

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084590.D
 Acq On : 22 Jan 2016 15:36
 Operator : SJ/IZ
 Sample : H1185-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAB

Manual Integrations
 APPROVED

mohammad
 1/25/2016 2:58:51 PM

Quant Time: Jan 22 23:46:55 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	6.74	152	188442m	20.00	ng	-0.09
21) Naphthalene-d8	8.03	136	813032	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	344341	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	649663	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	440866	20.00	ng	-0.10
86) Perylene-d12	15.29	264	385129	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	14744	1.27	ng	-0.10
7) Phenol-d6	6.40	99	15241	1.04	ng	-0.08
23) Nitrobenzene-d5	7.31	82	37264	2.55	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	4333	1.25	ng	-0.10
44) 2-Fluorobiphenyl	9.10	172	63854	-3.31	ng	-0.09
78) Terphenyl-d14	12.85	244	57377	2.91	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	6.86	79	169064	13.74	ng	# 54
32) Benzoic acid	7.78	122	19756	8.21	ng	97
49) Dimethylphthalate	9.50	163	60822	2.47	ng	# 94
76) Benzidine	12.50	184	79749	5.05	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.89	149	89538	4.73	ng	# 99

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

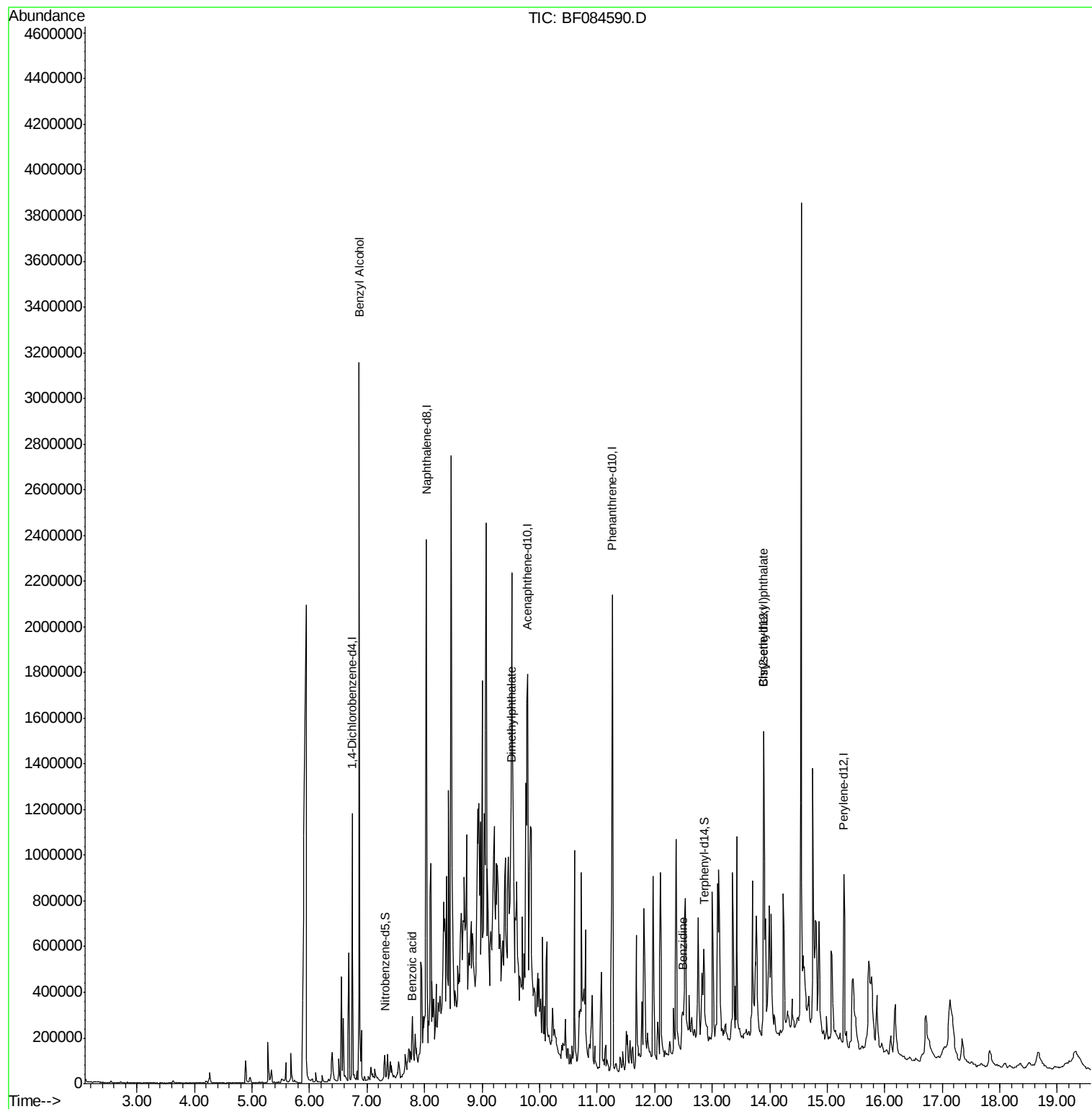
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084590.D
Acq On : 22 Jan 2016 15:36
Operator : SJ/IZ
Sample : H1185-01 5X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jan 22 23:46:55 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

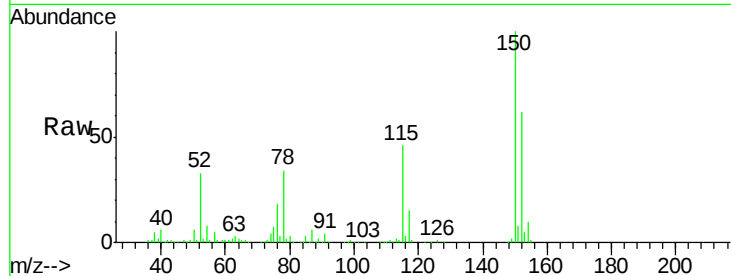
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.74 min Scan# 407
Delta R.T. -0.09 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Instrument :
BNA_F
ClientSampled :
GRAB

