

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092568.D
 Acq On : 27 Jan 2017 11:05
 Operator : SJ/MA
 Sample : I1353-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Manual Integrations
 APPROVED

Quant Time: Jan 27 15:56:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	156320	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	564224	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	320212	20.00	ng	0.01
63) Phenanthrene-d10	11.54	188	471939	20.00	ng	0.01
75) Chrysene-d12	14.17	240	324484	20.00	ng	0.00
86) Perylene-d12	15.65	264	328263	20.00	ng	0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	683232	68.00	ng	0.03
7) Phenol-d6	6.61	99	98038m	7.66	ng	0.02
23) Nitrobenzene-d5	7.56	82	1031070	99.82	ng	0.02
41) 2,4,6-Tribromophenol	10.84	330	288865	132.38	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1224364	70.70	ng	0.00
78) Terphenyl-d14	13.12	244	1005414	82.51	ng	0.00

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Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
83) Bis(2-ethylhexyl)phthalate	14.15	149	26399	2.20	ng	# 87

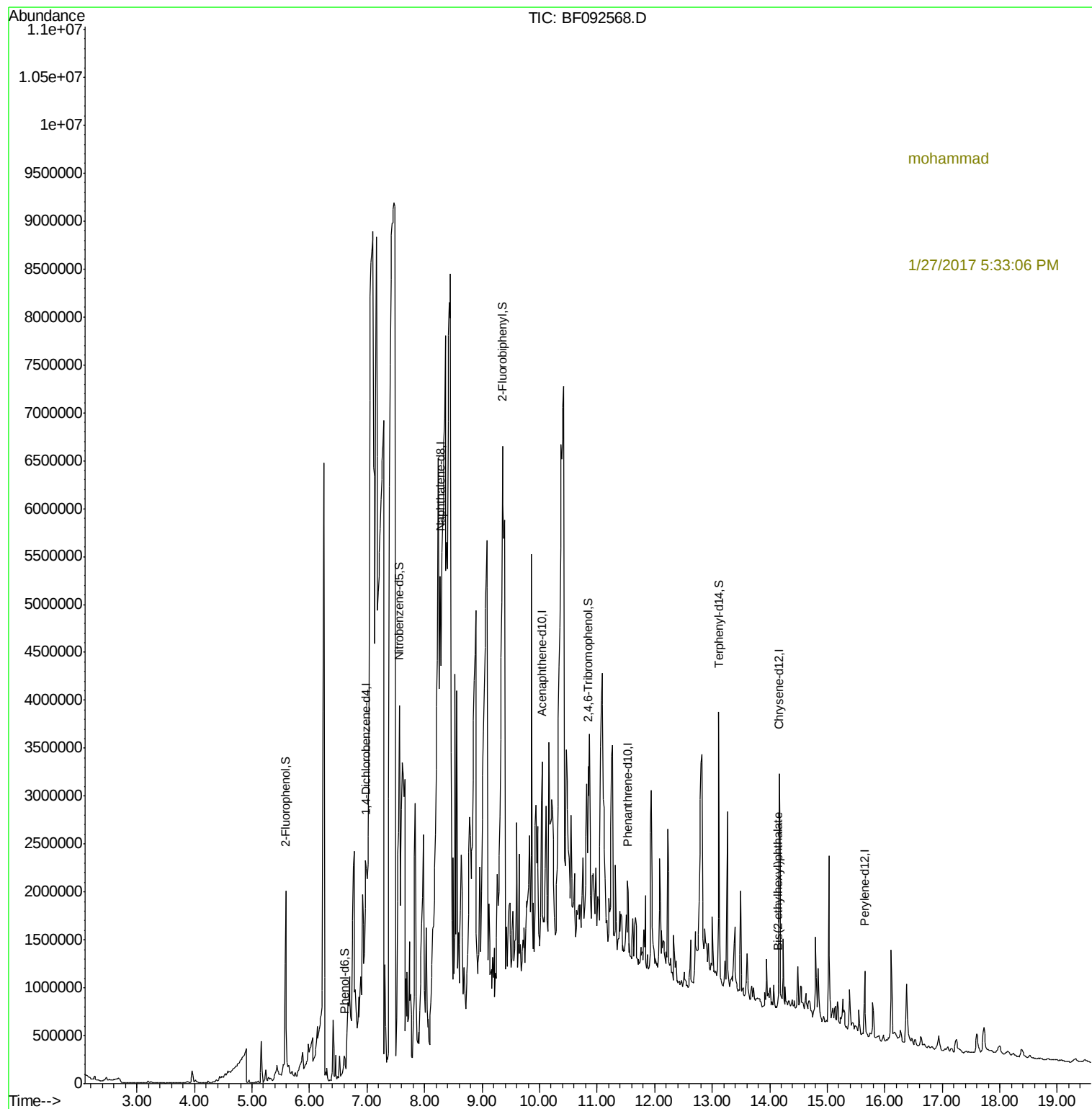
(#) = qualifier out of range (m) = manual integration (+) = signals summed

