

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096266.D
 Acq On : 28 Jun 2017 22:59
 Operator : SJ/MA
 Sample : I3898-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-72-12002-VNJ-201-COMP

Quant Time: Jun 29 05:28:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

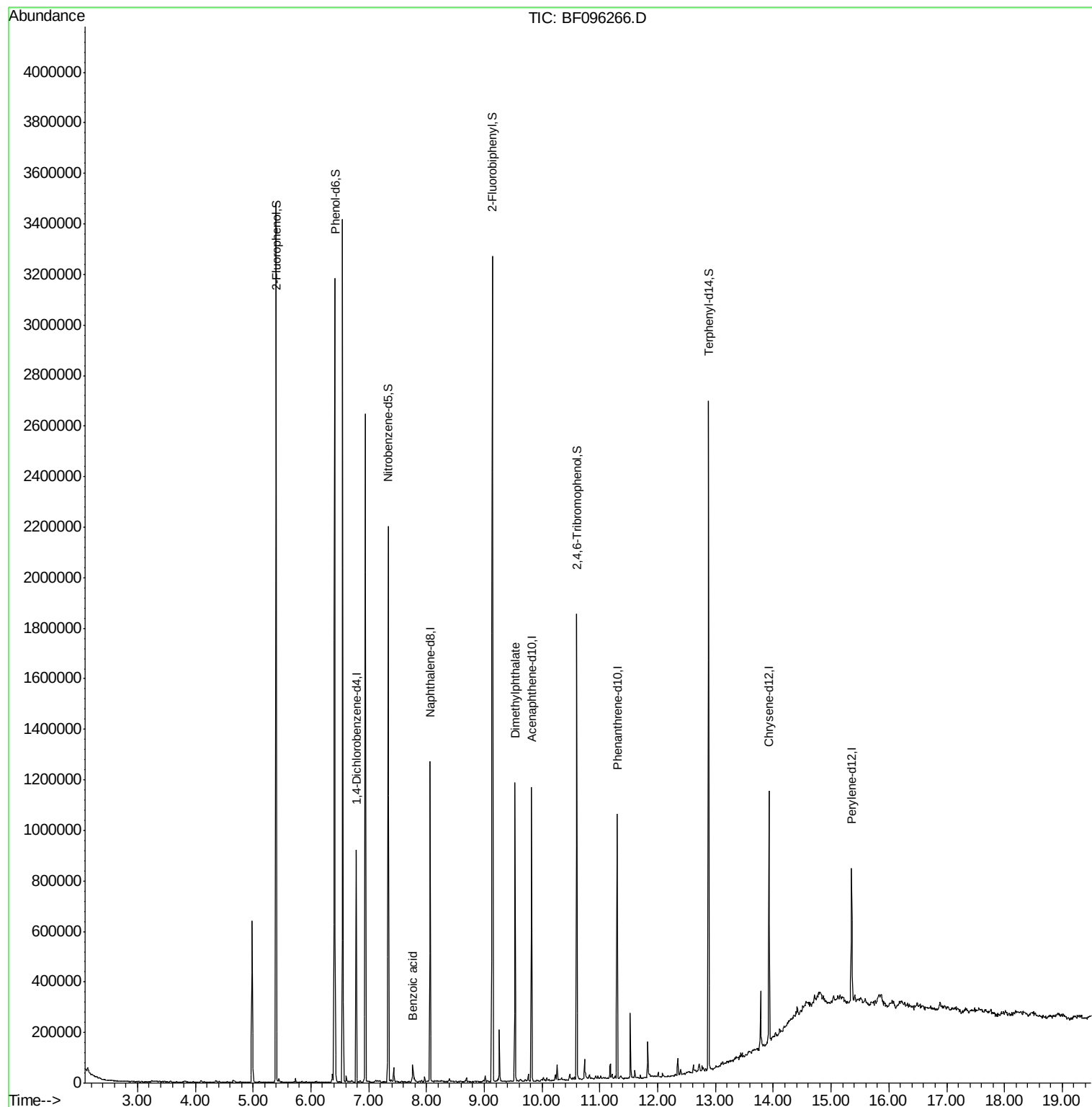
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130595	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	530598	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212509	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	351738	20.00	ng	0.01
75) Chrysene-d12	13.93	240	311627	20.00	ng	0.01
86) Perylene-d12	15.36	264	228915	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	936896	103.36	ng	0.02
7) Phenol-d6	6.42	99	1121880	102.21	ng	0.02
23) Nitrobenzene-d5	7.34	82	609486	79.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	217557	130.09	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	980748	84.52	ng	-0.01
78) Terphenyl-d14	12.88	244	817024	65.42	ng	0.01
Target Compounds						
32) Benzoic acid	7.76	122	15276	11.03	ng	96
49) Dimethylphthalate	9.53	163	441165	29.01	ng	99

