

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097921.D
 Acq On : 21 Aug 2017 22:38
 Operator : SJ/JU
 Sample : I4890-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-6

Quant Time: Aug 22 05:54:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

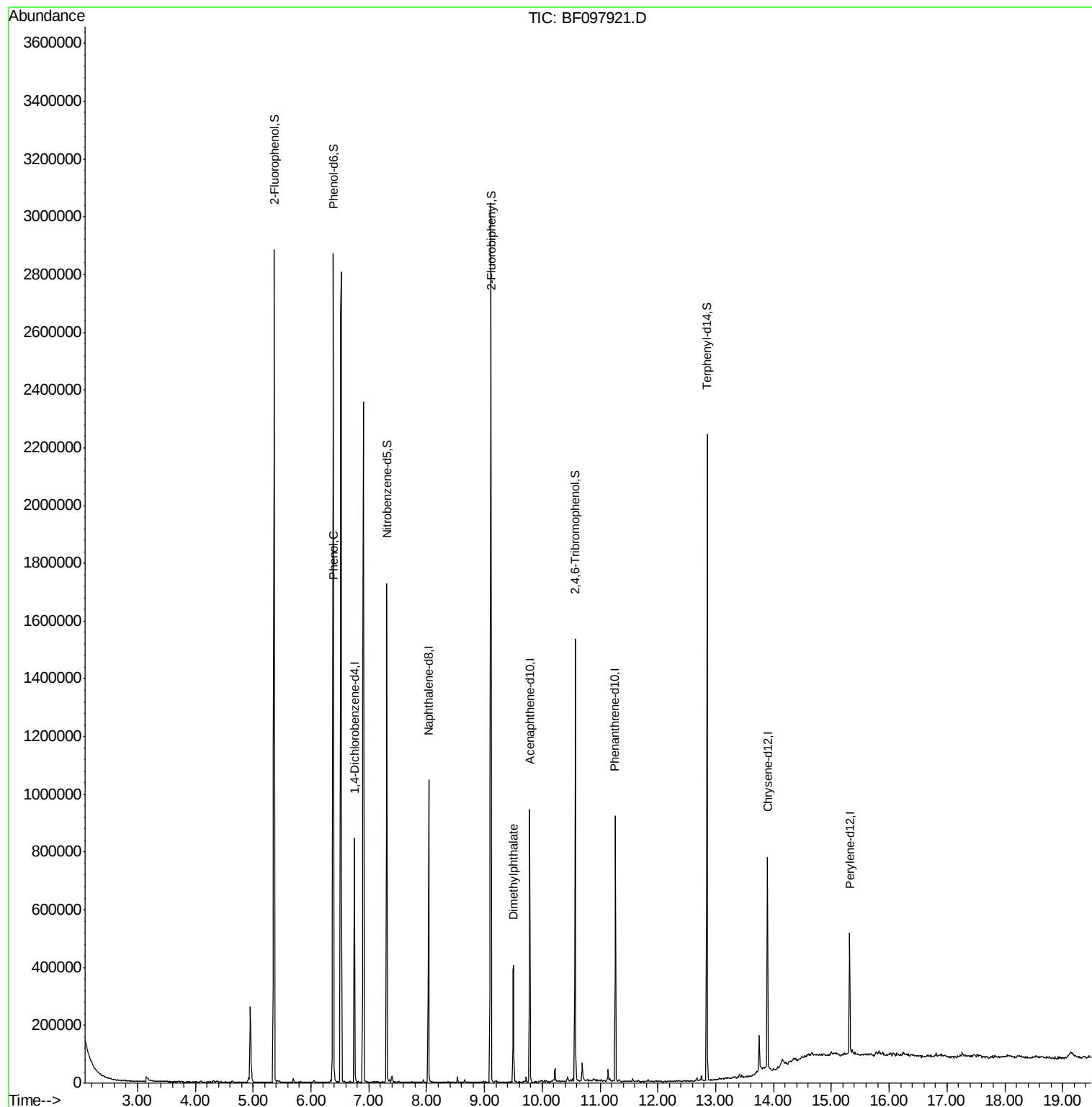
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	115598	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	445144	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	171678	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	288392	20.00	ng	0.00
75) Chrysene-d12	13.90	240	247842	20.00	ng	0.00
86) Perylene-d12	15.32	264	178299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	840685	110.62	ng	0.01
7) Phenol-d6	6.39	99	1121088	108.57	ng	0.00
23) Nitrobenzene-d5	7.31	82	677272	82.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	158645	106.50	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	920755	78.80	ng	0.00
78) Terphenyl-d14	12.85	244	652568	54.91	ng	0.00
Target Compounds						
10) Phenol	6.40	94	44839	3.713	ng	89
49) Dimethylphthalate	9.50	163	153660	12.245	ng	98

