

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132257.D
 Acq On : 01 Feb 2023 13:27
 Operator : CG\JU
 Sample : 01352-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 02 00:53:30 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)

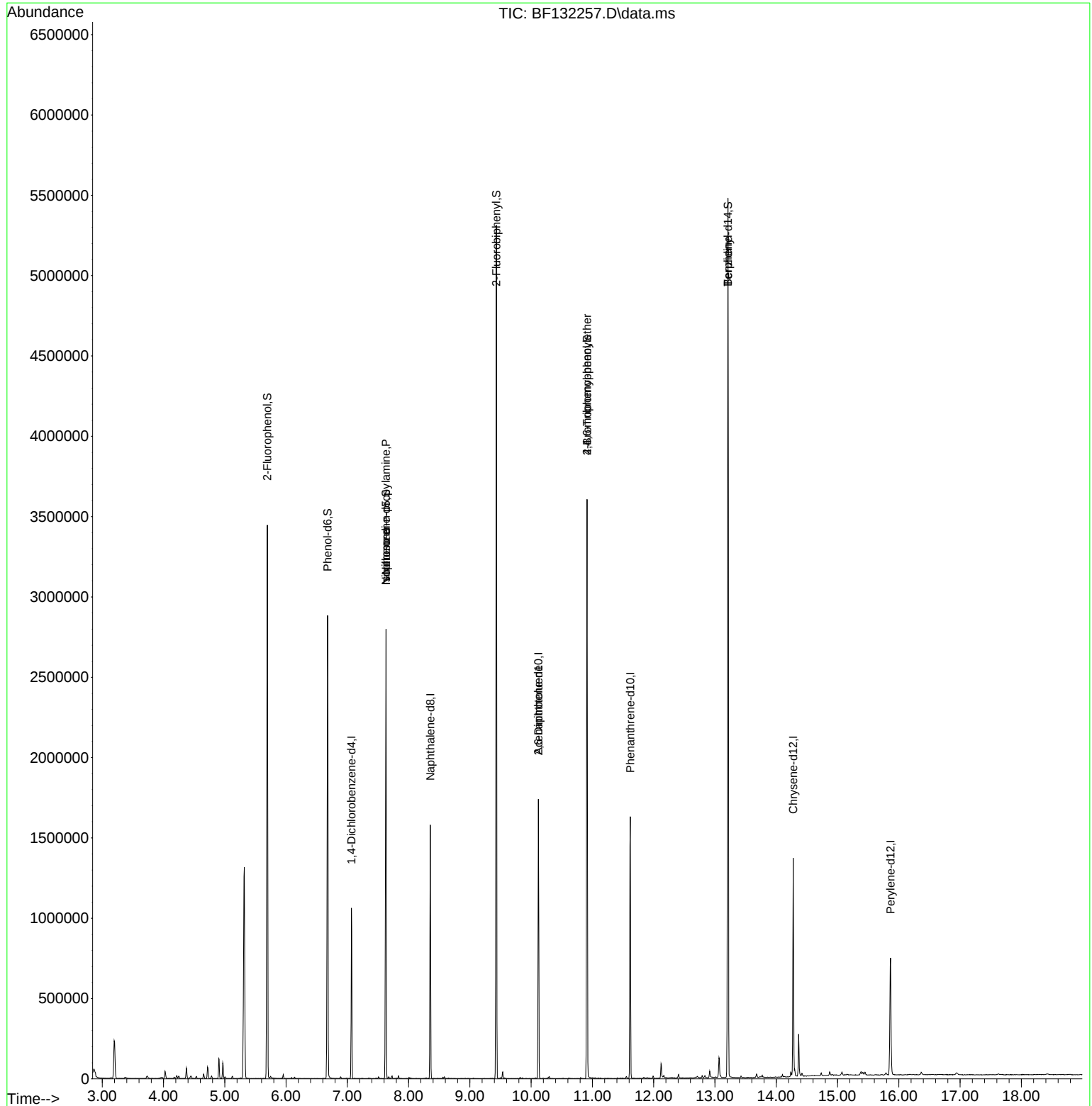
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	162973	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	620216	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	313651	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	582296	20.000	ng	0.00
76) Chrysene-d12	14.277	240	406540	20.000	ng	-0.01
86) Perylene-d12	15.865	264	346363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1113461	109.820	ng	0.01
7) Phenol-d6	6.678	99	1250443	100.036	ng	0.00
23) Nitrobenzene-d5	7.631	82	911357	81.769	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	434260	134.635	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1580586	77.820	ng	0.00
79) Terphenyl-d14	13.213	244	1920038	91.360	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.619	77	169	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.631	70	114575	16.137	ng	# 76
25) Isophorone	7.631	82	911343	43.081	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	40383	8.241	ng	# 25
67) 4-Bromophenyl-phenylether	10.913	248	25132	4.215	ng	# 1
77) Benzidine	13.213	184	30382	2.138	ng	# 93

