

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089177.D
 Acq On : 8 Dec 2014 21:45
 Operator : TP/JJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.1

Manual Integrations
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Quant Time: Dec 09 04:10:25 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 03:43:18 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	31372	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	120250	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	58616	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	89602	5.00	ng	0.00
22) Chrysene-d12	18.07	240	68180	5.00	ng	0.00
23) Perylene-d12	21.13	264	62502	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.29	112	604	0.07	ng	0.01
3) Phenol-d6	6.57	99	970	0.09	ng	0.01
14) 2,4,6-Tribromophenol	11.68	330	175	0.25	ng	0.01
Target Compounds						Qvalue
4) 2-Chlorophenol	6.70	128	856	0.11	ng	92
5) Phenol	6.59	94	1205	0.11	ng	91
6) 2-Methylphenol	7.32	107	1046m	0.05	ng	
7) 3+4-Methylphenols	7.54	107	761	0.03	ng	# 84
9) 2-Nitrophenol	8.06	139	352	0.32	ng	# 27
10) 2,4-Dimethylphenol	8.16	122	699	0.11	ng	90
11) 2,4-Dichlorophenol	8.40	162	650	0.18	ng	# 84
12) 4-Chloro-3-methylphenol	9.27	107	664	0.09	ng	# 93
15) 2,4,6-Trichlorophenol	9.75	196	359	0.18	ng	# 63
16) 2,4,5-Trichlorophenol	9.82	196	432	0.16	ng	89
18) 4-Nitrophenol	10.91	139	646	0.19	ng	94
20) 4,6-Dinitro-2-methylphenol	11.46	198	71	0.22	ng	# 1
21) Pentachlorophenol	12.46	266	101m	0.42	ng	

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

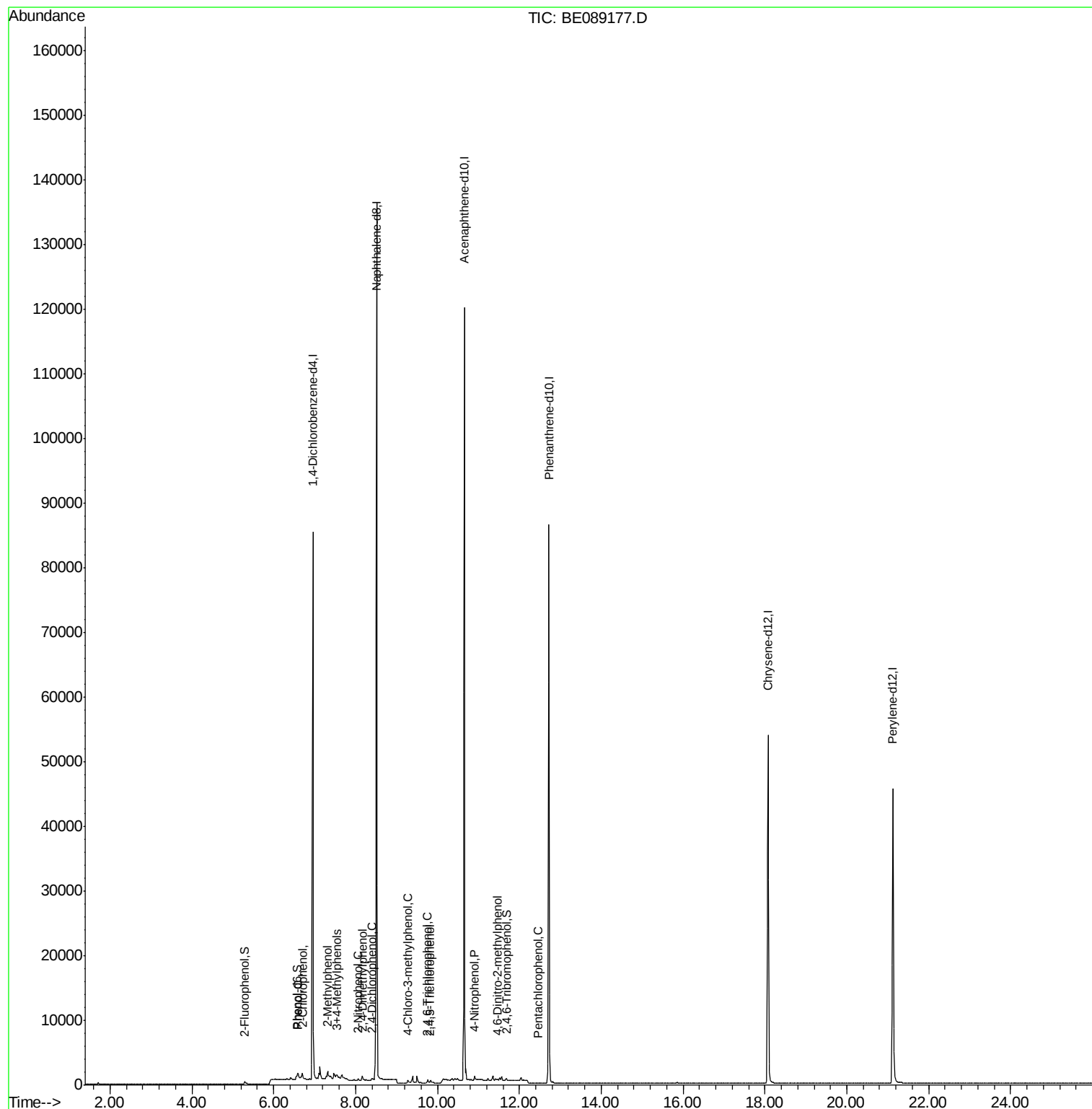
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
Data File : BE089177.D
Acq On : 8 Dec 2014 21:45
Operator : TP/JJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

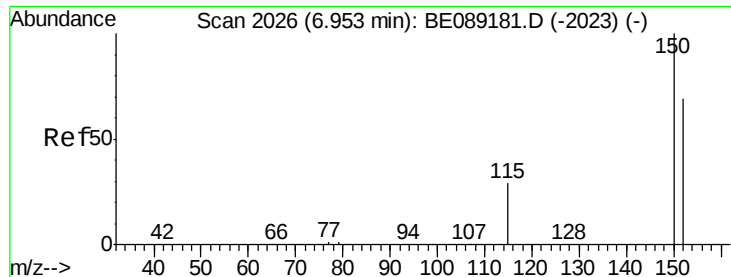
Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 03:43:18 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE089177.D

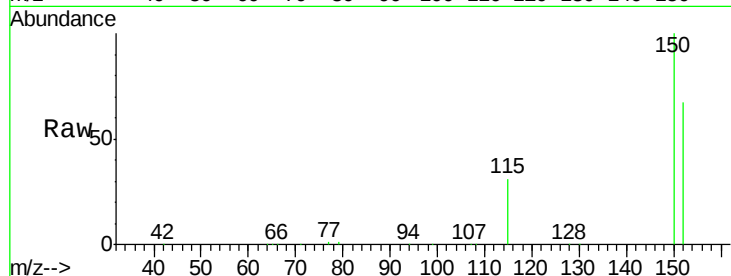
Acq: 8 Dec 2014 21:45

Instrument :

BNA_E

LabSampleId :

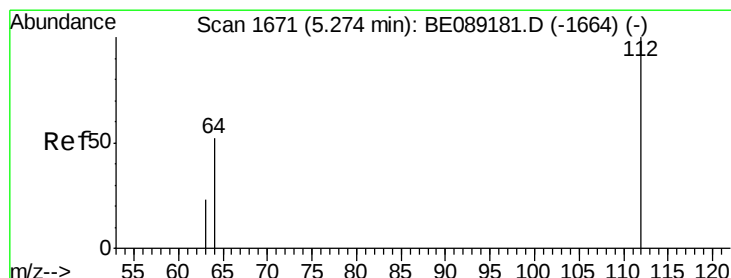
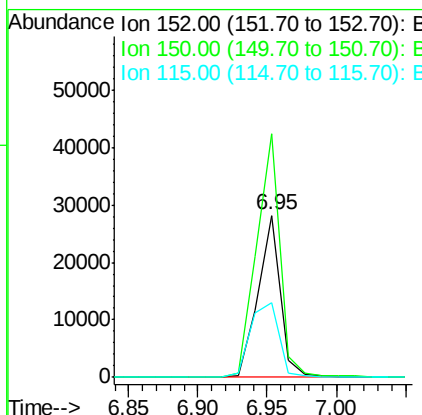
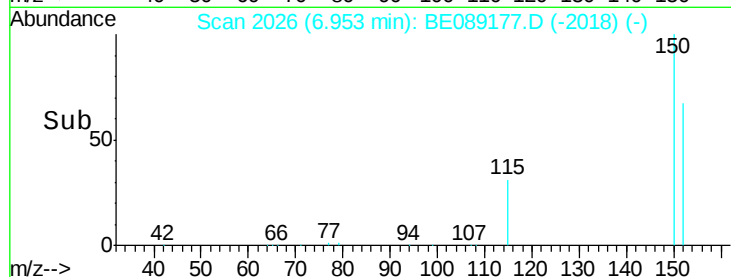
SSTDICC0.1



