

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084566.D
 Acq On : 20 Jan 2016 13:18
 Operator : SJ/UM
 Sample : H1178-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-2RE

Manual Integrations
 APPROVED

mohammad
 1/21/2016 12:19:47 PM

Quant Time: Jan 21 04:41:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	180956	20.00	ng	-0.05
21) Naphthalene-d8	8.08	136	474883	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	235456	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	404576	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	445045	20.00	ng	-0.05
86) Perylene-d12	15.36	264	408287	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1306098	116.75	ng	-0.06
7) Phenol-d6	6.43	99	1817601	129.36	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1197633	140.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	324241	136.40	ng	-0.02
44) 2-Fluorobiphenyl	9.16	172	1302340	98.29	ng	-0.03
78) Terphenyl-d14	12.91	244	1288067	64.60	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.80	142	168892	10.92	ng	# 77
49) Dimethylphthalate	9.56	163	462893	27.50	ng	# 95
70) Phenanthrene	11.37	178	227986m	10.77	ng	
77) Pyrene	12.77	202	190077m	5.44	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	73067	3.83	ng	# 93

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

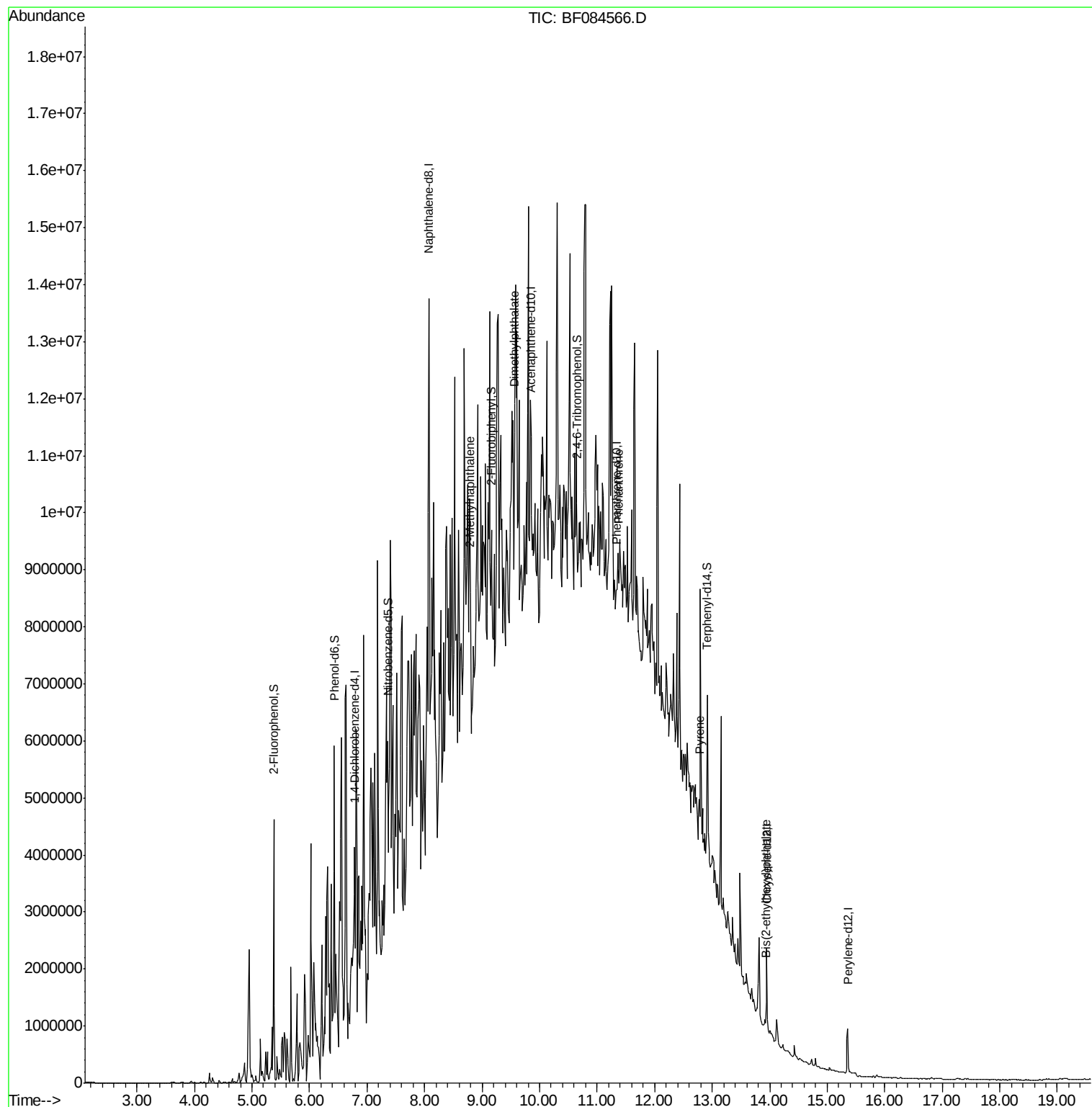
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084566.D
Acq On : 20 Jan 2016 13:18
Operator : SJ/UM
Sample : H1178-01RE
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Instrument :
BNA_F
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Manual Integrations
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Quant Time: Jan 21 04:41:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

