

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089178.D
 Acq On : 8 Dec 2014 22:21
 Operator : TP/JJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Manual Integrations
 APPROVED

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Quant Time: Dec 09 09:01:43 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 03:43:23 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	28928	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	111610	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	54223	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	81680	5.00	ng	0.00
22) Chrysene-d12	18.07	240	58342	5.00	ng	0.00
23) Perylene-d12	21.13	264	53160	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.28	112	1459	0.19	ng	0.00
3) Phenol-d6	6.57	99	2106	0.22	ng	0.01
14) 2,4,6-Tribromophenol	11.67	330	376	0.33	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.70	128	1780	0.25	ng	89
5) Phenol	6.58	94	2534	0.24	ng	96
6) 2-Methylphenol	7.32	107	2088	0.11	ng	# 87
7) 3+4-Methylphenols	7.53	107	1651	0.07	ng	92
9) 2-Nitrophenol	8.06	139	787	0.46	ng	# 62
10) 2,4-Dimethylphenol	8.15	122	1504	0.25	ng	88
11) 2,4-Dichlorophenol	8.38	162	1404	0.32	ng	91
12) 4-Chloro-3-methylphenol	9.27	107	1382	0.23	ng	# 94
15) 2,4,6-Trichlorophenol	9.75	196	776m	0.30	ng	
16) 2,4,5-Trichlorophenol	9.82	196	873	0.29	ng	87
17) 2,4-Dinitrophenol	10.81	184	96	0.16	ng	# 46
18) 4-Nitrophenol	10.91	139	1858	0.66	ng	92
20) 4,6-Dinitro-2-methylphenol	11.45	198	180	0.38	ng	# 1
21) Pentachlorophenol	12.45	266	173m	0.45	ng	

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

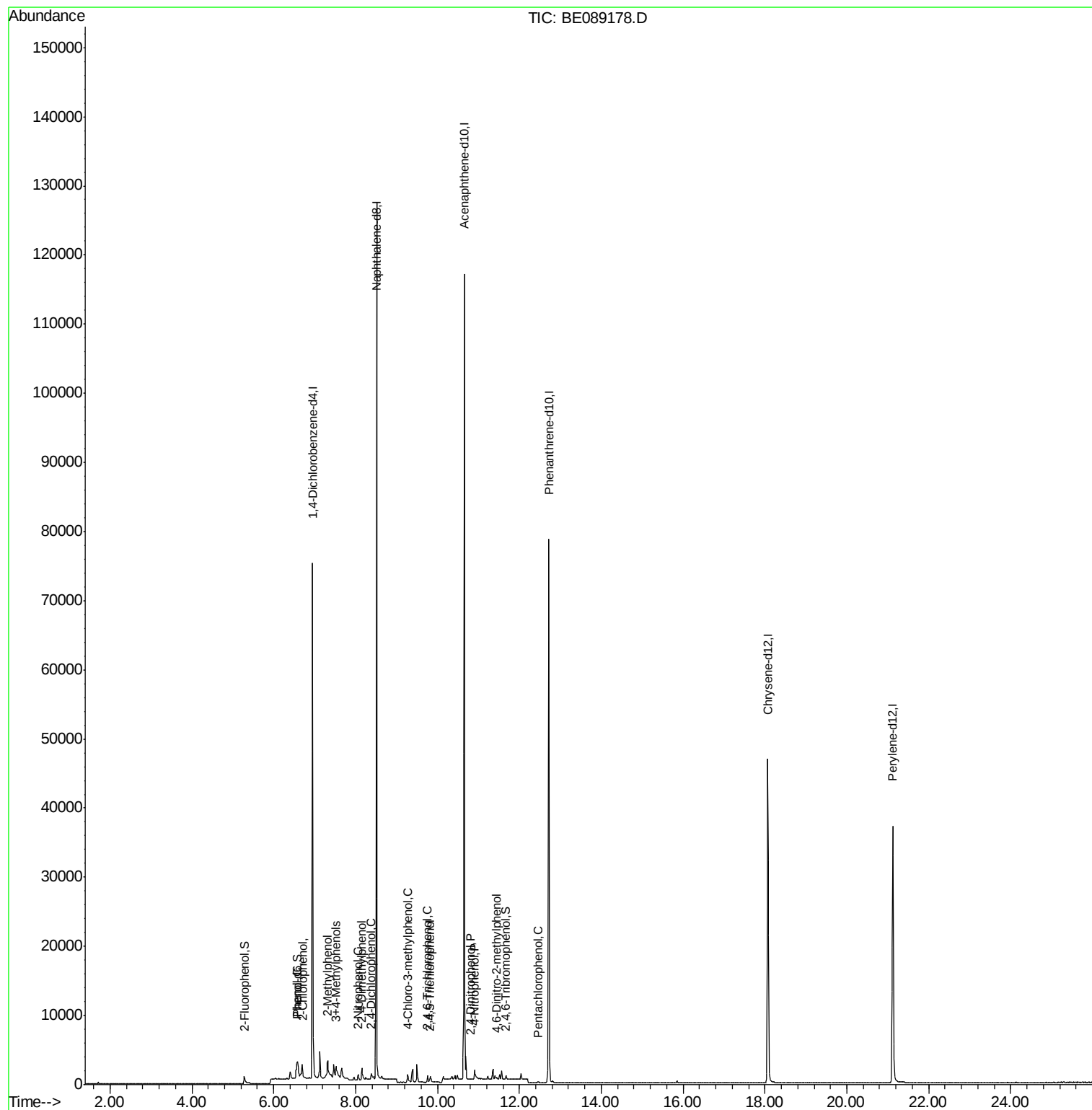
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
Data File : BE089178.D
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ALS Vial : 3 Sample Multiplier: 1

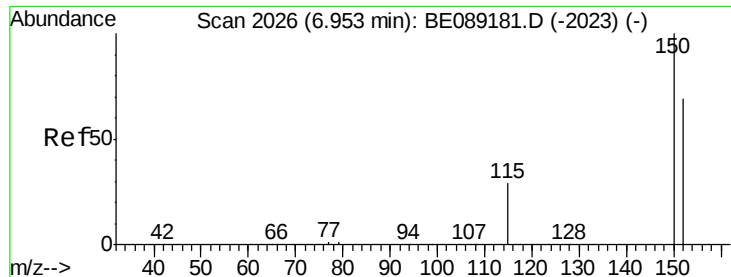
Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Manual Integrations
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Quant Time: Dec 09 09:01:43 2014
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 03:43:23 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BE089178.D

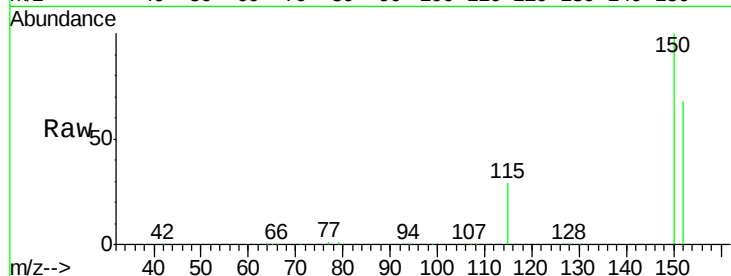
Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2



Tgt Ion:152 Resp: 28928

Ion Ratio Lower Upper

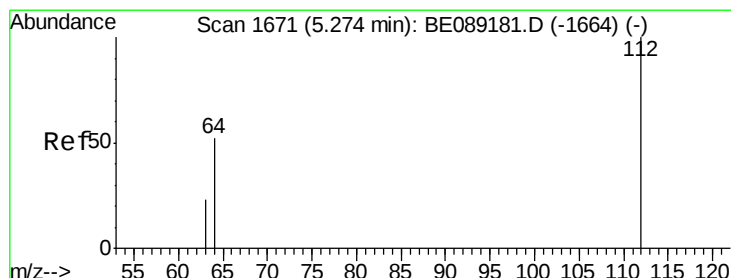
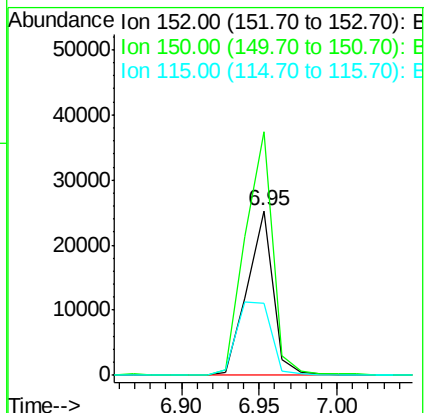
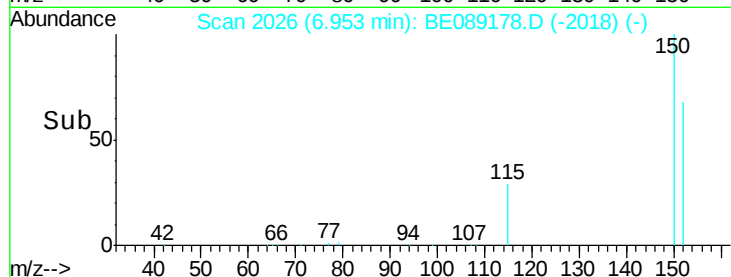
152 100