Tgt Ion:	152	Resp:	31372
Ion Ratio	Lower	Upper	
152	100		
150	150.0	115.4	173.2
115	46.0	33.3	49.9

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#2

2-Fluorophenol

Concen: 0.07 ng

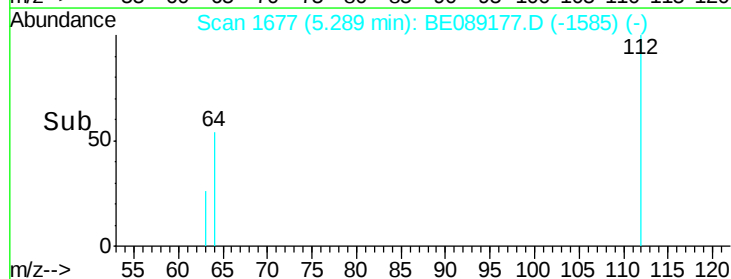
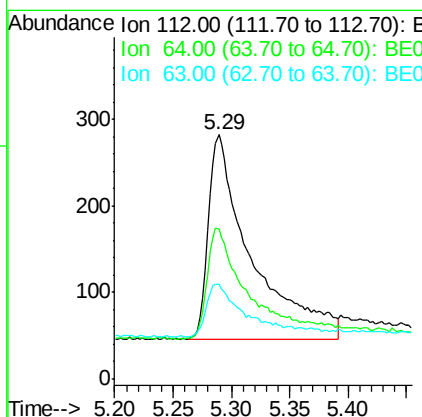
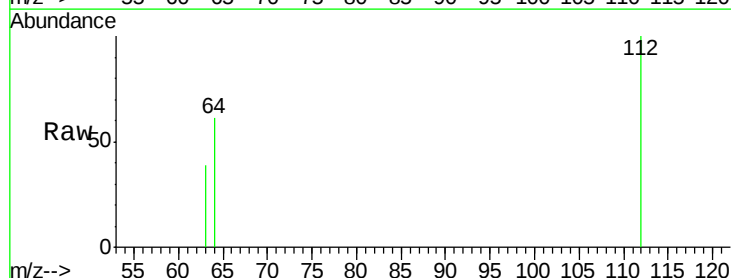
RT: 5.29 min Scan# 1677

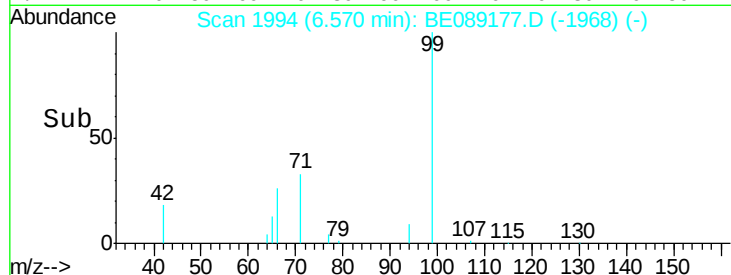
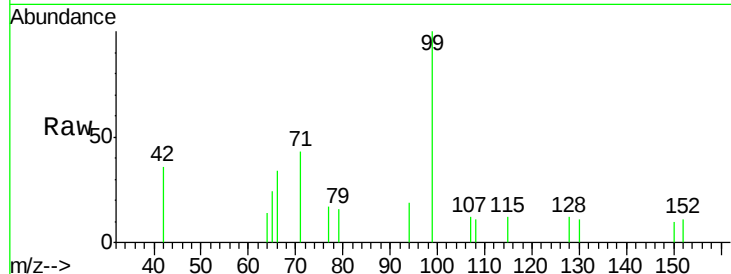
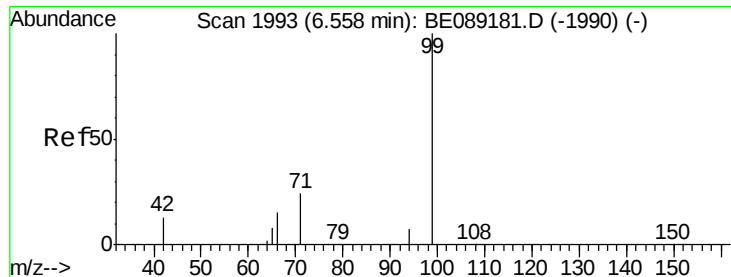
Delta R.T. 0.01 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion:	112	Resp:	604
Ion Ratio	Lower	Upper	
112	100		
64	61.3	42.3	63.5
63	38.7	20.0	30.0#





#3

Phenol-d6

Concen: 0.09 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion:	99	Resp:	970
Ion	Ratio	Lower	Upper
99	100		
42	36.3	11.2	16.8#
71	43.3	19.3	28.9#

Instrument :

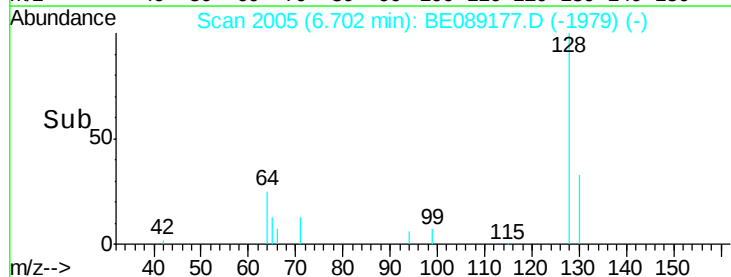
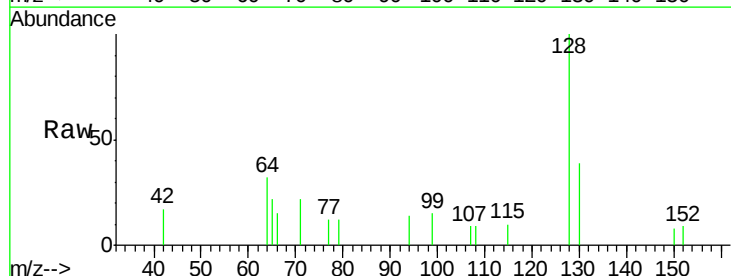
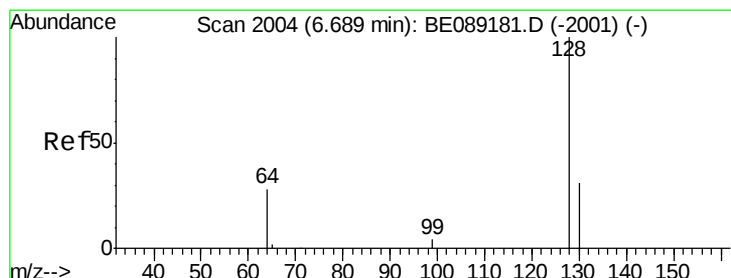
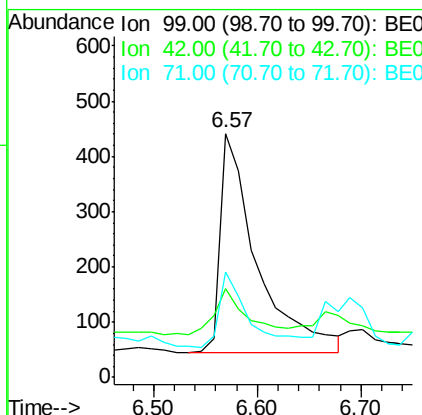
BNA_E

LabSampleId :

