

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089472.D
 Acq On : 3 Feb 2015 20:15
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.1

Manual Integrations
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Quant Time: Feb 04 00:53:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:22:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	59178	5.00	ng	0.00
7) Naphthalene-d8	12.42	136	233815	5.00	ng	0.00
13) Acenaphthene-d10	16.61	164	100560	5.00	ng	0.00
17) Phenanthrene-d10	19.93	188	195073	5.00	ng	0.00
20) Chrysene-d12	23.78	240	189616	5.00	ng	0.00
27) Perylene-d12	25.49	264	178582	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.72	112	1923	0.10	ng	0.00
4) Phenol-d6	8.83	99	2387	0.10	ng	0.00
8) Nitrobenzene-d5	10.79	82	1706	0.10	ng	0.00
14) 2,4,6-Tribromophenol	18.51	330	288	0.11	ng	0.00
15) 2-Fluorobiphenyl	15.06	172	2684	0.10	ng	0.00
22) Terphenyl-d14	22.43	244	2451	0.11	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.61	42	712	0.07	ng	# 73
5) Phenol	8.86	94	2681m	0.11	ng	
6) bis(2-Chloroethyl)ether	9.01	93	1959	0.11	ng	# 98
9) Nitrobenzene	10.83	77	1939	0.10	ng	98
10) 2,4-Dimethylphenol	11.77	122	1430	0.10	ng	96
11) 2,4-Dichlorophenol	12.15	162	1049	0.10	ng	96
12) Hexachlorobutadiene	12.81	225	733	0.10	ng	96
18) Hexachlorobenzene	19.17	284	1085	0.11	ng	93
21) Benzidine	22.09	184	377	0.03	ng	# 68
23) Benzo(a)anthracene	23.77	228	15968	0.10	ng	97
24) 3,3'-Dichlorobenzidine	23.76	252	918	0.07	ng	# 88
25) Chrysene	23.82	228	17816	0.10	ng	98
26) Indeno(1,2,3-cd)pyrene	26.96	276	1863	0.03	ng	# 81
28) Benzo(b)fluoranthene	25.04	252	1592	0.07	ng	# 81
29) Benzo(k)fluoranthene	25.07	252	3442m	0.08	ng	
30) Benzo(a)pyrene	25.42	252	1683	0.06	ng	# 83
31) Dibenzo(a,h)anthracene	26.99	278	1306	0.04	ng	# 74

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

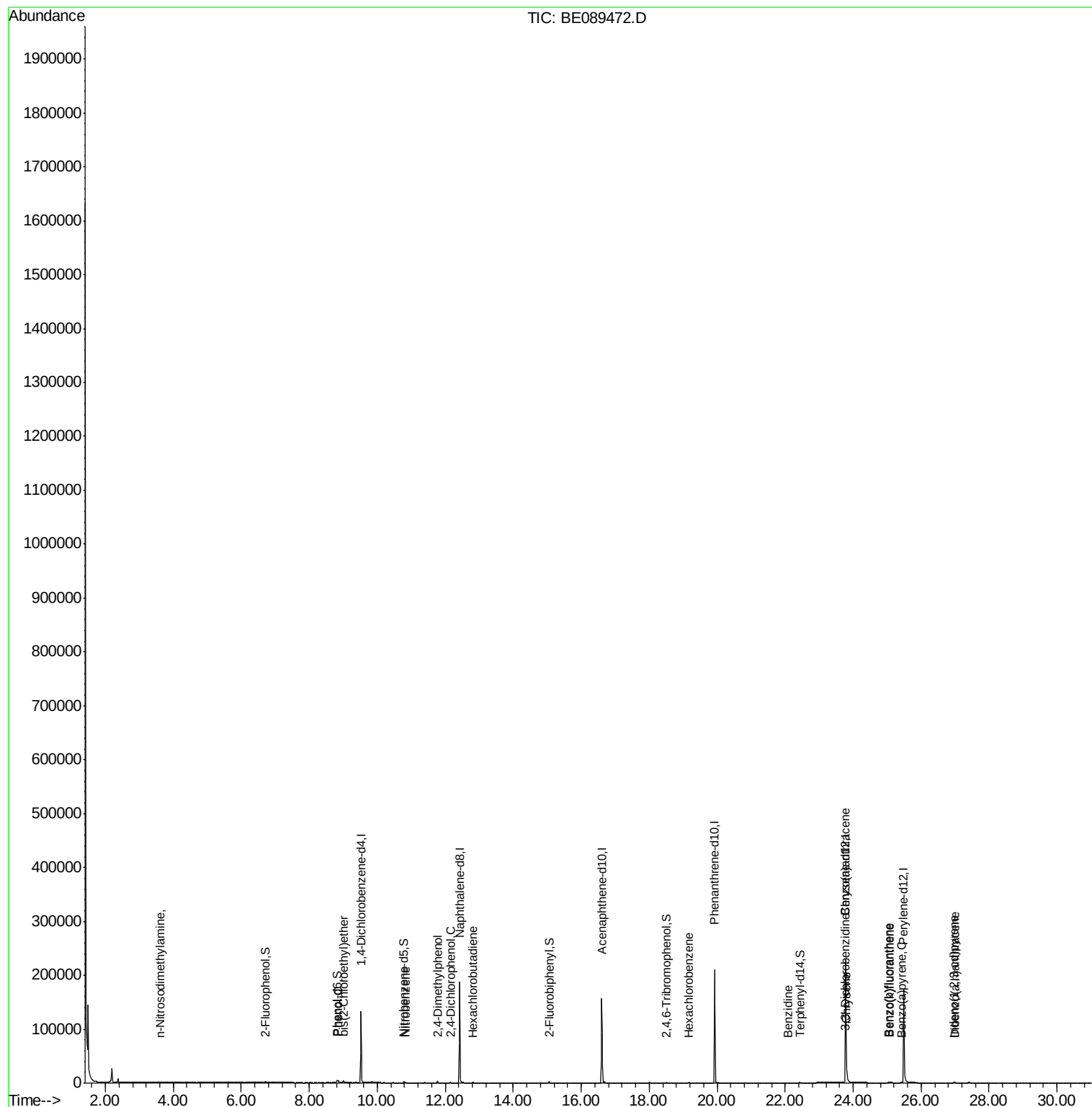
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089472.D
Acq On : 3 Feb 2015 20:15
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

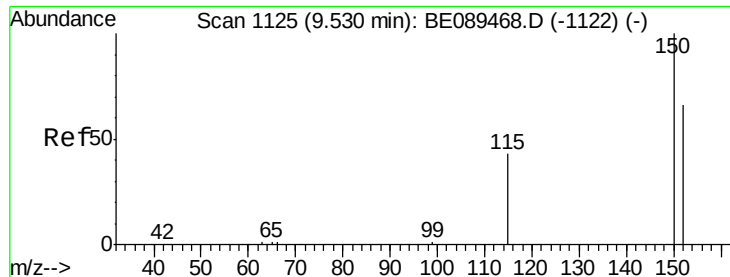
Instrument :
BNA_E
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SSTDICC0.1

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Quant Time: Feb 04 00:53:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BE089472.D

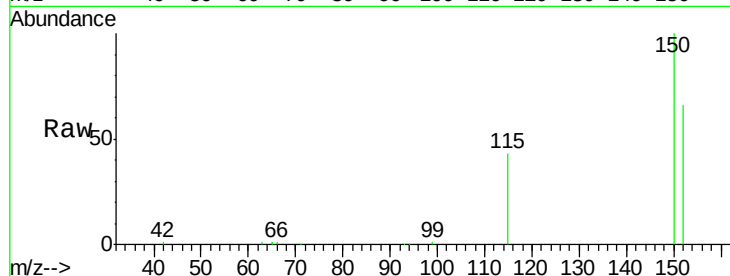
Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

LabSampleId :