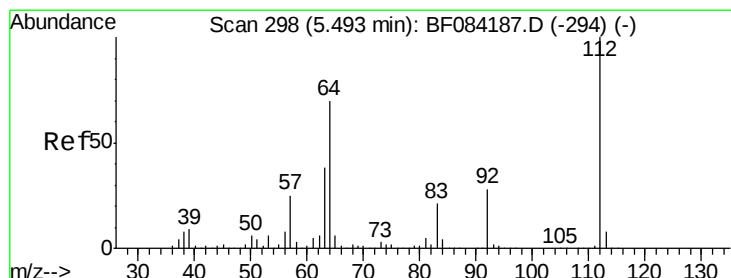
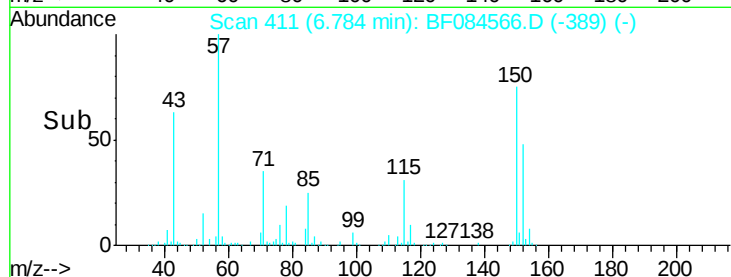
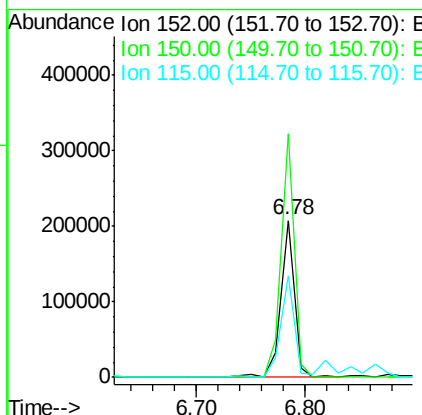
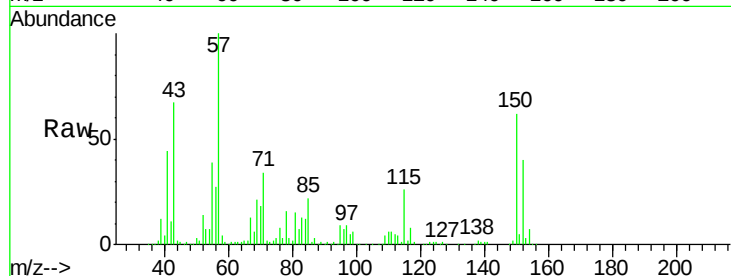
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084566.D
Acq: 20 Jan 2016 13:18

Instrument :
BNA_F
ClientSampleId :
A5-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	64.7	51.4	77.2

Manual Integrations
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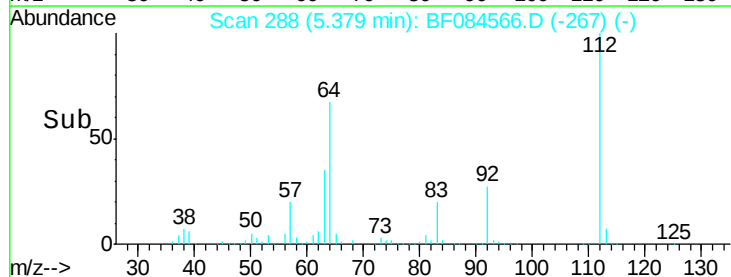
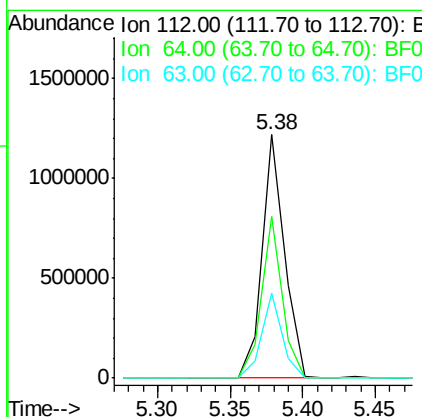
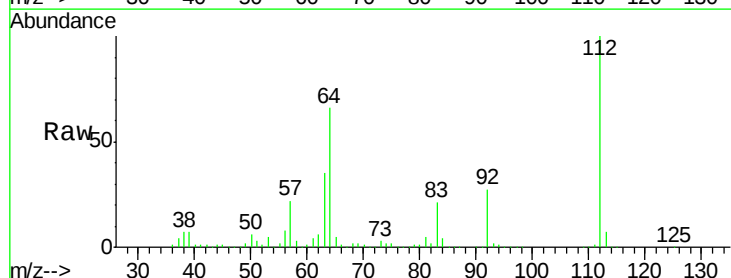
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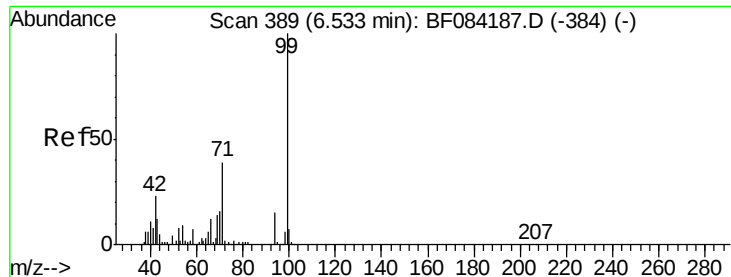


#5

2-Fluorophenol
Concen: 116.75 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.06 min
Lab File: BF084566.D
Acq: 20 Jan 2016 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	36.6	55.0#
63	35.0	19.4	29.0#





#7

Phenol-d6

Concen: 129.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

ClientSampleId :