SSTDICC0.1

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#4

2-Chlorophenol

Concen: 0.11 ng

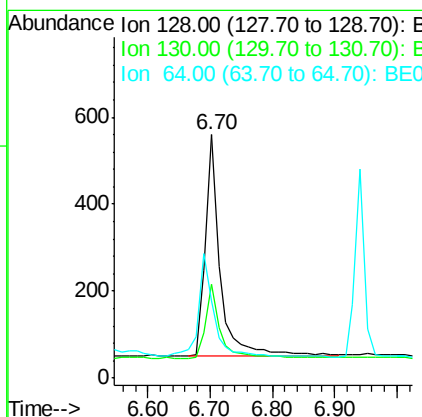
RT: 6.70 min Scan# 2005

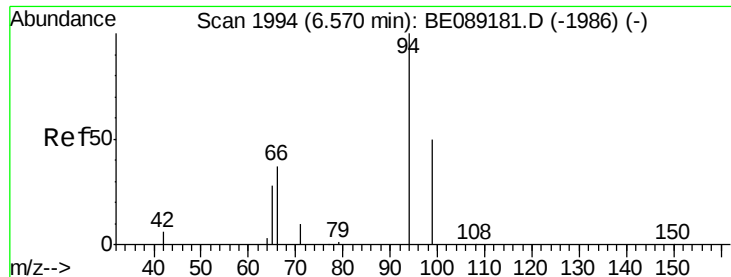
Delta R.T. 0.01 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion:	128	Resp:	856
Ion	Ratio	Lower	Upper
128	100		
130	38.6	11.2	51.2
64	31.8	10.6	50.6





#5

Phenol

Concen: 0.11 ng

RT: 6.59 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Instrument :

BNA_E

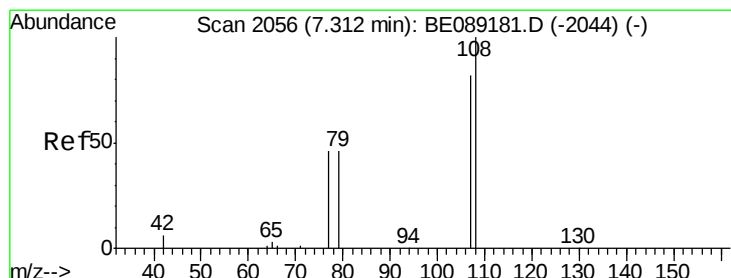
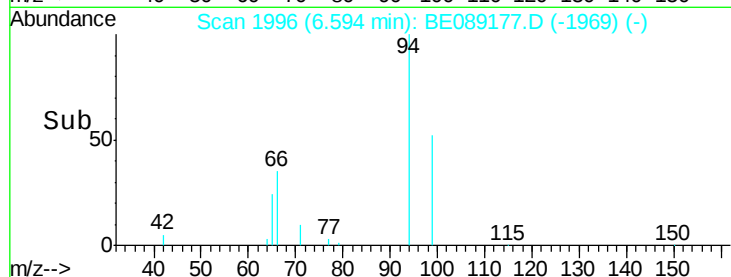
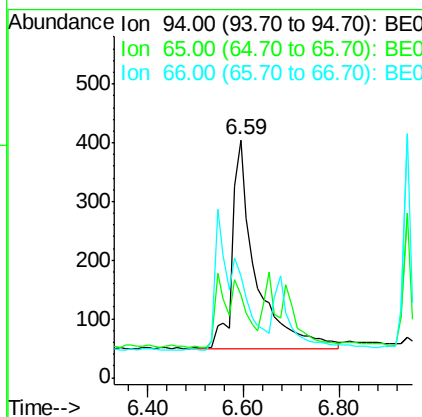
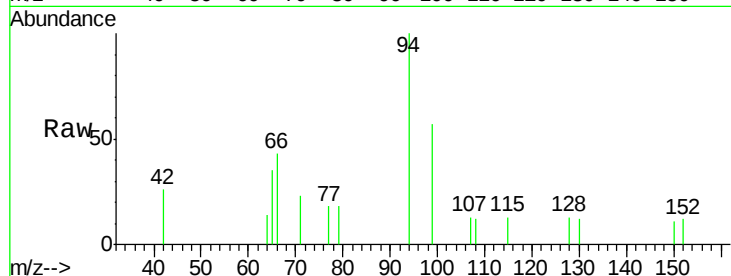
LabSampleId :

SSTDICC0.1

Tgt Ion:	94	Resp:	1205
Ion	Ratio	Lower	Upper
94	100		
65	34.6	9.0	49.0
66	42.7	17.7	57.7

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#6

2-Methylphenol

Concen: 0.05 ng m

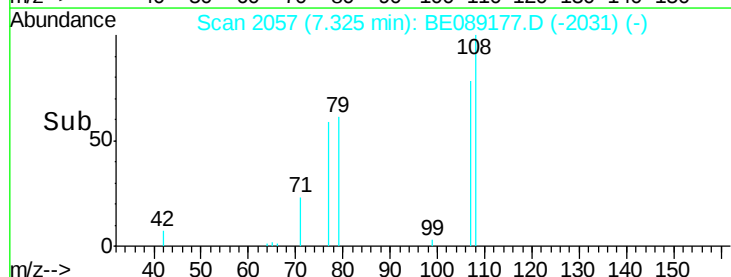
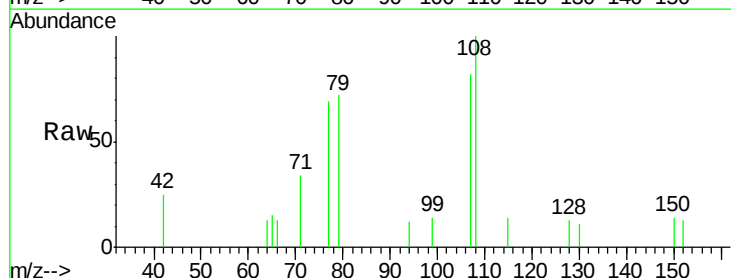
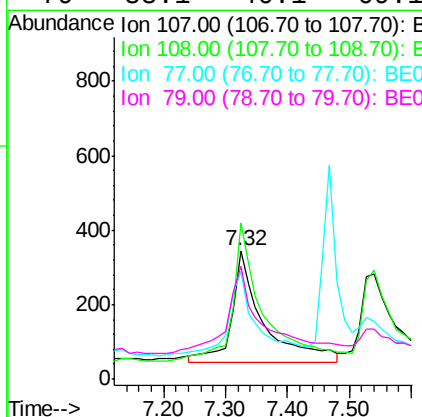
RT: 7.32 min Scan# 2057

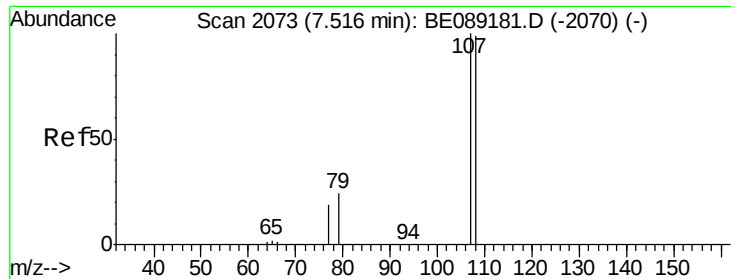
Delta R.T. 0.01 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion:	107	Resp:	1046
Ion	Ratio	Lower	Upper
107	100		
108	122.4	97.6	146.4
77	84.3	45.8	68.6#
79	88.1	46.1	69.1#





#7

3+4-Methylphenols

Concen: 0.03 ng

RT: 7.54 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BE089177.D

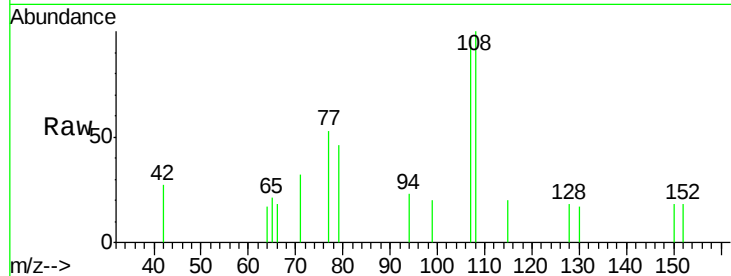
Acq: 8 Dec 2014 21:45

Instrument :

BNA_E

LabSampleId :