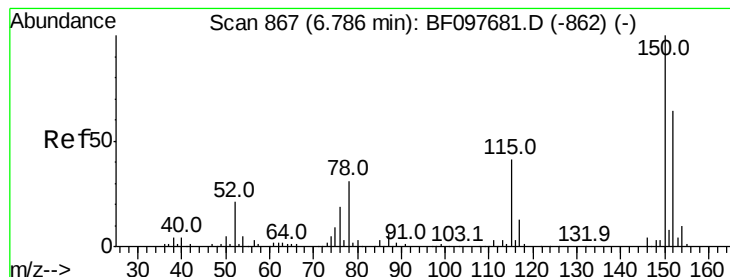
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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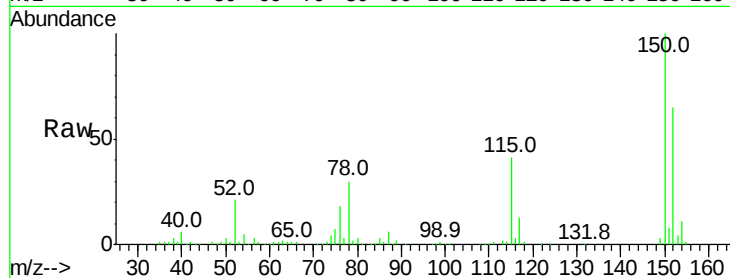


#1

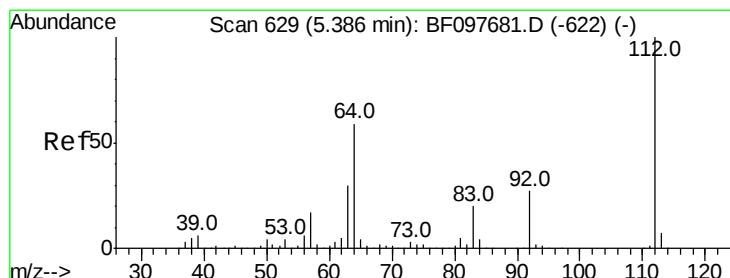
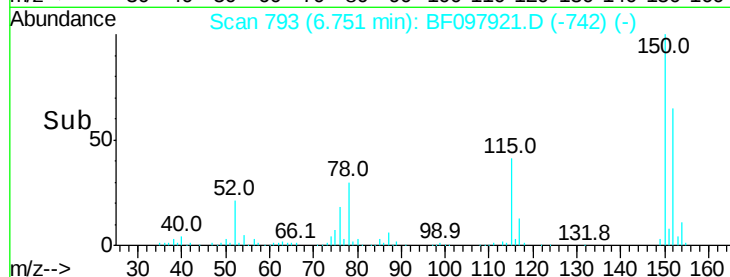
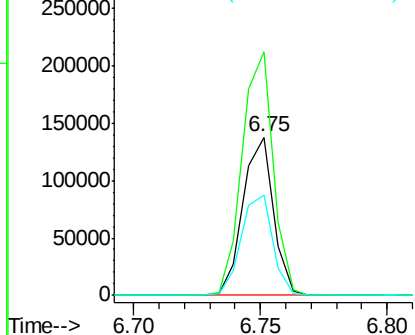
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF097921.D
 Acq: 21 Aug 2017 22:38

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-6

Tot Ion:152 Resp: 115598
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 63.5 52.2 78.2



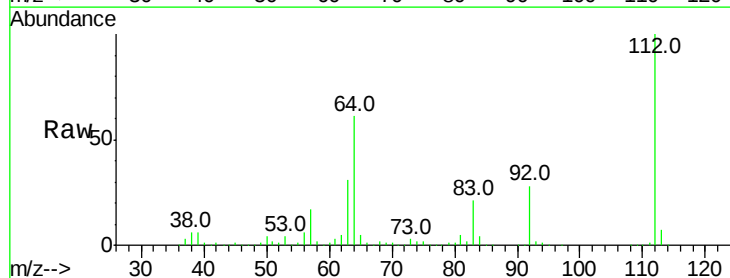
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



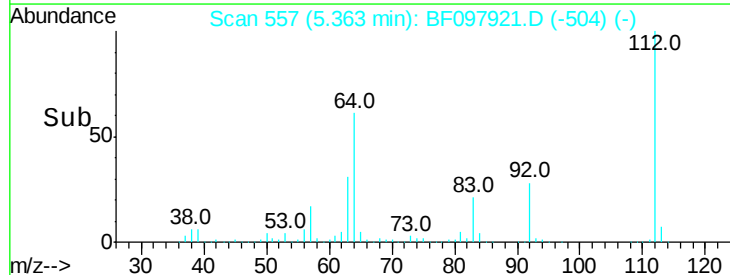
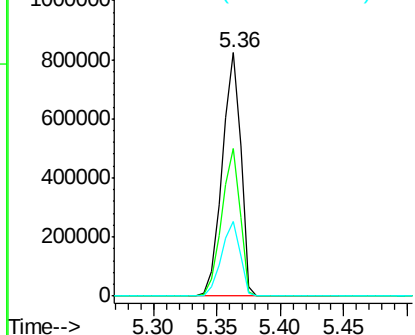
#5

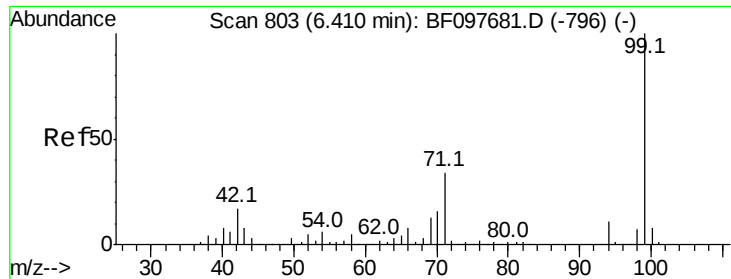
2-Fluorophenol
 Concen: 110.620 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097921.D
 Acq: 21 Aug 2017 22:38

