

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089184.D
 Acq On : 9 Dec 2014 8:18
 Operator : TP/JJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

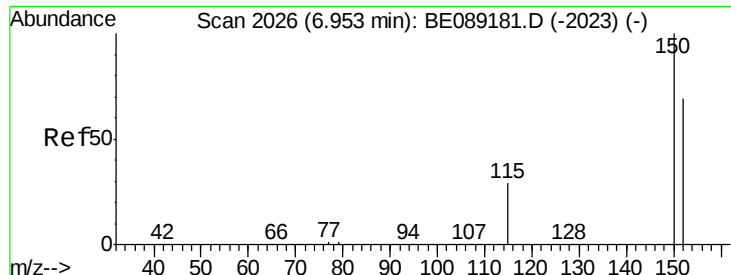
Manual Integrations
 APPROVED

mohammad
 12/10/2014 4:30:29 PM

Quant Time: Dec 09 09:04:36 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 09 08:49:44 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	31008	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	117087	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	54348	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	81905	5.00	ng	0.00
22) Chrysene-d12	18.08	240	56439	5.00	ng	0.00
23) Perylene-d12	21.13	264	54951	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	87862	11.22	ng	0.00
3) Phenol-d6	6.56	99	102472	9.70	ng	0.00
14) 2,4,6-Tribromophenol	11.67	330	18188	9.69	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	82704	9.47	ng	93
5) Phenol	6.57	94	120530	9.59	ng	93
7) 3+4-Methylphenols	7.50	107	88176	10.43	ng	# 96
9) 2-Nitrophenol	8.06	139	43496	9.87	ng	# 74
10) 2,4-Dimethylphenol	8.14	122	71835	9.86	ng	# 60
11) 2,4-Dichlorophenol	8.37	162	60450	9.54	ng	91
12) 4-Chloro-3-methylphenol	9.26	107	64854	9.60	ng	# 80
15) 2,4,6-Trichlorophenol	9.75	196	39782	10.34	ng	# 56
16) 2,4,5-Trichlorophenol	9.81	196	40244	9.52	ng	# 37
17) 2,4-Dinitrophenol	10.77	184	17142	9.02	ng	93
18) 4-Nitrophenol	10.91	139	85230	9.59	ng	# 27
20) 4,6-Dinitro-2-methylphenol	11.45	198	22043	8.57	ng	87
21) Pentachlorophenol	12.43	266	18819	10.89	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE089184.D

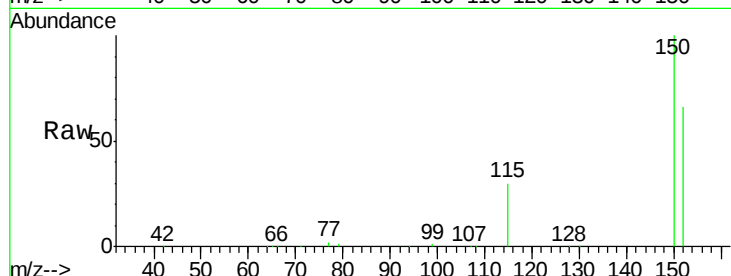
Acq: 9 Dec 2014 8:18

Instrument :

BNA_E

LabSampleId :

SSTDIC010



Tgt Ion:152 Resp: 31008

Ion Ratio Lower Upper

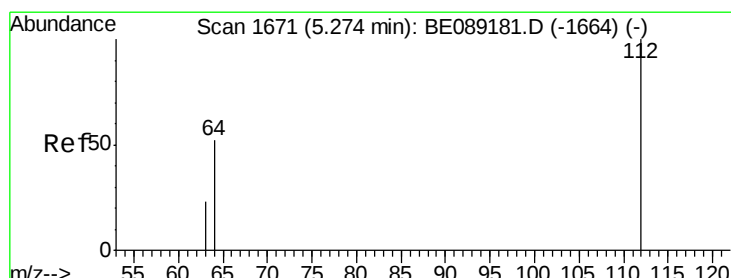
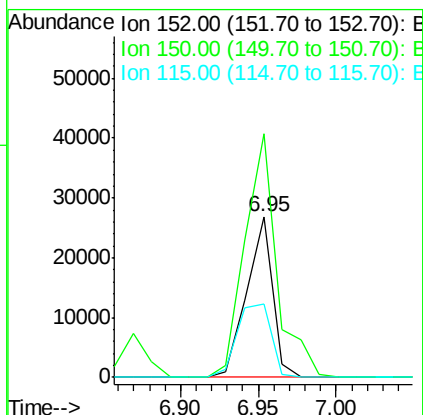
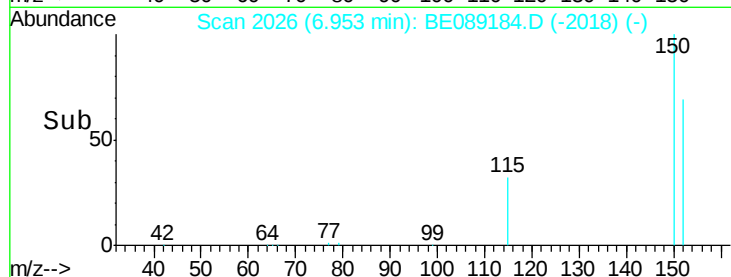
152 100

150 151.7 125.5 188.3

115 46.1 43.1 64.7

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#2

2-Fluorophenol

Concen: 11.22 ng

RT: 5.27 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

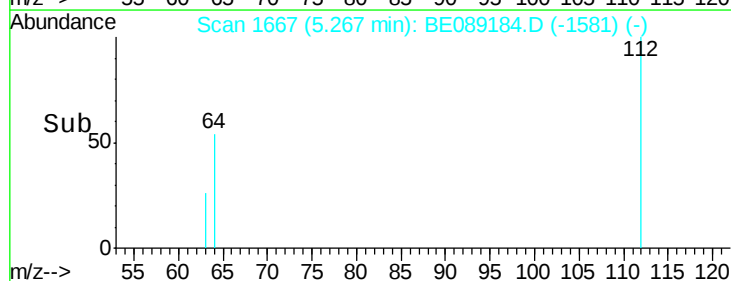
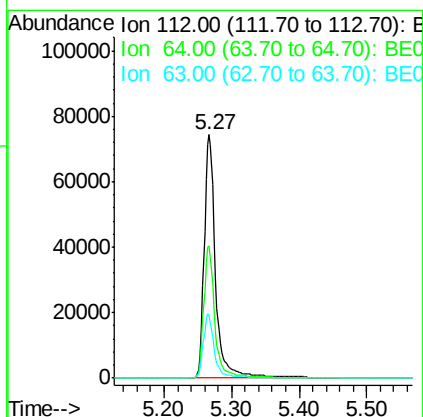
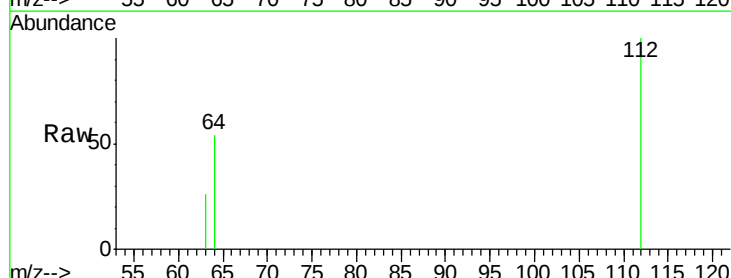
Tgt Ion:112 Resp: 87862

