

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132291.D
 Acq On : 02 Feb 2023 14:26
 Operator : CG\JU
 Sample : 01358-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-2-012723

Quant Time: Feb 03 00:21:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

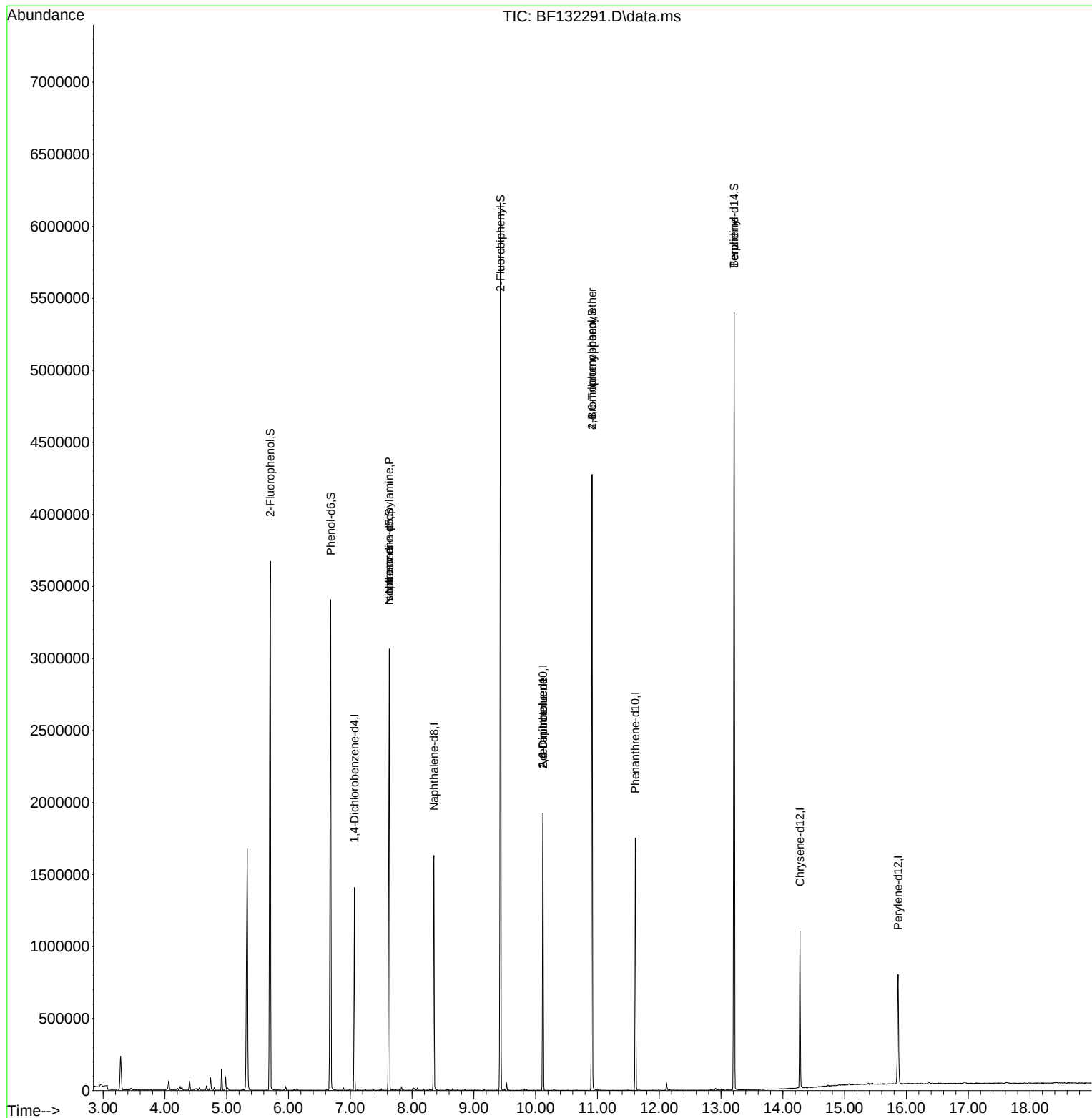
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	199240	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	764889	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	382869	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	662553	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	337302	20.000	ng	-0.01
86) Perylene-d12	15.865	264	367200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1368663	110.419	ng	0.02
7) Phenol-d6	6.684	99	1553640	101.668	ng	0.00
23) Nitrobenzene-d5	7.631	82	1106384	80.492	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	554246	140.769	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1945917	78.486	ng	0.00
79) Terphenyl-d14	13.213	244	1885897	108.155	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.625	77	314	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.631	70	139423	16.062	ng	# 77
25) Isophorone	7.631	82	1106358	42.408	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	49896	8.342	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	49896	6.422	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	32221	4.749	ng	# 1
77) Benzidine	13.213	184	29393	2.493	ng	# 94

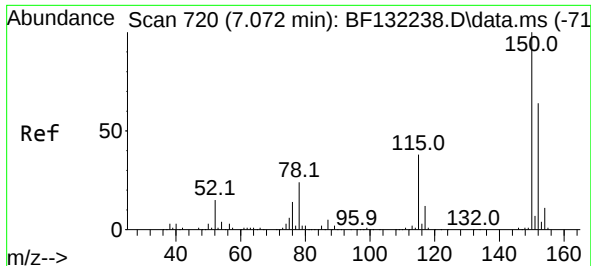
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132291.D
Acq On : 02 Feb 2023 14:26
Operator : CG\JU
Sample : 01358-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

