

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132221.D
 Acq On : 30 Jan 2023 20:47
 Operator : CG\JU
 Sample : 01243-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-011923-B4-30-40

Quant Time: Jan 31 00:34:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

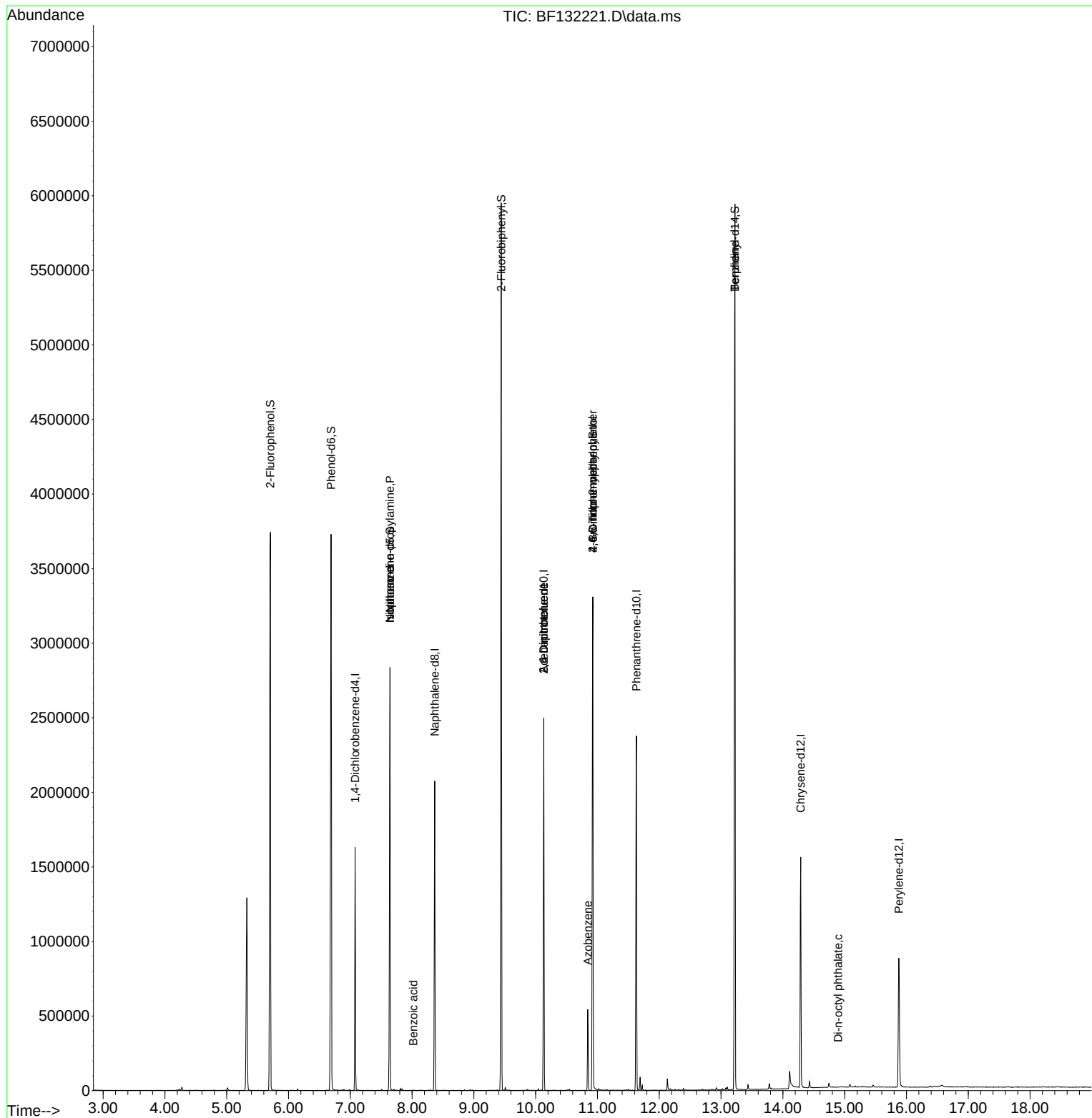
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	223758	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	827456	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	446700	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	875937	20.000	ng	0.00
76) Chrysene-d12	14.289	240	496483	20.000	ng	0.00
86) Perylene-d12	15.877	264	423060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1247293	92.746	ng	0.01
7) Phenol-d6	6.690	99	1569608	93.082	ng	0.00
23) Nitrobenzene-d5	7.642	82	940633	59.513	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	402509	97.310	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1723262	56.765	ng	0.00
79) Terphenyl-d14	13.224	244	2074270	65.640	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	118908	11.716	ng	# 76
25) Isophorone	7.642	82	940622	30.945	ng	# 67
32) Benzoic acid	8.019	122	792	7.377	ng	# 90
51) 2,6-Dinitrotoluene	10.131	165	57609	8.945	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	57609	7.266	ng	# 20
63) Azobenzene	10.842	77	85346	2.737	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.925	198	1091	5.535	ng	# 8
67) 4-Bromophenyl-phenylether	10.925	248	27431	2.720	ng	# 1
77) Benzidine	13.224	184	29552	2.280	ng	# 95
85) Di-n-octyl phthalate	14.895	149	79	5.259	ng	# 1

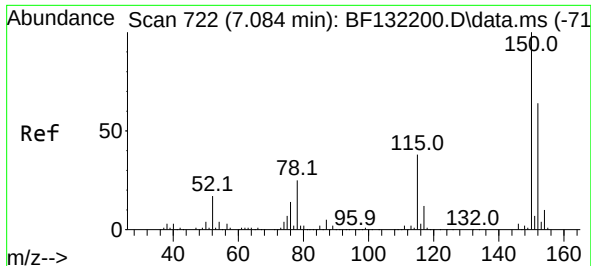
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
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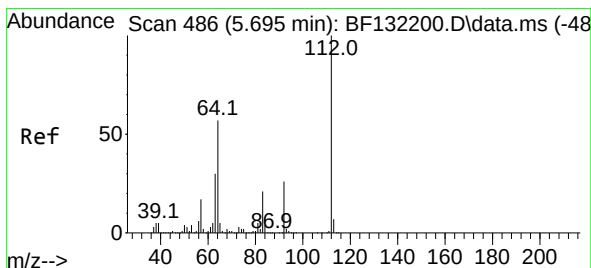
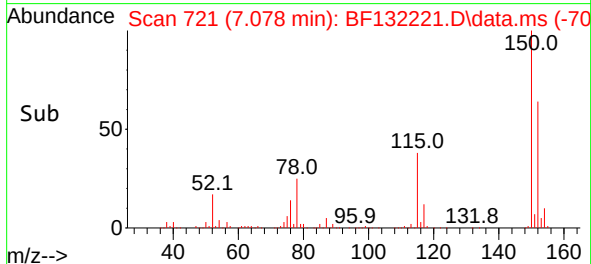
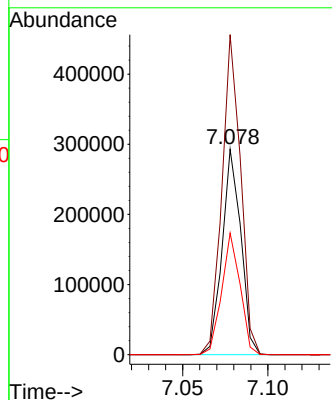
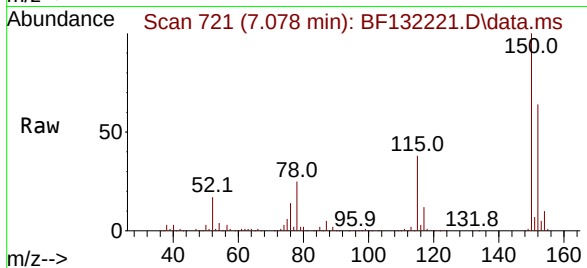