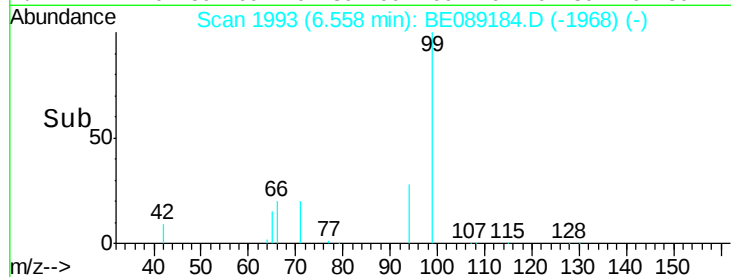
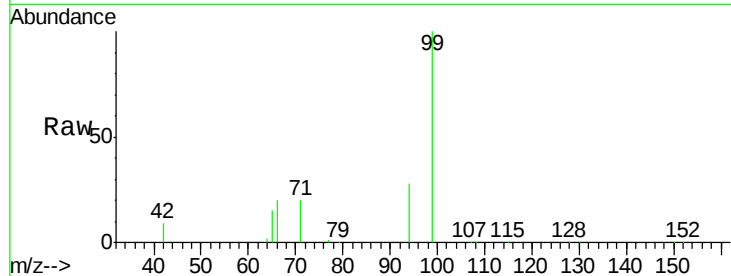
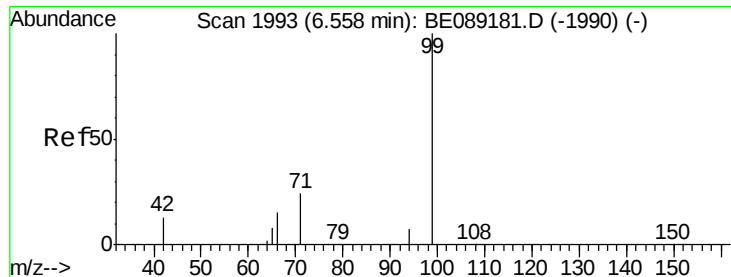
Ion Ratio Lower Upper

112 100

64 54.2 43.2 64.8

63 25.9 19.8 29.6





#3

Phenol-d6

Concen: 9.70 ng

RT: 6.56 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

Instrument :

BNA_E

LabSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 102472
Ion Ratio Lower Upper

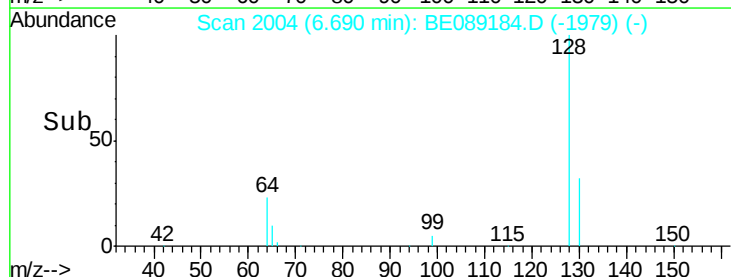
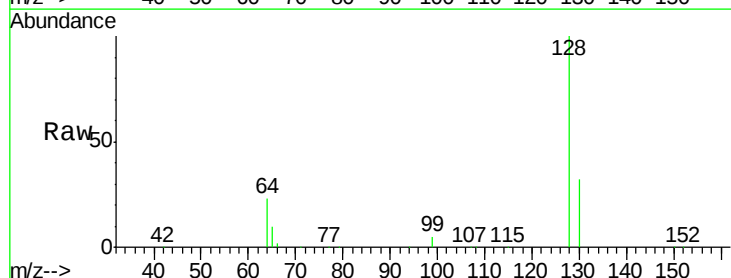
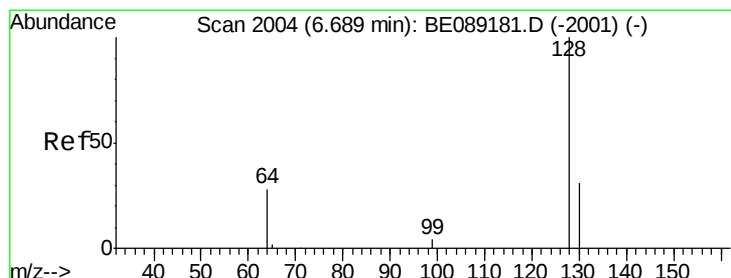
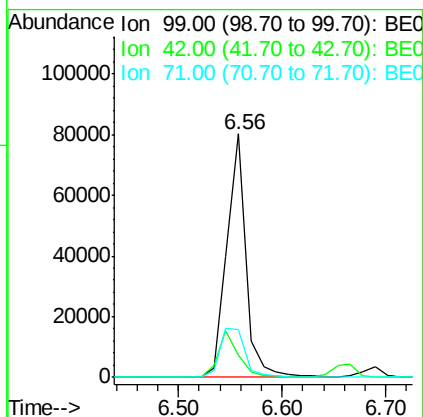
99 100

42 9.1 4.4 6.6#

71 19.8 11.0 16.6#

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#4

2-Chlorophenol

Concen: 9.47 ng

RT: 6.69 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE089184.D

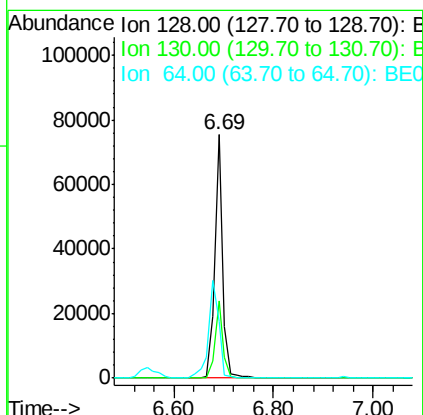
Acq: 9 Dec 2014 8:18

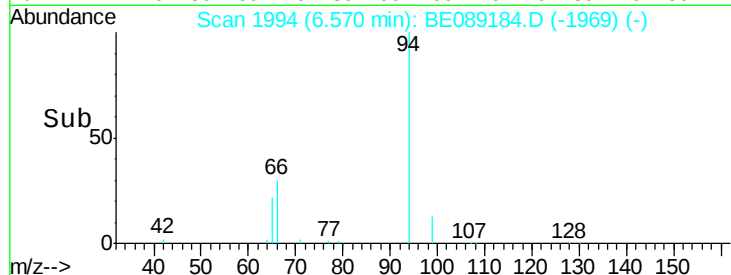
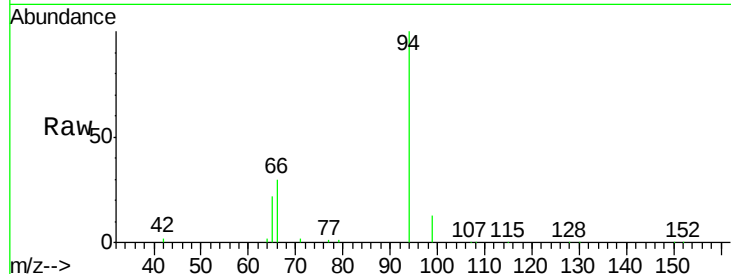
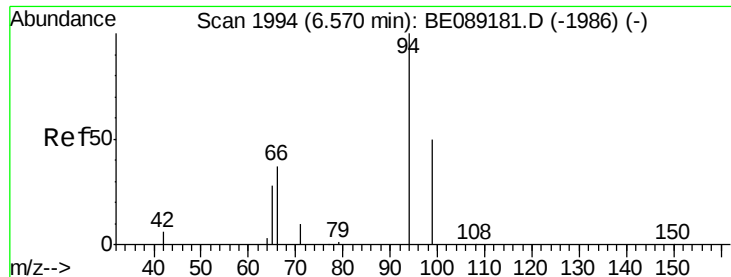
Tgt Ion: 128 Resp: 82704
Ion Ratio Lower Upper

128 100

130 31.7 9.8 49.8

64 23.1 8.8 48.8





#5

Phenol

Concen: 9.59 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	120530		
65	22.4	0.0	39.0	
66	29.6	6.2	46.2	

Instrument :