Quant Time: Feb 03 00:21:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

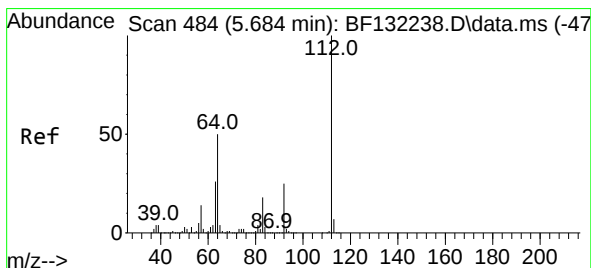
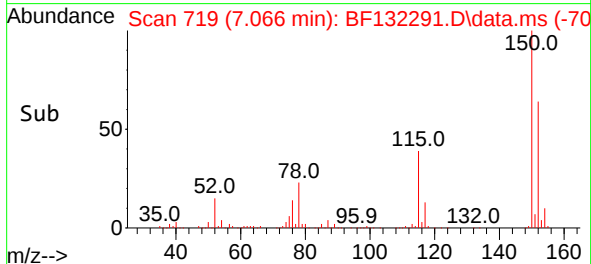
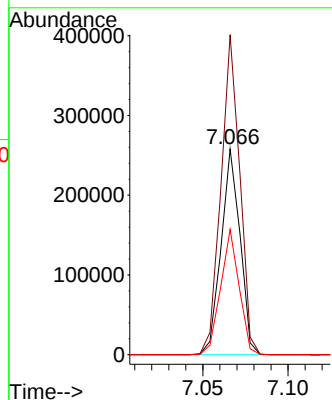
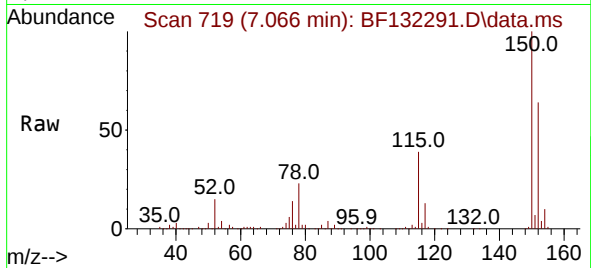




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132291.D
 Acq: 02 Feb 2023 14:26

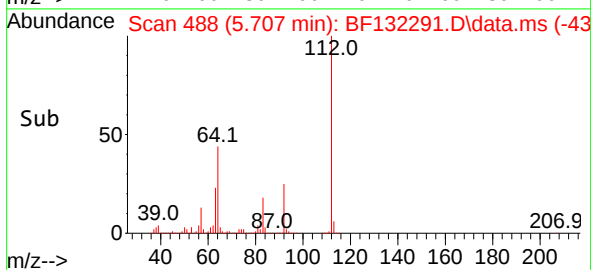
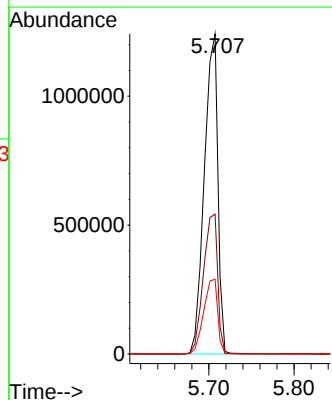
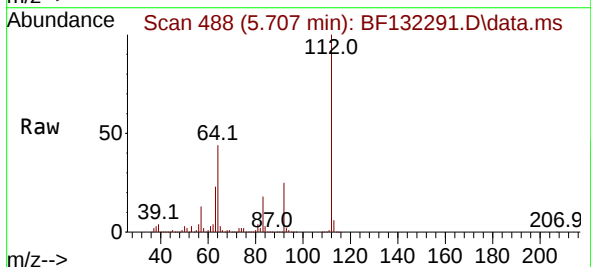
Instrument :
 BNA_F
 ClientSampleId :
 JC-2-012723

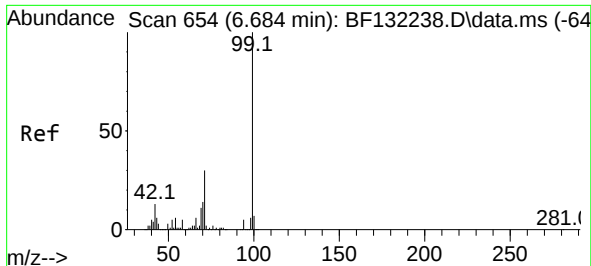
Tgt Ion:152 Resp: 199240
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.2 186.2
 115 60.9 47.3 70.9



#5
 2-Fluorophenol
 Concen: 110.419 ng
 RT: 5.707 min Scan# 488
 Delta R.T. 0.023 min
 Lab File: BF132291.D
 Acq: 02 Feb 2023 14:26

Tgt Ion:112 Resp: 1368663
 Ion Ratio Lower Upper
 112 100
 64 43.7 40.0 60.0
 63 23.3 20.5 30.7