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

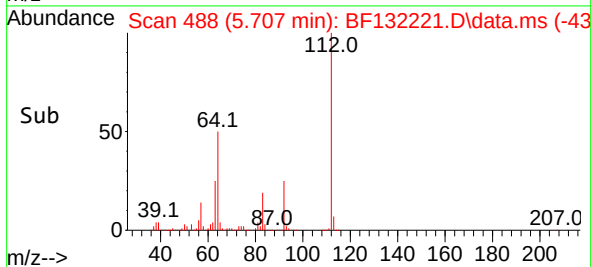
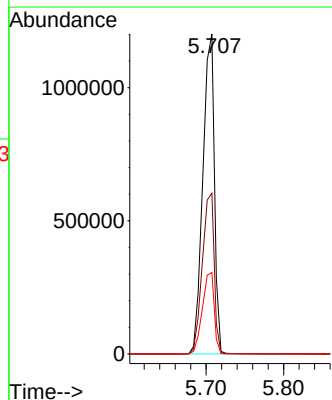
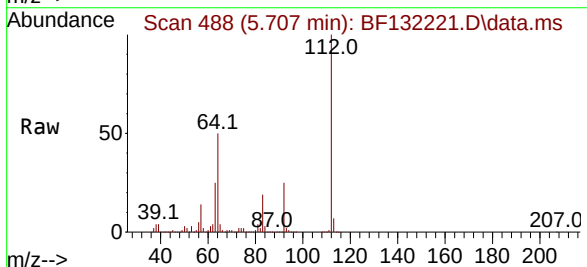
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

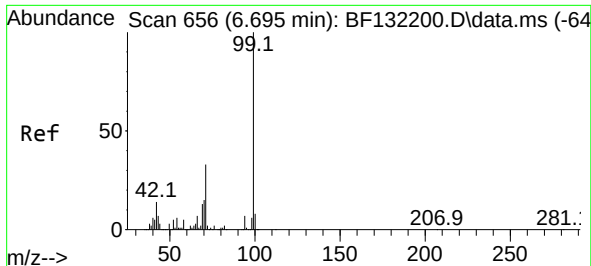
Tgt Ion:152 Resp: 223758
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 59.2 47.0 70.6



#5
2-Fluorophenol
Concen: 92.746 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

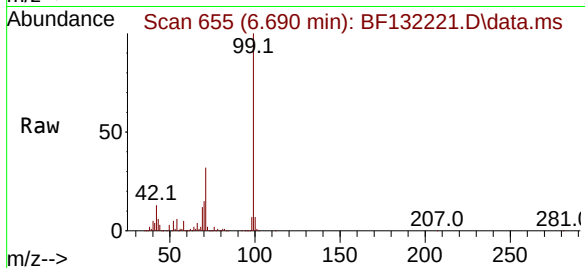
Tgt Ion:112 Resp: 1247293
Ion Ratio Lower Upper
112 100
64 50.3 45.5 68.3
63 25.5 23.7 35.5





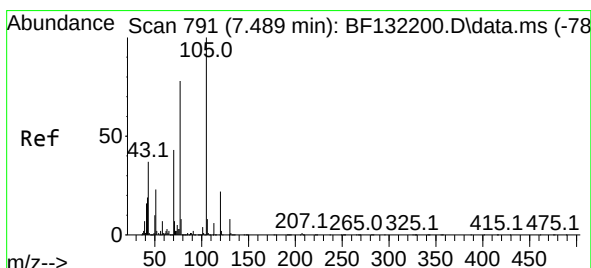
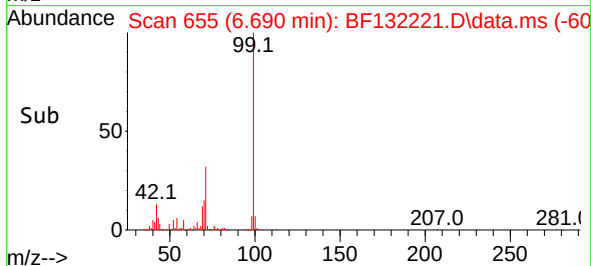
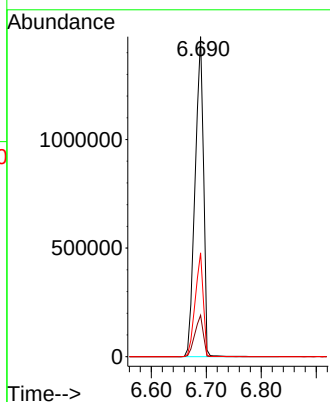
#7
Phenol-d6
Concen: 93.082 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40



Tgt Ion: 99 Resp: 1569608

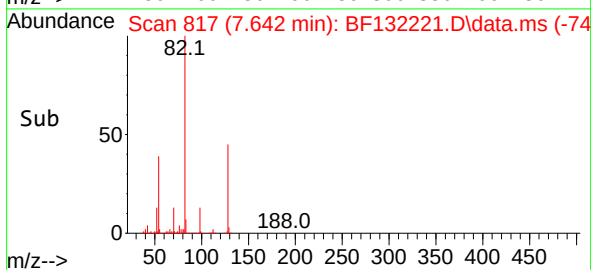
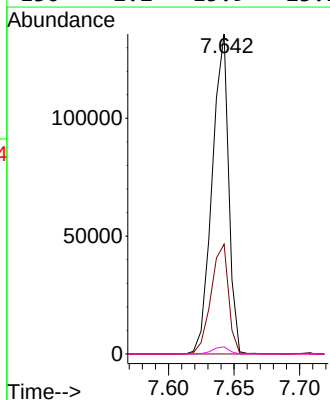
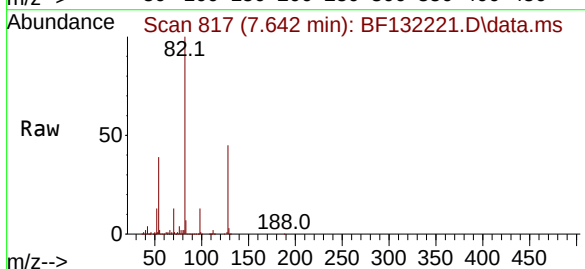
Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.3	16.9
71	32.4	26.3	39.5

