

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097134.D
 Acq On : 27 Jul 2017 20:41
 Operator : SJ/JU
 Sample : I4422-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201-COMP

Manual Integrations
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 7/28/2017 4:46:49 PM

Quant Time: Jul 28 01:40:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	93701	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	400488	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	158263	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	257056	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	214114	20.00	ng	-0.02
86) Perylene-d12	14.96	264	181517	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	651001	104.73	ng	-0.01
7) Phenol-d6	6.15	99	784737	110.59	ng	-0.02
23) Nitrobenzene-d5	7.06	82	465743	68.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	140892	112.67	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	776407	83.26	ng	-0.02
78) Terphenyl-d14	12.57	244	542223	51.63	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	23705	2.816	ng	97
49) Dimethylphthalate	9.25	163	108601	9.036	ng	98

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

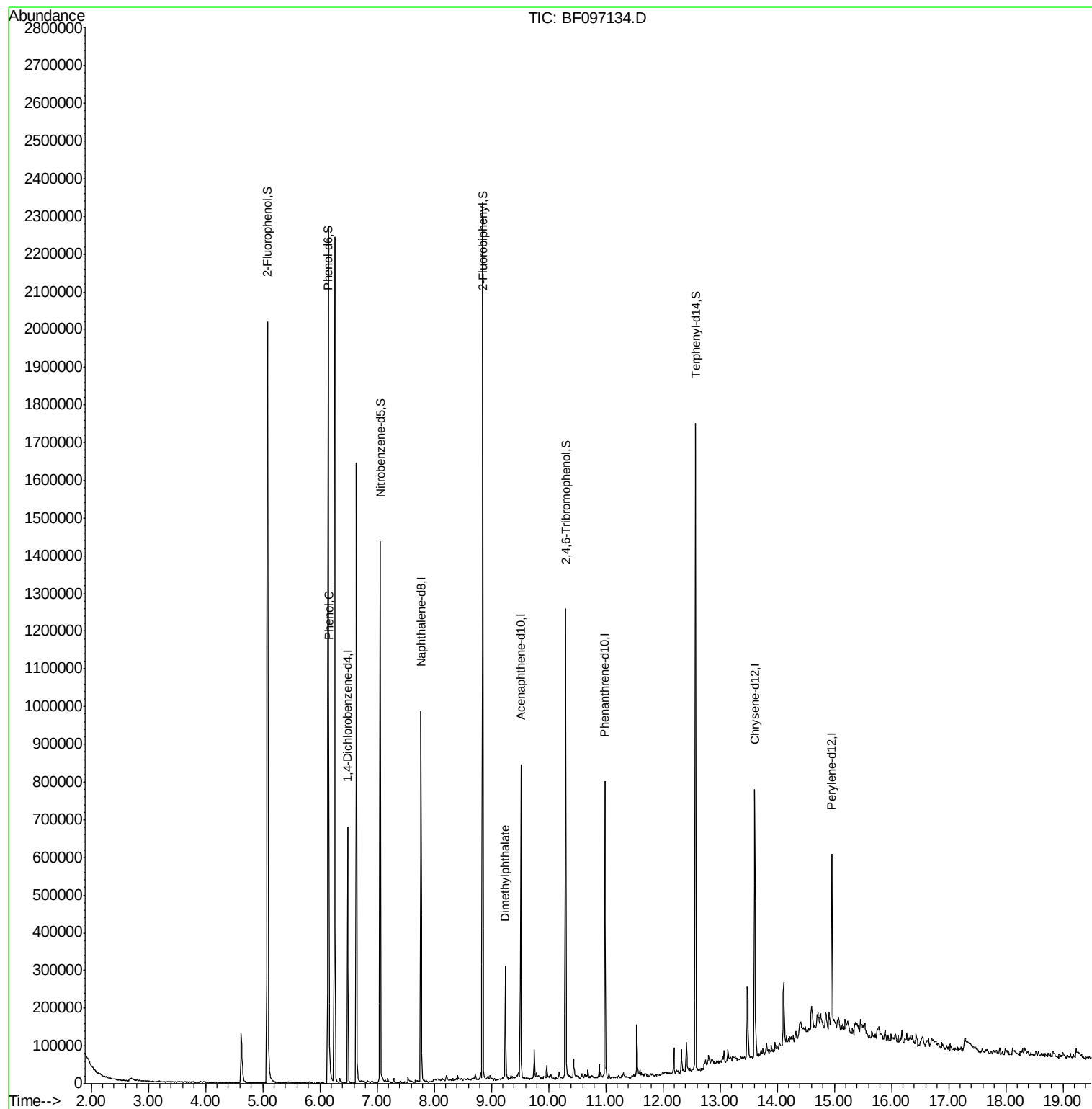
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097134.D
Acq On : 27 Jul 2017 20:41
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Sample : I4422-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

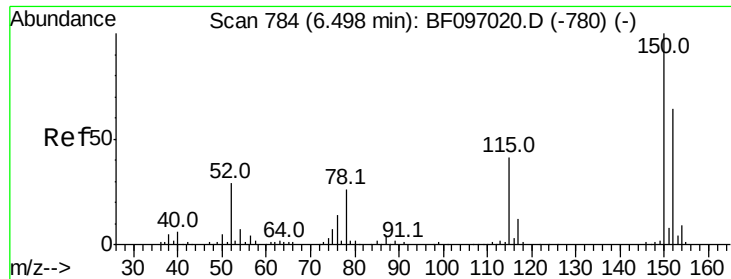
Instrument :
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#1