150 148.0 115.4 173.2

115 43.6 33.3 49.9

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#2

2-Fluorophenol

Concen: 0.19 ng

RT: 5.28 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

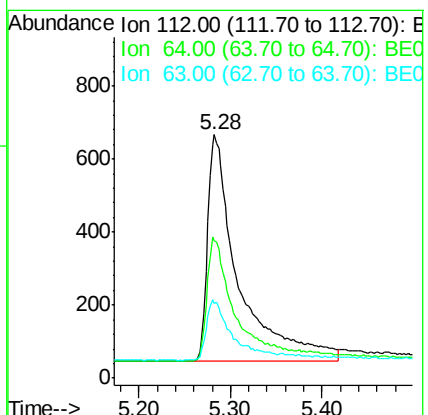
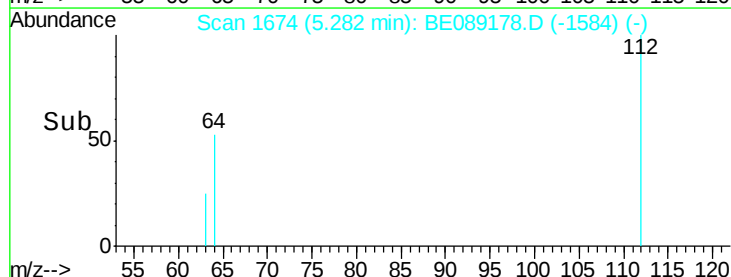
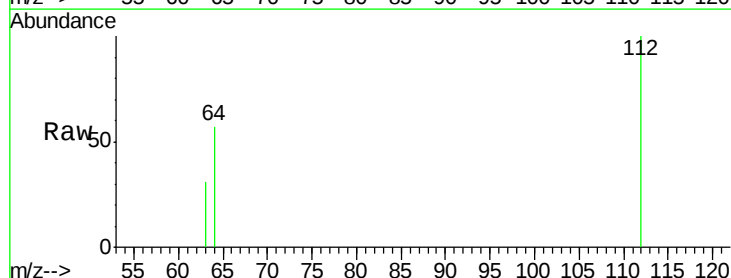
Tgt Ion:112 Resp: 1459

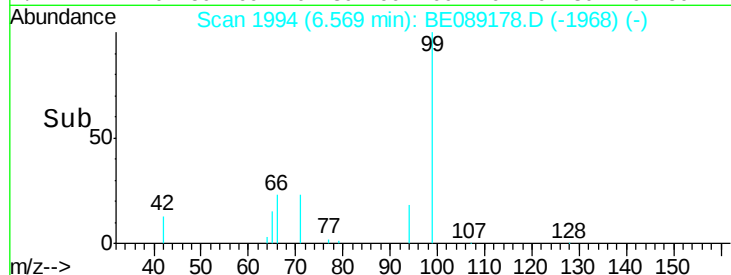
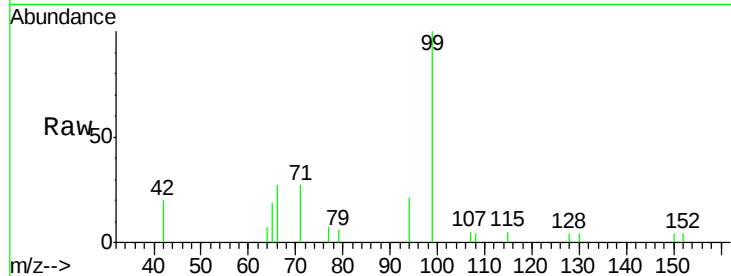
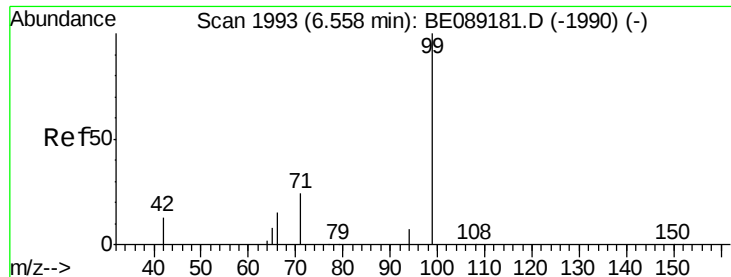
Ion Ratio Lower Upper

112 100

64 56.7 42.3 63.5

63 30.9 20.0 30.0#





#3

Phenol-d6

Concen: 0.22 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Tgt Ion:	99	Resp:	2106
Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.2	16.8#
71	27.4	19.3	28.9

Instrument :

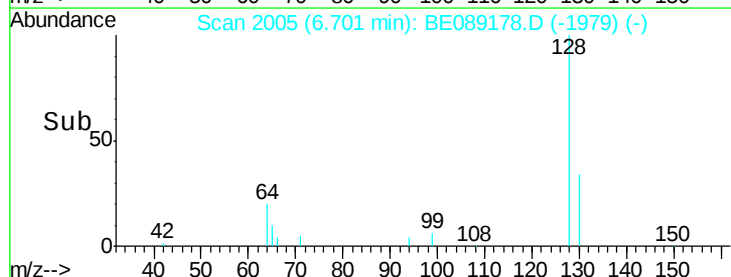
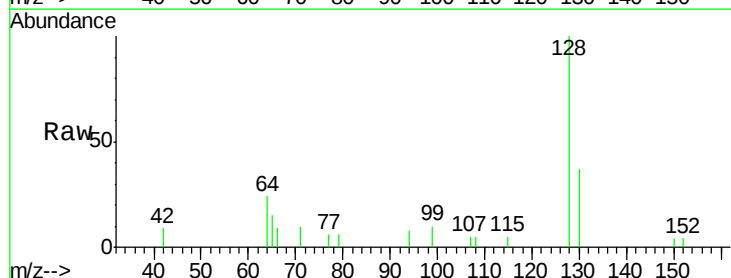
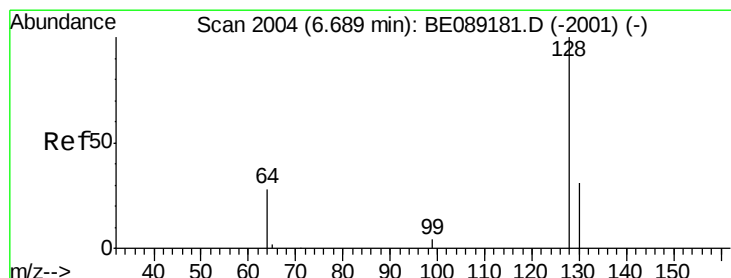
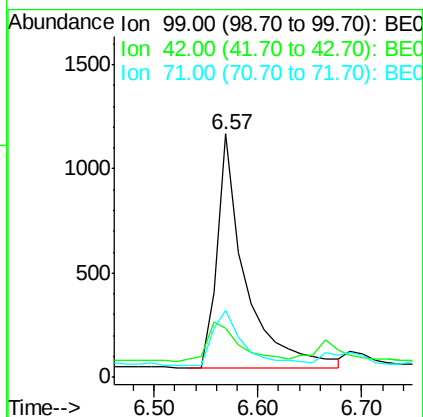
BNA_E

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#4

2-Chlorophenol

Concen: 0.25 ng

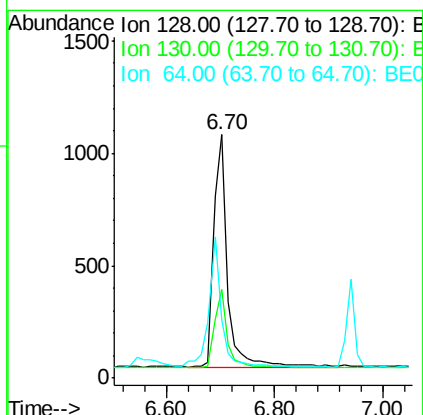
RT: 6.70 min Scan# 2005

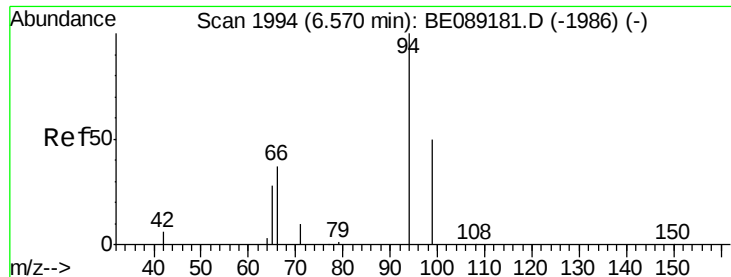
Delta R.T. 0.01 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Tgt Ion:	128	Resp:	1780
Ion	Ratio	Lower	Upper
128	100		
130	36.6	11.2	51.2
64	23.7	10.6	50.6





