

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132217.D
 Acq On : 30 Jan 2023 18:34
 Operator : CG\JU
 Sample : 01243-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-011923-B4-20-30

Quant Time: Jan 31 00:32:05 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)

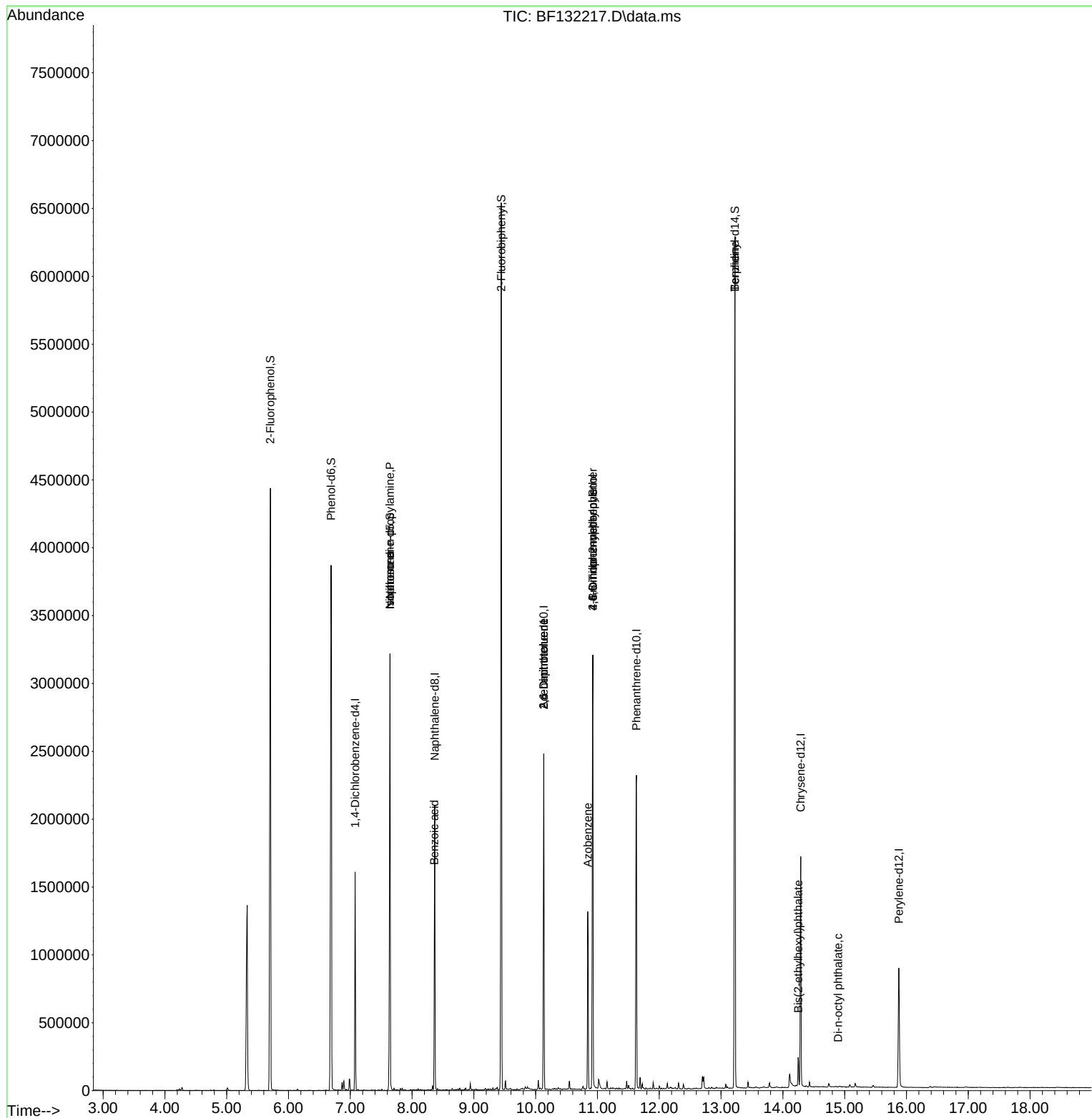
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	221749	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	829328	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	454440	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	894067	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	532037	20.000	ng	0.00
86) Perylene-d12	15.877	264	420724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1431814	107.431	ng	0.01
7) Phenol-d6	6.690	99	1805095	108.017	ng	0.00
23) Nitrobenzene-d5	7.642	82	1081696	68.284	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	389931	92.663	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1937569	62.737	ng	0.00
79) Terphenyl-d14	13.224	244	2216499	65.454	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	137154	13.636	ng	# 77
25) Isophorone	7.642	82	1081670	35.505	ng	# 67
32) Benzoic acid	8.360	122	128	7.311	ng	# 1
51) 2,6-Dinitrotoluene	10.131	165	59199	9.035	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	59199	7.339	ng	# 20
63) Azobenzene	10.842	77	213824	6.739	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.925	198	1003	5.514	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	26735	2.597	ng	# 1
77) Benzidine	13.224	184	32415	2.334	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.248	149	61012	3.500	ng	95
85) Di-n-octyl phthalate	14.895	149	332	5.266	ng	# 80

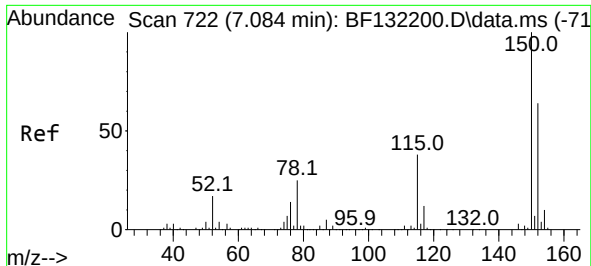
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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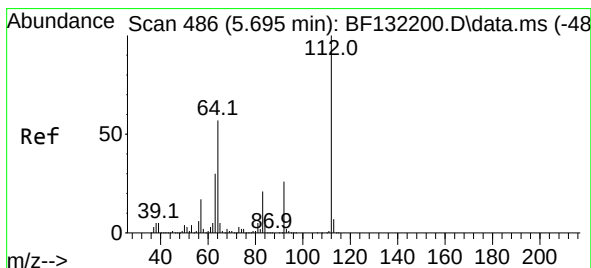
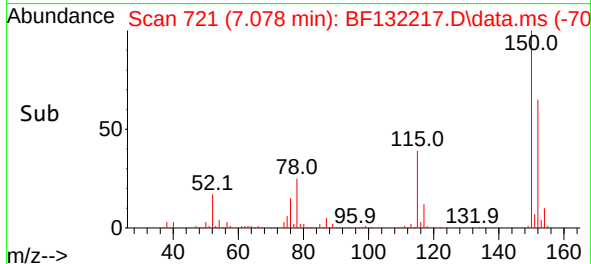
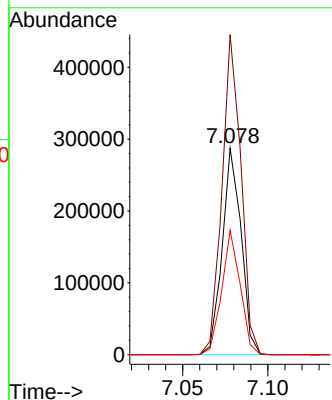
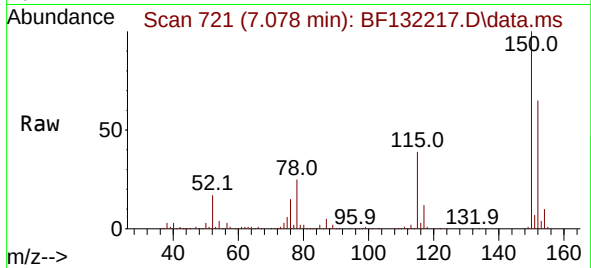