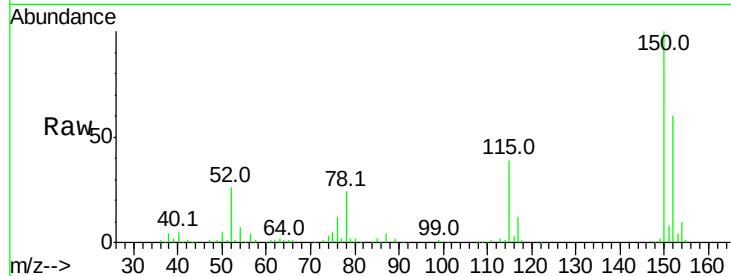
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-201-COMP

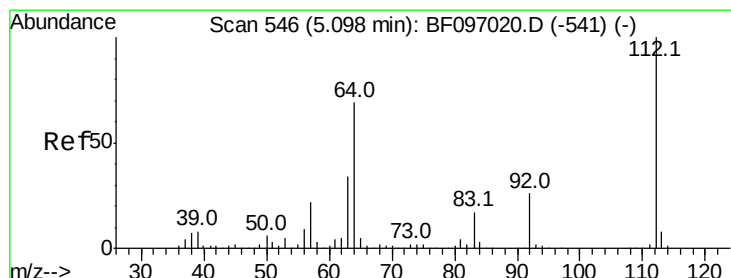
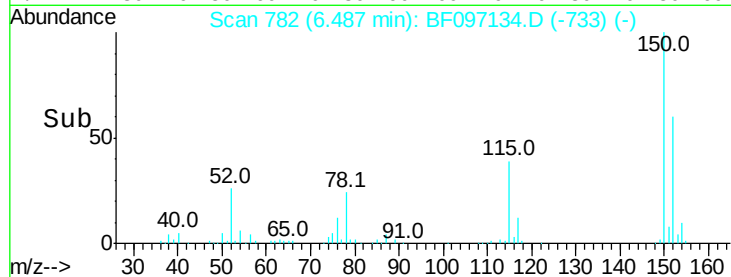
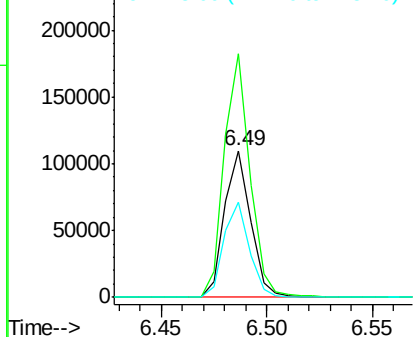
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.8	126.2	189.2
115	65.0	52.2	78.2

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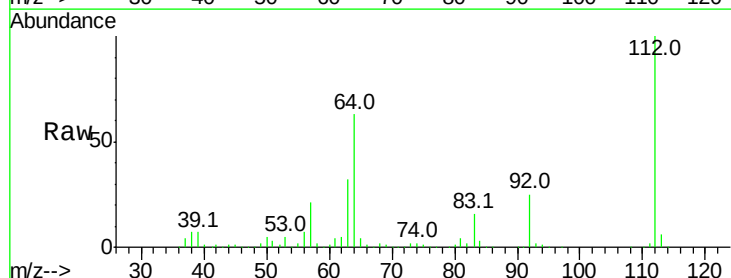
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



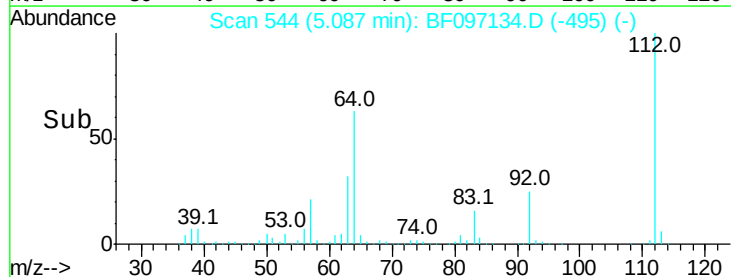
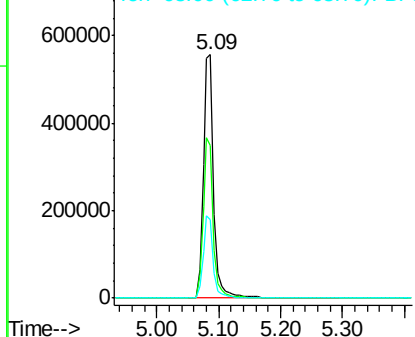
#5

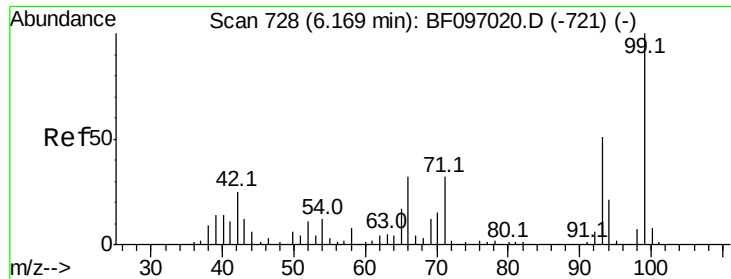
2-Fluorophenol
Concen: 104.735 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	32.1	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: 110.589 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097134.D

