

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132260.D
 Acq On : 01 Feb 2023 15:03
 Operator : CG\JU
 Sample : 01243-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-11823-B4-10-20

Quant Time: Feb 02 00:54:16 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)

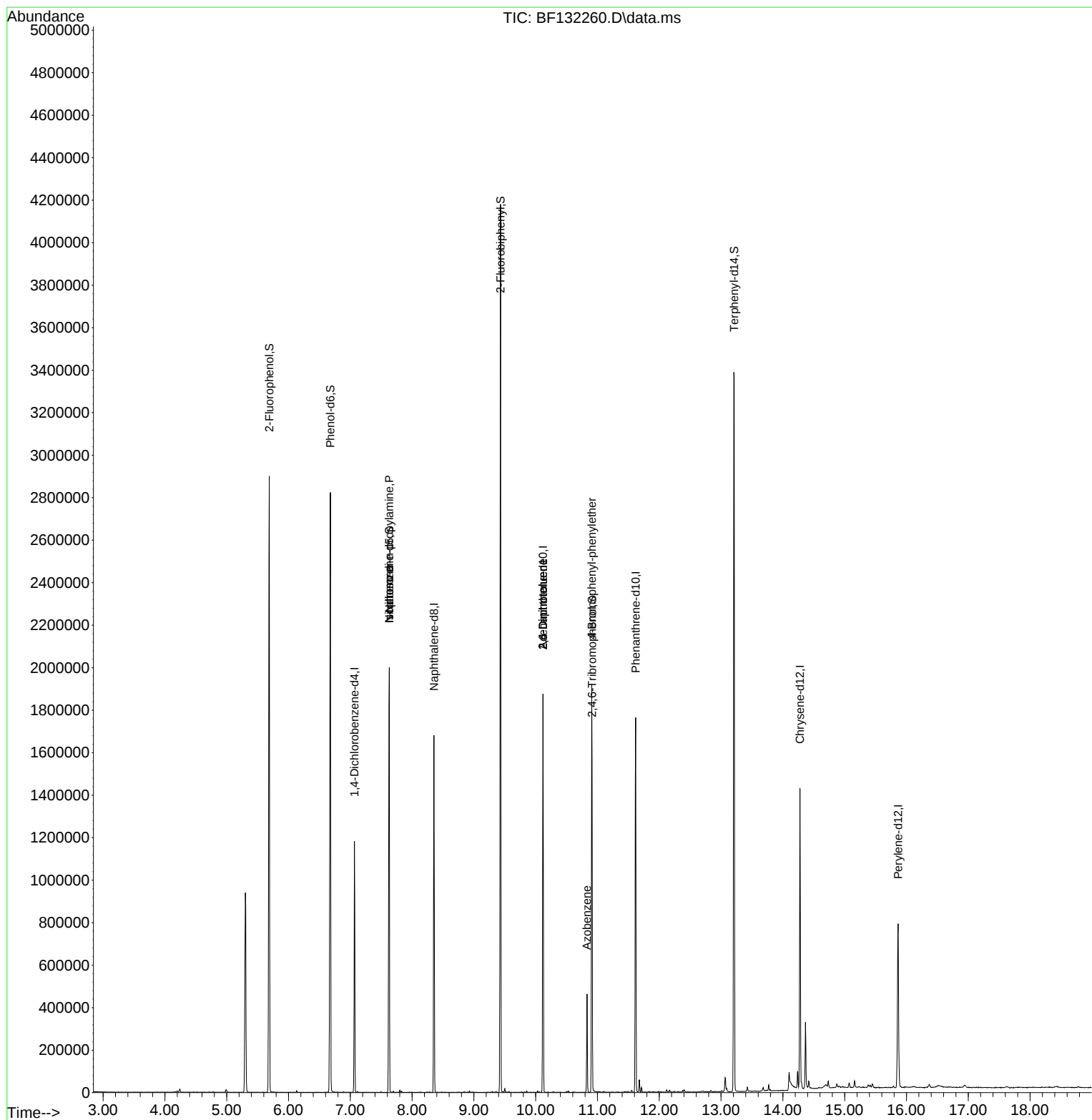
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	171482	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	660810	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	334665	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	619269	20.000	ng	0.00
76) Chrysene-d12	14.277	240	423922	20.000	ng	-0.01
86) Perylene-d12	15.865	264	365830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	918695	86.114	ng	0.00
7) Phenol-d6	6.678	99	1123164	85.395	ng	0.00
23) Nitrobenzene-d5	7.631	82	668390	56.286	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	223886	65.053	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1154515	53.273	ng	0.00
79) Terphenyl-d14	13.213	244	1226788	55.980	ng	0.00
Target Compounds						
9) Benzaldehyde	6.619	77	128	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propyla...	7.631	70	82688	11.068	ng	# 76
25) Isophorone	7.631	82	668375	29.654	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	42971	8.219	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	42971	6.327	ng	# 23
63) Azobenzene	10.830	77	69433	3.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.907	248	13613	2.147	ng	# 1

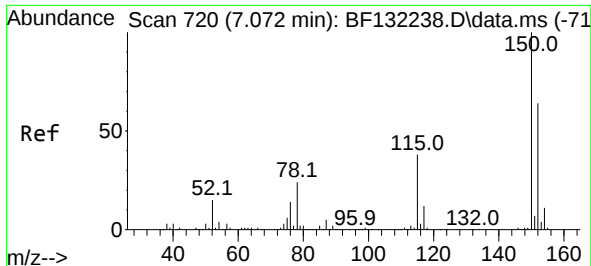
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