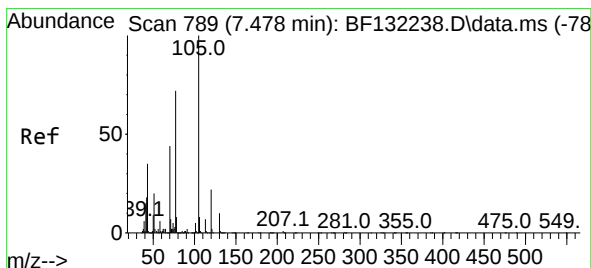
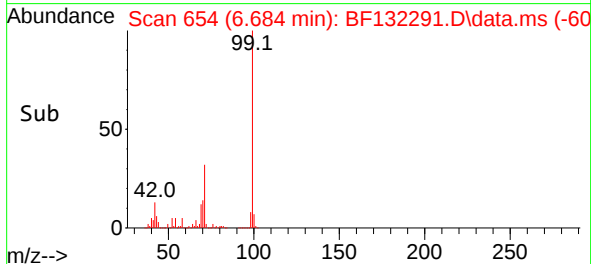
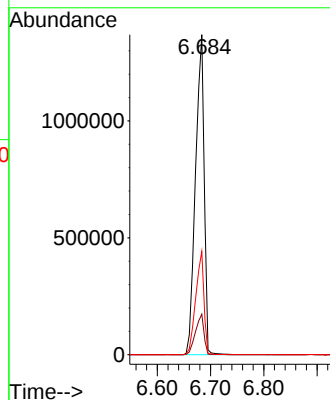
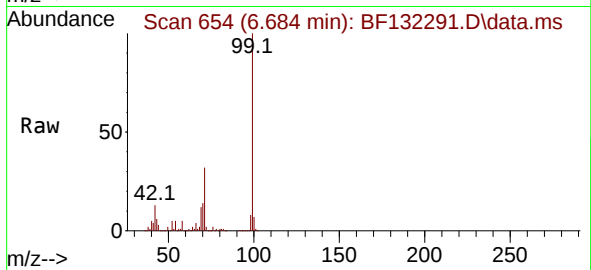




#7
Phenol-d6
Concen: 101.668 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

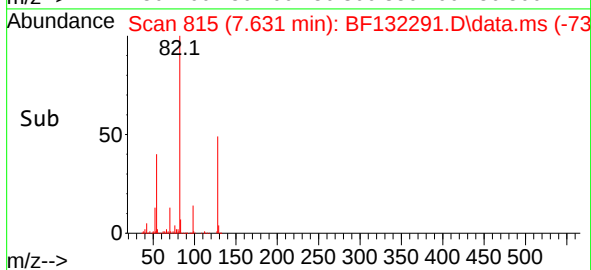
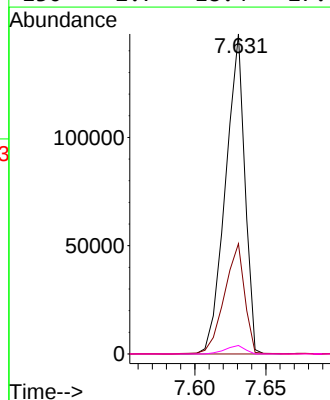
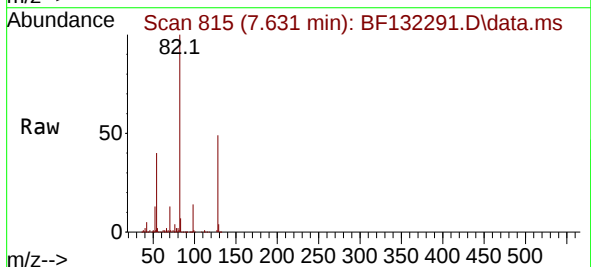
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

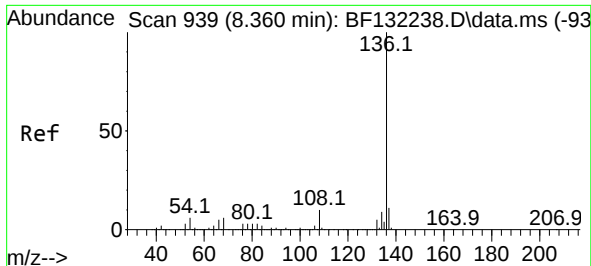
Tgt Ion: 99 Resp: 1553640
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 32.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.062 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion: 70 Resp: 139423
Ion Ratio Lower Upper
70 100
42 34.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#



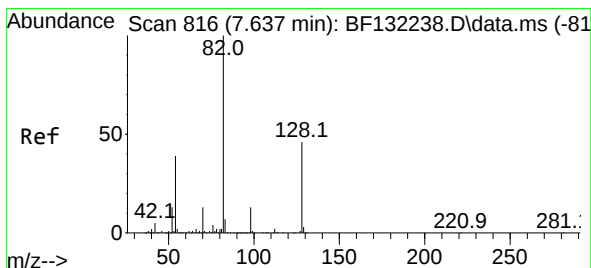
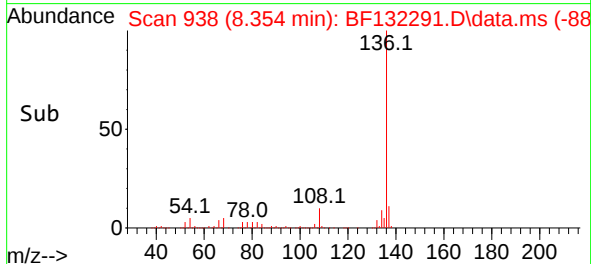
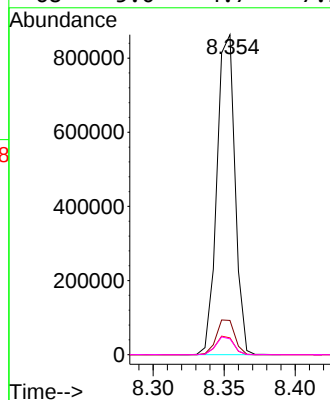
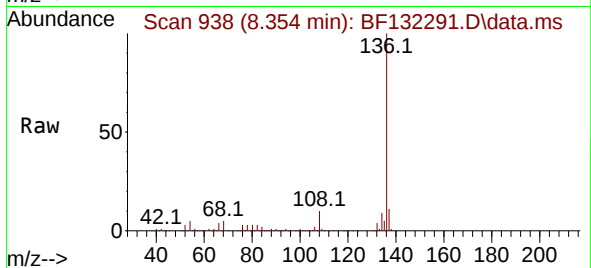