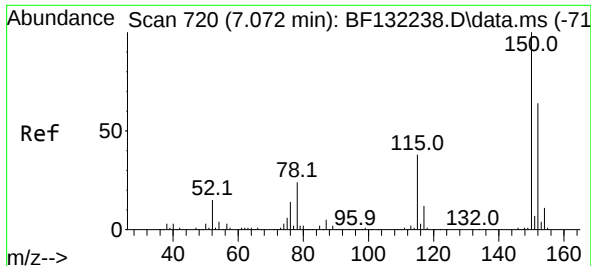
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 00:53:30 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

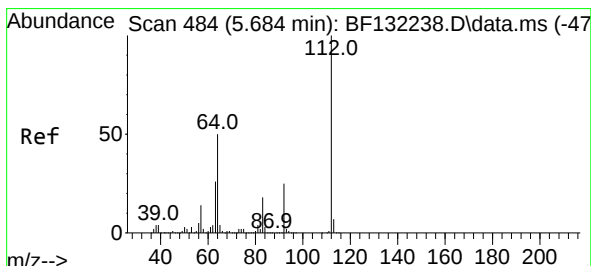
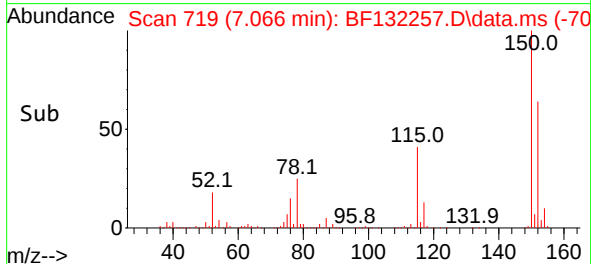
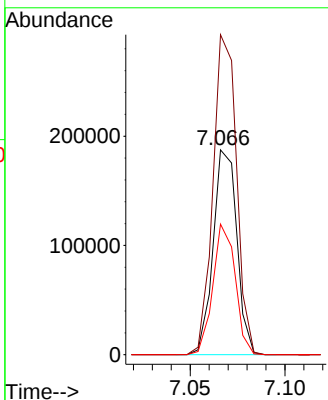
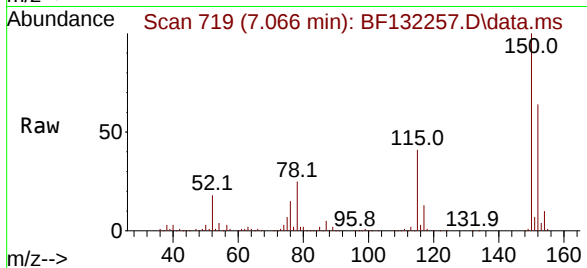




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

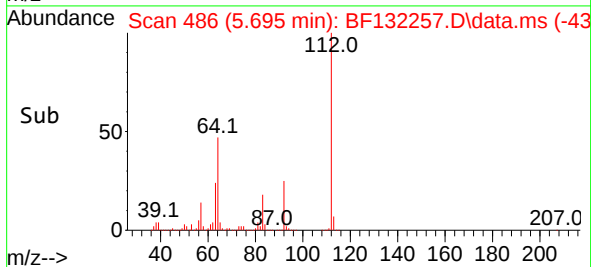
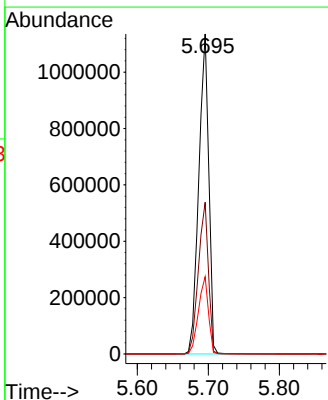
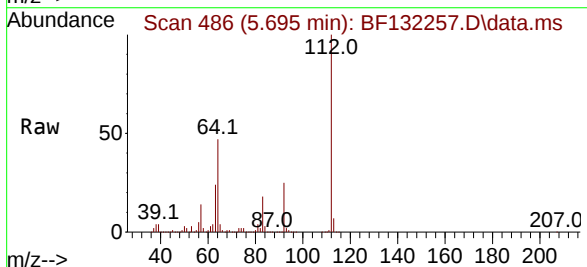
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

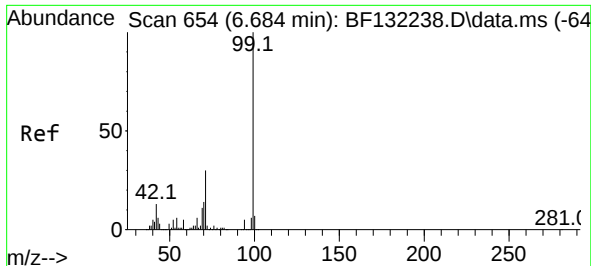
Tgt Ion:152 Resp: 162973
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 63.7 47.3 70.9



#5
2-Fluorophenol
Concen: 109.820 ng
RT: 5.695 min Scan# 486
Delta R.T. 0.012 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Tgt Ion:112 Resp: 1113461
Ion Ratio Lower Upper
112 100
64 47.4 40.0 60.0
63 24.1 20.5 30.7