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

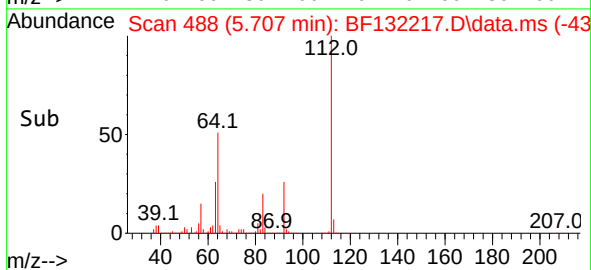
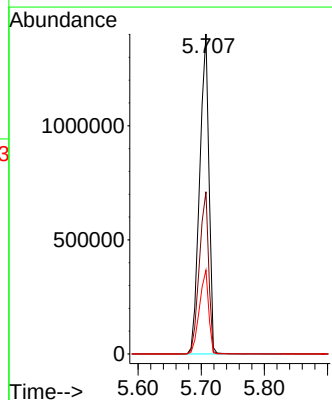
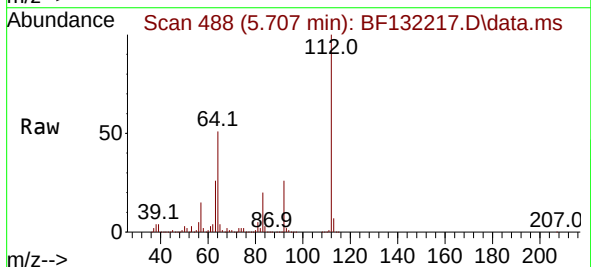
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

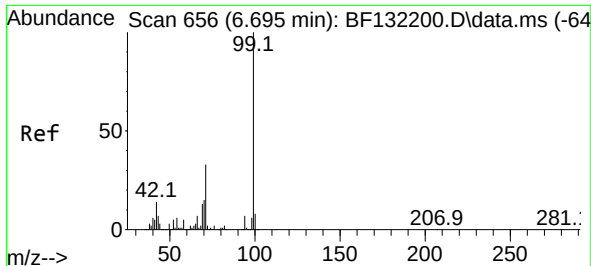
Tgt Ion:152 Resp: 221749
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 60.3 47.0 70.6



#5
2-Fluorophenol
Concen: 107.431 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

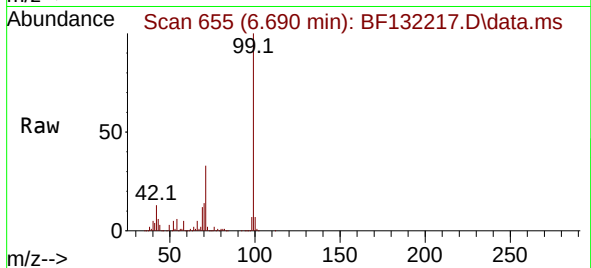
Tgt Ion:112 Resp: 1431814
Ion Ratio Lower Upper
112 100
64 50.7 45.5 68.3
63 26.2 23.7 35.5





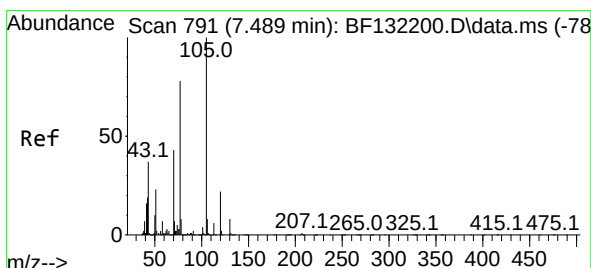
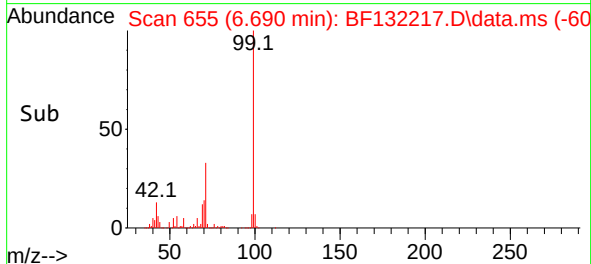
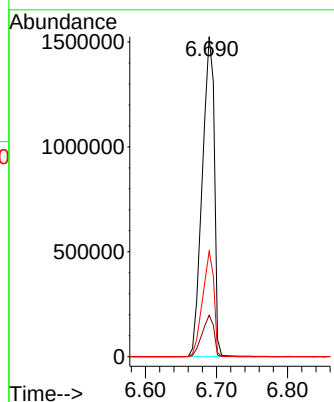
#7
Phenol-d6
Concen: 108.017 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30



Tgt Ion: 99 Resp: 1805095

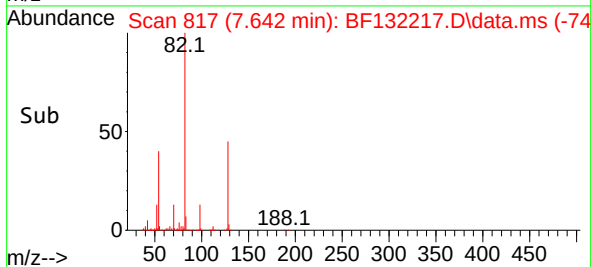
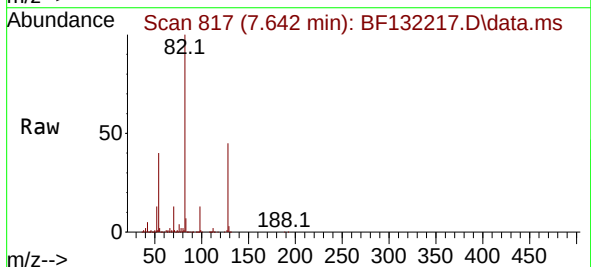
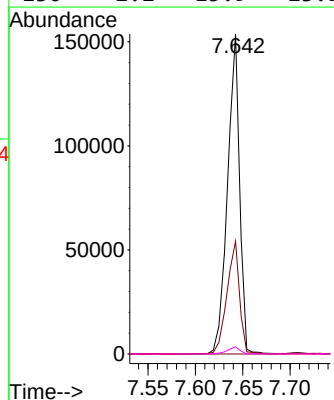
Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.3	16.9
71	32.9	26.3	39.5