A5-2RE

Tot Ion: 99 Resp: 1817601

Ion Ratio Lower Upper

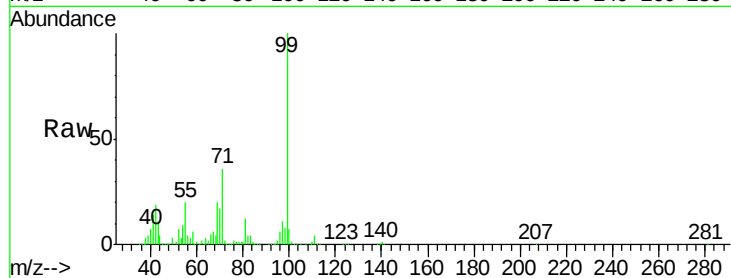
99 100

42 18.7 12.8 19.2

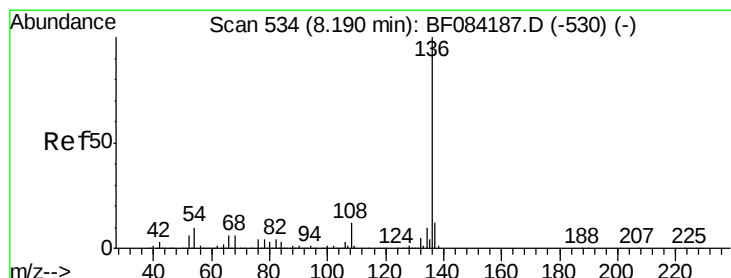
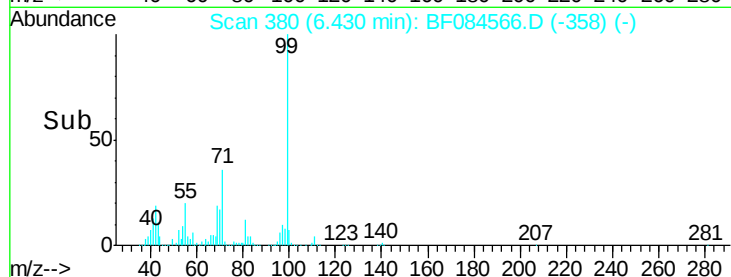
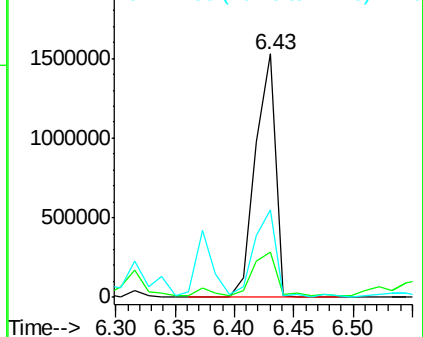
71 35.9 30.9 46.3

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Tgt Ion: 136 Resp: 474883

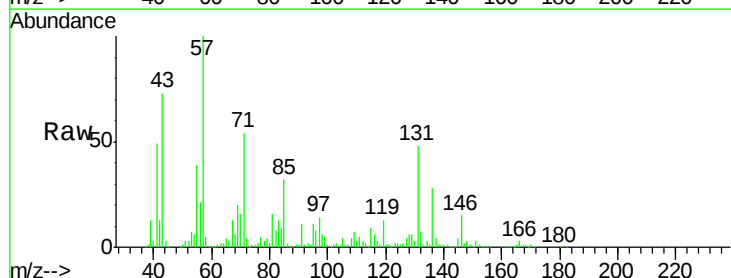
Ion Ratio Lower Upper

136 100

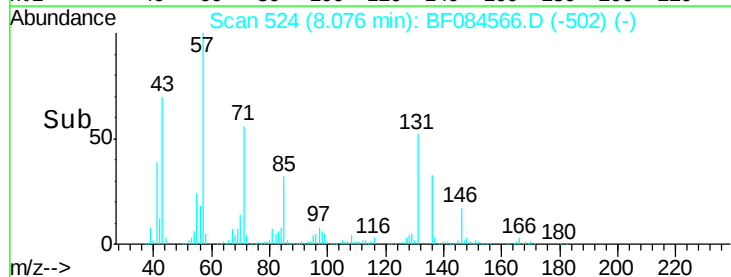
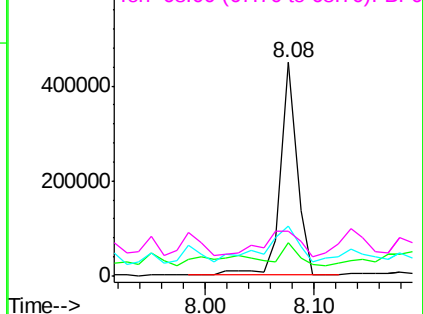
137 15.5 8.7 13.1#

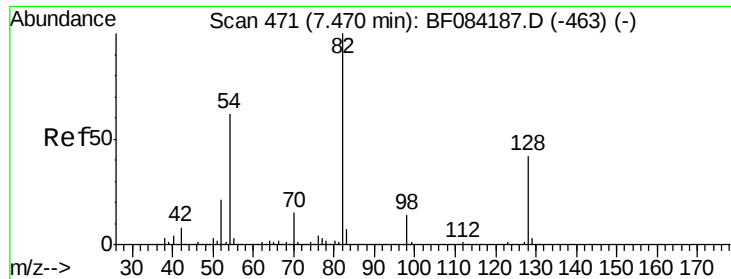
54 23.3 5.8 8.8#

68 20.9 4.2 6.2#



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





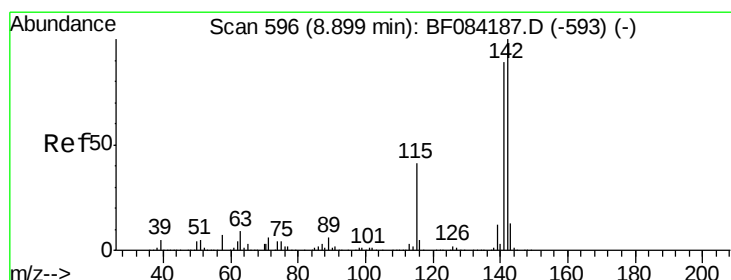
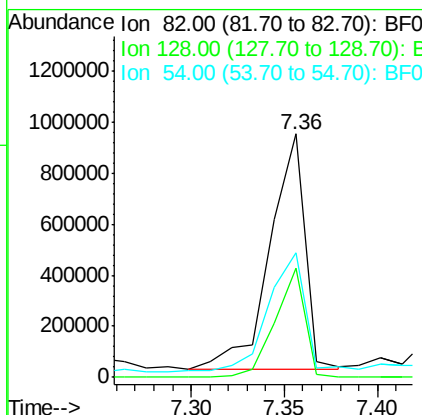
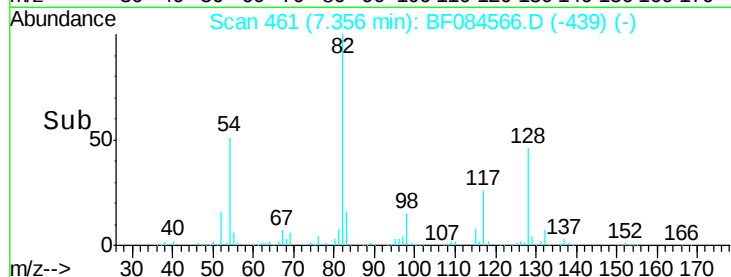
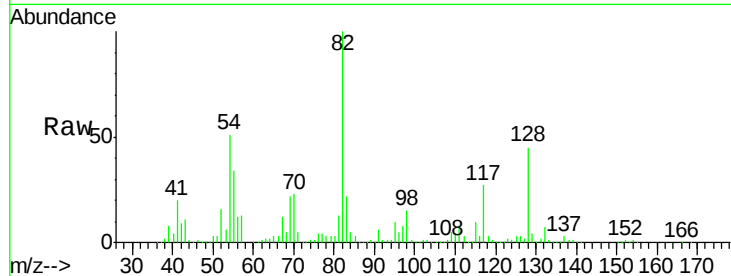
#23
Nitrobenzene-d5
Concen: 140.36 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084566.D
Acq: 20 Jan 2016 13:18