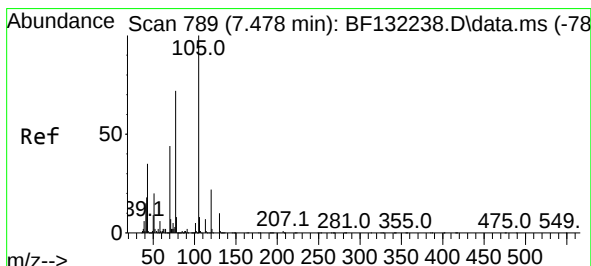
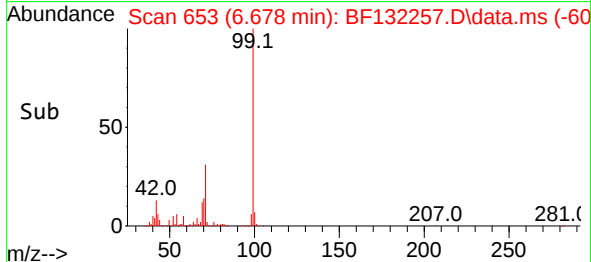
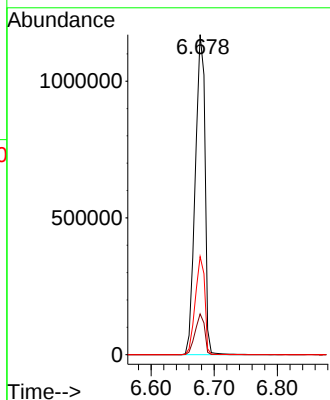
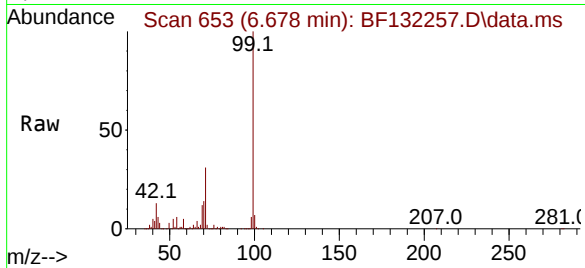




#7
Phenol-d6
Concen: 100.036 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

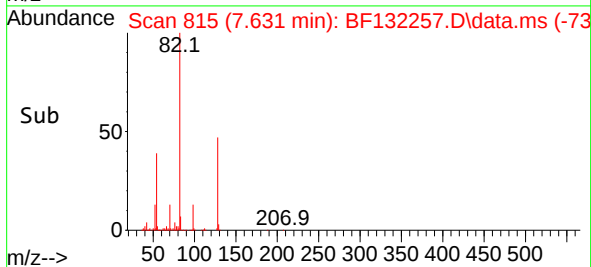
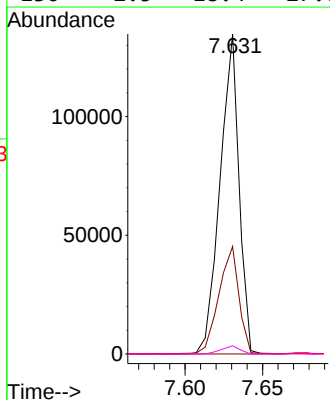
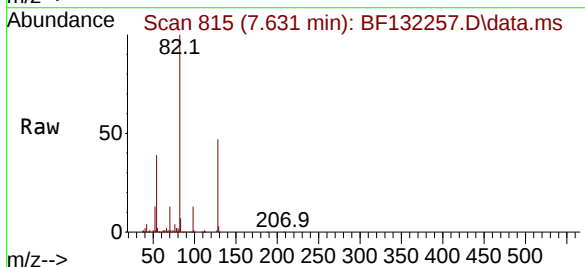
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

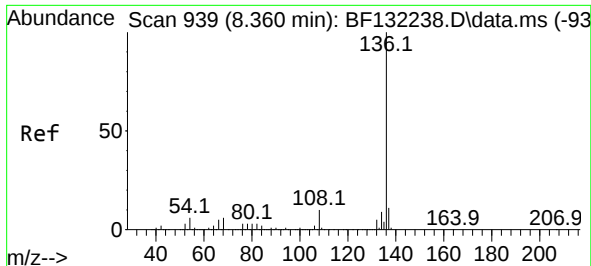
Tgt Ion: 99 Resp: 1250443
Ion Ratio Lower Upper
99 100
42 12.7 10.1 15.1
71 30.7 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.137 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Tgt Ion: 70 Resp: 114575
Ion Ratio Lower Upper
70 100
42 33.6 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#