Tgt Ion:112 Resp: 840685
 Ion Ratio Lower Upper
 112 100
 64 60.6 46.0 69.0
 63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.571 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

Instrument :

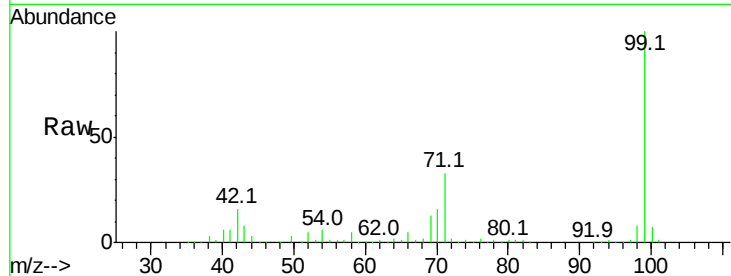
BNA_F

ClientSampleId :

CLEAN-SAND-6

Tot Ion: 99 Resp: 1121088

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.3	24.5	36.7

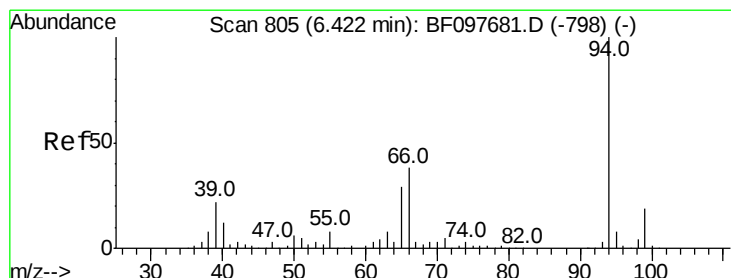
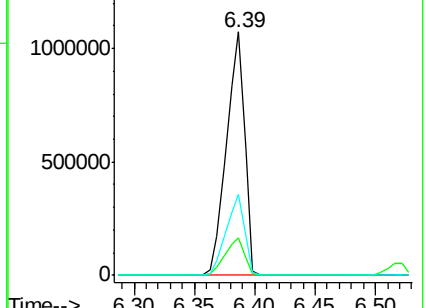
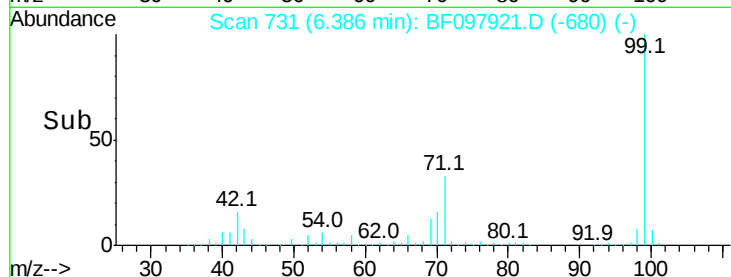


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.713 ng

RT: 6.40 min Scan# 733

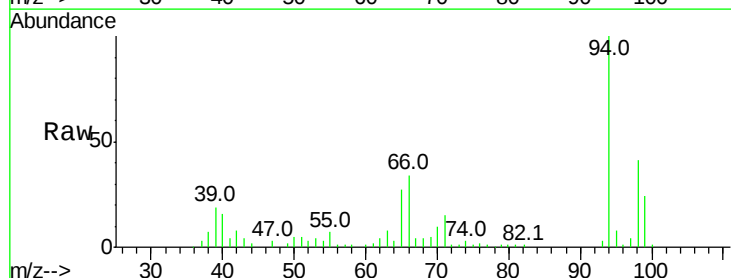
Delta R.T. -0.00 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

Tgt Ion: 94 Resp: 44839

Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.9	49.9
66	34.0	23.1	63.1

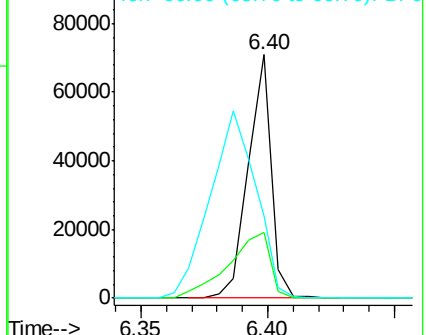
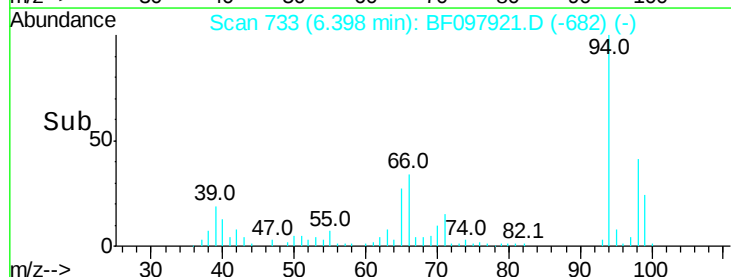