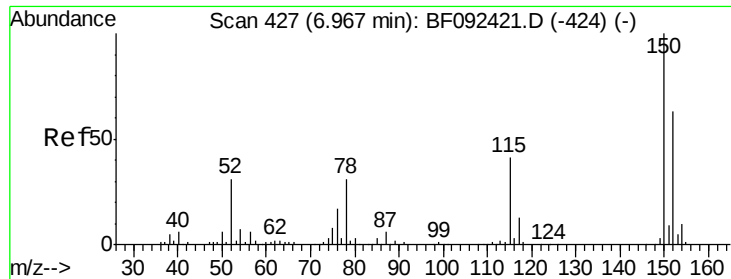
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092568.D
Acq On : 27 Jan 2017 11:05
Operator : SJ/MA
Sample : I1353-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-24

Manual Integrations
APPROVED

Quant Time: Jan 27 15:56:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





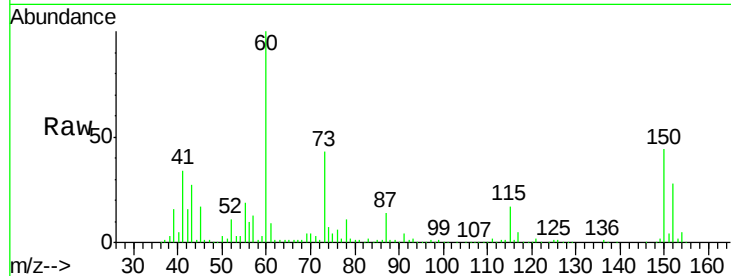
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

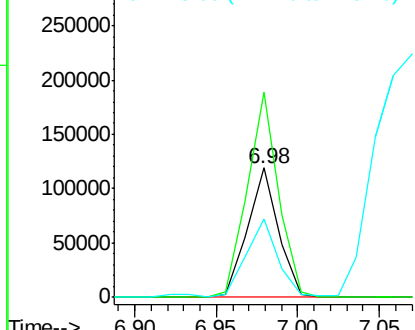
Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	60.5	46.0	69.0

Manual Integrations
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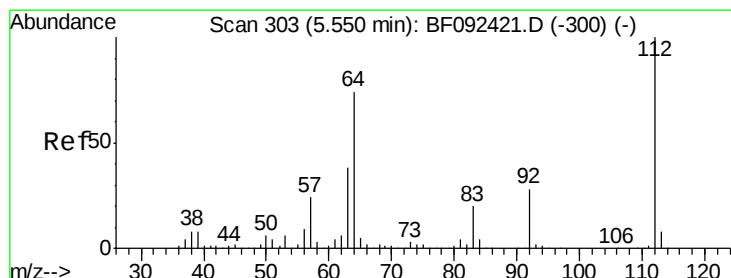
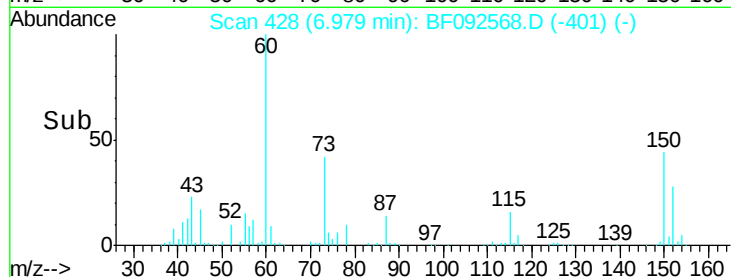


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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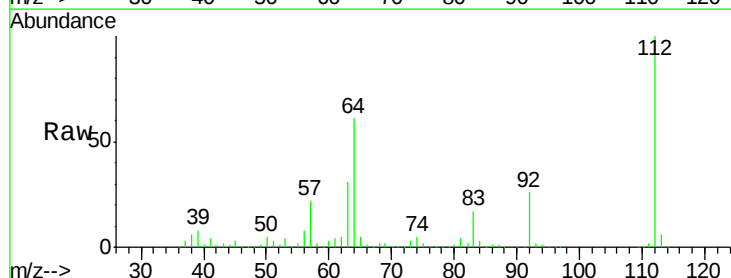
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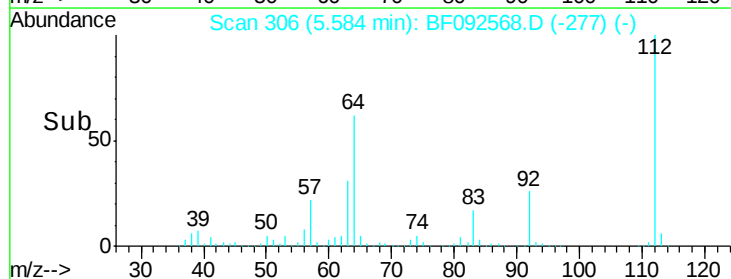
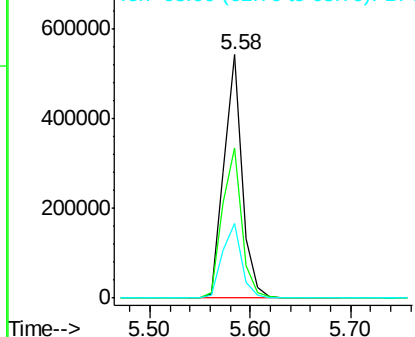
#5