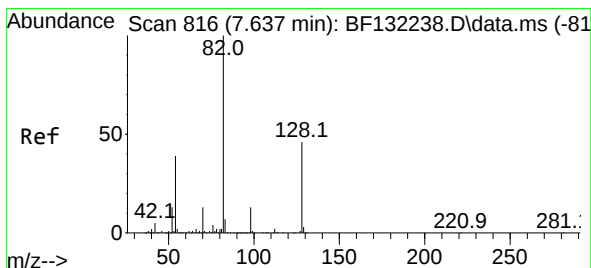
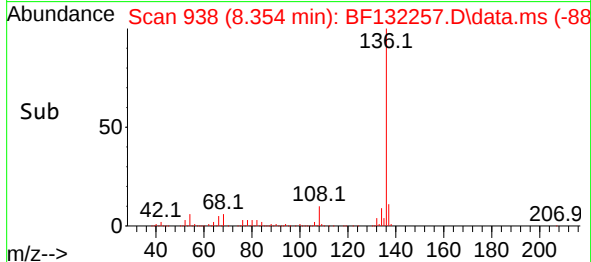
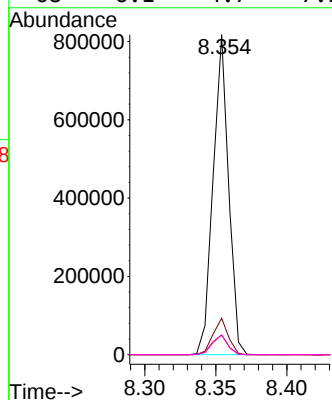
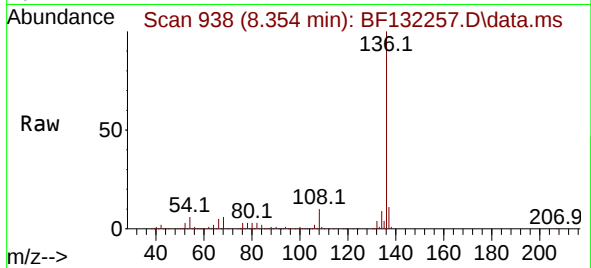




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

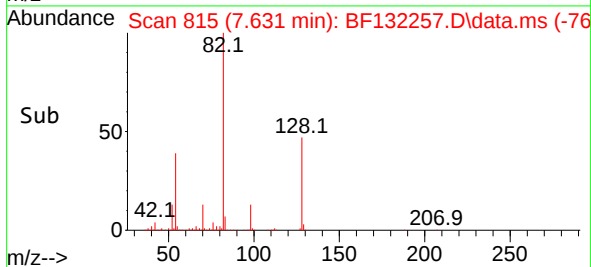
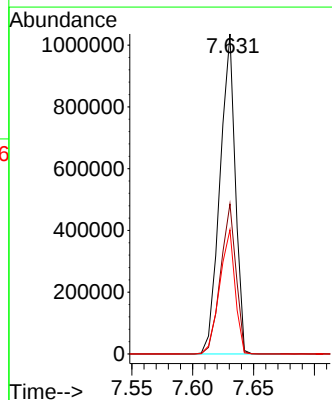
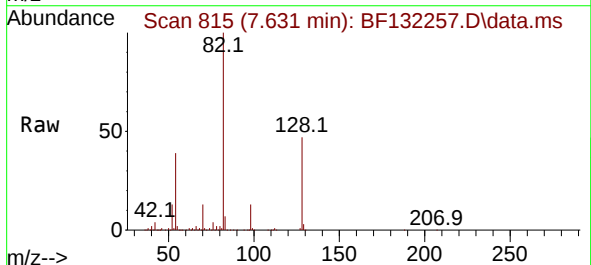
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

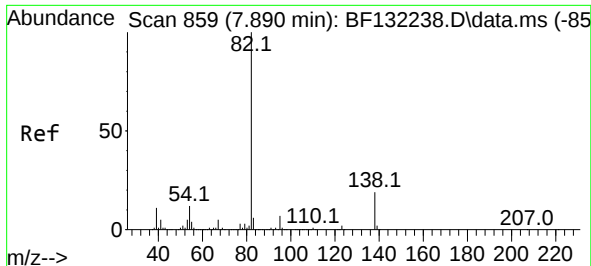
Tgt Ion:136 Resp: 620216
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.2 4.9 7.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 81.769 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Tgt Ion: 82 Resp: 911357
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.4
54 38.8 31.5 47.3

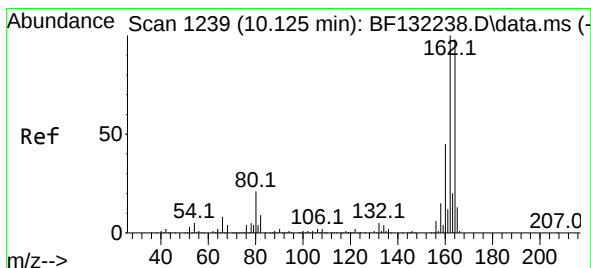
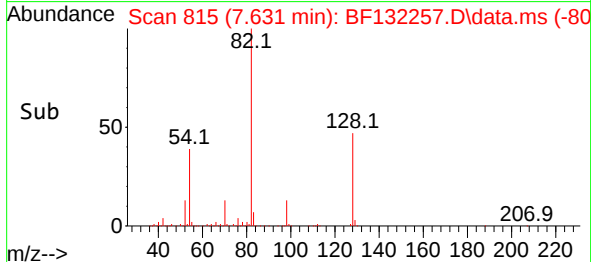
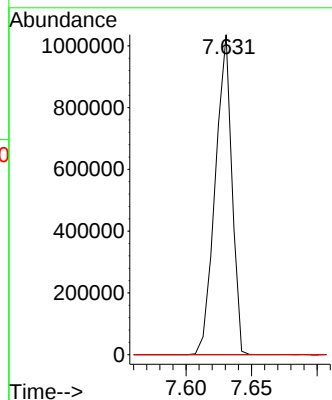
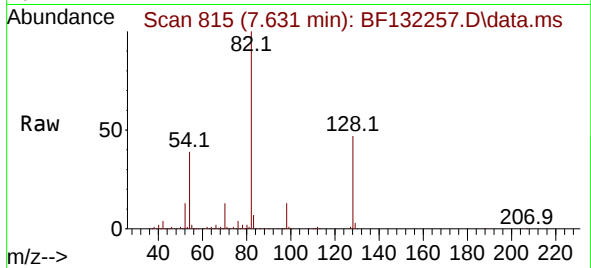