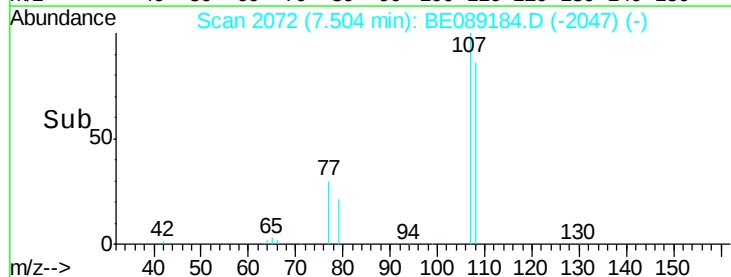
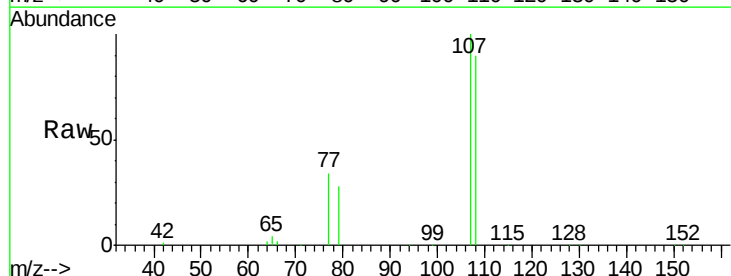
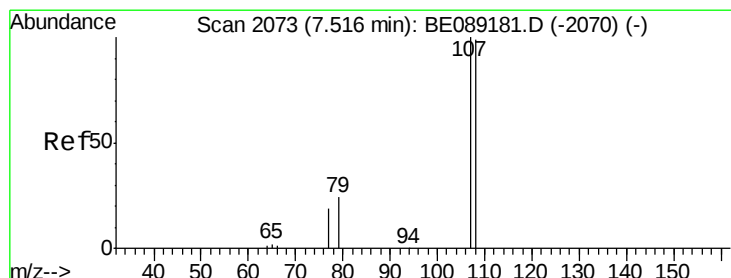
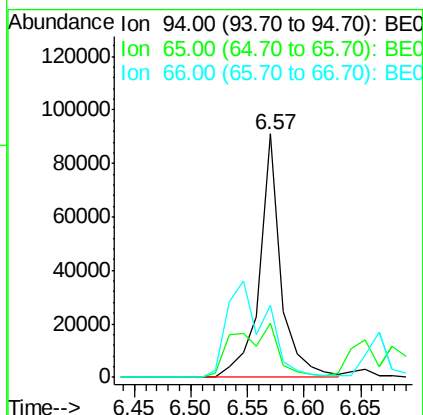
BNA_E

LabSampleId :

SSTDIC010

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#7

3+4-Methylphenols

Concen: 10.43 ng

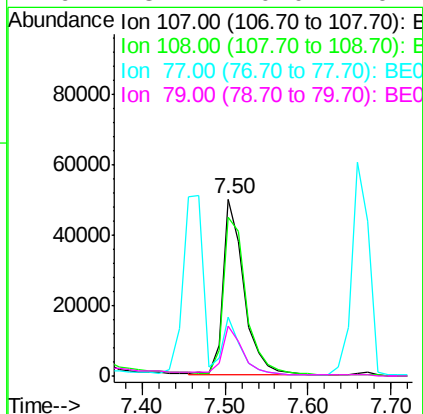
RT: 7.50 min Scan# 2072

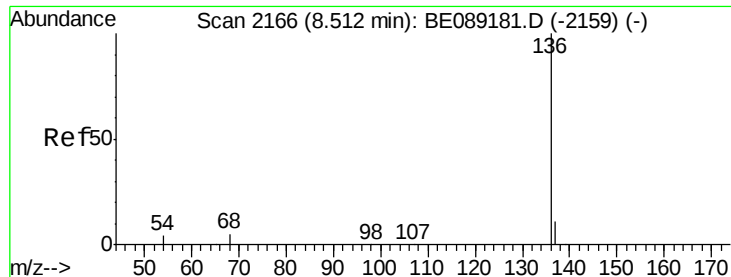
Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	88176		
108	89.5	69.0	109.0	
77	33.7	13.4	53.4	
79	28.1	0.0	26.4	





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 8.51 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE089184.D

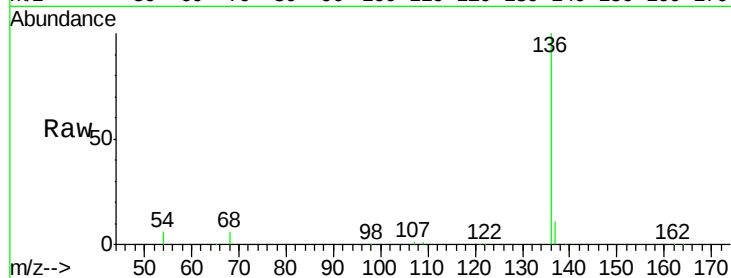
Acq: 9 Dec 2014 8:18

Instrument :

BNA_E

LabSampleId :

SSTDIC010



Tgt Ion:136 Resp: 117087

Ion Ratio Lower Upper

136 100

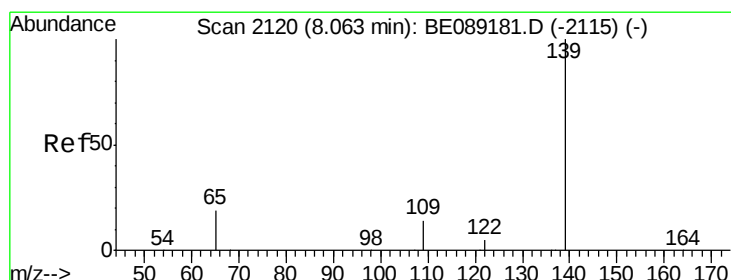
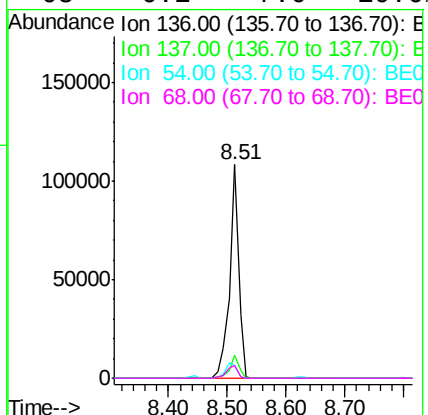
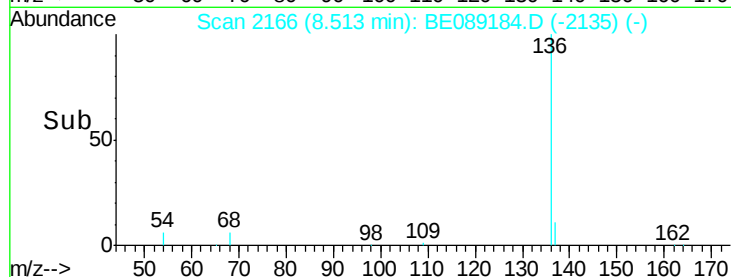
137 10.8 8.5 12.7