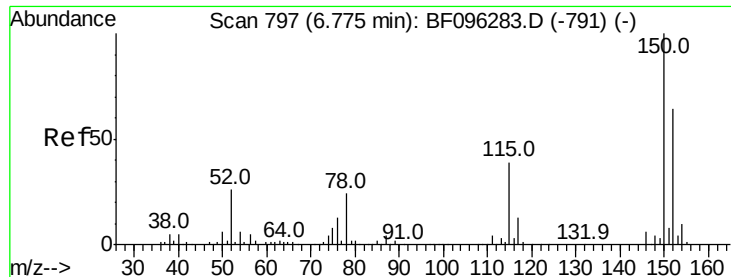
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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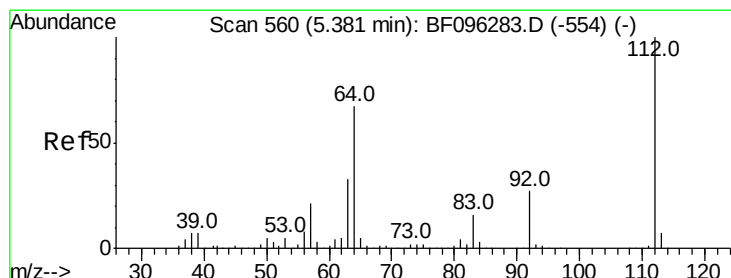
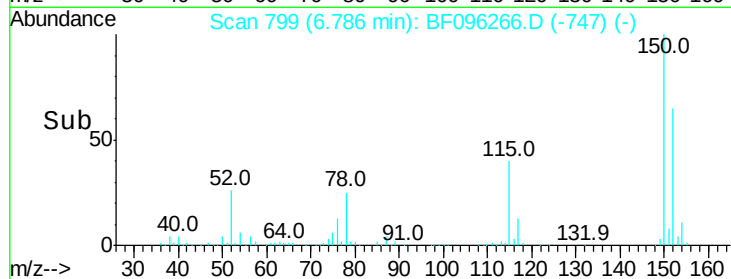
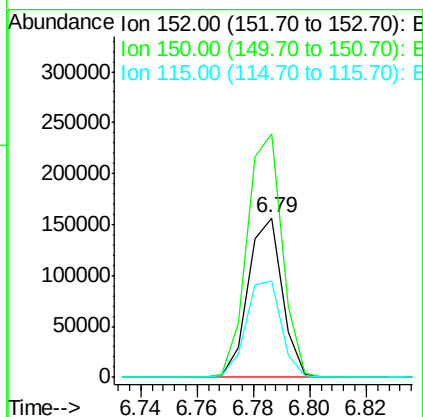
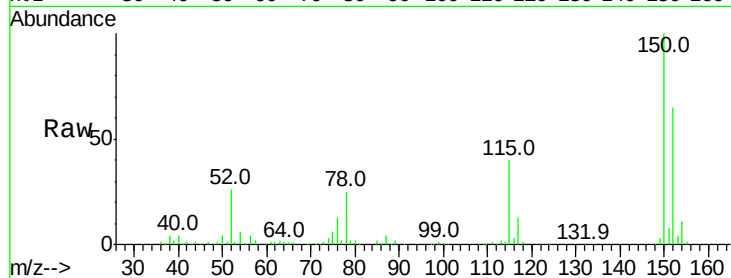


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

Instrument :
BNA_F
ClientSampleId :
VNJ-72-12002-VNJ-201-COMP

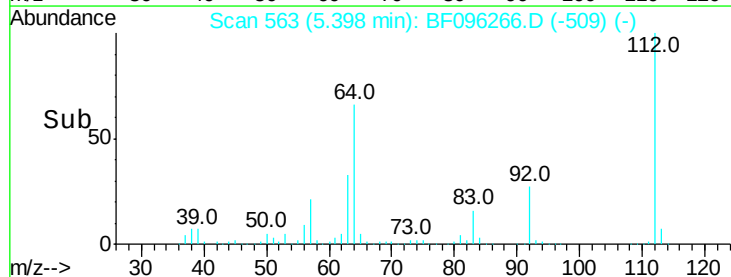
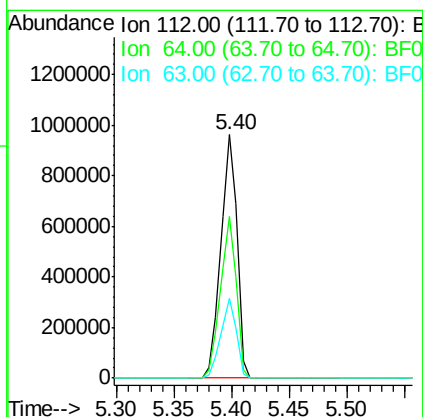
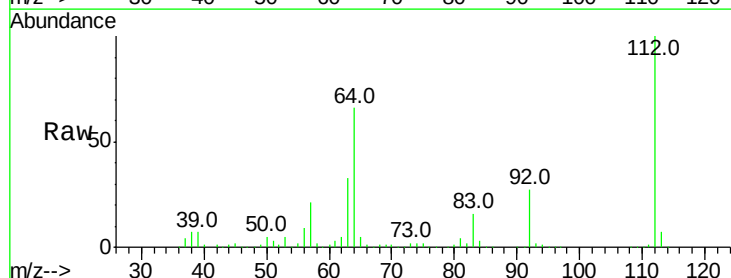
Tot Ion:152 Resp: 130595
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 60.7 52.2 78.2

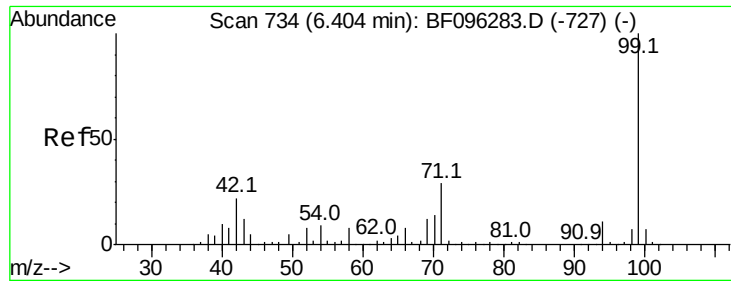


#5

2-Fluorophenol
Concen: 103.36 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