#25
Isophorone
Concen: 43.081 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

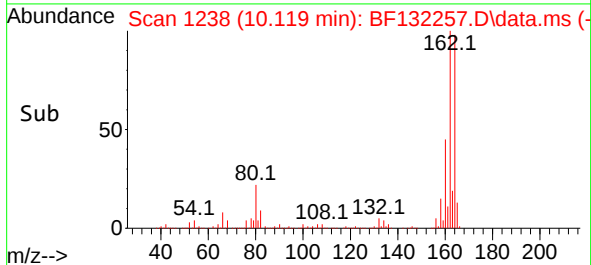
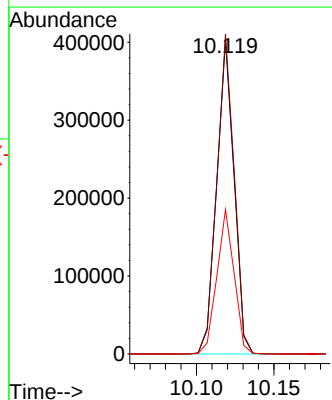
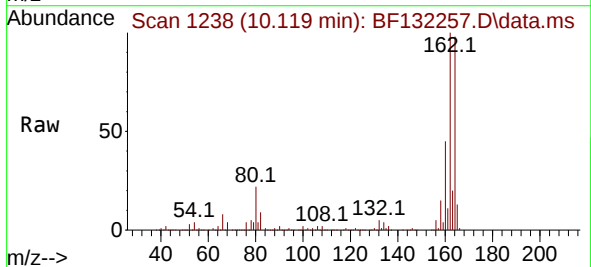
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

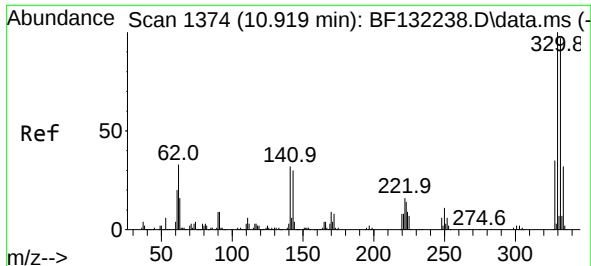
Tgt Ion: 82 Resp: 911343
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Tgt Ion: 164 Resp: 313651
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 46.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 134.635 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

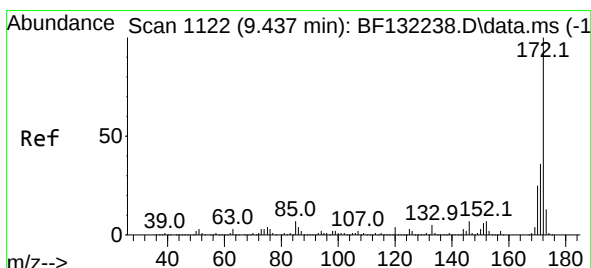
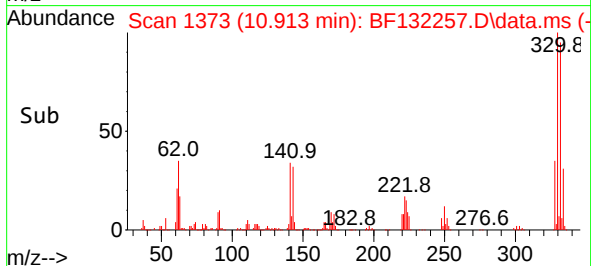
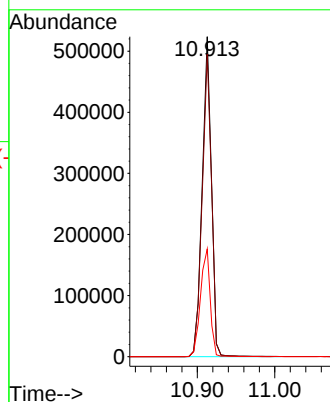
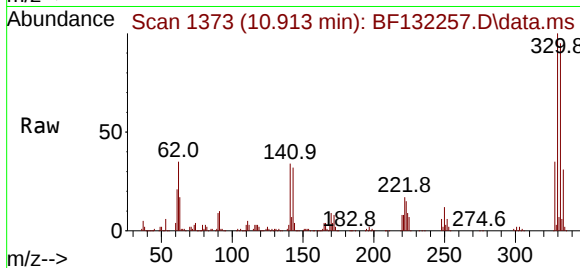
Tgt Ion:330 Resp: 434260

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 77.820 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

