

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092575.D
 Acq On : 27 Jan 2017 14:16
 Operator : SJ/MA
 Sample : I1266-06
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Manual Integrations
 APPROVED

mohammad
 1/27/2017 5:32:45 PM

Quant Time: Jan 27 16:14:51 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	6.97	152	166130	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	652400	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	359239	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	507718	20.00	ng	0.00
75) Chrysene-d12	14.17	240	366121	20.00	ng	0.00
86) Perylene-d12	15.65	264	359446	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	755455	70.75	ng	0.05
7) Phenol-d6	6.64	99	724598	53.27	ng	0.05
23) Nitrobenzene-d5	7.55	82	1202200	100.66	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	326086	133.20	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1725768	88.83	ng	0.00
78) Terphenyl-d14	13.12	244	1128085	82.05	ng	0.00
Target Compounds						
10) Phenol	6.65	94	35530m	2.16	ng	Qvalue
31) Naphthalene	8.29	128	124403	3.73	ng	# 72

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

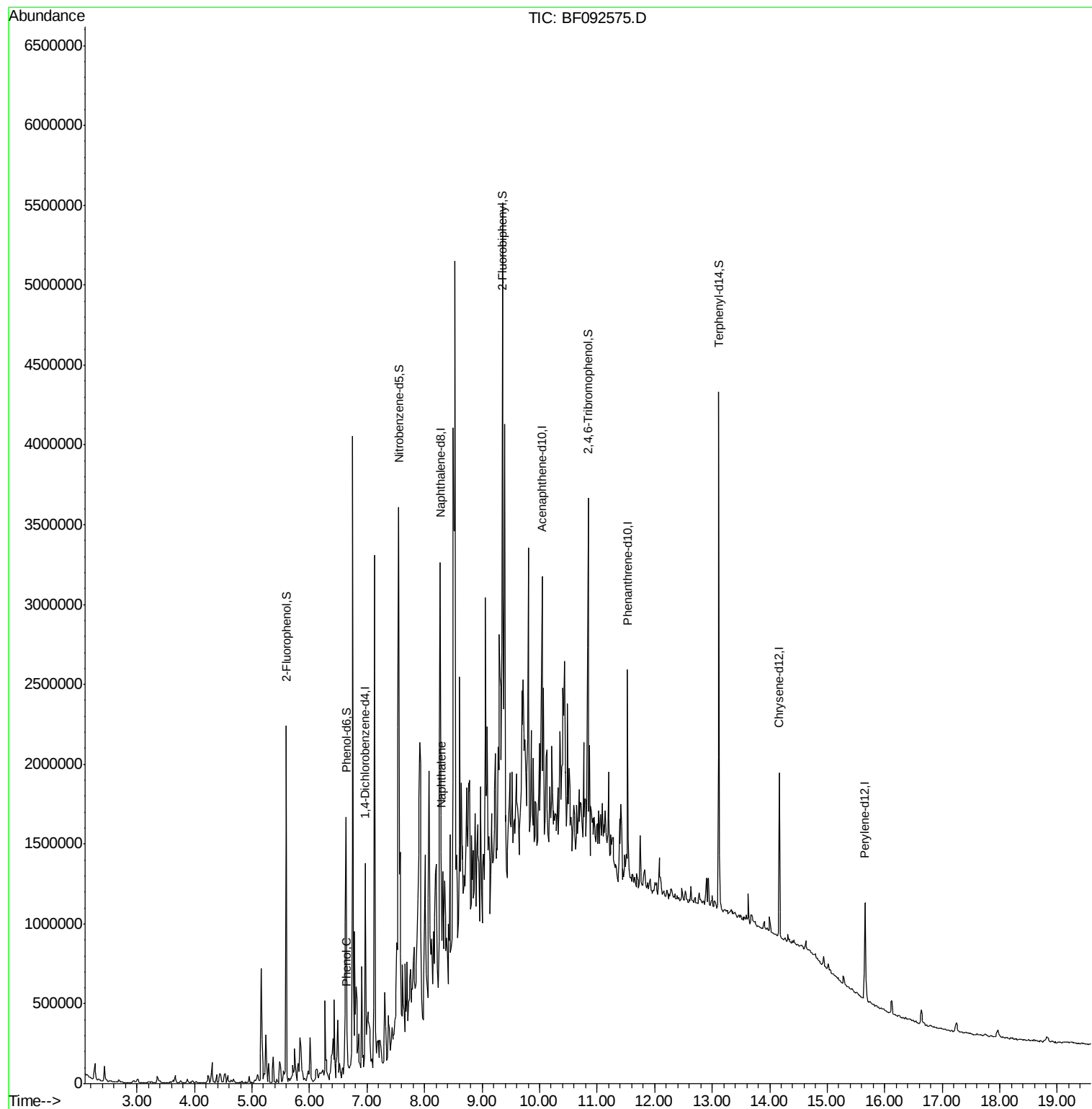
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092575.D
Acq On : 27 Jan 2017 14:16
Operator : SJ/MA
Sample : I1266-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