Tgt Ion:112 Resp: 936896
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 32.9 23.4 35.0





#7

Phenol-d6

Concen: 102.21 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096266.D

Acq: 28 Jun 2017 22:59

Instrument :

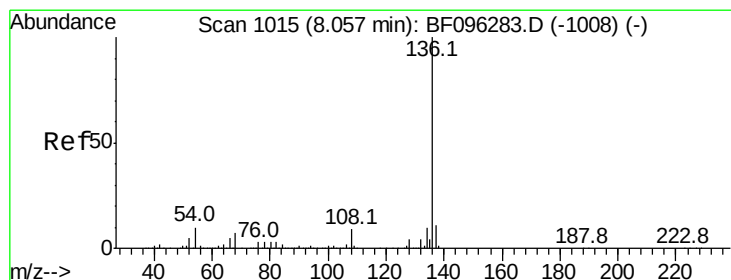
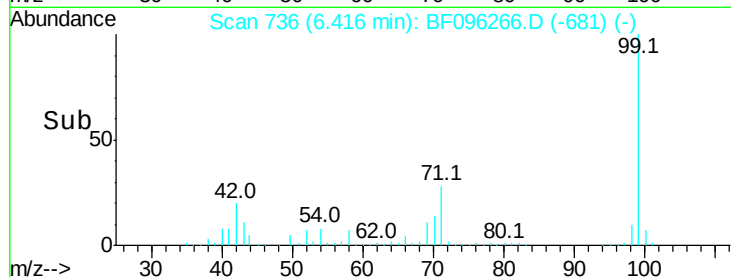
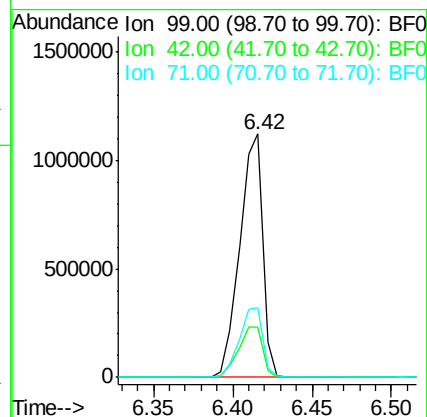
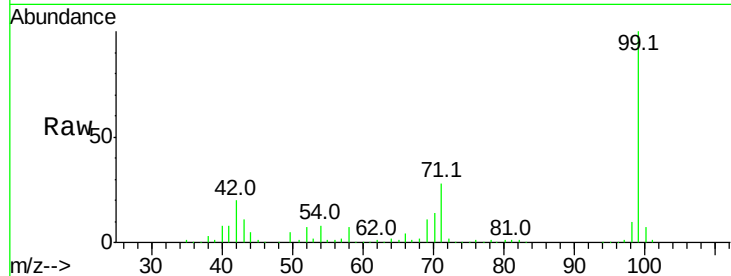
BNA_F

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

Tot Ion: 99 Resp: 1121880

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.5	20.3#
71	28.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

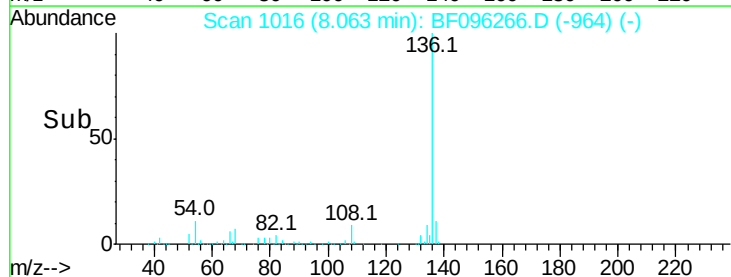
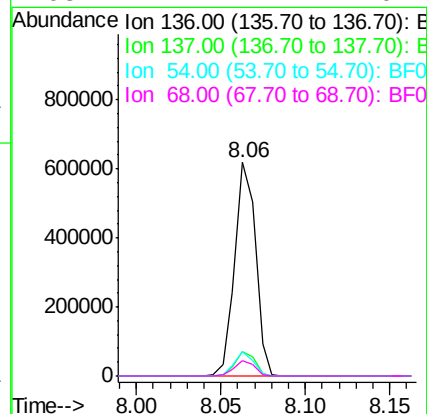
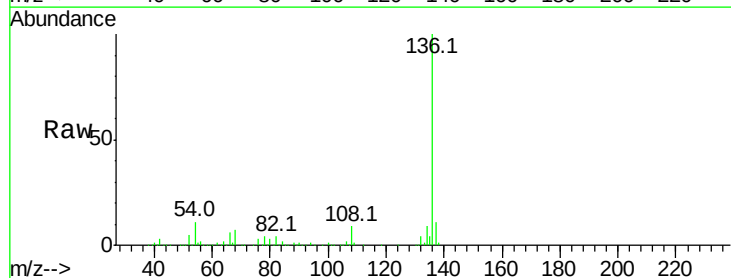
Delta R.T. 0.01 min