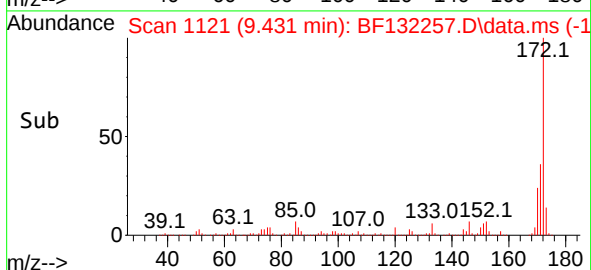
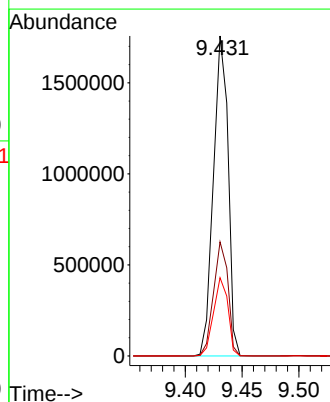
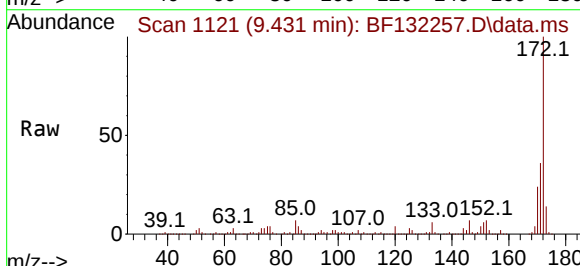
Tgt Ion:172 Resp: 1580586

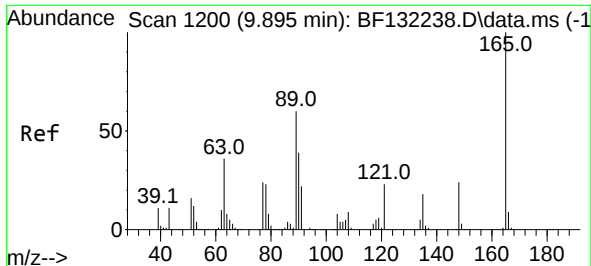
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.5 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.241 ng

RT: 10.119 min Scan# 11

Delta R.T. 0.224 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

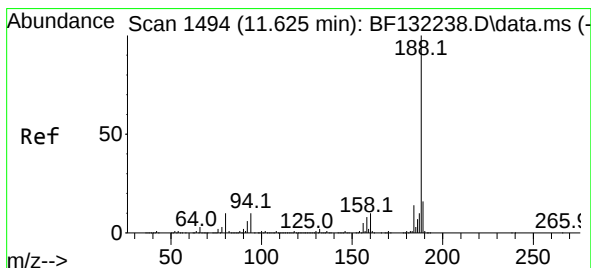
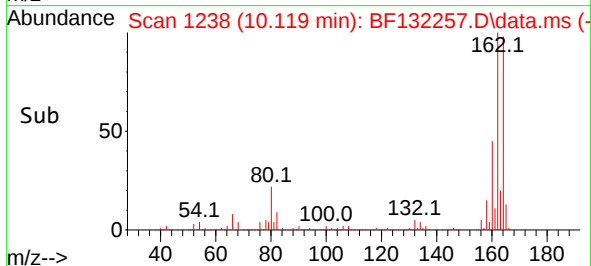
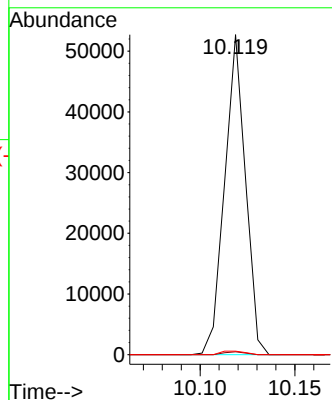
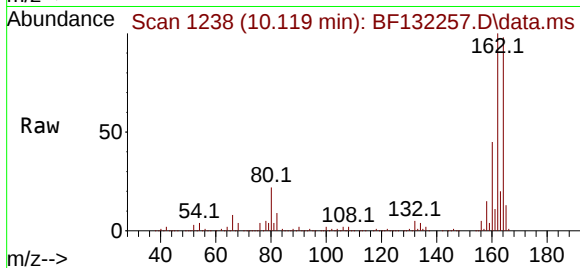
Tgt Ion:165 Resp: 40383

Ion Ratio Lower Upper

165 100

63 0.9 41.5 62.3#

89 1.1 48.1 72.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

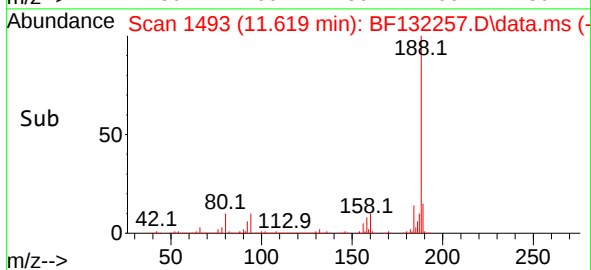
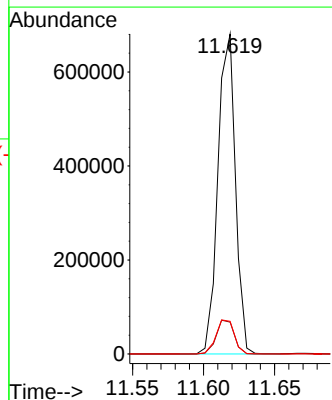
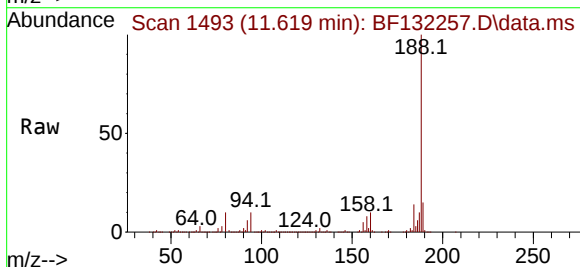
Tgt Ion:188 Resp: 582296