Quant Time: Feb 02 00:54:16 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

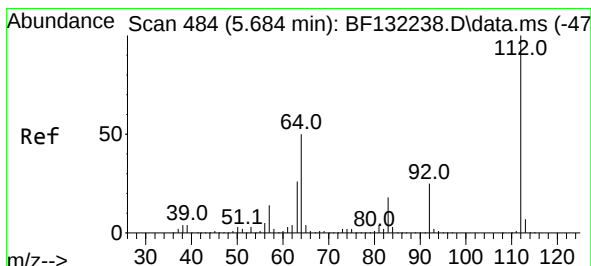
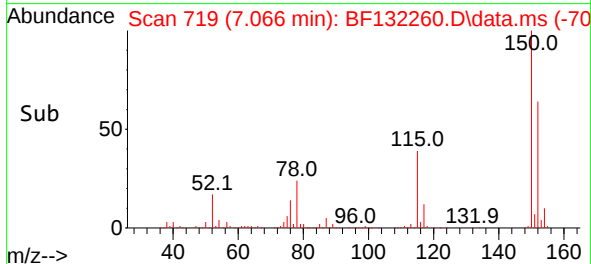
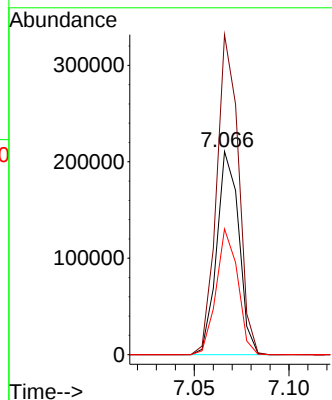
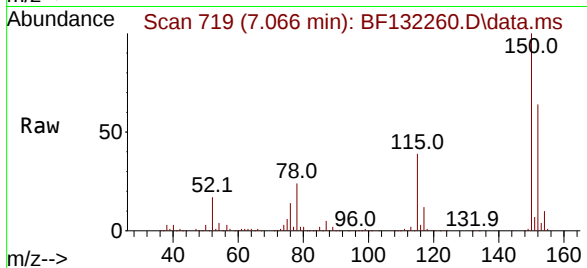




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

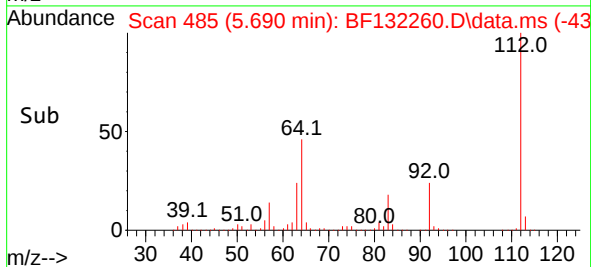
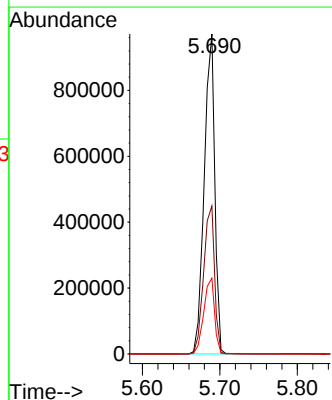
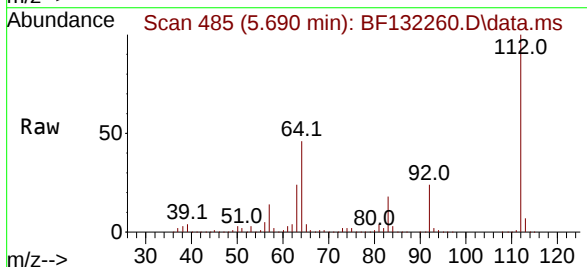
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

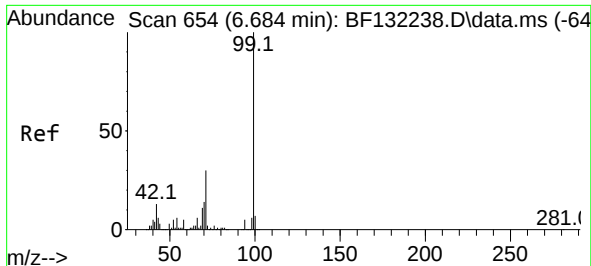
Tgt Ion:152 Resp: 171482
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 61.9 47.3 70.9



#5
2-Fluorophenol
Concen: 86.114 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion:112 Resp: 918695
Ion Ratio Lower Upper
112 100
64 46.3 40.0 60.0
63 23.7 20.5 30.7