SSTDIC0.1



Tgt Ion: 152 Resp: 59178

Ion Ratio Lower Upper

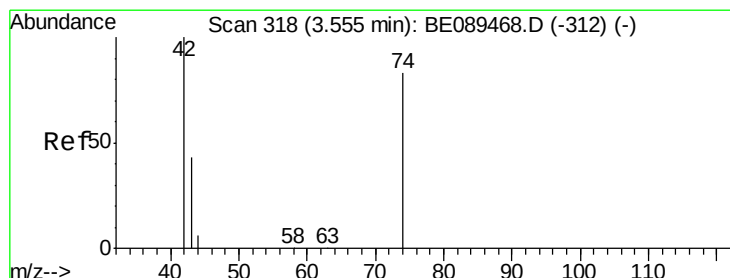
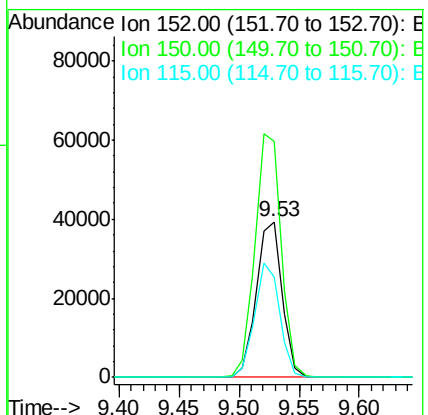
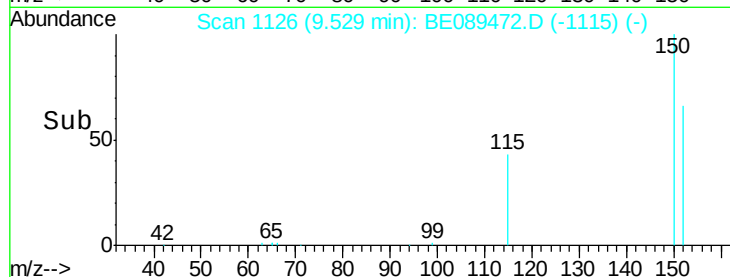
152 100

150 151.6 122.1 183.1

115 64.7 53.2 79.8

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#2

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.61 min Scan# 327

Delta R.T. 0.06 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

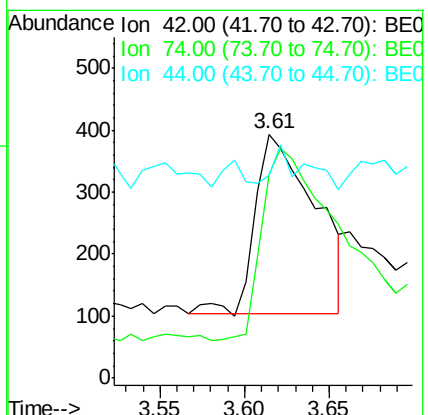
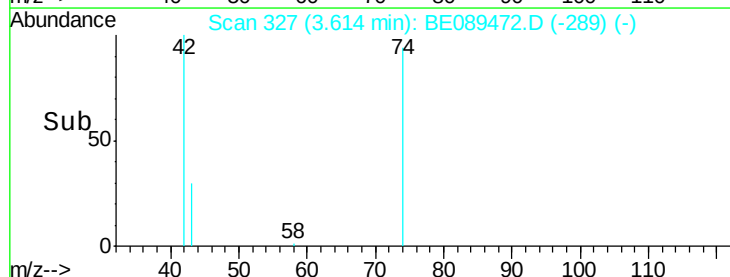
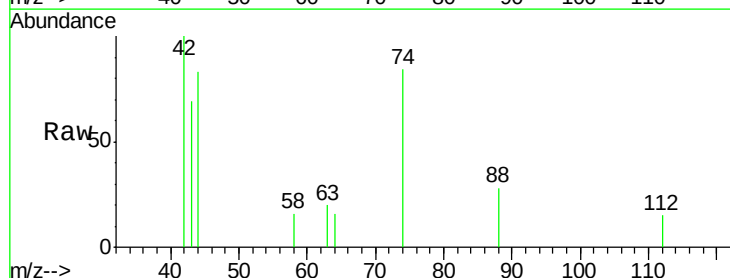
Tgt Ion: 42 Resp: 712

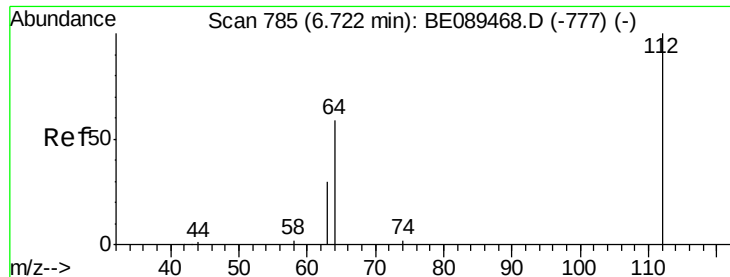
Ion Ratio Lower Upper

42 100

74 84.0 65.4 98.2

44 83.2 11.7 17.5#





#3

2-Fluorophenol

Concen: 0.10 ng

RT: 6.72 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

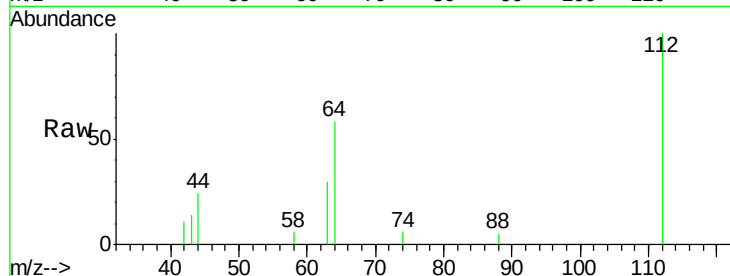
LabSampleId :

SSTDICC0.1

Tgt Ion:	112	Resp:	1923
Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.6
63	30.2	24.2	36.2

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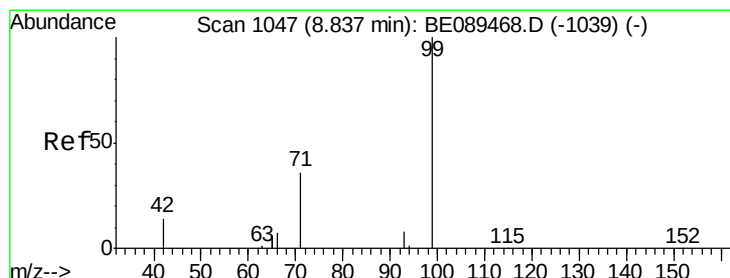
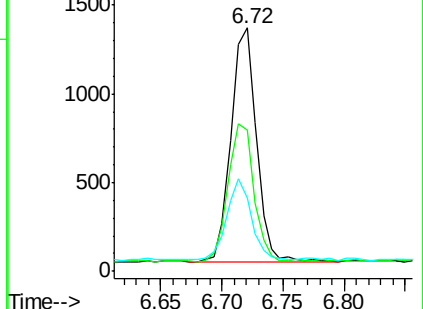
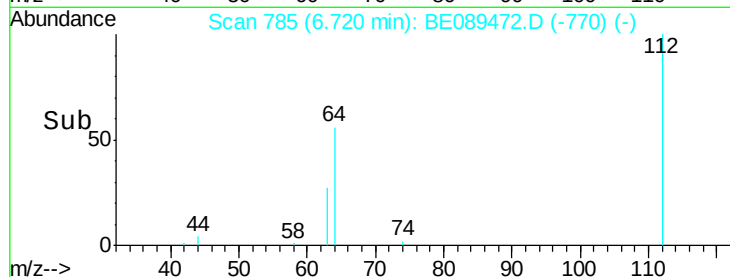


Abundance Ion 112.00 (111.70 to 112.70): BE089468.D (-777) (-)

Ion 64.00 (63.70 to 64.70): BE089468.D (-777) (-)

Ion 63.00 (62.70 to 63.70): BE089468.D (-777) (-)

Time-->



#4

Phenol-d6

Concen: 0.10 ng

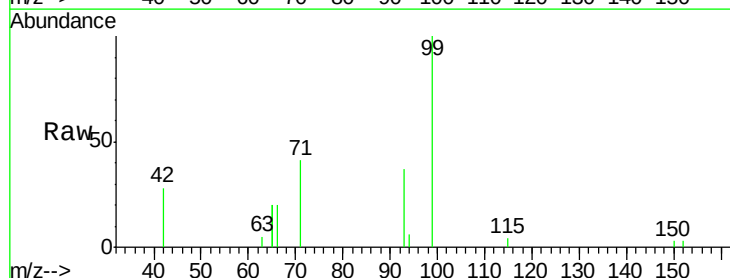
RT: 8.83 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion:	99	Resp:	2387
Ion	Ratio	Lower	Upper
99	100		
42	28.4	11.8	17.6#
71	41.4	28.7	43.1