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.0	184.4
115	74.8	51.4	77.2

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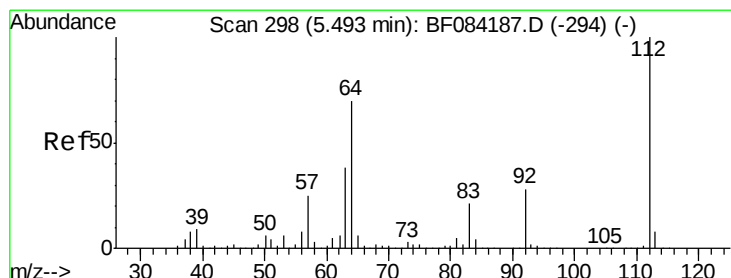
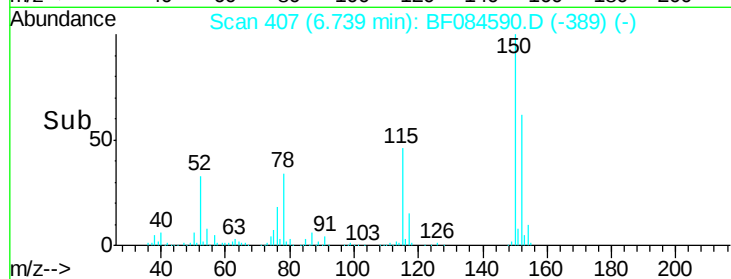
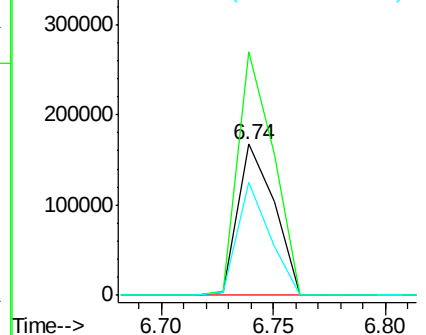


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

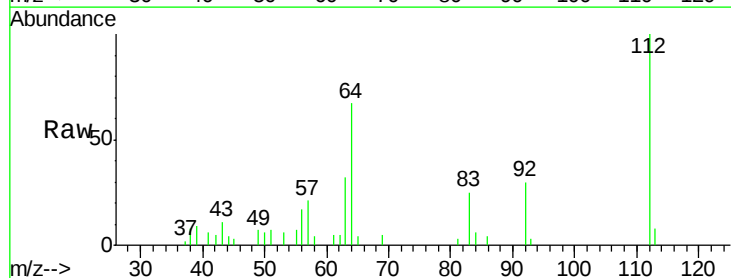
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.27 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	36.6	55.0#
63	32.3	19.4	29.0#

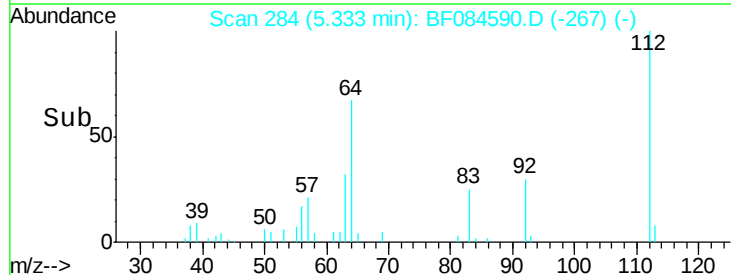
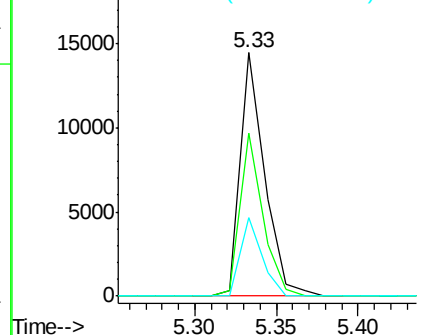


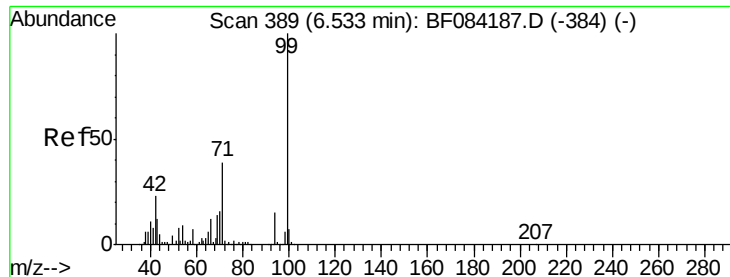
Abundance

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: 1.04 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

Instrument :

BNA_F

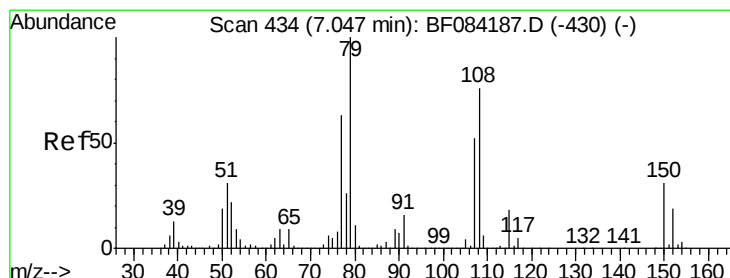
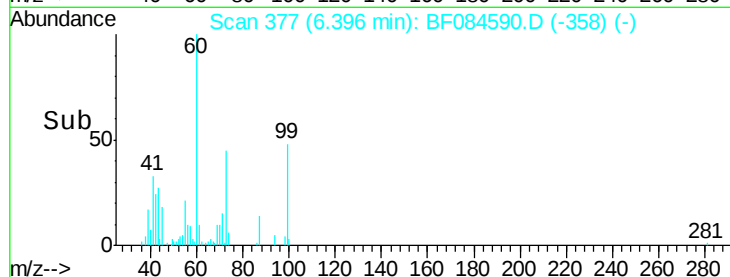
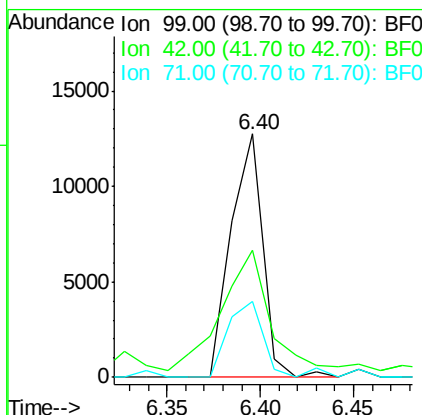
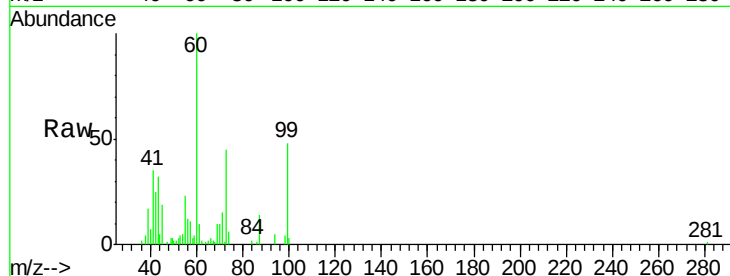
ClientSampleId :