#5

Phenol

Concen: 0.24 ng

RT: 6.58 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

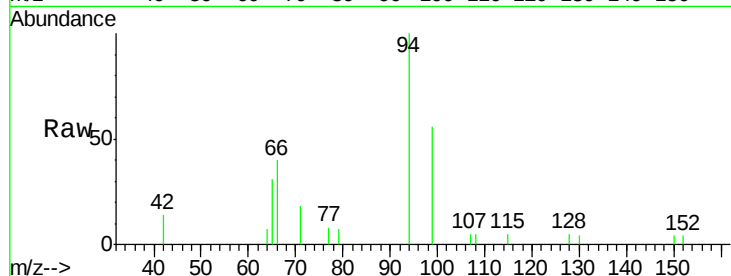
LabSampleId :

SSTDIC0.2

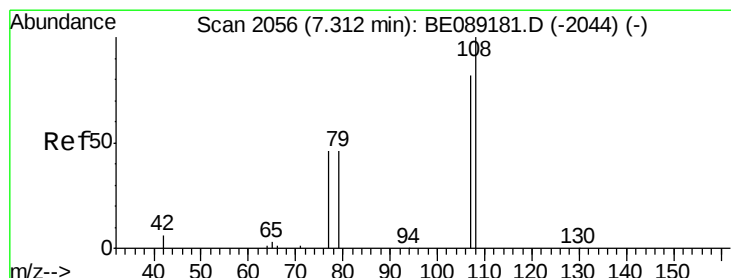
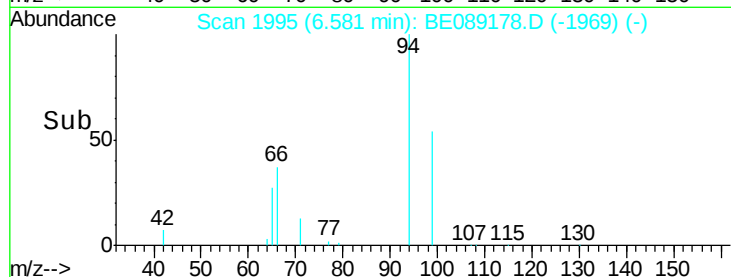
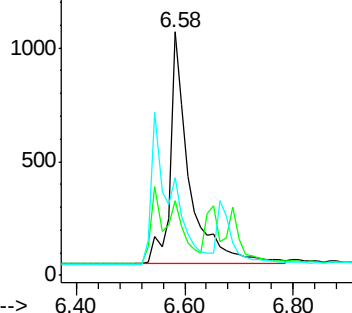
Tgt Ion:	94	Resp:	2534
Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.0	49.0
66	40.1	17.7	57.7

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Abundance Ion 94.00 (93.70 to 94.70): BE0
Ion 65.00 (64.70 to 65.70): BE0
Ion 66.00 (65.70 to 66.70): BE0



#6

2-Methylphenol

Concen: 0.11 ng

RT: 7.32 min Scan# 2057

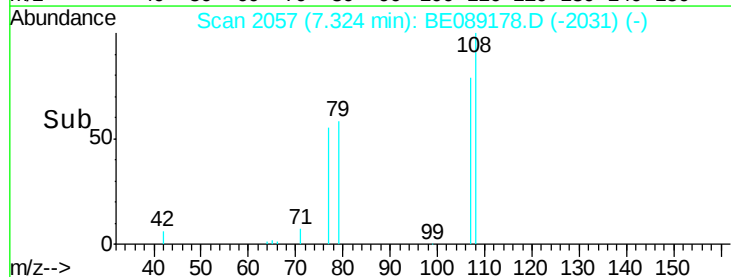
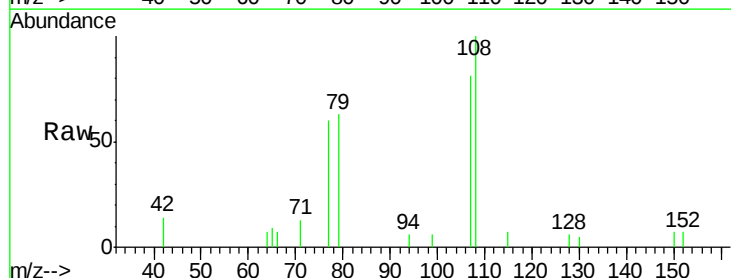
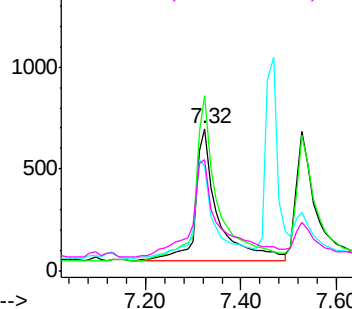
Delta R.T. 0.01 min

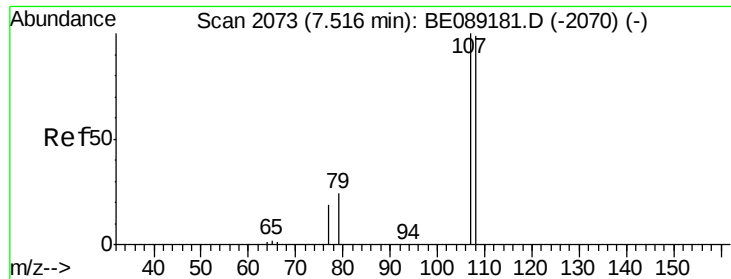
Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Tgt Ion:	107	Resp:	2088
Ion	Ratio	Lower	Upper
107	100		
108	123.4	97.6	146.4
77	74.2	45.8	68.6#
79	78.2	46.1	69.1#

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BE0
Ion 79.00 (78.70 to 79.70): BE0





#7

3+4-Methylphenols

Concen: 0.07 ng

RT: 7.53 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BE089178.D

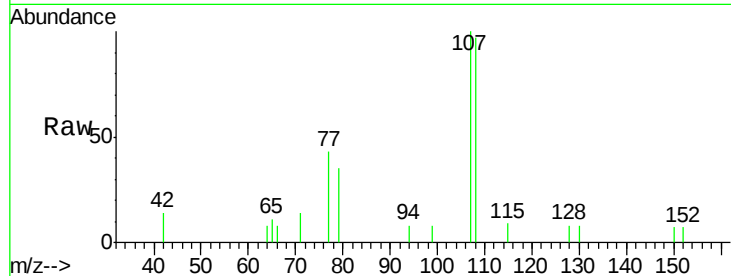
Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2



Tgt Ion:107 Resp: 1651

Ion Ratio Lower Upper

107 100

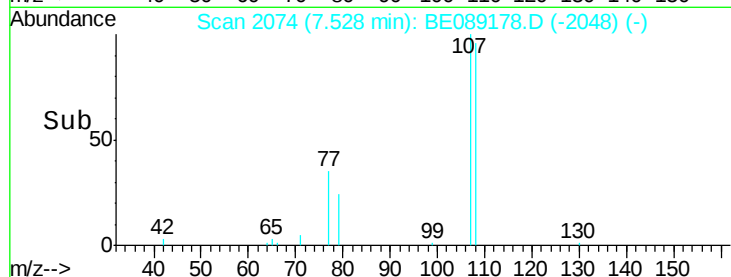
108 97.1 80.4 120.4

77 42.6 12.4 52.4

79 35.4 8.3 48.3

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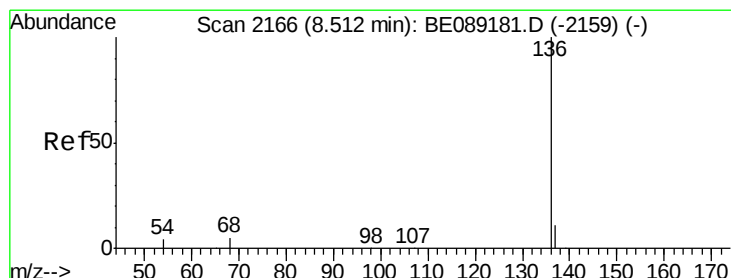
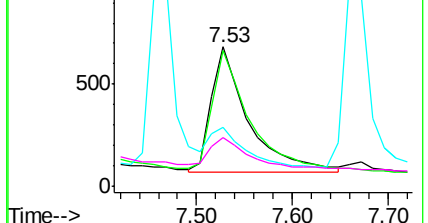


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BE0

Ion 79.00 (78.70 to 79.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 8.51 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Tgt Ion:136 Resp: 111610