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Instrument :
BNA_F
ClientSampleId :
JC-2-012723

Tgt Ion:136 Resp: 764889

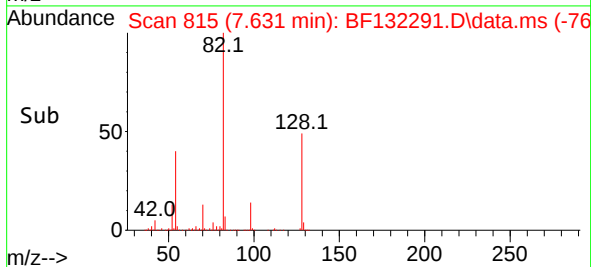
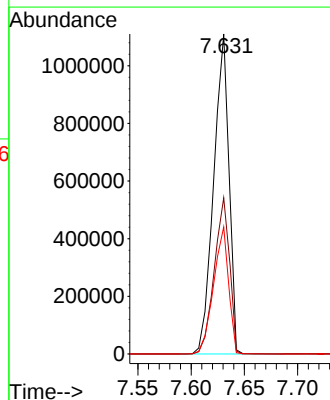
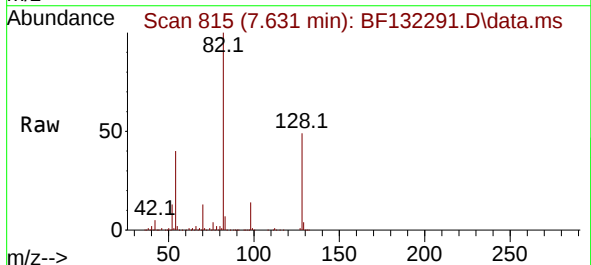
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.3	4.9	7.3
68	5.0	4.7	7.1

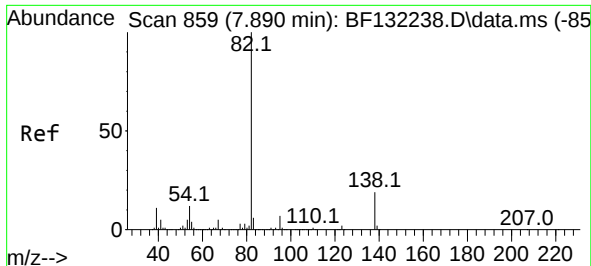


#23
Nitrobenzene-d5
Concen: 80.492 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion: 82 Resp: 1106384

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	39.7	31.5	47.3

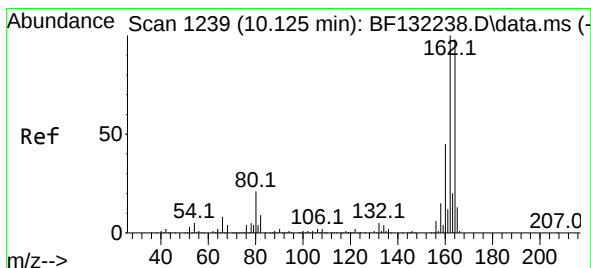
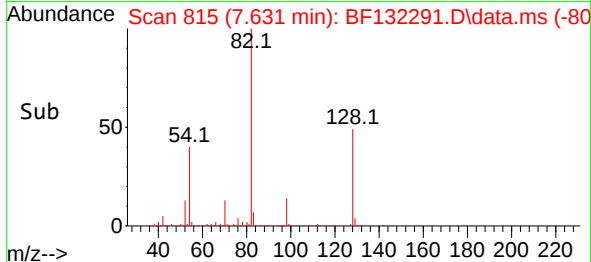
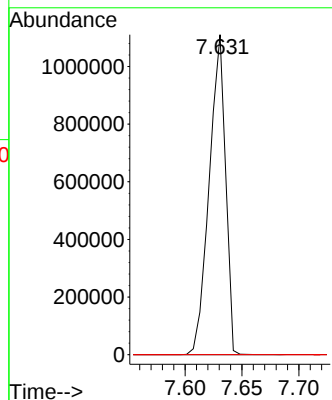
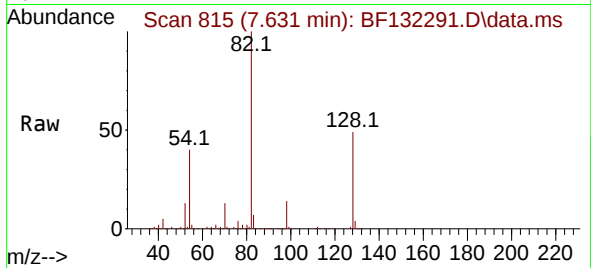




#25
Isophorone
Concen: 42.408 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