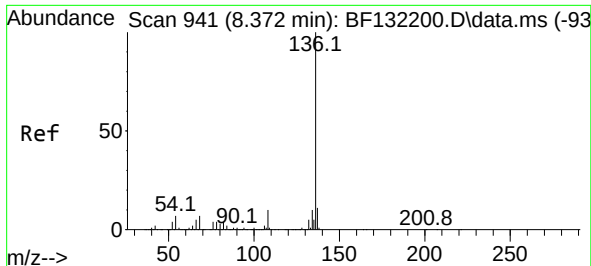


#19
n-Nitroso-di-n-propylamine
Concen: 13.636 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion: 70 Resp: 137154

Ion	Ratio	Lower	Upper
70	100		
42	35.3	36.2	54.4#
101	0.0	7.9	11.9#
130	2.2	15.9	23.9#



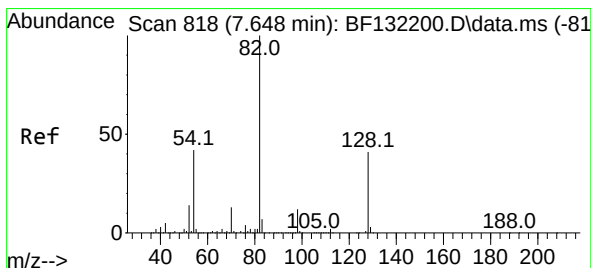
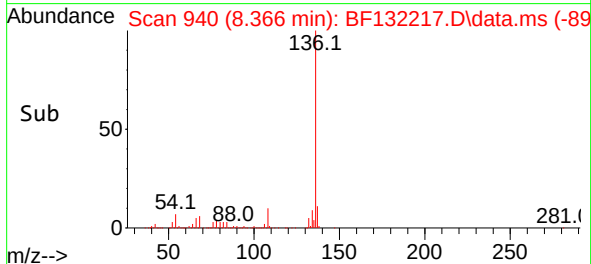
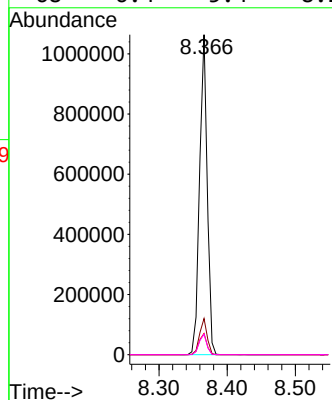
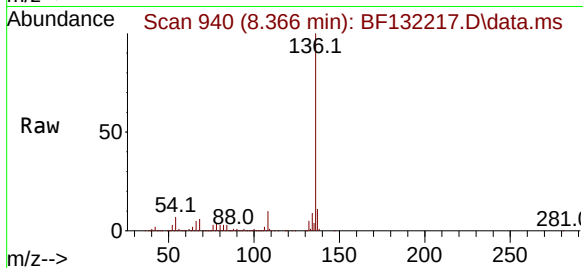


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

Tgt Ion:136 Resp: 829328

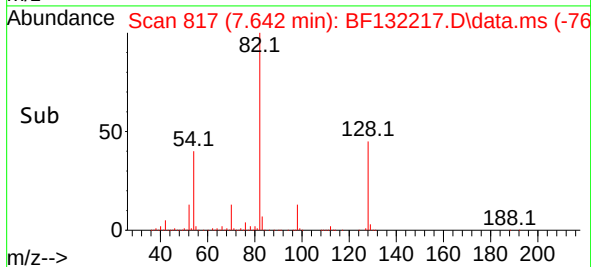
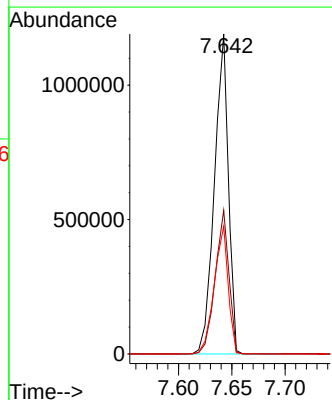
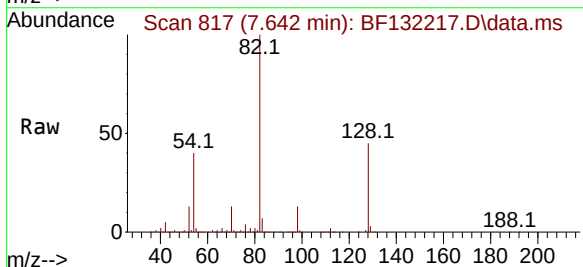
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.6	5.4	8.2
68	6.4	5.4	8.2

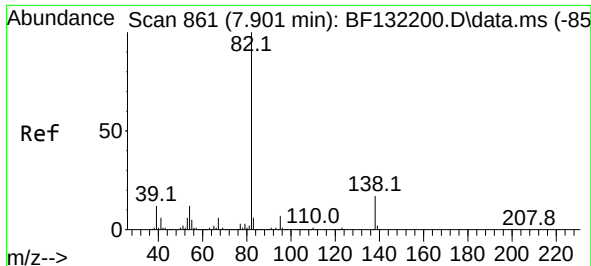


#23
Nitrobenzene-d5
Concen: 68.284 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion: 82 Resp: 1081696

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.7	49.1
54	39.9	33.3	49.9

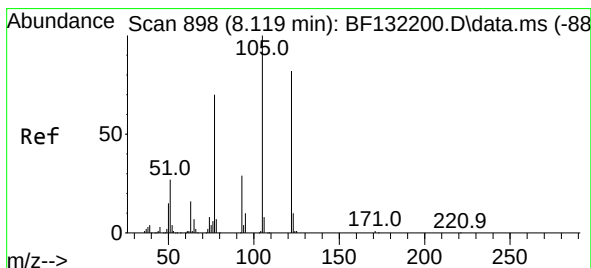
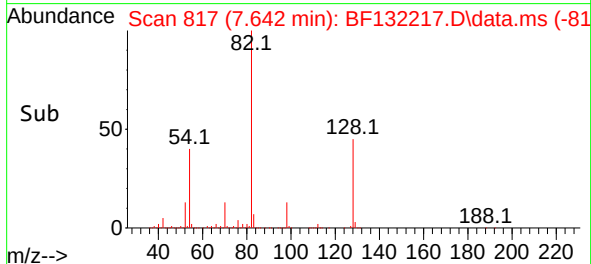
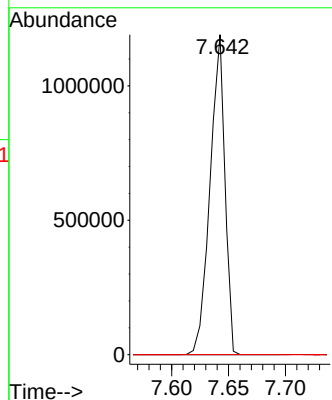
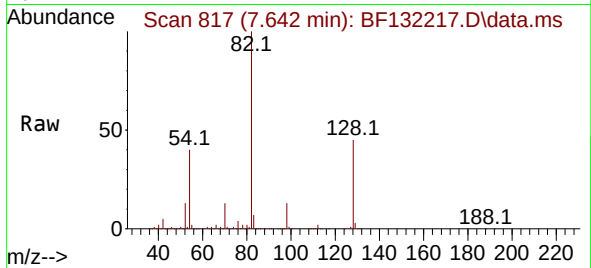