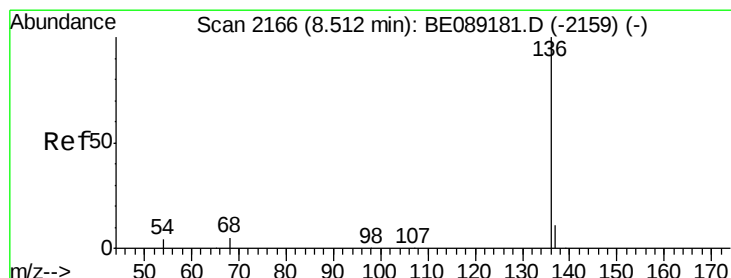
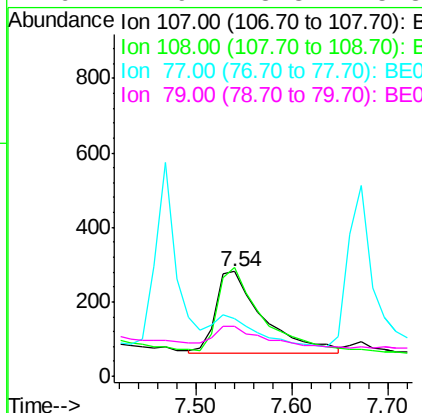
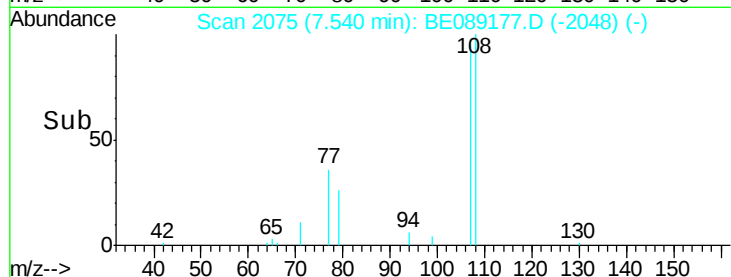
SSTDIC0.1



Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.2	80.4	120.4
77	55.0	12.4	52.4
79	47.9	8.3	48.3

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#8

Naphthalene-d8

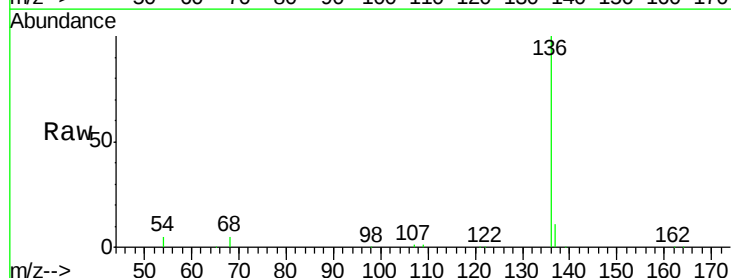
Concen: 5.00 ng

RT: 8.51 min Scan# 2166

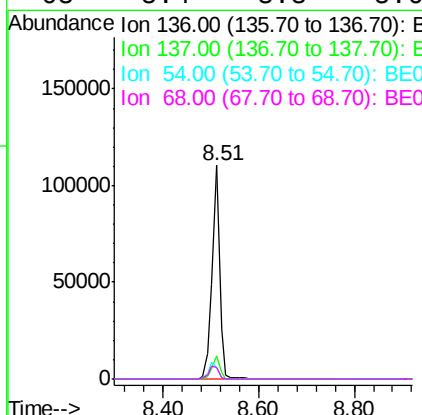
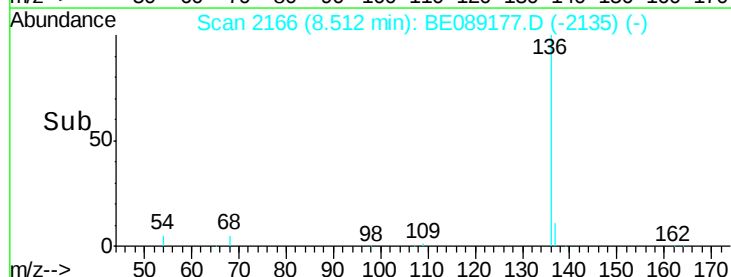
Delta R.T. 0.00 min

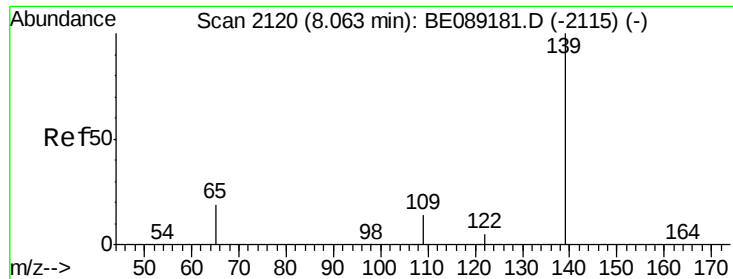
Lab File: BE089177.D

Acq: 8 Dec 2014 21:45



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.1	3.4	5.2
68	5.4	3.8	5.6





#9

2-Nitrophenol

Concen: 0.32 ng

RT: 8.06 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Instrument :

BNA_E

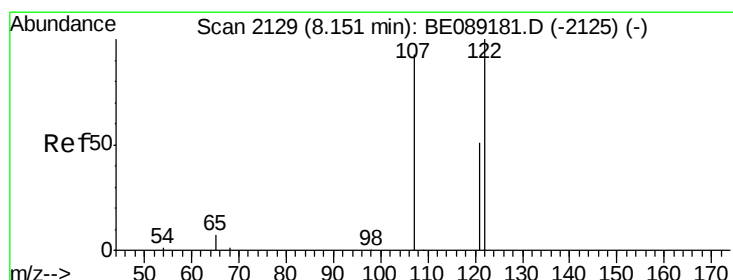
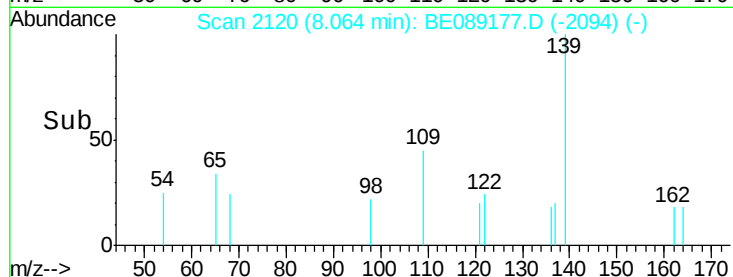
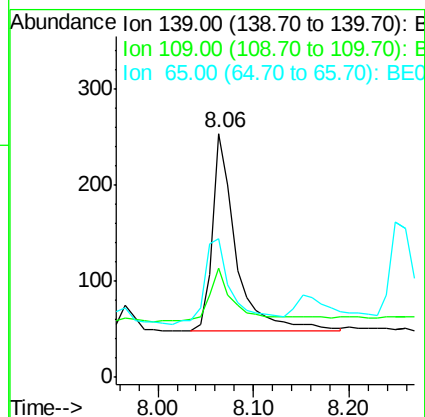
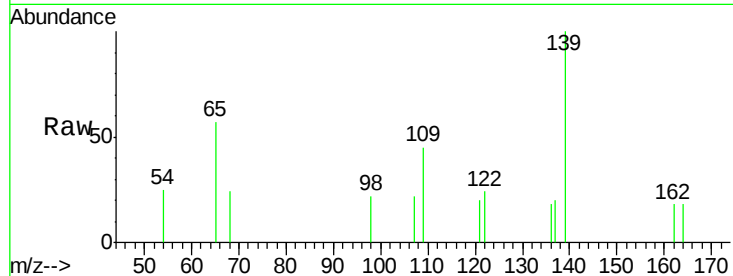
LabSampleId :

SSTDICC0.1

Tgt Ion:	139	Resp:	352
Ion Ratio	Lower	Upper	
139	100		
109	44.7	13.0	19.4#
65	56.9	16.4	24.6#

