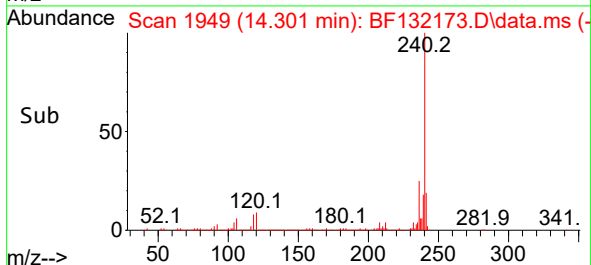
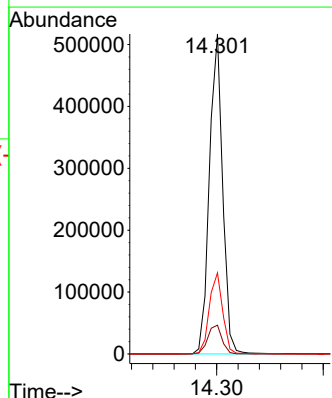
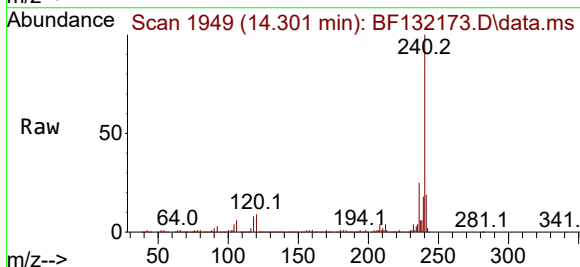
Tgt Ion:240 Resp: 447513

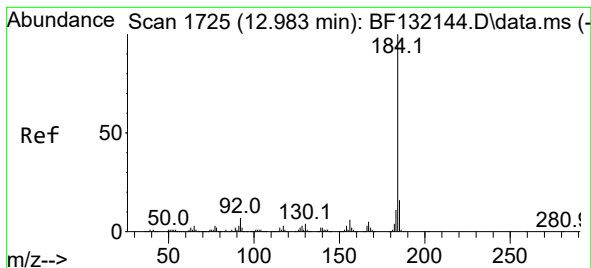
Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 25.3 20.3 30.5





#77

Benzidine

Concen: 2.831 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.253 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TJRC-011723-B3-10-20

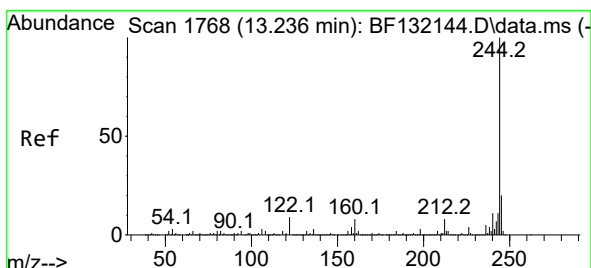
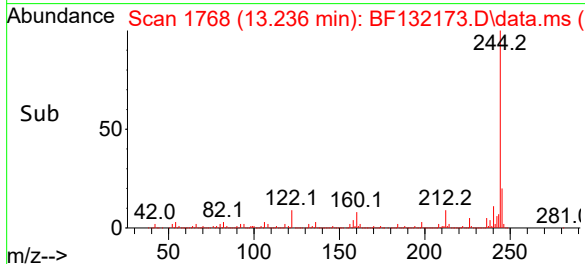
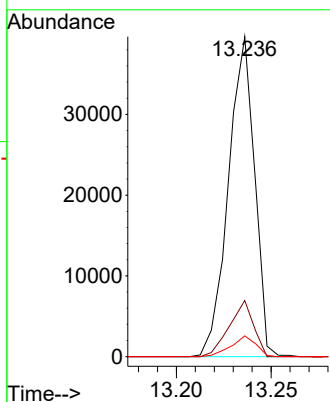
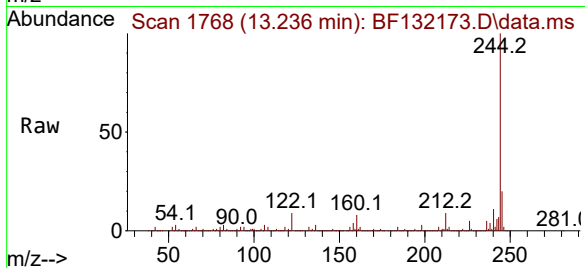
Tgt Ion:184 Resp: 38036