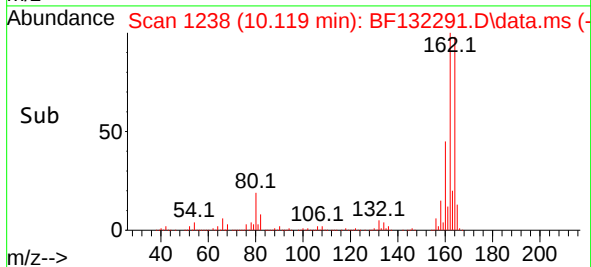
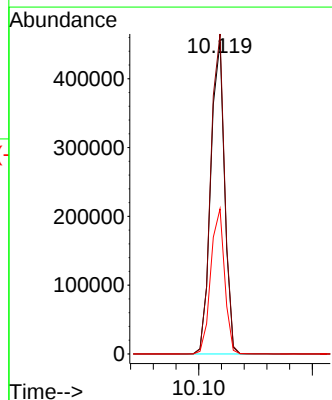
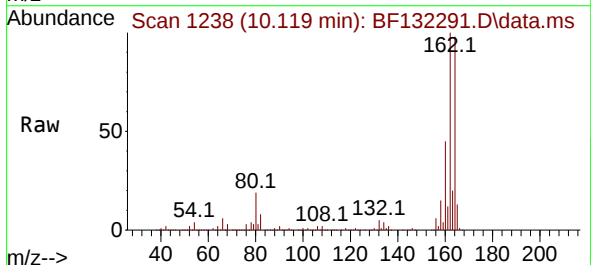
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

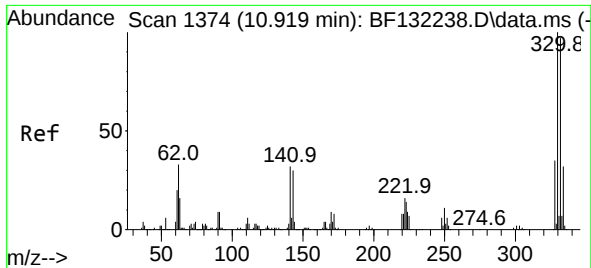
Tgt Ion: 82 Resp: 1106358
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion: 164 Resp: 382869
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 46.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 140.769 ng

RT: 10.913 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132291.D

Acq: 02 Feb 2023 14:26

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

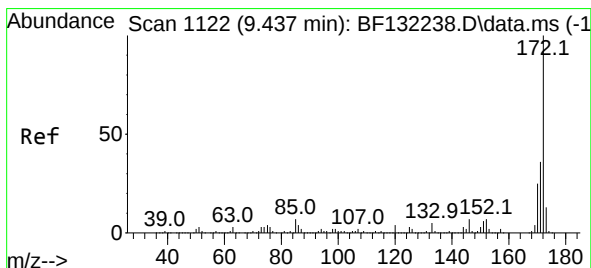
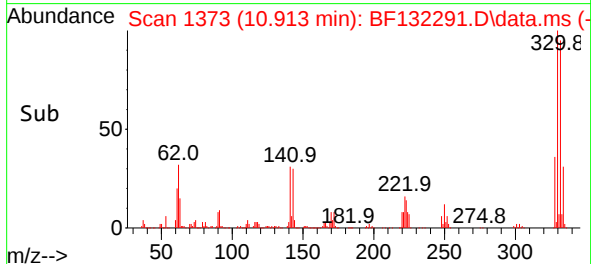
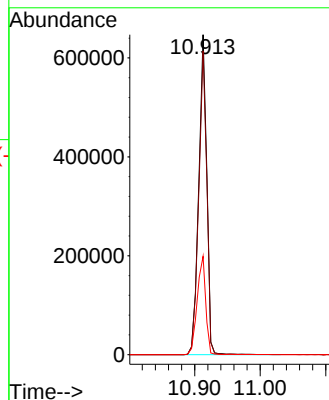
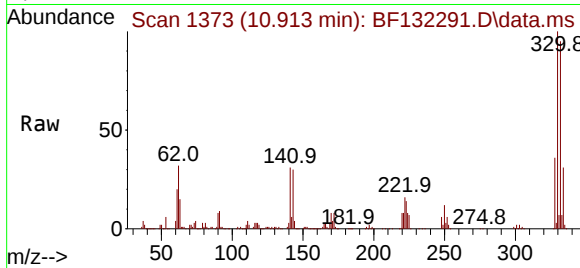
Tgt Ion:330 Resp: 554246

Ion Ratio Lower Upper

330 100

332 95.3 77.9 116.9

141 32.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.486 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132291.D

Acq: 02 Feb 2023 14:26

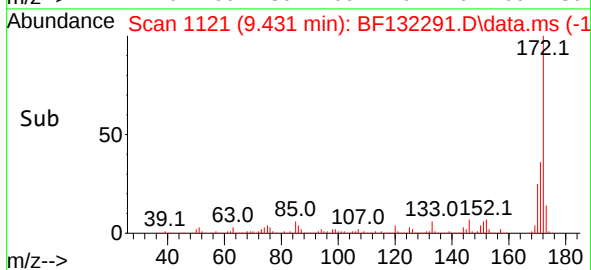
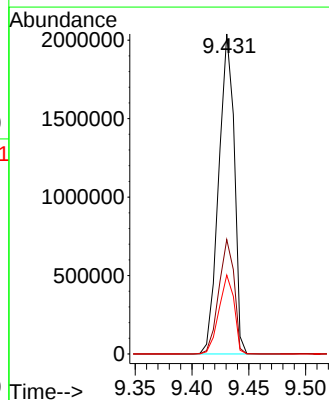
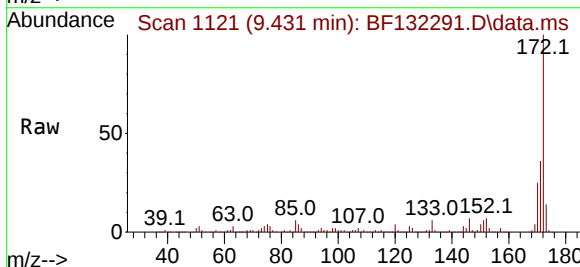
Tgt Ion:172 Resp: 1945917