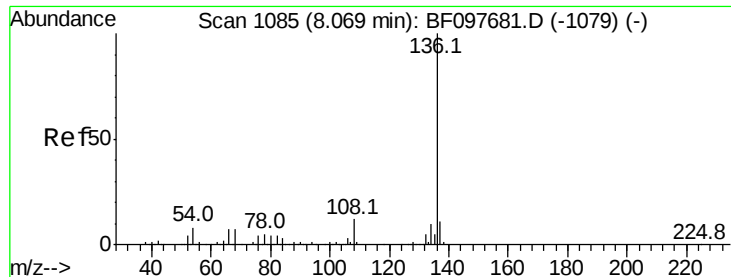
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-6

Tot Ion:136 Resp: 445144

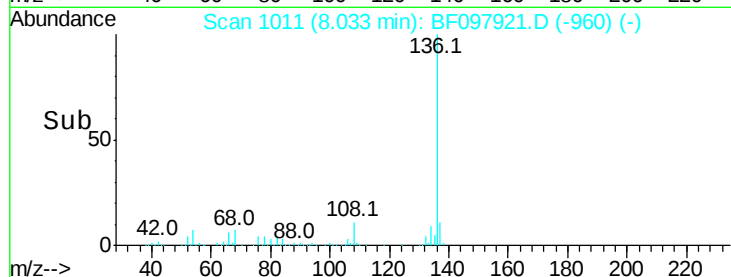
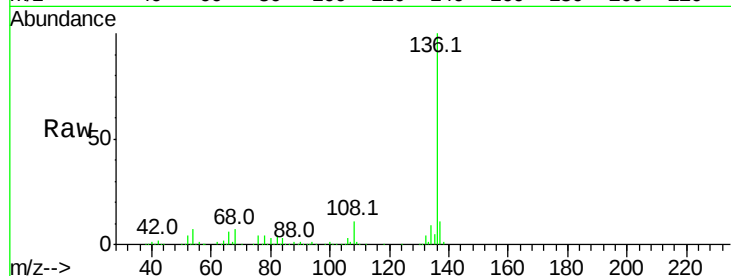
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 6.5 4.1 6.1#

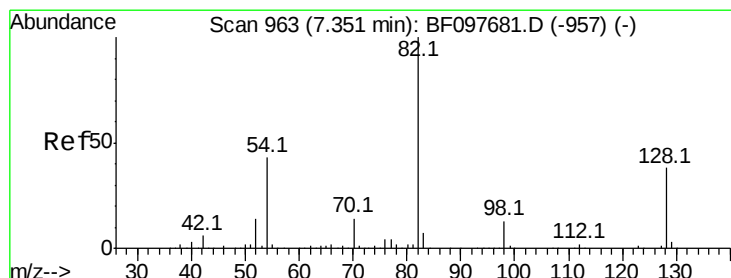
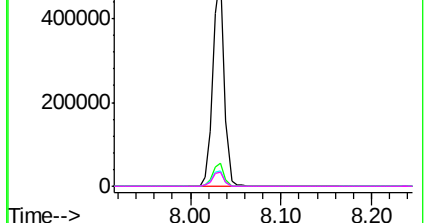


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 82.653 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

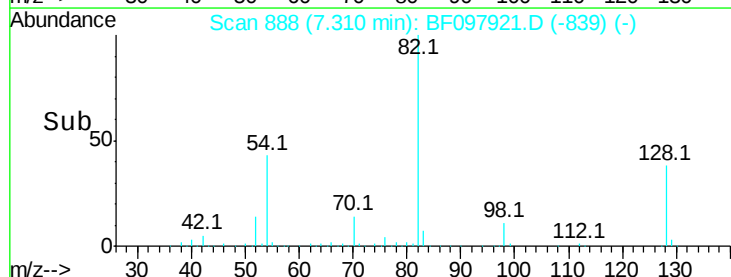
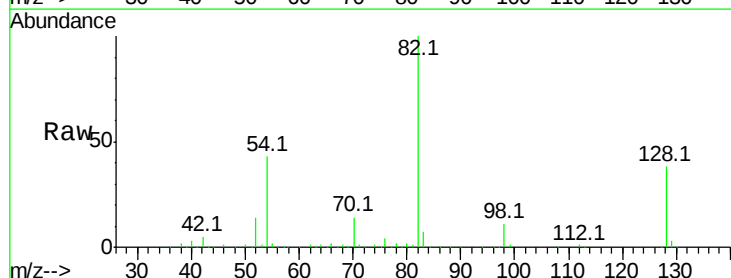
Tgt Ion: 82 Resp: 677272