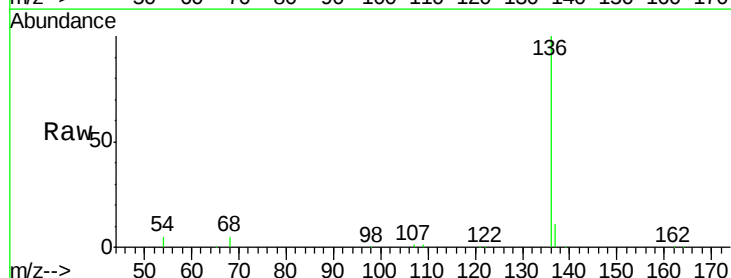
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.0 3.4 5.2

68 5.2 3.8 5.6

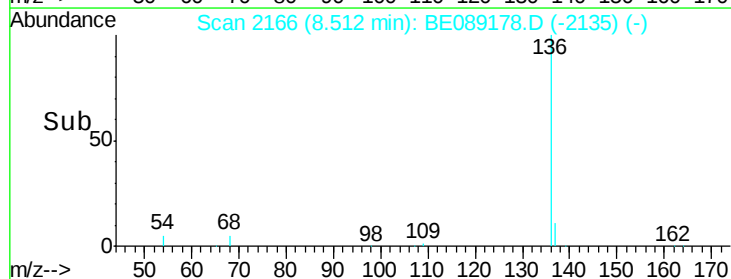
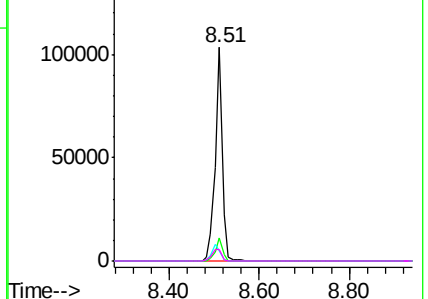


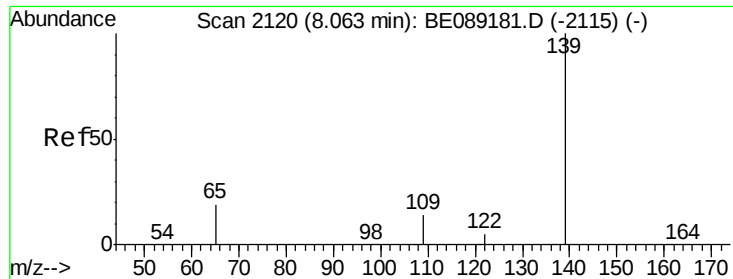
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

2-Nitrophenol

Concen: 0.46 ng

RT: 8.06 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

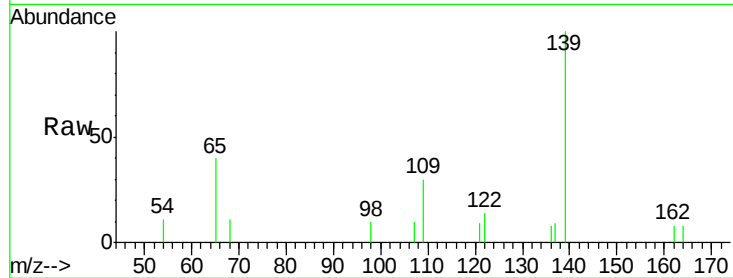
LabSampleId :

SSTDIC0.2

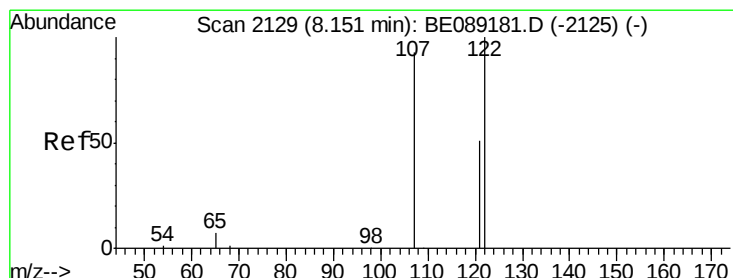
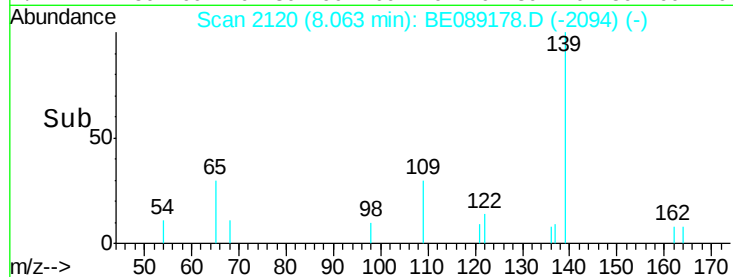
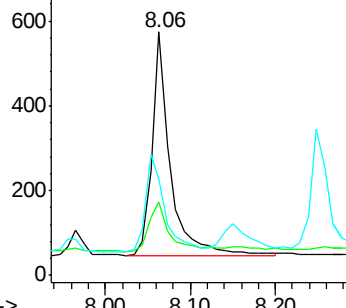
Tgt Ion:	139	Resp:	787
Ion Ratio	Lower	Upper	
139	100		
109	30.0	13.0	19.4#
65	39.9	16.4	24.6#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



#10

2,4-Dimethylphenol

Concen: 0.25 ng

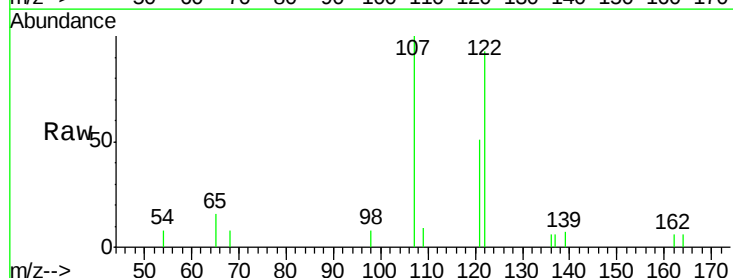
RT: 8.15 min Scan# 2129

Delta R.T. -0.00 min

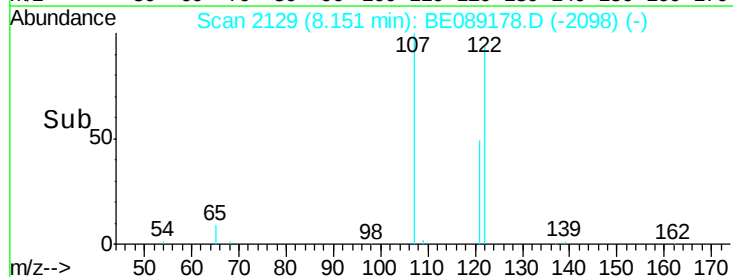
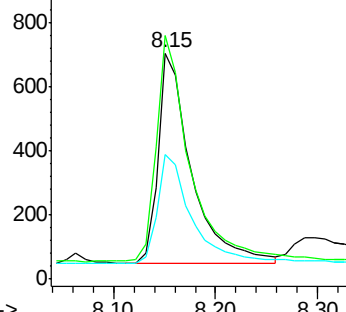
Lab File: BE089178.D

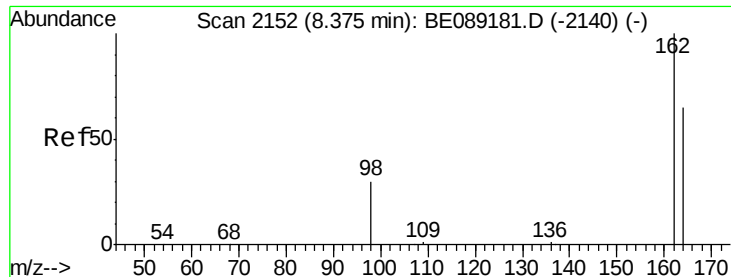
Acq: 8 Dec 2014 22:21

Tgt Ion:	122	Resp:	1504
Ion Ratio	Lower	Upper	
122	100		
107	107.6	74.3	111.5
121	55.3	41.5	62.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





