

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132275.D
 Acq On : 01 Feb 2023 23:14
 Operator : CG\JU
 Sample : 01243-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-11823-B4-0-10

Quant Time: Feb 02 00:59:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

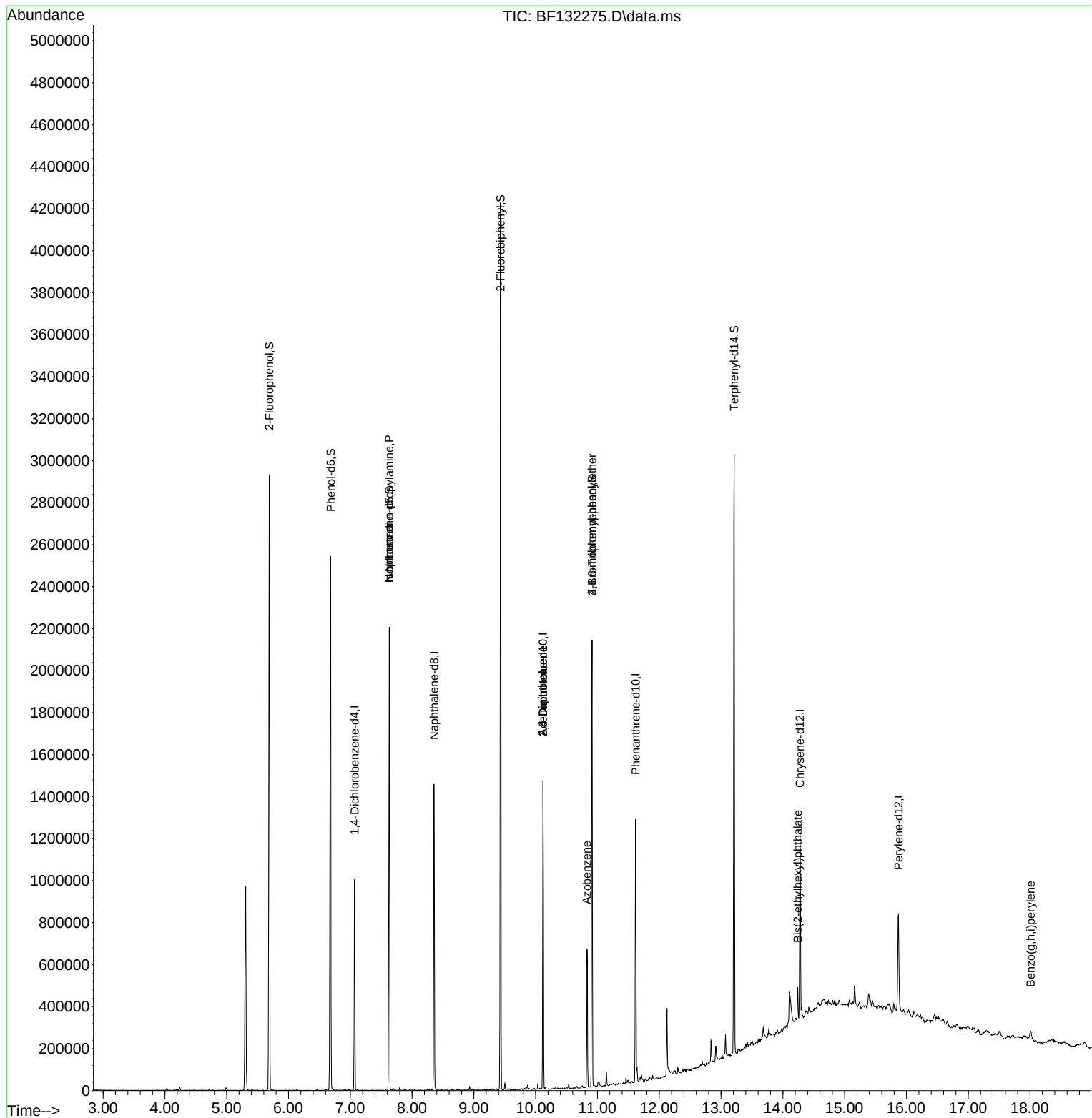
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	163101	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	597675	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	274116	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	427841	20.000	ng	0.00
76) Chrysene-d12	14.277	240	295087	20.000	ng	#-0.01
86) Perylene-d12	15.871	264	226633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	925344	91.195	ng	0.00
7) Phenol-d6	6.684	99	1118506	89.411	ng	0.00
23) Nitrobenzene-d5	7.631	82	670600	62.437	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	250412	88.833	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1190886	67.089	ng	0.00
79) Terphenyl-d14	13.213	244	983096	64.446	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	346	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.631	70	85225	11.994	ng	# 77
25) Isophorone	7.631	82	670591	32.896	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	35391	8.264	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	35391	6.362	ng	# 23
63) Azobenzene	10.831	77	107815	5.803	ng	# 1
67) 4-Bromophenyl-phenylether	10.913	248	14737	3.364	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.242	149	47811	3.373	ng	# 96
92) Benzo(g,h,i)perylene	18.012	276	33907	2.711	ng	96

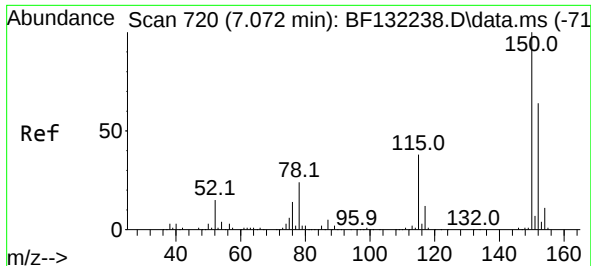
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132275.D
Acq On : 01 Feb 2023 23:14
Operator : CG\JU
Sample : 01243-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-0-10