Ion Ratio Lower Upper

184 100

185 17.5 12.5 18.7

183 6.5 9.0 13.4#



#79

Terphenyl-d14

Concen: 85.727 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

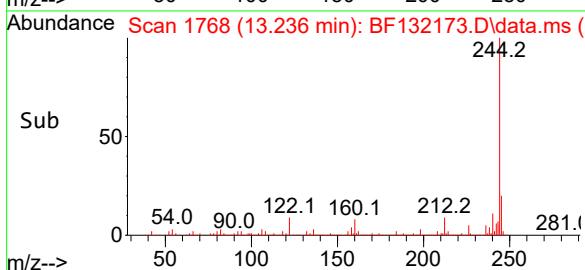
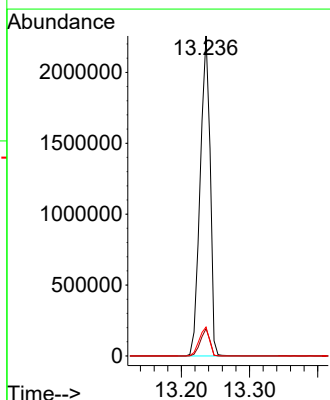
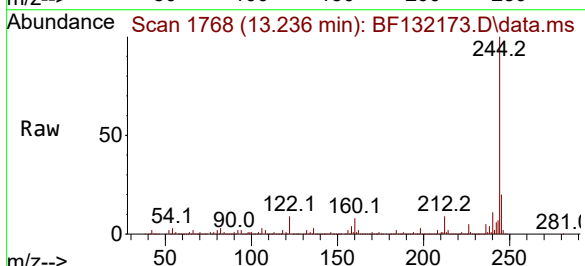
Tgt Ion:244 Resp: 2290246

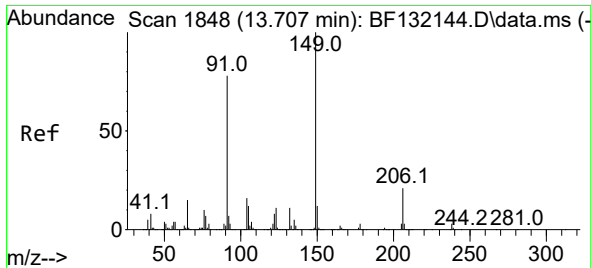
Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

122 9.1 7.4 11.2

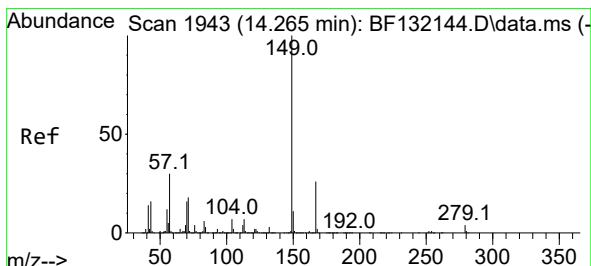
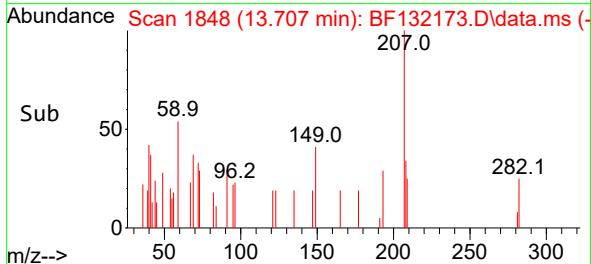
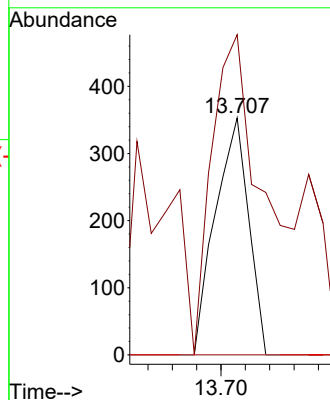
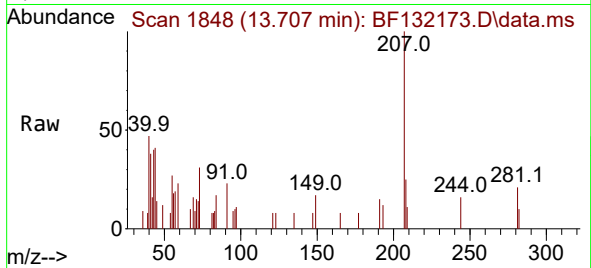




#80
Butylbenzylphthalate
Concen: 2.944 ng
RT: 13.707 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