54 6.2 7.2 10.8#

68 6.1 7.0 10.6#

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#9

2-Nitrophenol

Concen: 9.87 ng

RT: 8.06 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

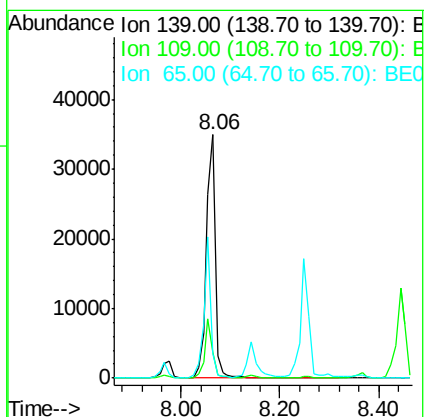
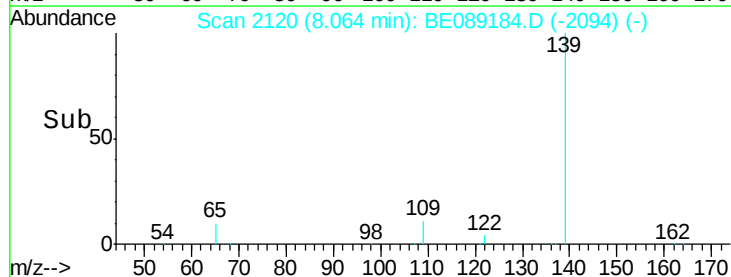
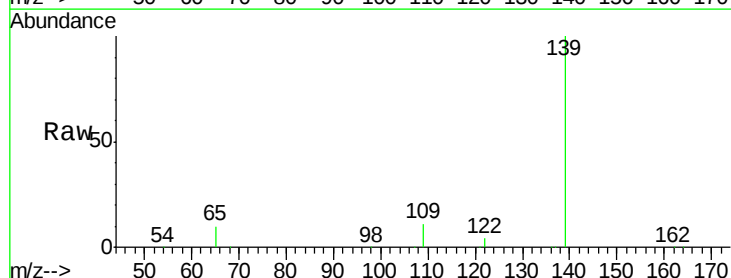
Tgt Ion:139 Resp: 43496

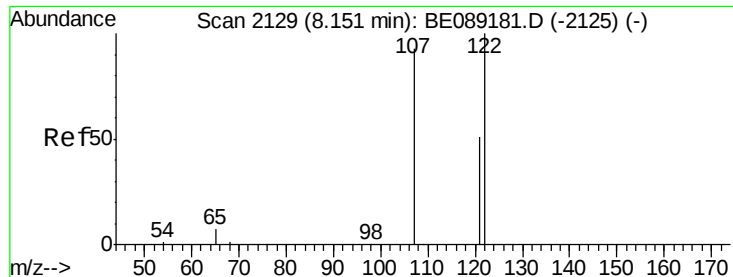
Ion Ratio Lower Upper

139 100

109 10.8 15.3 22.9#

65 10.3 21.2 31.8#





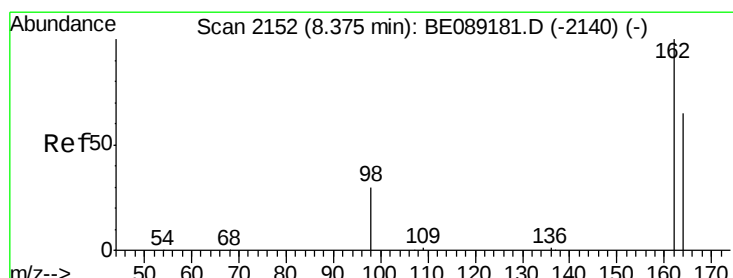
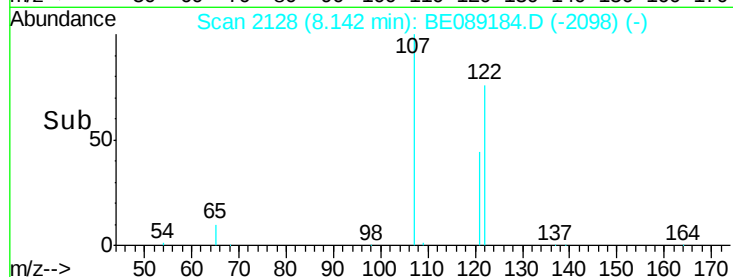
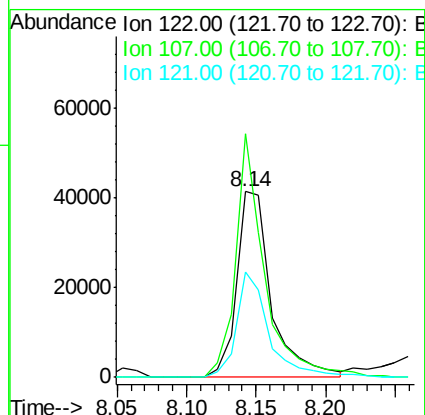
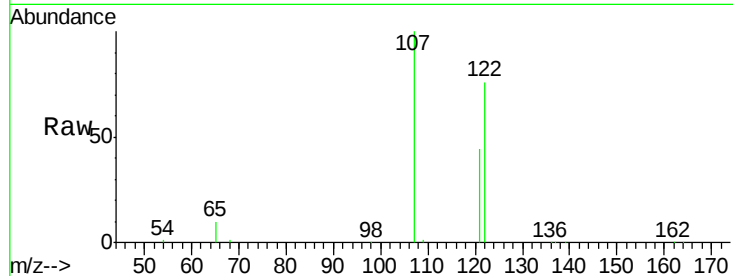
#10
2,4-Dimethylphenol
Concen: 9.86 ng
RT: 8.14 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Instrument :
BNA_E
LabSampleId :
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.3	64.3	96.5#
121	57.2	39.5	59.3

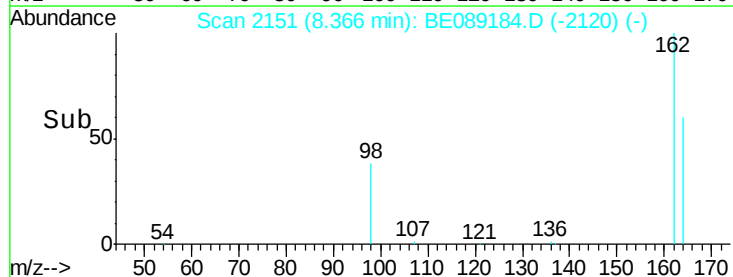
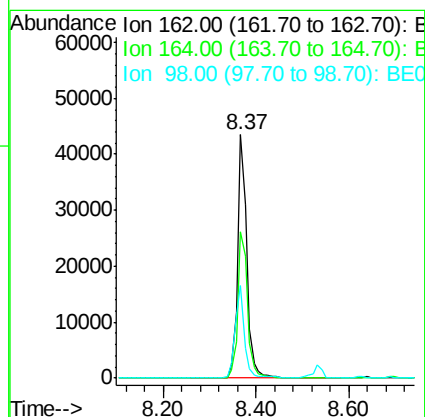
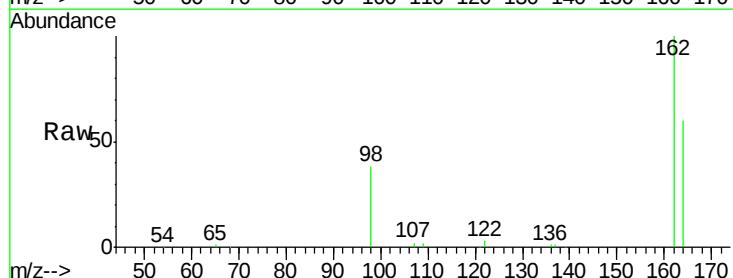
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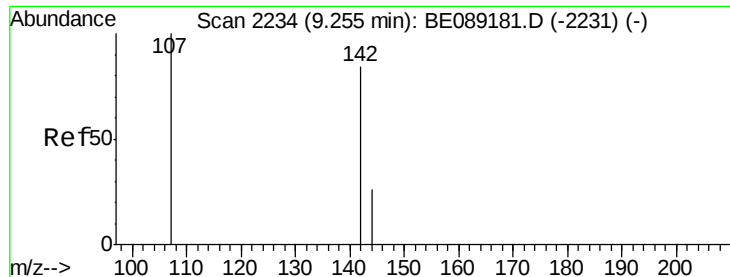
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#11
2,4-Dichlorophenol
Concen: 9.54 ng
RT: 8.37 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.0	42.5	82.5
98	38.1	6.0	46.0