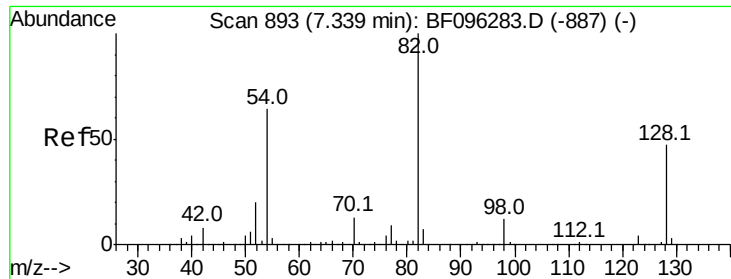
Lab File: BF096266.D

Acq: 28 Jun 2017 22:59

Tgt Ion: 136 Resp: 530598

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.4	4.9	7.3#
68	7.1	4.1	6.1#

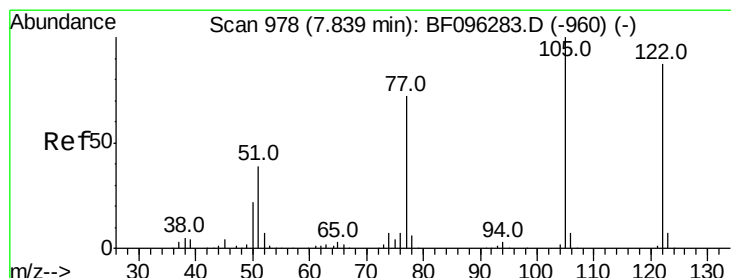
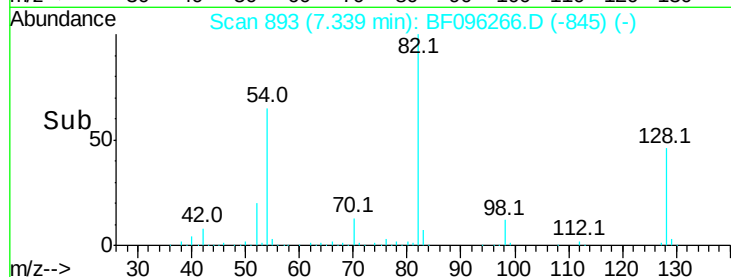
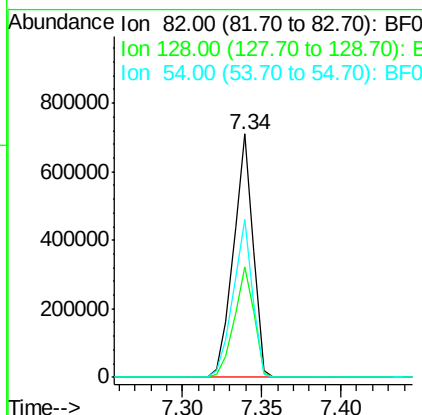
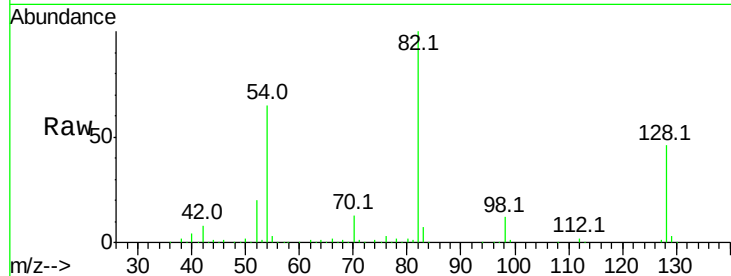




#23
 Nitrobenzene-d5
 Concen: 79.52 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF096266.D
 Acq: 28 Jun 2017 22:59

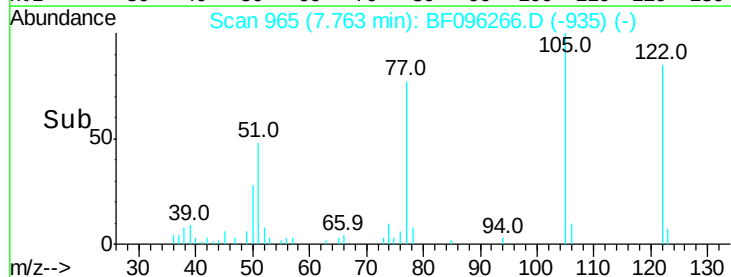
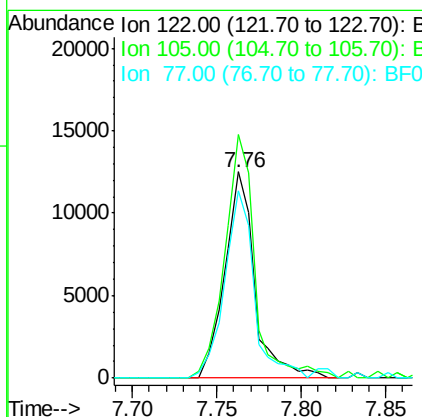
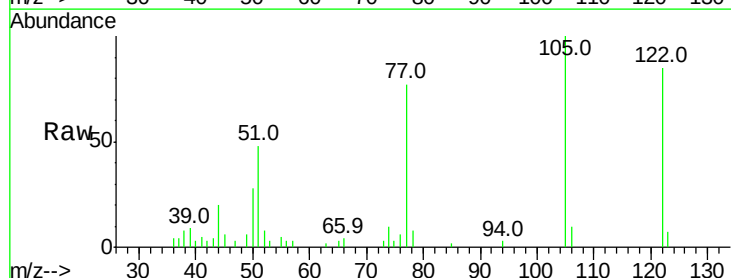
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-72-12002-VNJ-201-COMP