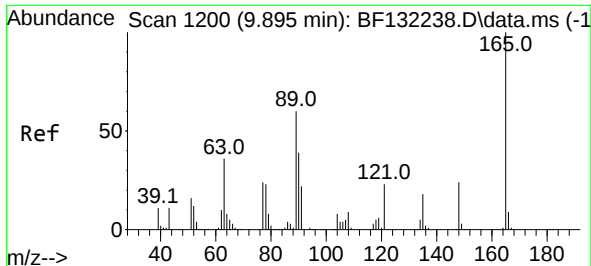
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.7 19.7 29.5

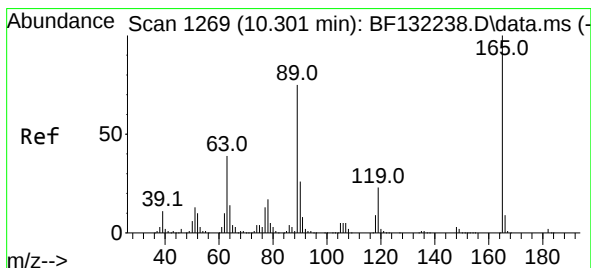
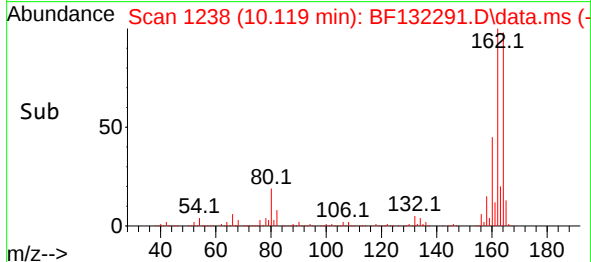
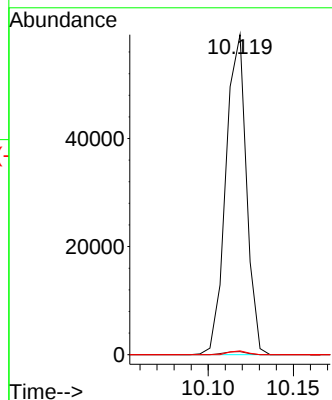
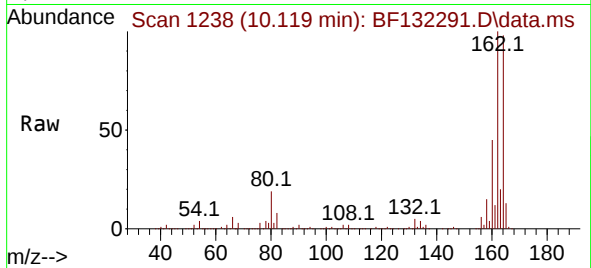




#51
2,6-Dinitrotoluene
Concen: 8.342 ng
RT: 10.119 min Scan# 1200
Delta R.T. 0.224 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

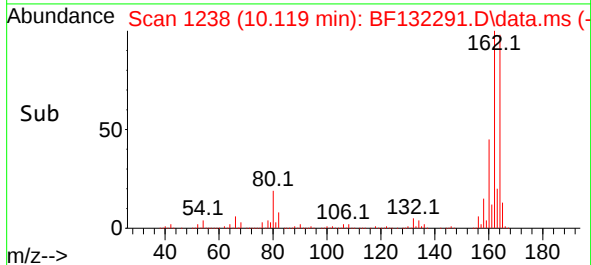
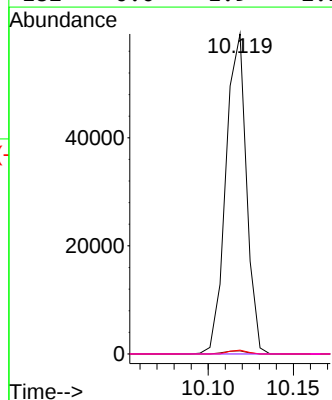
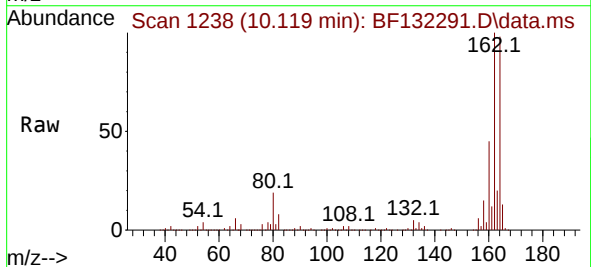
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

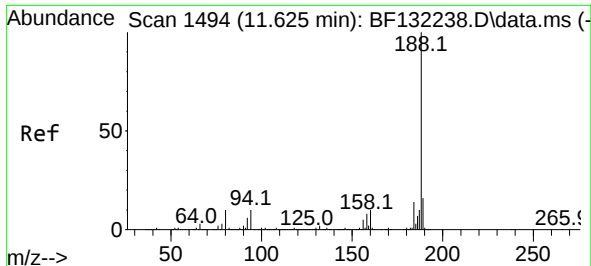
Tgt Ion:165 Resp: 49896
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.183 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion:165 Resp: 49896
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#