#25
Isophorone
Concen: 35.505 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

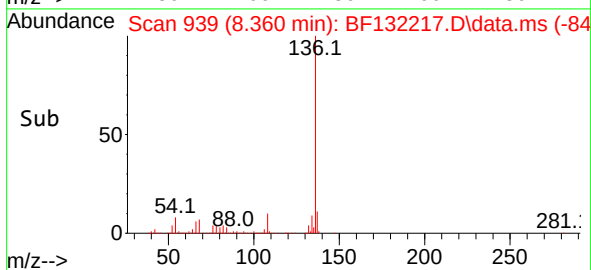
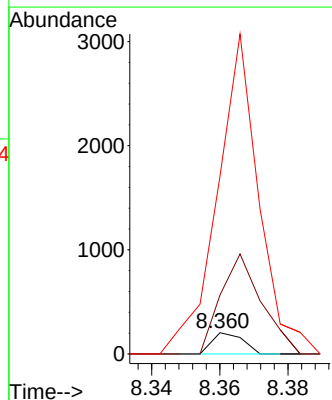
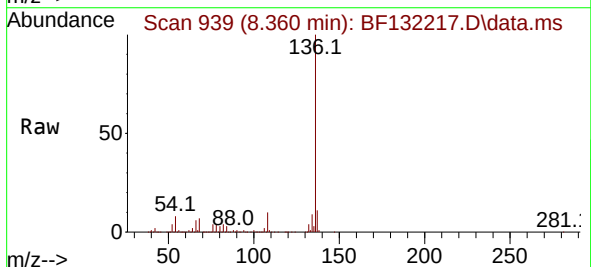
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

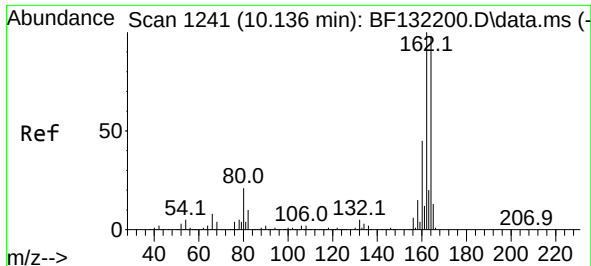
Tgt Ion: 82 Resp: 1081670
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.311 ng
RT: 8.360 min Scan# 939
Delta R.T. 0.241 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 276.6 101.5 141.5#
77 834.6 66.5 106.5#

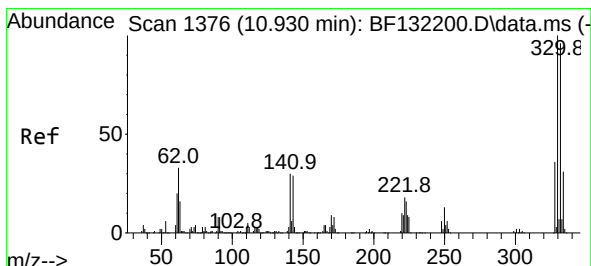
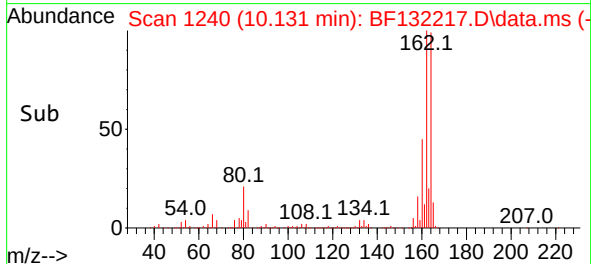
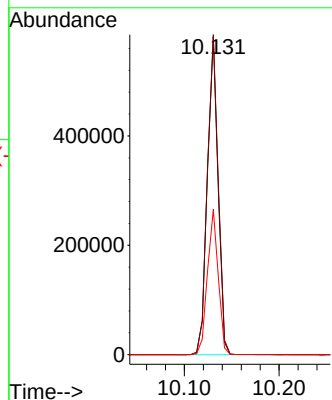
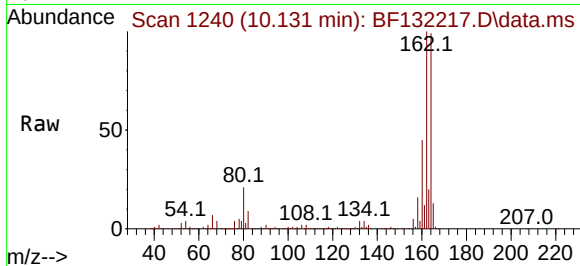




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

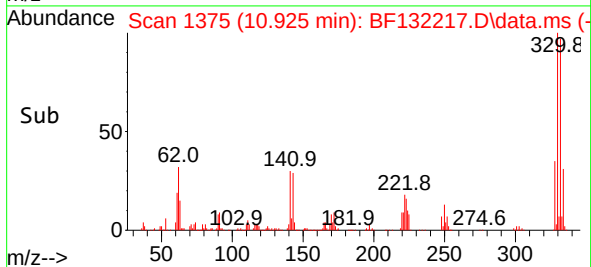
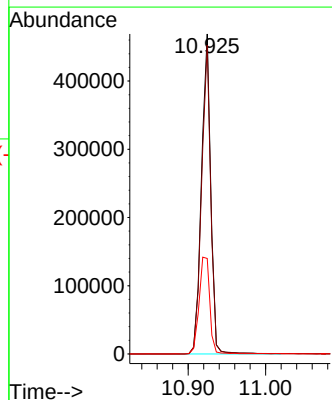
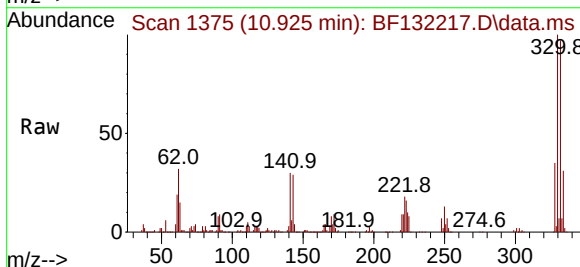
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

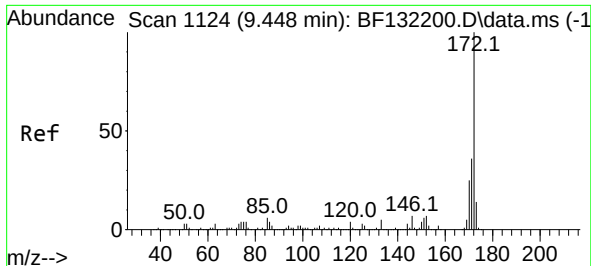
Tgt Ion:164 Resp: 454440
Ion Ratio Lower Upper
164 100
162 100.7 81.5 122.3
160 45.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 92.663 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:330 Resp: 389931
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 34.8 30.7 46.1