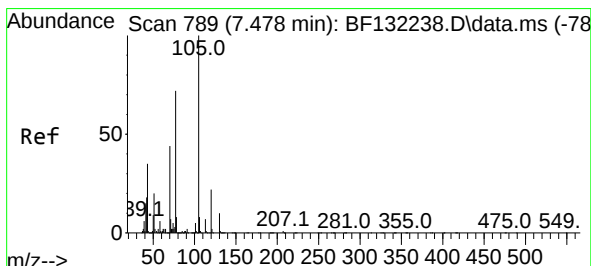
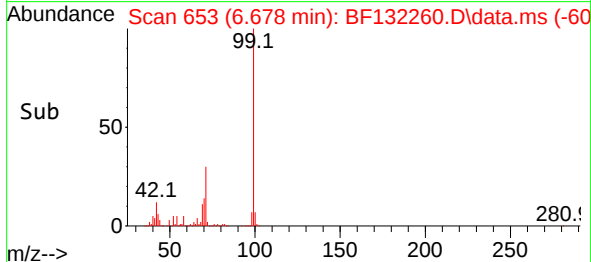
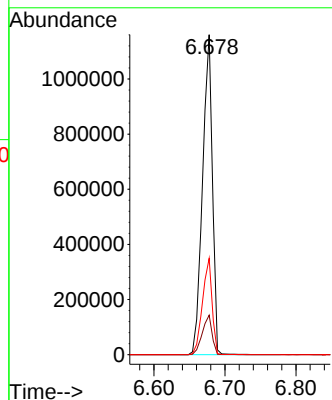
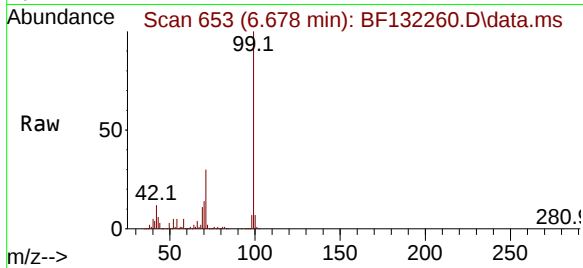




#7
Phenol-d6
Concen: 85.395 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

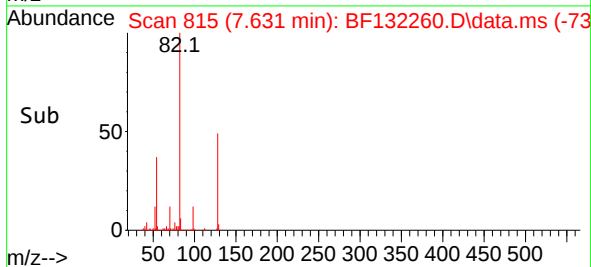
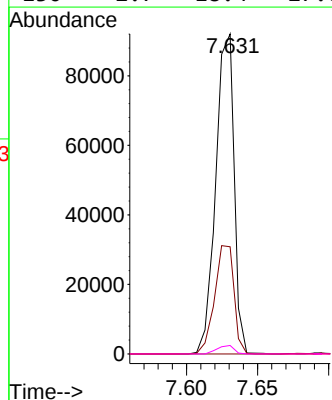
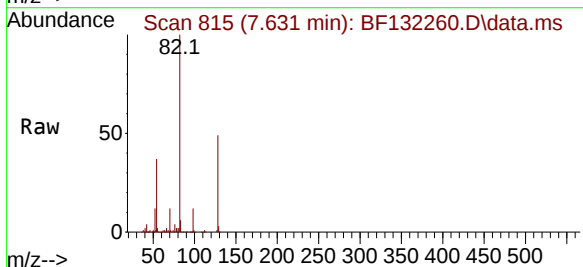
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

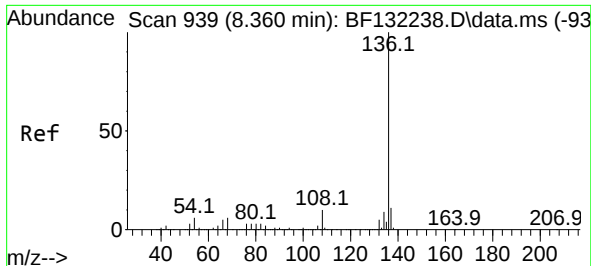
Tgt Ion: 99 Resp: 1123164
Ion Ratio Lower Upper
99 100
42 12.4 10.1 15.1
71 30.1 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.068 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion: 70 Resp: 82688
Ion Ratio Lower Upper
70 100
42 33.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#

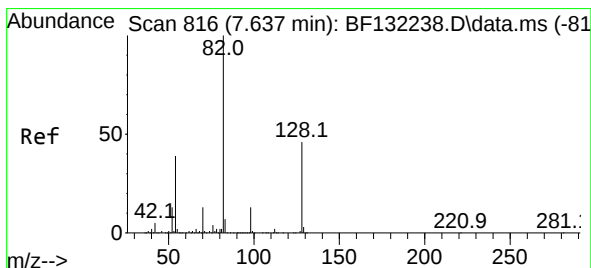
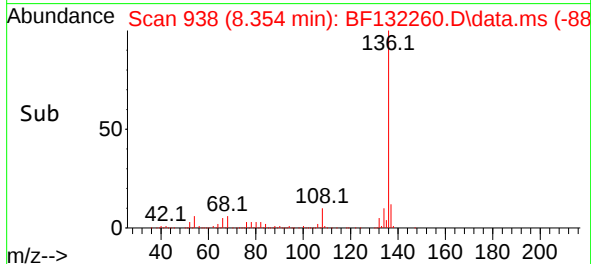
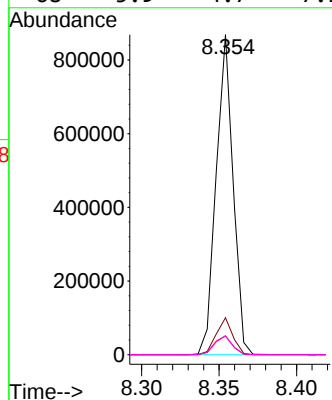
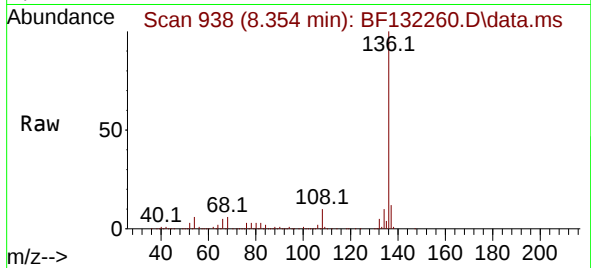