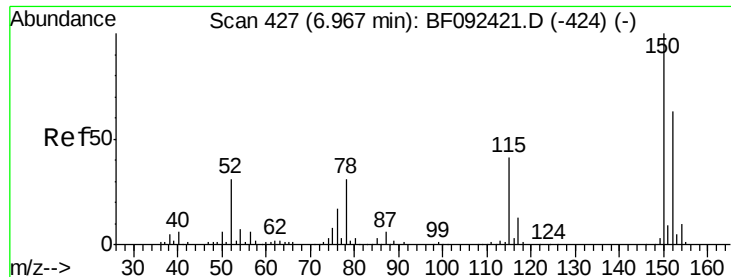
Instrument :
BNA_F
ClientSampleId :
MW-05

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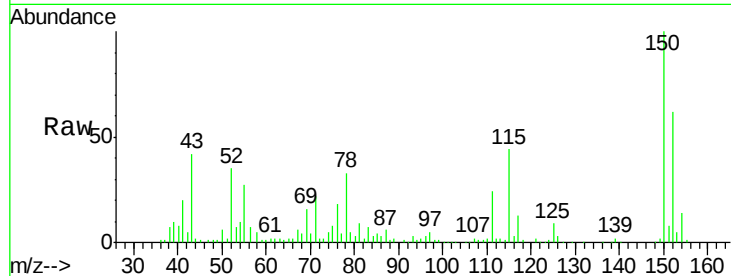
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Instrument :
 BNA_F
 ClientSampled :
 MW-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.9	187.3
115	70.5	46.0	69.0

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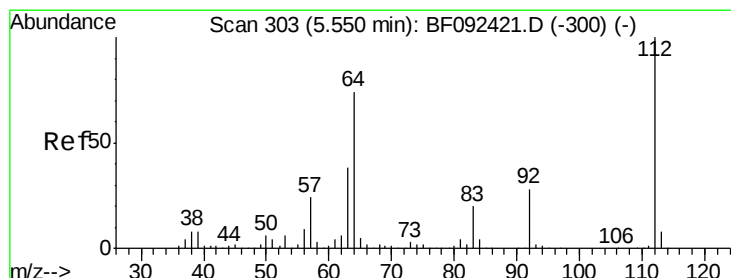
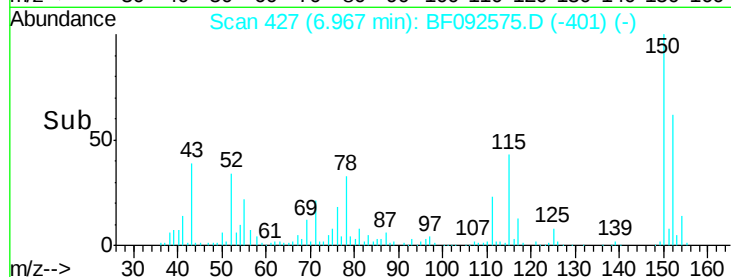
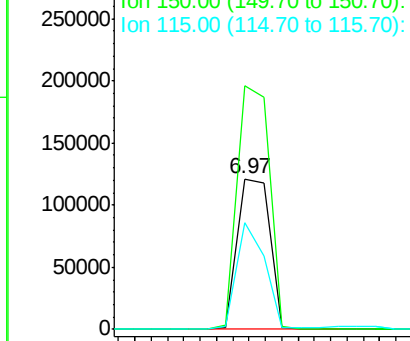


Abundance

Ion 152.00 (151.70 to 152.70): E

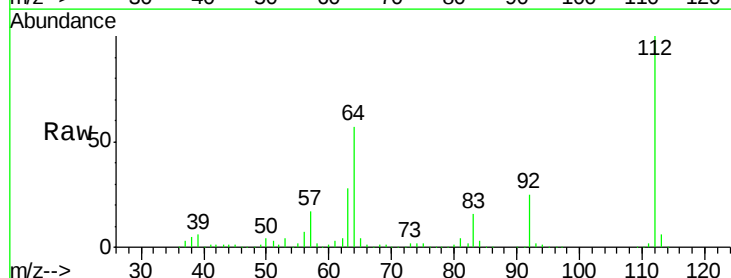
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 70.75 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.1	69.1
63	28.0	23.8	35.6

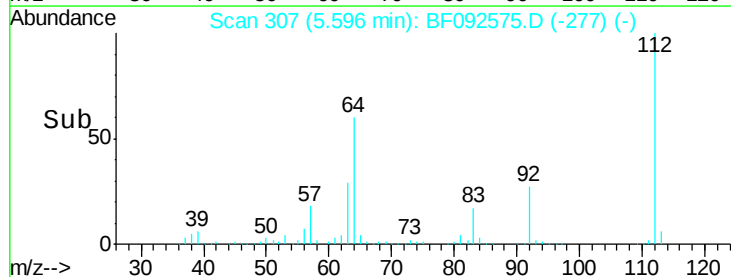
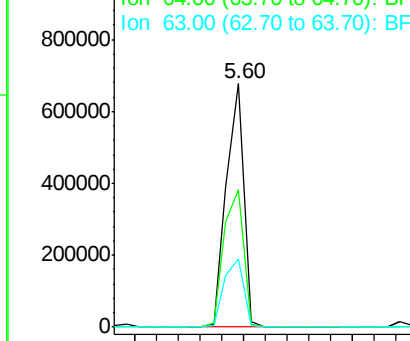