Quant Time: Feb 02 00:59:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

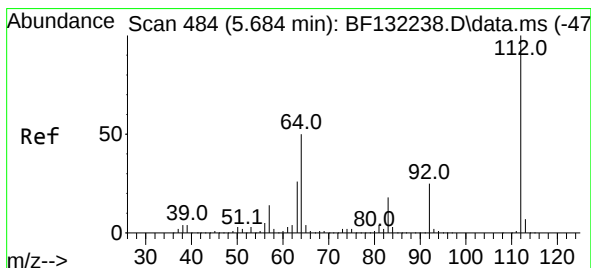
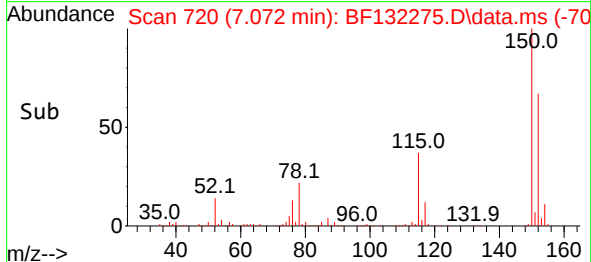
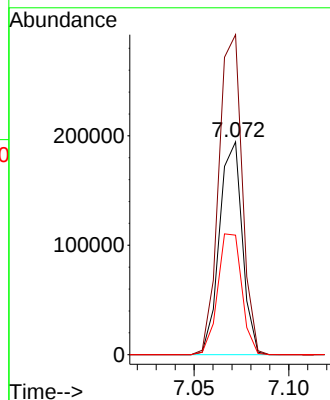
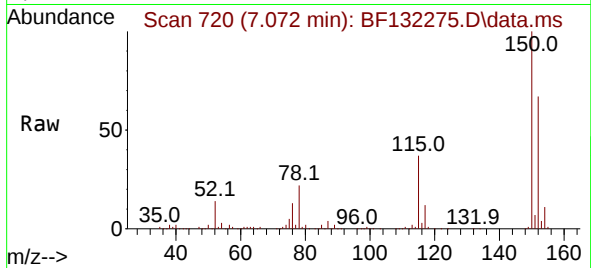




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.072 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132275.D
 Acq: 01 Feb 2023 23:14

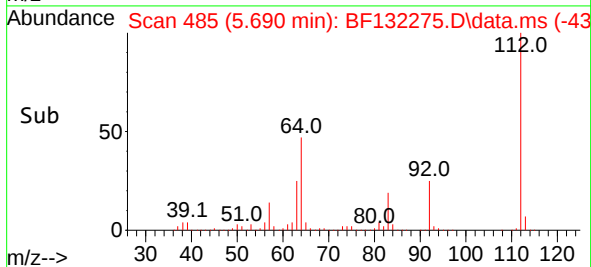
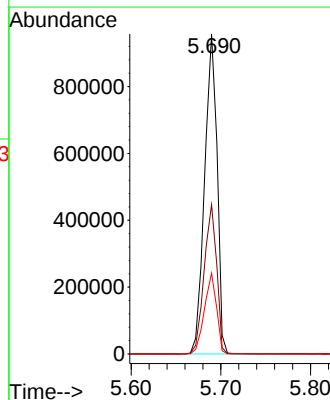
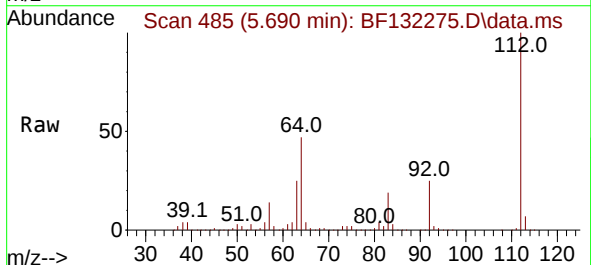
Instrument :
 BNA_F
 ClientSampleId :
 TJRC-11823-B4-0-10

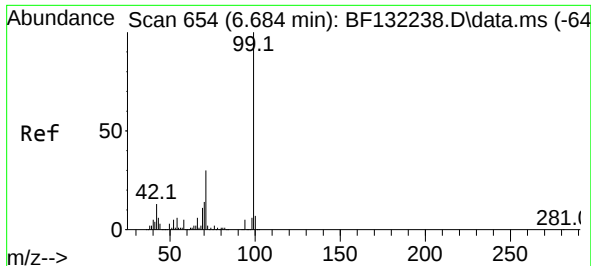
Tgt Ion:152 Resp: 163101
 Ion Ratio Lower Upper
 152 100
 150 150.3 124.2 186.2
 115 56.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 91.195 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132275.D
 Acq: 01 Feb 2023 23:14

Tgt Ion:112 Resp: 925344
 Ion Ratio Lower Upper
 112 100
 64 46.6 40.0 60.0
 63 25.2 20.5 30.7

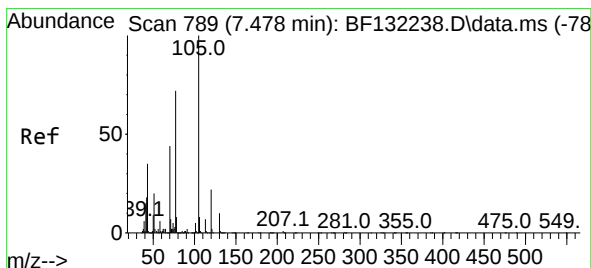
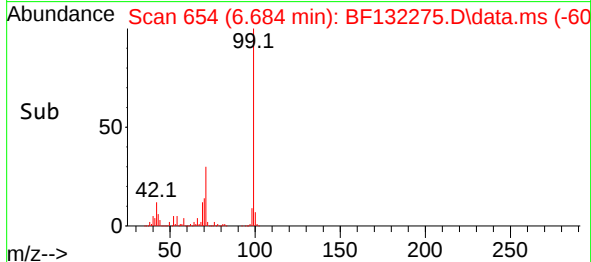
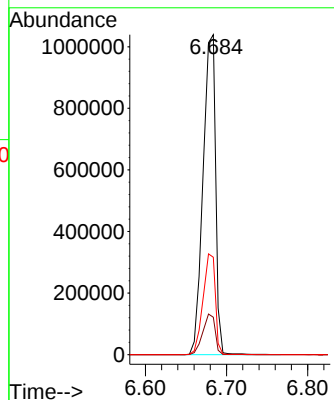
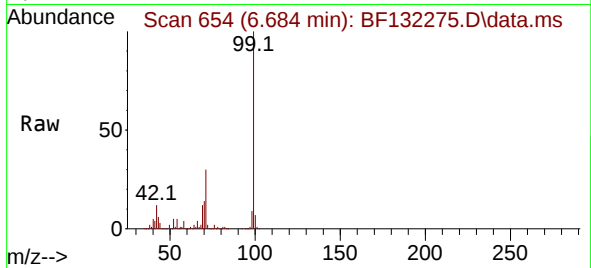