GRAB

Tot Ion:	99	Resp:	15241
Ion Ratio	Lower	Upper	
99	100		
42	52.4	12.8	19.2#
71	31.3	30.9	46.3

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#15

Benzyl Alcohol

Concen: 13.74 ng

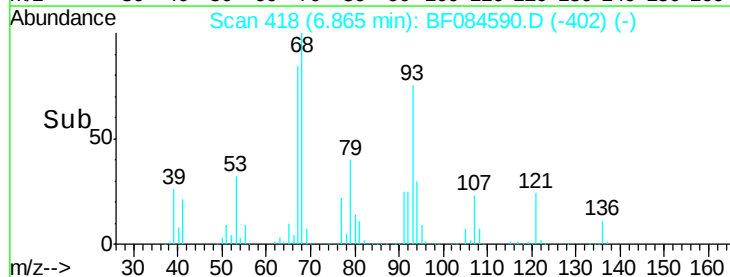
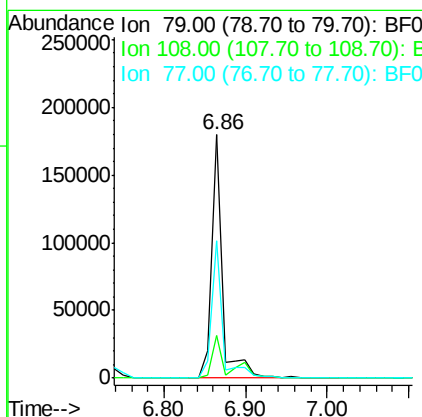
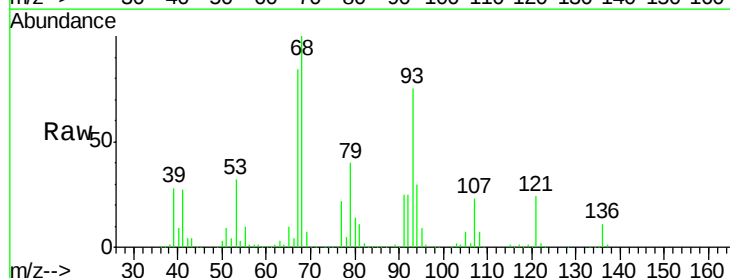
RT: 6.86 min Scan# 418

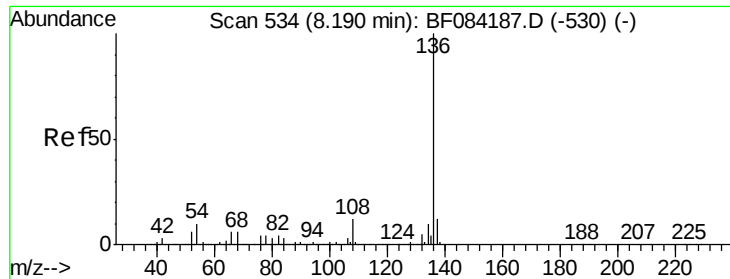
Delta R.T. -0.11 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

Tgt Ion:	79	Resp:	169064
Ion Ratio	Lower	Upper	
79	100		
108	17.5	69.0	103.4#
77	56.7	50.0	75.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

Instrument :

BNA_F

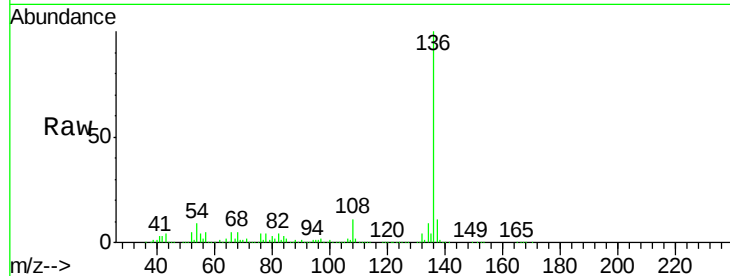
ClientSampleId :

GRAB

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.5	5.8	8.8
68	5.4	4.2	6.2

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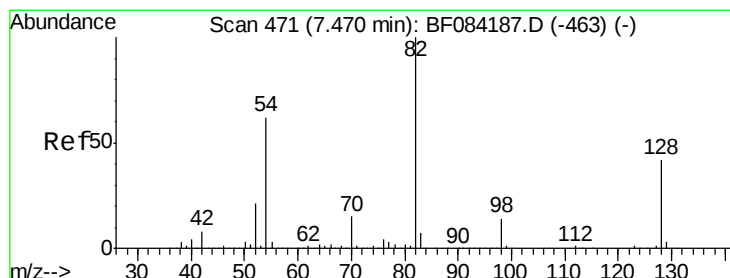
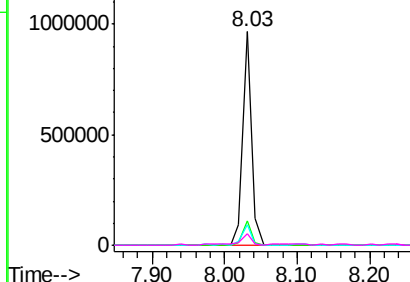
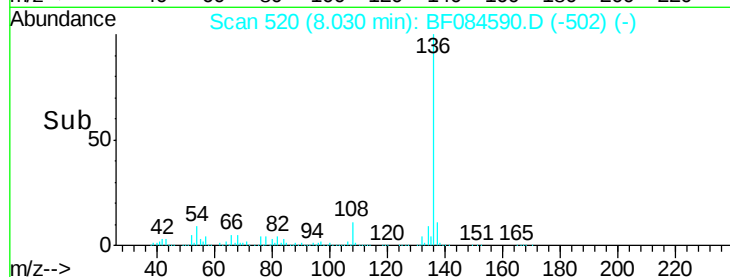
Abundance Ion 136.00 (135.70 to 136.70): E