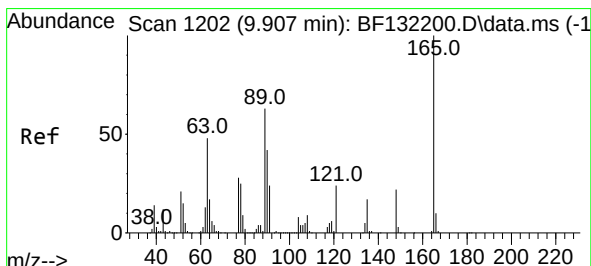
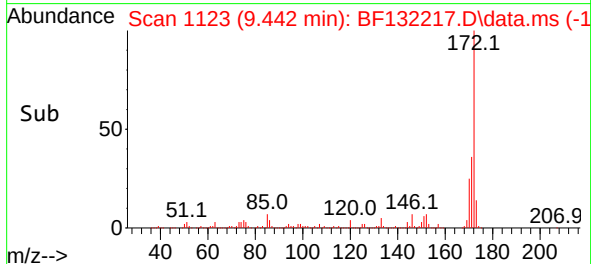
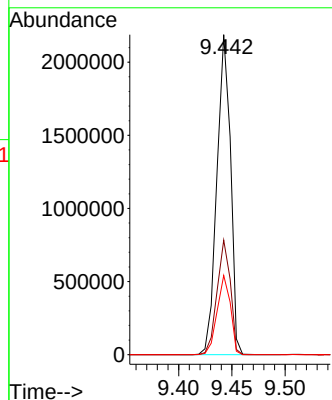
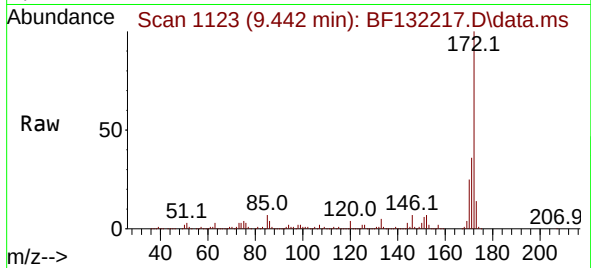




#45
2-Fluorobiphenyl
Concen: 62.737 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

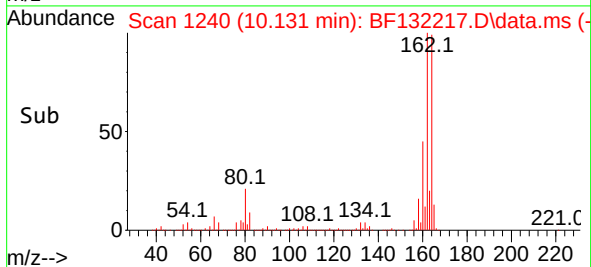
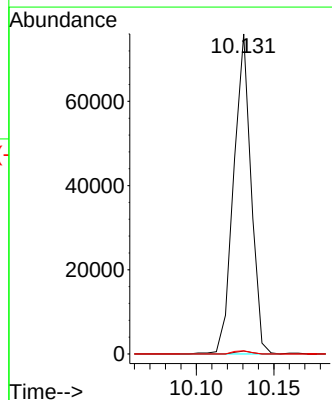
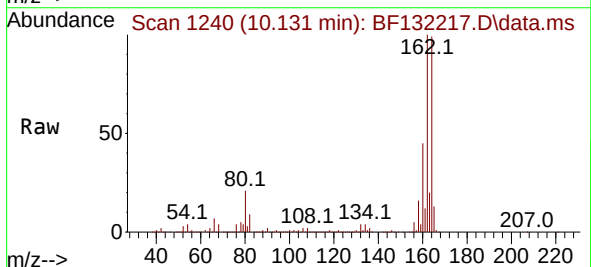
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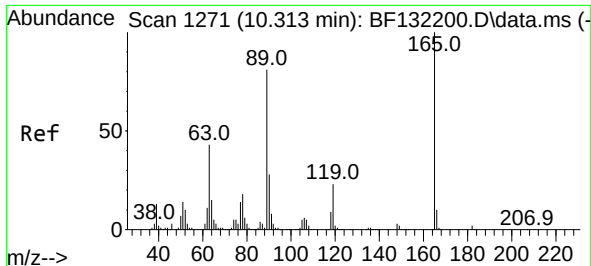
Tgt Ion:172 Resp: 1937569
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.8 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 9.035 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.224 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:165 Resp: 59199
Ion Ratio Lower Upper
165 100
63 0.9 46.1 69.1#
89 1.0 50.3 75.5#

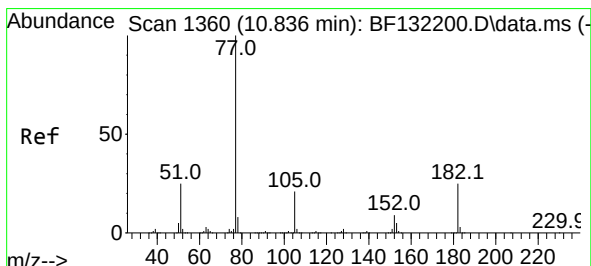
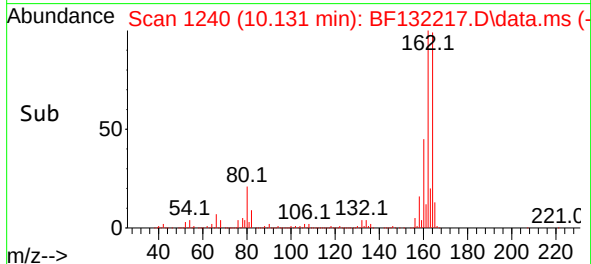
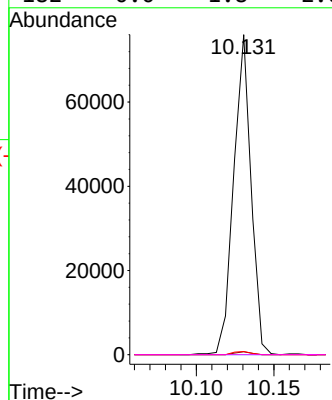
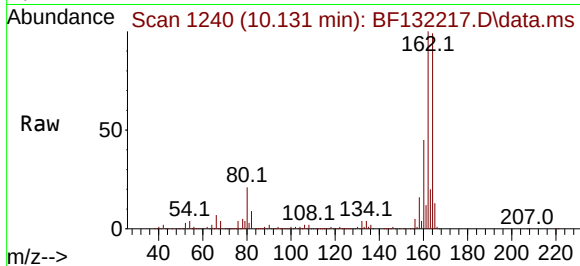




#57
2,4-Dinitrotoluene
Concen: 7.339 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

