

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118971.D
 Acq On : 20 Feb 2020 21:12
 Operator : CG/JU
 Sample : L1546-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(10)

Quant Time: Feb 21 02:49:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

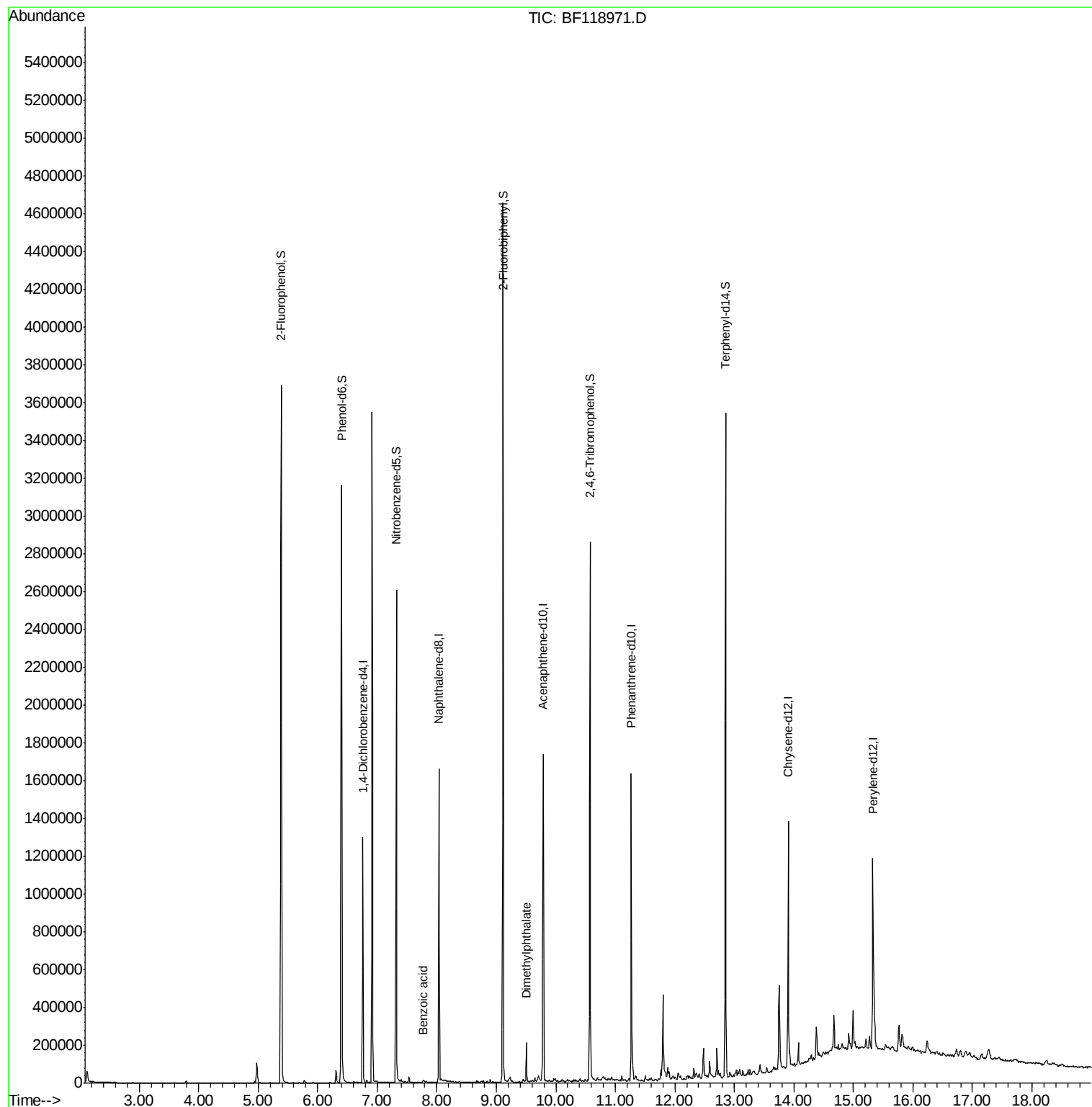
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	198740	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	729551	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	372914	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	597490	20.00	ng	0.00
76) Chrysene-d12	13.90	240	434254	20.00	ng	0.00
87) Perylene-d12	15.33	264	485996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1095010	92.08	ng	0.00
7) Phenol-d6	6.40	99	1352927	93.54	ng	0.00
23) Nitrobenzene-d5	7.32	82	894260	64.72	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	379589	77.81	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1436646	56.75	ng	0.00
79) Terphenyl-d14	12.85	244	1164558	46.17	ng	0.00
Target Compounds						
32) Benzoic acid	7.77	122	5304	7.317	ng	86
50) Dimethylphthalate	9.50	163	81993	2.875	ng	100