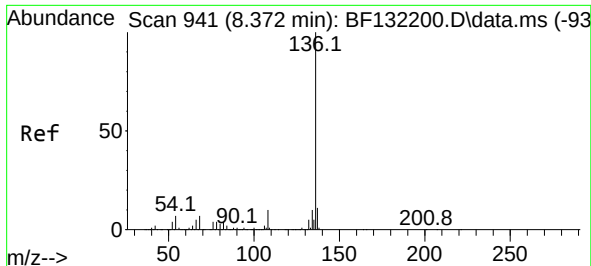


#19
n-Nitroso-di-n-propylamine
Concen: 11.716 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion: 70 Resp: 118908

Ion	Ratio	Lower	Upper
70	100		
42	34.3	36.2	54.4#
101	0.0	7.9	11.9#
130	2.2	15.9	23.9#

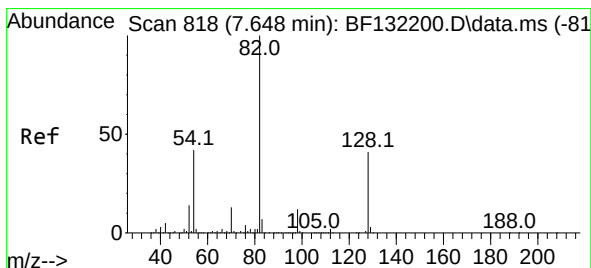
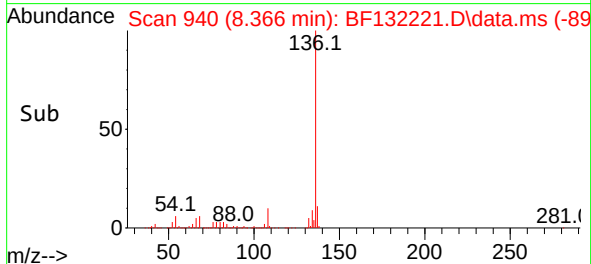
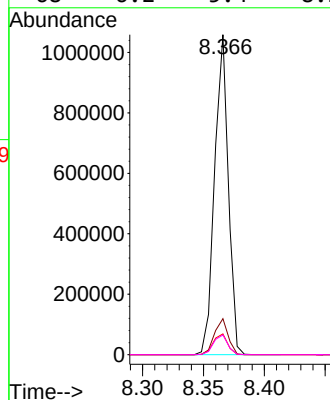
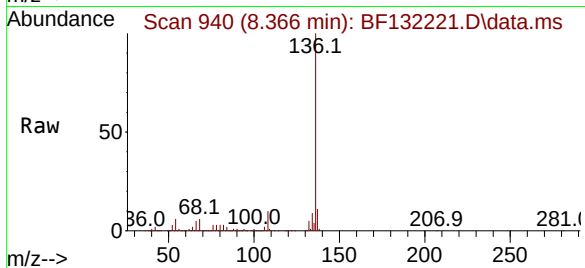




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

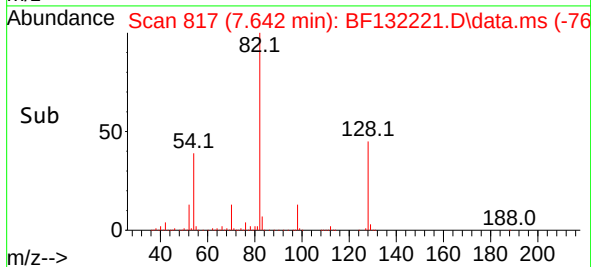
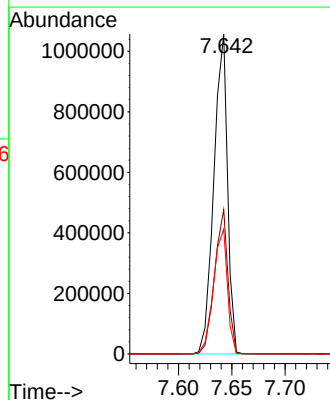
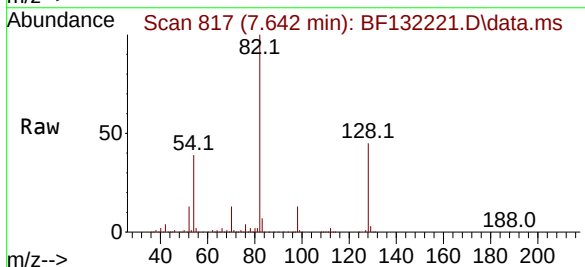
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

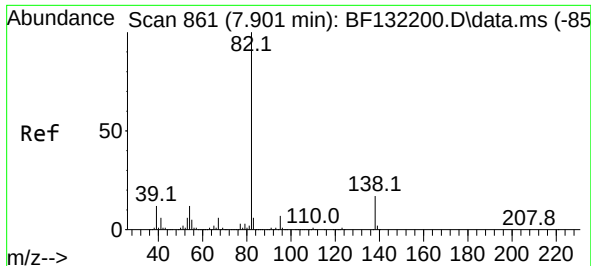
Tgt Ion:136 Resp: 827456
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.5 5.4 8.2
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 59.513 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion: 82 Resp: 940633
Ion Ratio Lower Upper
82 100
128 45.1 32.7 49.1
54 39.0 33.3 49.9