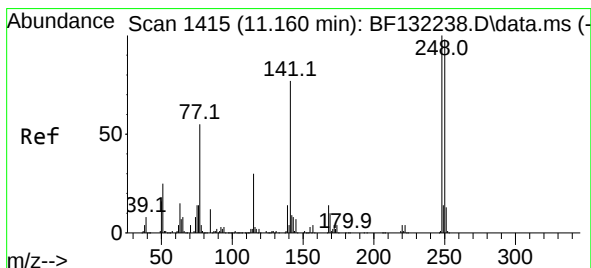
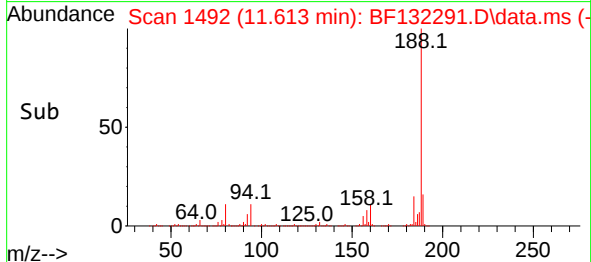
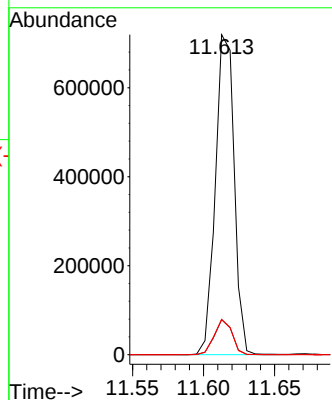
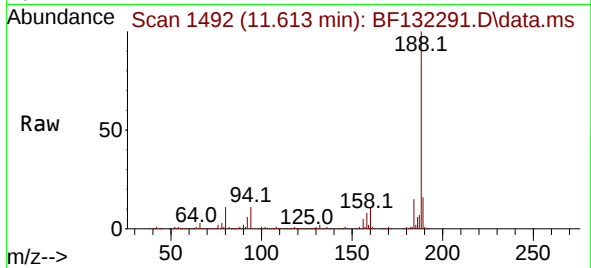




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

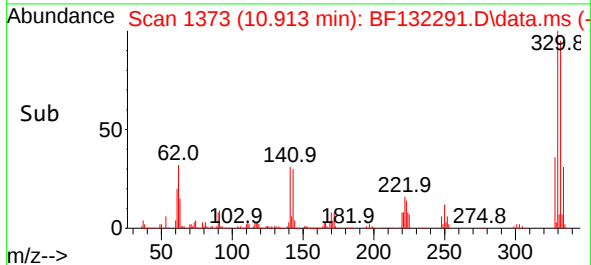
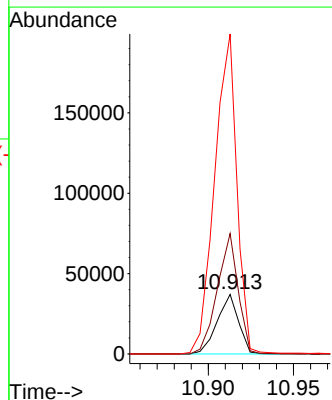
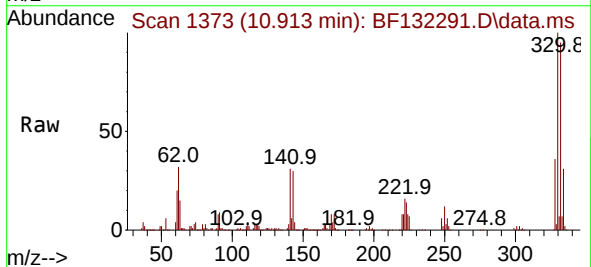
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

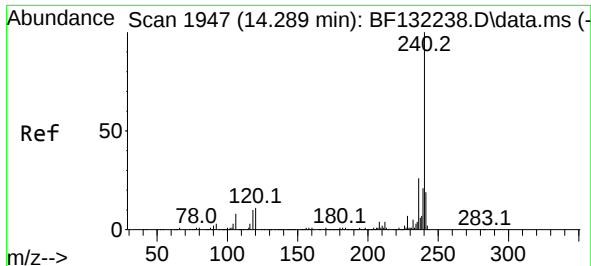
Tgt Ion:188 Resp: 662553
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 11.1 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.749 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion:248 Resp: 32221
Ion Ratio Lower Upper
248 100
250 202.3 78.6 117.8#
141 537.4 61.6 92.4#

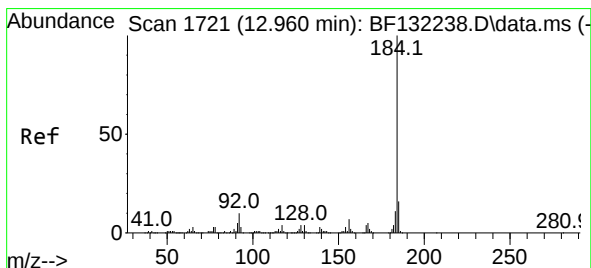
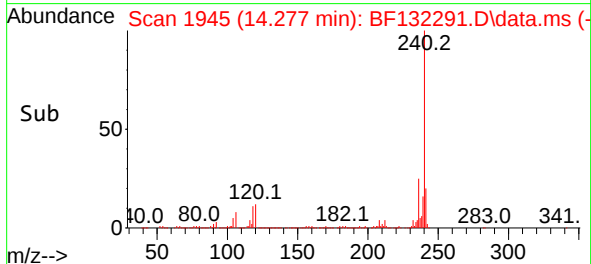
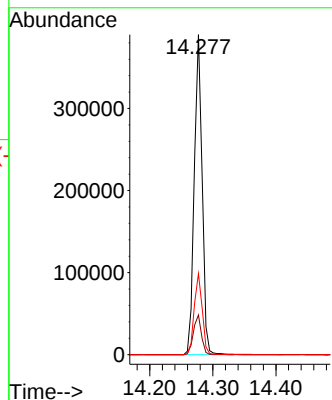
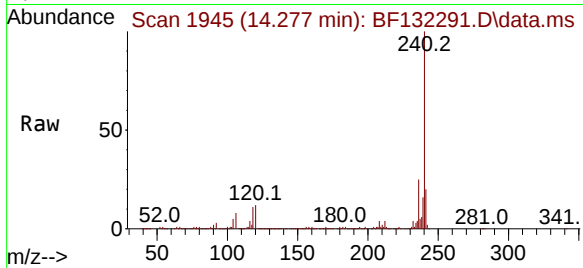