#7
Phenol-d6
Concen: 89.411 ng
RT: 6.684 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

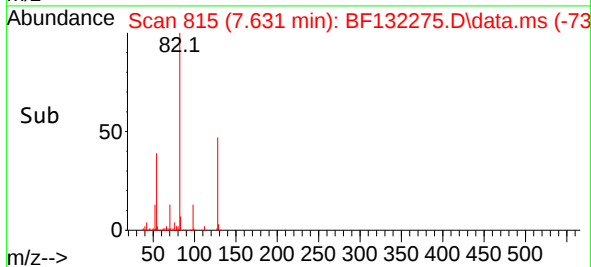
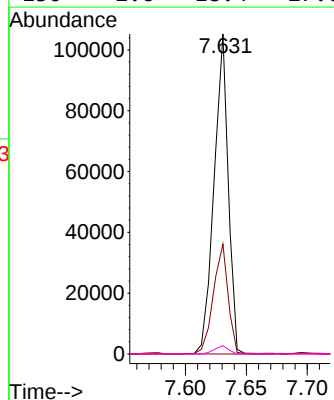
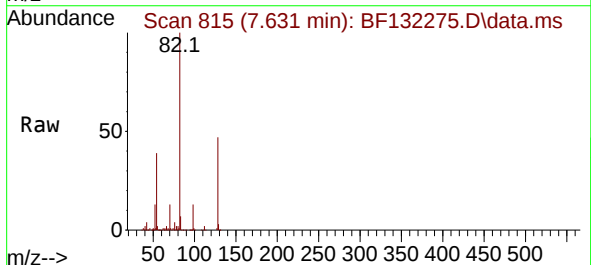
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-0-10

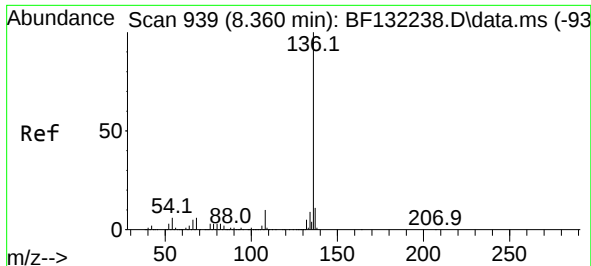
Tgt Ion: 99 Resp: 1118506
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 30.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

Tgt Ion: 70 Resp: 85225
Ion Ratio Lower Upper
70 100
42 34.3 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.354 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-0-10

Tgt Ion:136 Resp: 597675

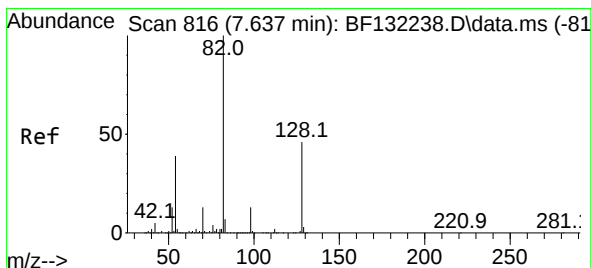
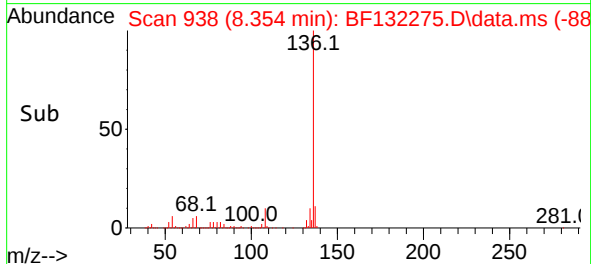
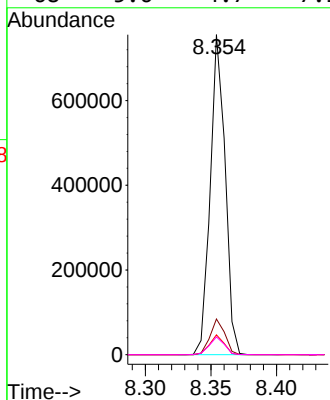
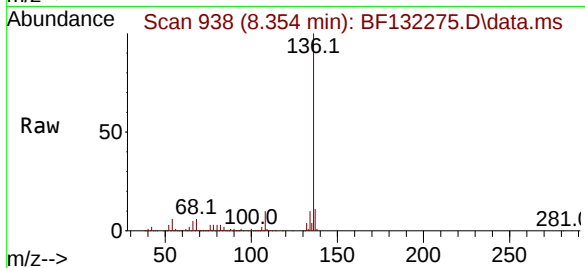
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.2 4.9 7.3

68 5.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 62.437 ng

RT: 7.631 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

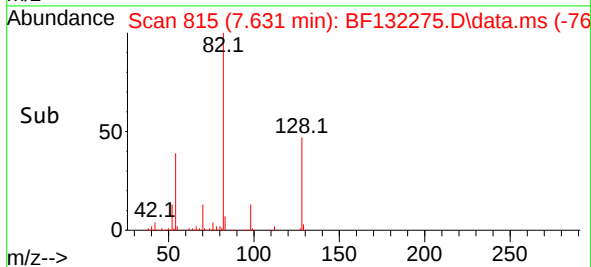
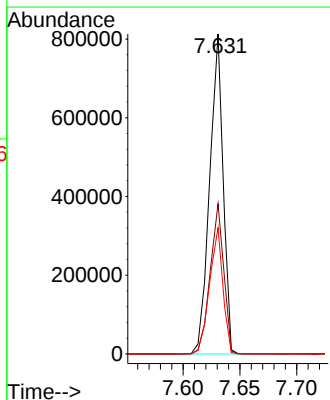
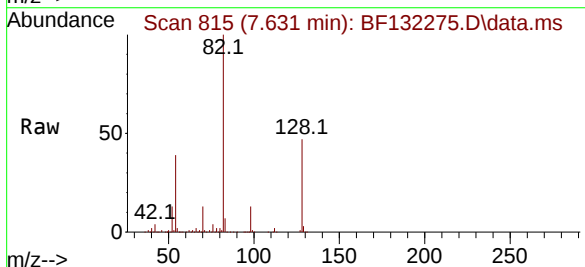
Tgt Ion: 82 Resp: 670600