1500000

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: 2.55 ng

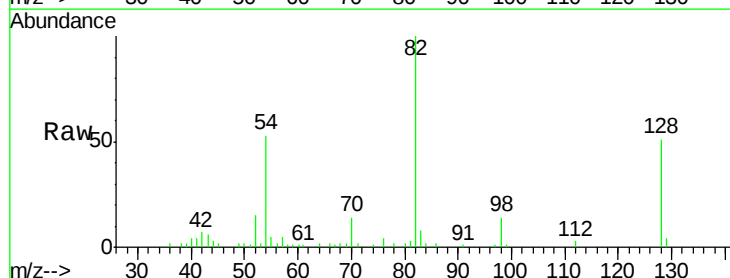
RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.4	34.6	51.8
54	52.9	38.4	57.6

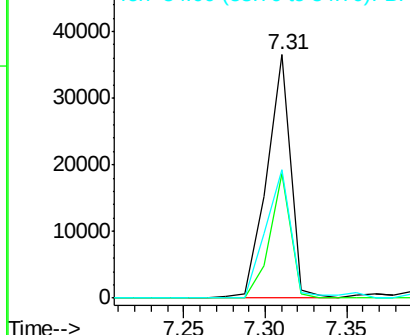
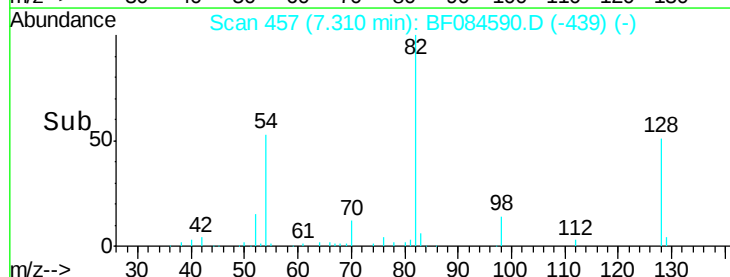


Abundance Ion 82.00 (81.70 to 82.70): BF0

50000

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





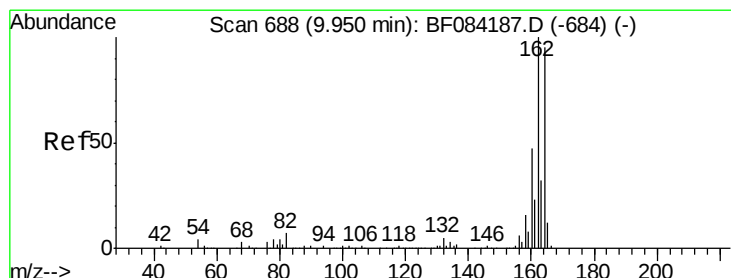
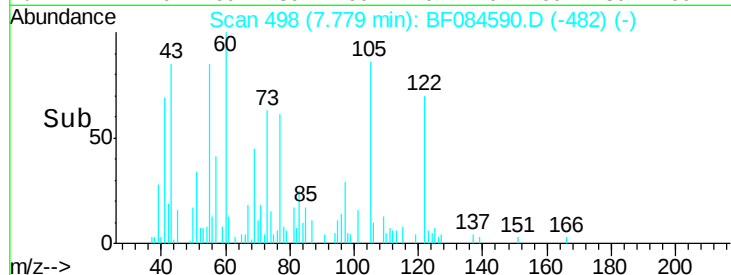
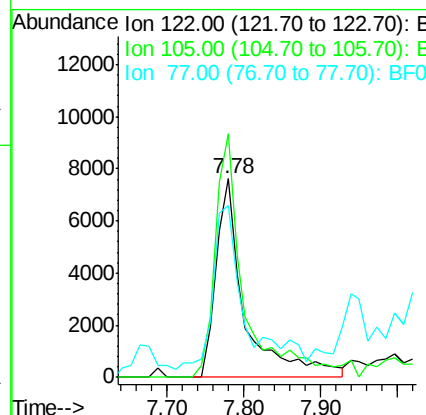
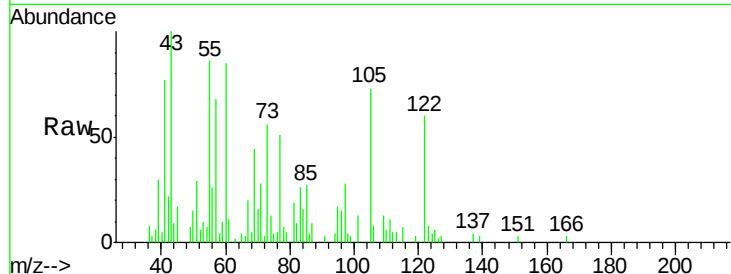
#32
Benzoic acid
Concen: 8.21 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.11 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Instrument :
BNA_F
ClientSampleId :
GRAB