Acq: 27 Jul 2017 20:41

Instrument :

BNA_F

ClientSampled :

VNJ-201-COMP

Tot Ion: 99 Resp: 784737

Ion Ratio Lower Upper

99 100

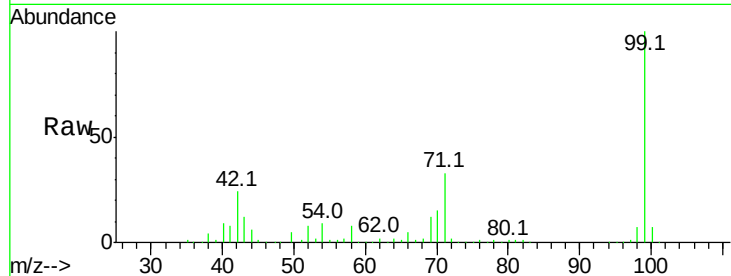
42 24.4 13.5 20.3#

71 33.4 24.5 36.7

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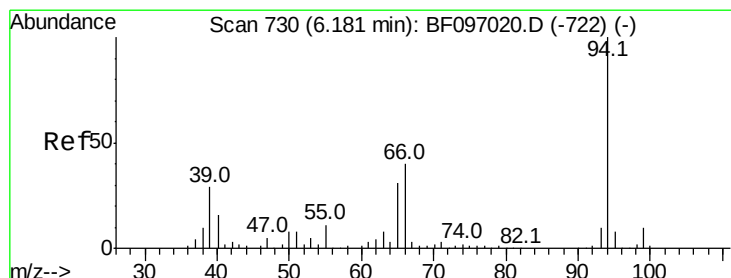
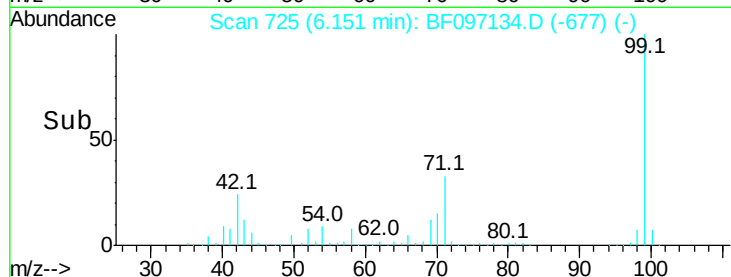
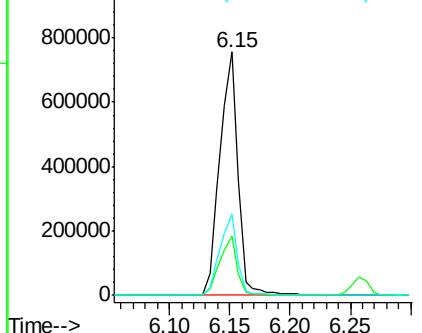
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.816 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097134.D

Acq: 27 Jul 2017 20:41

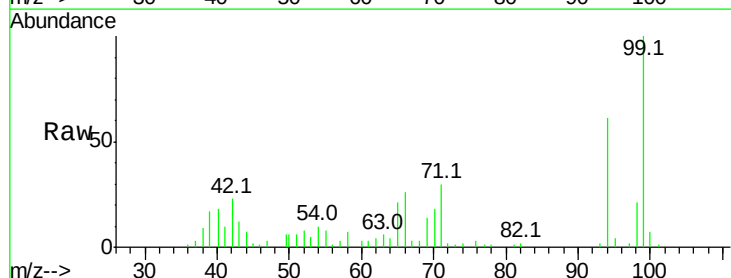
Tgt Ion: 94 Resp: 23705

Ion Ratio Lower Upper

94 100

65 34.2 9.9 49.9

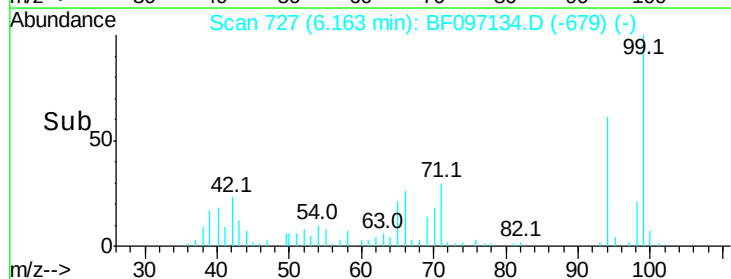
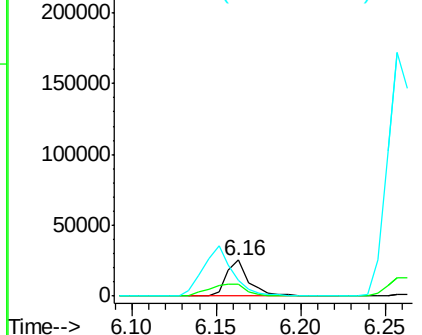
66 42.8 23.1 63.1