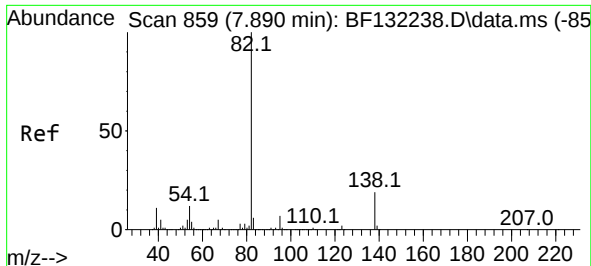
Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.4

54 39.4 31.5 47.3

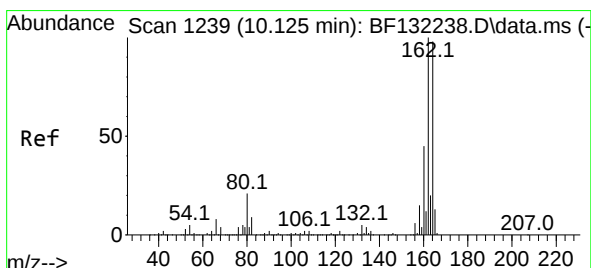
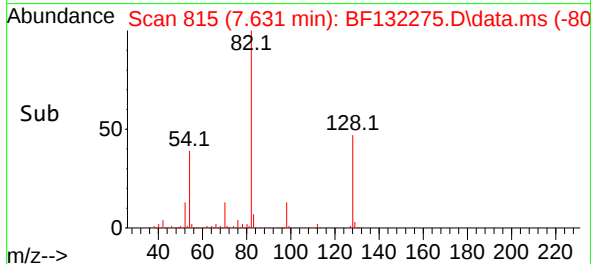
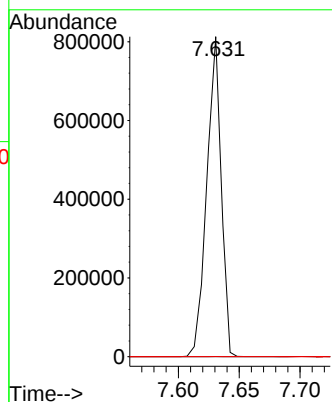
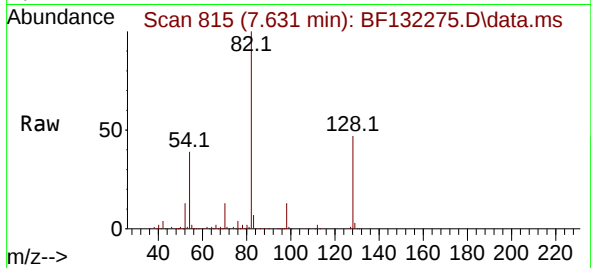




#25
Isophorone
Concen: 32.896 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

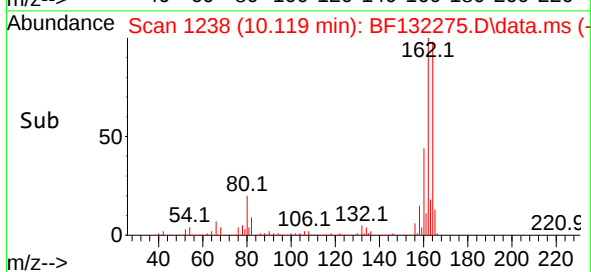
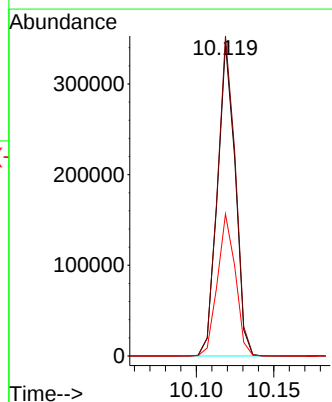
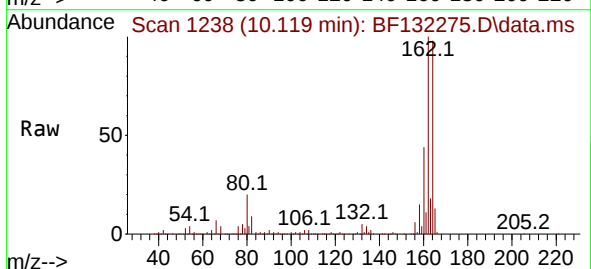
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-0-10

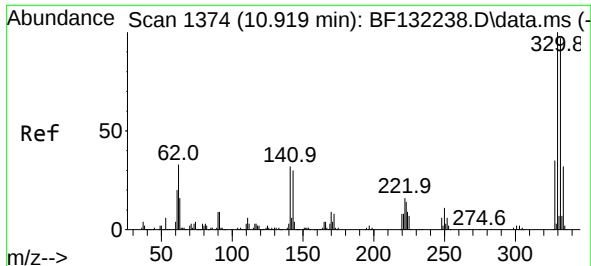
Tgt Ion: 82 Resp: 670591
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

Tgt Ion:164 Resp: 274116
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 88.833 ng