Ion Ratio Lower Upper

82 100

128 37.6 34.0 51.0

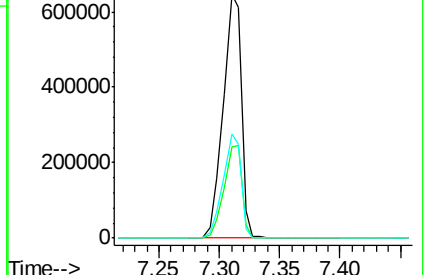
54 42.5 42.2 63.2

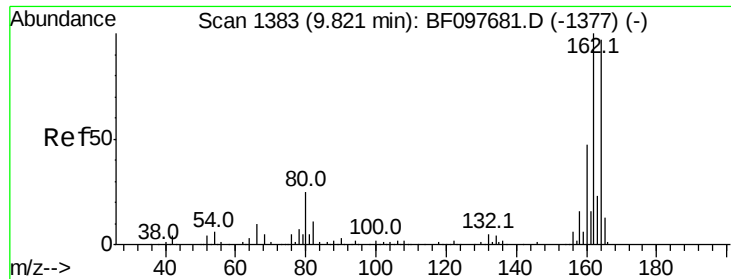


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

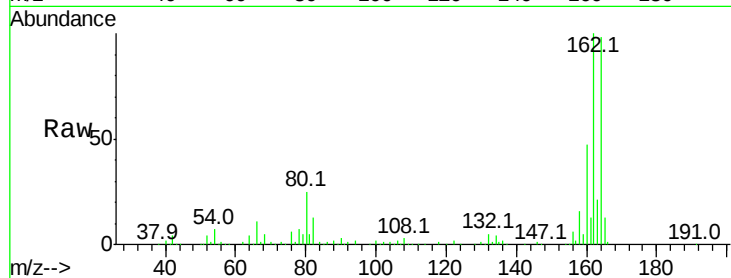




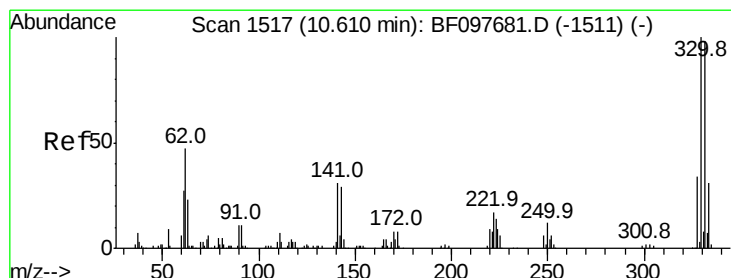
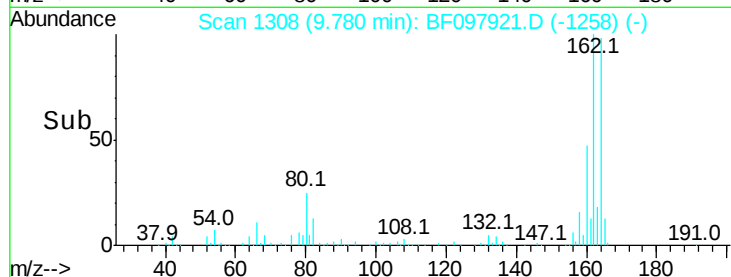
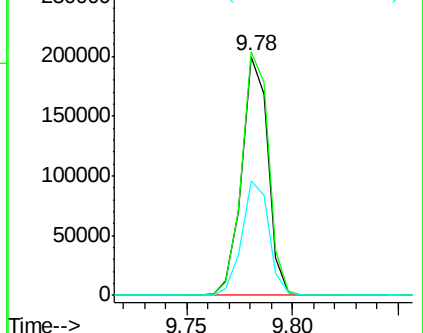
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097921.D
 Acq: 21 Aug 2017 22:38

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-6

Tot Ion:164 Resp: 171678
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 48.0 36.2 54.2

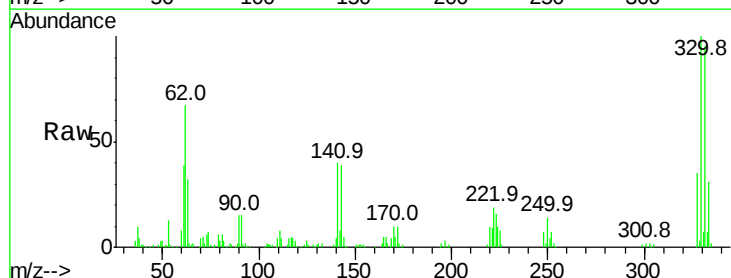


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

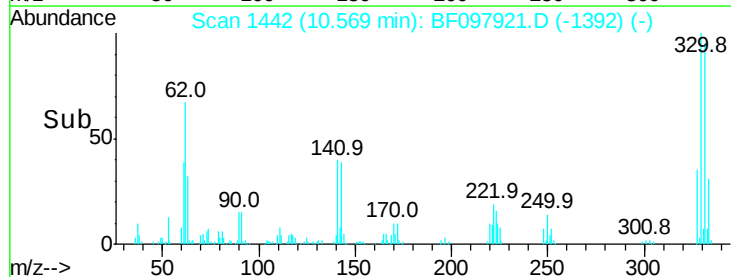
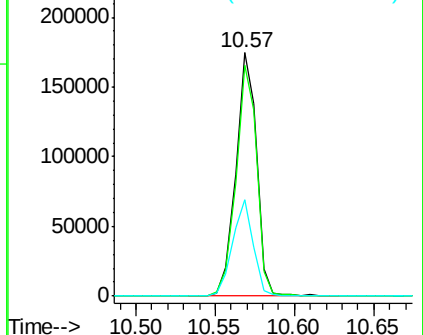