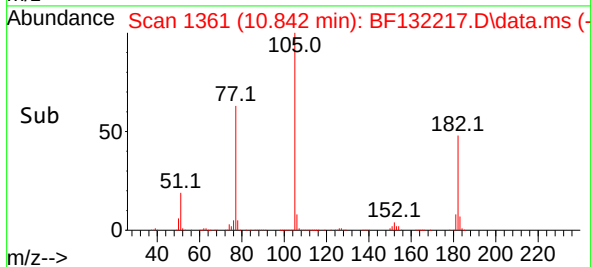
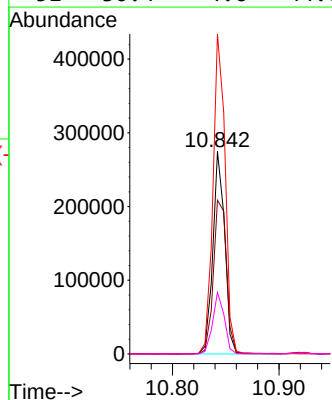
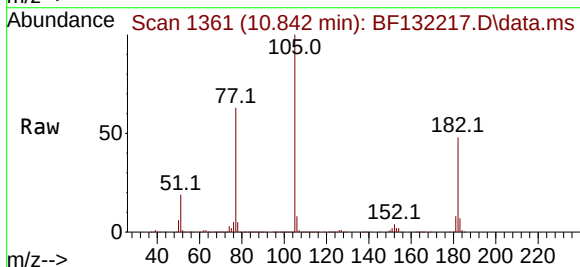
Instrument :
BNA_F
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TJRC-011923-B4-20-30

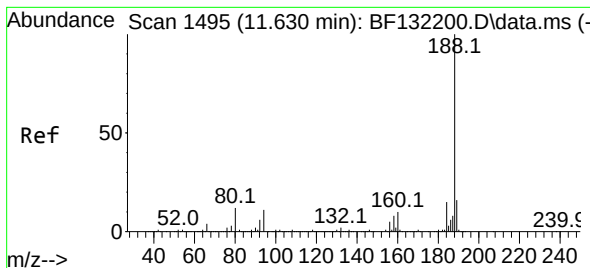
Tgt Ion:	165	Resp:	59199
Ion Ratio	Lower	Upper	
165	100		
63	0.9	34.2	51.2#
89	1.0	65.1	97.7#
182	0.0	1.8	2.6#



#63
Azobenzene
Concen: 6.739 ng
RT: 10.842 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:	77	Resp:	213824
Ion Ratio	Lower	Upper	
77	100		
182	76.0	4.7	44.7#
105	158.0	1.1	41.1#
51	30.4	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: BF132217.D

Acq: 30 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30

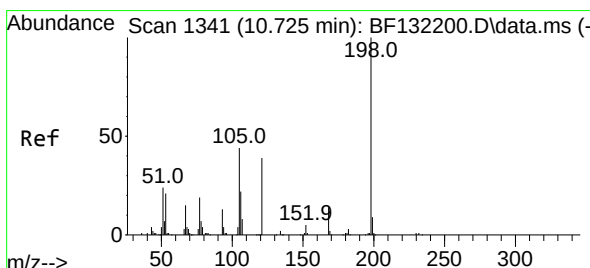
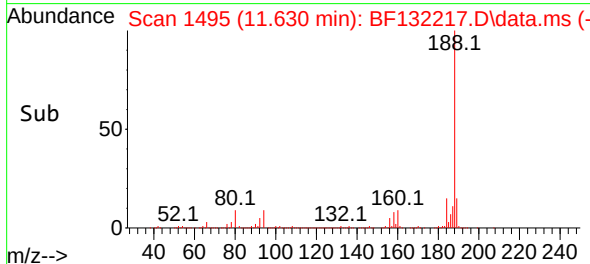
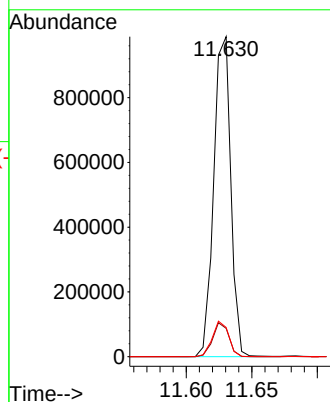
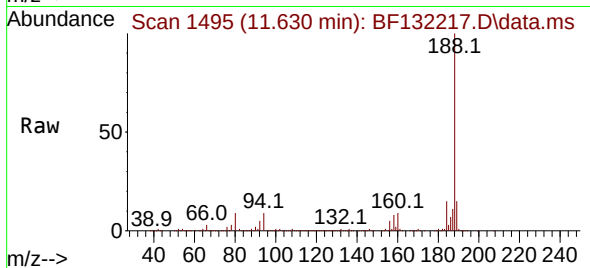
Tgt Ion:188 Resp: 894067

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

80 9.2 9.2 13.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.514 ng

RT: 10.925 min Scan# 1375

Delta R.T. 0.200 min

Lab File: BF132217.D

Acq: 30 Jan 2023 18:34

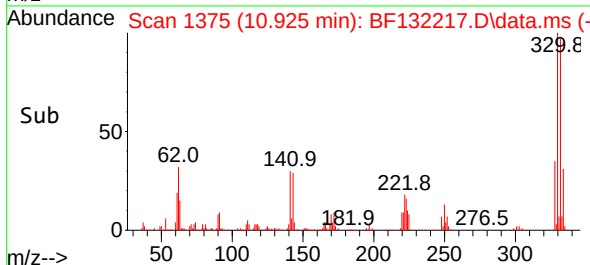
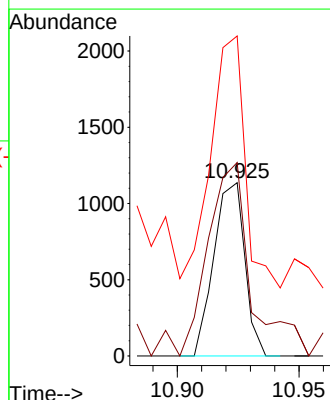
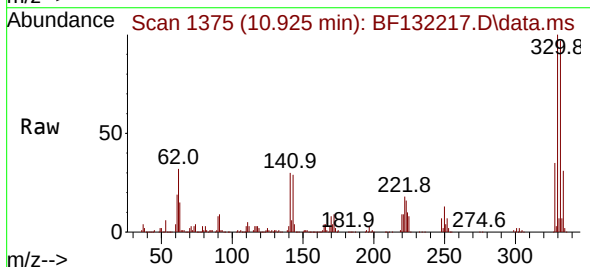
Tgt Ion:198 Resp: 1003