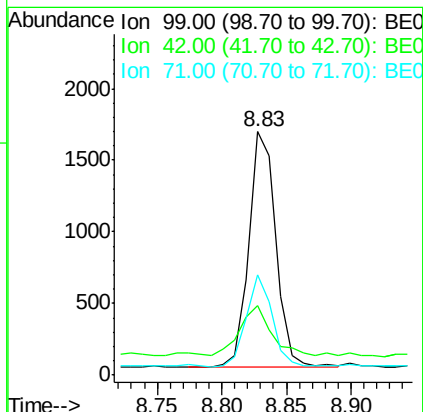
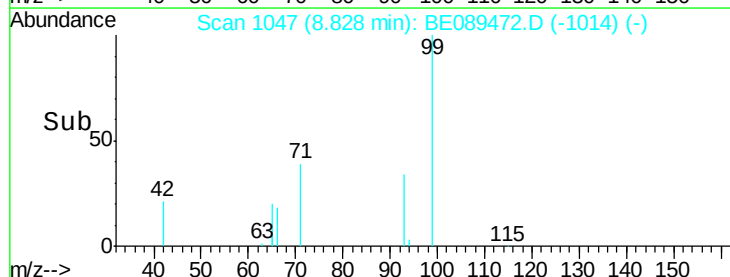


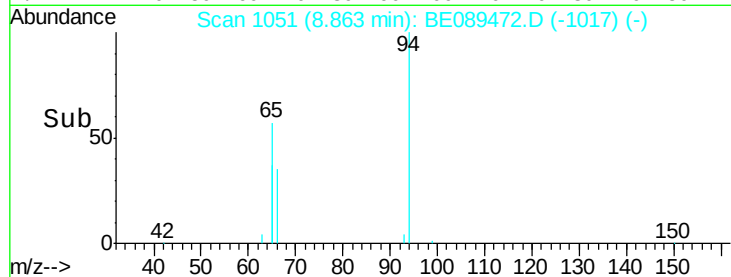
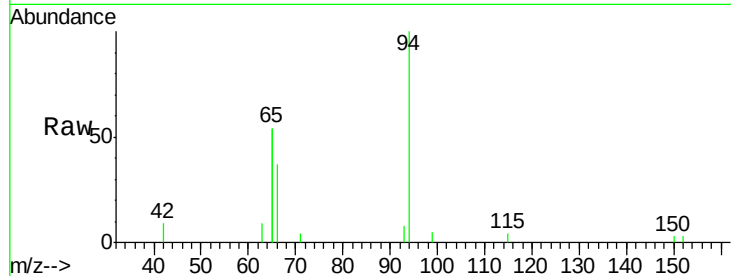
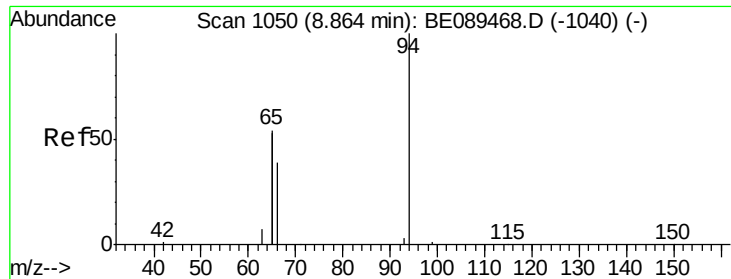
Abundance Ion 99.00 (98.70 to 99.70): BE089468.D (-1039) (-)

Ion 42.00 (41.70 to 42.70): BE089468.D (-1039) (-)

Ion 71.00 (70.70 to 71.70): BE089468.D (-1039) (-)

Time-->





#5

Phenol

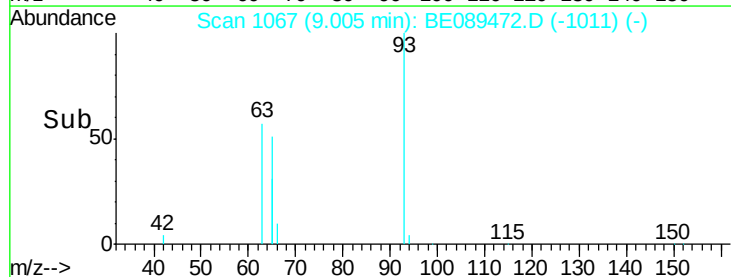
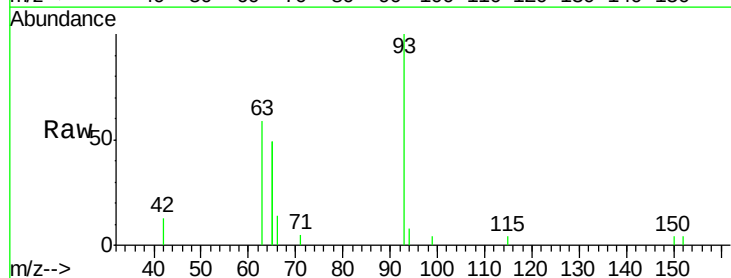
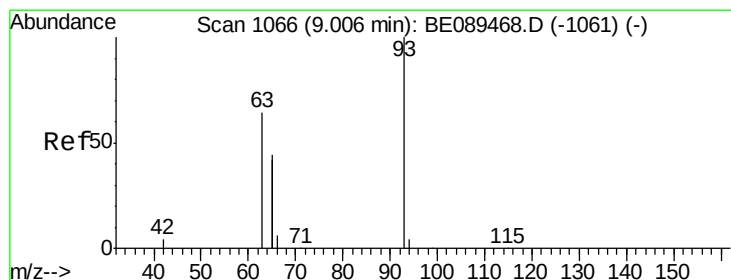
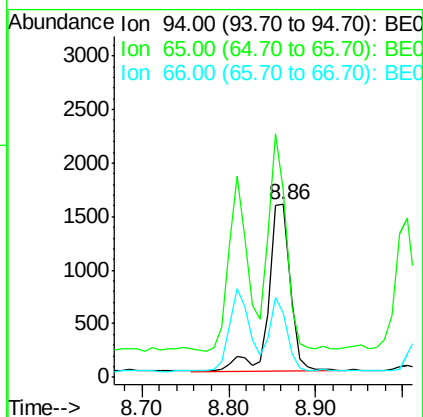
Concen: 0.11 ng m
RT: 8.86 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
94	100		
65	54.2	33.9	73.9
66	37.3	19.1	59.1

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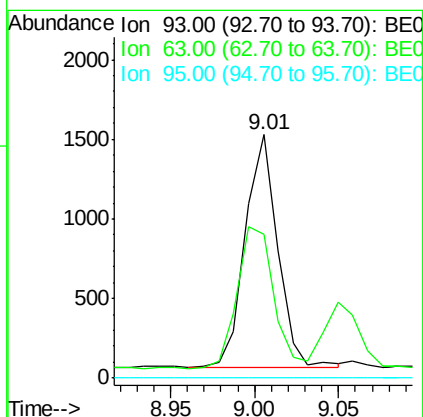


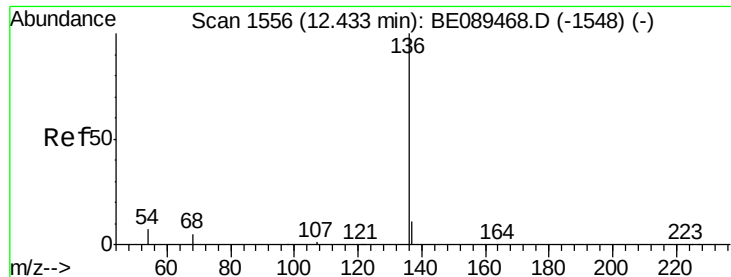
#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng
RT: 9.01 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.0	57.0	85.6
95	0.0	0.0	0.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.42 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

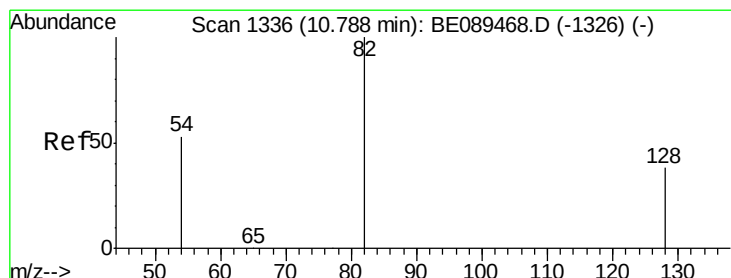
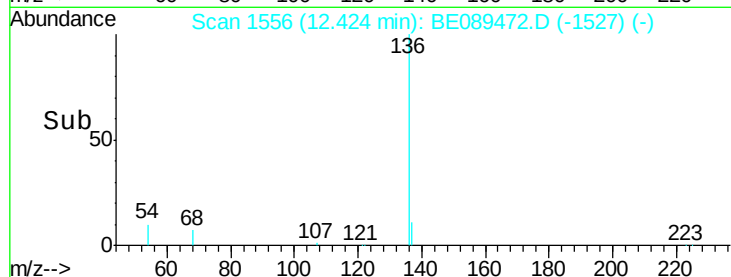
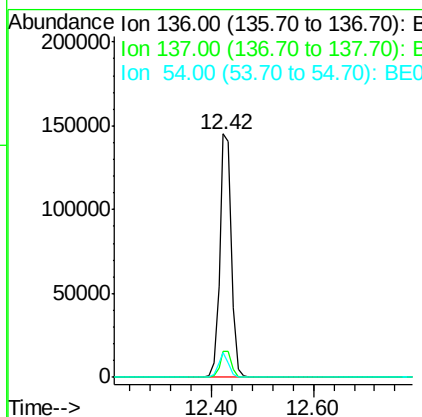
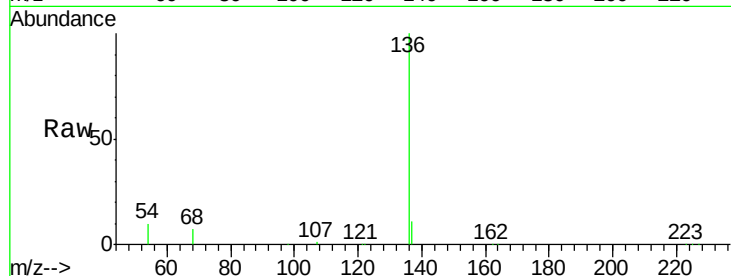
LabSampleId :