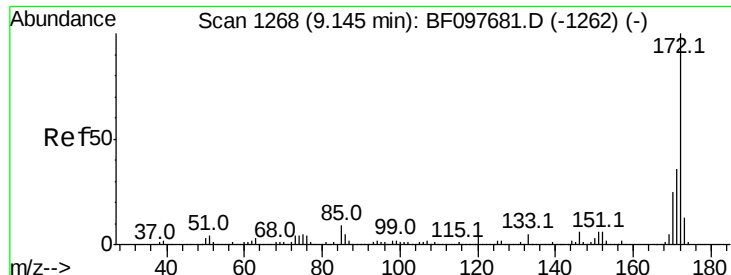
#41
 2,4,6-Tribromophenol
 Concen: 106.503 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097921.D
 Acq: 21 Aug 2017 22:38

Tgt Ion:330 Resp: 158645
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 39.9 31.4 47.2



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

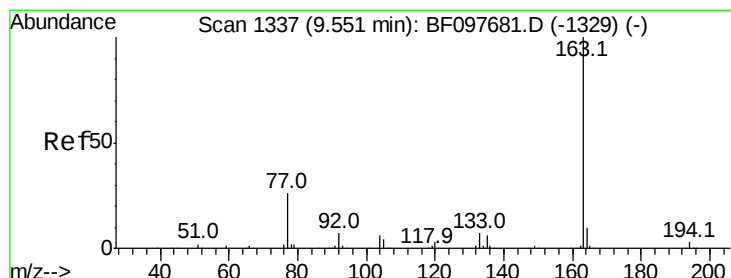
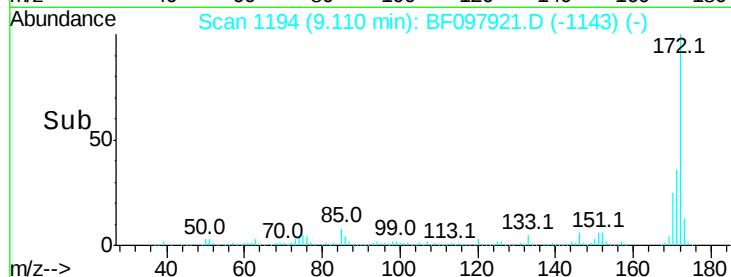
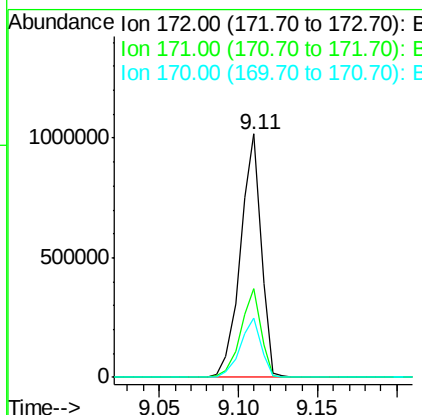
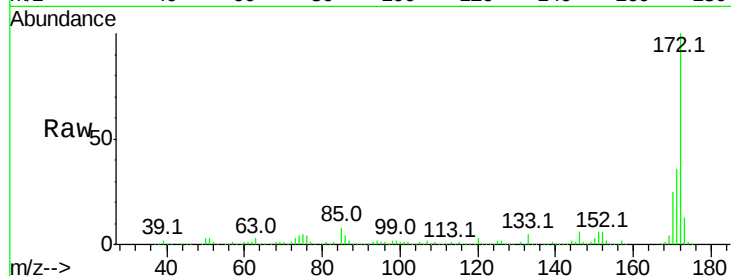




#44
2-Fluorobiphenyl
Concen: 78.797 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097921.D
Acq: 21 Aug 2017 22:38

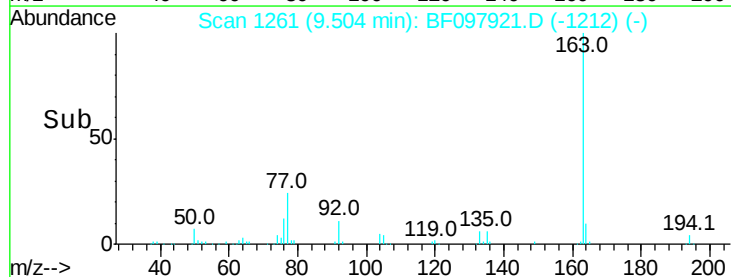
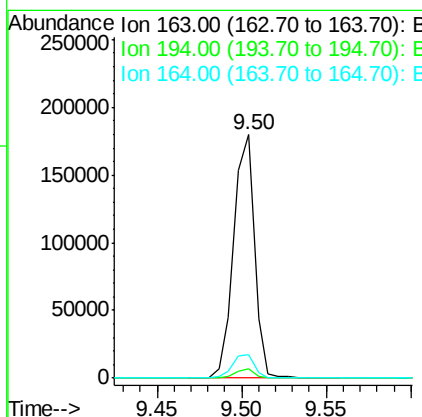
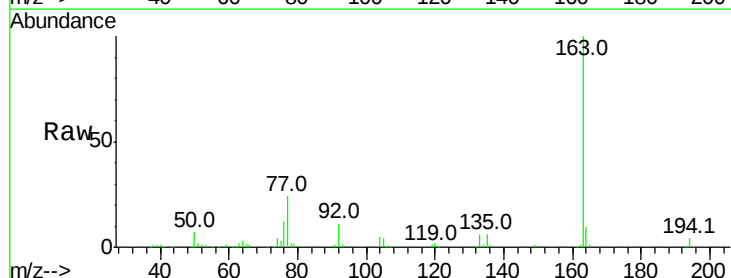
Instrument :
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CLEAN-SAND-6