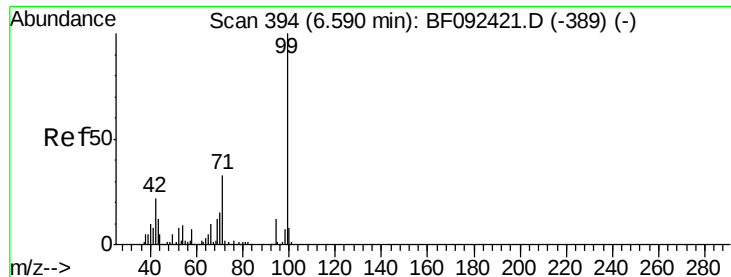
2-Fluorophenol
Concen: 68.00 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.03 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.1	69.1
63	30.8	23.8	35.6



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: 7.66 ng/mL

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092568.D

Acq: 27 Jan 2017 11:05

Instrument :

BNA_F

ClientSampleId :

MW-24

Tot Ion: 99 Resp: 98038

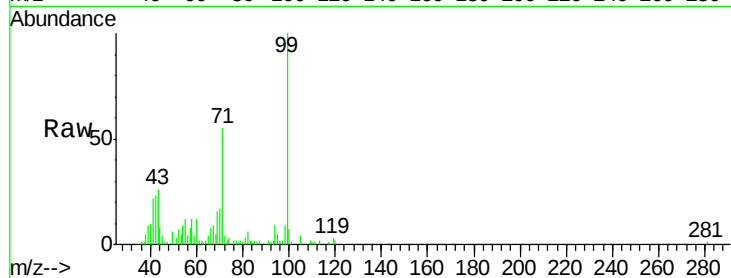
Ion Ratio Lower Upper

99 100

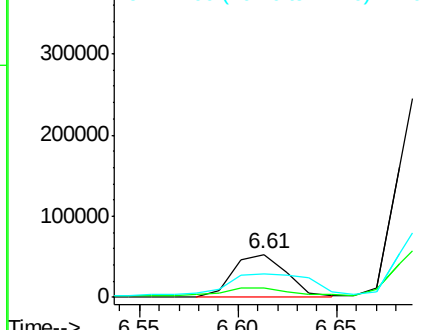
42 22.7 15.6 23.4

71 55.4 27.5 41.3#

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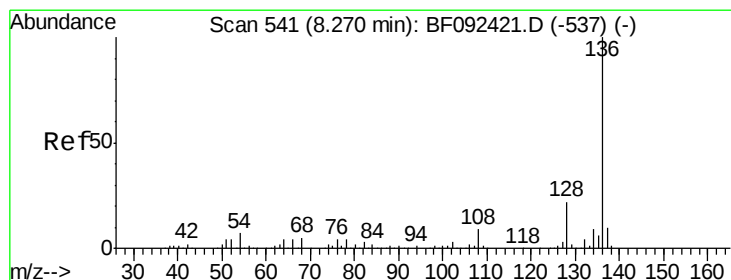
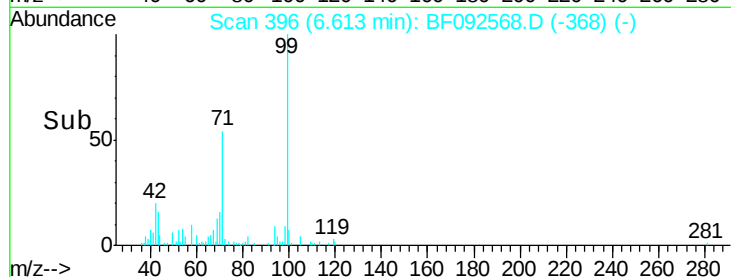


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092568.D

Acq: 27 Jan 2017 11:05

Tgt Ion: 136 Resp: 564224

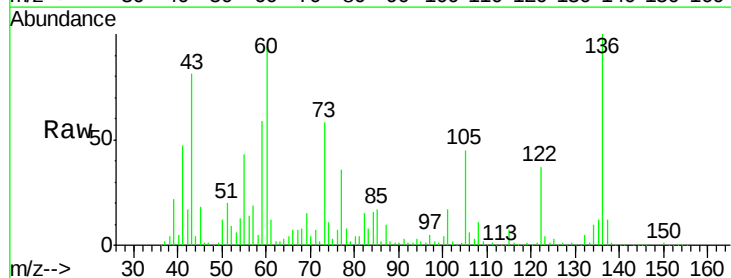
Ion Ratio Lower Upper

136 100

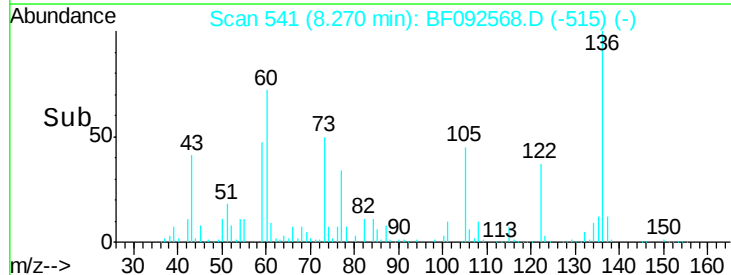
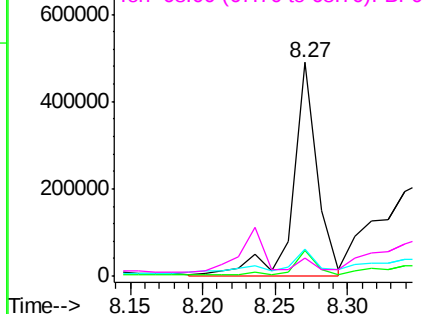
137 11.7 8.4 12.6