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

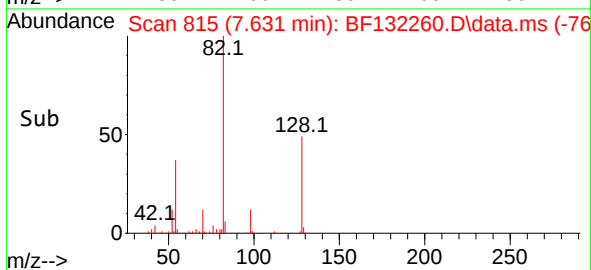
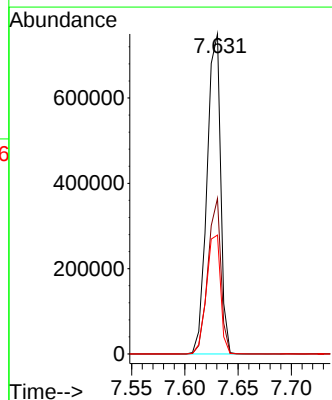
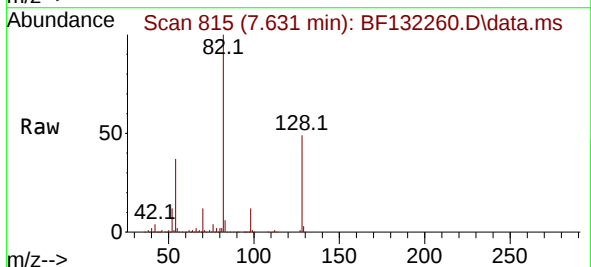
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

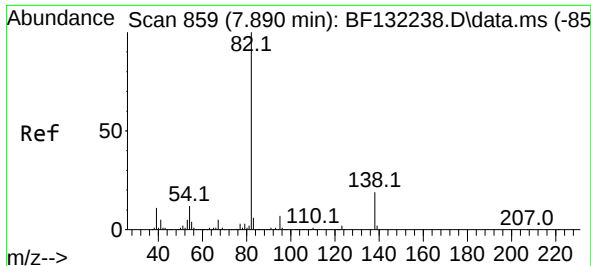
Tgt Ion:136 Resp: 660810
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.9 4.9 7.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 56.286 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion: 82 Resp: 668390
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 37.1 31.5 47.3

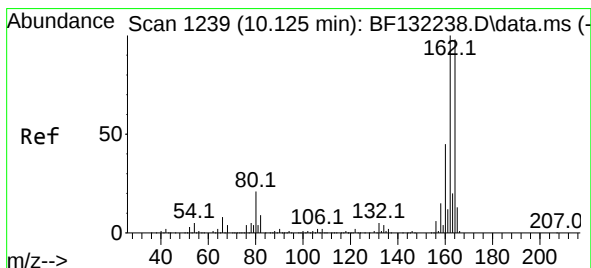
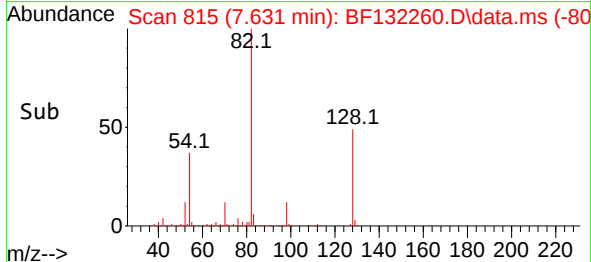
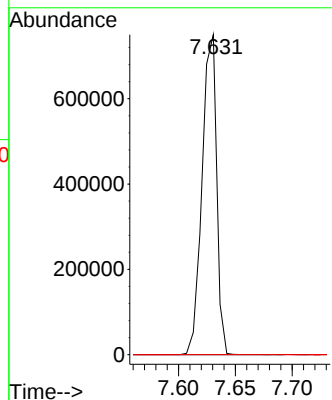
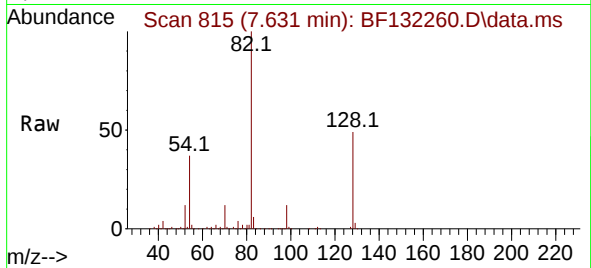




#25
Isophorone
Concen: 29.654 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

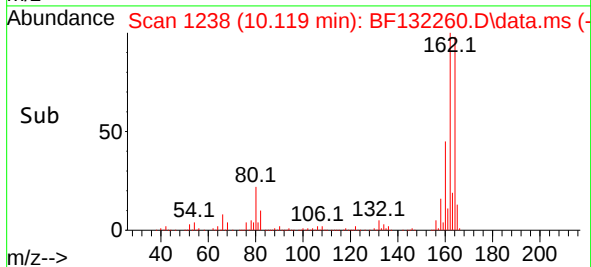
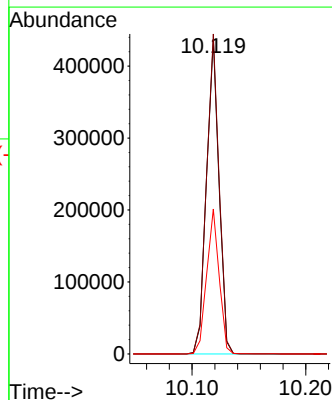
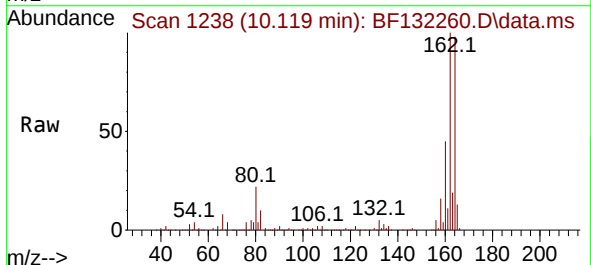
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