RT: 10.913 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-0-10

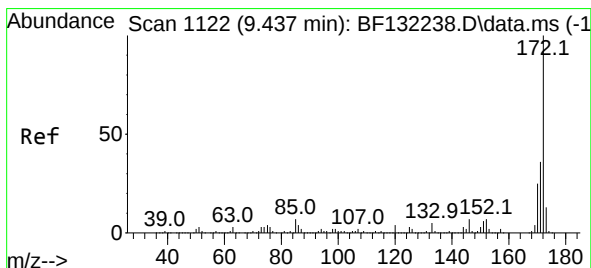
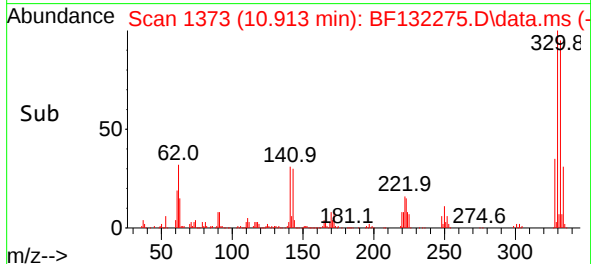
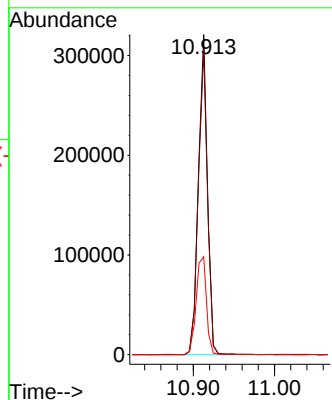
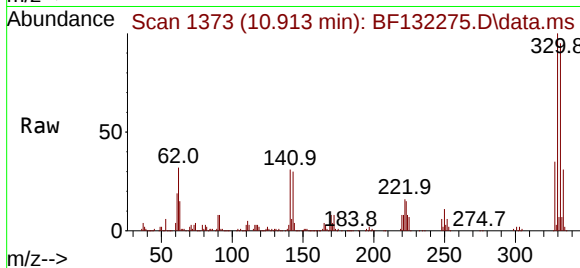
Tgt Ion:330 Resp: 250412

Ion Ratio Lower Upper

330 100

332 96.4 77.9 116.9

141 34.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 67.089 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

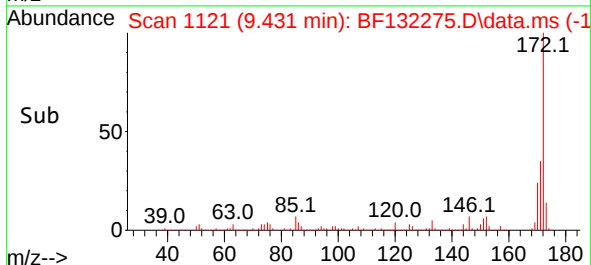
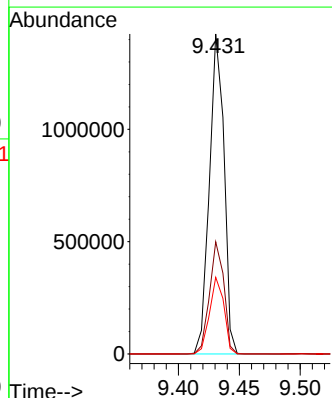
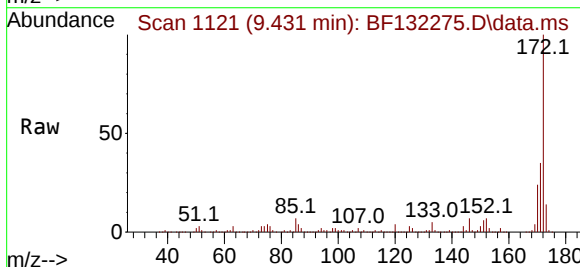
Tgt Ion:172 Resp: 1190886

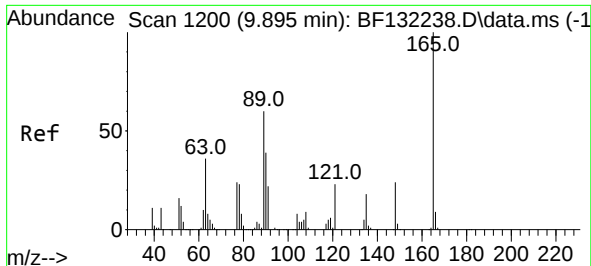
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 24.0 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.264 ng

RT: 10.119 min Scan# 1238

Delta R.T. 0.224 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-0-10

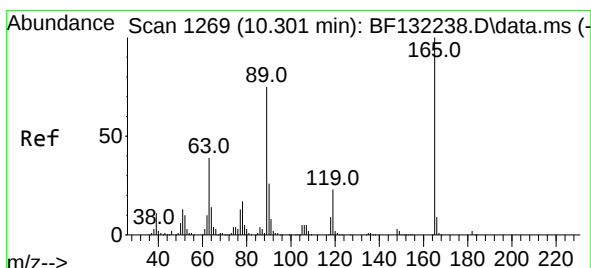
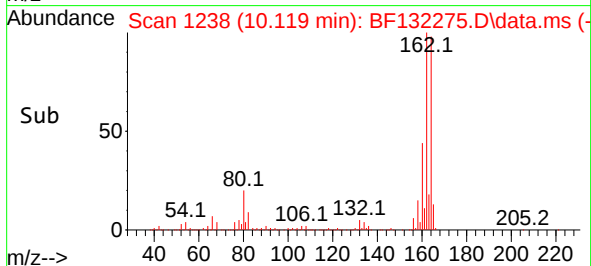
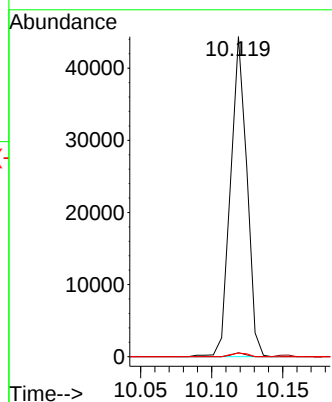
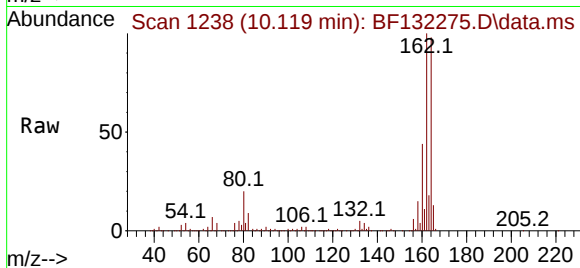
Tgt Ion:165 Resp: 35391