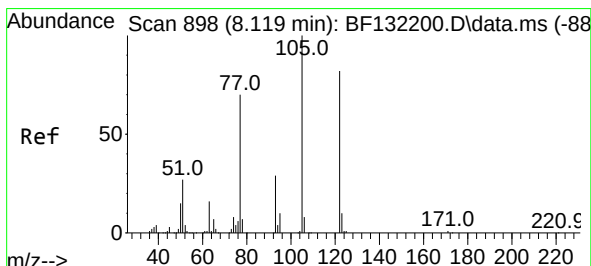
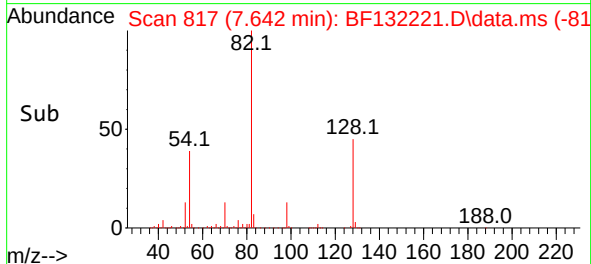
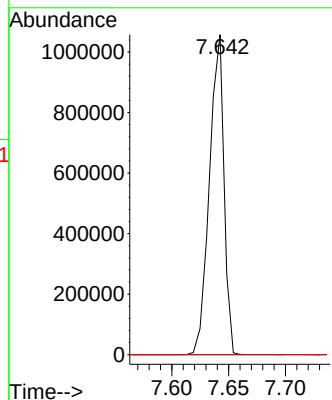
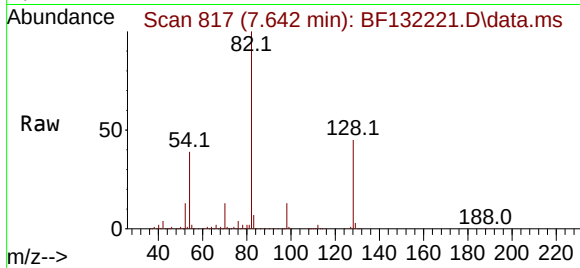




#25
Isophorone
Concen: 30.945 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

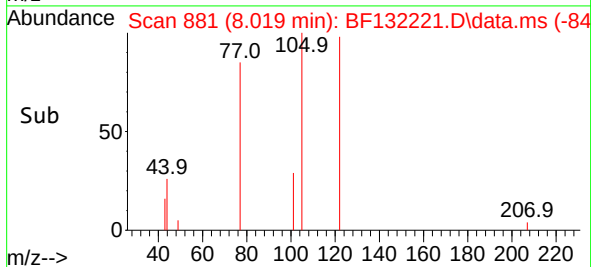
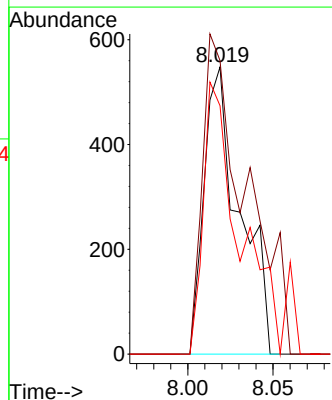
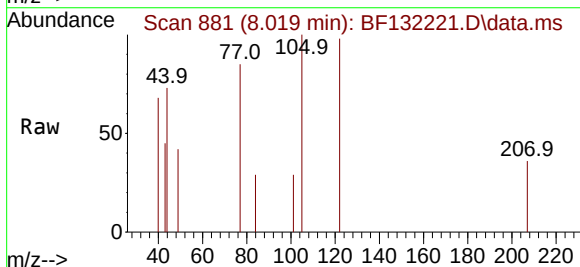
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

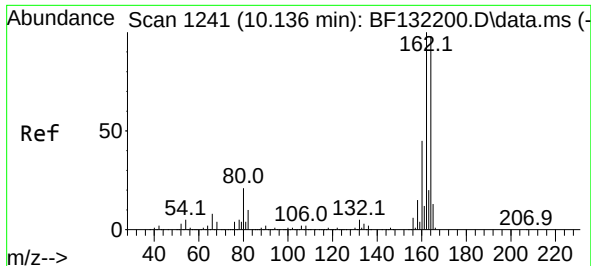
Tgt Ion: 82 Resp: 940622
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.377 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.100 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion:122 Resp: 792
Ion Ratio Lower Upper
122 100
105 102.2 101.5 141.5
77 86.5 66.5 106.5

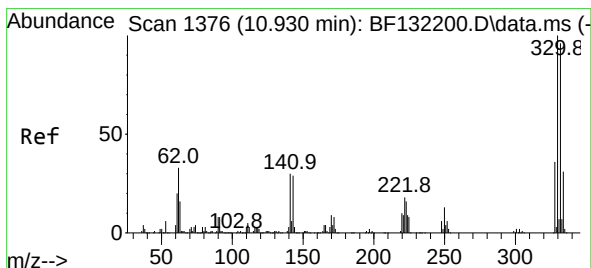
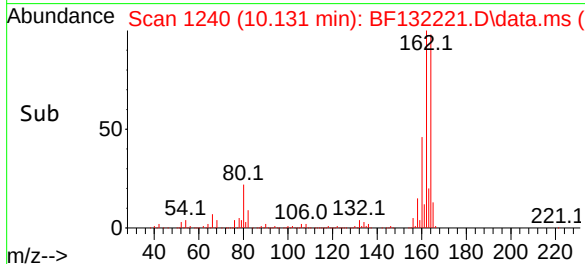
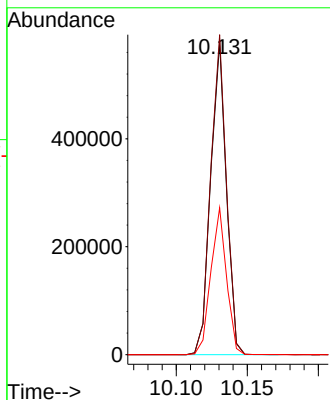
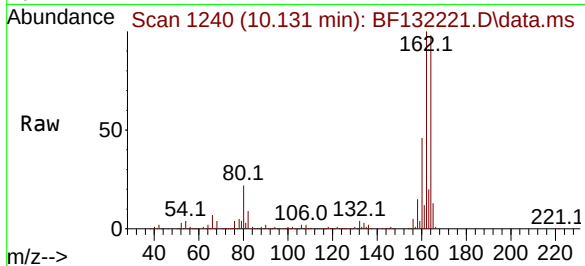




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

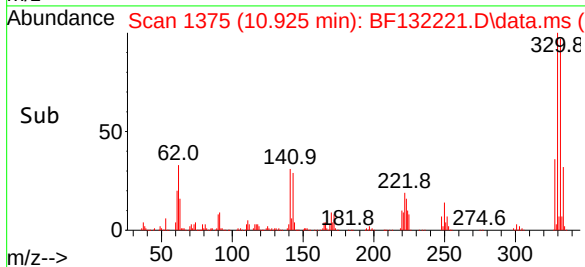
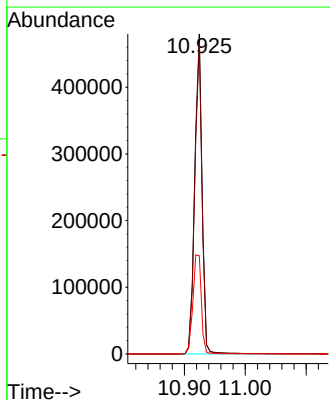
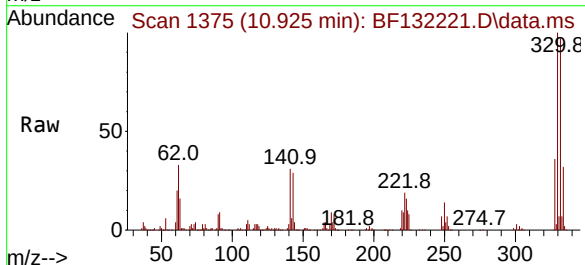
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