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

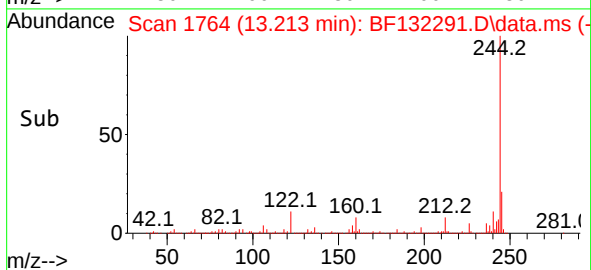
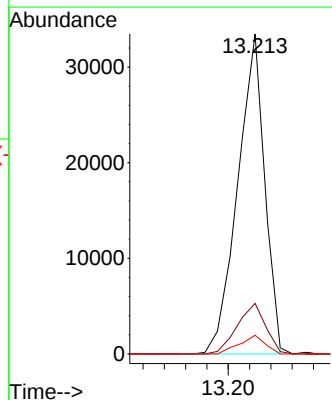
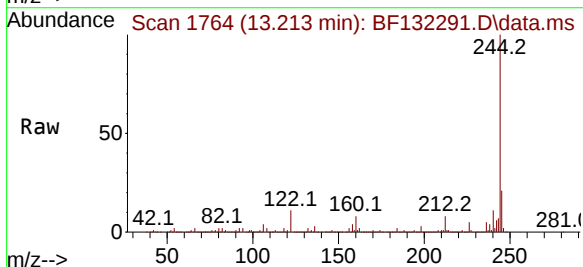
Instrument :
BNA_F
ClientSampleId :
JC-2-012723

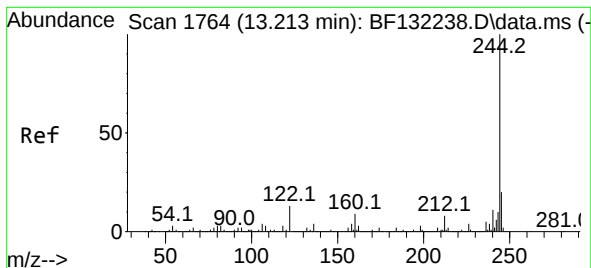
Tgt Ion:240 Resp: 337302
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 25.3 21.0 31.6



#77
Benzidine
Concen: 2.493 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132291.D
Acq: 02 Feb 2023 14:26

Tgt Ion:184 Resp: 29393
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 5.9 8.9 13.3#





#79

Terphenyl-d14

Concen: 108.155 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132291.D

Acq: 02 Feb 2023 14:26

Instrument :

BNA_F

ClientSampleId :

JC-2-012723

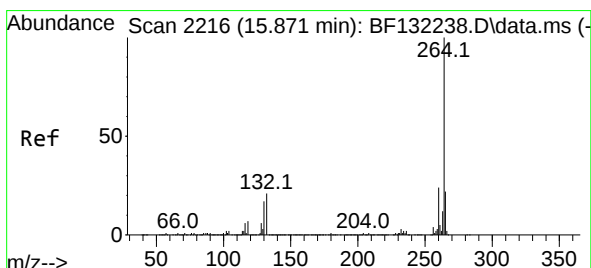
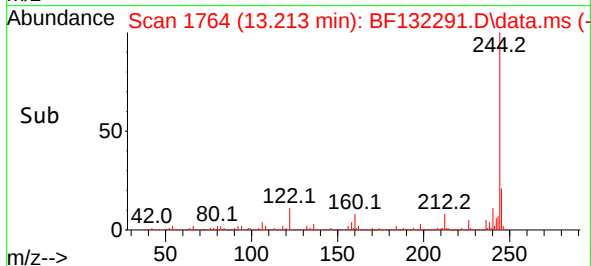
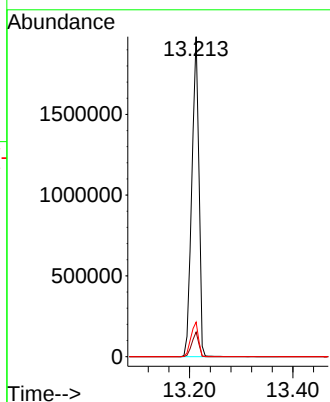
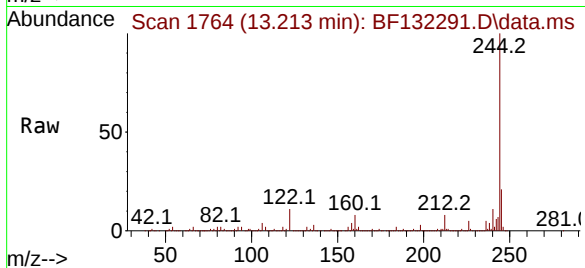
Tgt Ion:244 Resp: 1885897

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 10.8 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: BF132291.D

Acq: 02 Feb 2023 14:26

Tgt Ion:264 Resp: 367200

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.4 17.4 26.2