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#10

2,4-Dimethylphenol

Concen: 0.11 ng

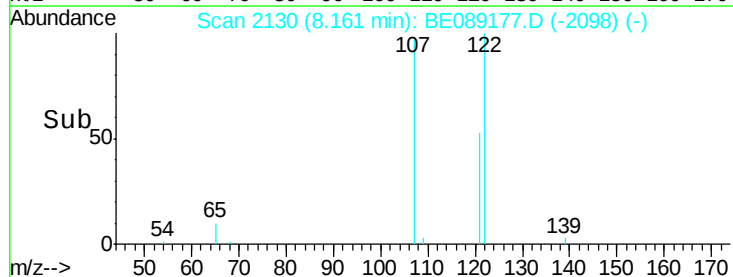
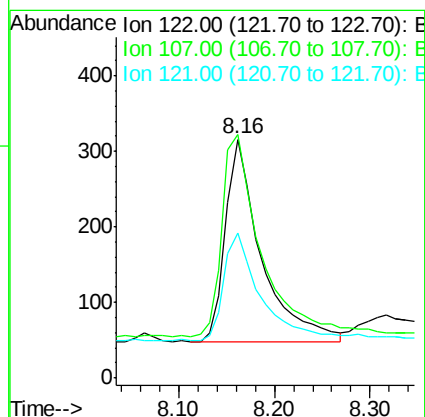
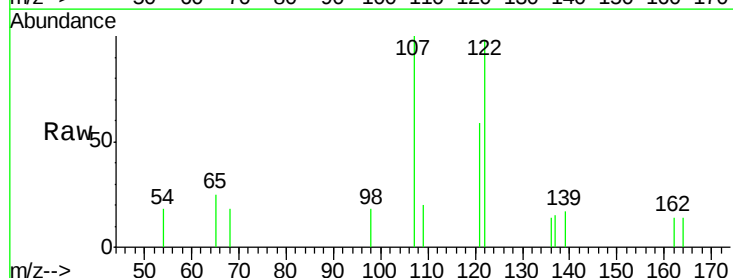
RT: 8.16 min Scan# 2130

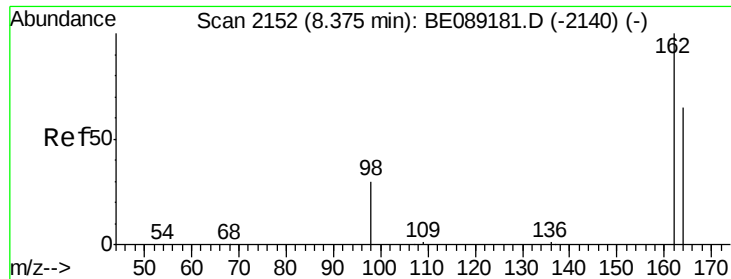
Delta R.T. 0.01 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion:	122	Resp:	699
Ion Ratio	Lower	Upper	
122	100		
107	101.9	74.3	111.5
121	60.4	41.5	62.3





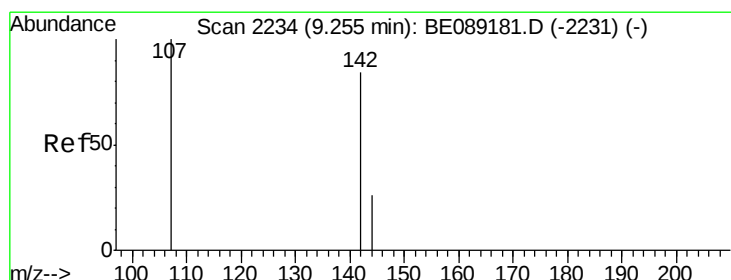
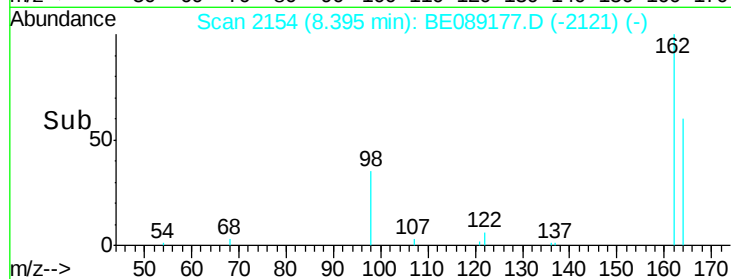
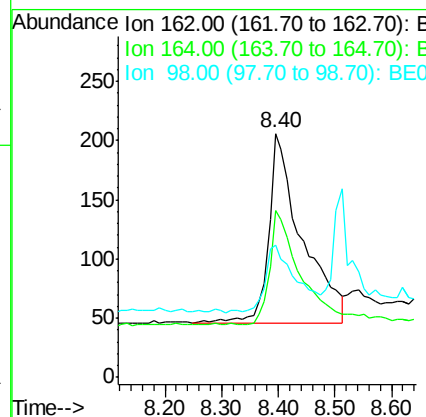
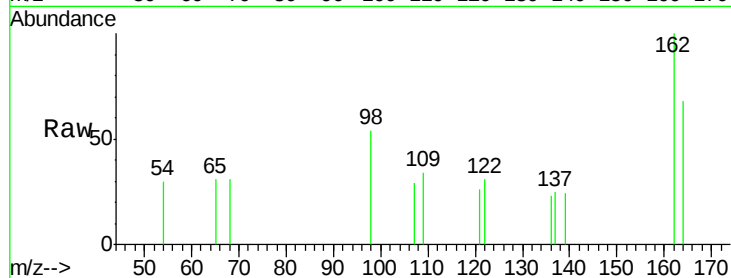
#11
2,4-Dichlorophenol
Concen: 0.18 ng
RT: 8.40 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.4	45.3	85.3
98	54.4	10.9	50.9

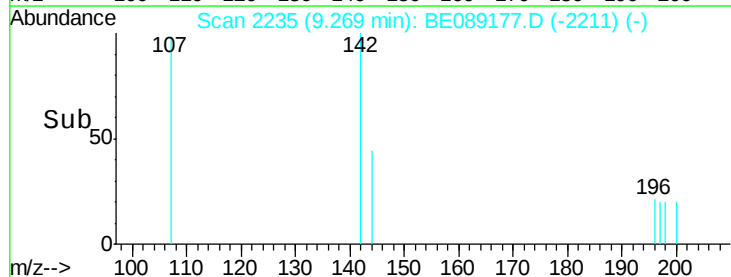
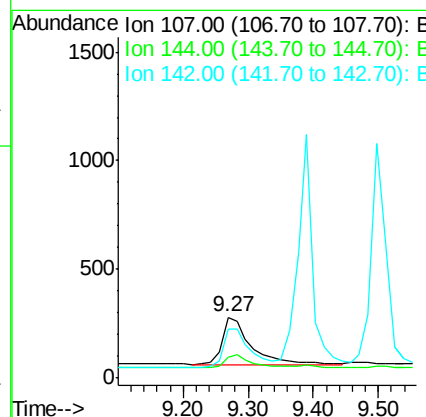
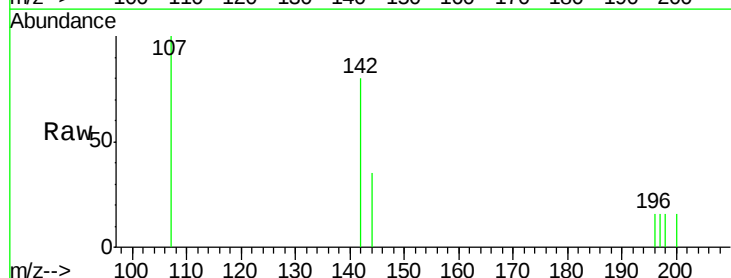
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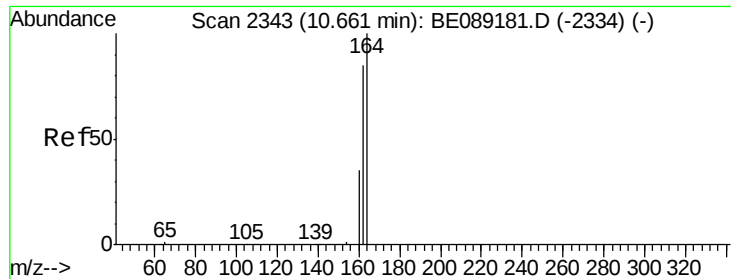
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#12
4-Chloro-3-methylphenol
Concen: 0.09 ng
RT: 9.27 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	34.9	21.3	31.9
142	79.7	66.7	100.1