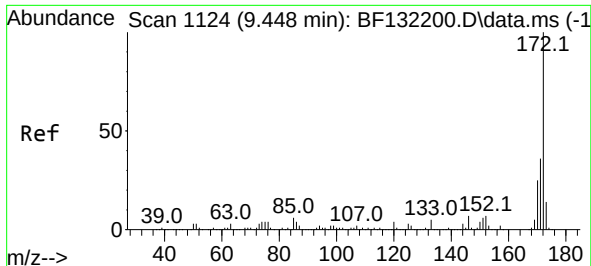
Tgt Ion:164 Resp: 446700
Ion Ratio Lower Upper
164 100
162 102.4 81.5 122.3
160 47.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 97.310 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion:330 Resp: 402509
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 35.8 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 56.765 ng

RT: 9.442 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-30-40

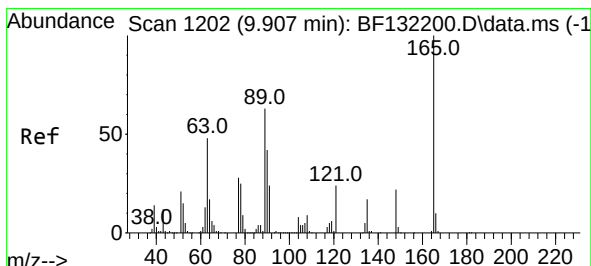
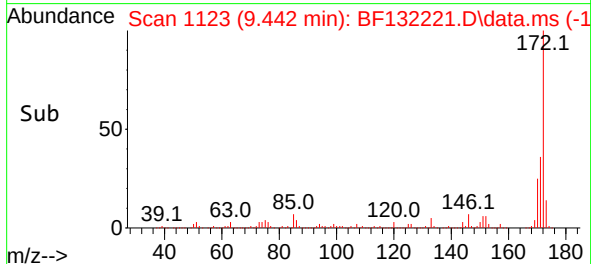
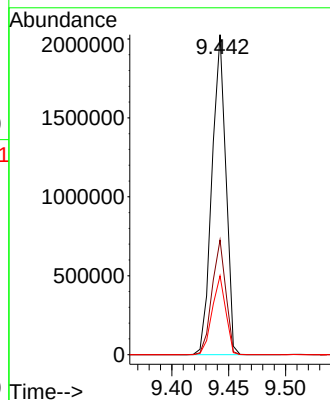
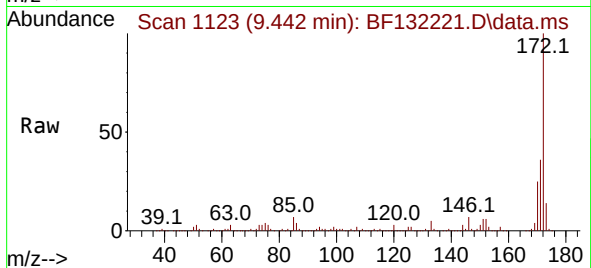
Tgt Ion:172 Resp: 1723262

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 24.7 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.945 ng

RT: 10.131 min Scan# 1240

Delta R.T. 0.223 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

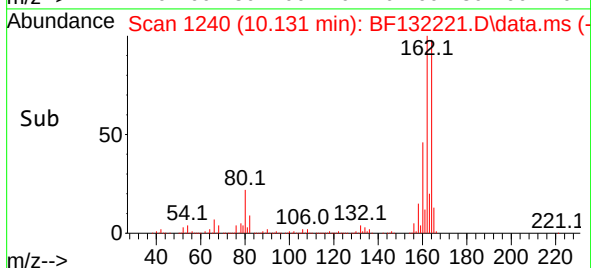
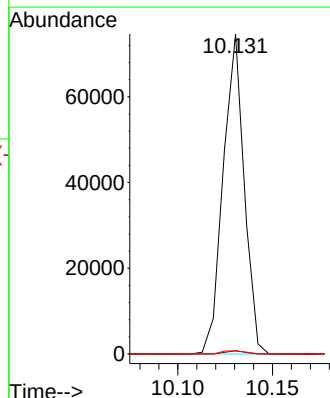
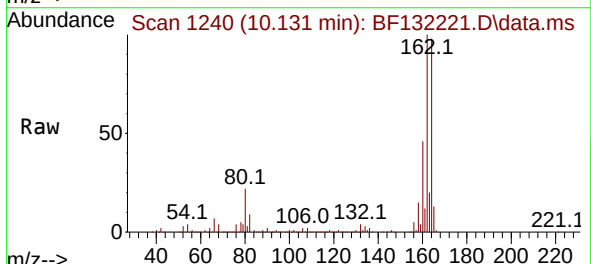
Tgt Ion:165 Resp: 57609