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

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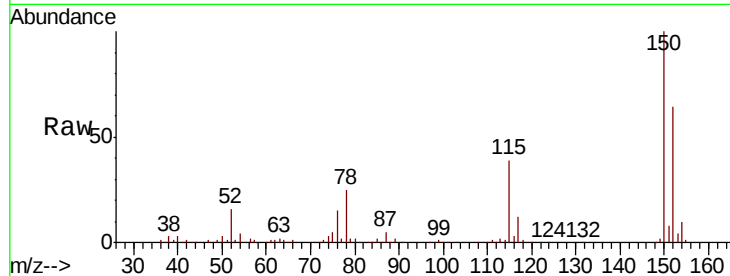


#1

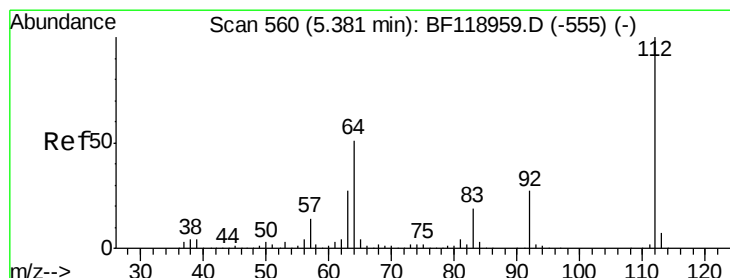
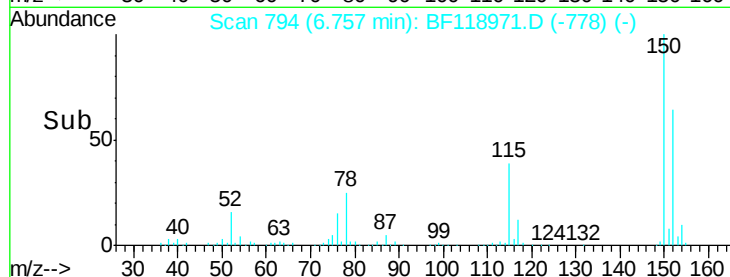
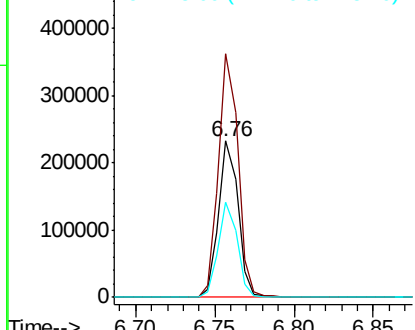
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118971.D
Acq: 20 Feb 2020 21:12

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(10)

Tot Ion:152 Resp: 198740
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 60.5 44.6 67.0



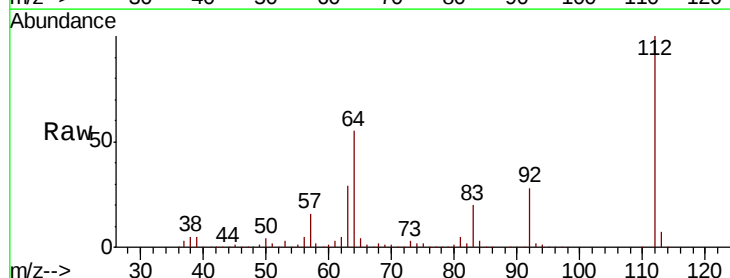
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



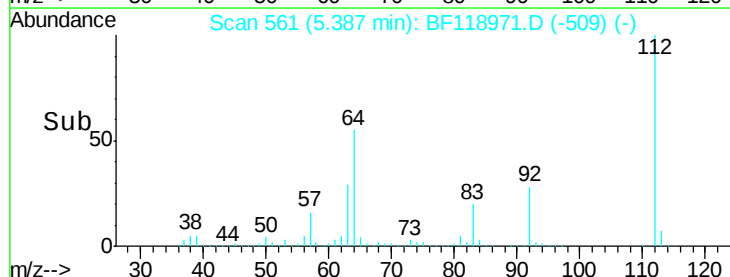
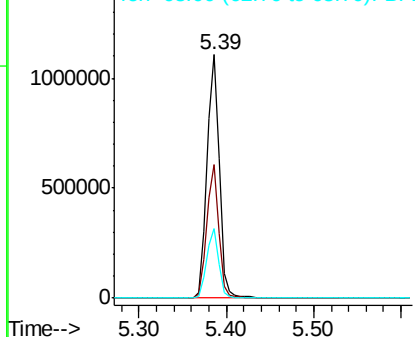
#5

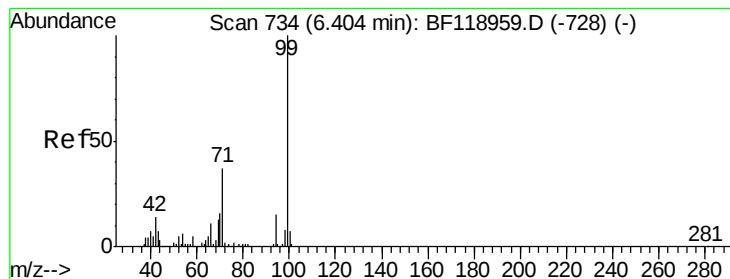
2-Fluorophenol
Concen: 92.078 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118971.D
Acq: 20 Feb 2020 21:12

Tgt Ion:112 Resp: 1095010
Ion Ratio Lower Upper
112 100
64 54.7 40.4 60.6
63 28.8 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.543 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