Ion Ratio Lower Upper

165 100

63 1.3 41.5 62.3#

89 1.1 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.362 ng

RT: 10.119 min Scan# 1238

Delta R.T. -0.182 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Tgt Ion:165 Resp: 35391

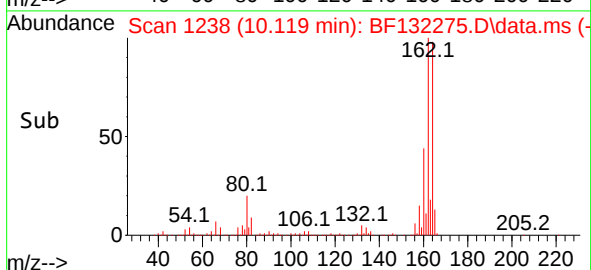
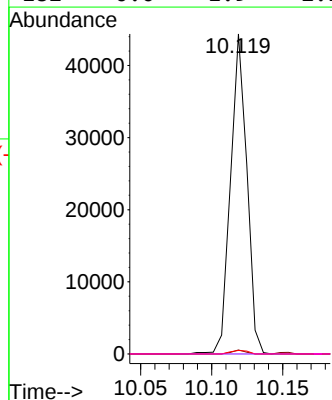
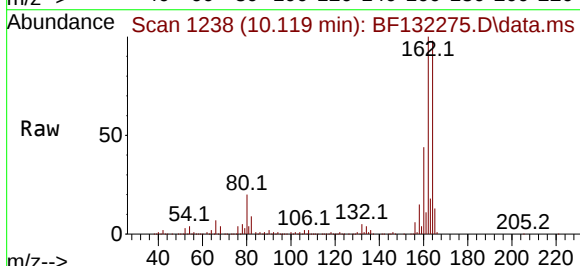
Ion Ratio Lower Upper

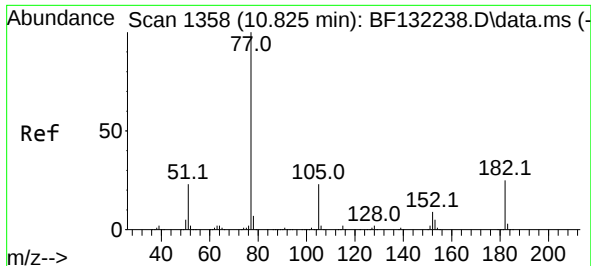
165 100

63 1.3 30.9 46.3#

89 1.1 60.1 90.1#

182 0.0 1.9 2.9#

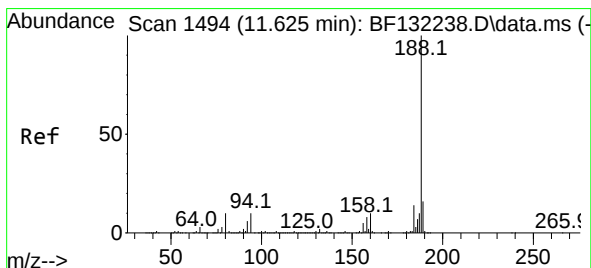
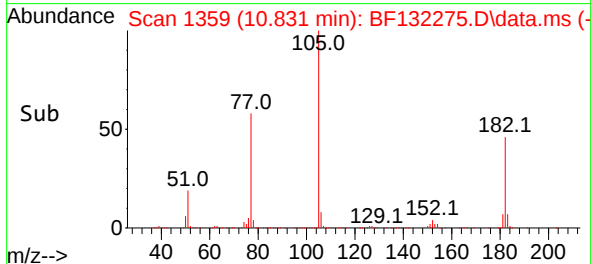
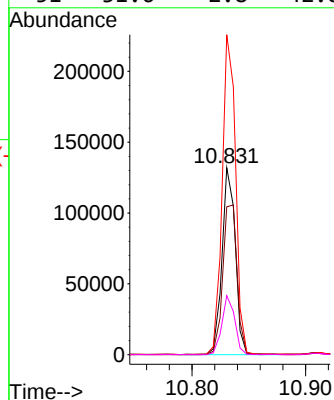
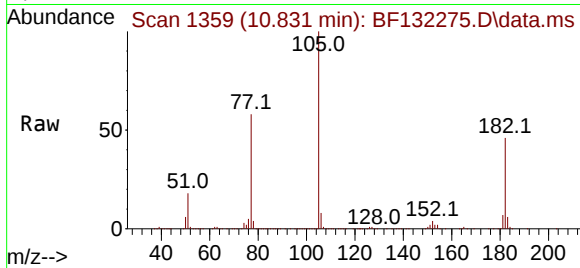




#63
Azobenzene
Concen: 5.803 ng
RT: 10.831 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

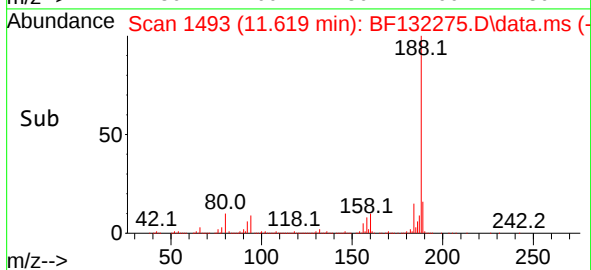
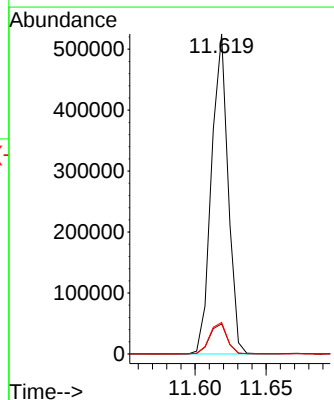
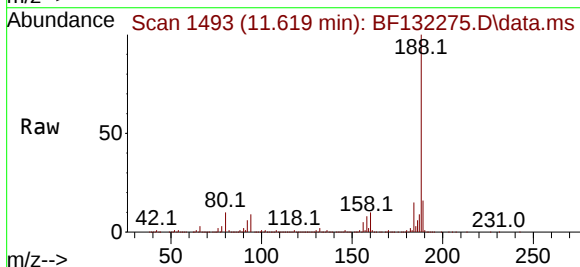
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-0-10