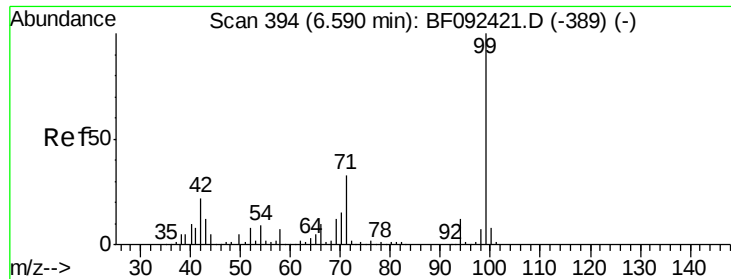
Abundance

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: 53.27 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

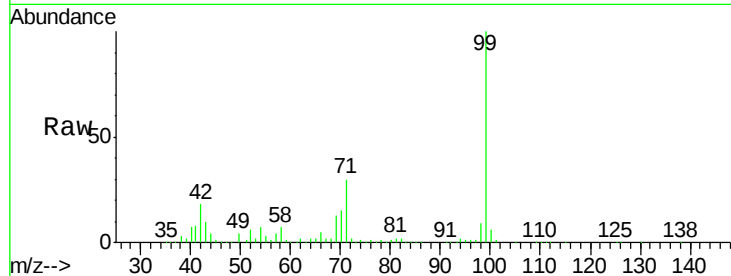
ClientSampleId :

MW-05

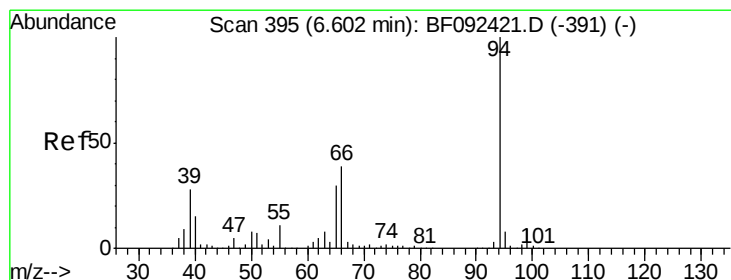
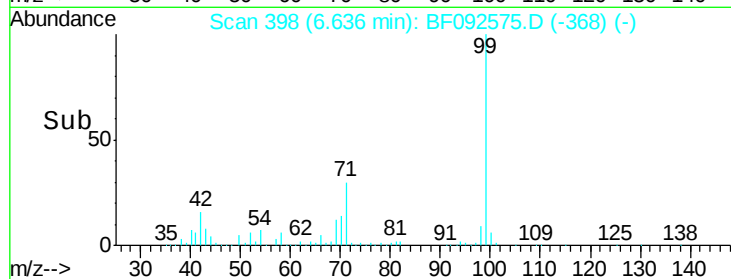
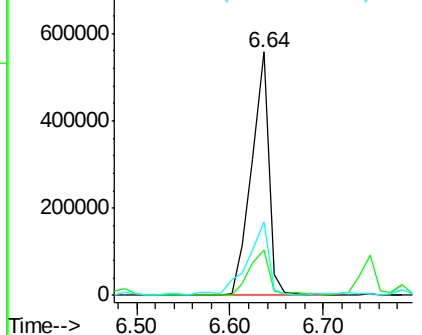
Tot Ion:	99	Resp:	724598
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	30.3	27.5	41.3

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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



#10

Phenol

Concen: 2.16 ng m

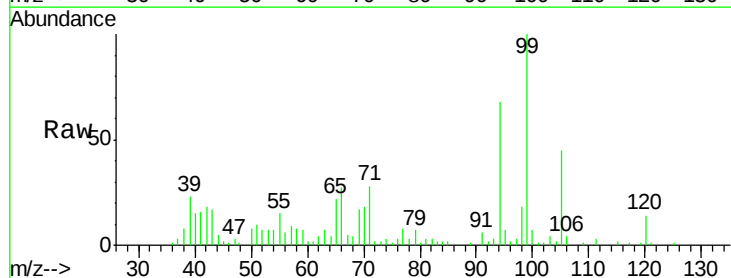
RT: 6.65 min Scan# 399

Delta R.T. 0.05 min

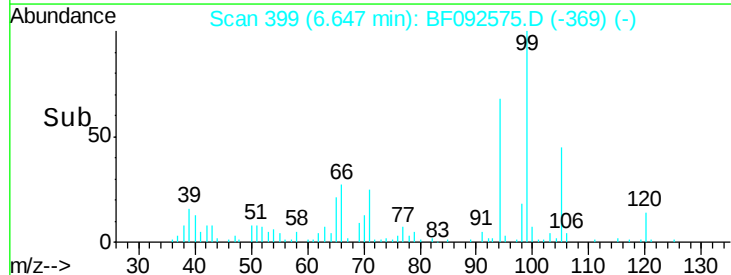
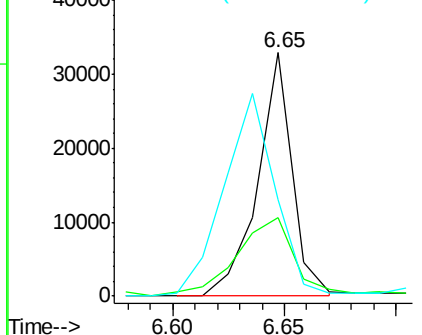
Lab File: BF092575.D