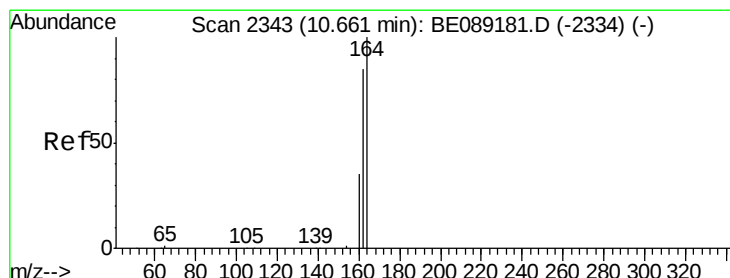
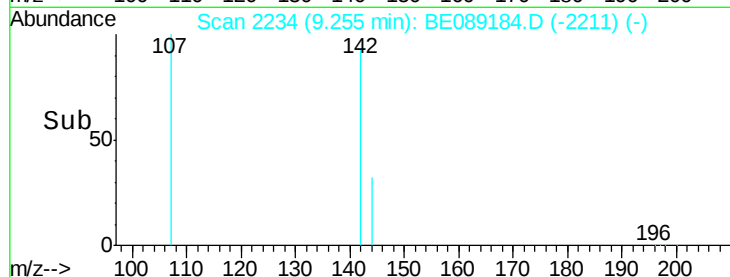
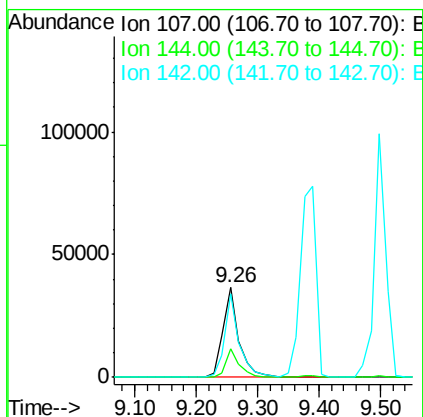
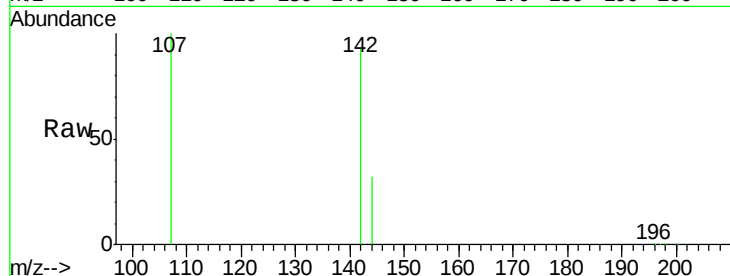
#12
4-Chloro-3-methylphenol
Concen: 9.60 ng
RT: 9.26 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.5	16.2	24.4#
142	92.7	61.4	92.0#

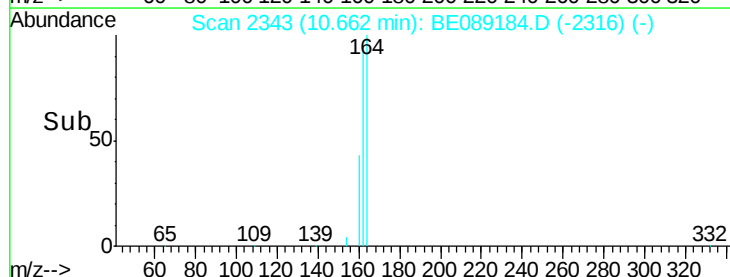
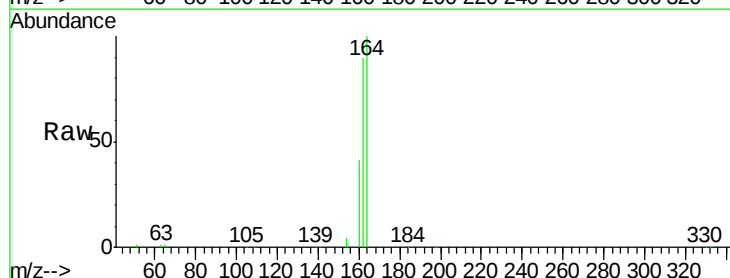
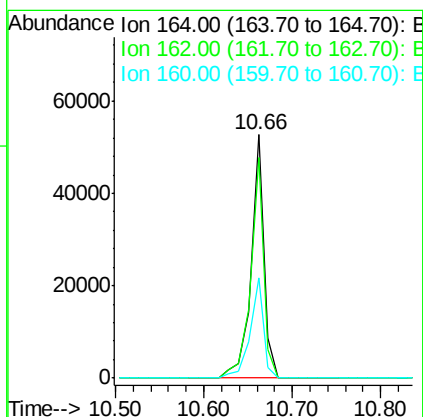
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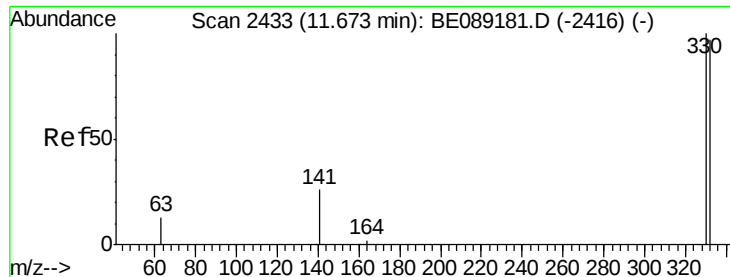
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.5	65.4	98.2
160	40.9	26.2	39.4#





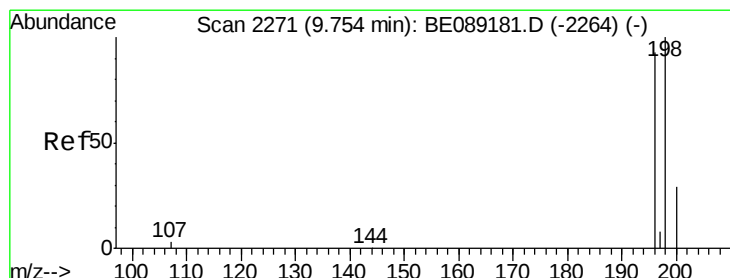
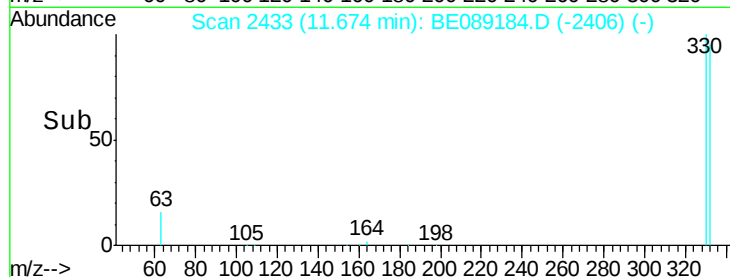
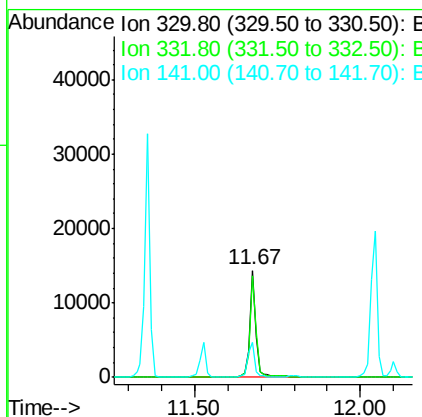
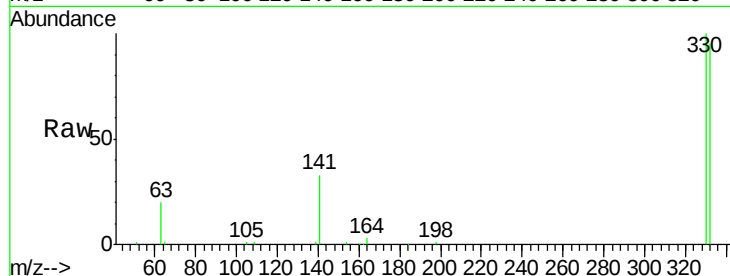
#14
 2,4,6-Tribromophenol
 Concen: 9.69 ng
 RT: 11.67 min Scan# 2433
 Delta R.T. 0.00 min
 Lab File: BE089184.D
 Acq: 9 Dec 2014 8:18