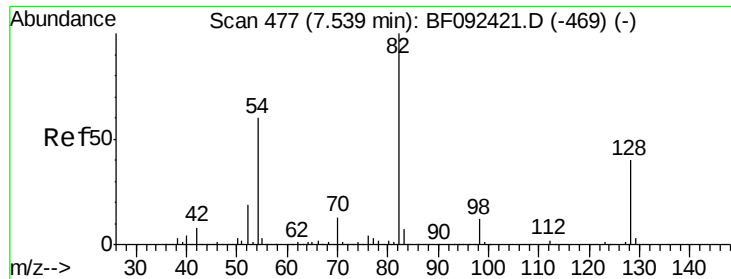
54 12.6 4.5 6.7#

68 8.4 3.6 5.4#



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



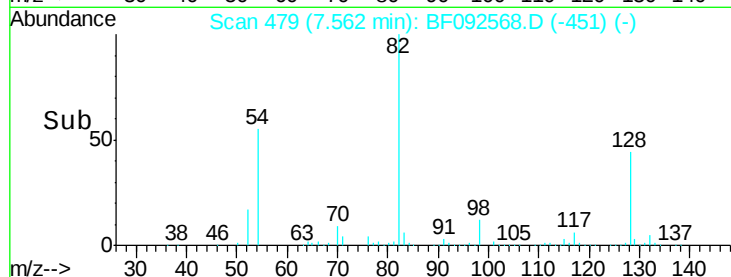
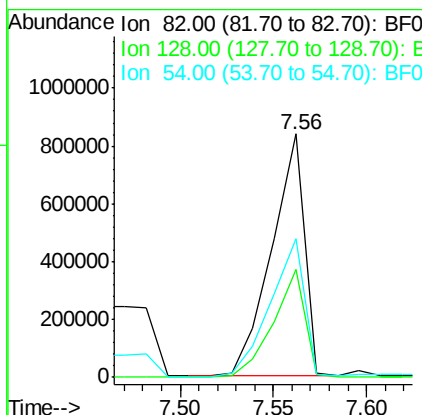
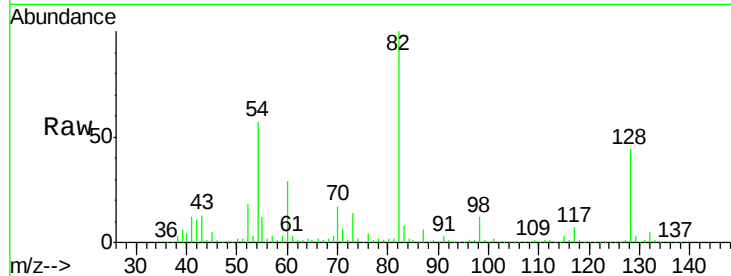


#23
Nitrobenzene-d5
Concen: 99.82 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.02 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

Instrument :
BNA_F
ClientSampled :
MW-24

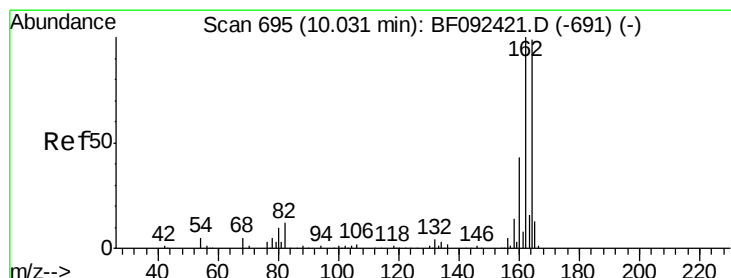
Tot Ion: 82 Resp: 1031070
Ion Ratio Lower Upper
82 100
128 44.3 34.6 52.0
54 56.9 39.5 59.3