Instrument :
BNA_F
ClientSampleId :
A5-2RE

Tot Ion: 82 Resp: 1197633
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 51.2 38.4 57.6

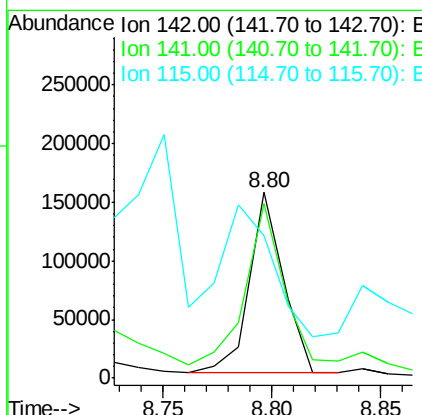
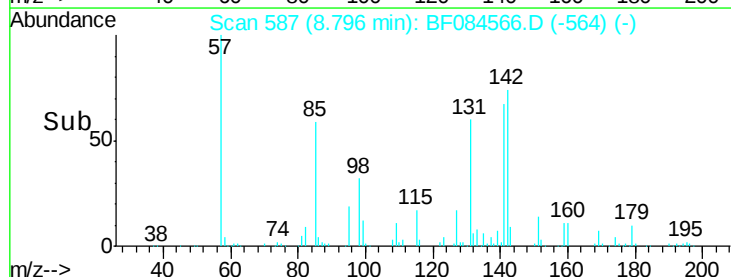
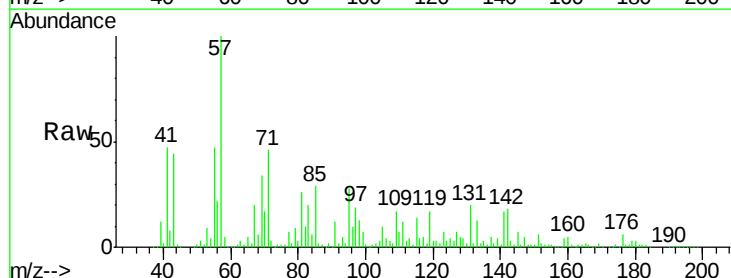
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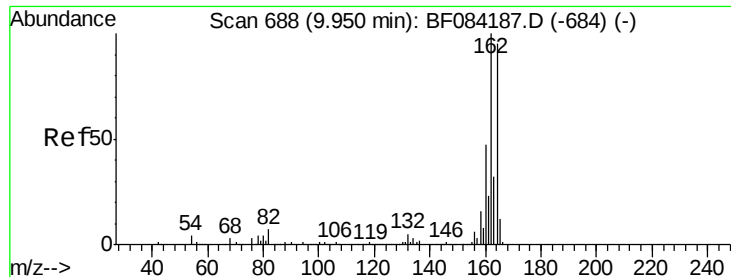
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#37
2-Methylnaphthalene
Concen: 10.92 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084566.D
Acq: 20 Jan 2016 13:18

Tgt Ion: 142 Resp: 168892
Ion Ratio Lower Upper
142 100
141 94.0 72.4 108.6
115 76.9 27.9 41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

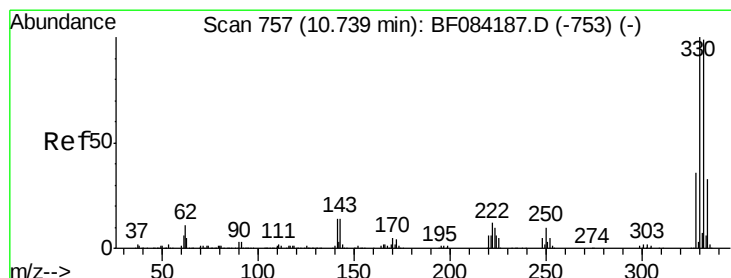
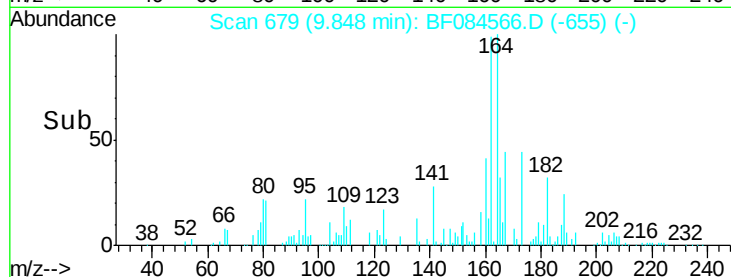
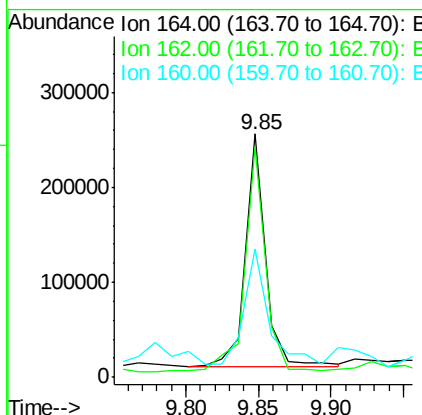
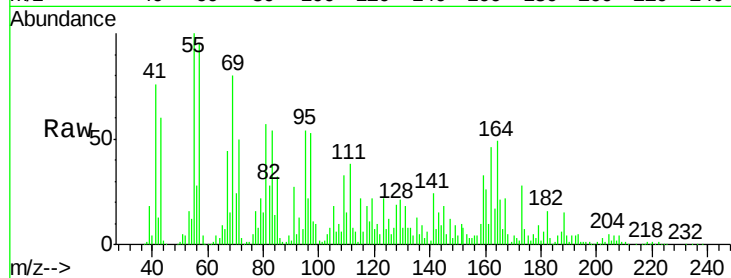
ClientSampleId :

A5-2RE

Tot Ion:	164	Resp:	235456
Ion Ratio	Lower	Upper	
164	100		
162	95.0	85.1	127.7
160	52.9	37.5	56.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 136.40 ng