SSTDICC0.1

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.9	5.4	8.0#

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#8

Nitrobenzene-d5

Concen: 0.10 ng

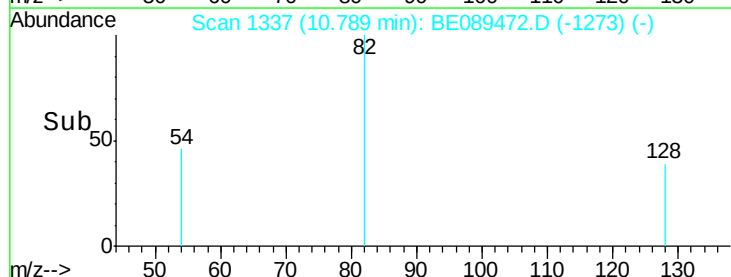
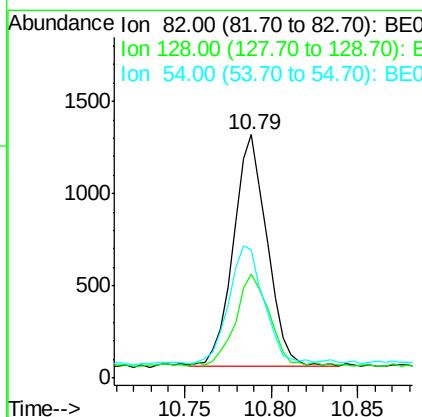
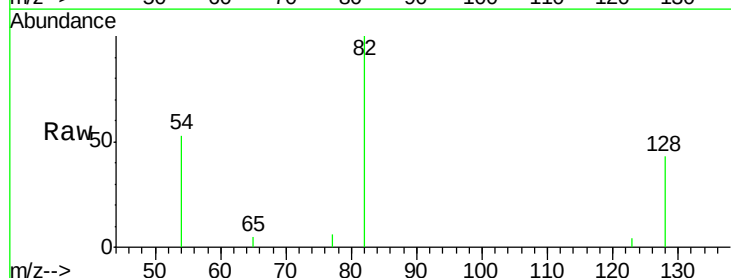
RT: 10.79 min Scan# 1337

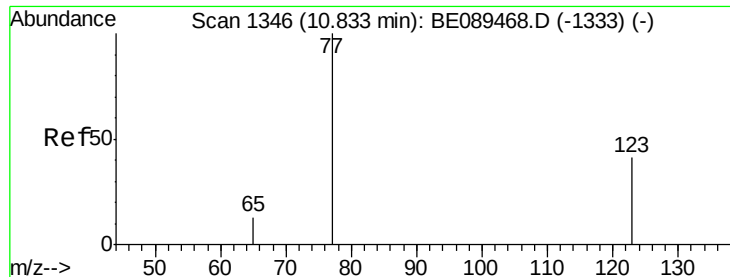
Delta R.T. 0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.6	30.3	45.5
54	52.5	43.1	64.7





#9

Nitrobenzene

Concen: 0.10 ng

RT: 10.83 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

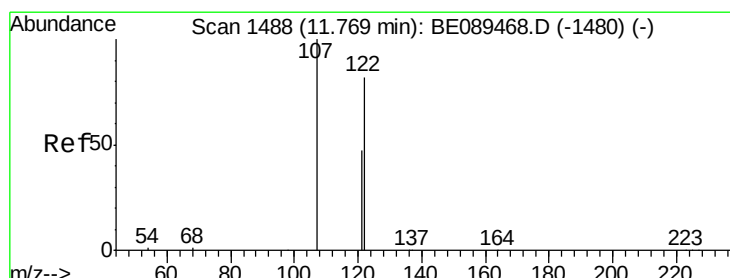
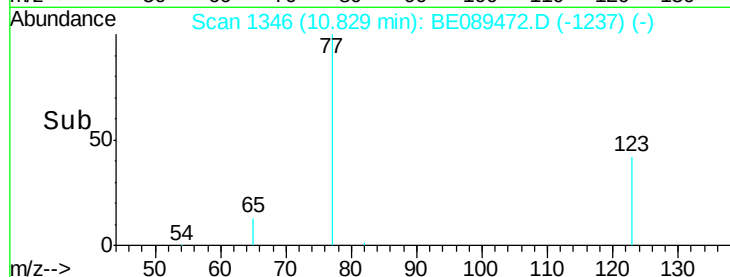
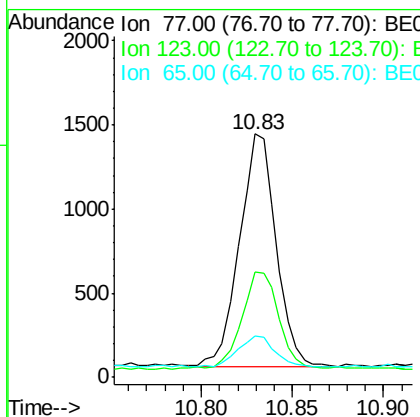
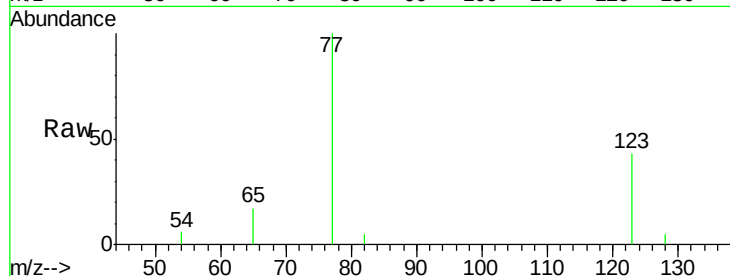
LabSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.4	50.0
65	12.9	10.9	16.3

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#10

2,4-Dimethylphenol

Concen: 0.10 ng

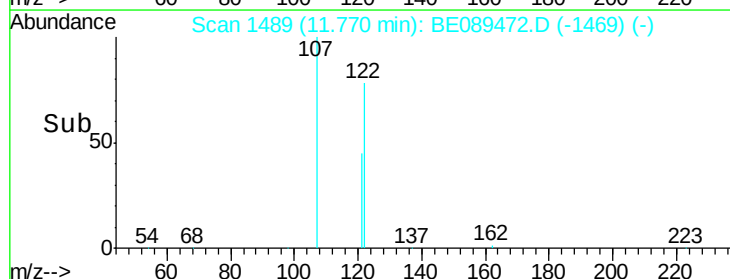
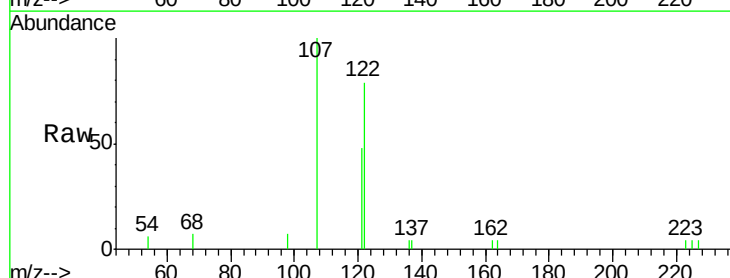
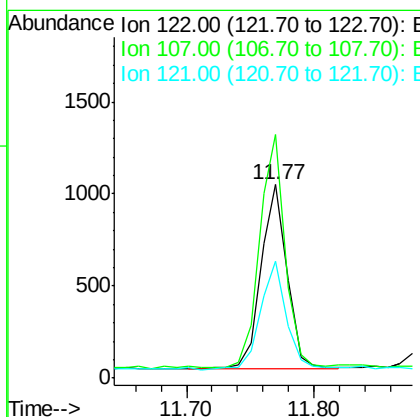
RT: 11.77 min Scan# 1489