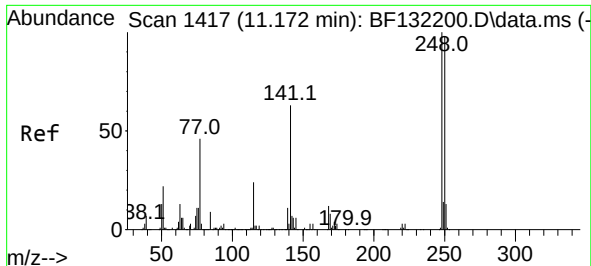
Ion Ratio Lower Upper

198 100

51 111.6 14.9 54.9#

105 184.6 24.2 64.2#

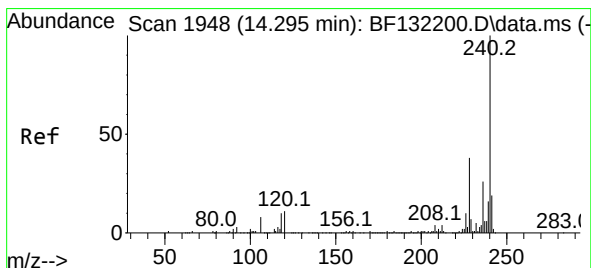
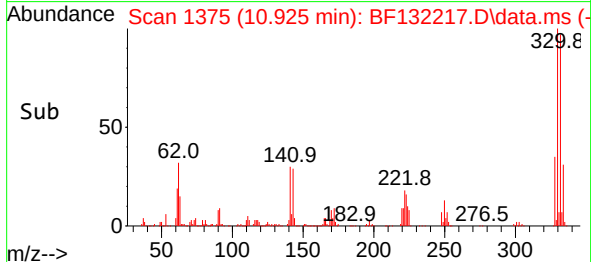
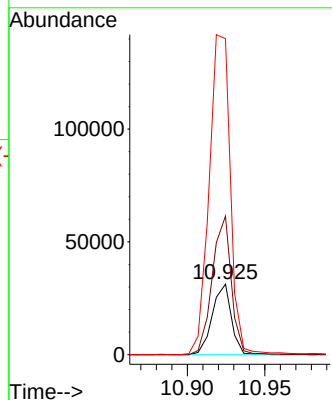
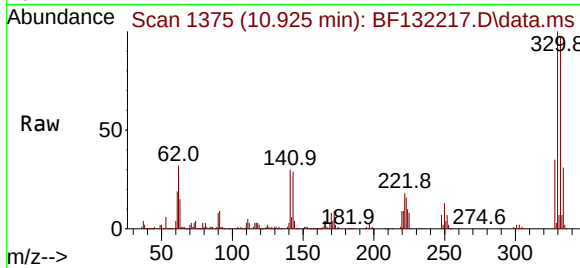




#67
4-Bromophenyl-phenylether
Concen: 2.597 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

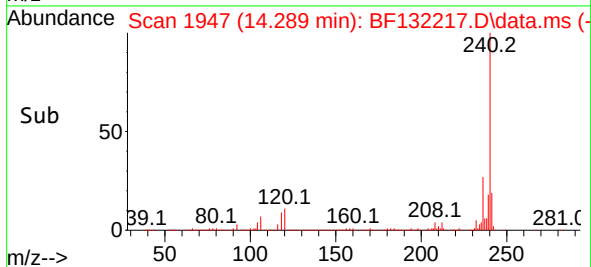
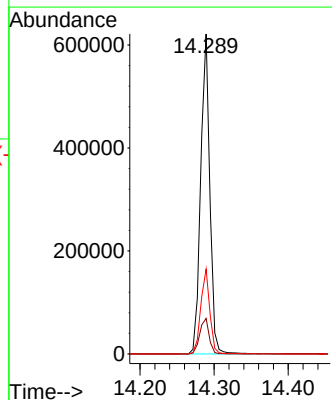
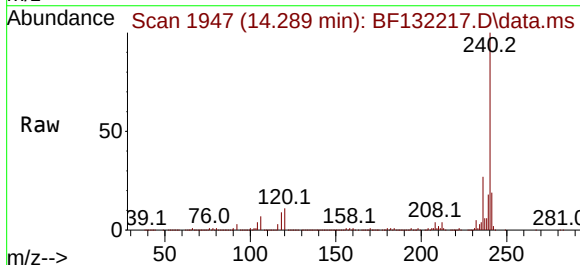
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

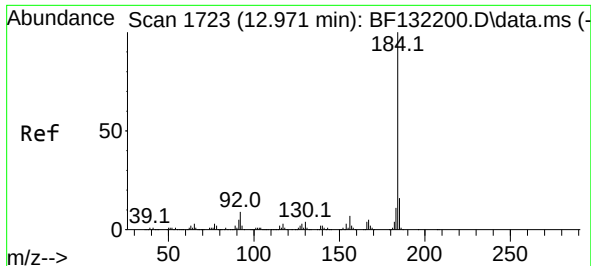
Tgt Ion:248 Resp: 26735
Ion Ratio Lower Upper
248 100
250 196.3 78.5 117.7#
141 447.8 50.2 75.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:240 Resp: 532037
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 26.6 20.8 31.2

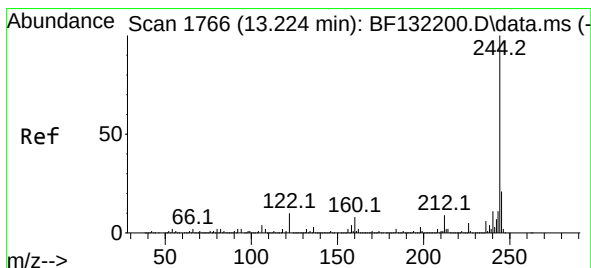
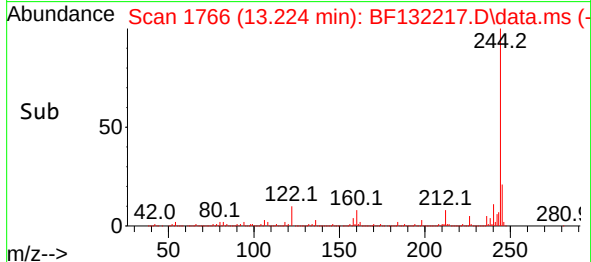
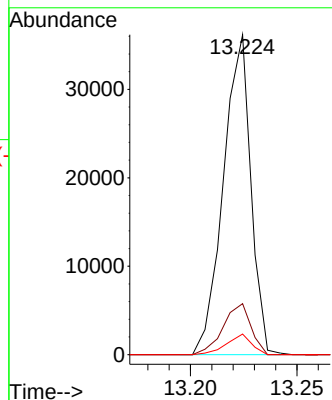
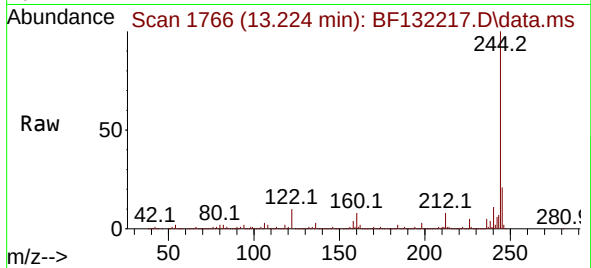




#77
Benzidine
Concen: 2.334 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.253 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