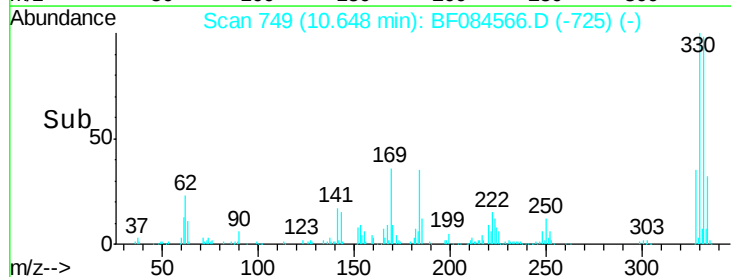
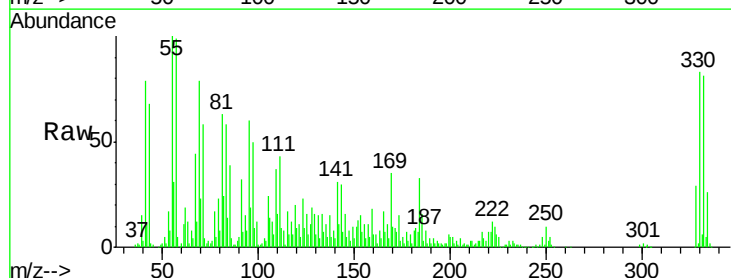
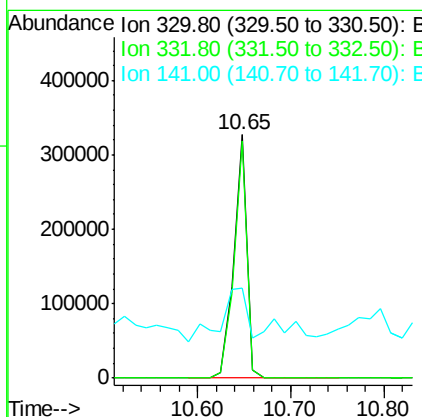
RT: 10.65 min Scan# 749

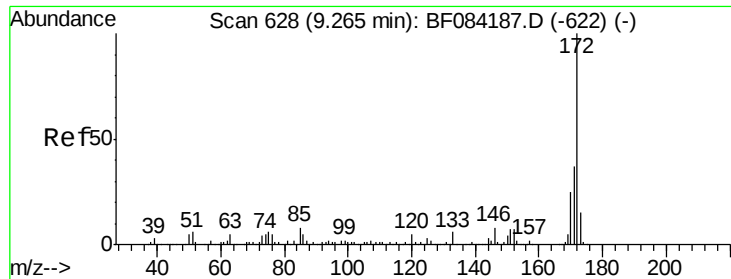
Delta R.T. -0.02 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Tgt Ion:	330	Resp:	324241
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	114.8
141	44.8	27.8	41.6#





#44

2-Fluorobiphenyl

Concen: 98.29 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.03 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

ClientSampleId :

A5-2RE

Tot Ion:172 Resp: 1302340

Ion Ratio Lower Upper

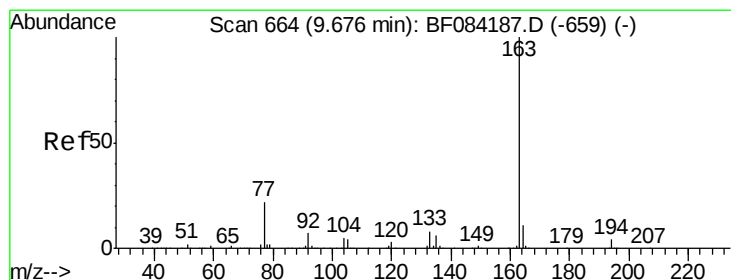
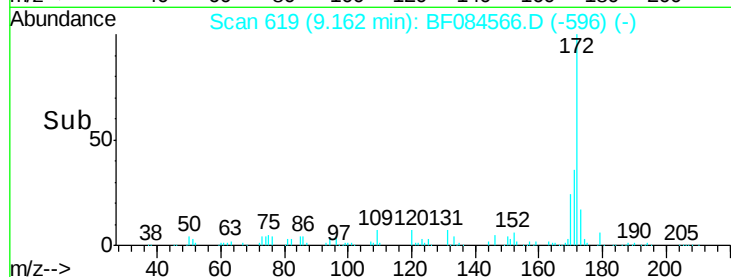
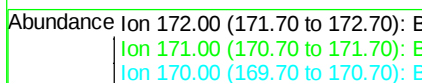
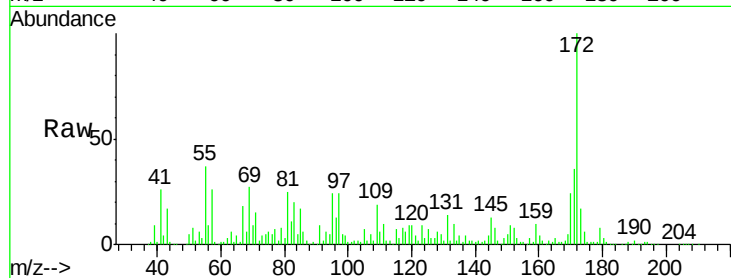
172 100

171 36.3 28.9 43.3

170 24.3 18.6 27.8

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#49

Dimethylphthalate

Concen: 27.50 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

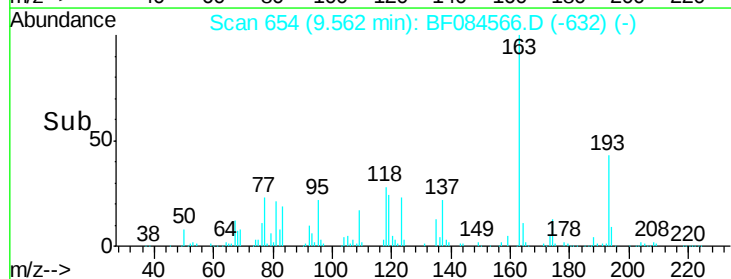
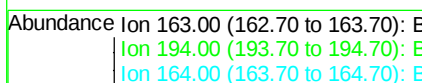
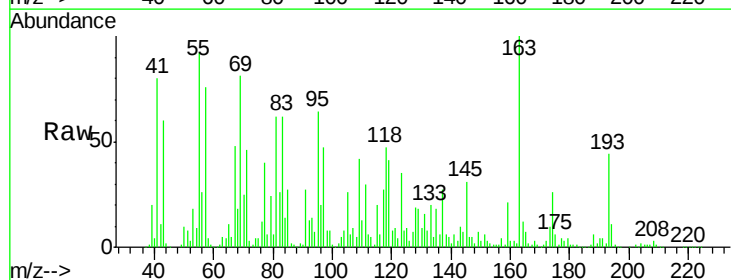
Tgt Ion:163 Resp: 462893