Instrument :

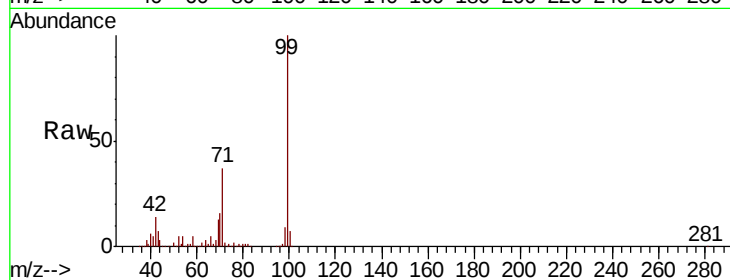
BNA_F

ClientSampleId :

INDIAN-ISLAND-(10)

Tot Ion: 99 Resp: 1352927

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.0
71	36.9	29.8	44.6

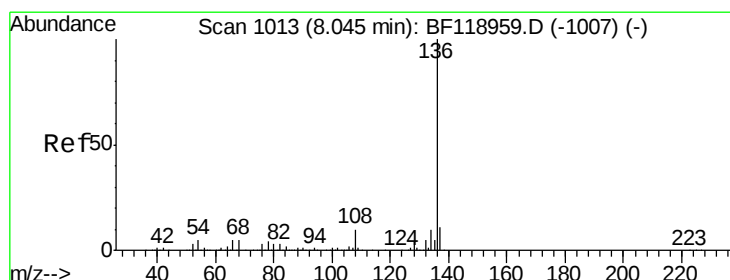
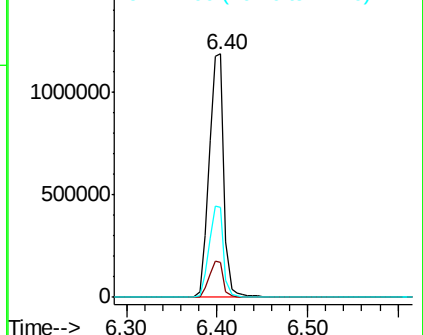
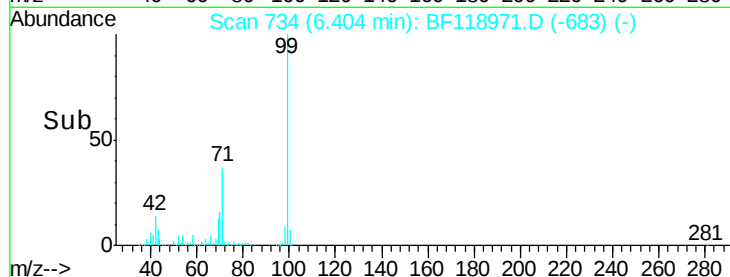


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

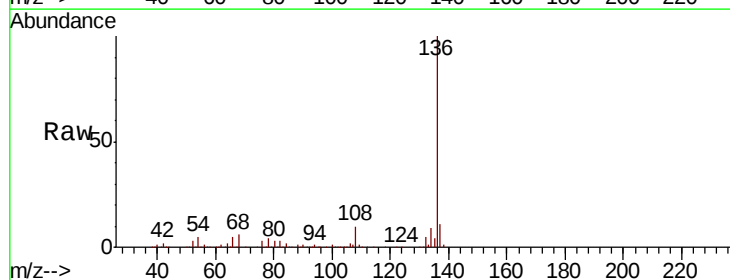
Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

Tgt Ion: 136 Resp: 729551

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	4.9	3.8	5.6
68	5.6	4.2	6.2



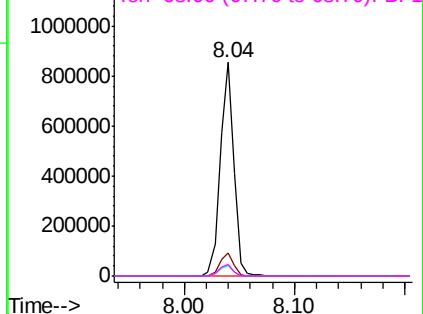
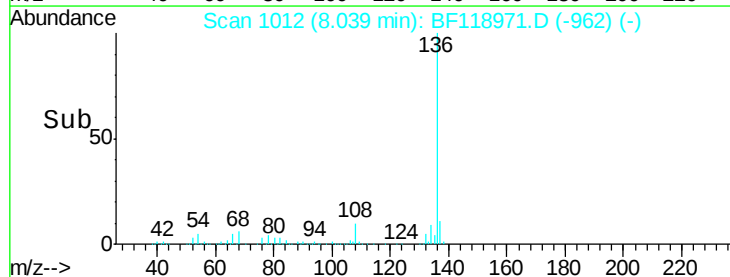
Abundance