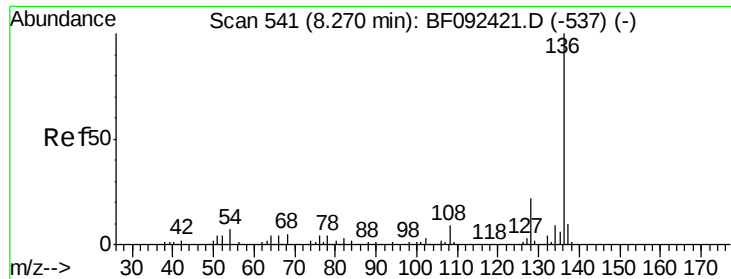
Acq: 27 Jan 2017 14:16

Tgt Ion:	94	Resp:	35530
Ion	Ratio	Lower	Upper
94	100		
65	32.1	21.4	61.4
66	39.7	44.0	84.0#



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: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

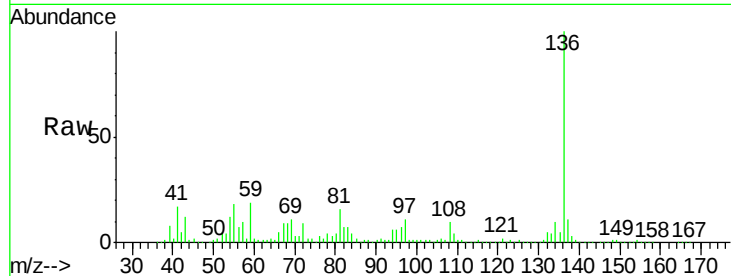
ClientSampled :

MW-05

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.4	4.5	6.7#
68	9.3	3.6	5.4#

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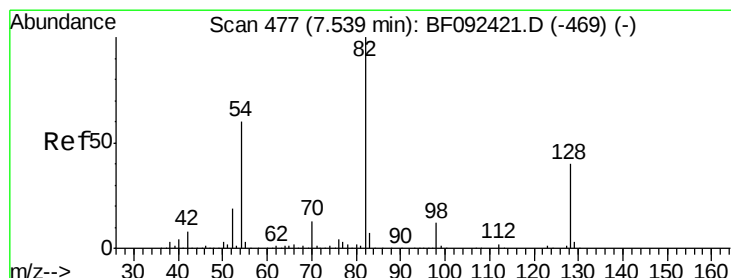
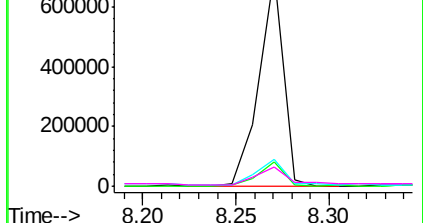
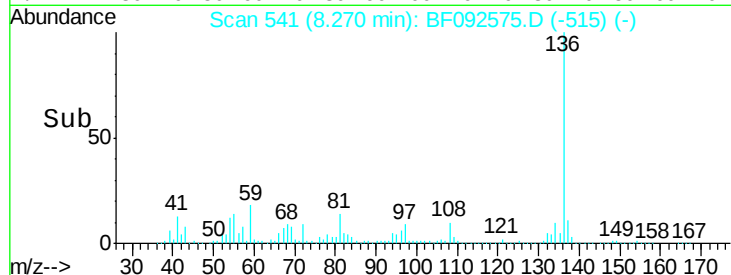


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.66 ng

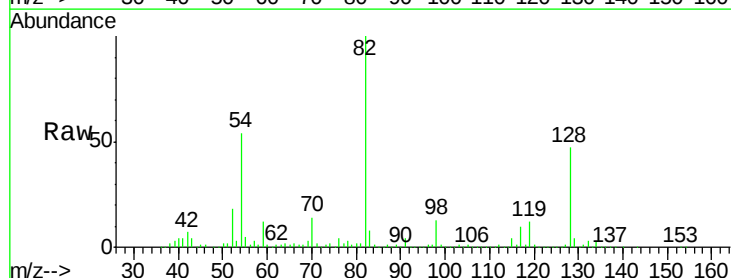
RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

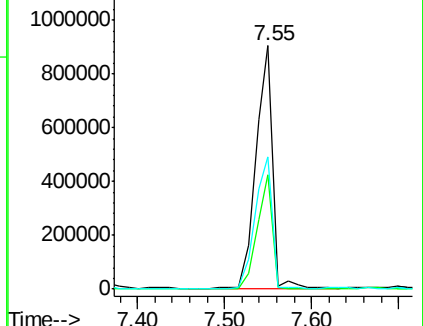
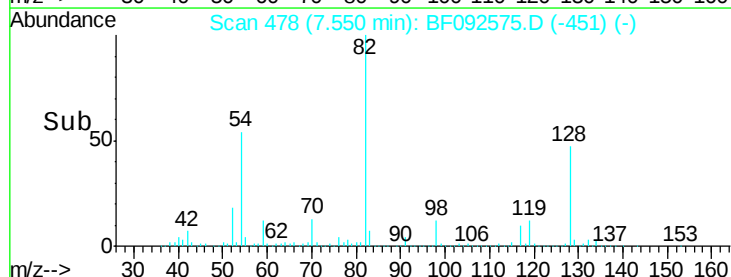
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	52.0
54	54.1	39.5	59.3