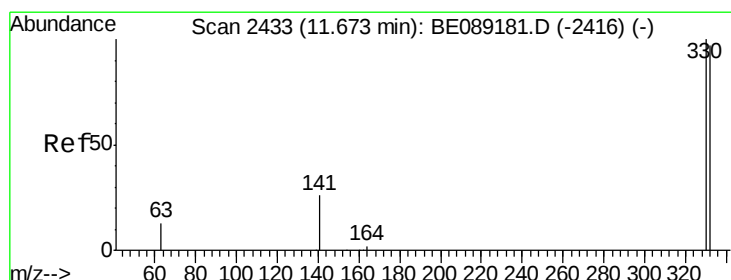
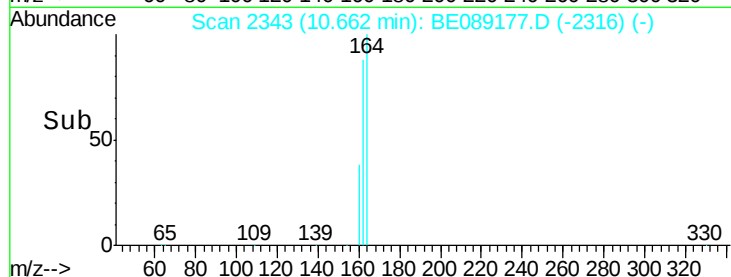
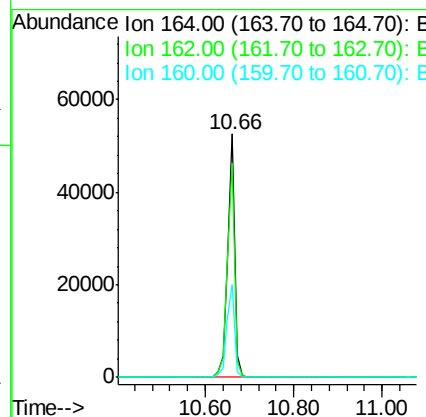
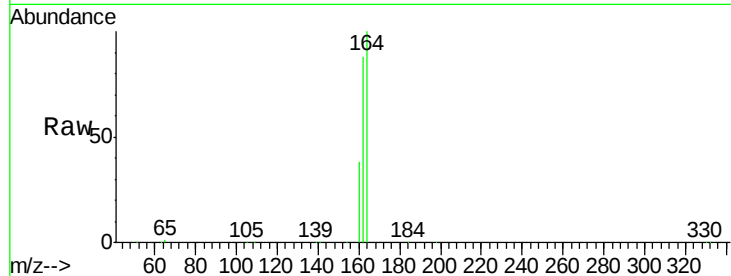
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
164	100		
162	88.2	68.0	102.0
160	38.2	28.2	42.2

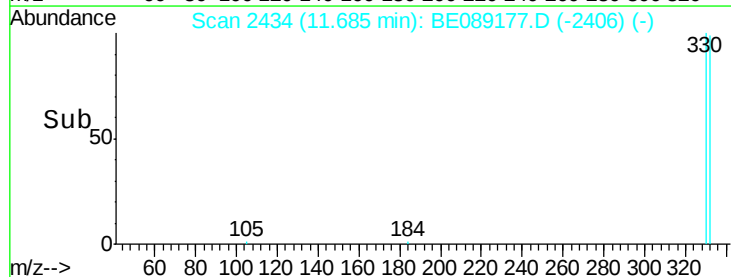
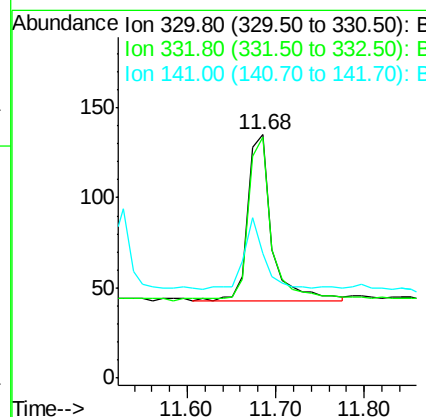
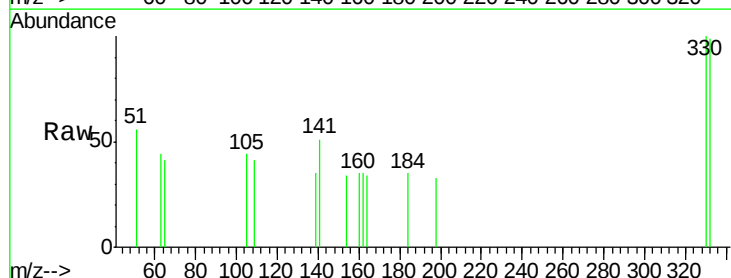
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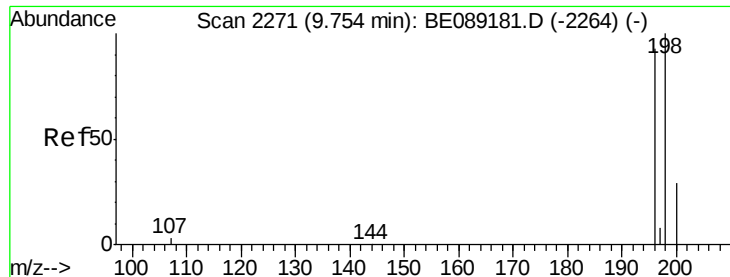
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#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 11.68 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.1	76.8	115.2
141	37.7	28.4	42.6





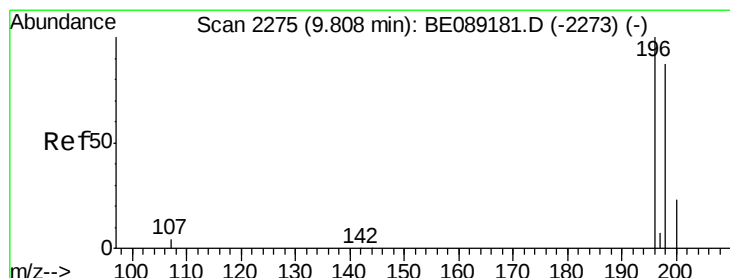
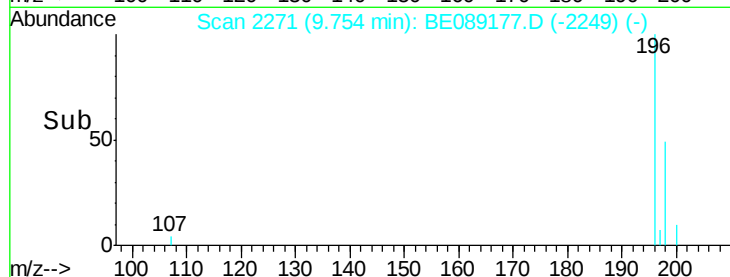
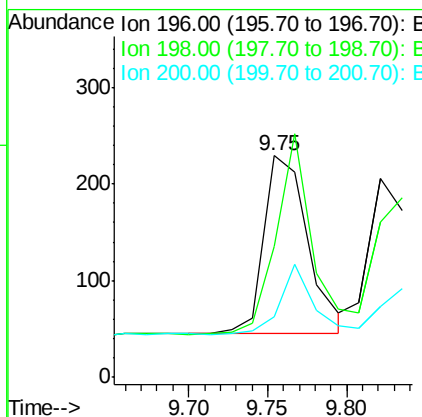
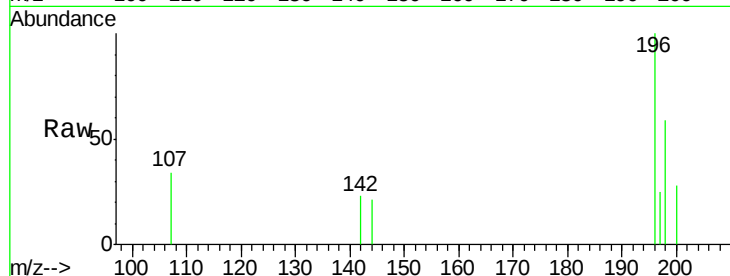
#15
2,4,6-Trichlorophenol
Concen: 0.18 ng
RT: 9.75 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	359		
198	59.4	85.6	128.4	#
200	27.5	25.4	38.2	