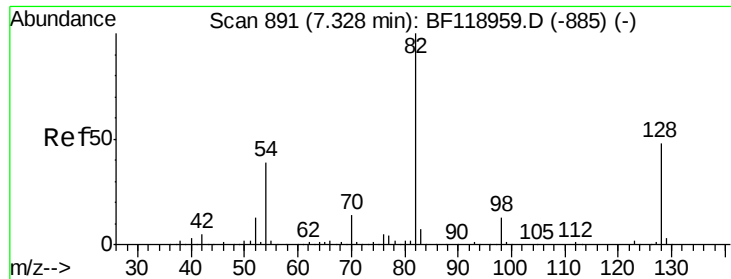
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

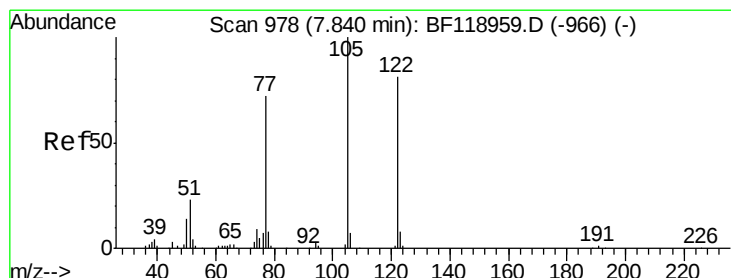
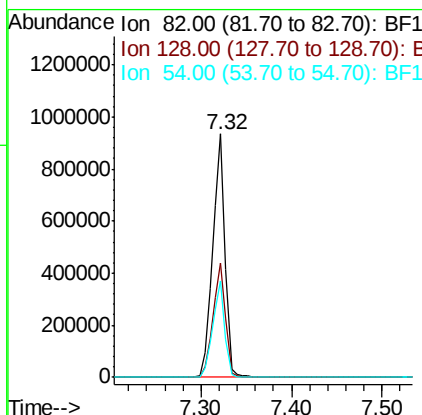
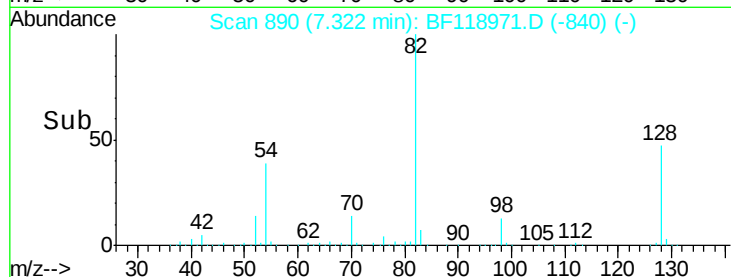
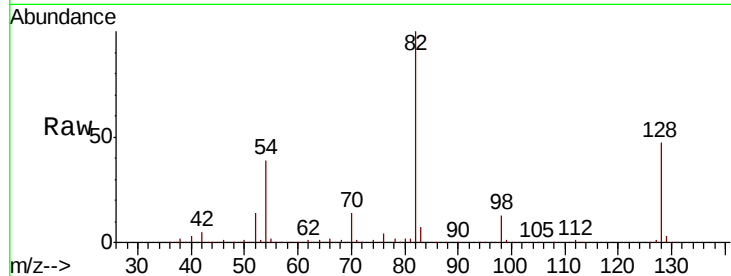




#23
 Nitrobenzene-d5
 Concen: 64.721 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118971.D
 Acq: 20 Feb 2020 21:12

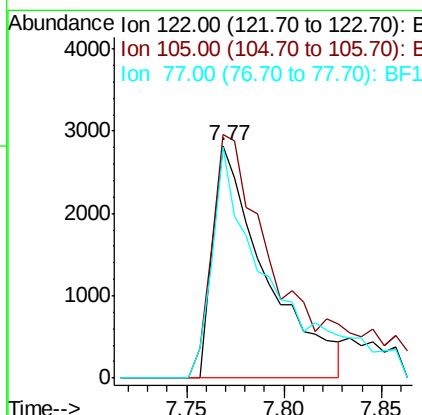
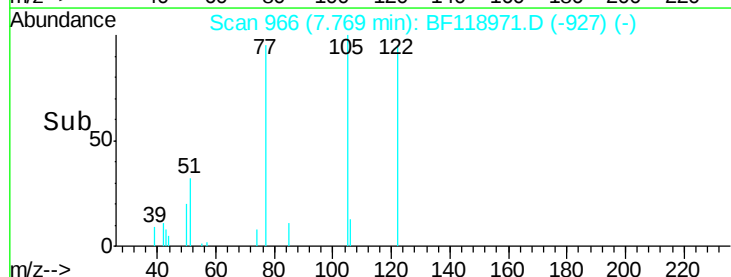
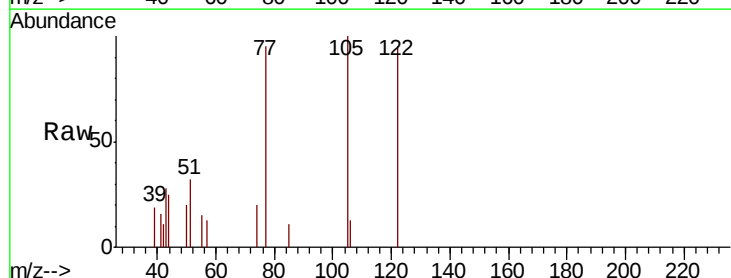
Instrument :
 BNA_F
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 INDIAN-ISLAND-(10)