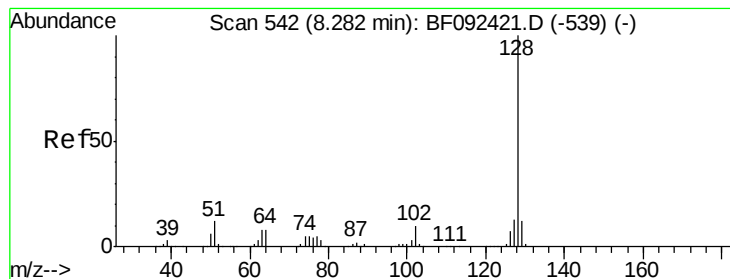


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.73 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

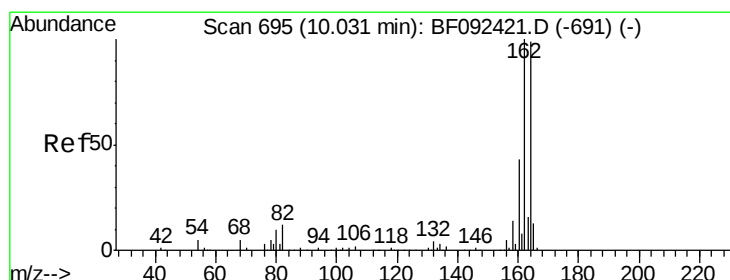
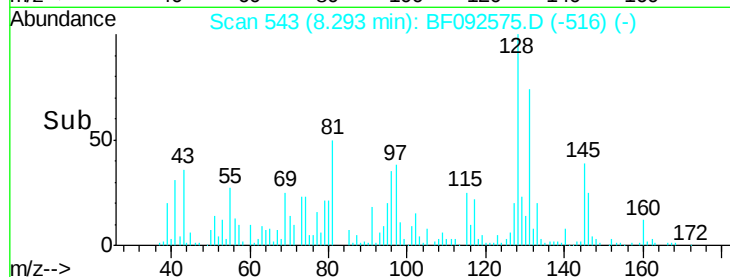
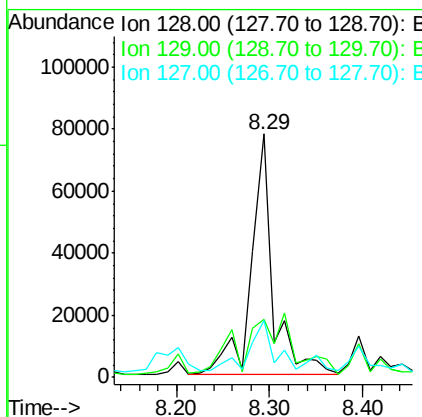
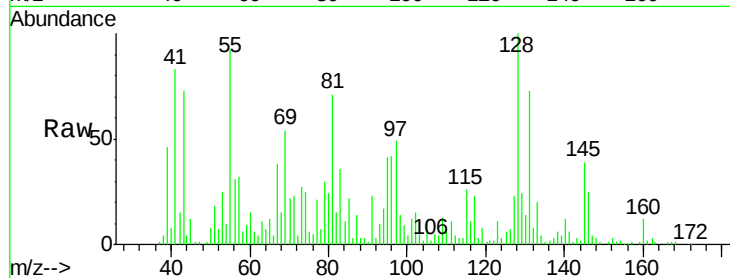
ClientSampled :

MW-05

Tot Ion:	128	Resp:	124403
Ion Ratio	Lower	Upper	
128	100		
129	24.0	9.5	14.3#
127	23.3	10.8	16.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

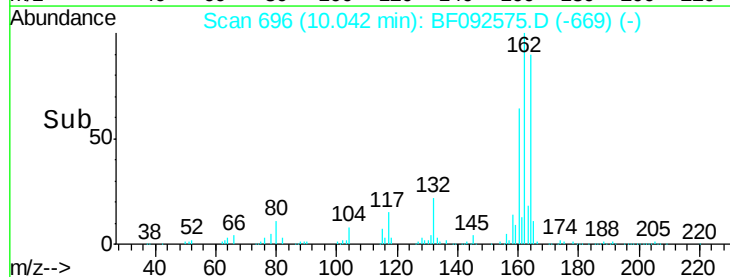
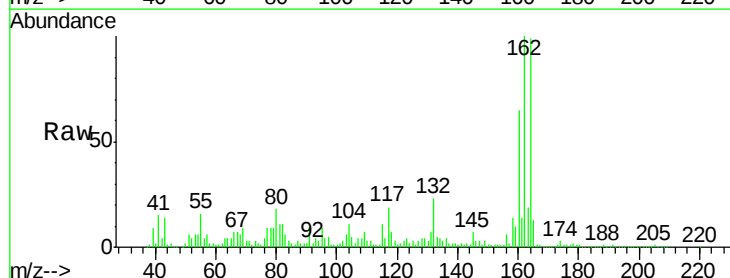
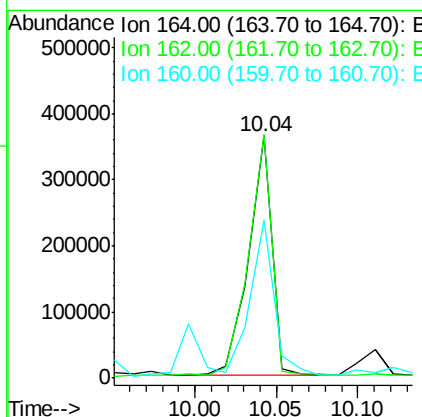
RT: 10.04 min Scan# 696