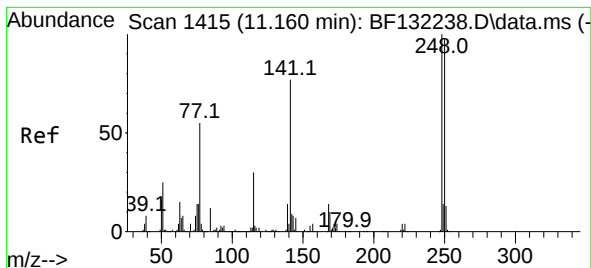
Tgt Ion: 77 Resp: 107815
Ion Ratio Lower Upper
77 100
182 79.2 4.5 44.5#
105 171.3 2.7 42.7#
51 31.6 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

Tgt Ion: 188 Resp: 427841
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.8 8.3 12.5

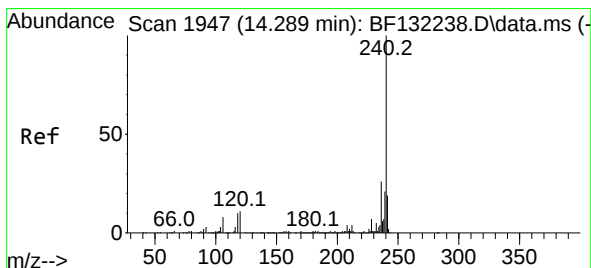
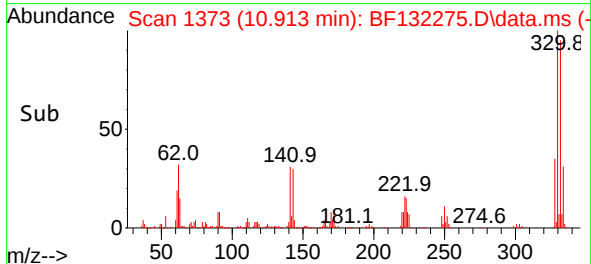
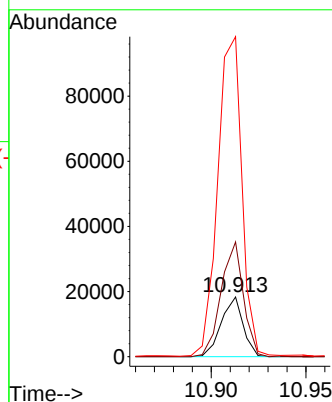
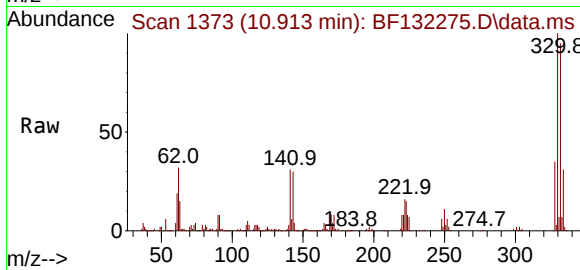




#67
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

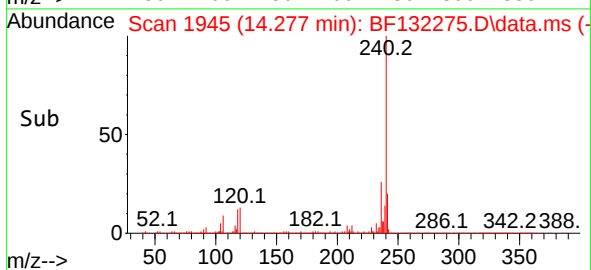
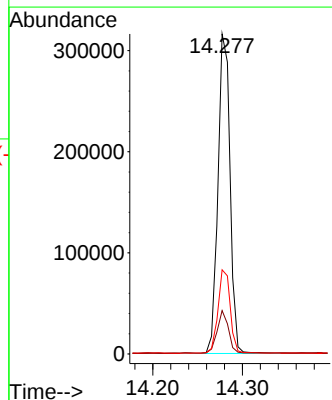
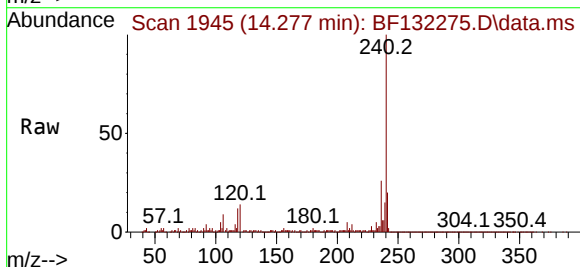
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-0-10

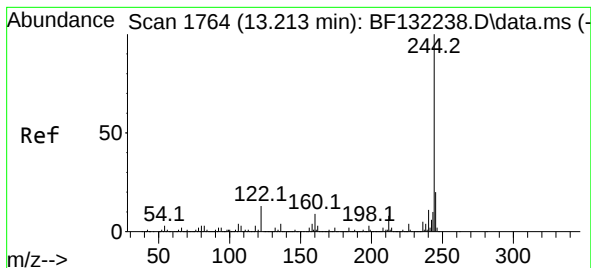
Tgt Ion:248 Resp: 14737
Ion Ratio Lower Upper
248 100
250 192.4 78.6 117.8#
141 536.3 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132275.D
Acq: 01 Feb 2023 23:14

Tgt Ion:240 Resp: 295087
Ion Ratio Lower Upper
240 100
120 13.6 8.8 13.2#
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 64.446 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-0-10