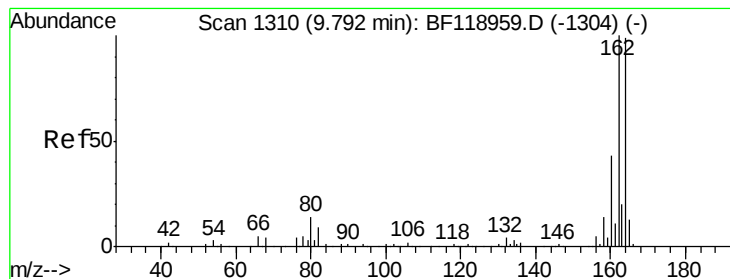
Tot Ion	82	Resp	894260
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.2	57.2
54	39.4	31.3	46.9



#32
 Benzoic acid
 Concen: 7.317 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BF118971.D
 Acq: 20 Feb 2020 21:12

Tgt Ion	122	Resp	5304
Ion Ratio	Lower	Upper	
122	100		
105	104.8	102.2	142.2
77	99.5	68.6	108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(10)

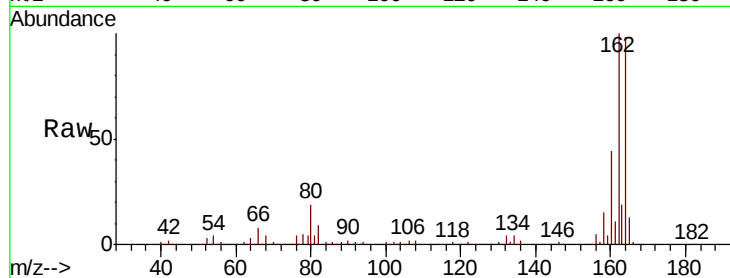
Tot Ion:164 Resp: 372914

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

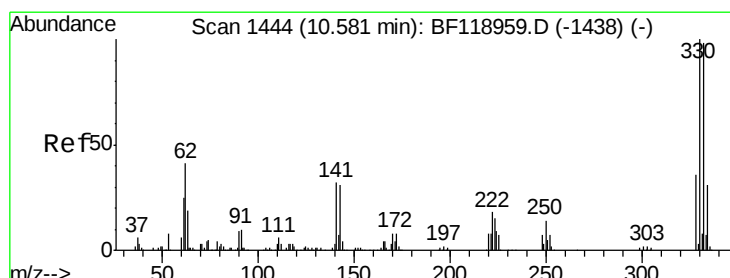
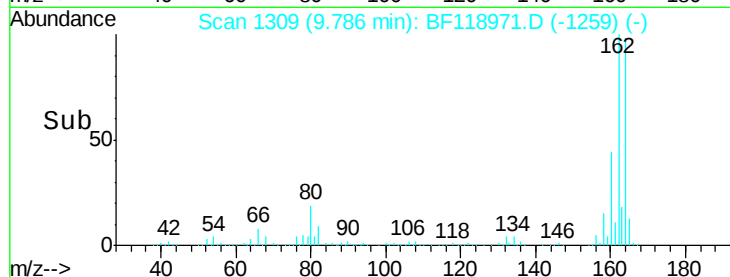
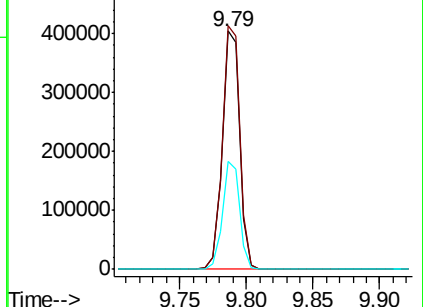
160 45.4 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 77.811 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

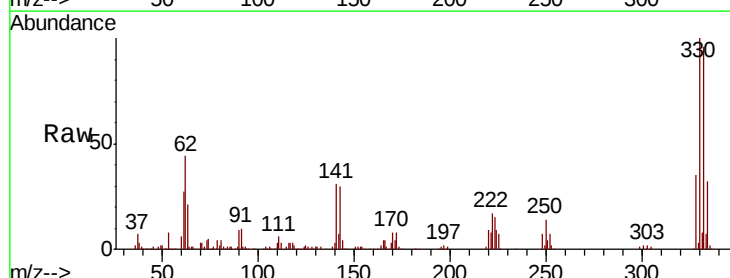
Tgt Ion:330 Resp: 379589

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

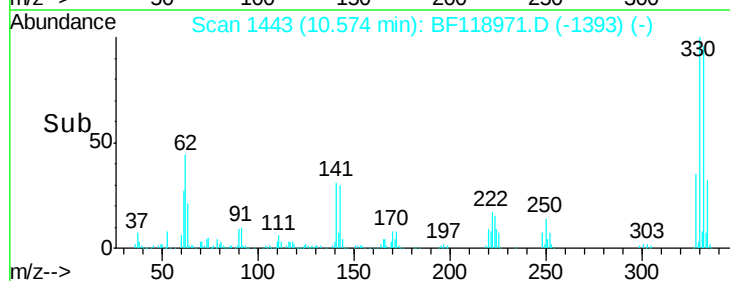
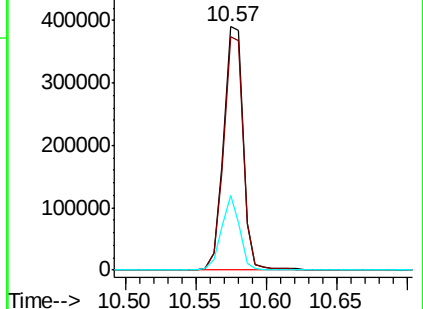
141 28.2 23.0 34.6