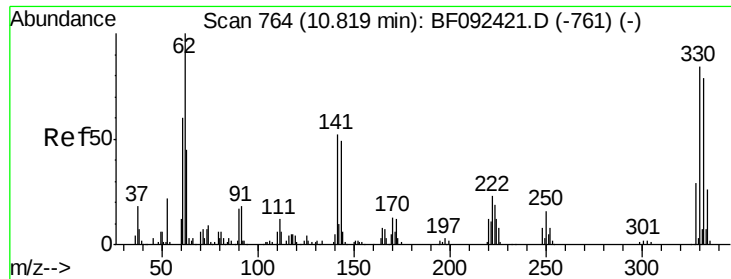
Delta R.T. 0.01 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Tgt Ion:	164	Resp:	359239
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.2	120.2
160	65.0	36.9	55.3#





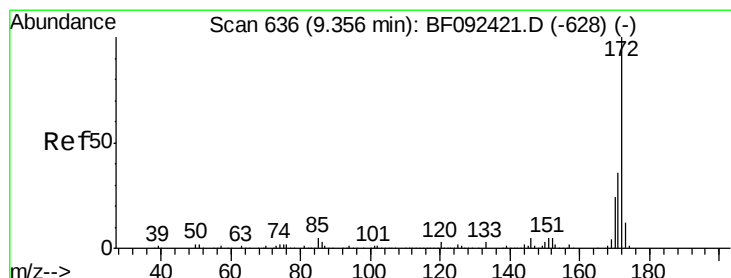
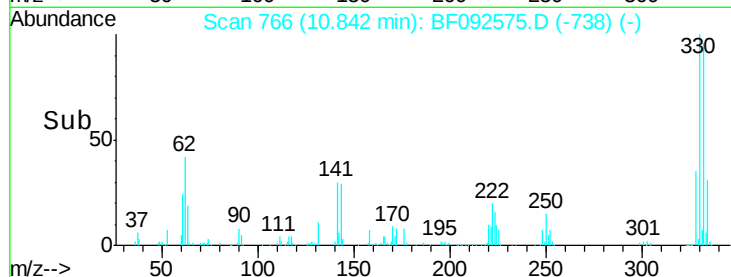
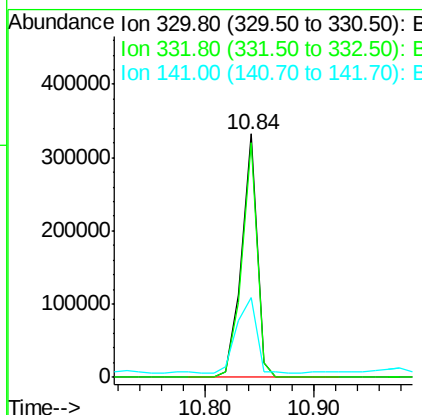
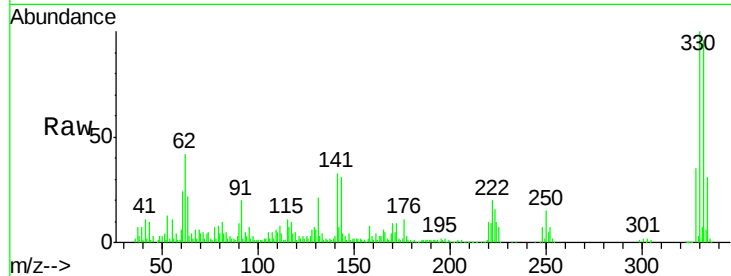
#41
 2,4,6-Tribromophenol
 Concen: 133.20 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	41.0	34.1	51.1