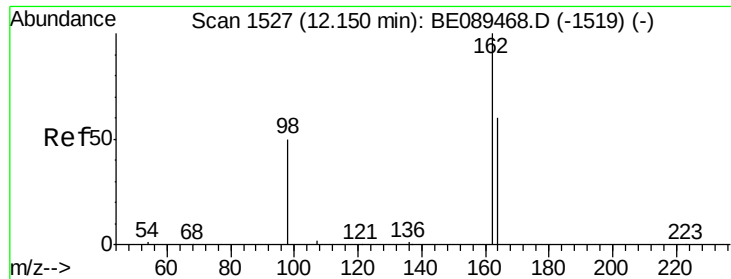
Delta R.T. 0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.0	97.3	145.9
121	60.2	46.4	69.6





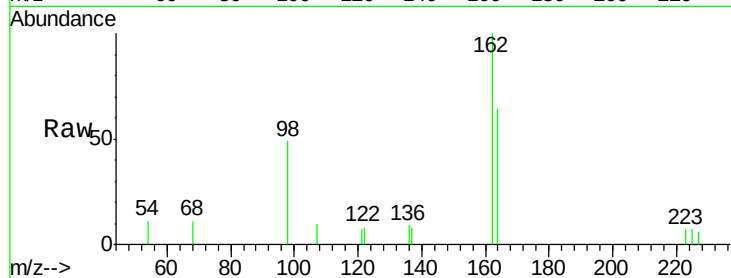
#11
2,4-Dichlorophenol
Concen: 0.10 ng
RT: 12.15 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

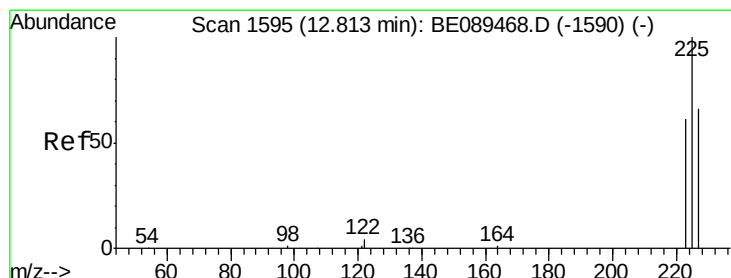
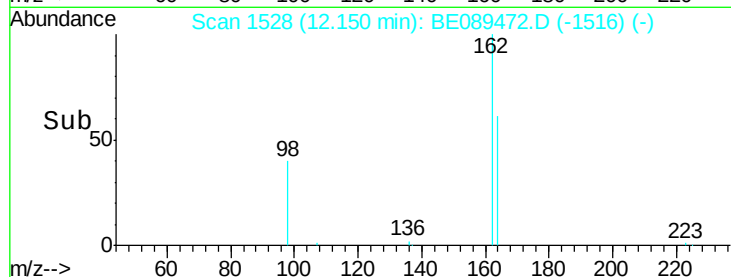
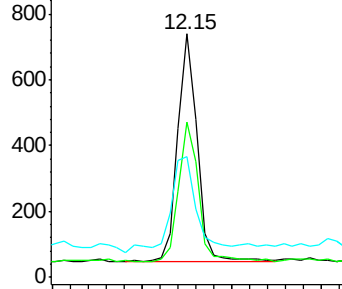
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	39.9	79.9
98	49.4	31.3	71.3

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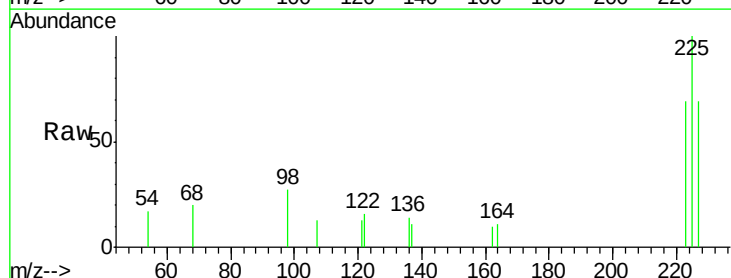


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BE0

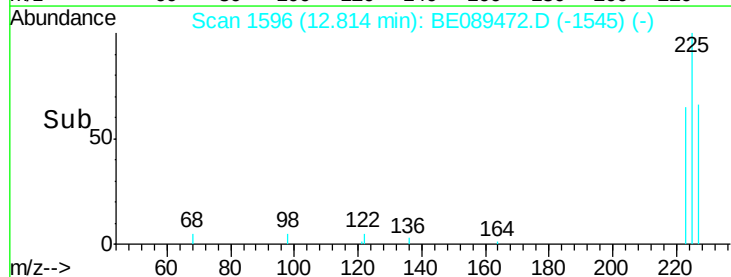
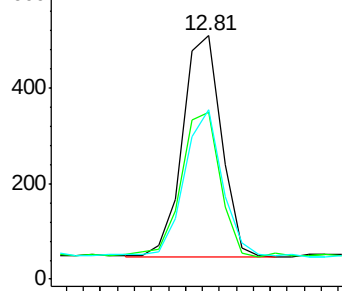


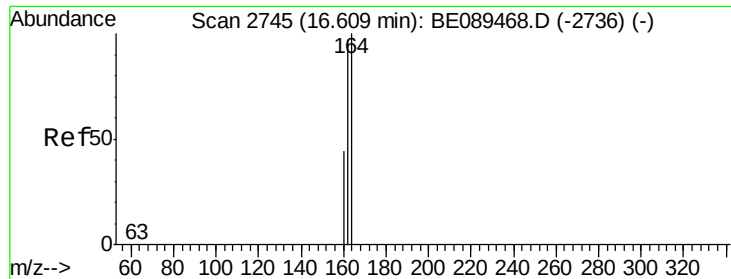
#12
Hexachlorobutadiene
Concen: 0.10 ng
RT: 12.81 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.4	74.0
227	65.2	51.2	76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.61 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BE089472.D

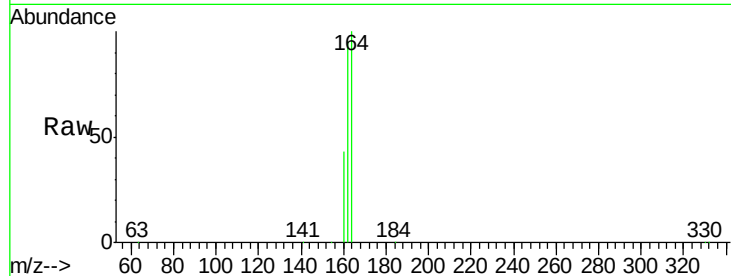
Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

LabSampleId :

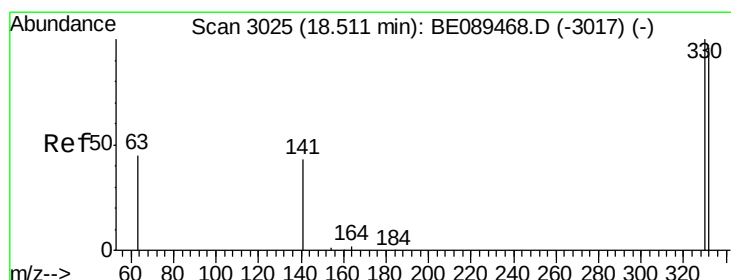
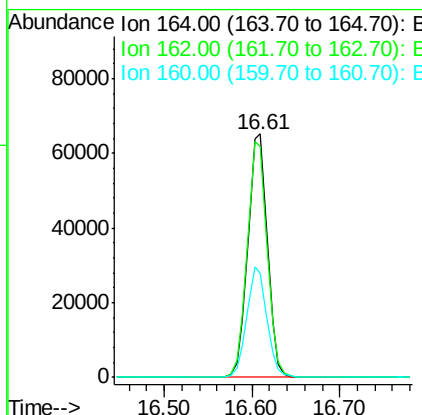
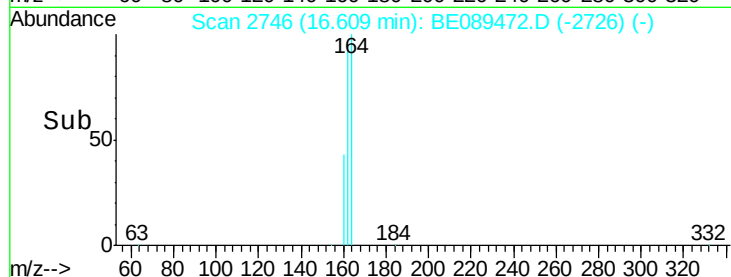
SSTDIC0.1