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18188		
332	96.9	77.6	116.4	
141	36.1	23.5	35.3#	

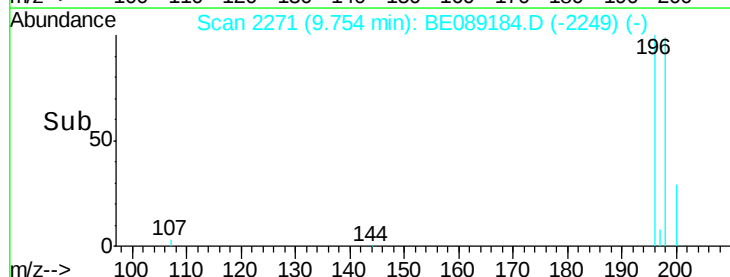
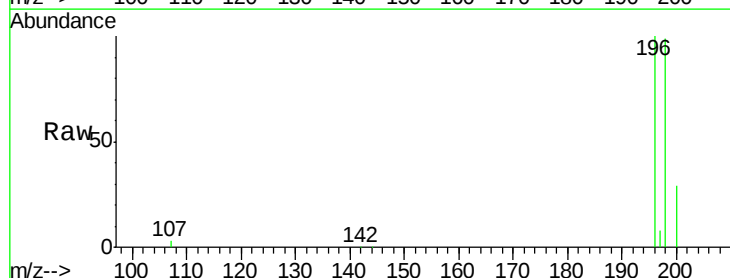
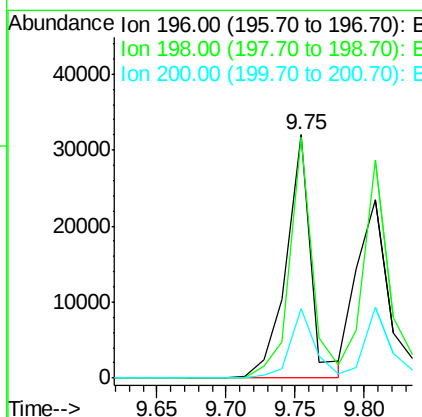
Manual Integrations
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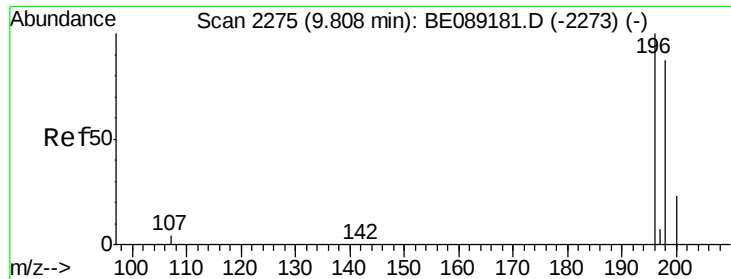
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#15
 2,4,6-Trichlorophenol
 Concen: 10.34 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BE089184.D
 Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	39782		
198	98.8	50.5	75.7#	
200	28.7	11.5	17.3#	





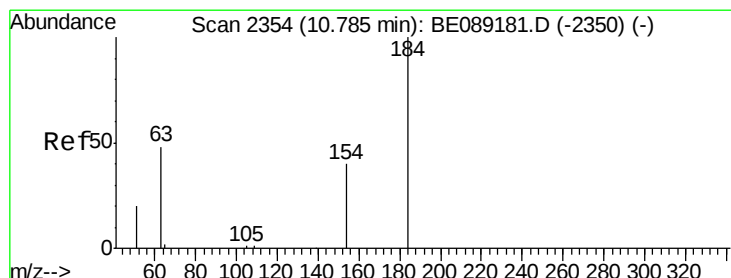
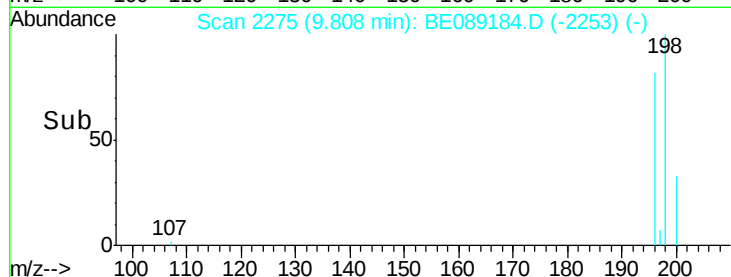
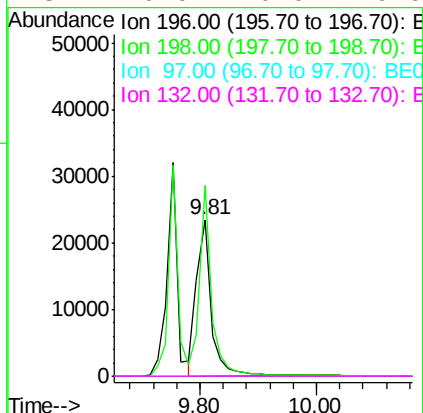
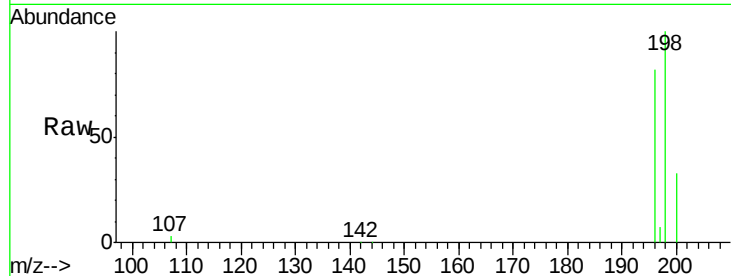
#16
 2,4,5-Trichlorophenol
 Concen: 9.52 ng
 RT: 9.81 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE089184.D
 Acq: 9 Dec 2014 8:18

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40244		
198	121.9	56.1	84.1#	
97	0.0	0.0	0.0	
132	0.0	0.0	0.0	