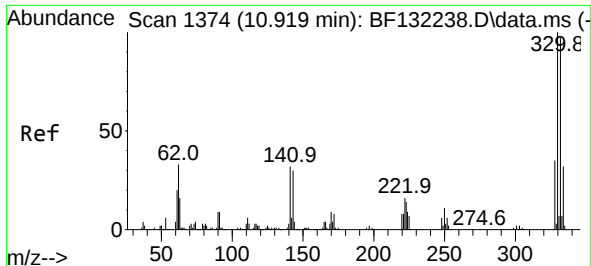
Tgt Ion: 82 Resp: 668375
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion:164 Resp: 334665
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 46.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 65.053 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132260.D

Acq: 01 Feb 2023 15:03

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-10-20

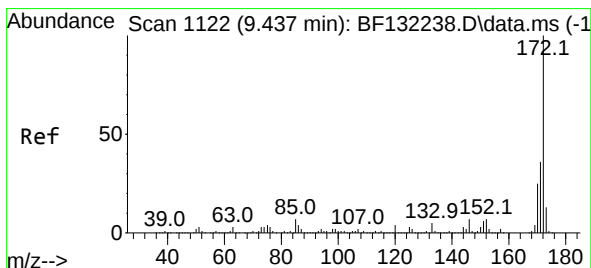
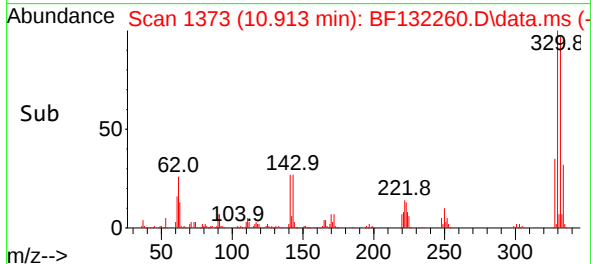
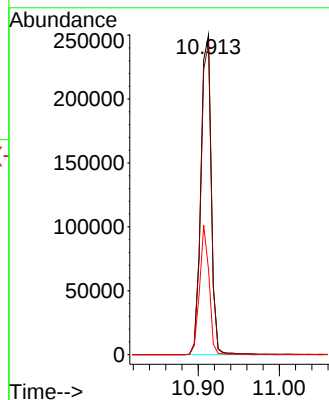
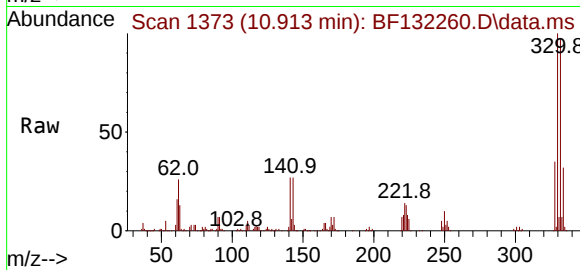
Tgt Ion:330 Resp: 223886

Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

141 36.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 53.273 ng

RT: 9.430 min Scan# 1121

Delta R.T. -0.007 min

Lab File: BF132260.D

Acq: 01 Feb 2023 15:03

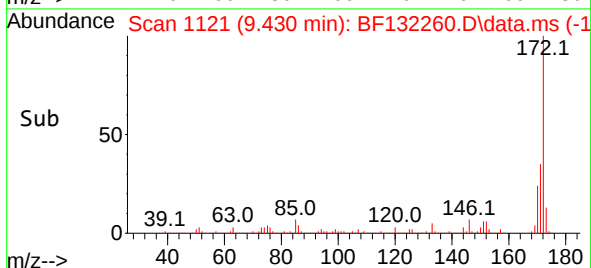
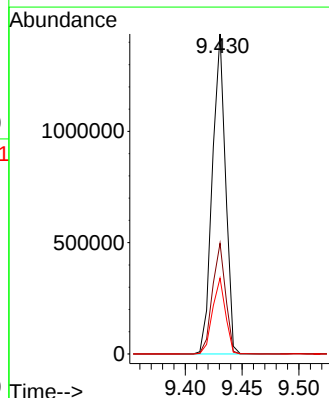
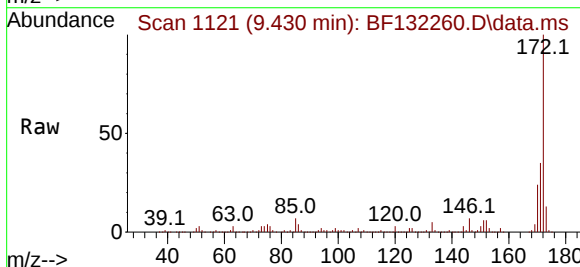
Tgt Ion:172 Resp: 1154515