Tgt Ion:	164	Resp:	100560
Ion Ratio	Lower	Upper	
164	100		
162	94.6	77.6	116.4
160	42.8	35.6	53.4

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#14

2,4,6-Tribromophenol

Concen: 0.11 ng

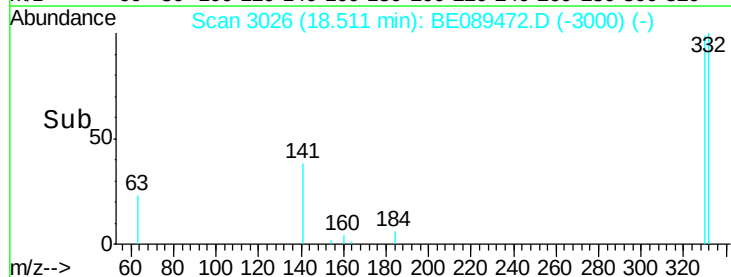
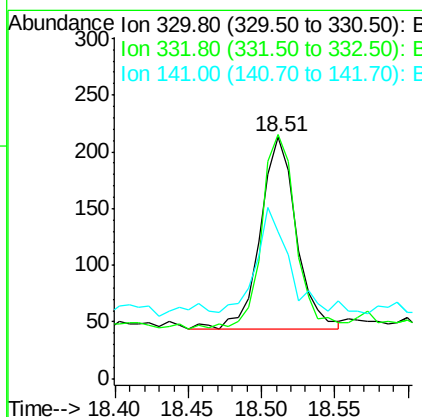
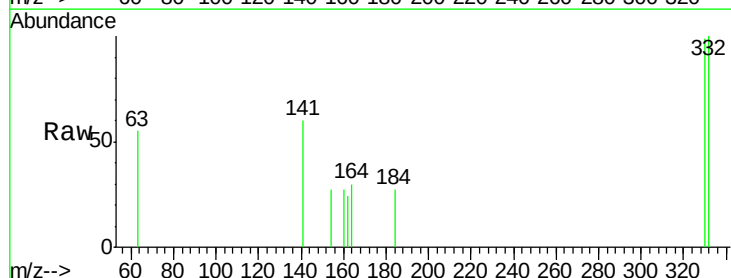
RT: 18.51 min Scan# 3026

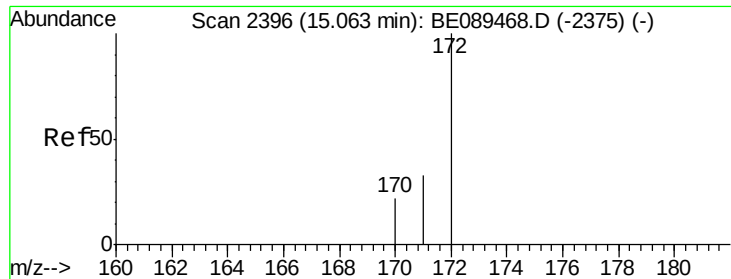
Delta R.T. 0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion:	330	Resp:	288
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.0	117.0
141	48.3	33.8	50.6





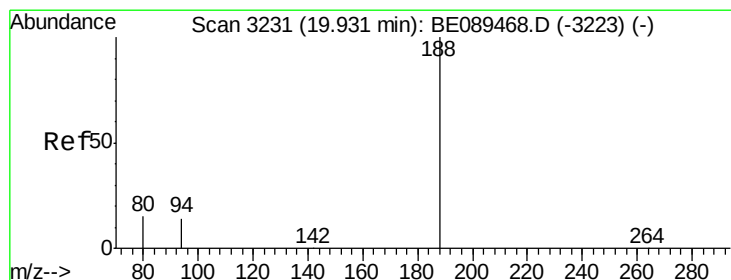
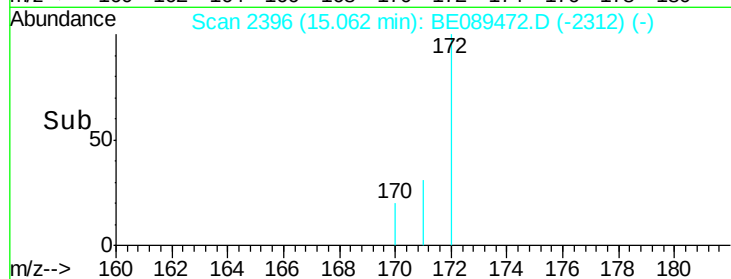
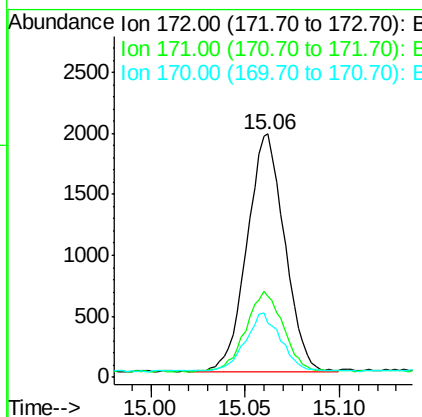
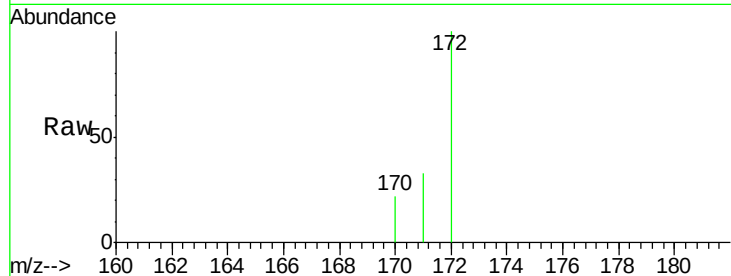
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 15.06 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion:172 Resp: 2684
Ion Ratio Lower Upper
172 100
171 33.3 26.8 40.2
170 22.4 17.7 26.5

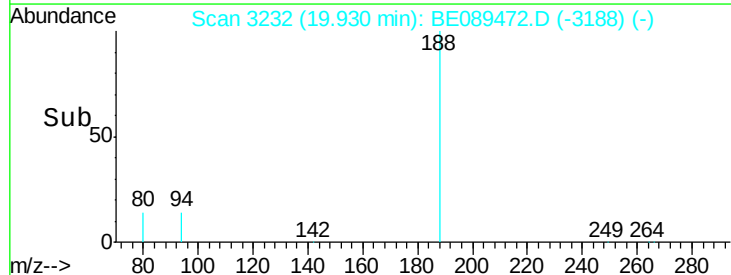
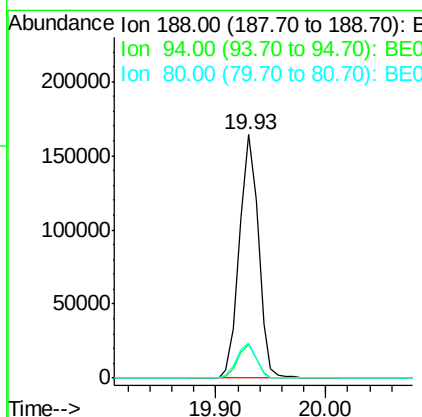
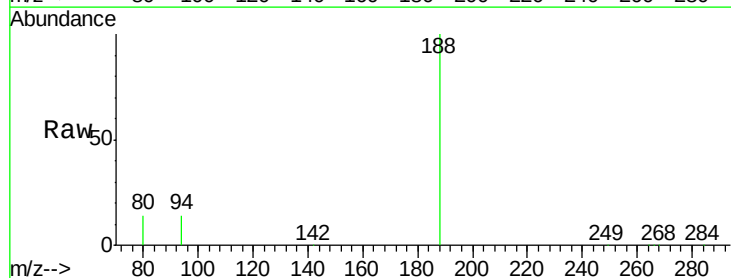
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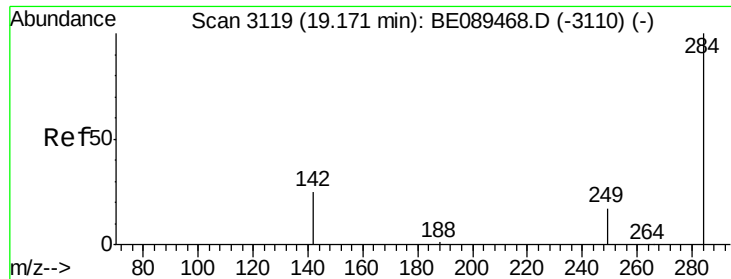
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#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.93 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Tgt Ion:188 Resp: 195073
Ion Ratio Lower Upper
188 100
94 13.6 11.1 16.7
80 14.4 11.8 17.6