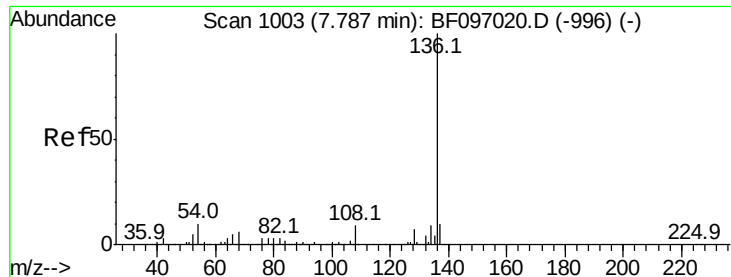


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





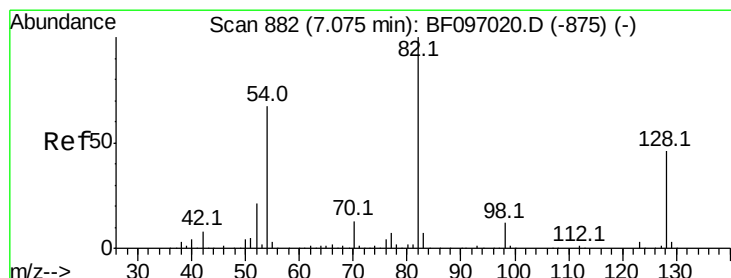
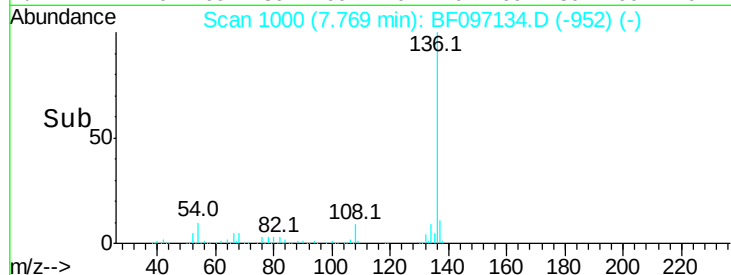
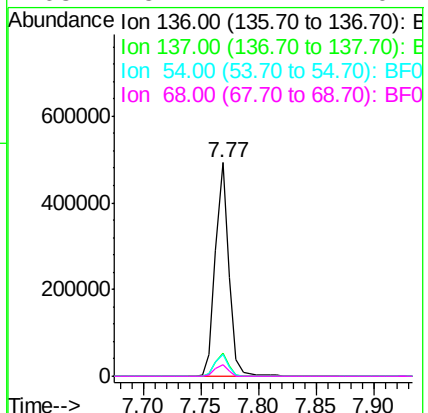
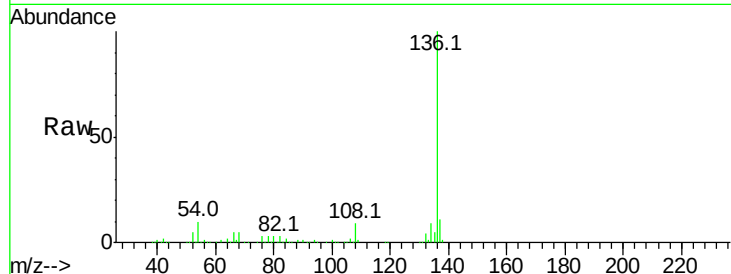
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-201-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	400488		
137	10.9		8.5	12.7
54	10.0		4.9	7.3#
68	5.1		4.1	6.1

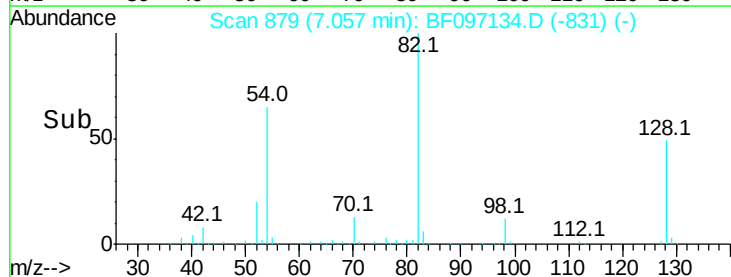
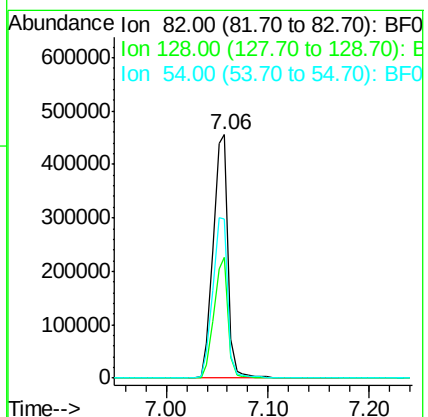
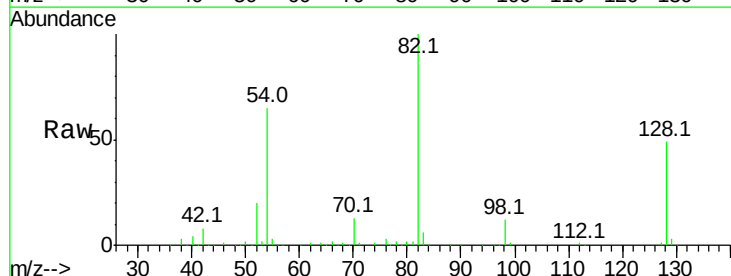
Manual Integrations
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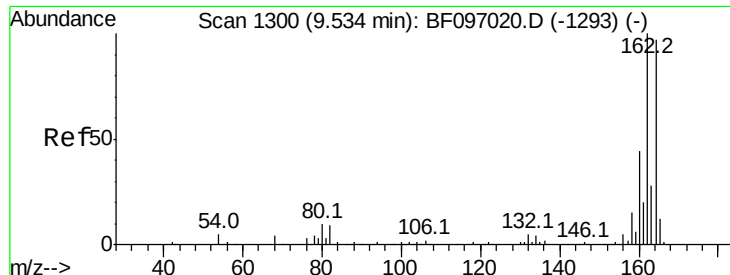
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#23
Nitrobenzene-d5
Concen: 68.223 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	465743		
128	49.4		34.0	51.0
54	65.1		42.2	63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097134.D