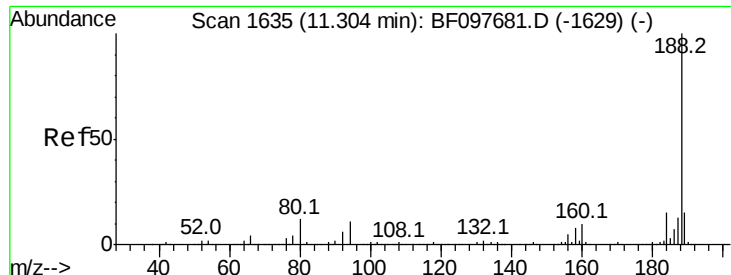
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8



#49
Dimethylphthalate
Concen: 12.245 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097921.D
Acq: 21 Aug 2017 22:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

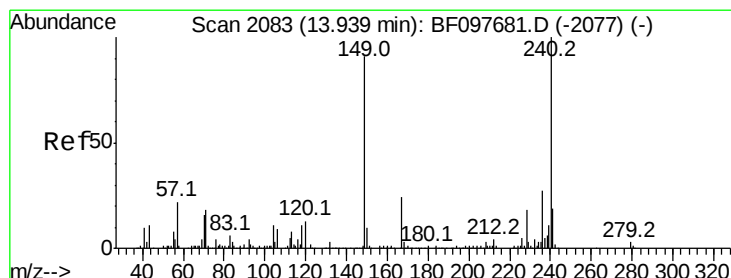
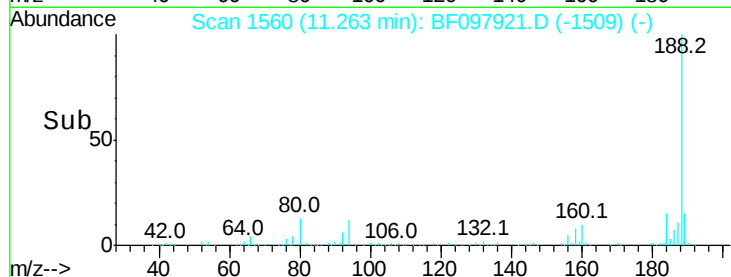
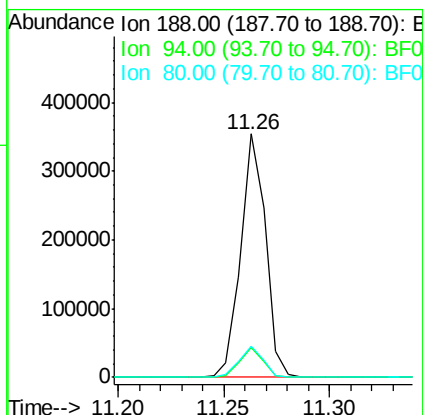
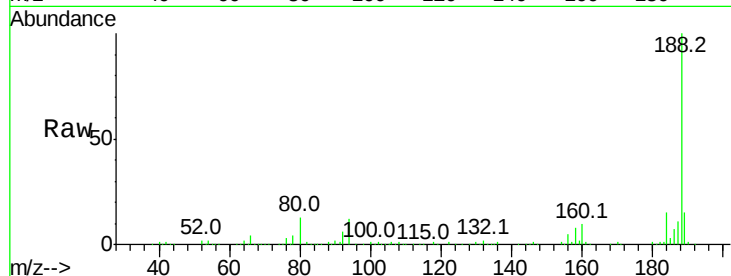




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097921.D
Acq: 21 Aug 2017 22:38