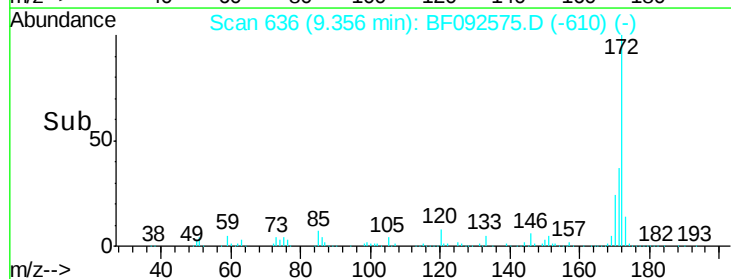
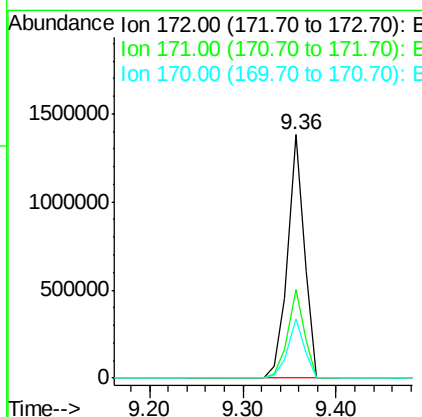
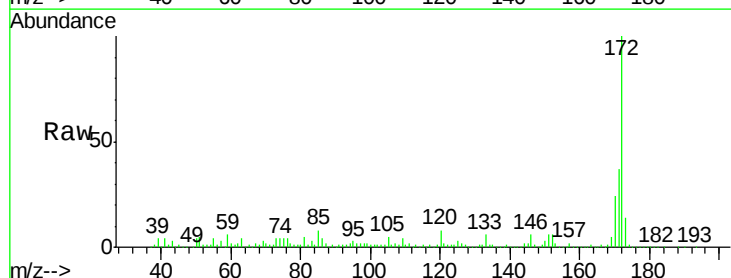
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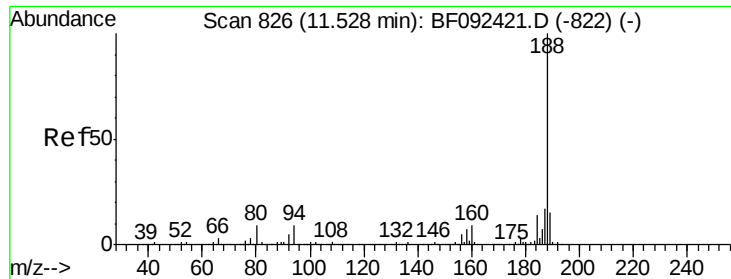
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#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.1	20.2	30.4





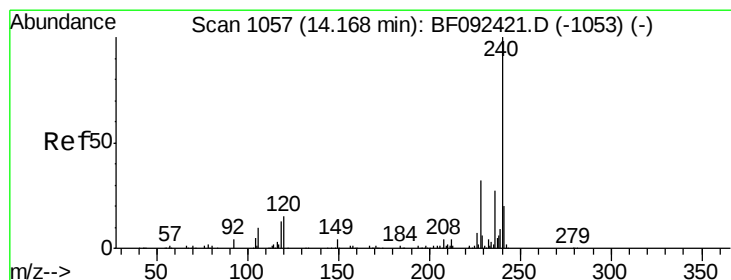
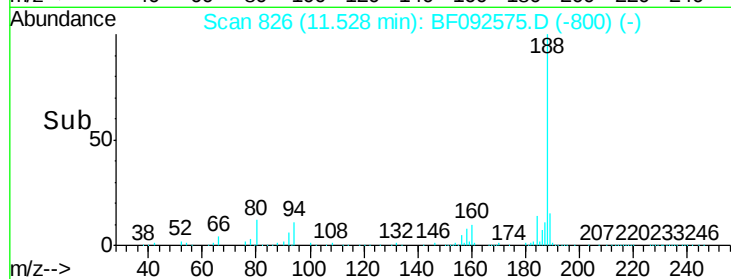
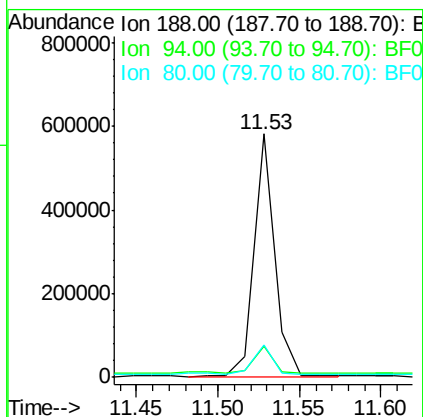
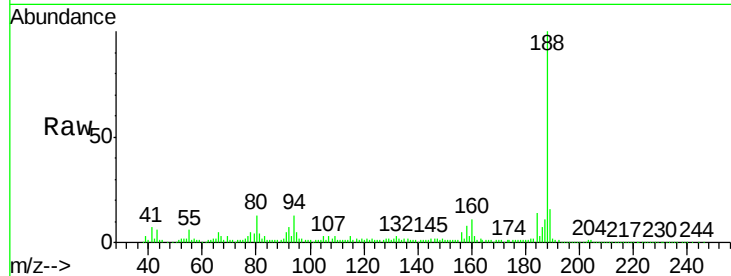
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion	Ratio	Resp	Lower	Upper
188	100	507718		
94	12.8		10.0	15.0
80	13.2		11.2	16.8