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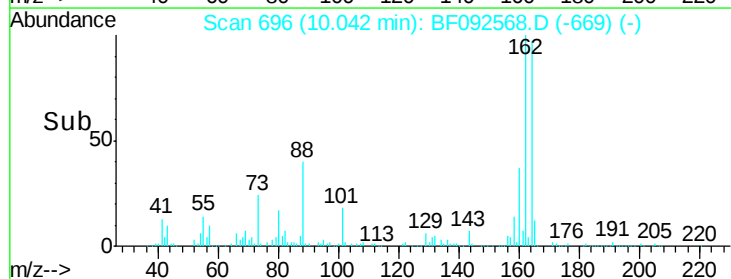
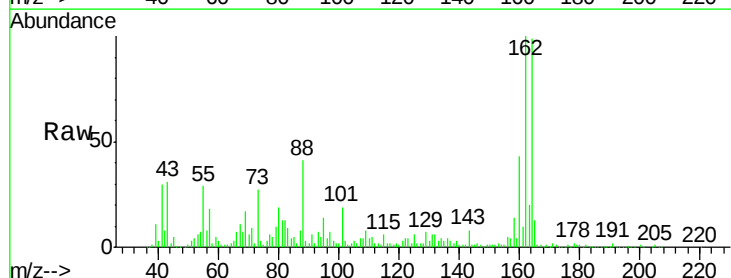
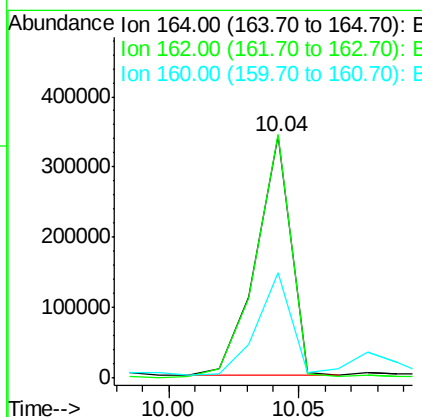
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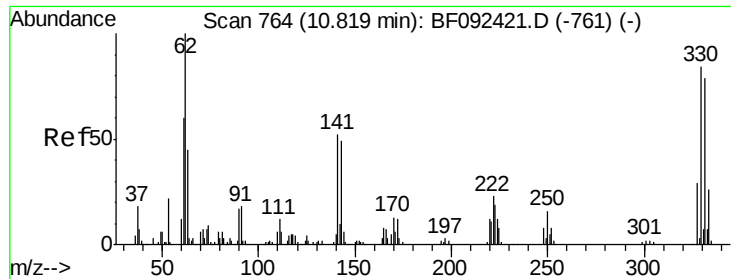
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

Tgt Ion:164 Resp: 320212
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 43.3 36.9 55.3



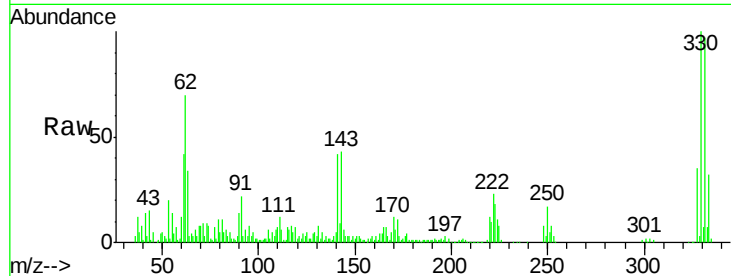


#41
 2,4,6-Tribromophenol
 Concen: 132.38 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: BF092568.D
 Acq: 27 Jan 2017 11:05

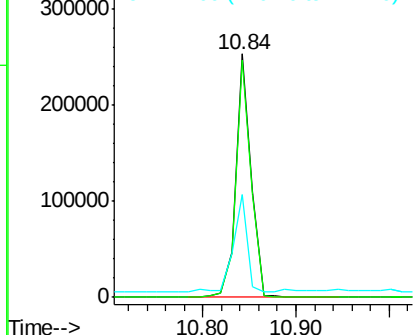
Instrument :
 BNA_F
 ClientSampled :
 MW-24

Tot Ion	Ratio	Resp	Lower	Upper
330	100	288865		
332	97.3		77.4	116.2
141	37.1		34.1	51.1

Manual Integrations
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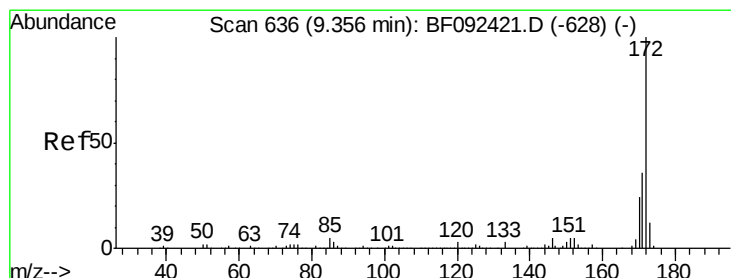
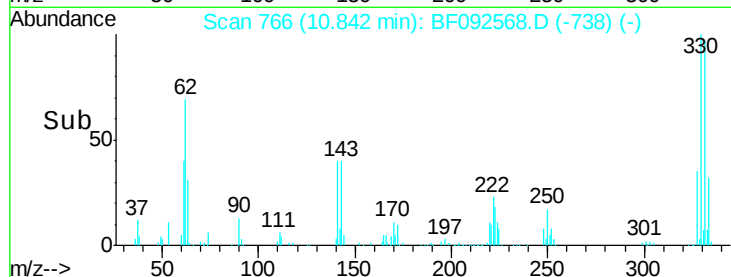