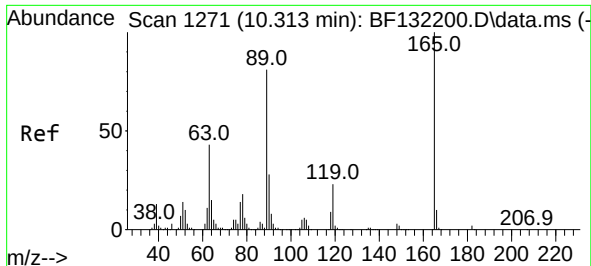
Ion Ratio Lower Upper

165 100

63 1.0 46.1 69.1#

89 0.9 50.3 75.5#

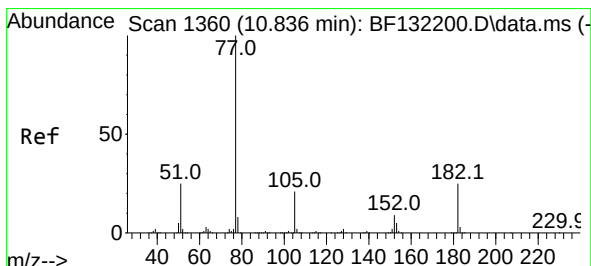
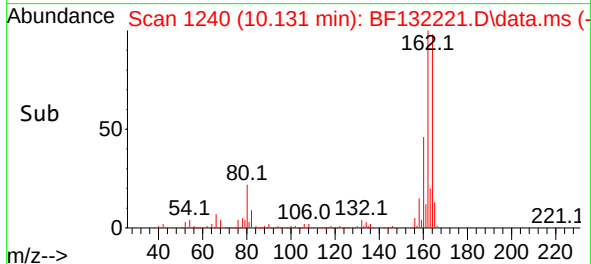
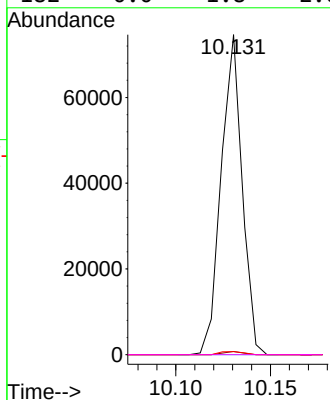
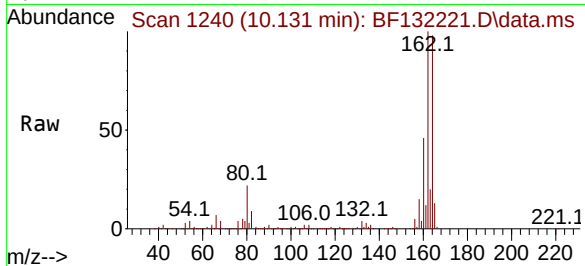




#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

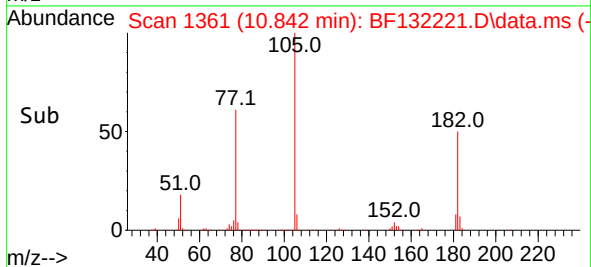
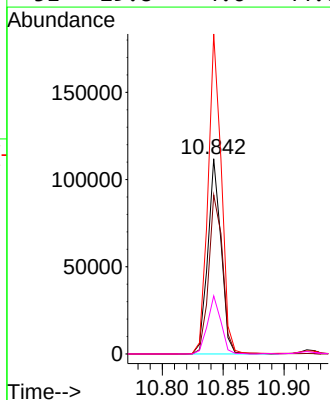
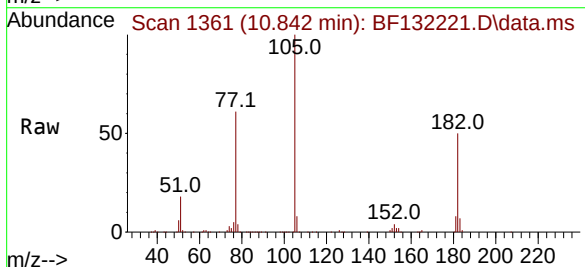
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

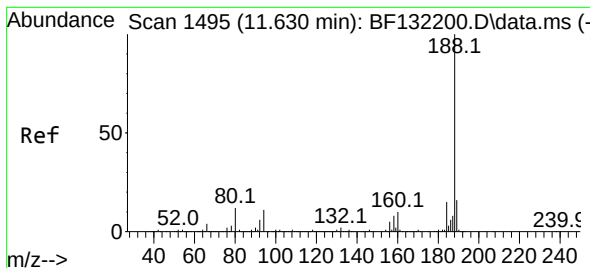
Tgt Ion:165 Resp: 57609
Ion Ratio Lower Upper
165 100
63 1.0 34.2 51.2#
89 0.9 65.1 97.7#
182 0.0 1.8 2.6#



#63
Azobenzene
Concen: 2.737 ng
RT: 10.842 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion: 77 Resp: 85346
Ion Ratio Lower Upper
77 100
182 81.5 4.7 44.7#
105 163.9 1.1 41.1#
51 29.8 4.6 44.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.630 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-30-40

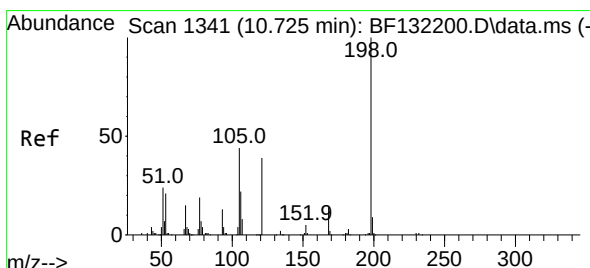
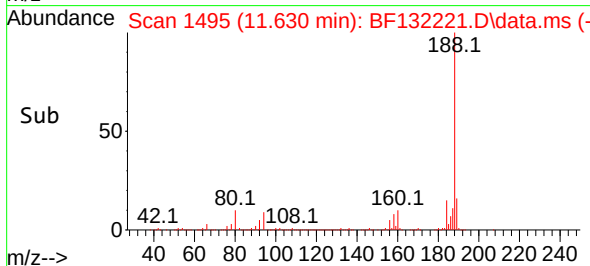
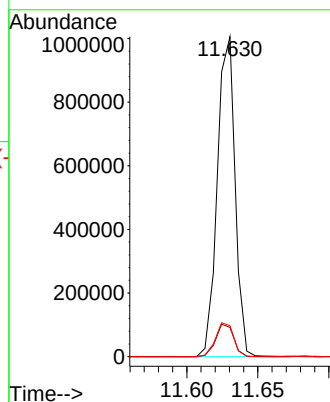
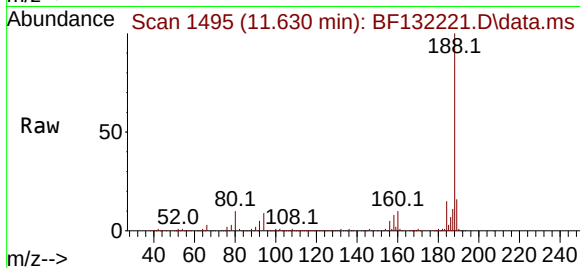
Tgt Ion:188 Resp: 875937