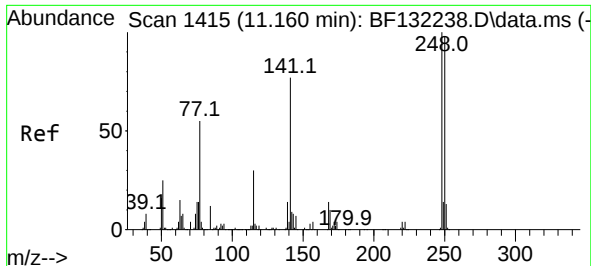
Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

80 10.2 8.3 12.5

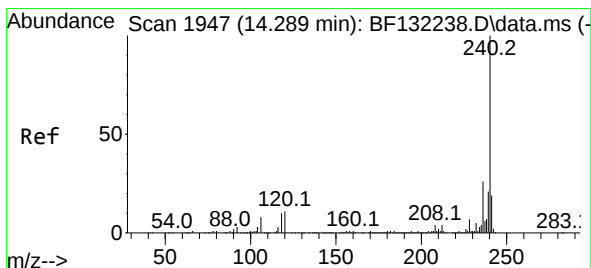
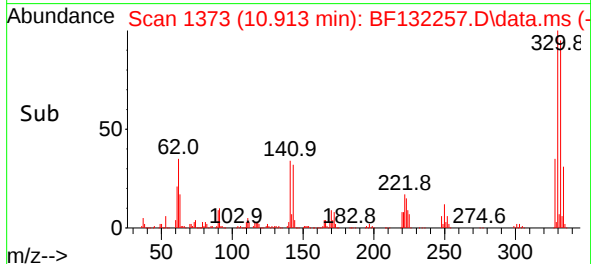
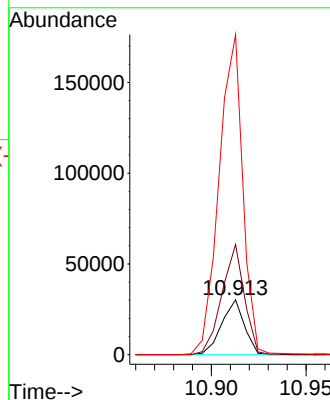
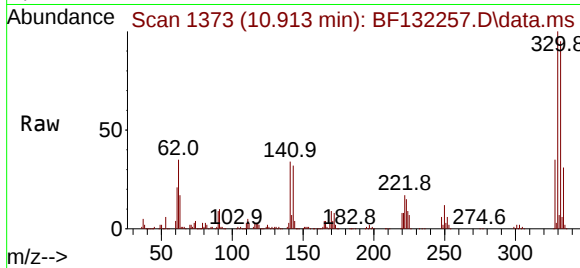




#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

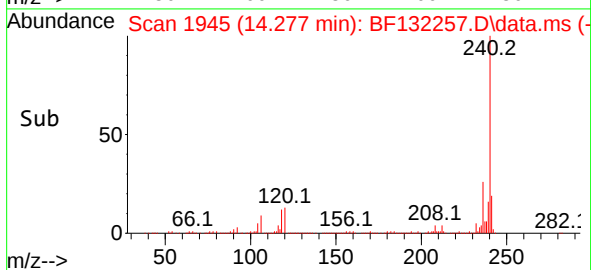
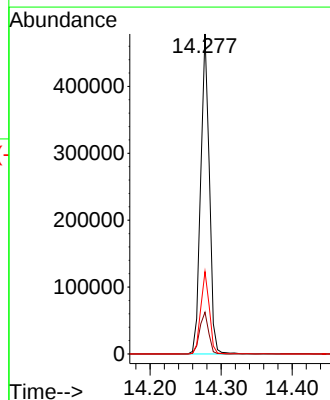
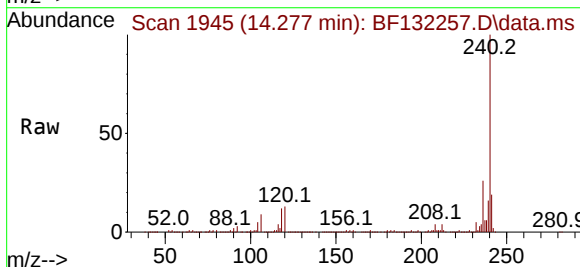
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