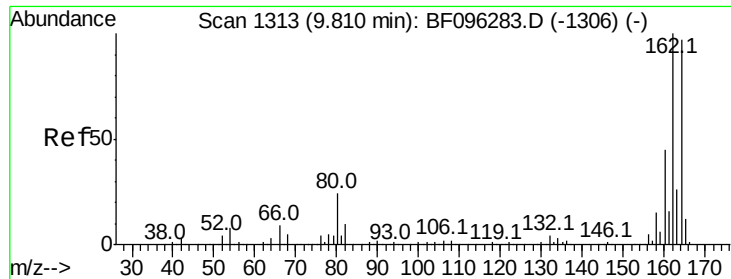
Tot Ion: 82 Resp: 609486
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 65.1 42.2 63.2#



#32
 Benzoic acid
 Concen: 11.03 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.12 min
 Lab File: BF096266.D
 Acq: 28 Jun 2017 22:59

Tgt Ion:122 Resp: 15276
 Ion Ratio Lower Upper
 122 100
 105 118.0 103.3 143.3
 77 90.8 73.7 113.7

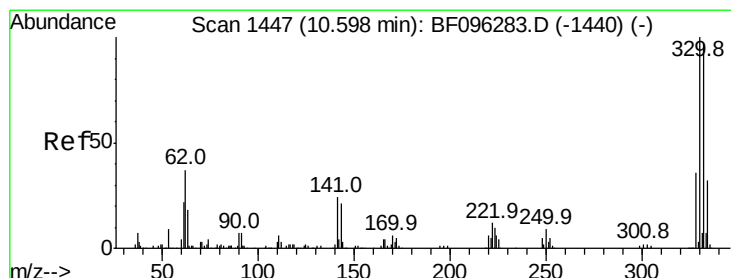
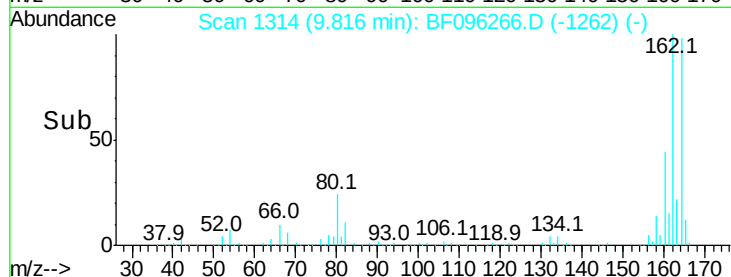
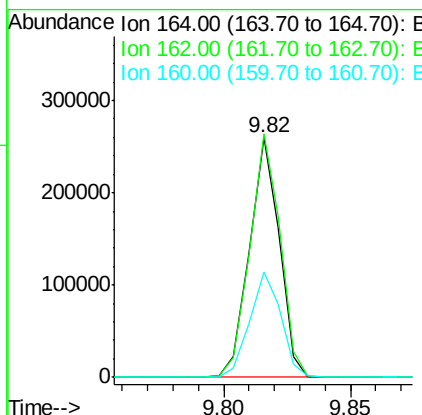
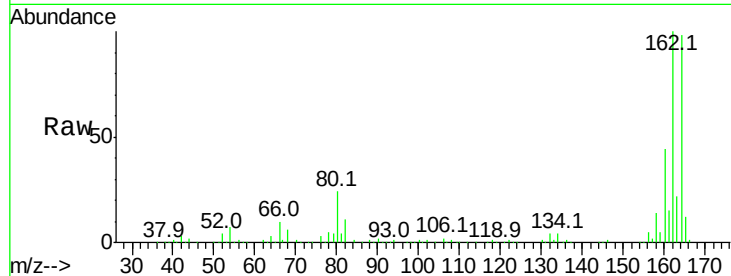




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096266.D
 Acq: 28 Jun 2017 22:59

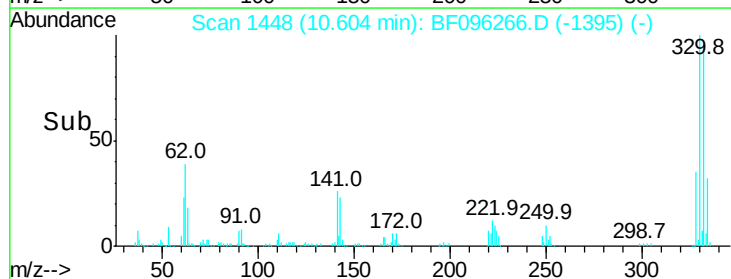
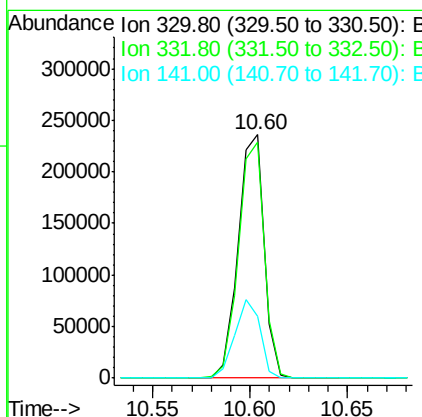
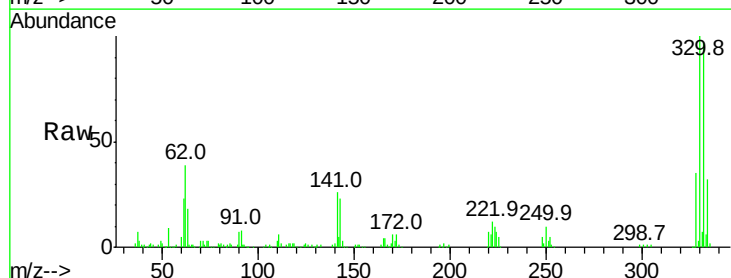
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-72-12002-VNJ-201-COMP