Acq: 27 Jul 2017 20:41

Instrument :

BNA_F

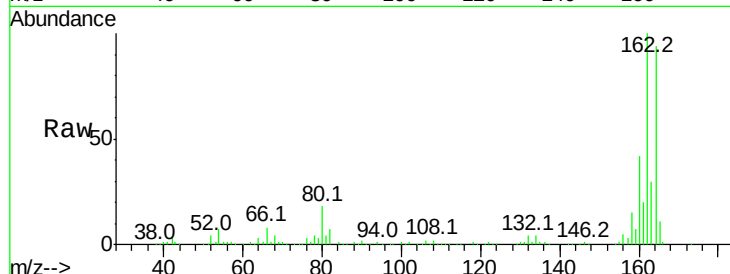
ClientSampled :

VNJ-201-COMP

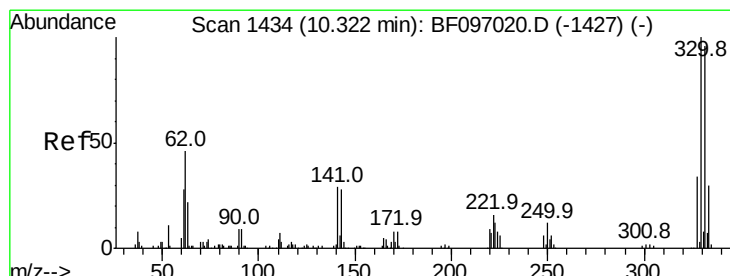
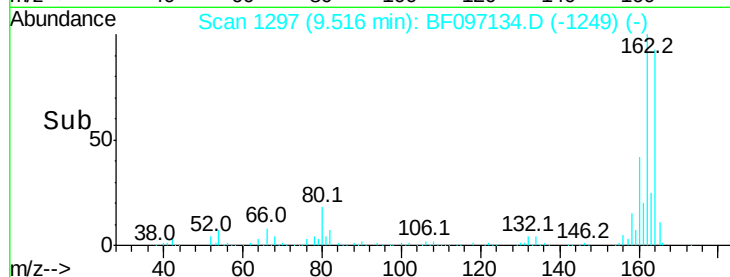
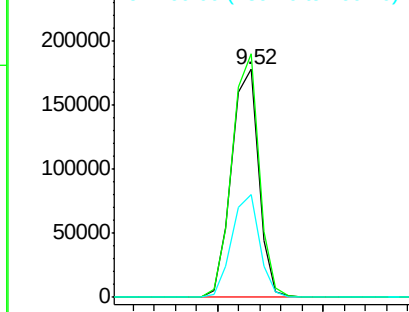
Tot Ion:	164	Resp:	158263
Ion Ratio	Lower	Upper	
164	100		
162	106.8	82.6	123.8
160	45.0	36.2	54.2

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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: 112.675 ng

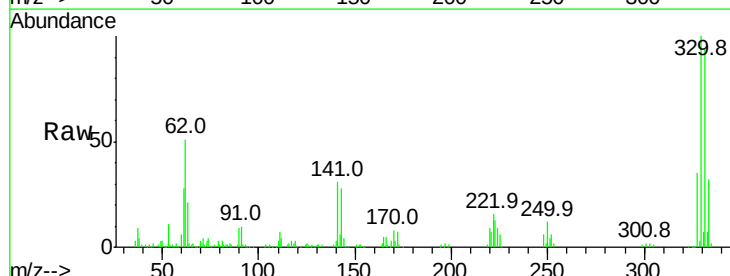
RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

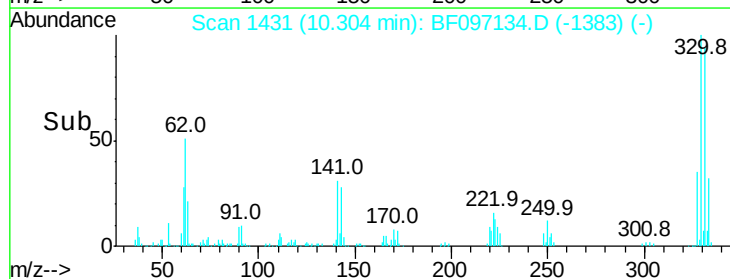
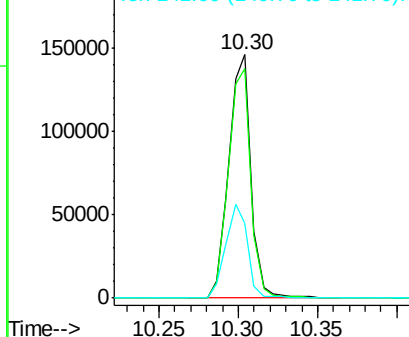
Lab File: BF097134.D