Tot Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	86.4	63.5	103.5

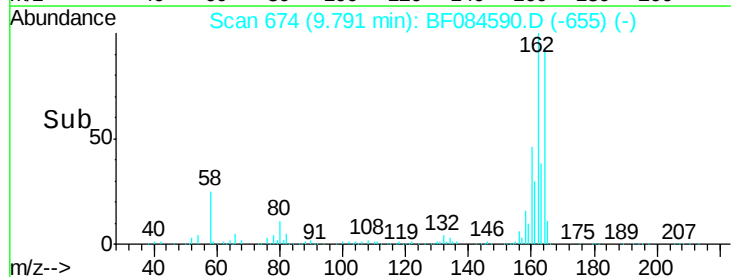
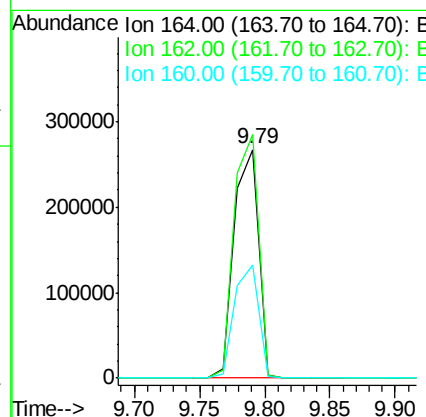
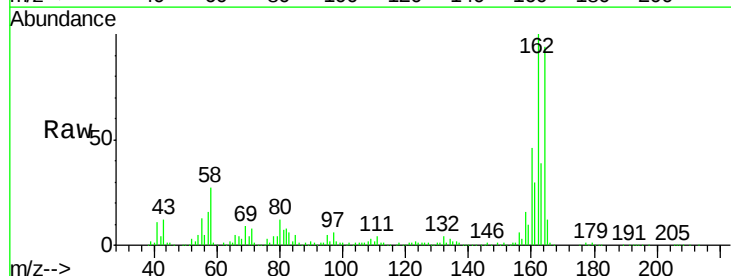
Manual Integrations
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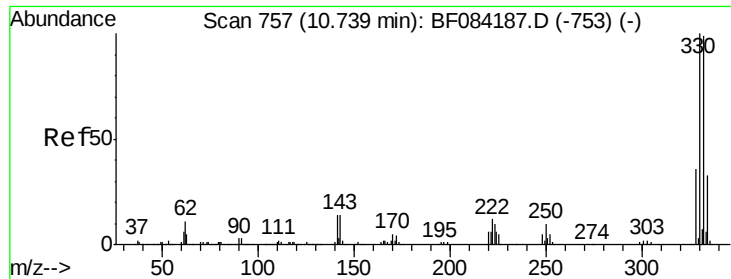
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.1	127.7
160	49.4	37.5	56.3





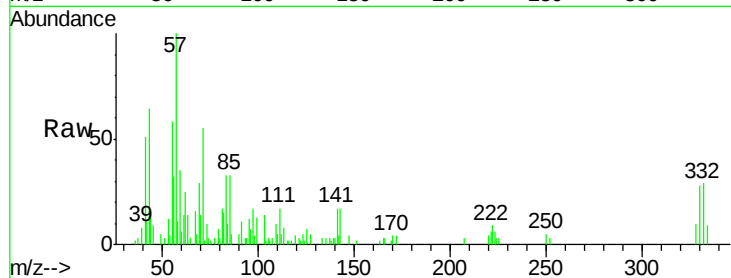
#41
 2,4,6-Tribromophenol
 Concen: 1.25 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.10 min
 Lab File: BF084590.D
 Acq: 22 Jan 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 GRAB

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.9	76.6	114.8
141	64.0	27.8	41.6

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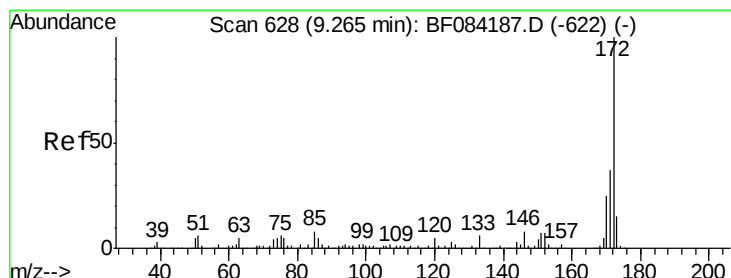
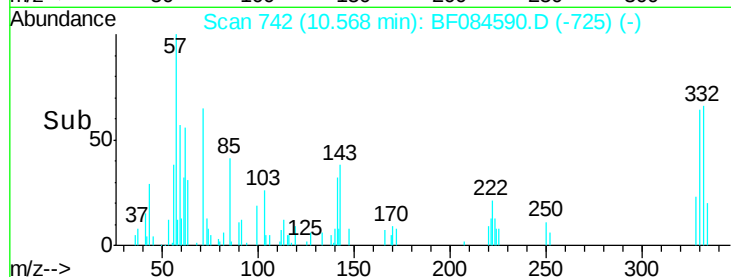
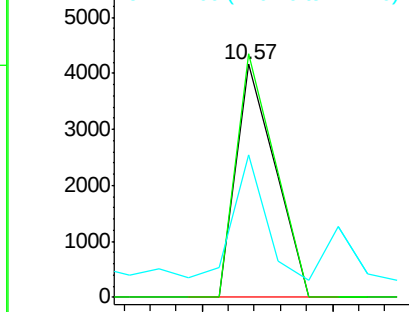


Abundance

Ion 329.80 (329.50 to 330.50): E

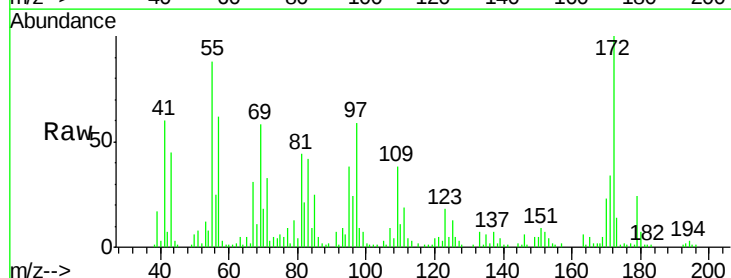
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: -3.31 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.09 min
 Lab File: BF084590.D
 Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	23.0	18.6	27.8

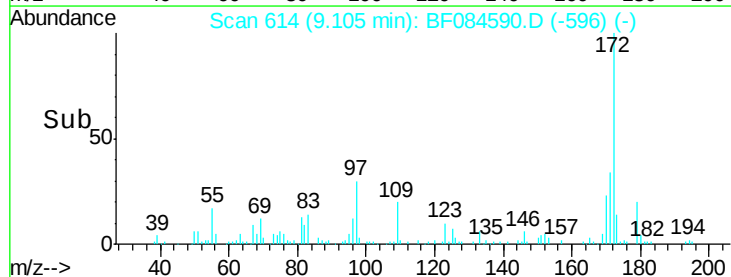
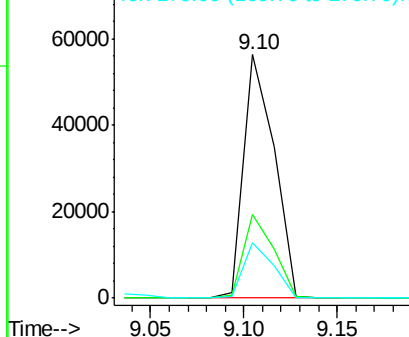