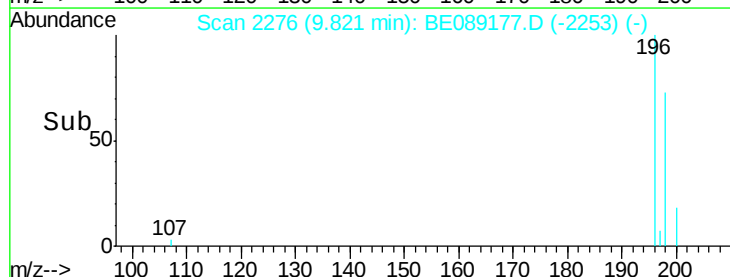
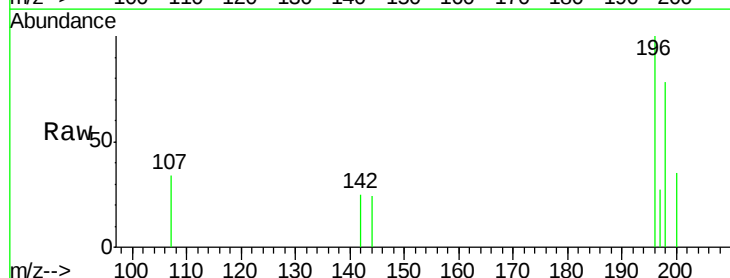
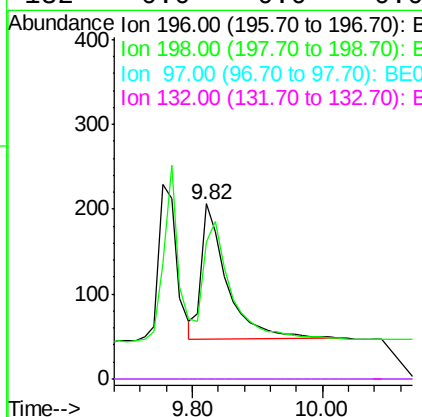
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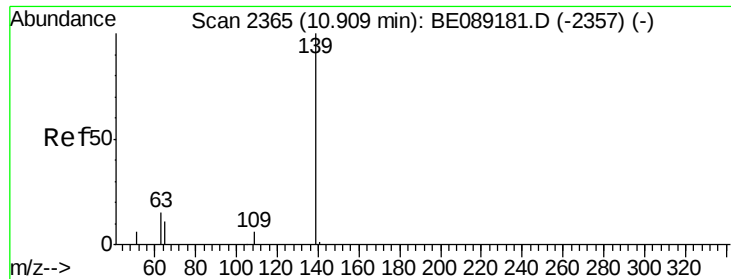
mohammad
12/10/2014 4:24:12 PM



#16
2,4,5-Trichlorophenol
Concen: 0.16 ng
RT: 9.82 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	432		
198	78.2	70.8	106.2	
97	0.0	0.0	0.0	
132	0.0	0.0	0.0	





#18

4-Nitrophenol

Concen: 0.19 ng

RT: 10.91 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BE089177.D

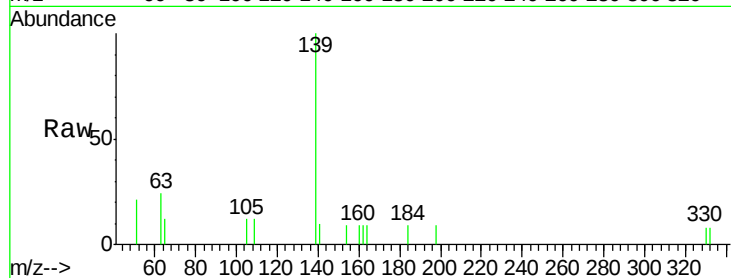
Acq: 8 Dec 2014 21:45

Instrument :

BNA_E

LabSampleId :

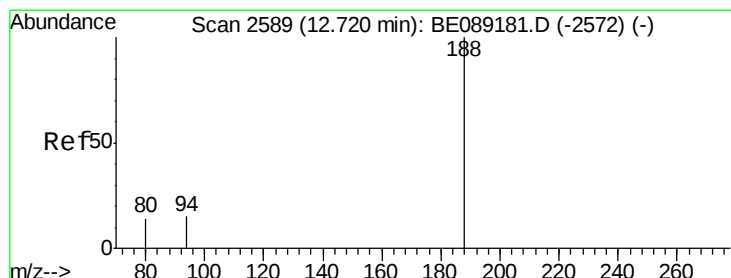
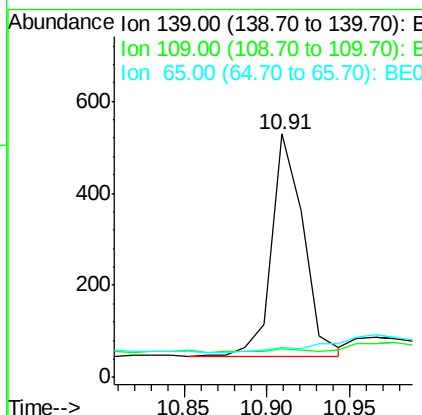
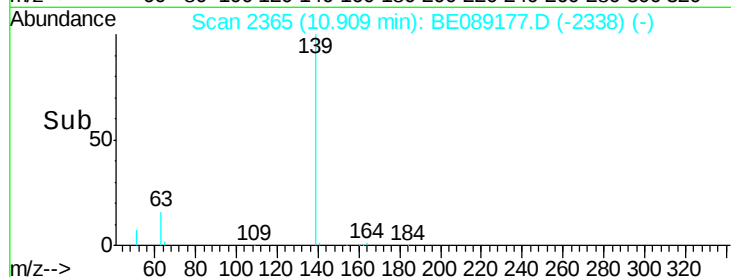
SSTDICC0.1



Tgt Ion	Ratio	Resp	Lower	Upper
139	100	646		
109	11.5	0.0	26.6	
65	12.3	0.0	31.7	

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#19

Phenanthrene-d10

Concen: 5.00 ng

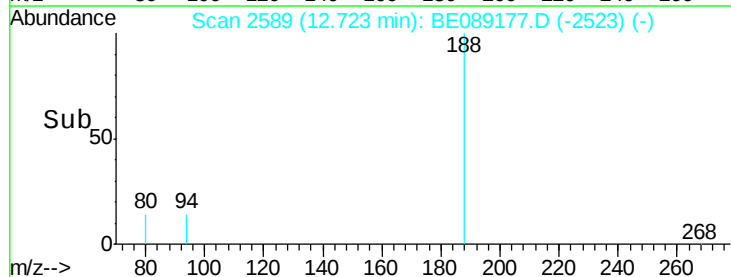
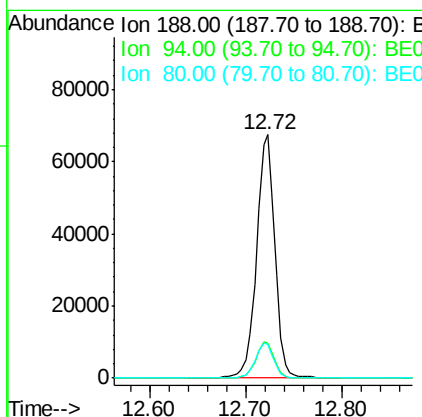
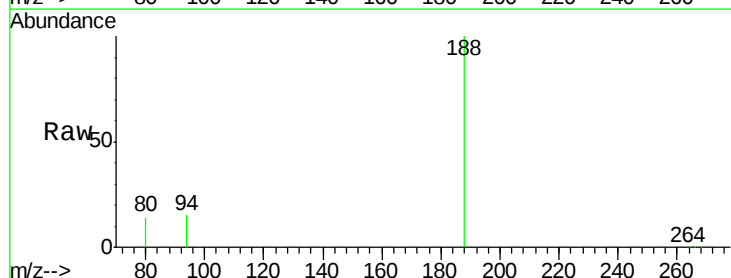
RT: 12.72 min Scan# 2589

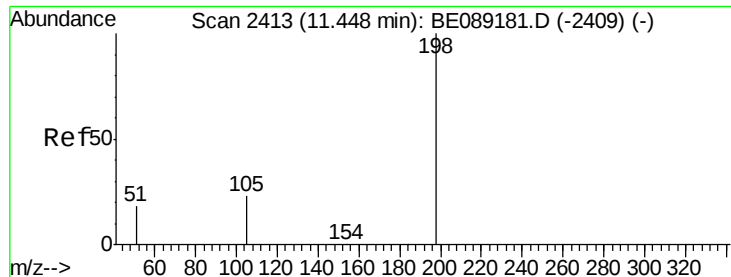
Delta R.T. 0.00 min

Lab File: BE089177.D

Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	89602		
94	14.5	11.7	17.5	
80	13.6	11.0	16.4	