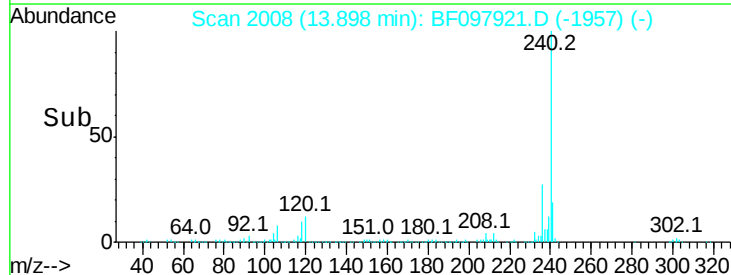
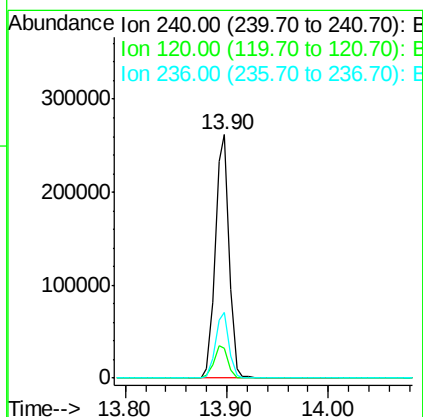
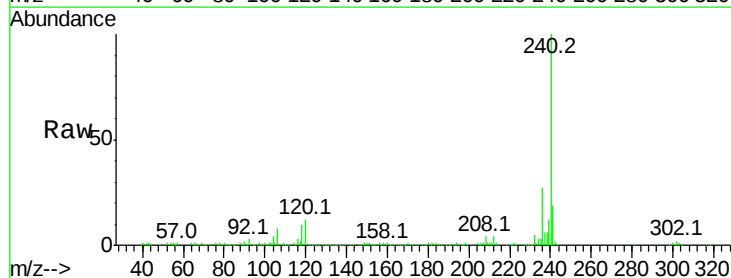
Instrument :
BNA_F
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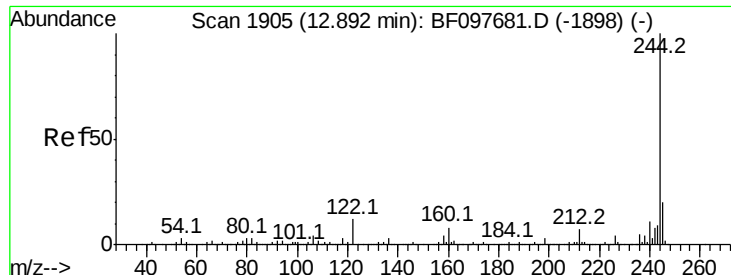
Tot Ion:188 Resp: 288392
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097921.D
Acq: 21 Aug 2017 22:38

Tgt Ion:240 Resp: 247842
Ion Ratio Lower Upper
240 100
120 12.4 5.8 8.8#
236 27.1 20.5 30.7





#78

Terphenyl-d14

Concen: 54.907 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-6

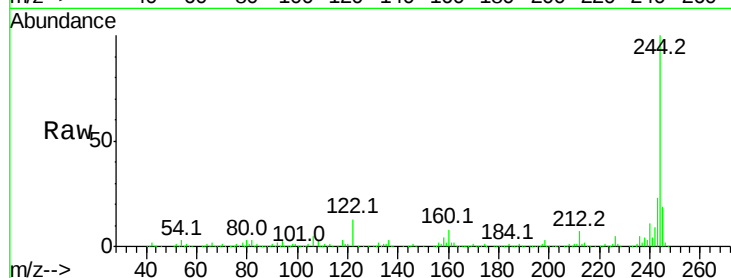
Tot Ion:244 Resp: 652568

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

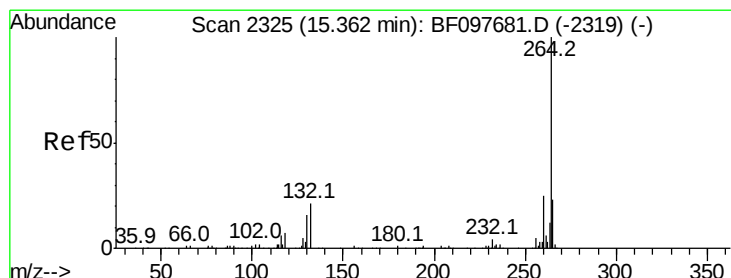
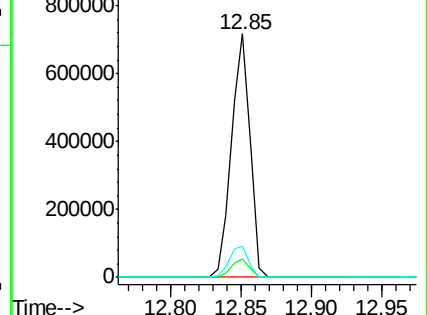
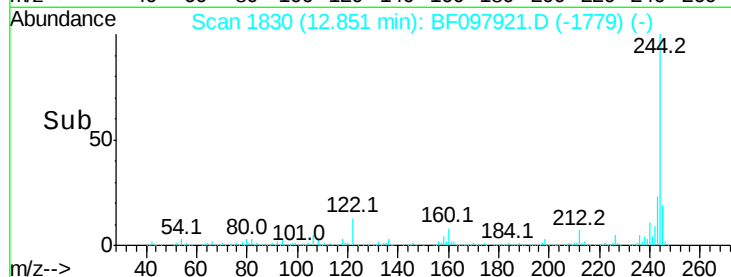
122 12.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097921.D

Acq: 21 Aug 2017 22:38

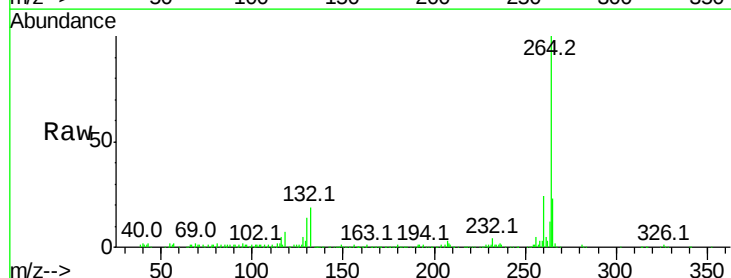
Tgt Ion:264 Resp: 178299

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.6 17.2 25.8



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