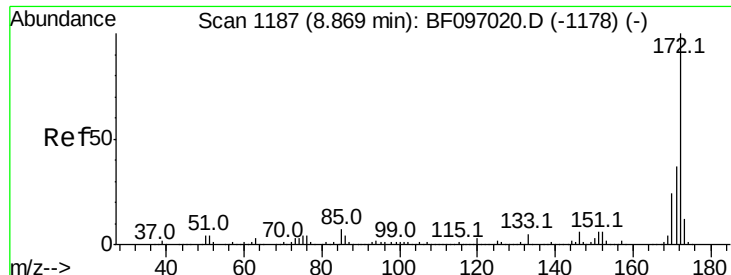
Acq: 27 Jul 2017 20:41

Tgt Ion:	330	Resp:	140892
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	115.0
141	38.5	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





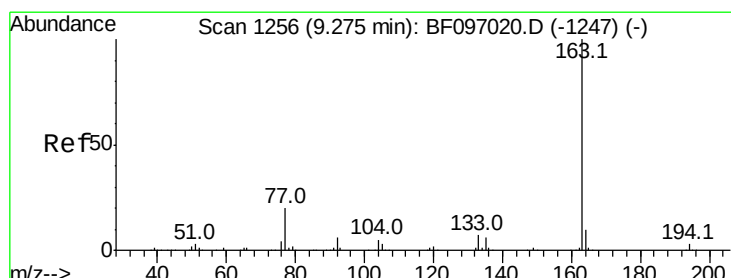
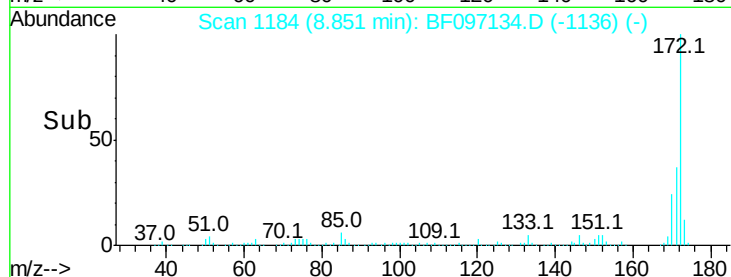
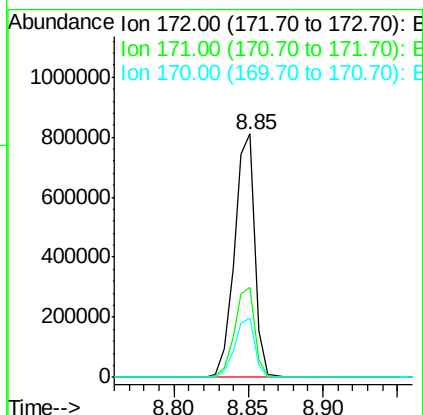
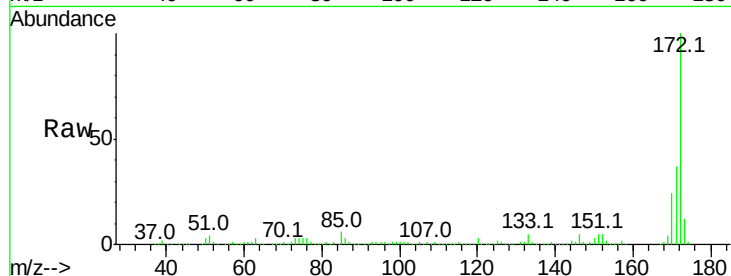
#44
2-Fluorobiphenyl
Concen: 83.256 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-201-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	29.6	44.4	
170	24.4	19.8	29.8	