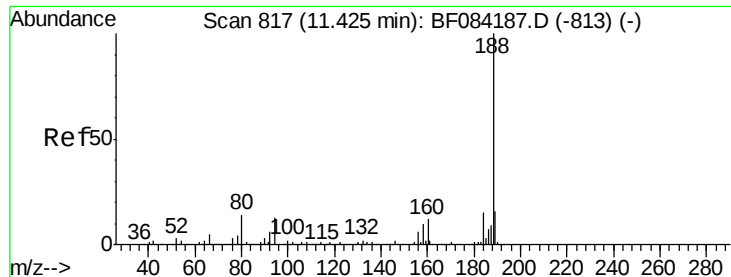
Ion Ratio Lower Upper

163 100

194 11.5 8.0 12.0

164 12.3 8.0 12.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

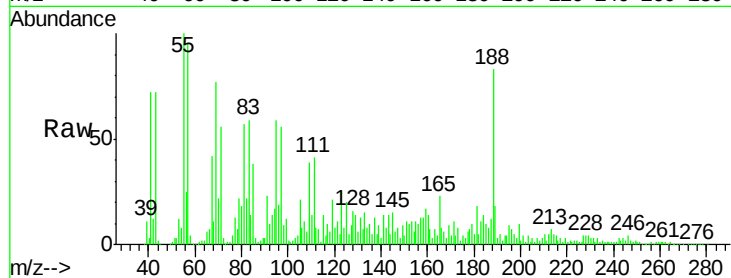
ClientSampleId :

A5-2RE

Tot Ion:	188	Resp:	404576
Ion Ratio	Lower	Upper	
188	100		
94	20.7	9.0	13.4#
80	21.2	9.6	14.4#

Manual Integrations
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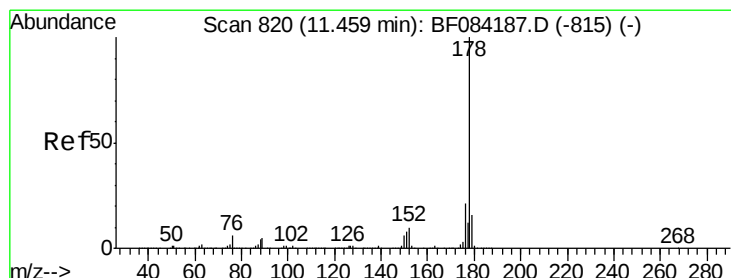
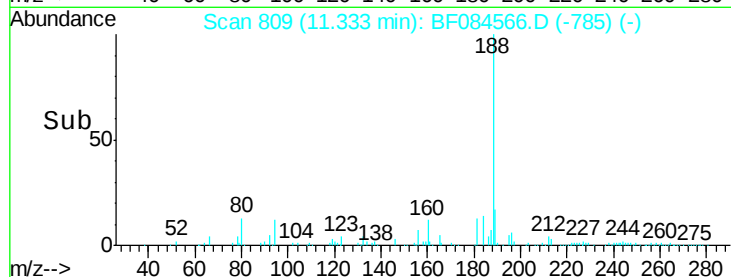
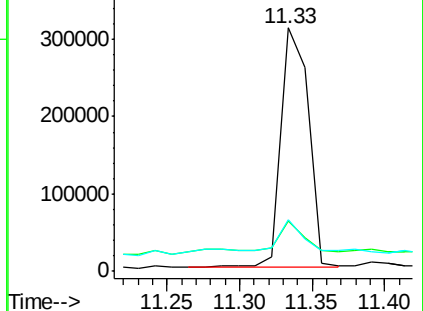
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 10.77 ng m

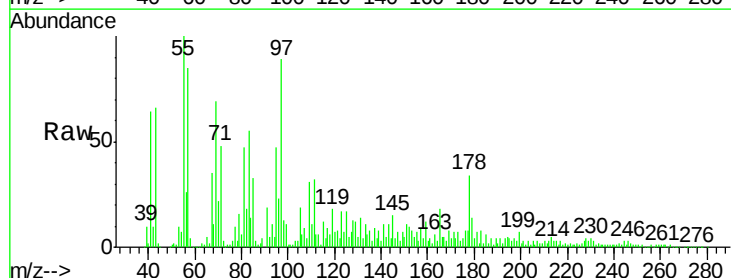
RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

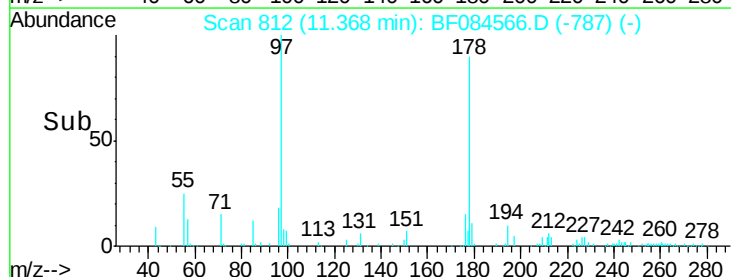
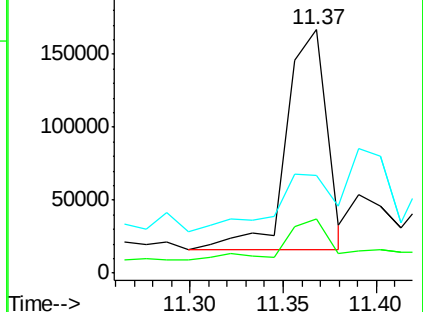
Tgt Ion:	178	Resp:	227986
Ion Ratio	Lower	Upper	
178	100		
176	22.0	15.3	22.9
179	40.2	12.0	18.0#