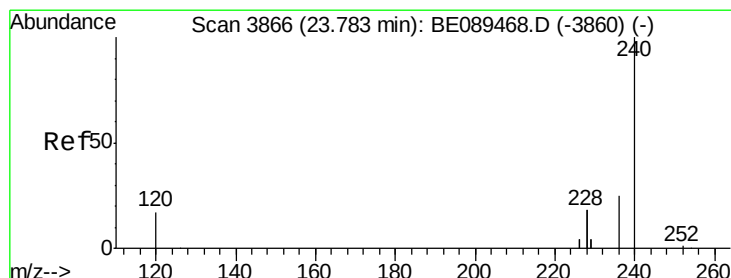
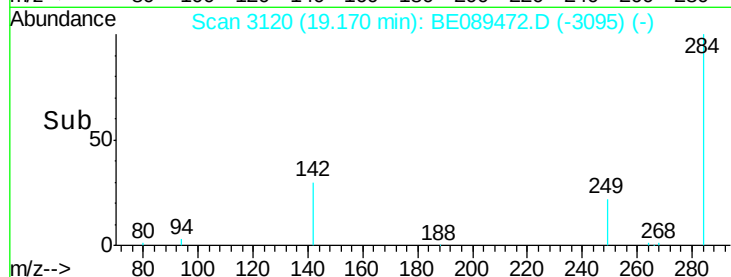
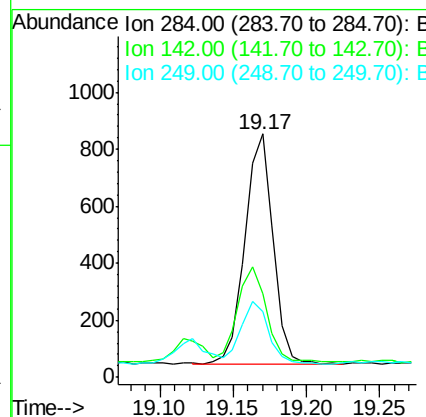
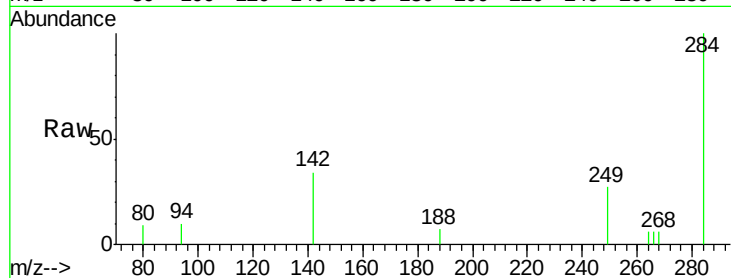
#18
Hexachlorobenzene
Concen: 0.11 ng
RT: 19.17 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Instrument :
BNA_E
LabSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	1085		
142	34.1		24.4	36.6
249	26.8		18.2	27.2

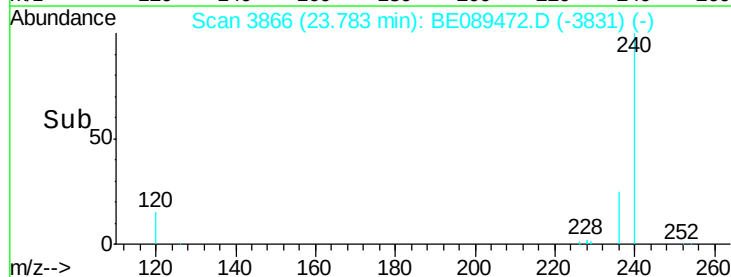
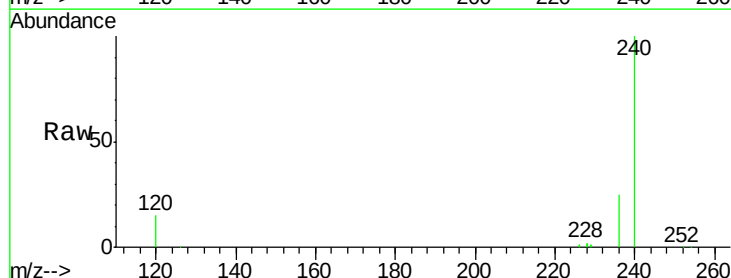
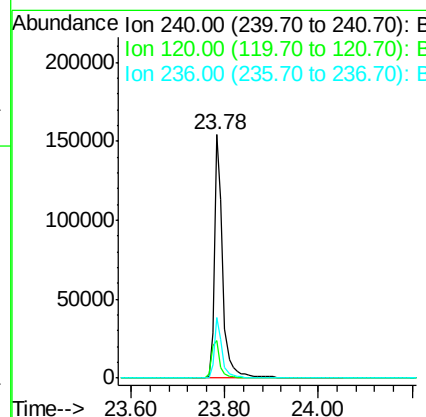
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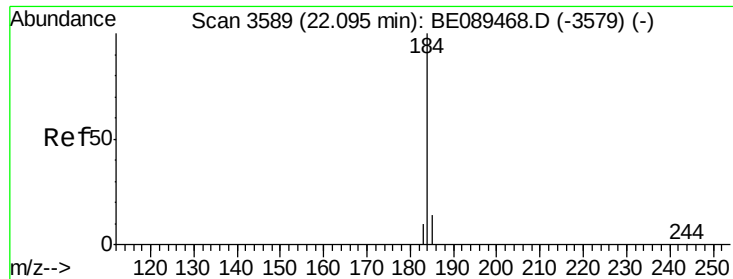
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#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BE089472.D
Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	189616		
120	15.4		13.8	20.6
236	25.1		20.2	30.2





#21

Benzidine

Concen: 0.03 ng

RT: 22.09 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

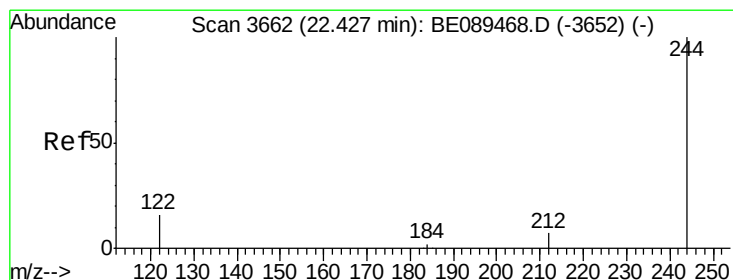
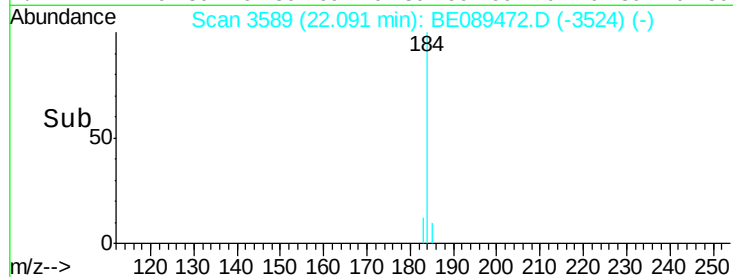
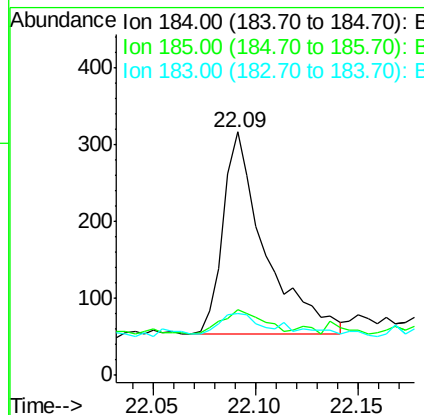
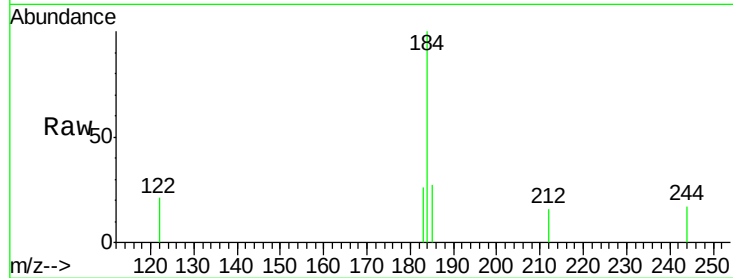
LabSampleId :

SSTDICC0.1

Tgt Ion:	184	Resp:	377
Ion Ratio	Lower	Upper	
184	100		
185	26.8	12.0	18.0#
183	25.6	9.0	13.4#