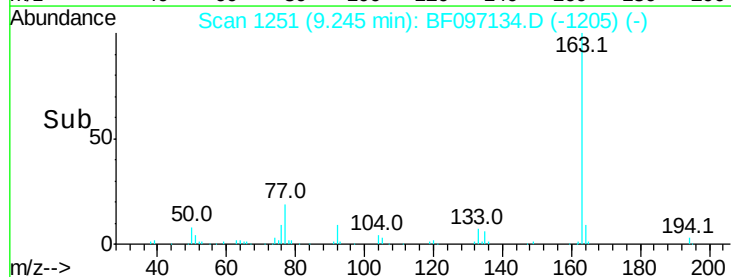
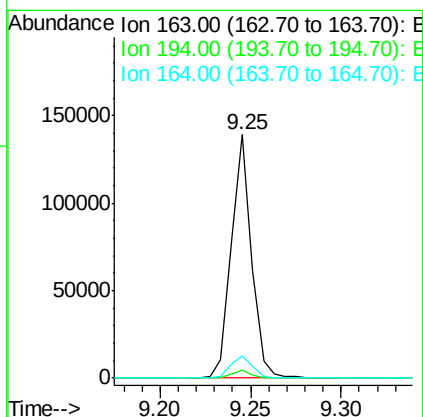
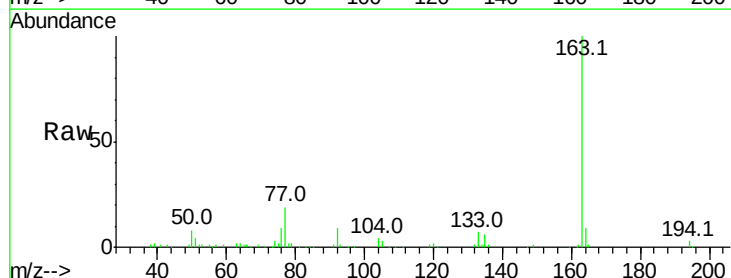
Manual Integrations
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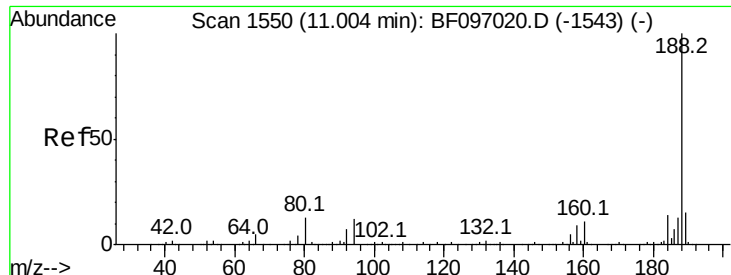
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#49
Dimethylphthalate
Concen: 9.036 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.3	8.4	12.6	





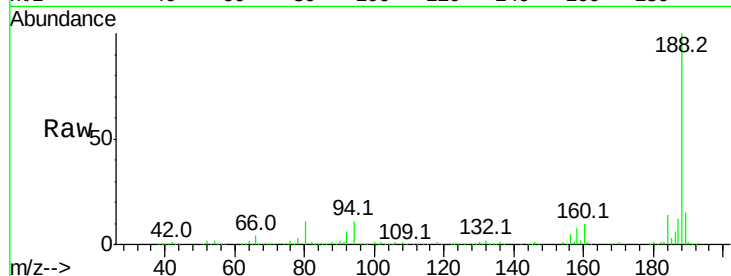
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-201-COMP

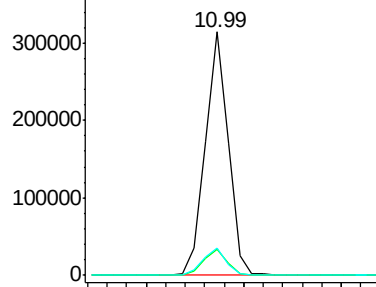
Tot Ion	Ratio	Resp	Lower	Upper
188	100	257056		
94	10.9		9.4	14.2
80	11.3		10.2	15.2

Manual Integrations
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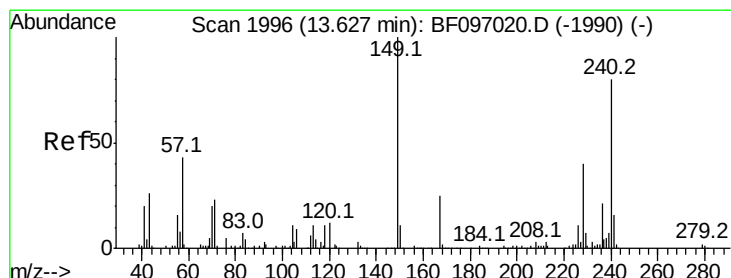
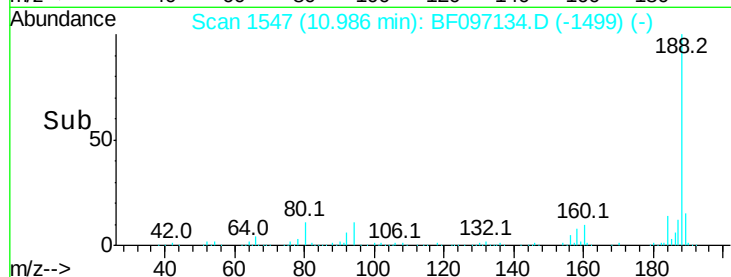
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

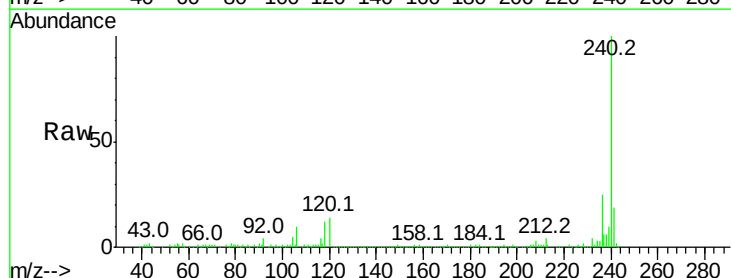


Time-->

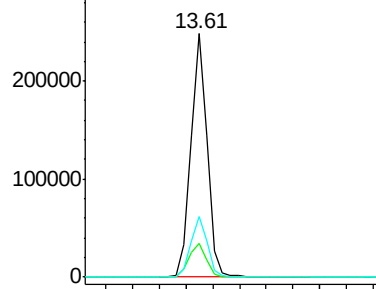


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097134.D
Acq: 27 Jul 2017 20:41