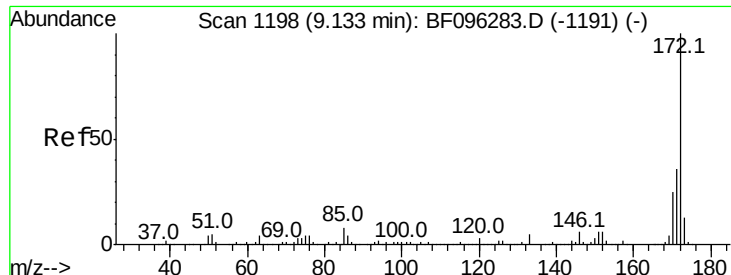
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.2	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 130.09 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF096266.D
 Acq: 28 Jun 2017 22:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	31.8	31.4	47.2

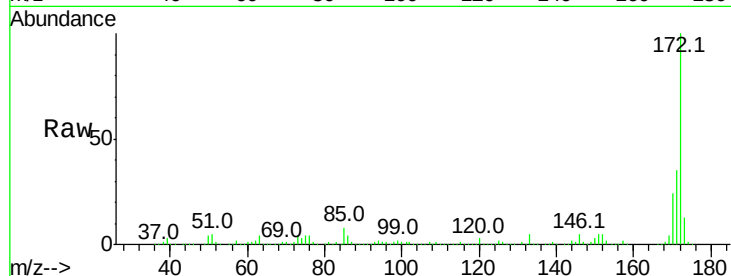




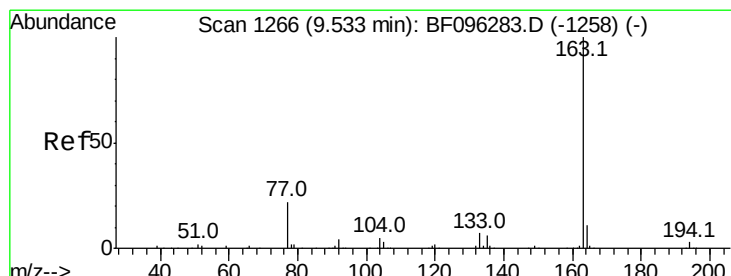
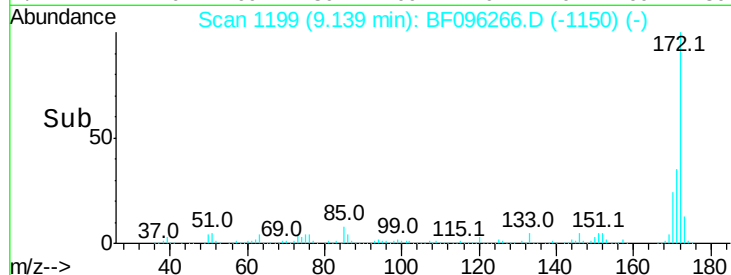
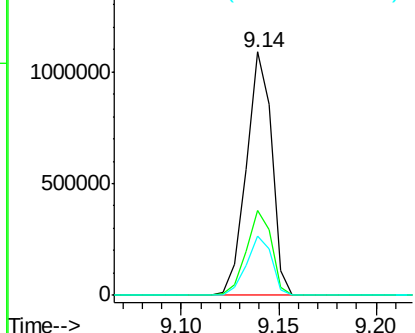
#44
2-Fluorobiphenyl
Concen: 84.52 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

Instrument :
BNA_F
ClientSampleId :
VNJ-72-12002-VNJ-201-COMP

Tot Ion:	172	Resp:	980748
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	24.3	19.8	29.8

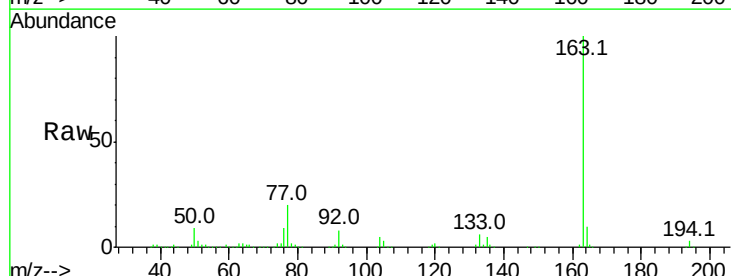


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

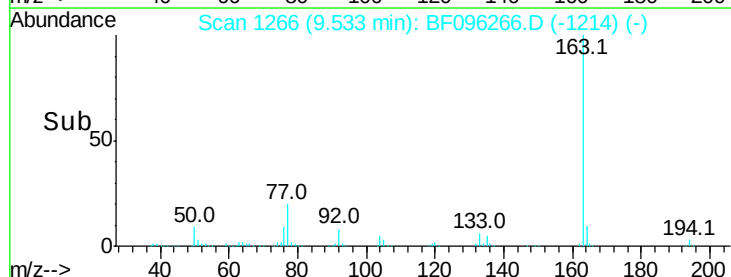
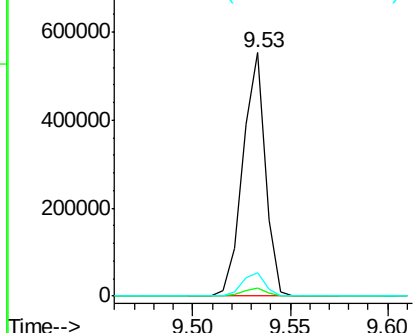