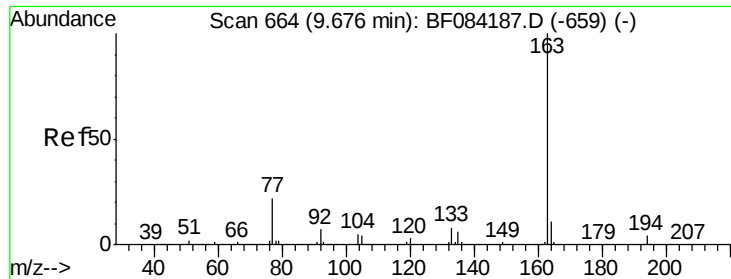
Abundance

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





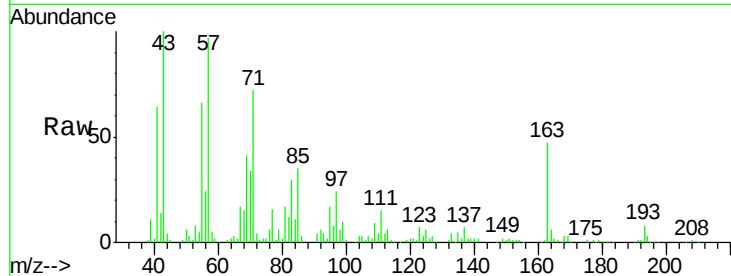
#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.10 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Instrument :
BNA_F
ClientSampleId :
GRAB

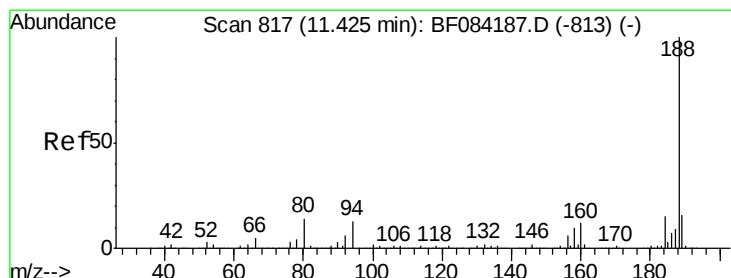
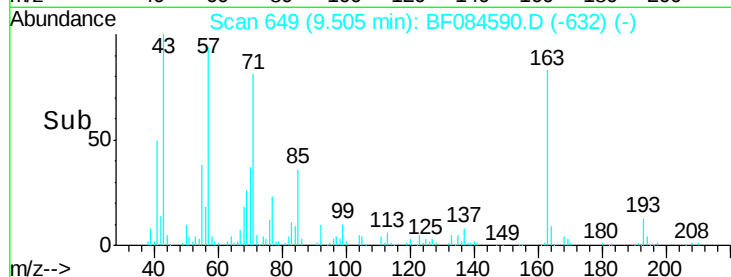
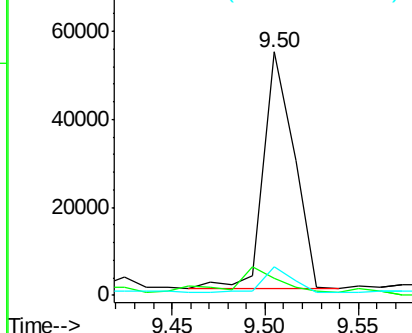
Tot Ion	Ratio	Resp	Lower	Upper
163	100	60822		
194	7.0	8.0	12.0#	
164	11.9	8.0	12.0	

Manual Integrations
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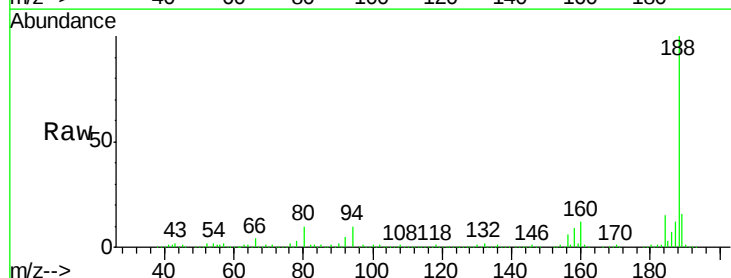


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

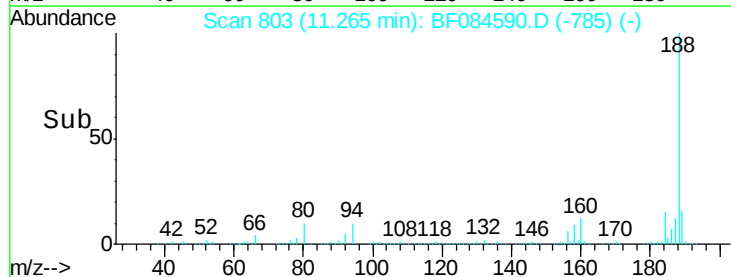
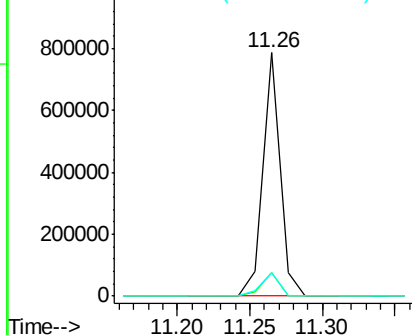


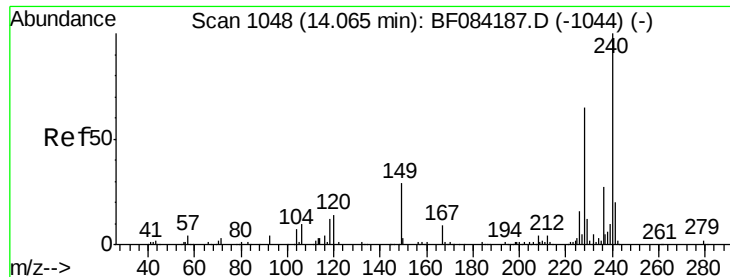
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	649663		
94	9.6	9.0	13.4	
80	9.6	9.6	14.4#	



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.10 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

Instrument :