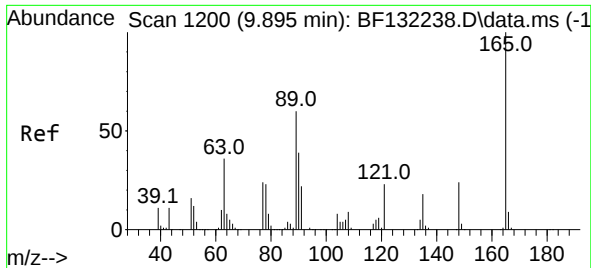
Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.7 19.7 29.5

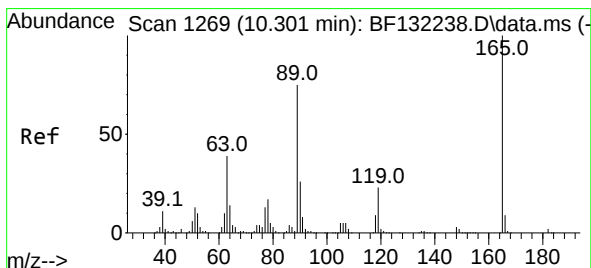
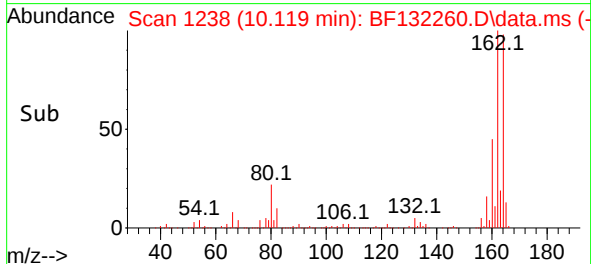
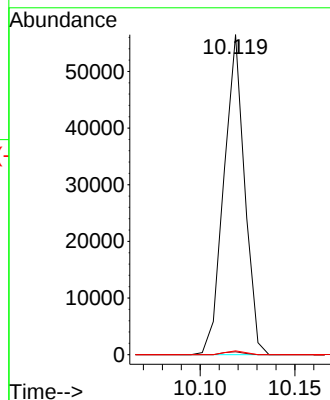
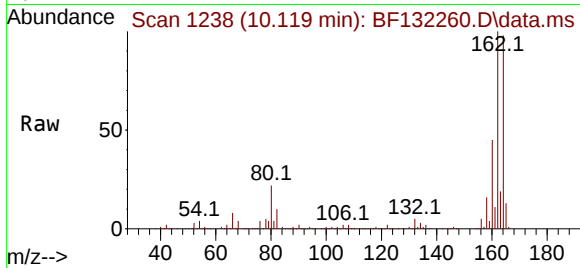




#51
2,6-Dinitrotoluene
Concen: 8.219 ng
RT: 10.119 min Scan# 11
Delta R.T. 0.224 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

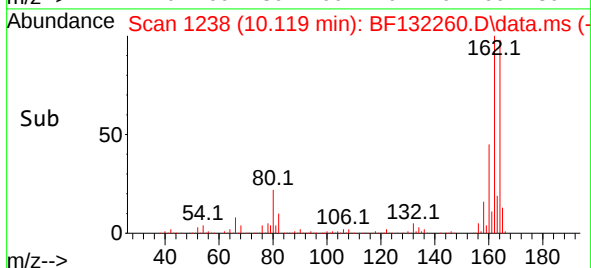
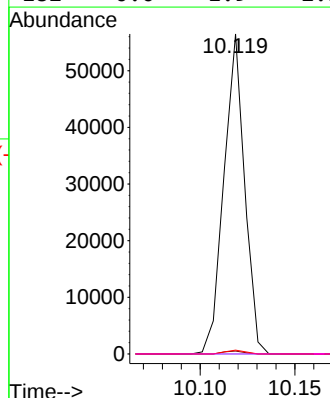
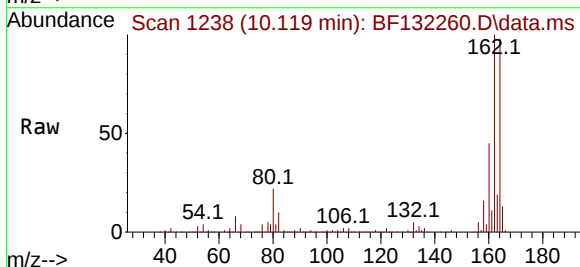
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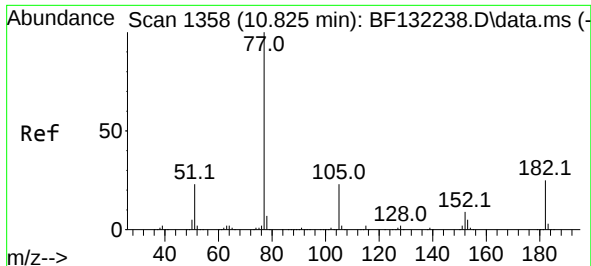
Tgt Ion:165 Resp: 42971
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.183 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion:165 Resp: 42971
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