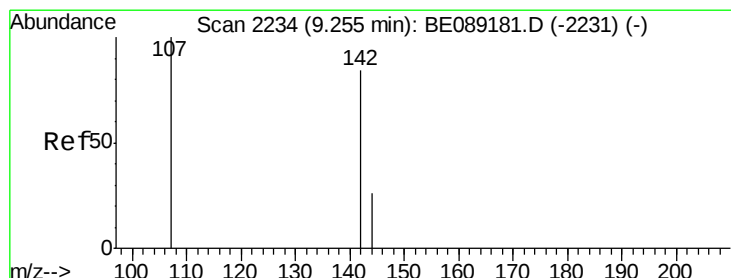
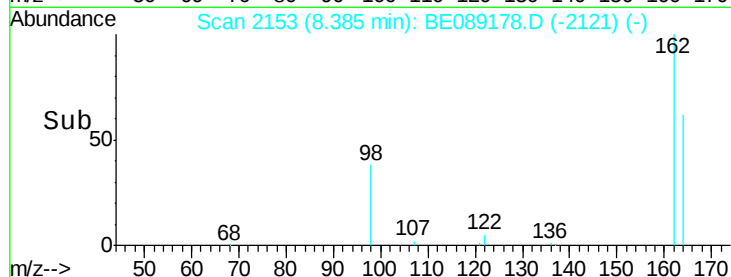
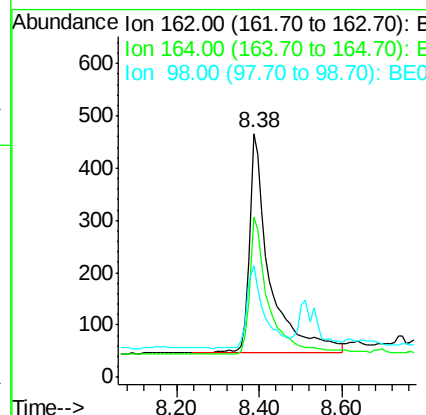
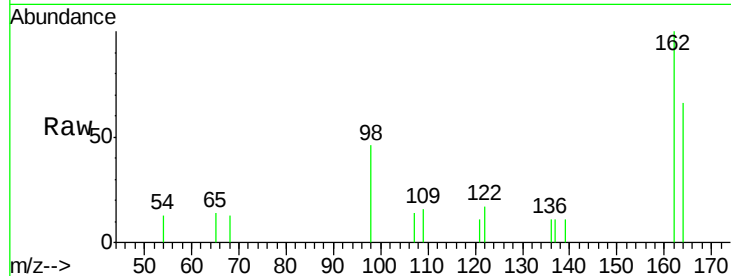
#11
 2,4-Dichlorophenol
 Concen: 0.32 ng
 RT: 8.38 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.3	85.3
98	45.9	10.9	50.9

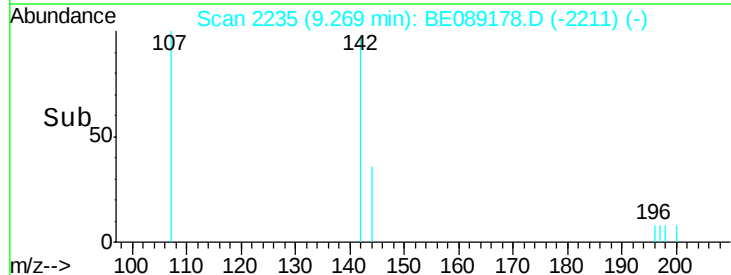
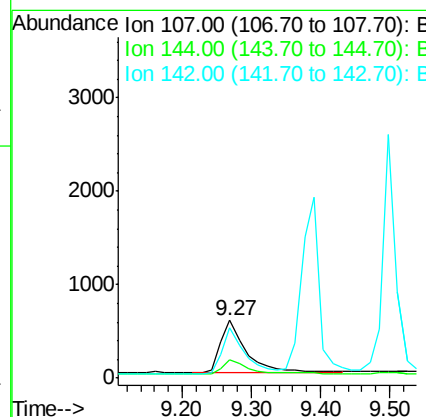
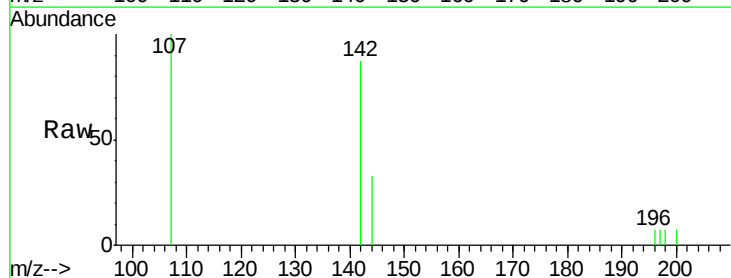
Manual Integrations
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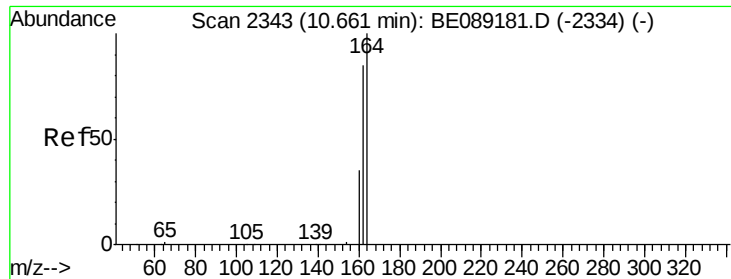
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#12
 4-Chloro-3-methylphenol
 Concen: 0.23 ng
 RT: 9.27 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	32.5	21.3	31.9#
142	87.0	66.7	100.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.66 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

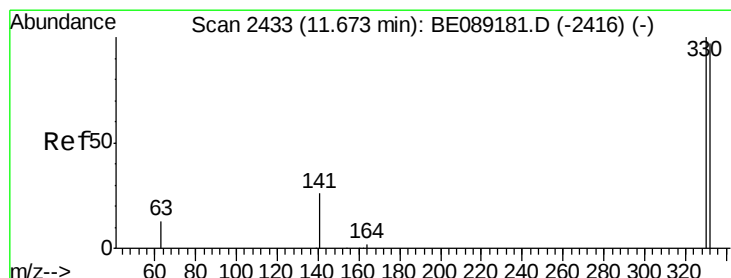
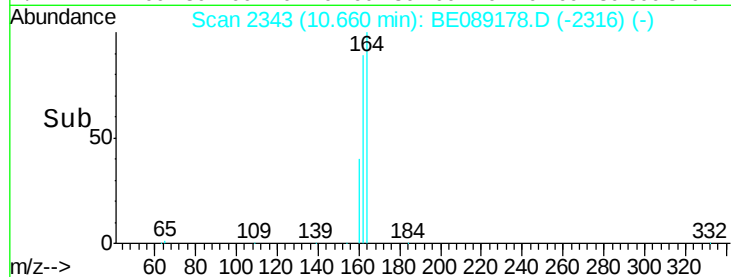
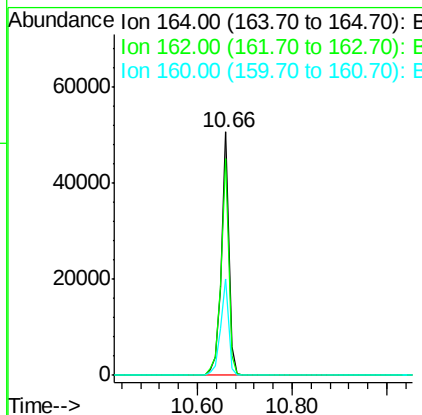
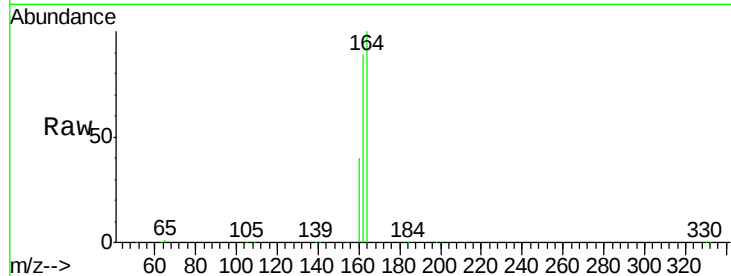
LabSampleId :

SSTDIC0.2

Tgt Ion:	164	Resp:	54223
Ion Ratio	Lower	Upper	
164	100		
162	89.0	68.0	102.0
160	39.6	28.2	42.2

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#14

2,4,6-Tribromophenol

Concen: 0.33 ng

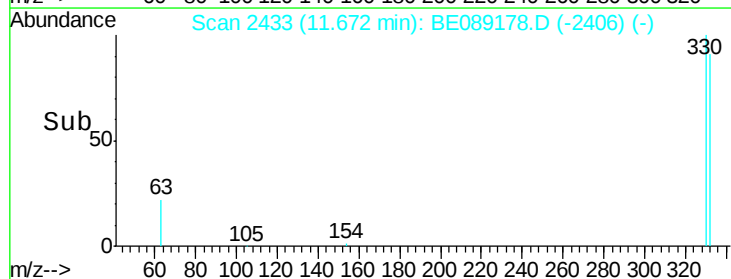
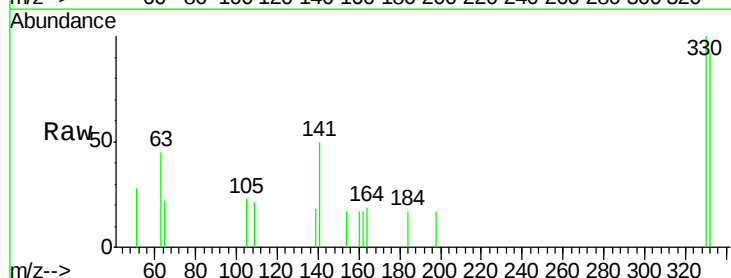
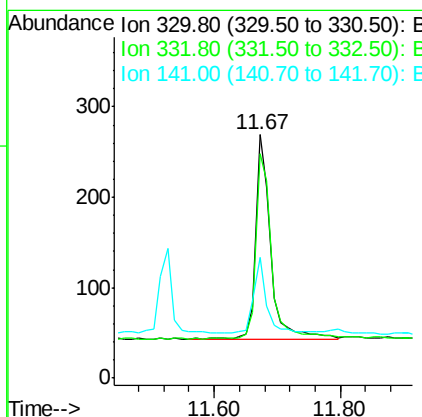
RT: 11.67 min Scan# 2433