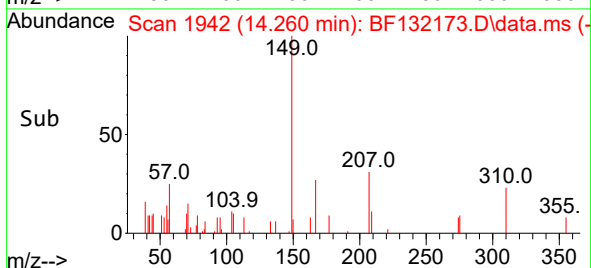
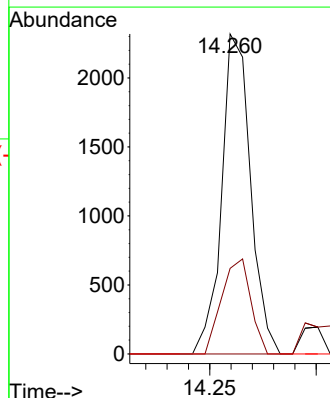
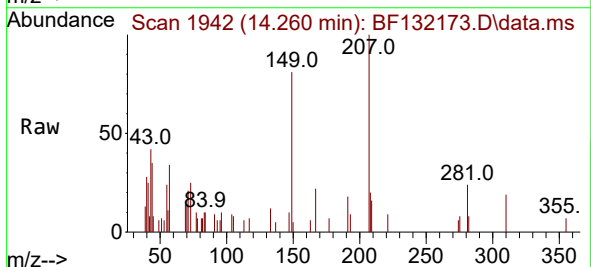
Instrument :
BNA_F
ClientSampleId :
TJRC-011723-B3-10-20

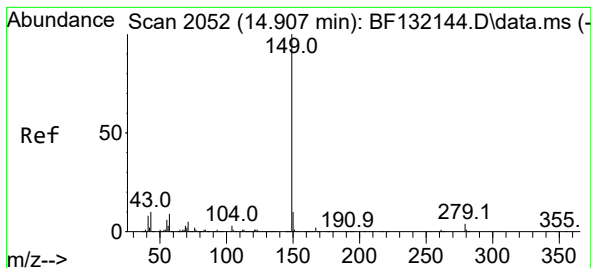
Tgt Ion:149 Resp: 335
Ion Ratio Lower Upper
149 100
91 135.1 62.6 94.0#
206 0.0 16.4 24.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.605 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BF132173.D
Acq: 20 Jan 2023 21:41

Tgt Ion:149 Resp: 2188
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 0.0 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: BF132173.D

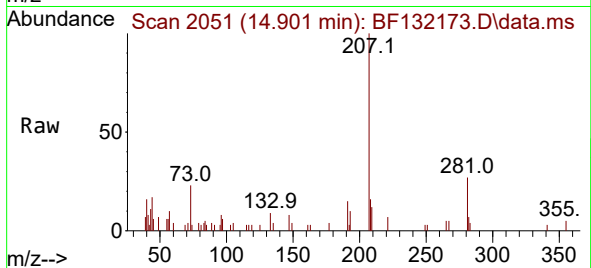
Acq: 20 Jan 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TJRC-011723-B3-10-20



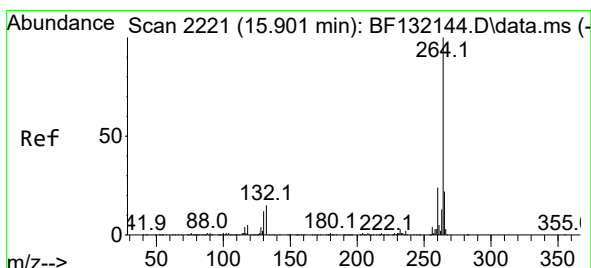
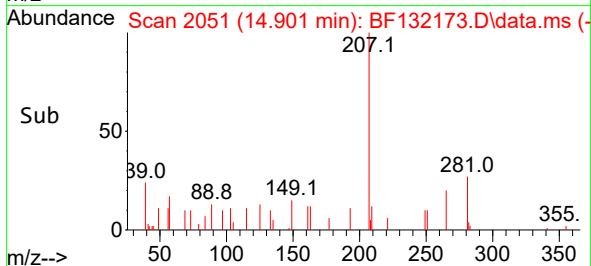
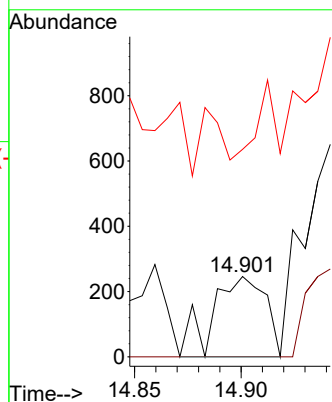
Tgt Ion:149 Resp: 429

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 30.1 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF132173.D

Acq: 20 Jan 2023 21:41

Tgt Ion:264 Resp: 369959

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.0 17.4 26.0