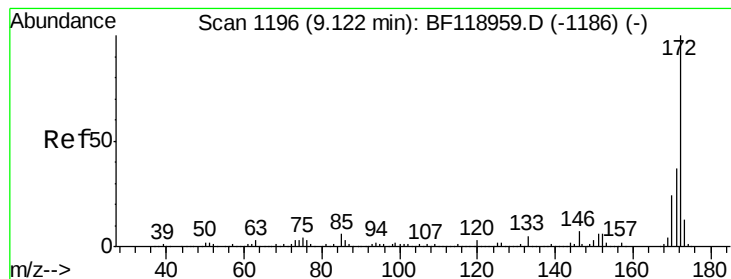


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 56.754 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(10)

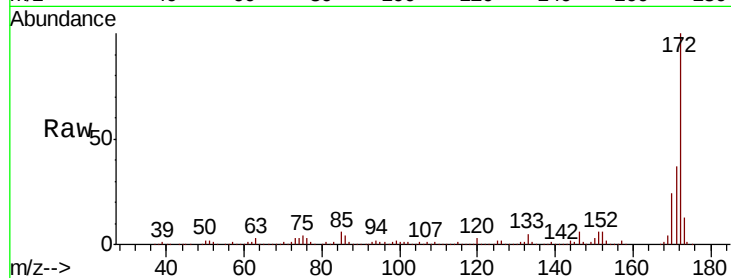
Tot Ion:172 Resp: 1436646

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

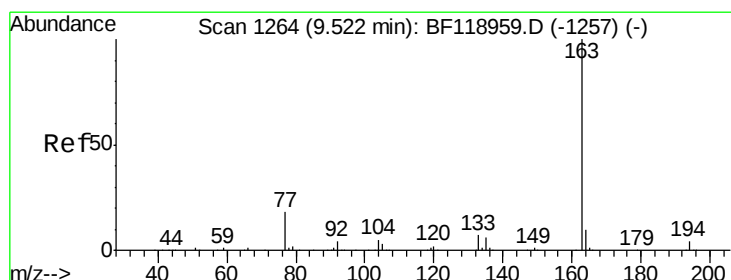
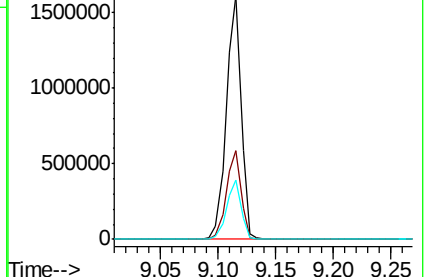
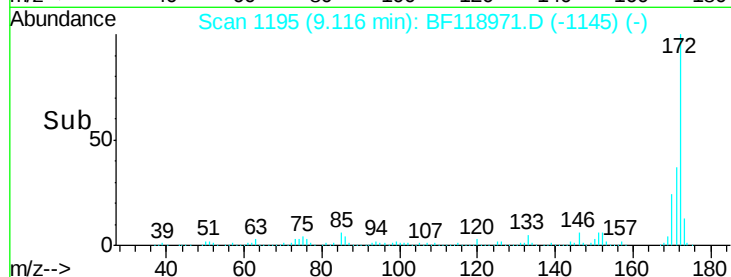
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 2.875 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

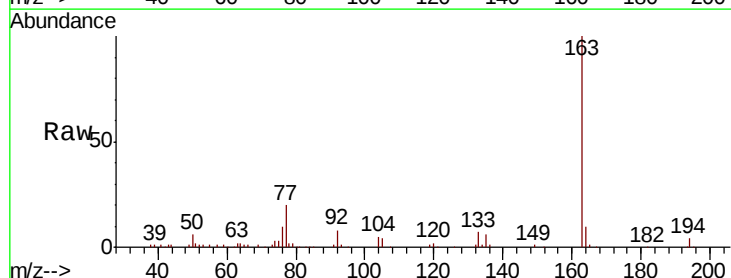
Tgt Ion:163 Resp: 81993

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

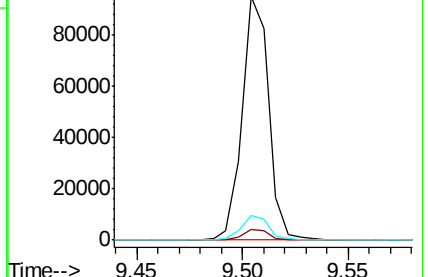
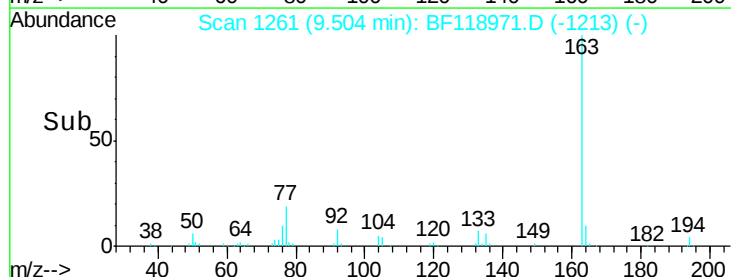
164 10.3 8.2 12.2