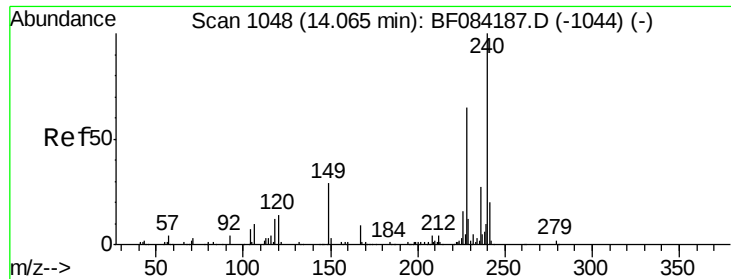


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

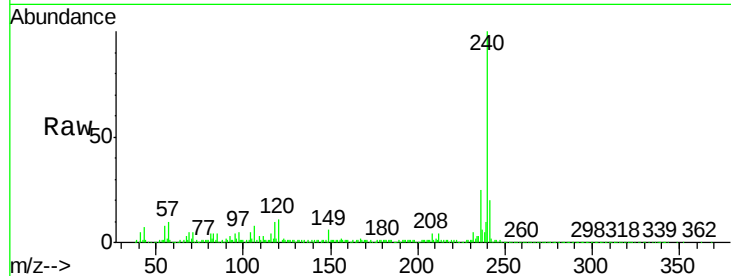
ClientSampleId :

A5-2RE

Tot Ion:	240	Resp:	445045
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.2	20.6	31.0

Manual Integrations
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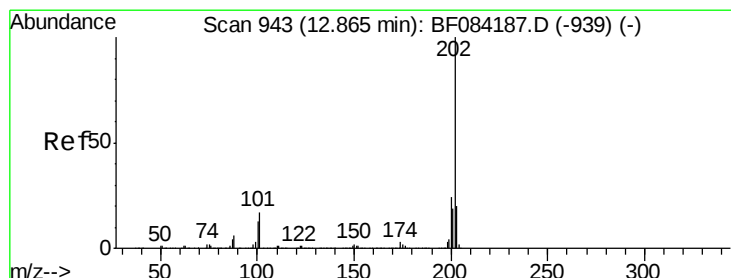
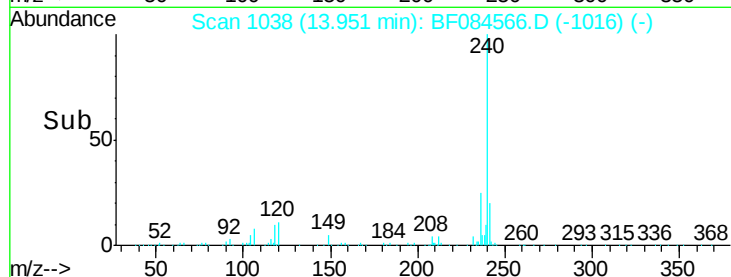
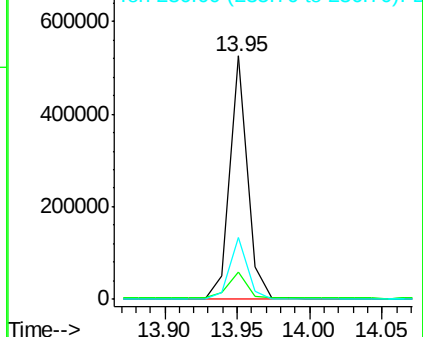
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.44 ng m

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084566.D

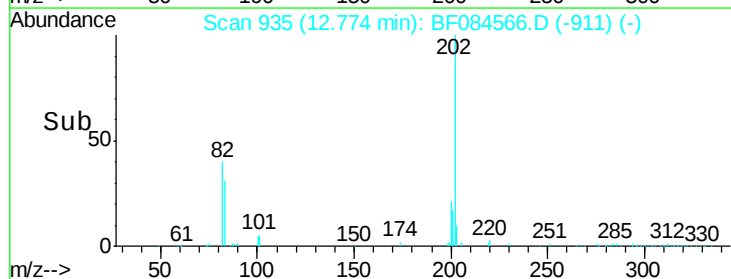
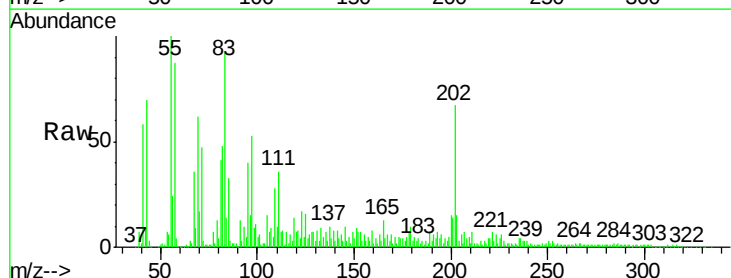
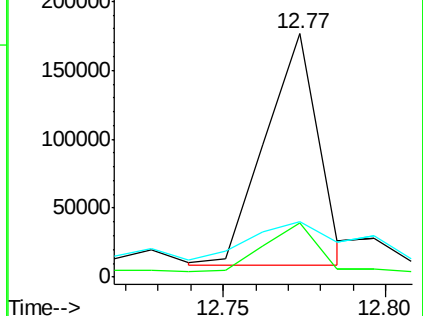
Acq: 20 Jan 2016 13:18

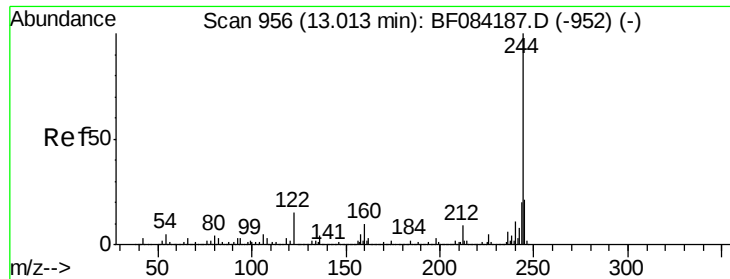
Tgt Ion:	202	Resp:	190077
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.2	25.8
203	22.6	14.3	21.5#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.60 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

Instrument :

BNA_F

ClientSampleId :