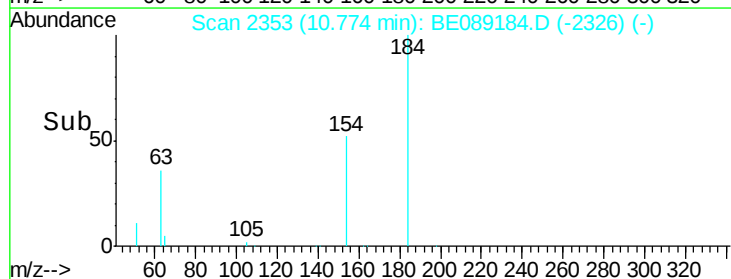
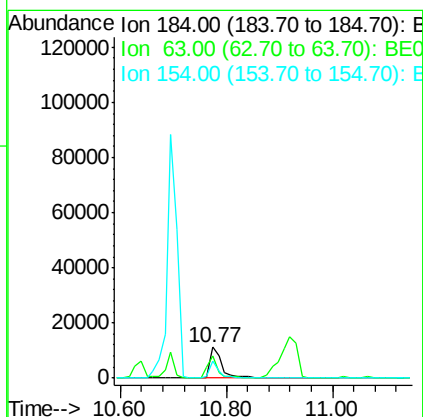
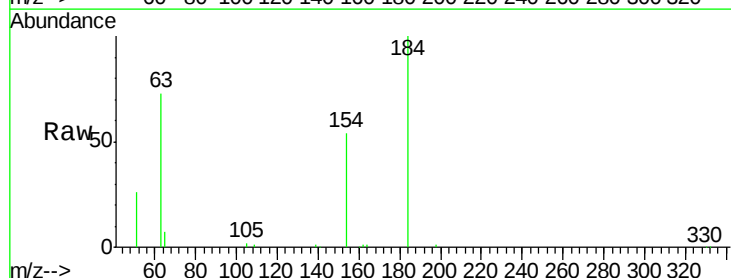
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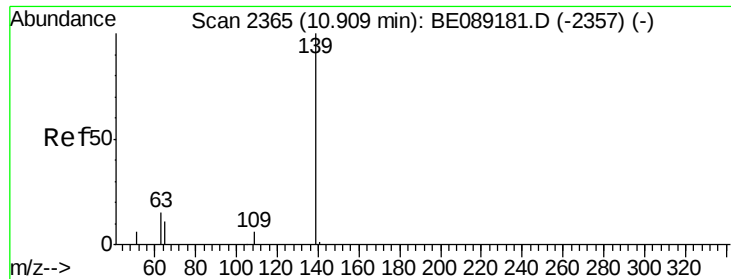
mohammad
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#17
 2,4-Dinitrophenol
 Concen: 9.02 ng
 RT: 10.77 min Scan# 2353
 Delta R.T. 0.00 min
 Lab File: BE089184.D
 Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	17142		
63	73.1	54.0	81.0	
154	54.1	47.3	70.9	





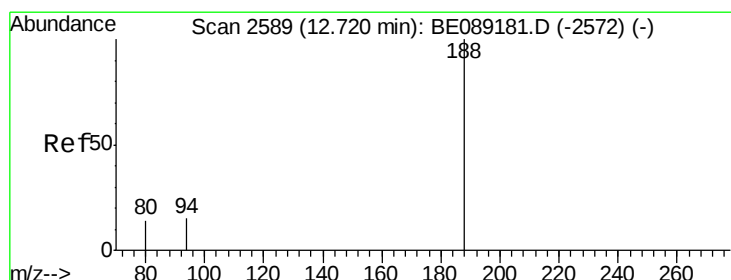
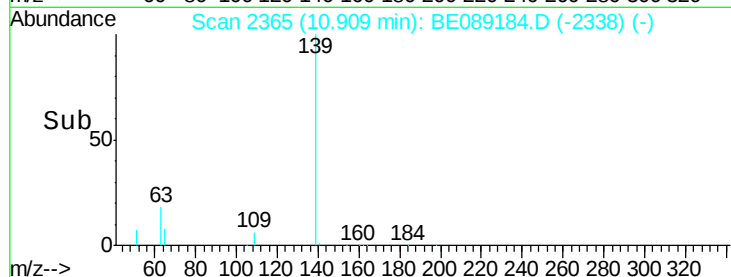
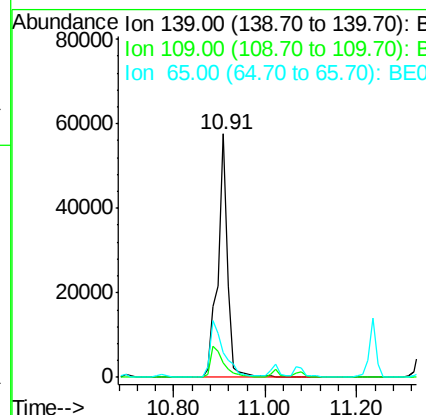
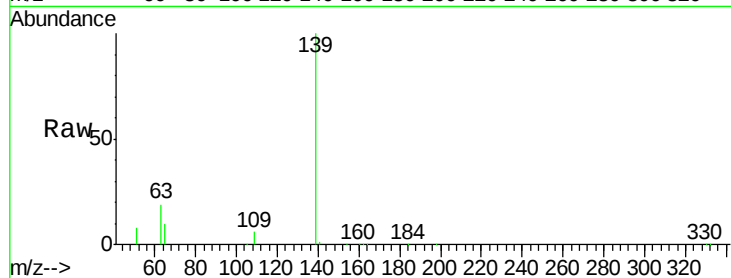
#18
4-Nitrophenol
Concen: 9.59 ng
RT: 10.91 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Instrument :
BNA_E
LabSampleId :
SSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	85230		
109	5.9	37.4	77.4#	
65	10.0	52.7	92.7#	

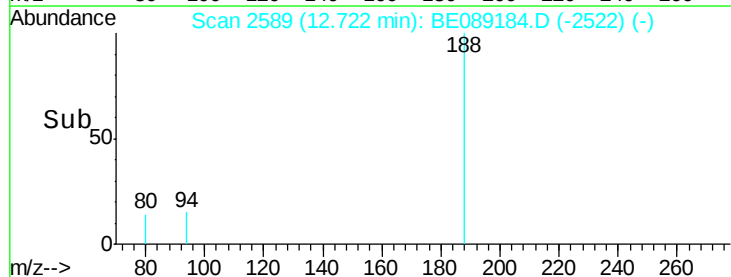
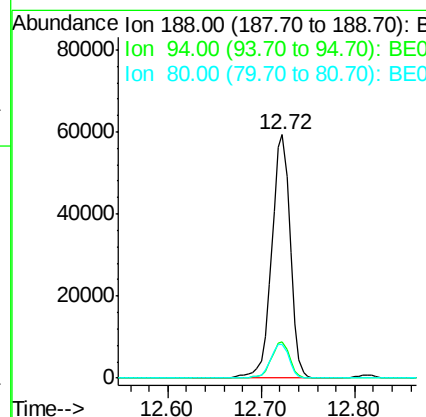
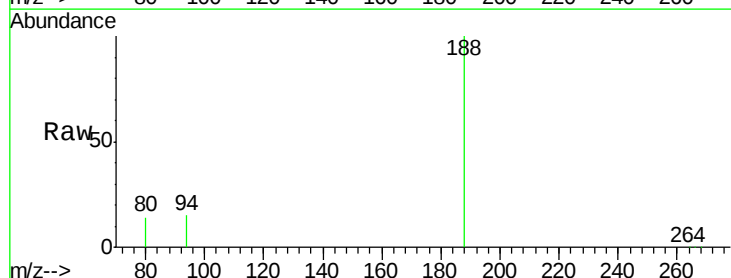
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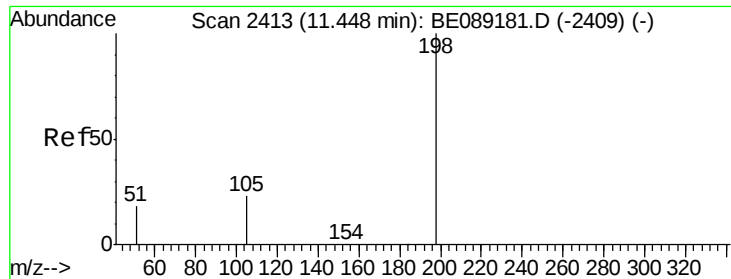
mohammad
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#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	81905		
94	14.8	12.7	19.1	
80	14.1	11.9	17.9	