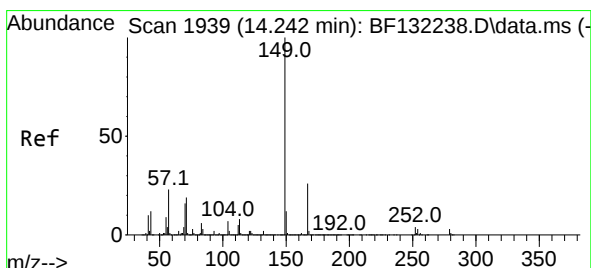
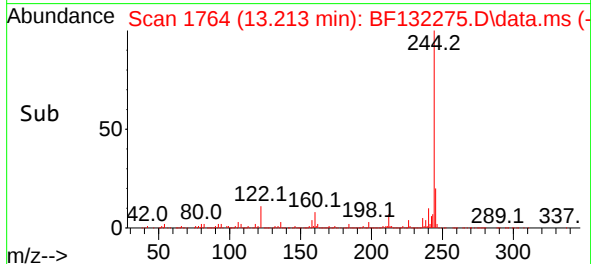
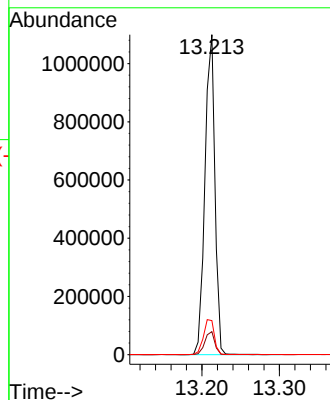
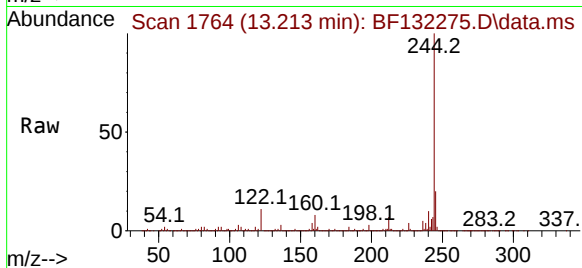
Tgt Ion:244 Resp: 983096

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

122 10.6 10.5 15.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.373 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

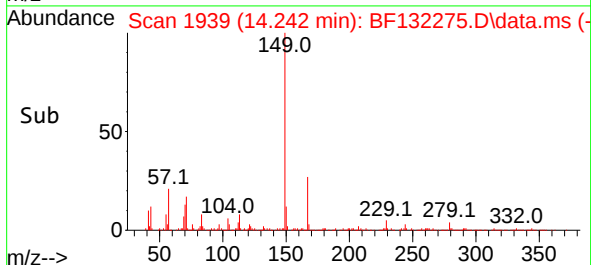
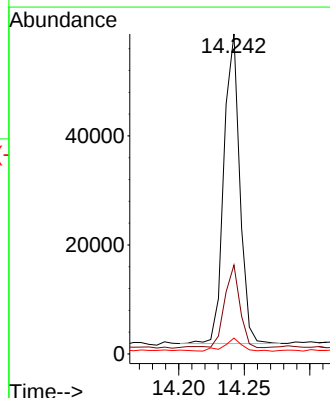
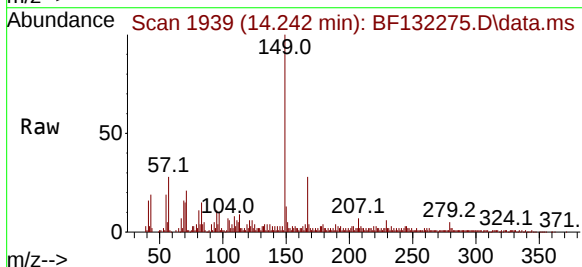
Tgt Ion:149 Resp: 47811

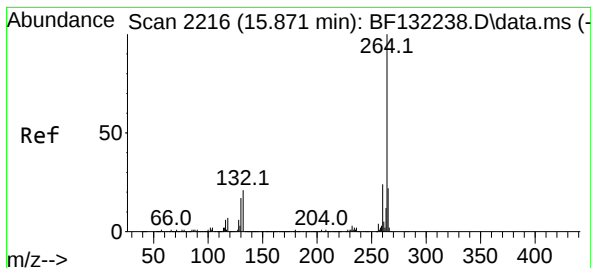
Ion Ratio Lower Upper

149 100

167 27.8 20.7 31.1

279 4.9 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.871 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-0-10

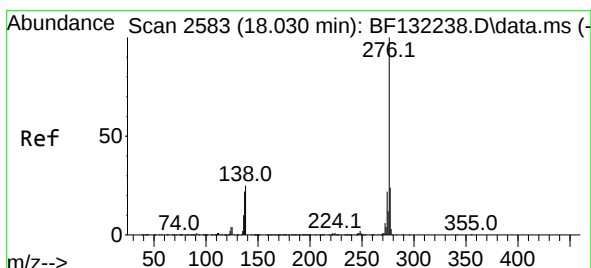
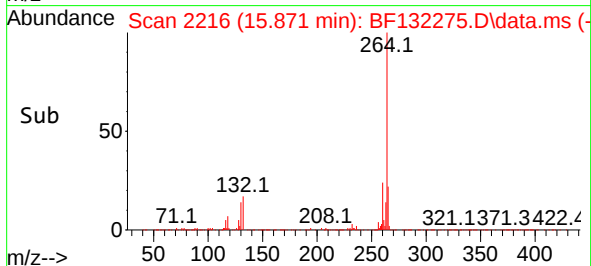
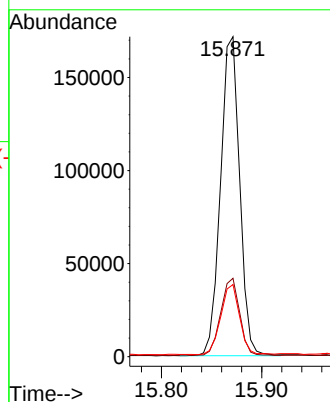
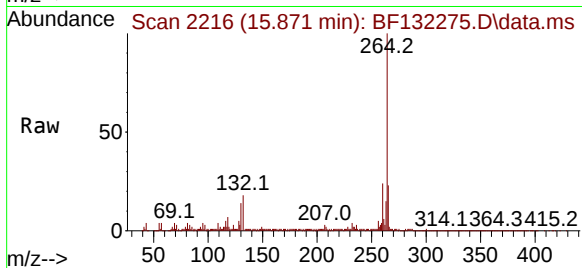
Tgt Ion:264 Resp: 226633

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 22.6 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 2.711 ng

RT: 18.012 min Scan# 2580

Delta R.T. -0.018 min

Lab File: BF132275.D

Acq: 01 Feb 2023 23:14

Tgt Ion:276 Resp: 33907

Ion Ratio Lower Upper

276 100

277 27.6 19.4 29.2

138 25.1 20.3 30.5