A5-2RE

Tot Ion:244 Resp: 1288067

Ion Ratio Lower Upper

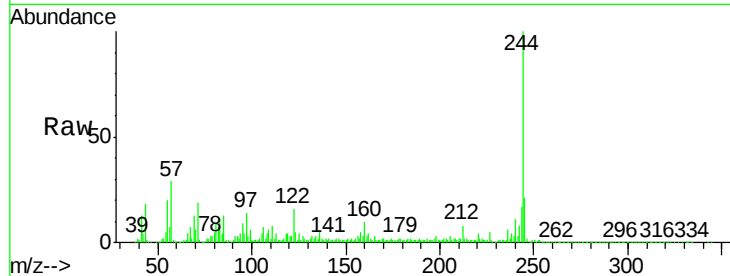
244 100

212 7.9 5.7 8.5

122 16.1 7.4 11.0#

Manual Integrations
APPROVED

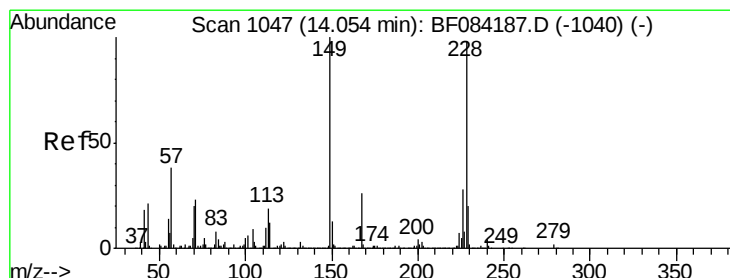
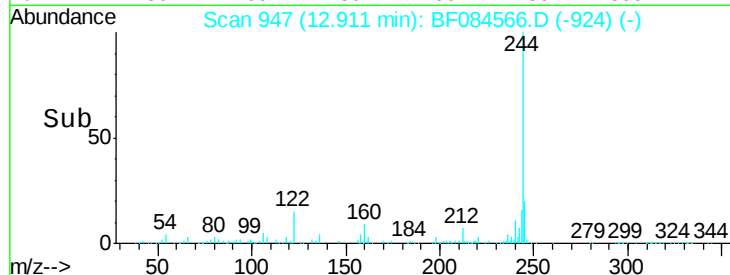
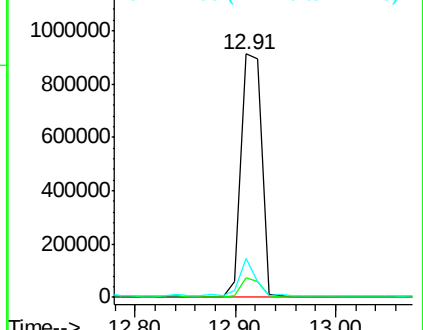
mohammad
1/21/2016 12:19:47 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.83 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084566.D

Acq: 20 Jan 2016 13:18

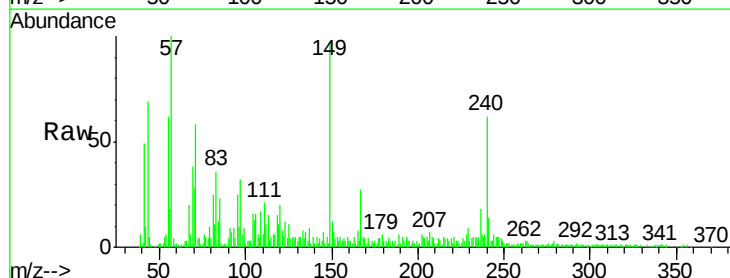
Tgt Ion:149 Resp: 73067

Ion Ratio Lower Upper

149 100

167 28.0 19.7 29.5

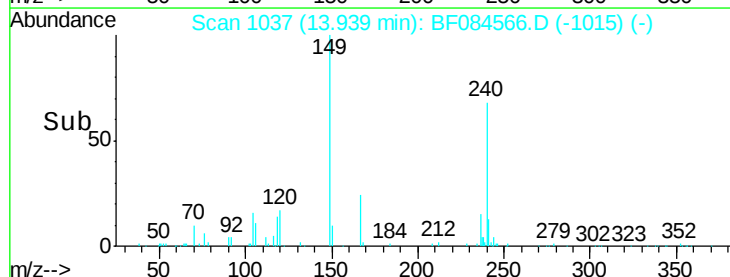
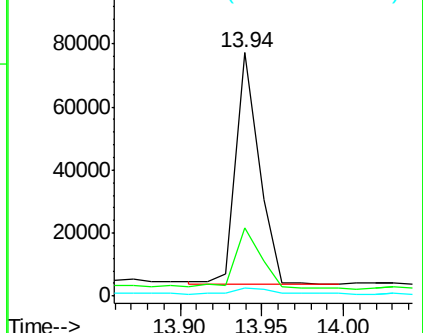
279 3.1 1.8 2.6#

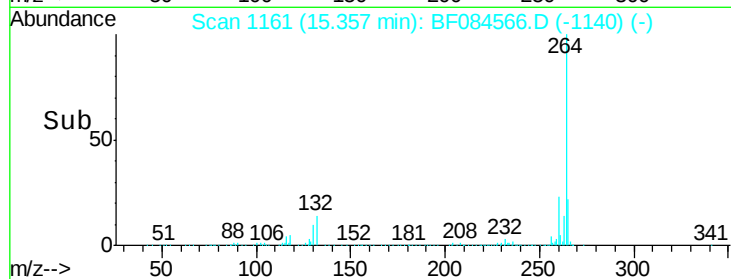
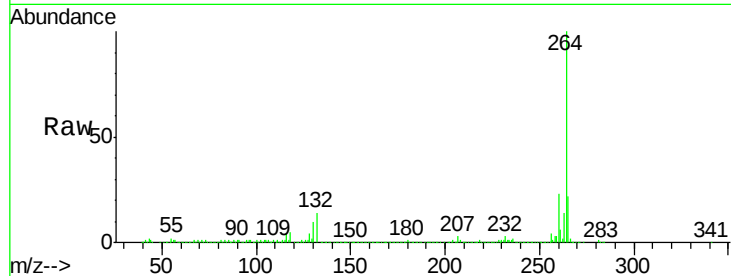
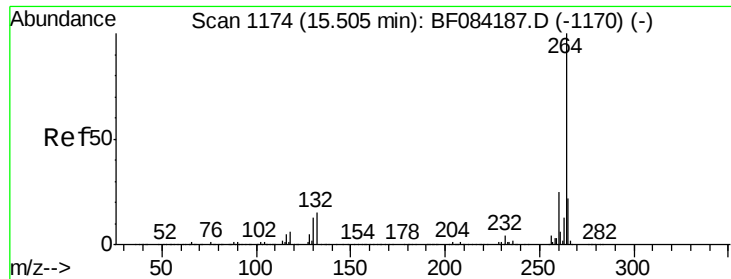


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084566.D
 Acq: 20 Jan 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 A5-2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.0	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 1/21/2016 12:19:47 PM