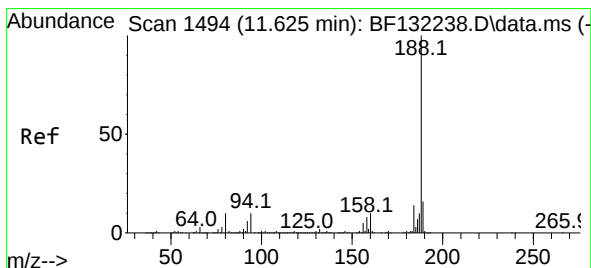
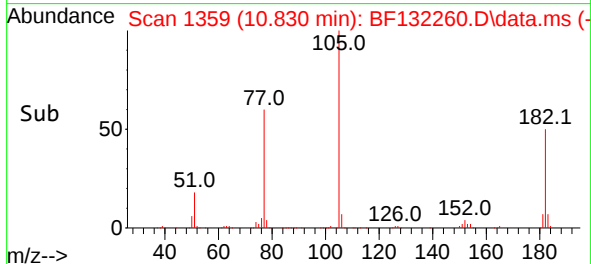
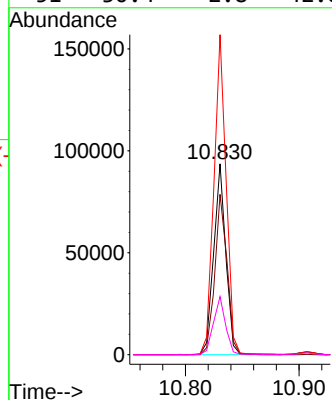
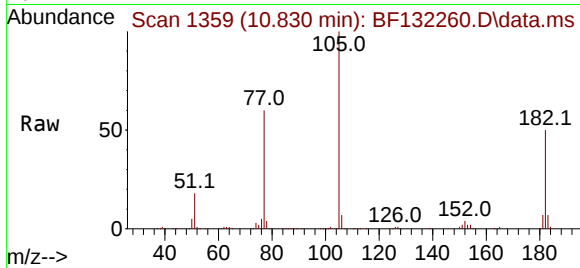




#63
Azobenzene
Concen: 3.061 ng
RT: 10.830 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

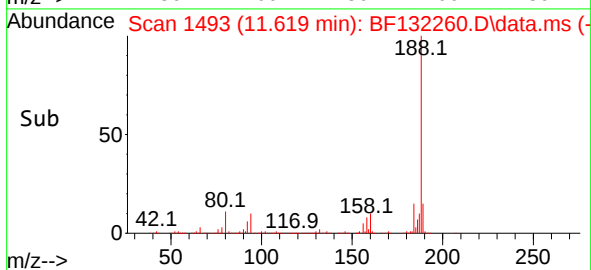
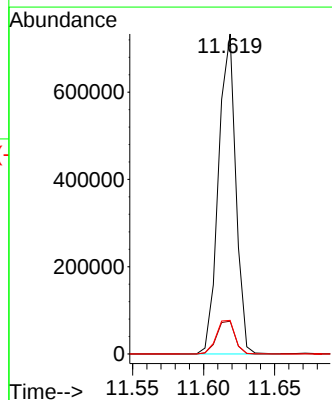
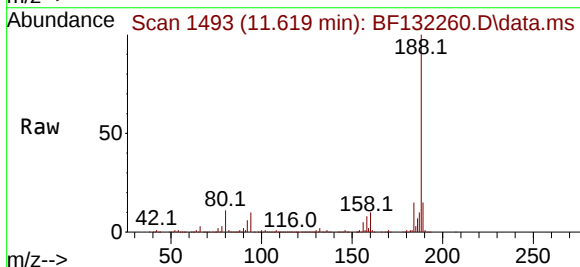
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

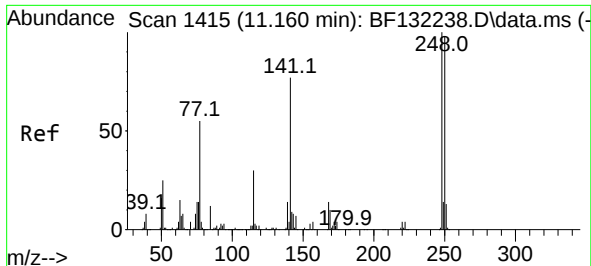
Tgt Ion: 77 Resp: 69433
Ion Ratio Lower Upper
77 100
182 84.0 4.5 44.5#
105 167.6 2.7 42.7#
51 30.4 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion: 188 Resp: 619269
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.5 8.3 12.5

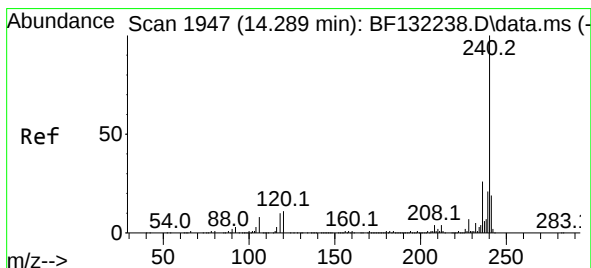
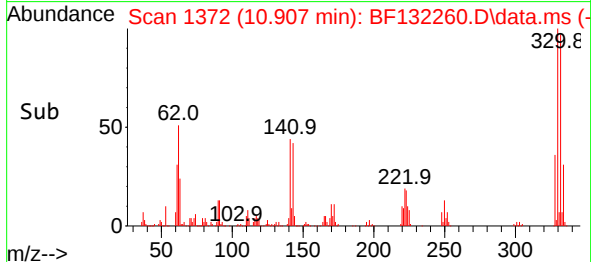
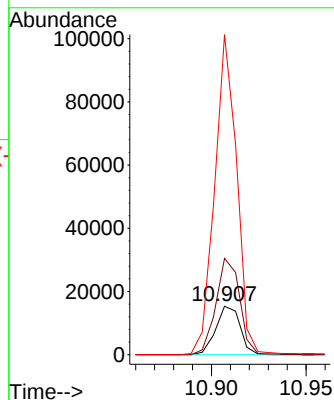
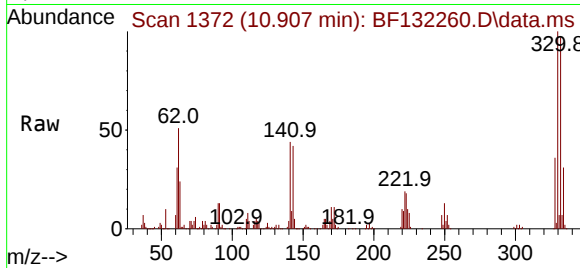