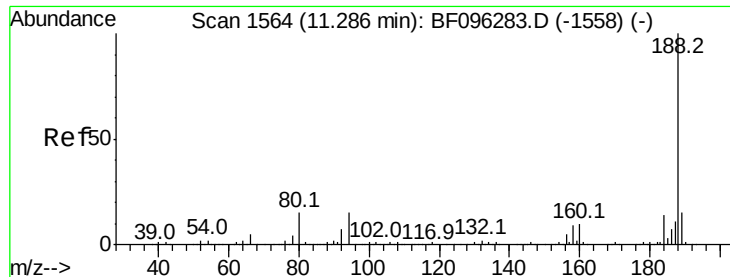
#49
Dimethylphthalate
Concen: 29.01 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

Tgt Ion:	163	Resp:	441165
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



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

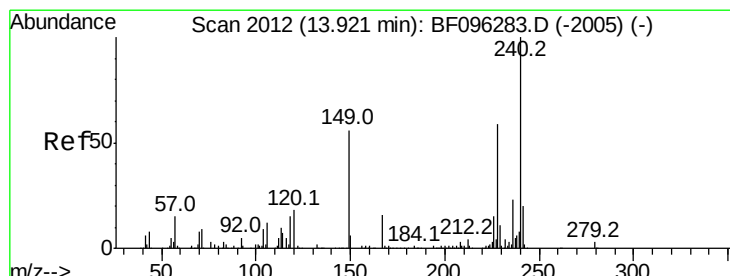
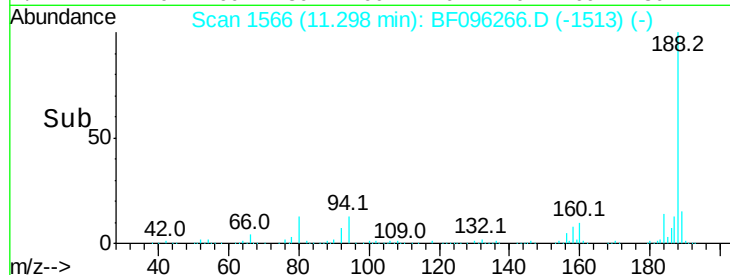
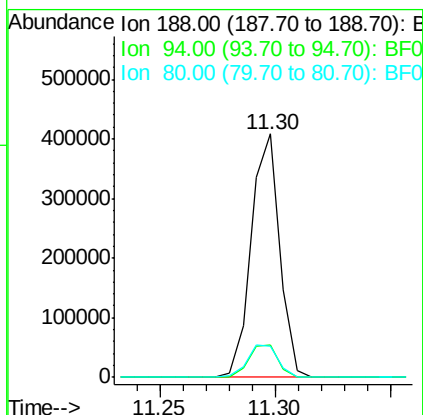
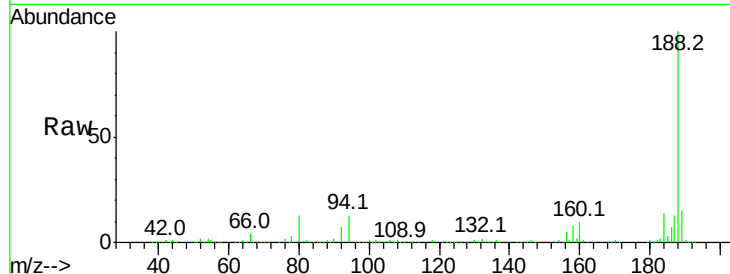