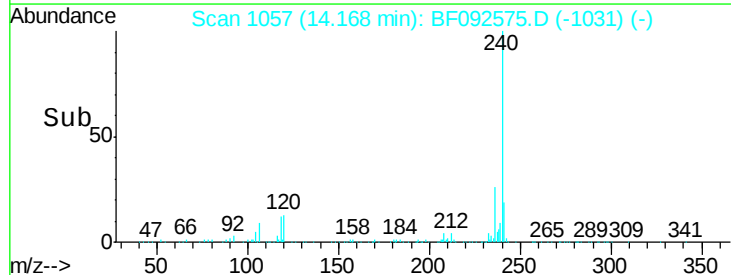
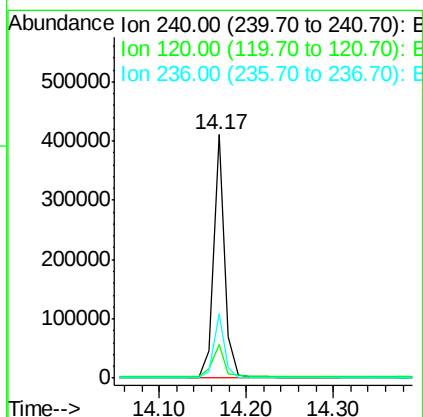
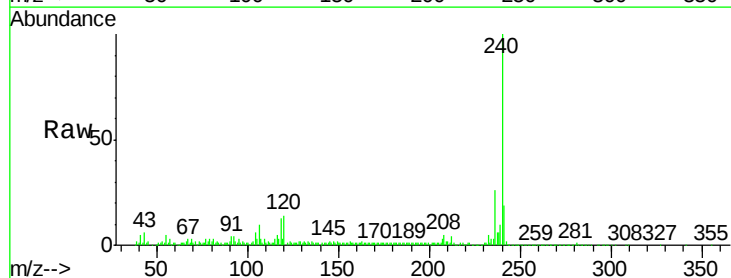
Manual Integrations
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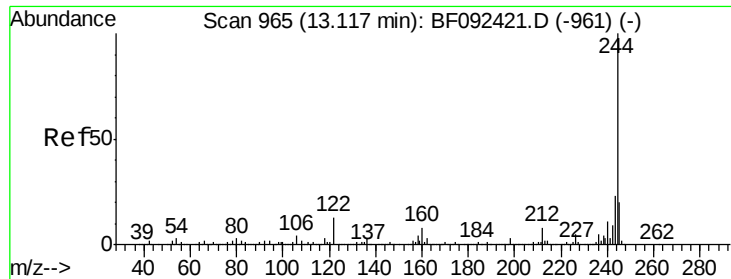
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	366121		
120	13.7		12.9	19.3
236	26.5		20.9	31.3





#78

Terphenyl-d14

Concen: 82.05 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

ClientSampleId :

MW-05

Tot Ion:244 Resp: 1128085

Ion Ratio Lower Upper

244 100

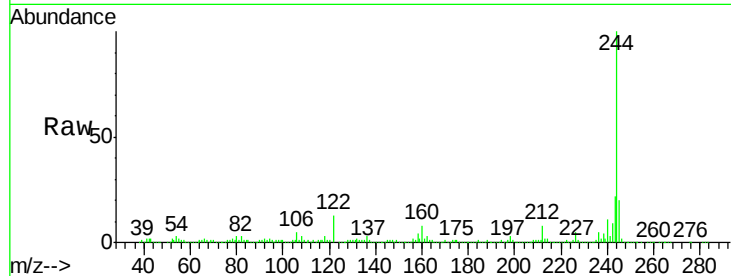
212 7.8 6.2 9.2

122 12.7 11.4 17.2

Manual Integrations
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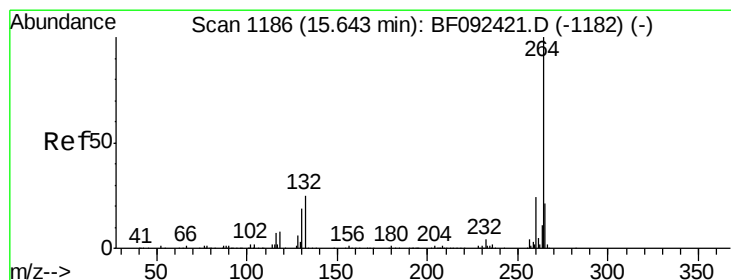
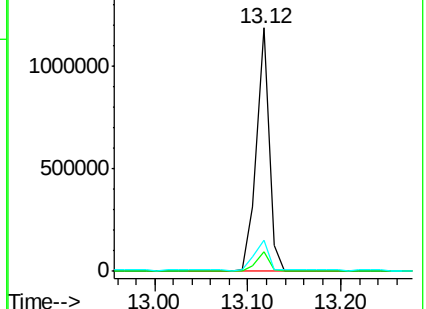
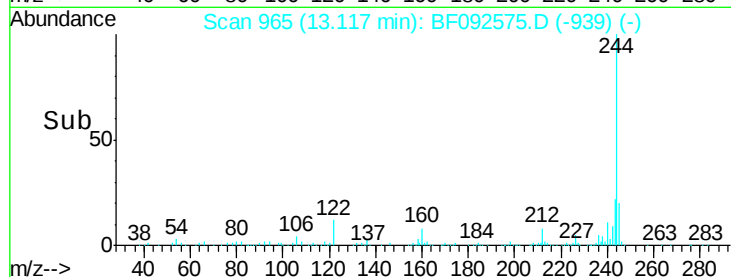
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

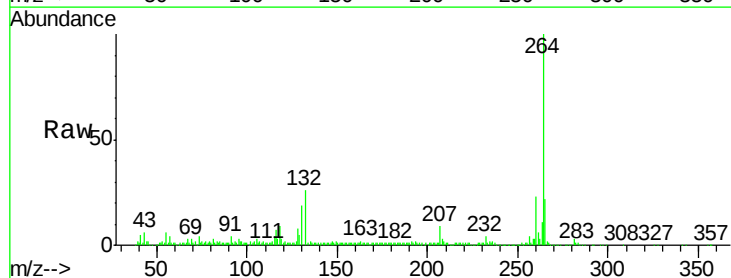
Tgt Ion:264 Resp: 359446

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 17.4 26.0



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