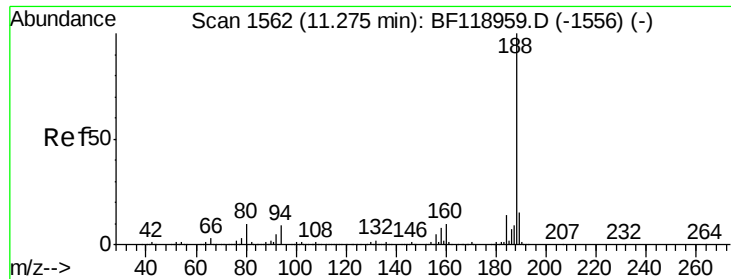


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

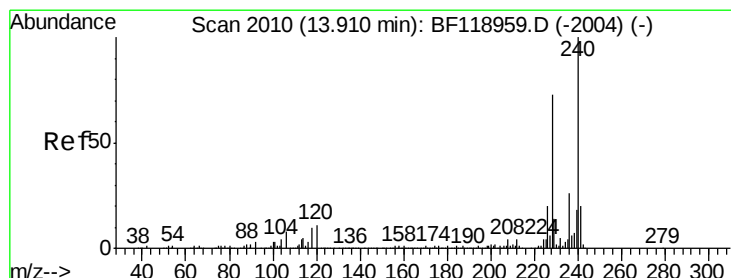
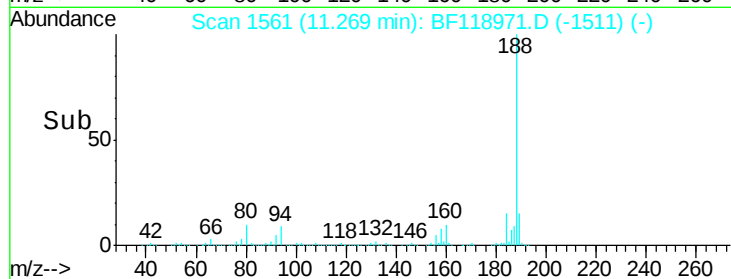
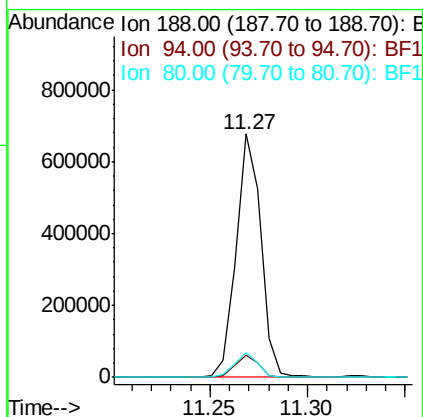
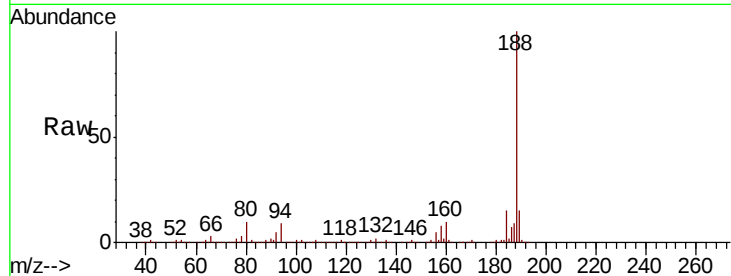




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118971.D
Acq: 20 Feb 2020 21:12