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

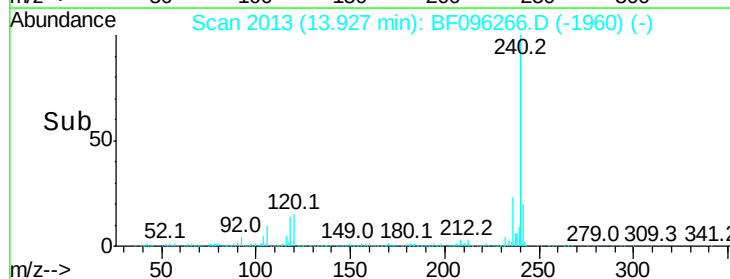
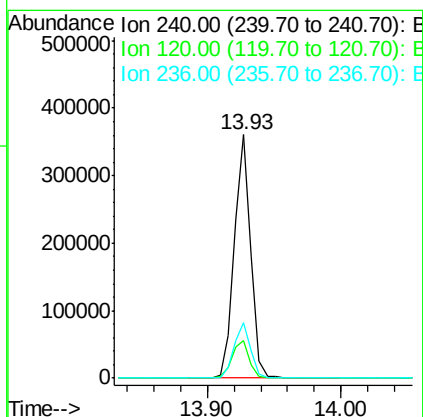
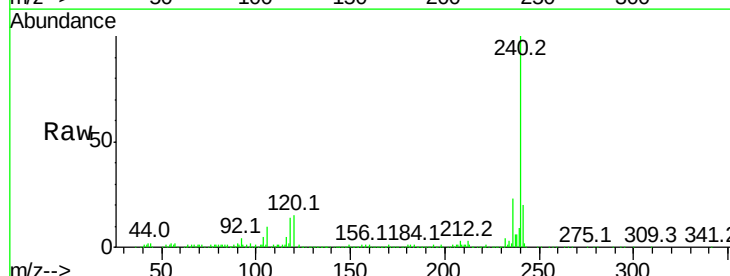
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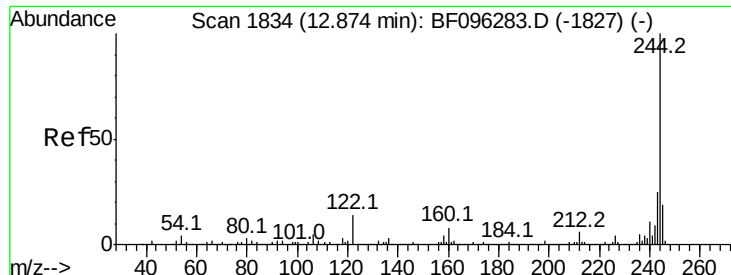
Tot Ion:188 Resp: 351738
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 12.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096266.D
Acq: 28 Jun 2017 22:59

Tgt Ion:240 Resp: 311627
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 22.7 20.5 30.7





#78

Terphenyl-d14

Concen: 65.42 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096266.D

Acq: 28 Jun 2017 22:59

Instrument :

BNA_F

ClientSampleId :

VNJ-72-12002-VNJ-201-COMP

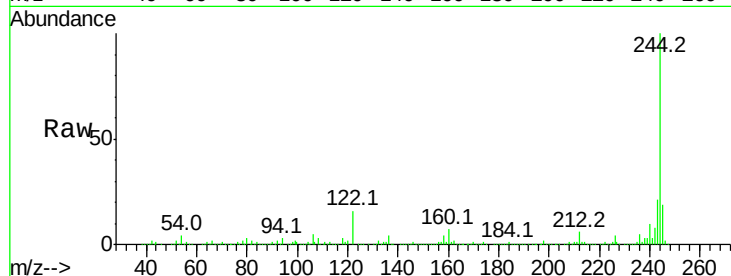
Tot Ion:244 Resp: 817024

Ion Ratio Lower Upper

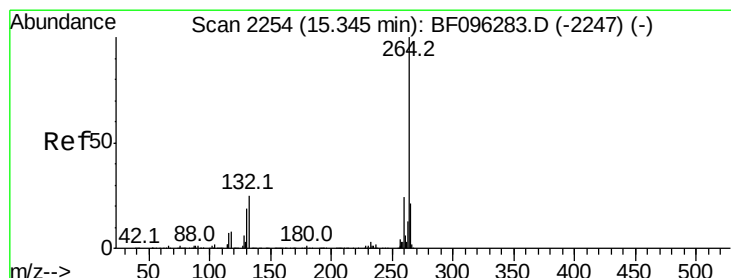
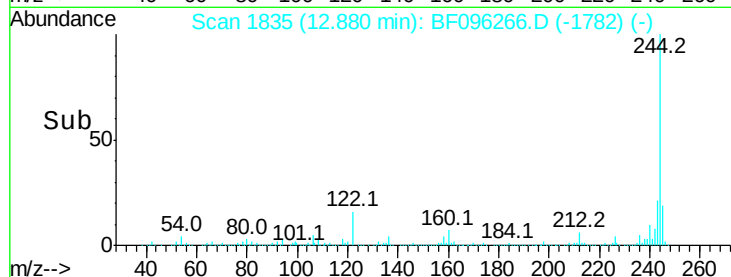
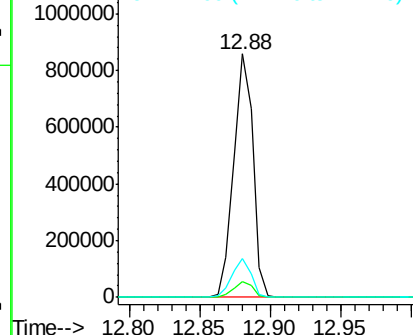
244 100

212 6.2 6.0 9.0

122 15.8 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: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096266.D

Acq: 28 Jun 2017 22:59

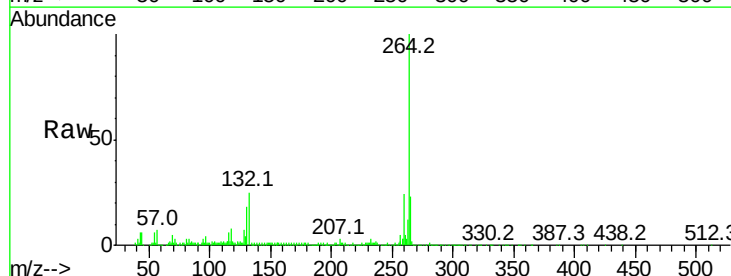
Tgt Ion:264 Resp: 228915

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.5 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