BNA_F

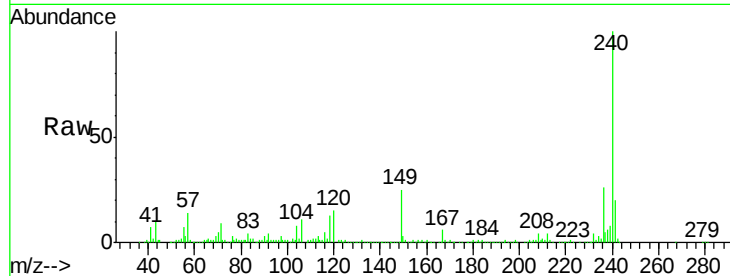
ClientSampleId :

GRAB

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	25.7	20.6	31.0

Manual Integrations
APPROVED

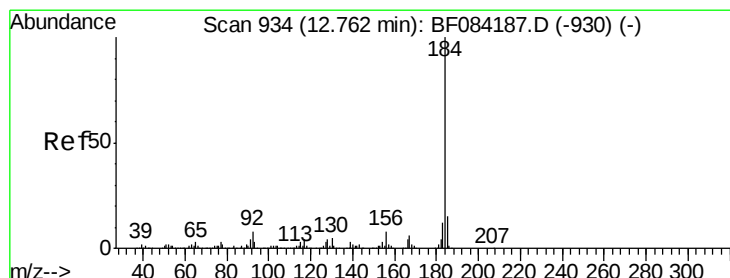
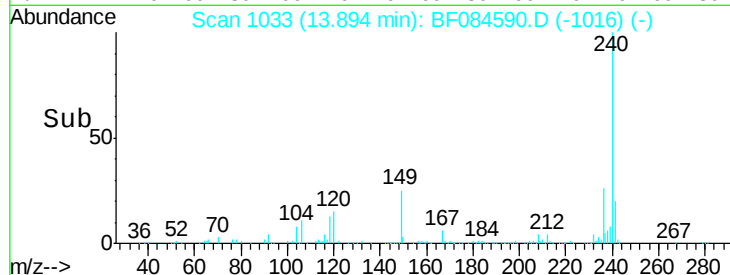
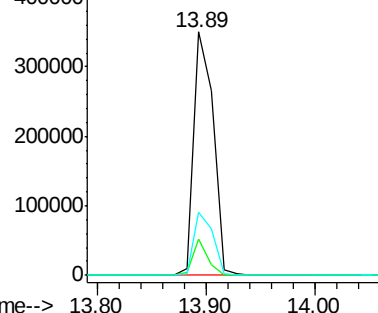
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.05 ng

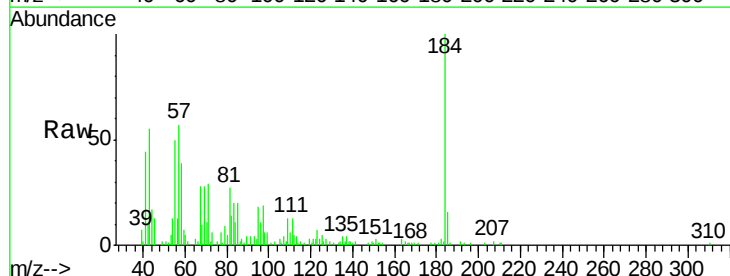
RT: 12.50 min Scan# 911

Delta R.T. -0.19 min

Lab File: BF084590.D

Acq: 22 Jan 2016 15:36

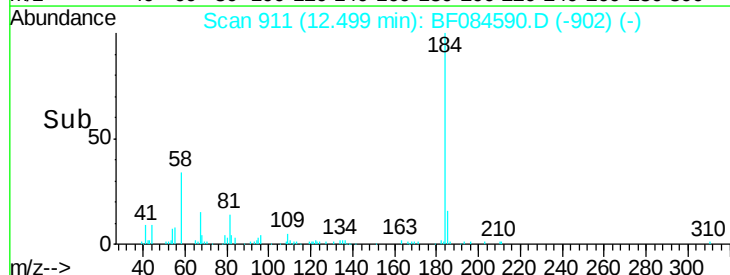
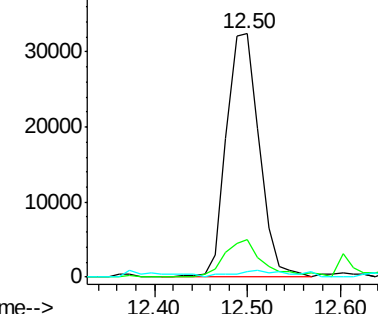
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	2.3	9.8	14.8#