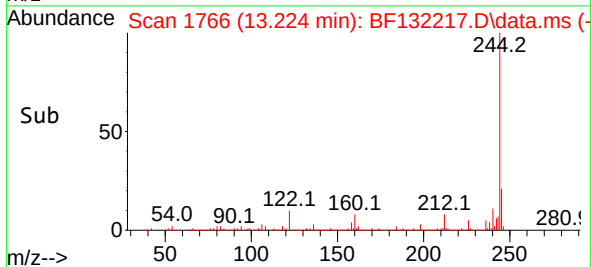
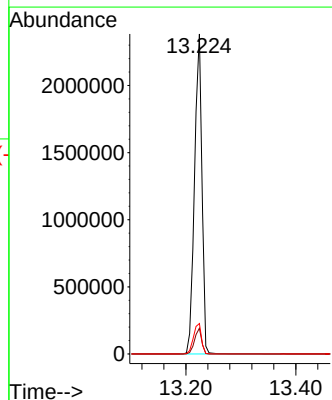
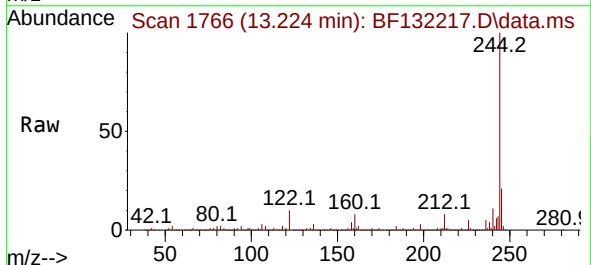
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30

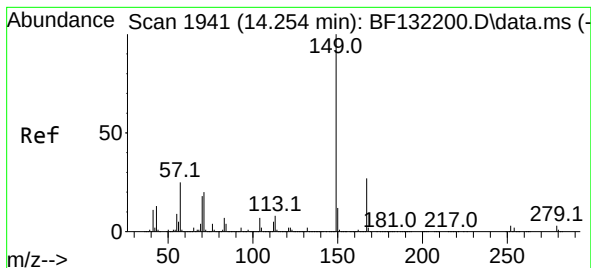
Tgt Ion:184 Resp: 32415
Ion Ratio Lower Upper
184 100
185 15.9 13.2 19.8
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 65.454 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BF132217.D
Acq: 30 Jan 2023 18:34

Tgt Ion:244 Resp: 2216499
Ion Ratio Lower Upper
244 100
212 8.1 6.8 10.2
122 9.5 8.3 12.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.500 ng

RT: 14.248 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BF132217.D

Acq: 30 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30

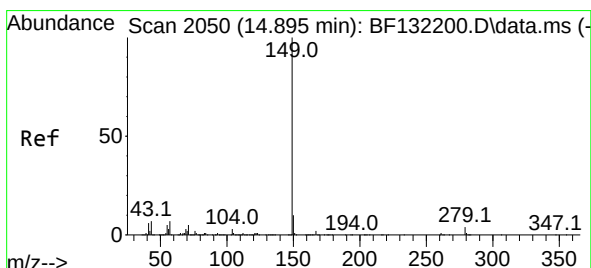
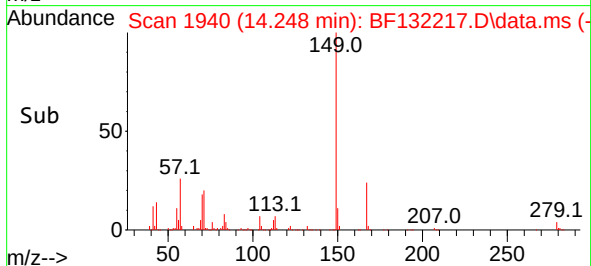
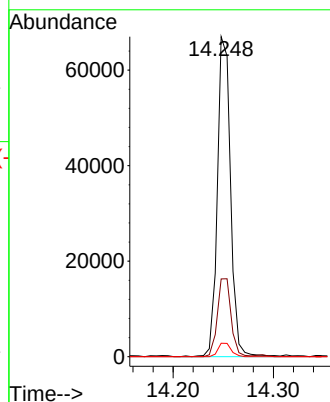
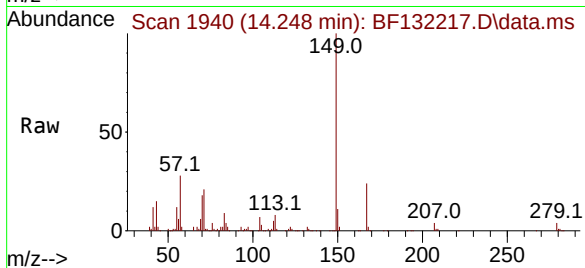
Tgt Ion:149 Resp: 61012

Ion Ratio Lower Upper

149 100

167 24.3 21.7 32.5

279 4.2 2.8 4.2



#85

Di-n-octyl phthalate

Concen: 5.266 ng

RT: 14.895 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BF132217.D

Acq: 30 Jan 2023 18:34

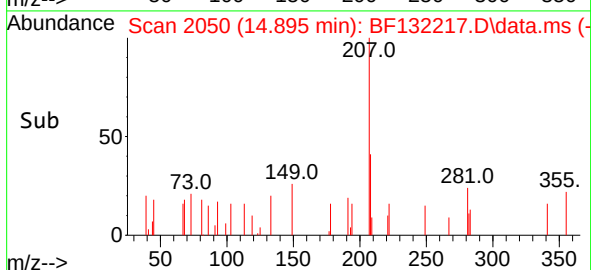
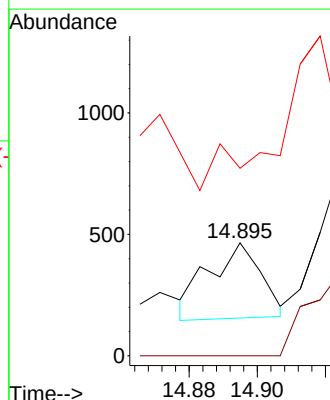
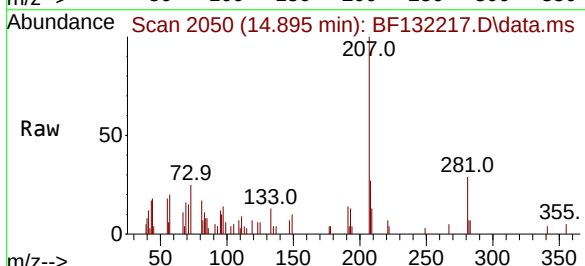
Tgt Ion:149 Resp: 332

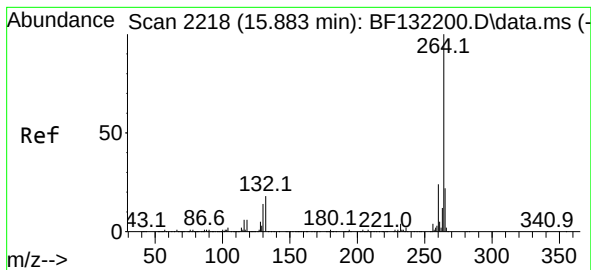
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 6.6 10.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132217.D

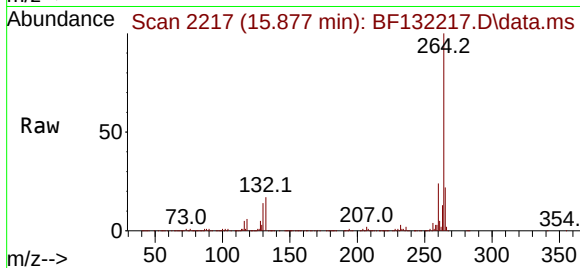
Acq: 30 Jan 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-20-30



Tgt Ion:264 Resp: 420724

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.8 17.4 26.2