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



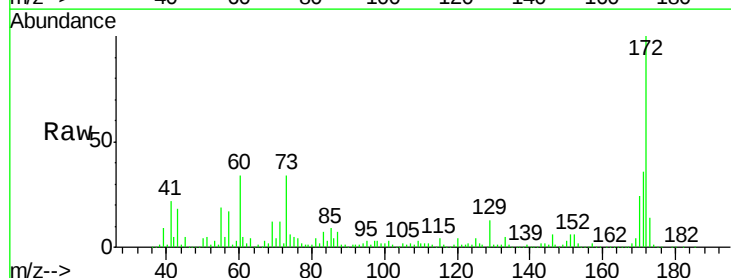
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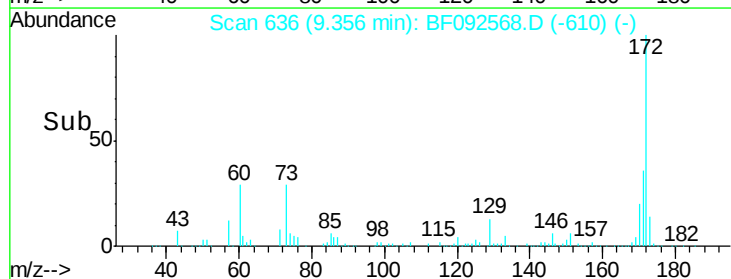
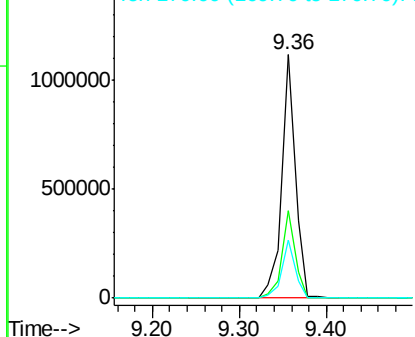


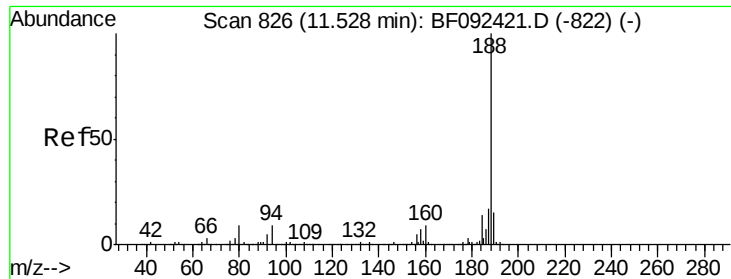
#44
 2-Fluorobiphenyl
 Concen: 70.70 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092568.D
 Acq: 27 Jan 2017 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1224364		
171	36.0		29.4	44.0
170	23.9		20.2	30.4



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



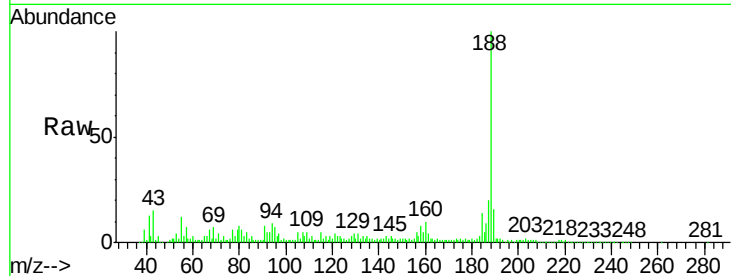


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

Instrument :
BNA_F
ClientSampled :
MW-24

Tot Ion	Ratio	Resp	Lower	Upper
188	100	471939		
94	8.9	10.0	15.0#	
80	8.1	11.2	16.8#	

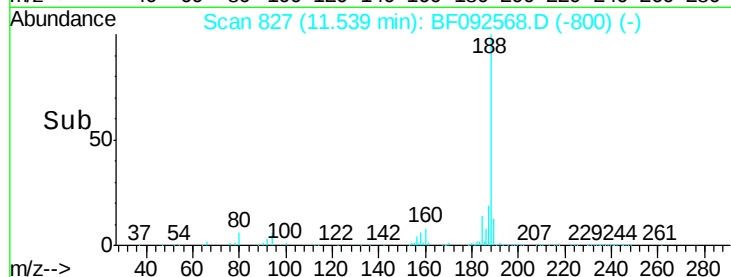
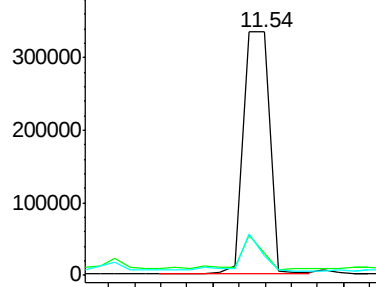
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Abundance Ion 188.00 (187.70 to 188.70): E

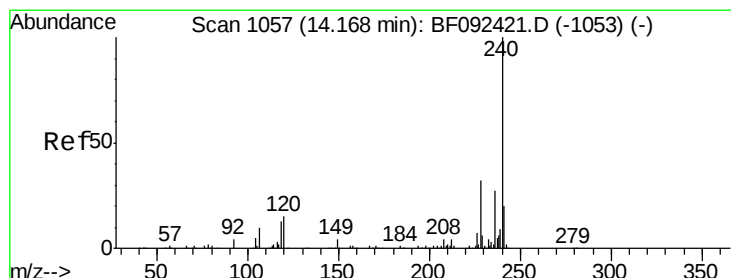
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