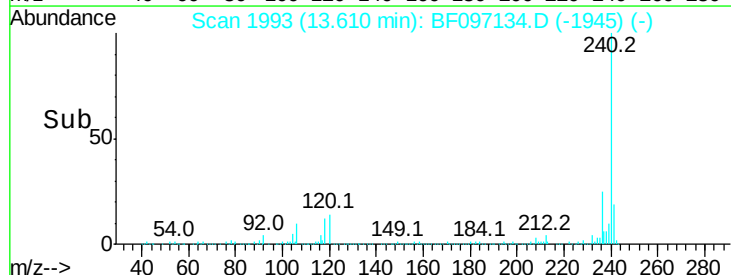
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	214114		
120	14.0		5.8	8.8#
236	25.0		20.5	30.7

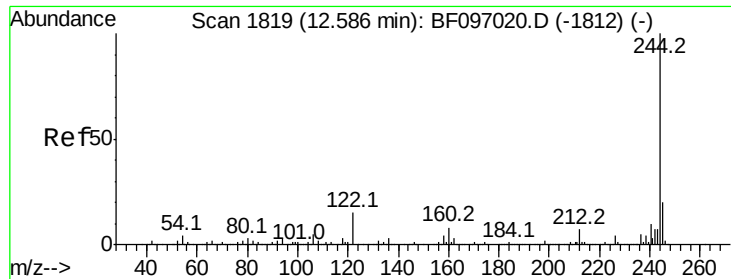


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 51.632 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097134.D

Acq: 27 Jul 2017 20:41

Instrument :

BNA_F

ClientSampleId :

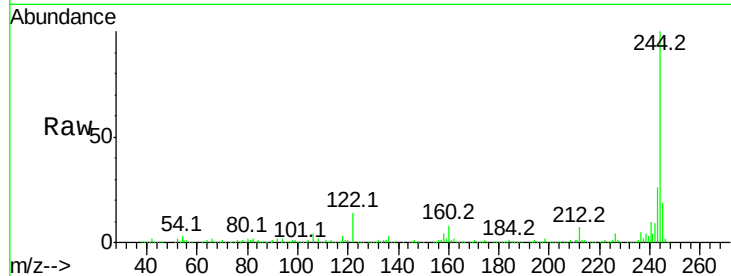
VNJ-201-COMP

Tot Ion:	244	Resp:	542223
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	13.7	10.3	15.5

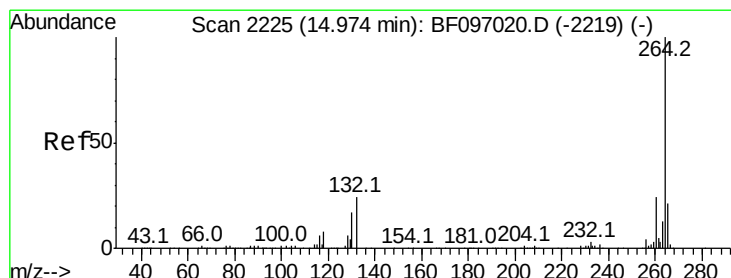
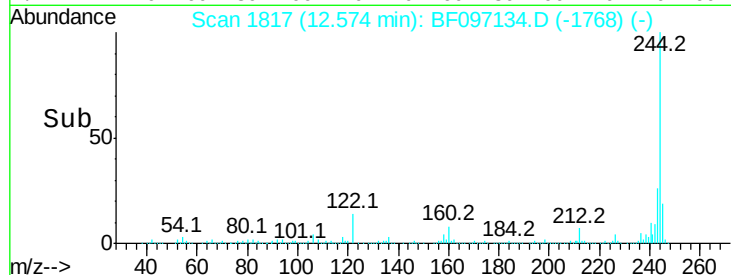
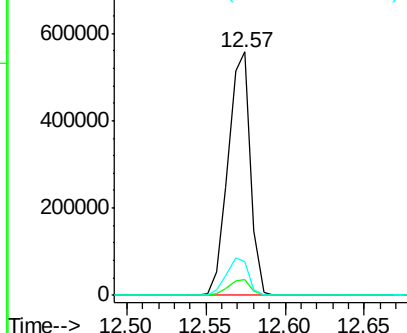
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

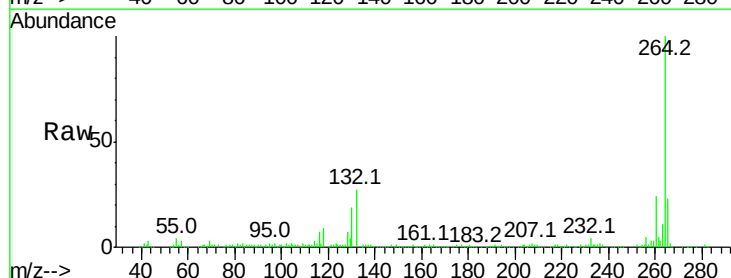
RT: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097134.D

Acq: 27 Jul 2017 20:41

Tgt Ion:	264	Resp:	181517
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	22.8	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