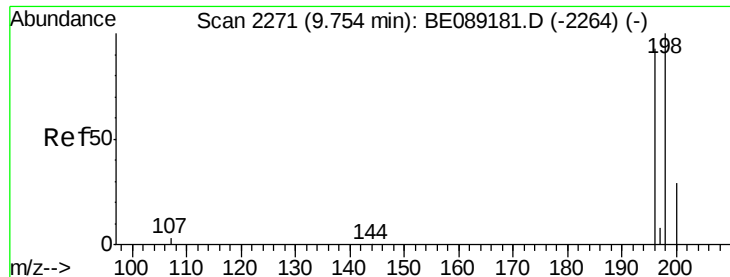
Delta R.T. -0.00 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

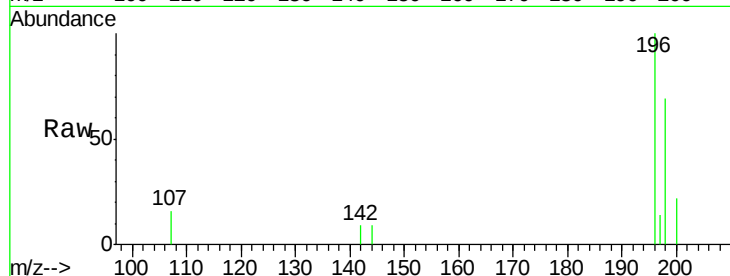
Tgt Ion:	330	Resp:	376
Ion Ratio	Lower	Upper	
330	100		
332	98.4	76.8	115.2
141	31.6	28.4	42.6





#15
 2,4,6-Trichlorophenol
 Concen: 0.30 ng m
 RT: 9.75 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

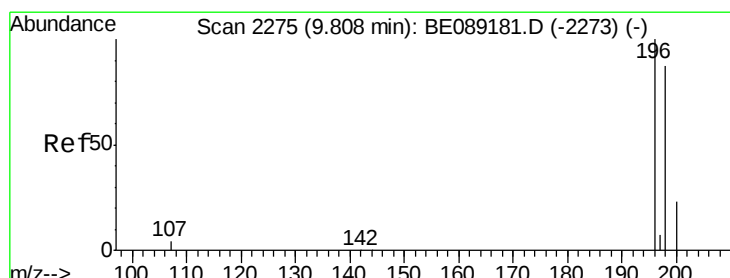
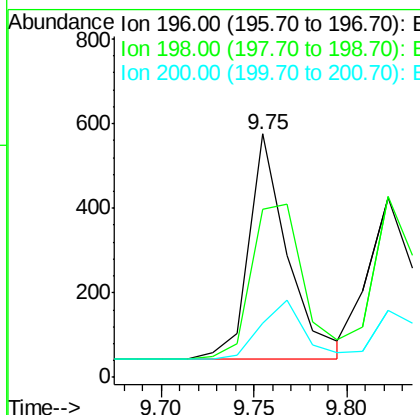
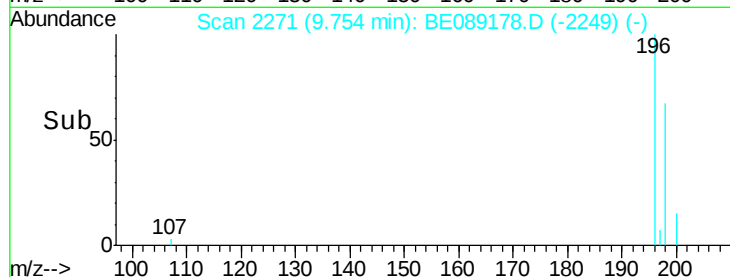
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2



Tgt Ion:196 Resp: 776
 Ion Ratio Lower Upper
 196 100
 198 69.1 85.6 128.4#
 200 22.0 25.4 38.2#

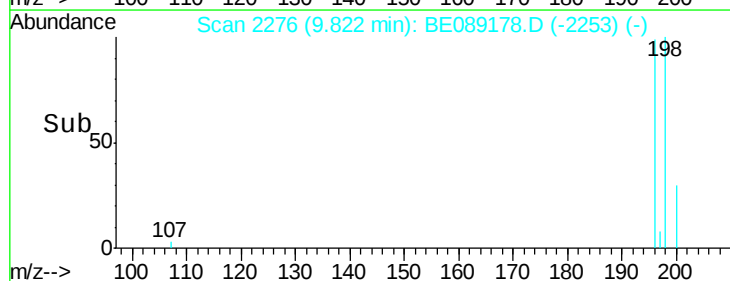
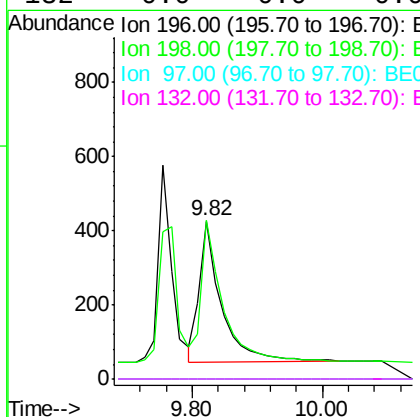
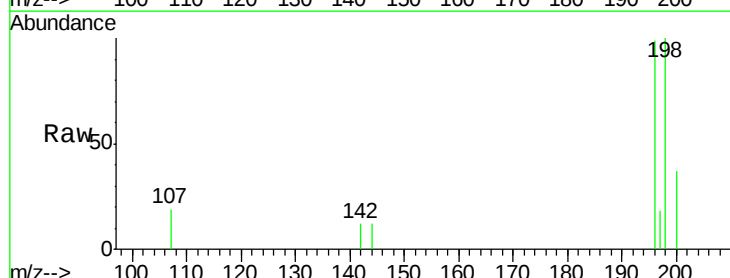
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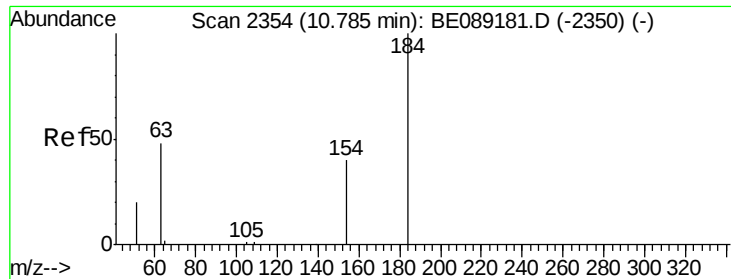
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#16
 2,4,5-Trichlorophenol
 Concen: 0.29 ng
 RT: 9.82 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

Tgt Ion:196 Resp: 873
 Ion Ratio Lower Upper
 196 100
 198 100.7 70.8 106.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0