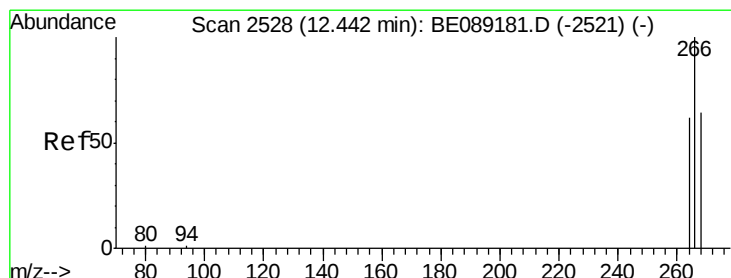
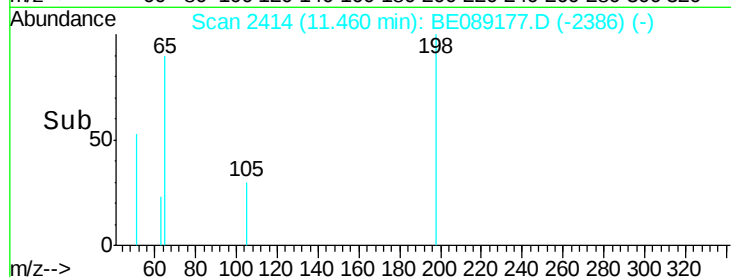
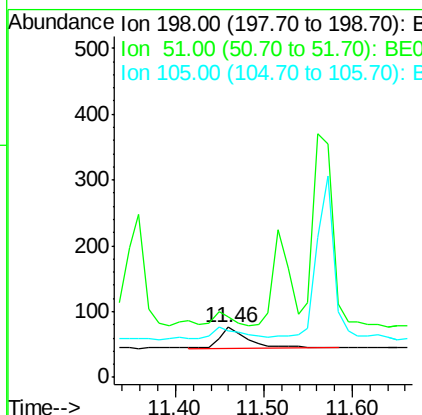
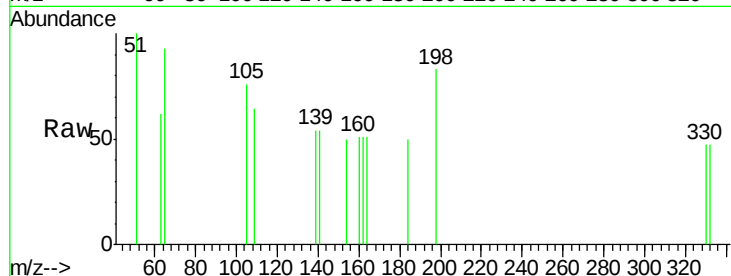
#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 11.46 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
198	100		
51	121.1	10.8	50.8#
105	92.1	10.4	50.4#

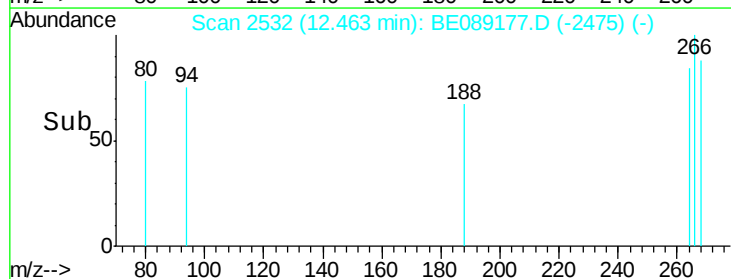
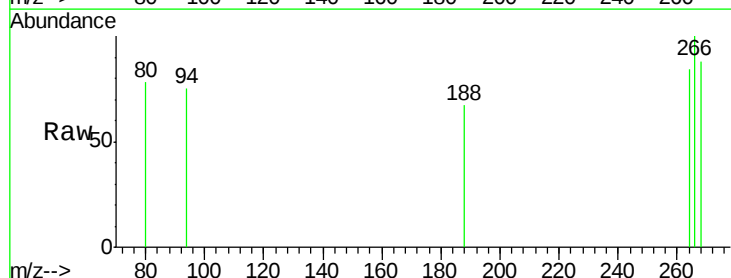
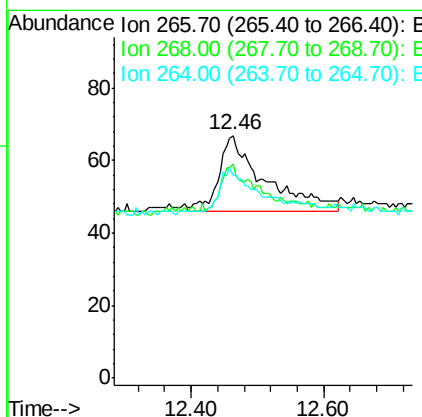
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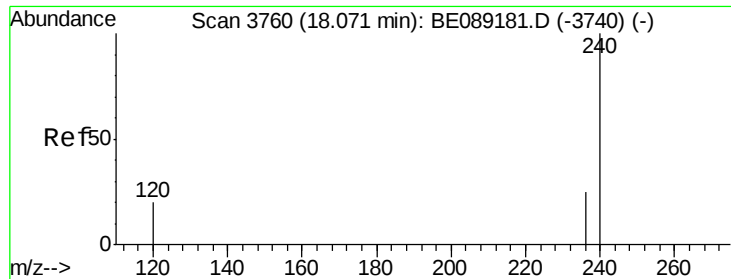
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#21
Pentachlorophenol
Concen: 0.42 ng m
RT: 12.46 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	88.1	53.9	80.9#
264	83.6	52.6	78.8#





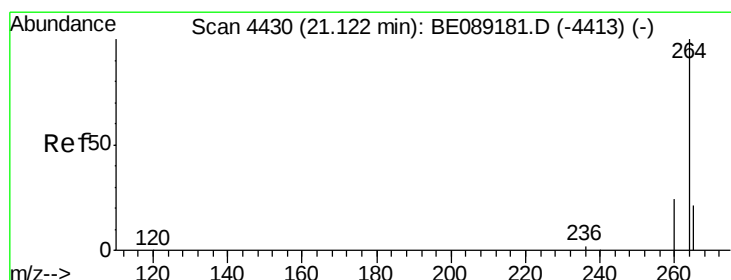
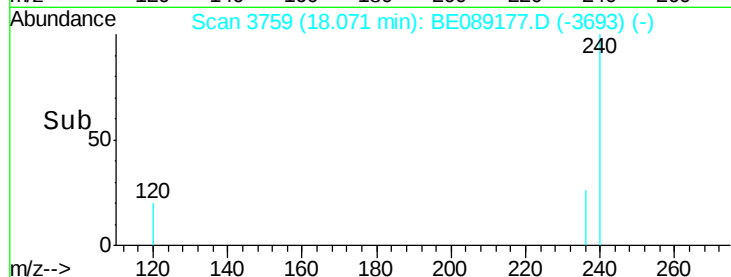
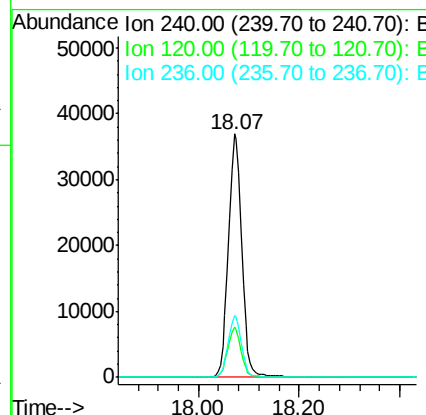
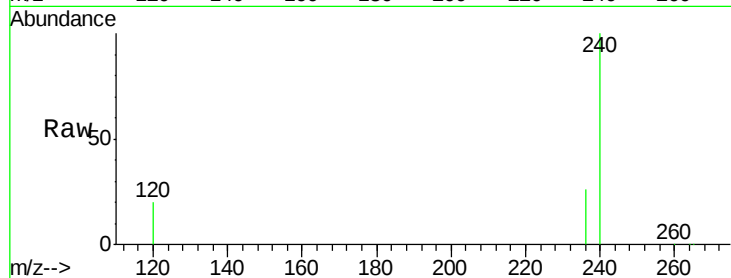
#22
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3759
Delta R.T. -0.00 min
Lab File: BE089177.D
Acq: 8 Dec 2014 21:45

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.4	15.8	23.8
236	25.6	20.2	30.4

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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: BE089177.D
Acq: 8 Dec 2014 21:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.6	17.2	25.8