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

80 9.7 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.535 ng

RT: 10.925 min Scan# 1375

Delta R.T. 0.200 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

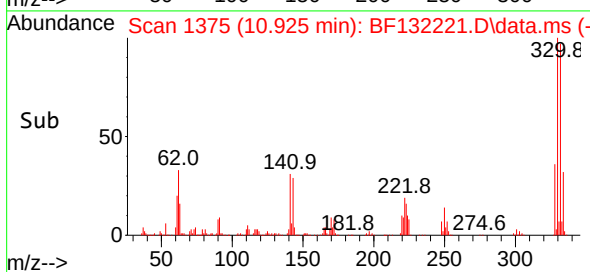
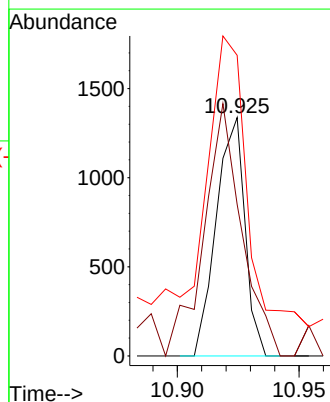
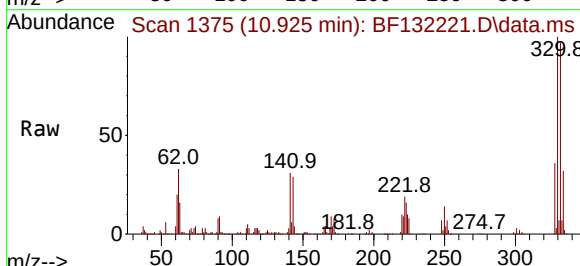
Tgt Ion:198 Resp: 1091

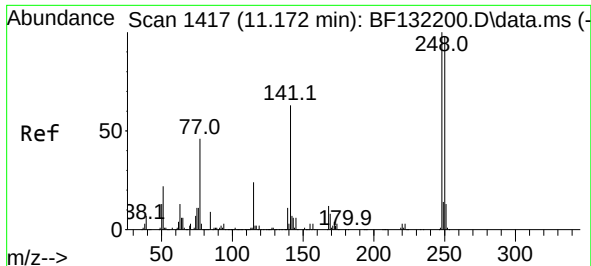
Ion Ratio Lower Upper

198 100

51 63.6 14.9 54.9#

105 126.1 24.2 64.2#

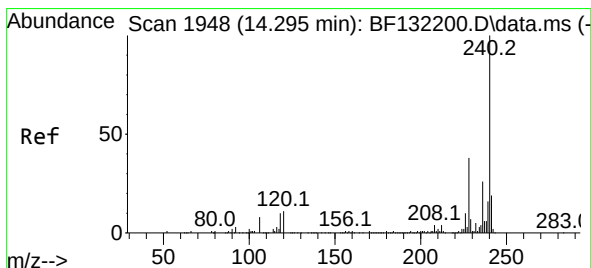
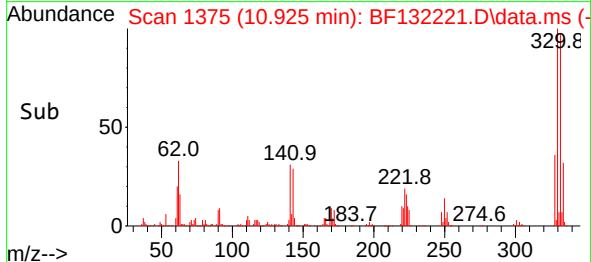
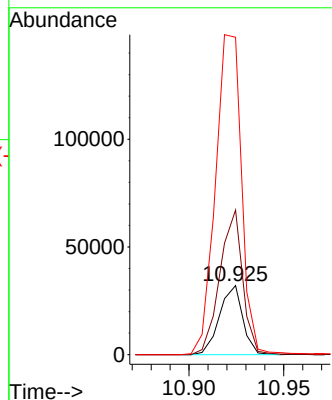
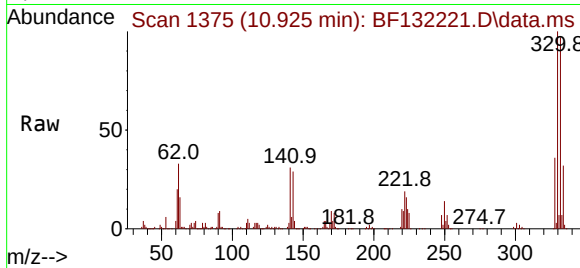




#67
4-Bromophenyl-phenylether
Concen: 2.720 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

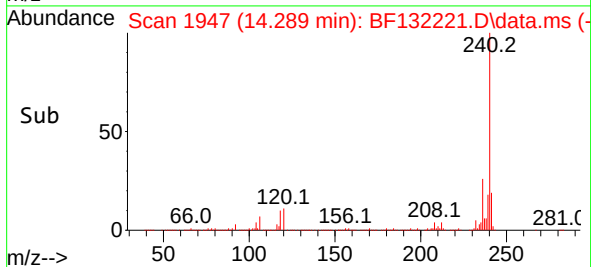
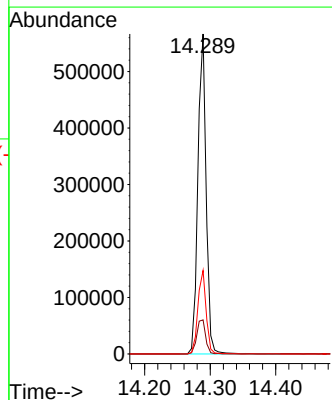
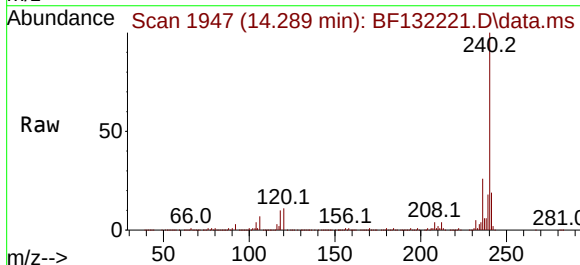
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

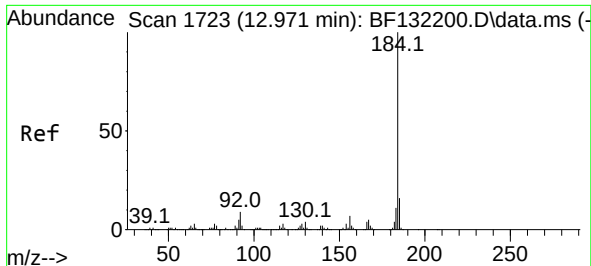
Tgt Ion:248 Resp: 27431
Ion Ratio Lower Upper
248 100
250 209.0 78.5 117.7#
141 459.0 50.2 75.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion:240 Resp: 496483
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.1 20.8 31.2