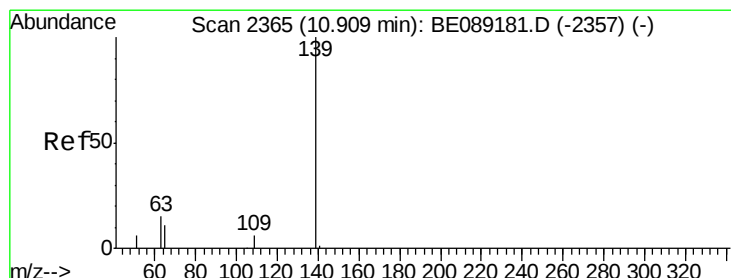
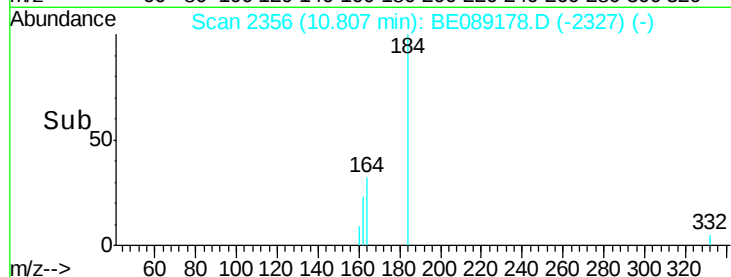
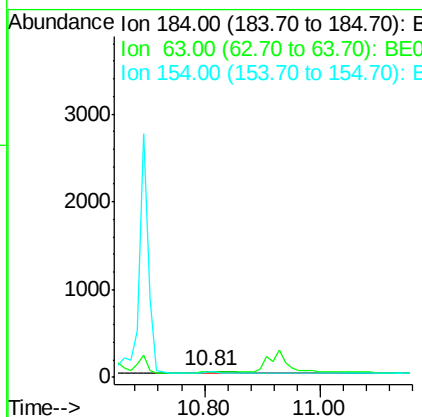
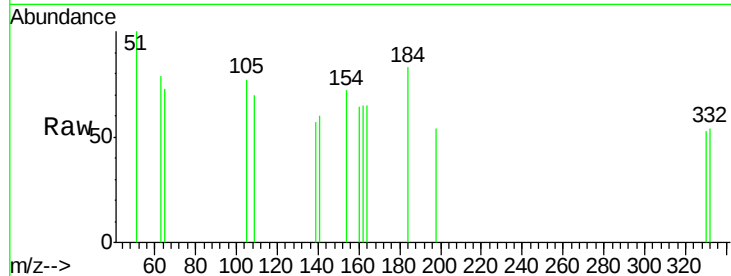
#17
2,4-Dinitrophenol
Concen: 0.16 ng
RT: 10.81 min Scan# 2356
Delta R.T. 0.02 min
Lab File: BE089178.D
Acq: 8 Dec 2014 22:21

Instrument :
BNA_E
LabSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
184	100		
63	95.5	45.2	67.8#
154	86.6	39.5	59.3#

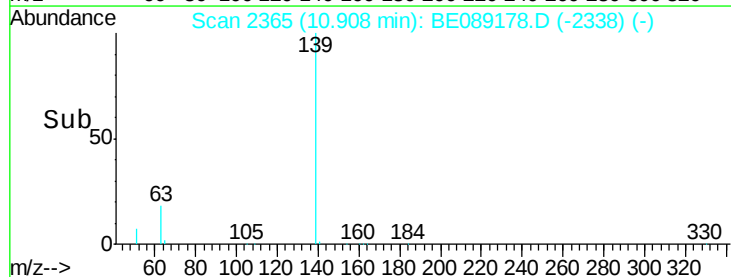
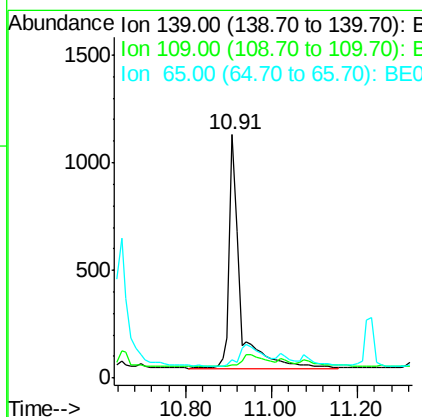
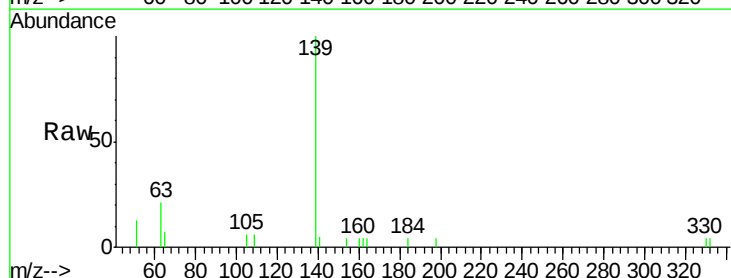
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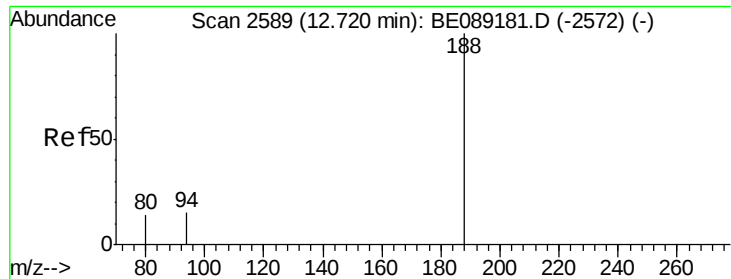
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#18
4-Nitrophenol
Concen: 0.66 ng
RT: 10.91 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BE089178.D
Acq: 8 Dec 2014 22:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.7	0.0	26.6
65	7.3	0.0	31.7





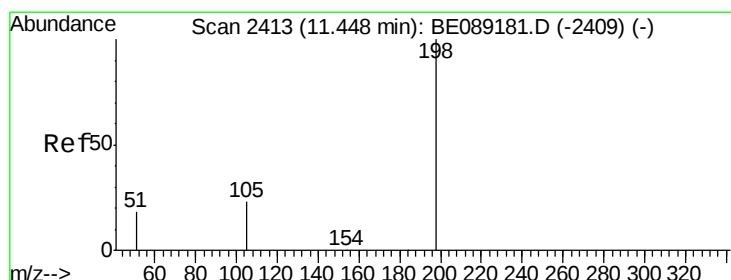
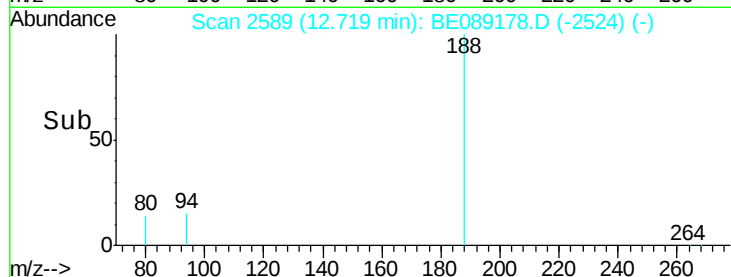
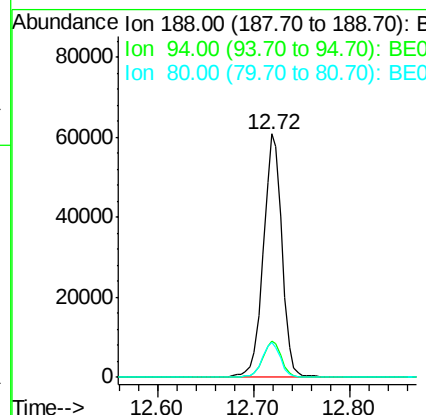
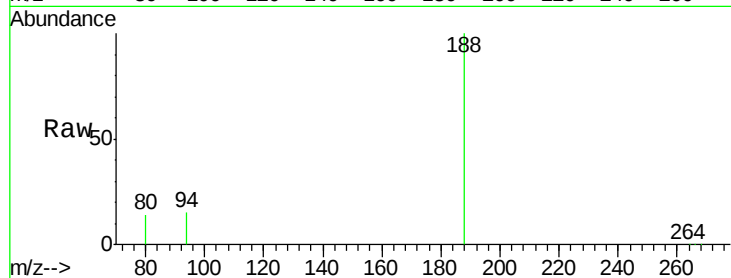
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BE089178.D
Acq: 8 Dec 2014 22:21

Instrument :
BNA_E
LabSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.0	11.7	17.5
80	14.3	11.0	16.4