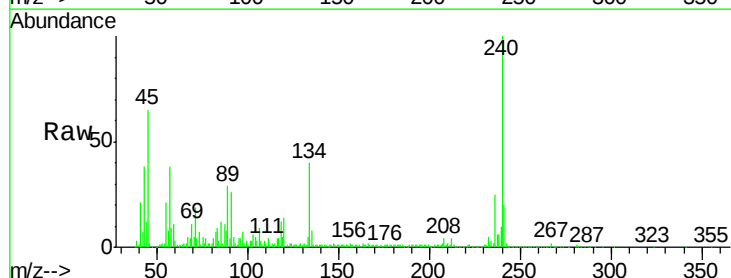
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

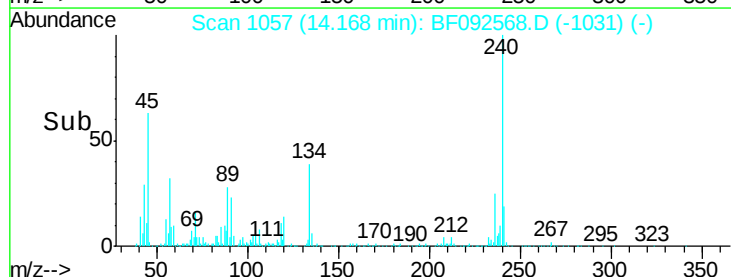
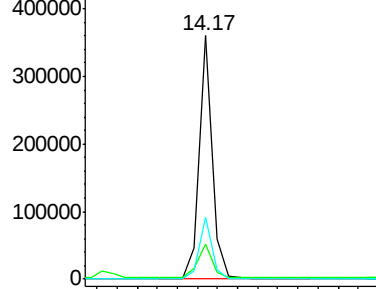
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324484		
120	14.3	12.9	19.3	
236	25.4	20.9	31.3	

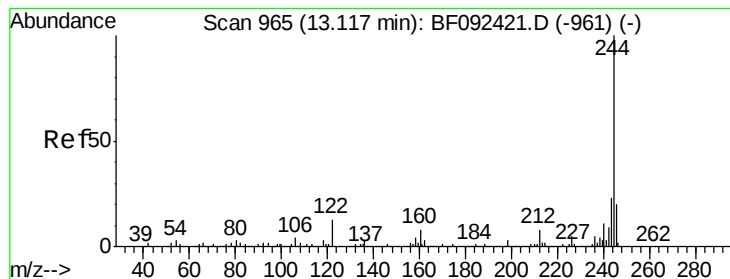


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.51 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092568.D

Acq: 27 Jan 2017 11:05

Instrument :

BNA_F

ClientSampled :

MW-24

Tot Ion:244 Resp: 1005414

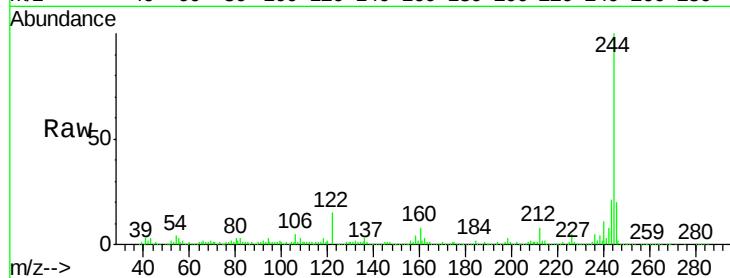
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 14.7 11.4 17.2

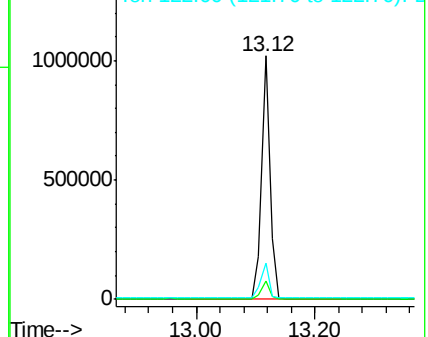
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Abundance Ion 244.00 (243.70 to 244.70): E

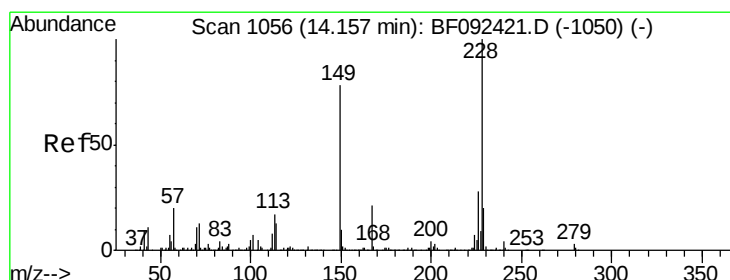
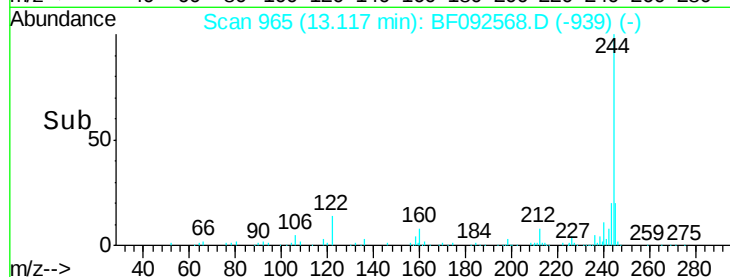
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.20 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092568.D