#67
4-Bromophenyl-phenylether
Concen: 2.147 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

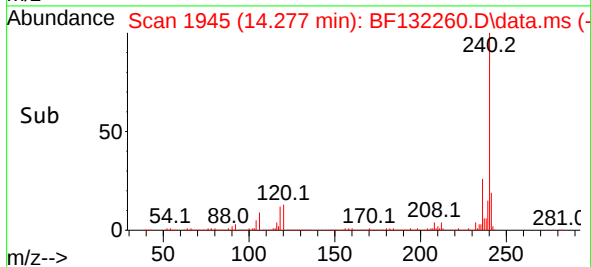
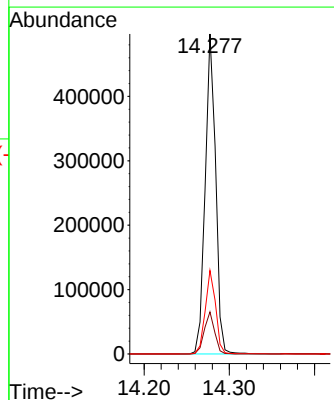
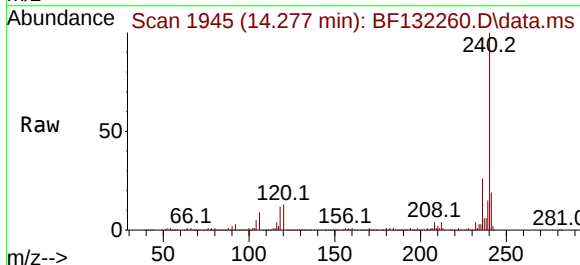
Instrument :
BNA_F
ClientSampleId :
TJRC-11823-B4-10-20

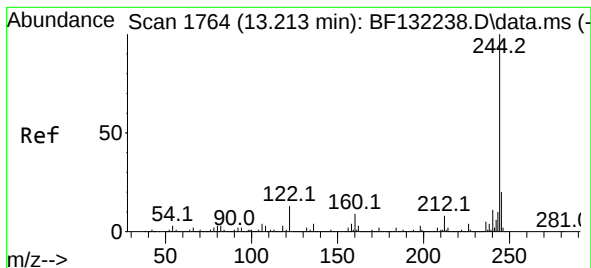
Tgt Ion:248 Resp: 13613
Ion Ratio Lower Upper
248 100
250 199.0 78.6 117.8#
141 660.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132260.D
Acq: 01 Feb 2023 15:03

Tgt Ion:240 Resp: 423922
Ion Ratio Lower Upper
240 100
120 13.2 8.8 13.2
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 55.980 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132260.D

Acq: 01 Feb 2023 15:03

Instrument :

BNA_F

ClientSampleId :

TJRC-11823-B4-10-20

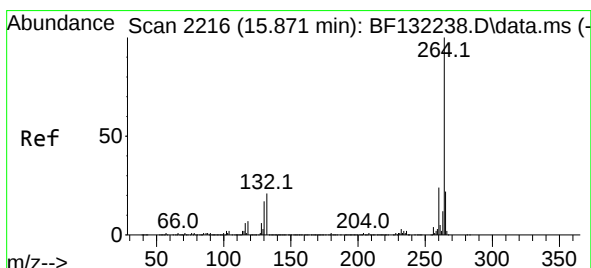
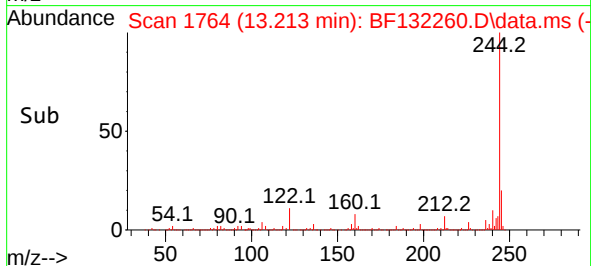
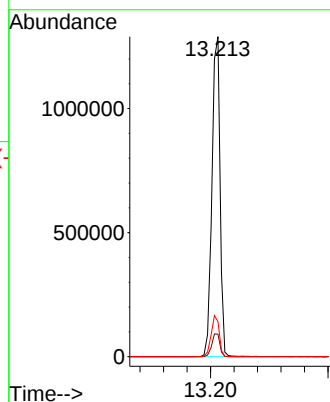
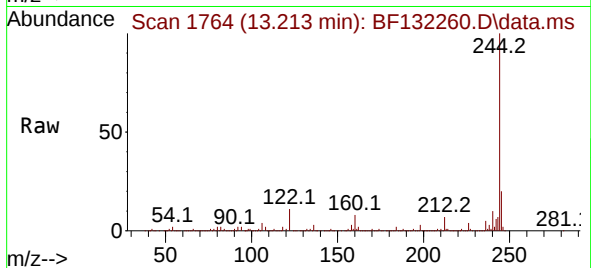
Tgt Ion:244 Resp: 1226788

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

122 11.0 10.5 15.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.865 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132260.D

Acq: 01 Feb 2023 15:03

Tgt Ion:264 Resp: 365830

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.3 17.4 26.2