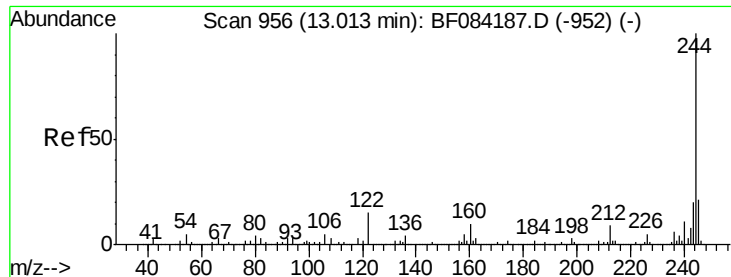


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





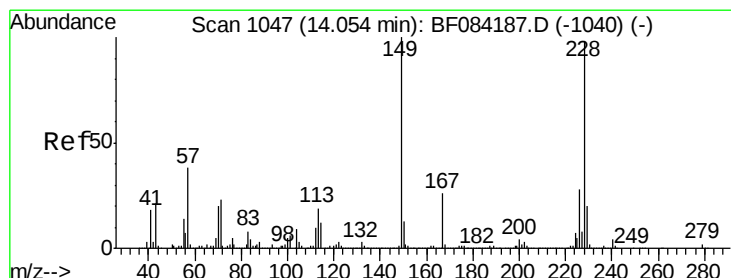
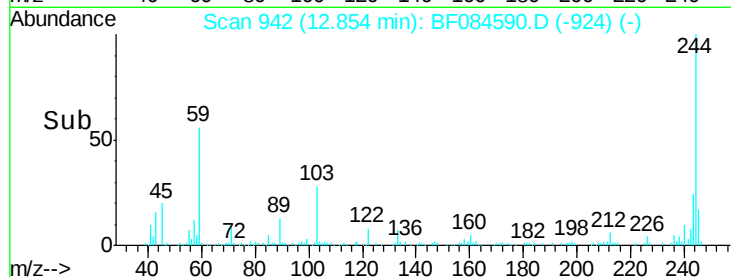
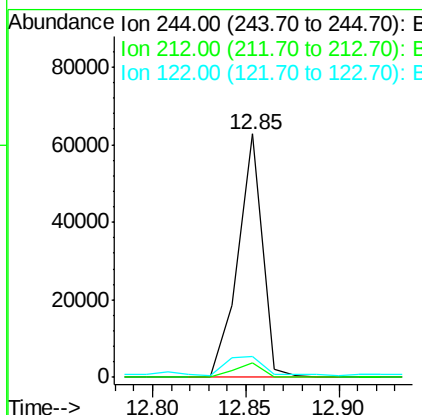
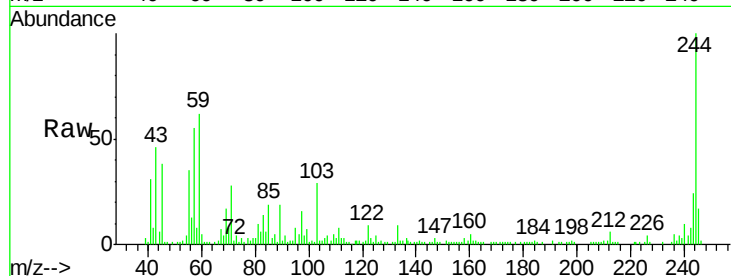
#78
 Terphenyl-d14
 Concen: 2.91 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084590.D
 Acq: 22 Jan 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 GRAB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	8.6	7.4	11.0

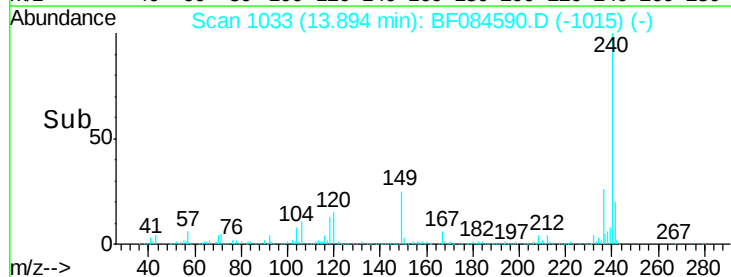
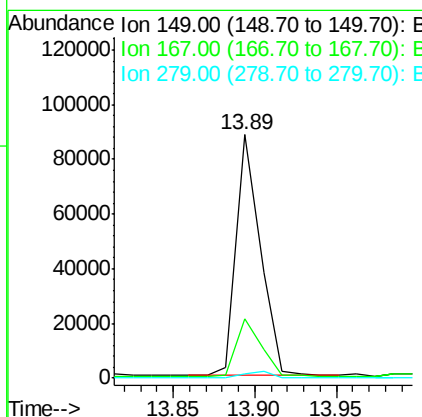
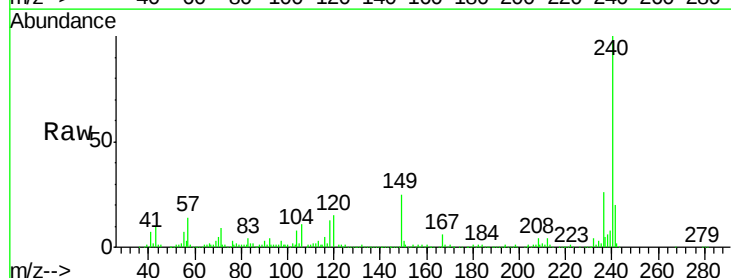
Manual Integrations
 APPROVED

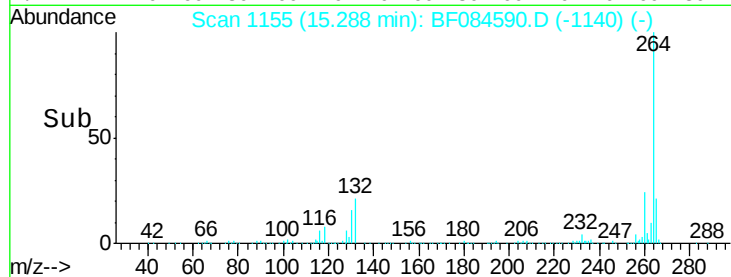
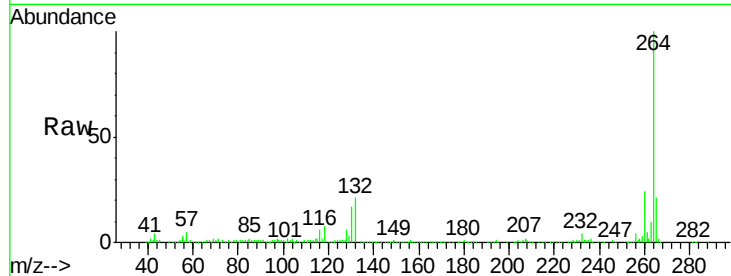
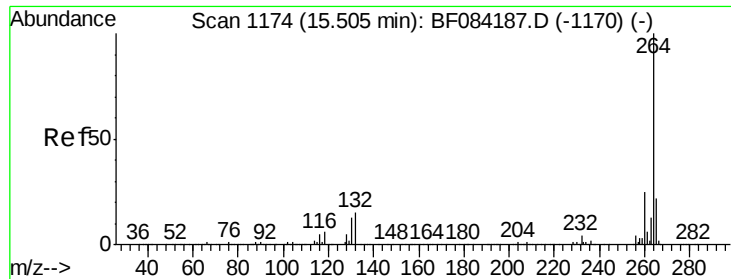
mohammad
 1/25/2016 2:58:51 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.73 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.09 min
 Lab File: BF084590.D
 Acq: 22 Jan 2016 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.7	29.5
279	1.7	1.8	2.6





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084590.D
Acq: 22 Jan 2016 15:36

Instrument :
BNA_F
ClientSampleId :
GRAB

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.8	26.6

Manual Integrations
APPROVED

mohammad
1/25/2016 2:58:51 PM