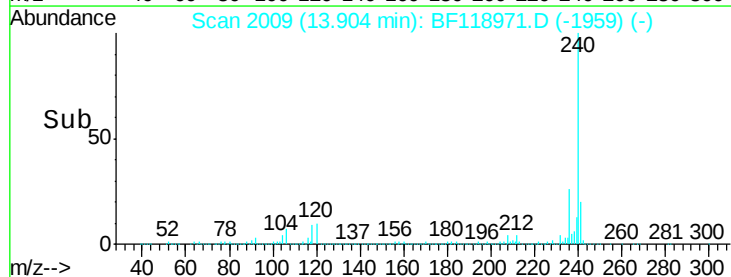
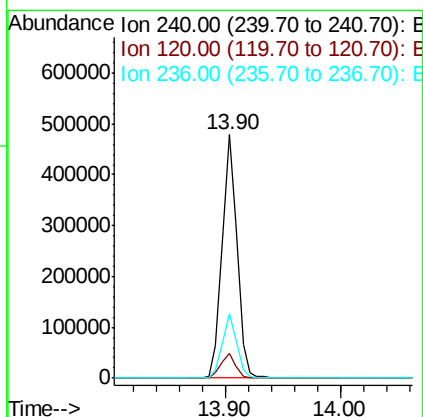
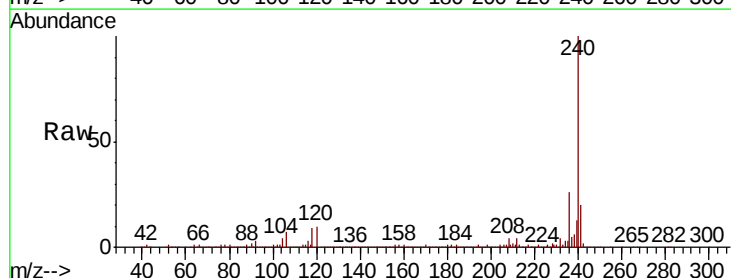
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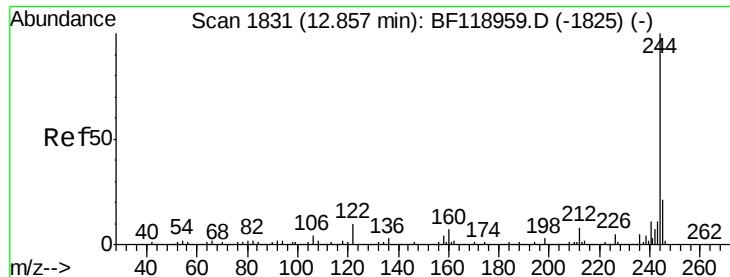
Tot Ion:188 Resp: 597490
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118971.D
Acq: 20 Feb 2020 21:12

Tgt Ion:240 Resp: 434254
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 46.171 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(10)

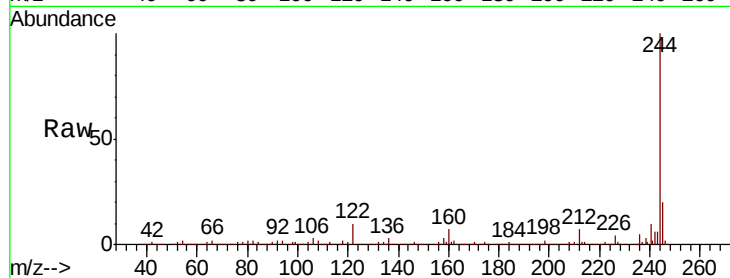
Tot Ion:244 Resp: 1164558

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

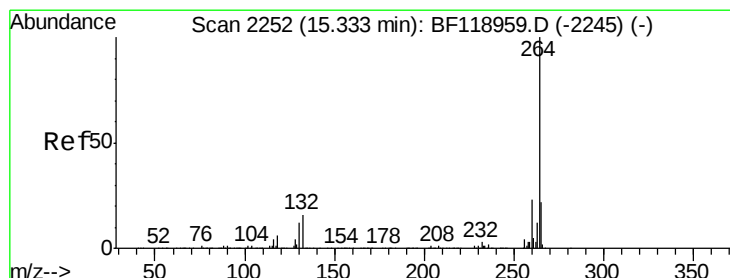
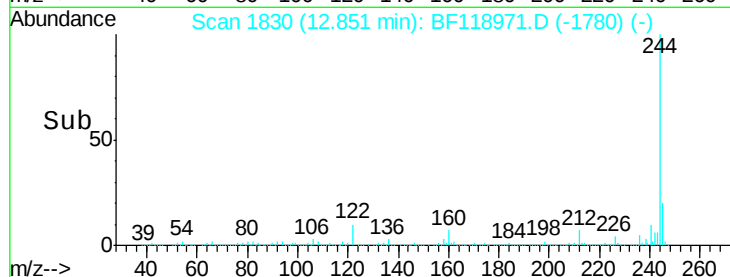
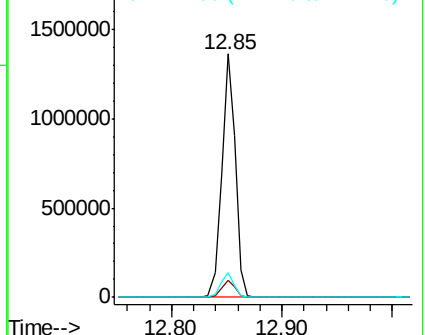
122 10.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF118971.D

Acq: 20 Feb 2020 21:12

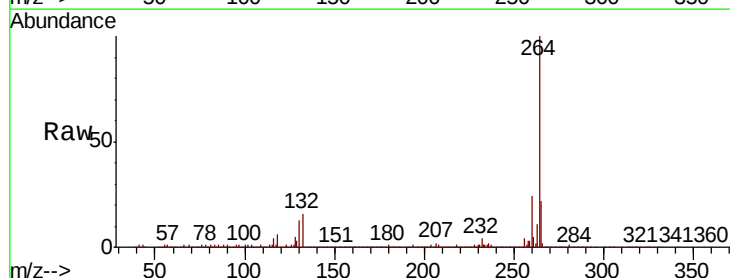
Tgt Ion:264 Resp: 485996

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