Acq: 27 Jan 2017 11:05

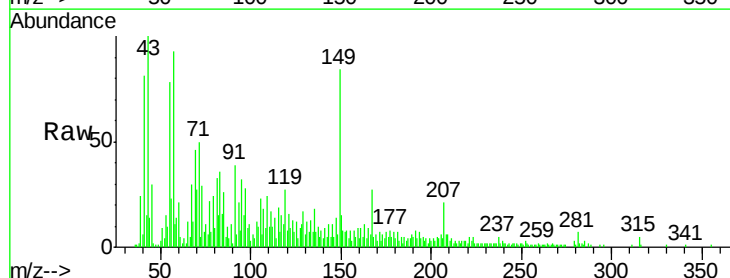
Tgt Ion:149 Resp: 26399

Ion Ratio Lower Upper

149 100

167 32.3 20.2 30.4#

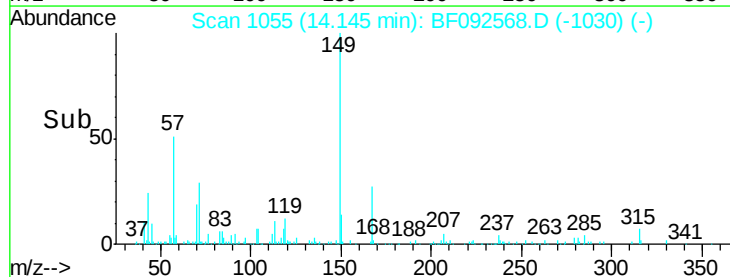
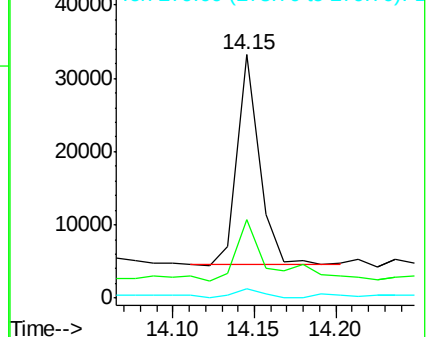
279 3.6 1.8 2.8#

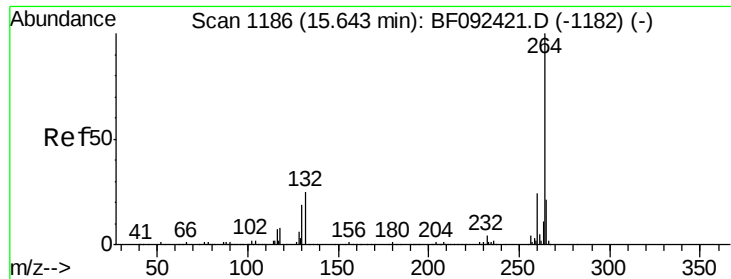


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



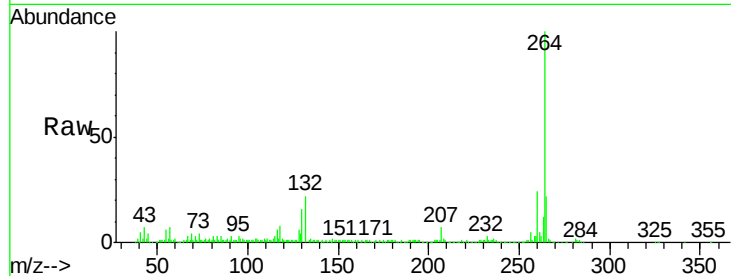


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092568.D
Acq: 27 Jan 2017 11:05

Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0

Manual Integrations
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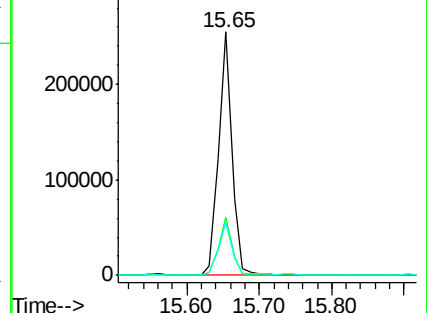
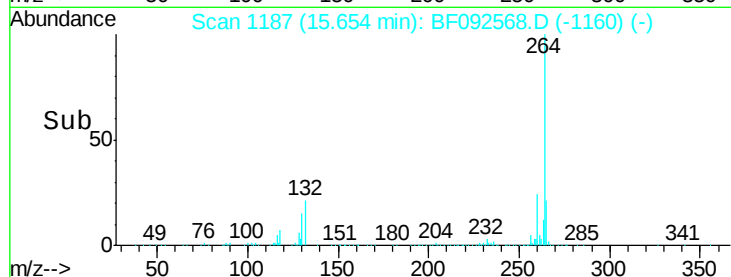


Abundance

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



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