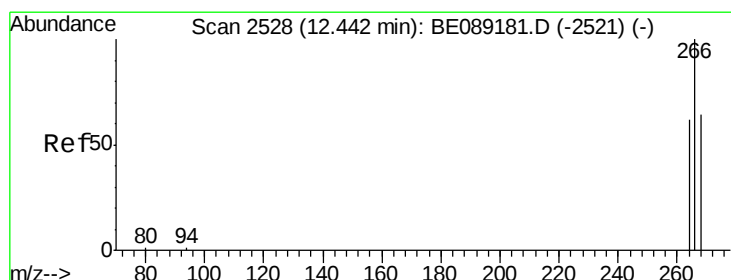
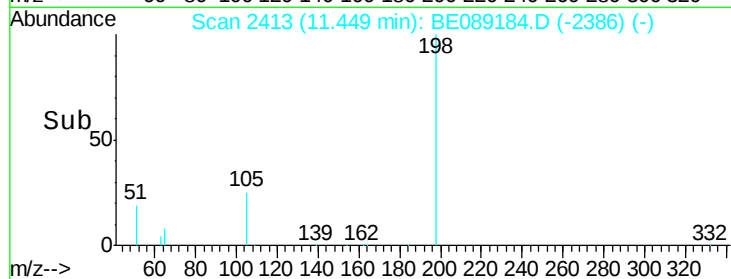
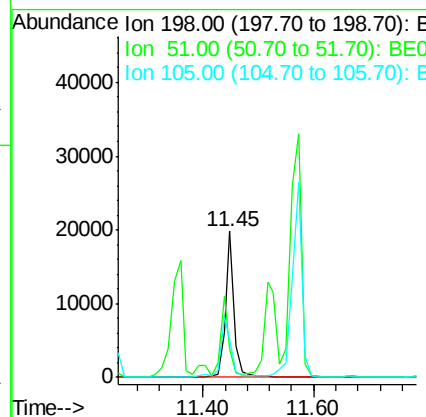
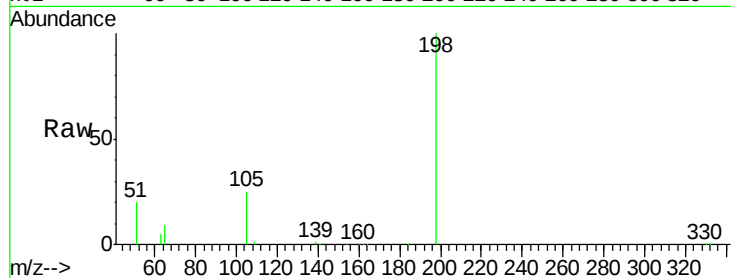
#20
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 11.45 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Instrument :
BNA_E
LabSampleId :
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
198	100		
51	19.6	11.2	51.2
105	25.4	4.3	44.3

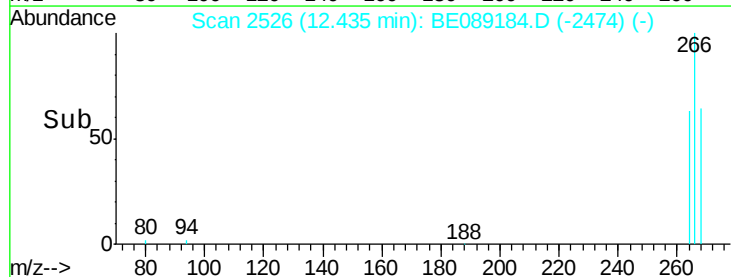
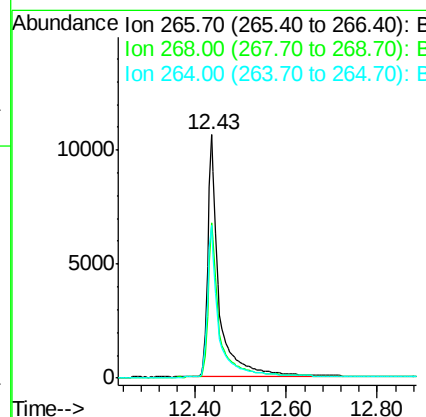
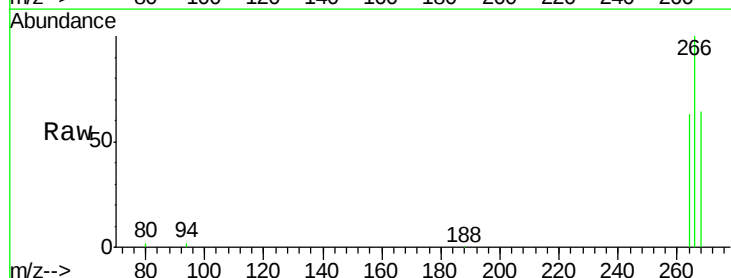
Manual Integrations
APPROVED

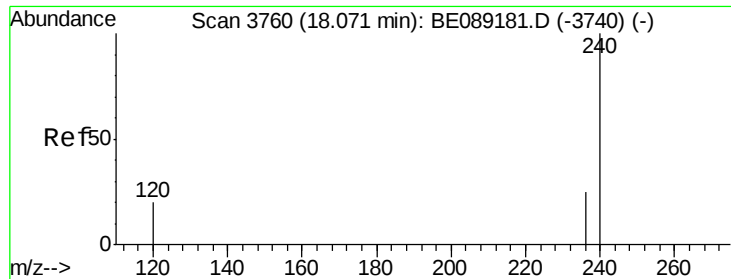
mohammad
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#21
Pentachlorophenol
Concen: 10.89 ng
RT: 12.43 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BE089184.D
Acq: 9 Dec 2014 8:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.8	79.2
264	62.9	50.6	75.8





#22

Chrysene-d12

Concen: 5.00 ng

RT: 18.08 min Scan# 3760

Delta R.T. 0.00 min

Lab File: BE089184.D

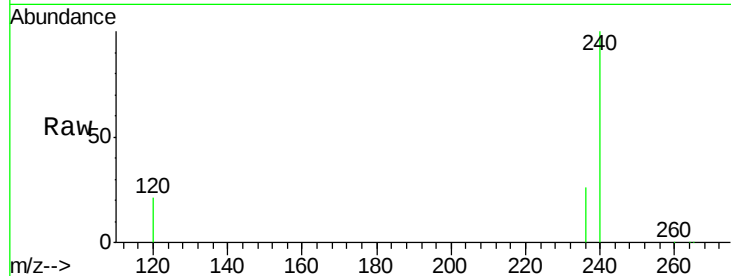
Acq: 9 Dec 2014 8:18

Instrument :

BNA_E

LabSampleId :

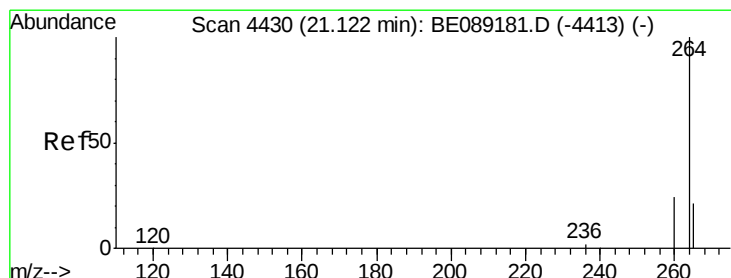
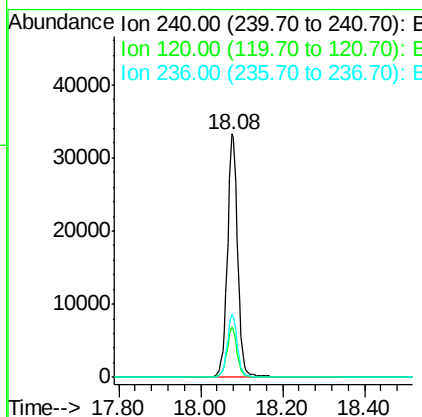
SSTDIC010



Tgt Ion:	240	Resp:	56439
Ion Ratio	Lower	Upper	
240	100		
120	20.7	17.0	25.6
236	26.1	20.2	30.4

Manual Integrations
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#23

Perylene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 4430

Delta R.T. 0.00 min

Lab File: BE089184.D

Acq: 9 Dec 2014 8:18

Tgt Ion:	264	Resp:	54951
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	21.8	17.4	26.0