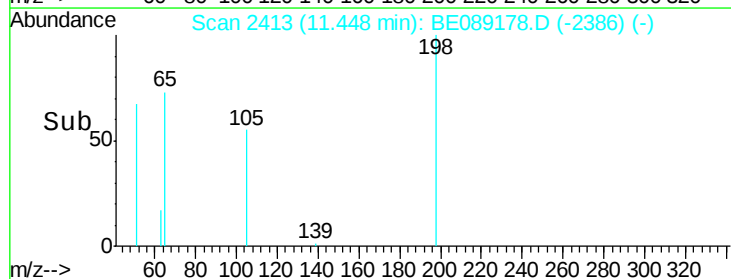
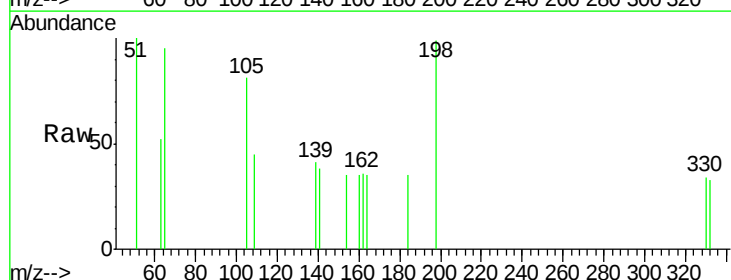
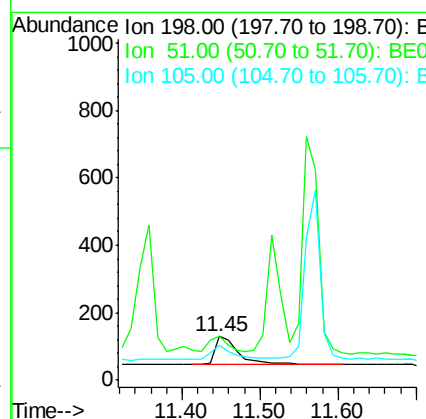
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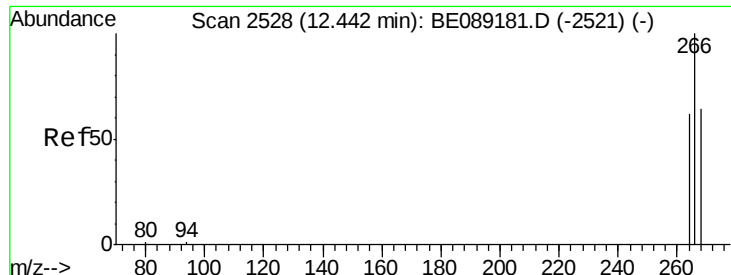
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#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 11.45 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BE089178.D
Acq: 8 Dec 2014 22:21

Tgt Ion	Ratio	Lower	Upper
198	100		
51	100.8	10.8	50.8#
105	81.4	10.4	50.4#





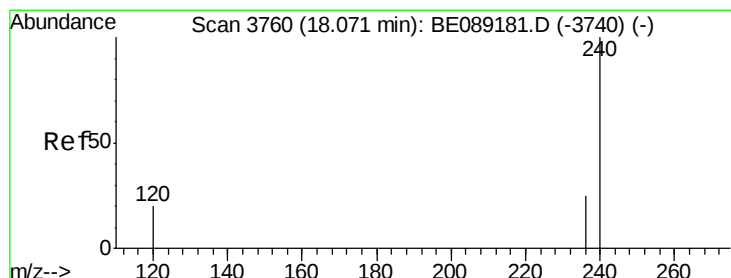
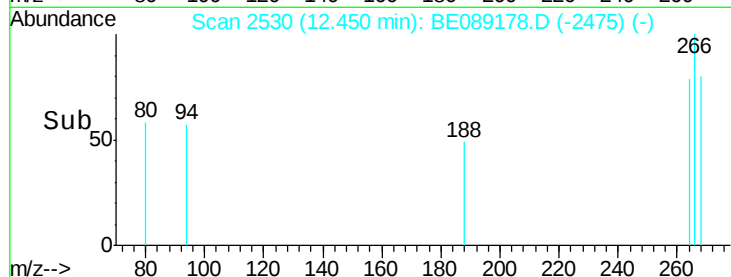
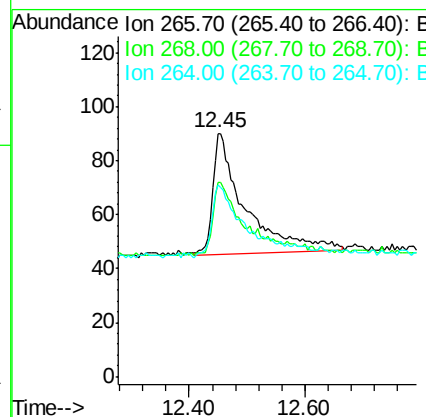
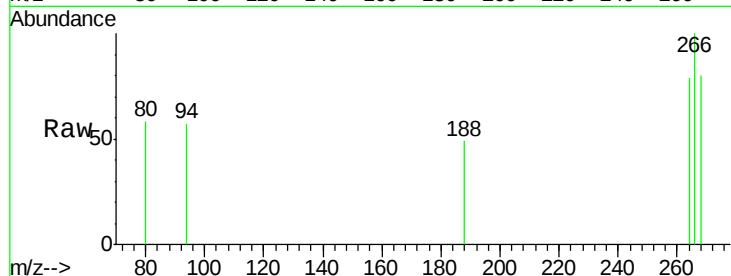
#21
 Pentachlorophenol
 Concen: 0.45 ng m
 RT: 12.45 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
266	100		
268	80.0	53.9	80.9
264	78.9	52.6	78.8

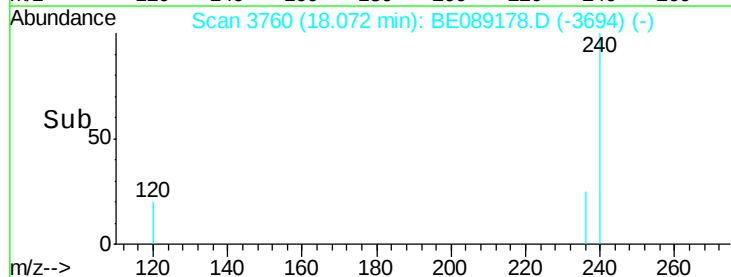
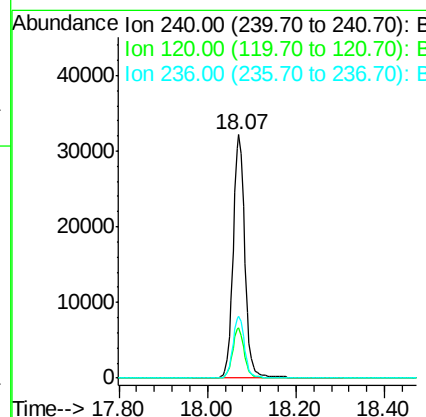
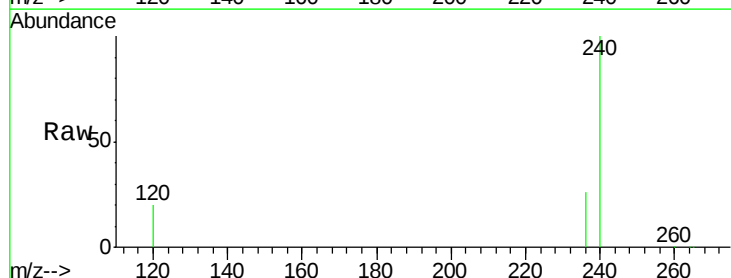
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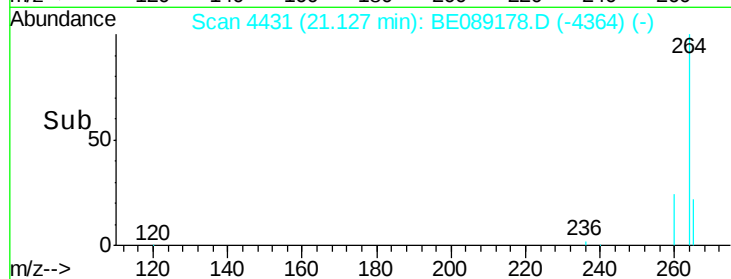
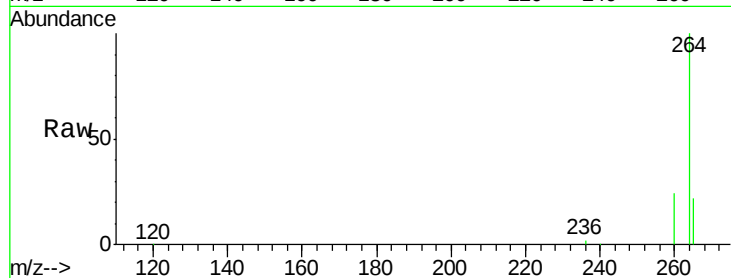
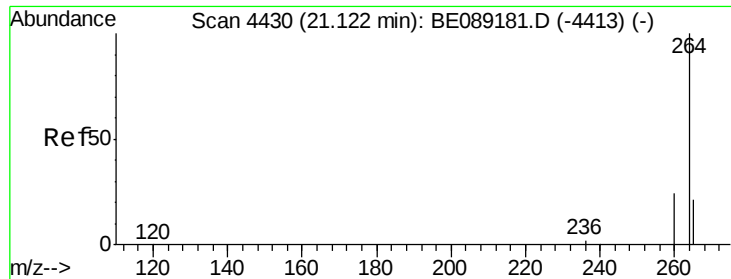
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#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.07 min Scan# 3760
 Delta R.T. 0.00 min
 Lab File: BE089178.D
 Acq: 8 Dec 2014 22:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.5	15.8	23.8
236	25.6	20.2	30.4





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 4431

Delta R.T. 0.01 min

Lab File: BE089178.D

Acq: 8 Dec 2014 22:21

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

Tgt Ion:	264	Resp:	53160
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.4
265	21.7	17.2	25.8

Manual Integrations
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