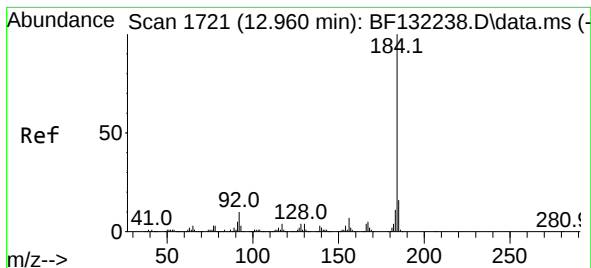
Tgt Ion:248 Resp: 25132
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 583.7 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Tgt Ion:240 Resp: 406540
Ion Ratio Lower Upper
240 100
120 13.0 8.8 13.2
236 25.8 21.0 31.6





#77

Benzidine

Concen: 2.138 ng

RT: 13.213 min Scan# 1764

Delta R.T. 0.253 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

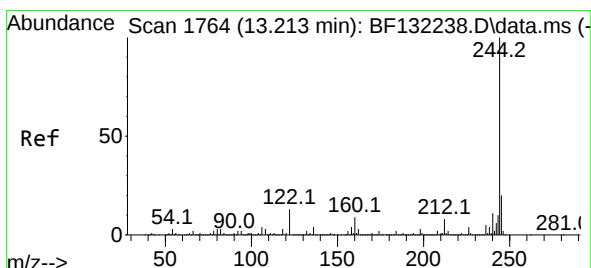
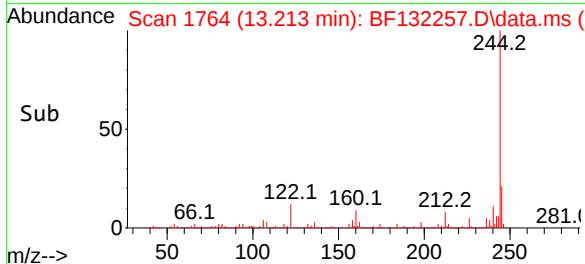
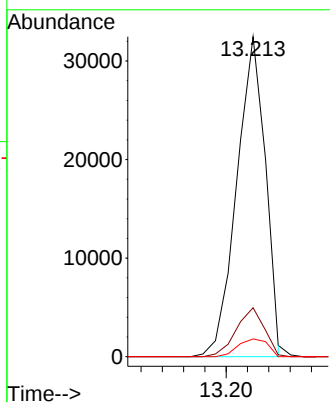
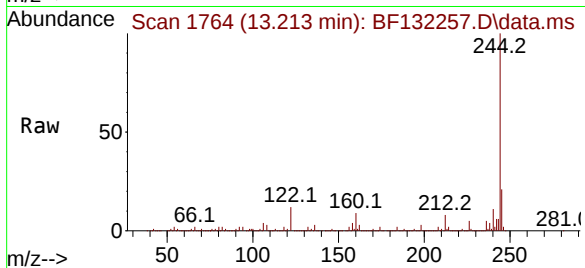
Tgt Ion:184 Resp: 30382

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 5.6 8.9 13.3#



#79

Terphenyl-d14

Concen: 91.360 ng

RT: 13.213 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF132257.D

Acq: 01 Feb 2023 13:27

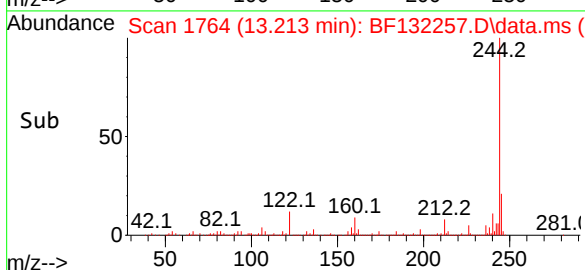
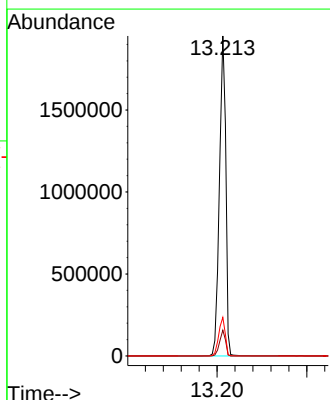
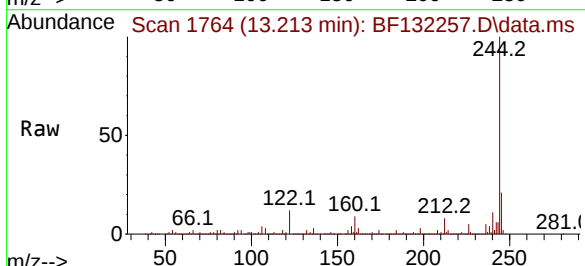
Tgt Ion:244 Resp: 1920038

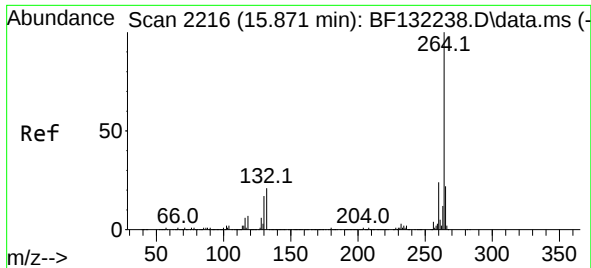
Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 12.0 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.865 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132257.D
Acq: 01 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:264 Resp: 346363

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.7	17.4	26.2