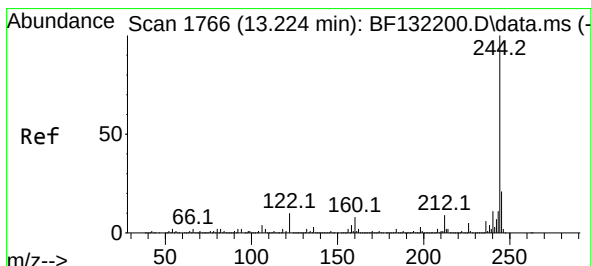
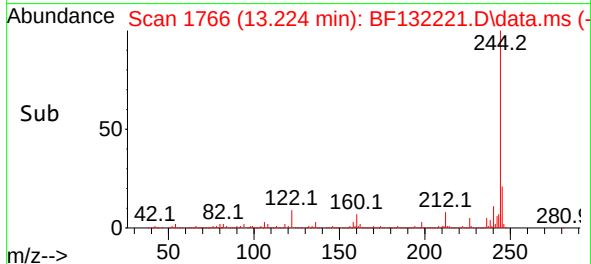
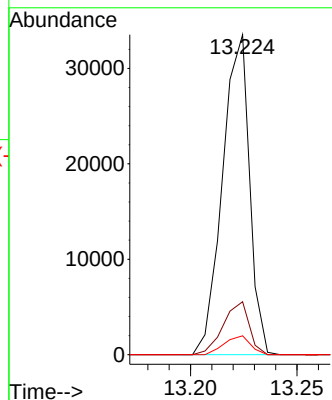
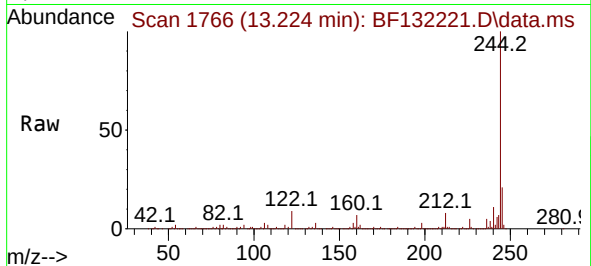




#77
Benzidine
Concen: 2.280 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.253 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

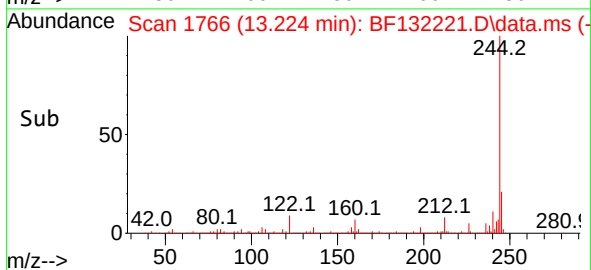
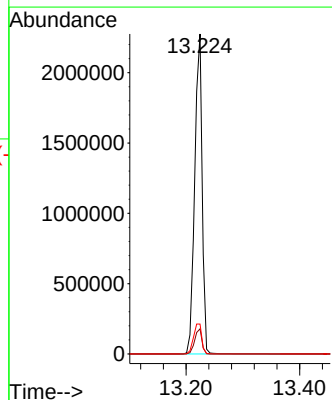
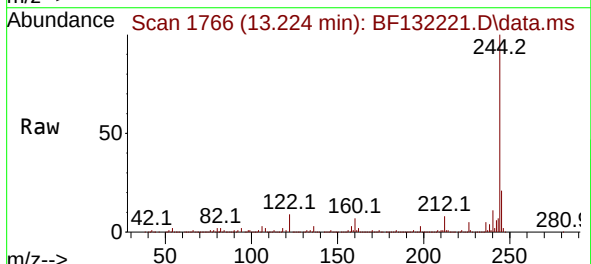
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

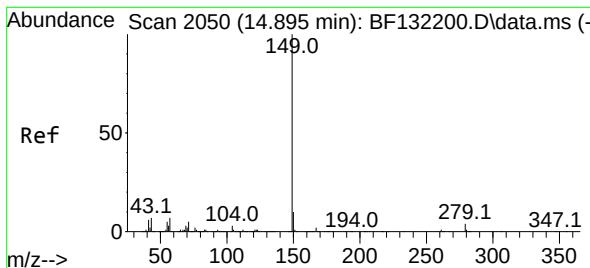
Tgt Ion:184 Resp: 29552
Ion Ratio Lower Upper
184 100
185 16.6 13.2 19.8
183 5.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 65.640 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion:244 Resp: 2074270
Ion Ratio Lower Upper
244 100
212 7.9 6.8 10.2
122 9.3 8.3 12.5





#85

Di-n-octyl phthalate

Concen: 5.259 ng

RT: 14.895 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BF132221.D

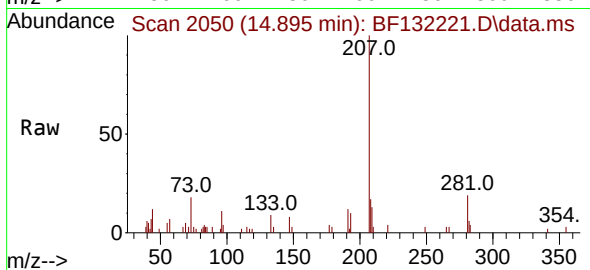
Acq: 30 Jan 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-30-40



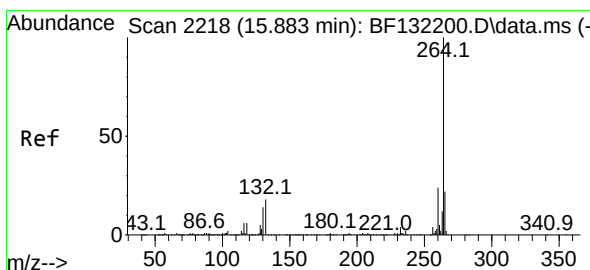
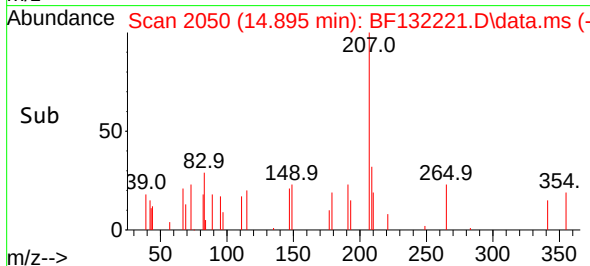
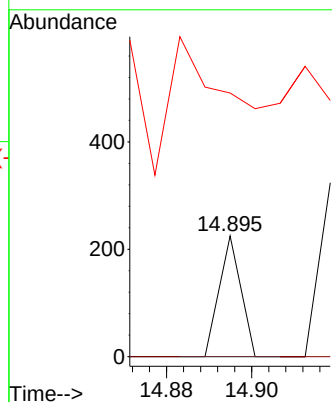
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 312.7 6.6 10.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

Tgt Ion:264 Resp: 423060

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 17.4 26.2