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#22

Terphenyl-d14

Concen: 0.11 ng

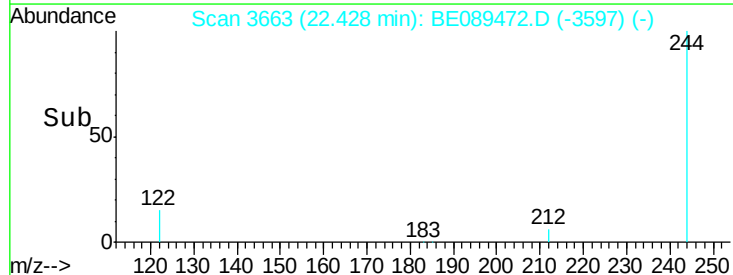
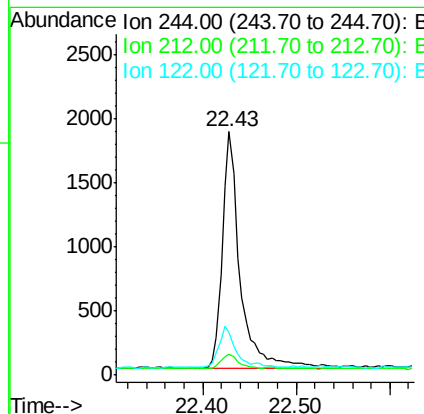
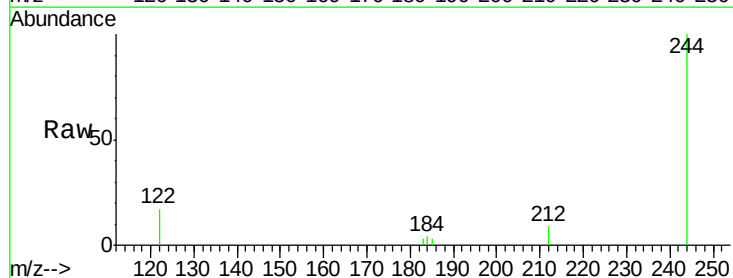
RT: 22.43 min Scan# 3663

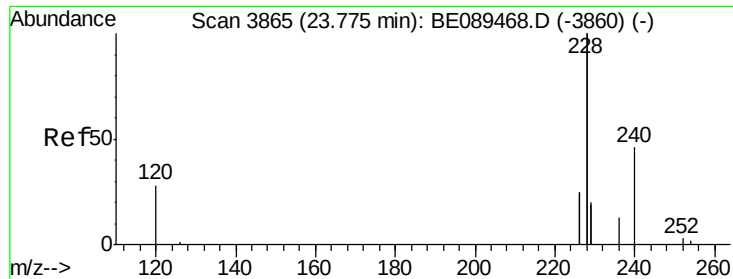
Delta R.T. 0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion:	244	Resp:	2451
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.5	8.3#
122	17.4	12.6	19.0





#23

Benzo(a)anthracene

Concen: 0.10 ng

RT: 23.77 min Scan# 3865

Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

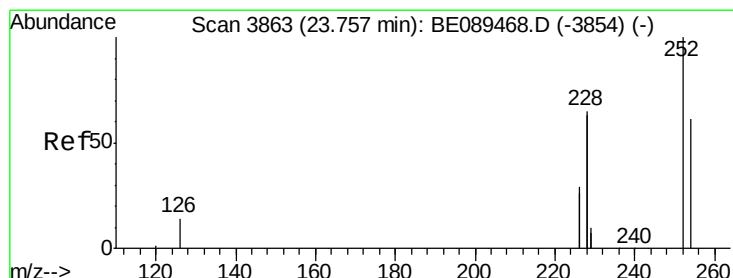
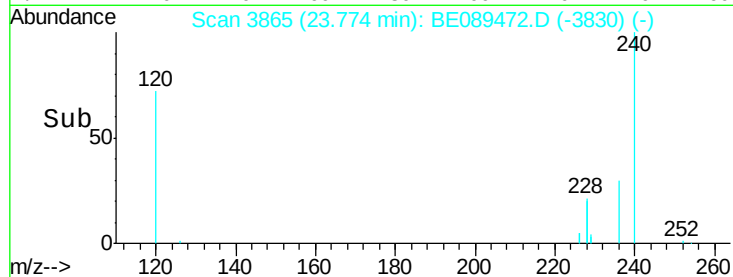
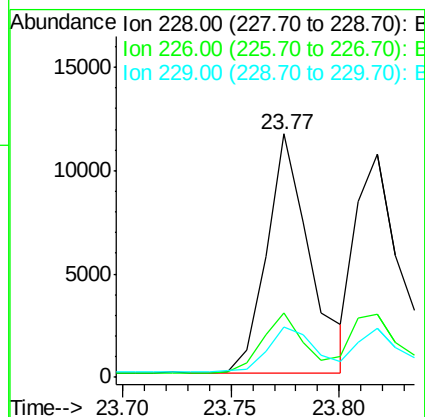
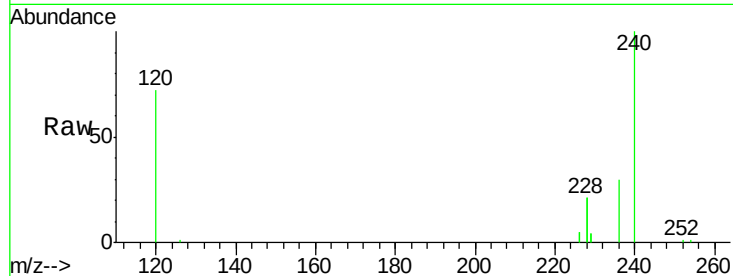
LabSampleId :

SSTDICC0.1

Tgt	Ion	228	Resp:	15968
Ion	Ratio	Lower	Upper	
228	100			
226	26.2	19.6	29.4	
229	20.9	15.9	23.9	

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#24

3,3'-Dichlorobenzidine

Concen: 0.07 ng

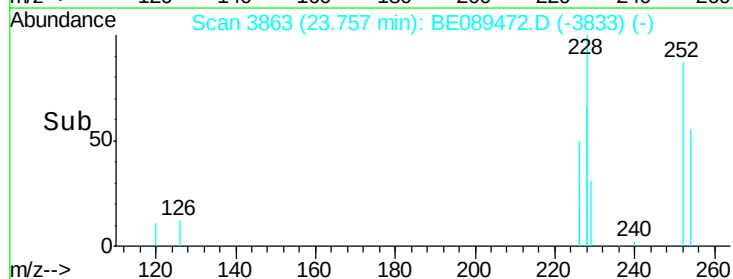
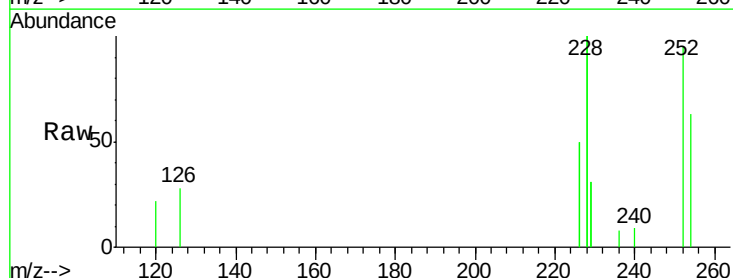
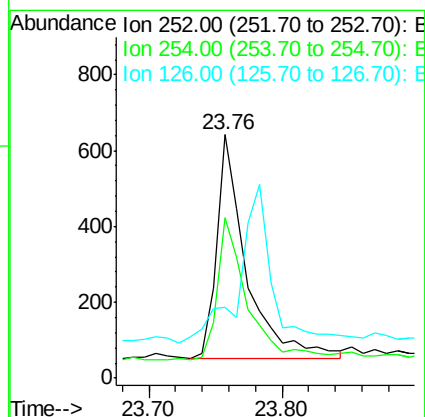
RT: 23.76 min Scan# 3863

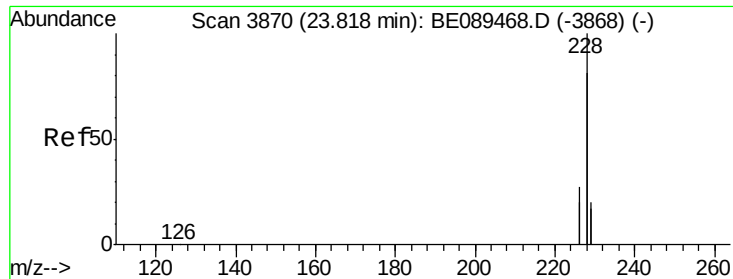
Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt	Ion	252	Resp:	918
Ion	Ratio	Lower	Upper	
252	100			
254	65.9	48.6	73.0	
126	29.0	12.4	18.6	





#25

Chrysene

Concen: 0.10 ng

RT: 23.82 min Scan# 3870

Delta R.T. -0.00 min

Lab File: BE089472.D

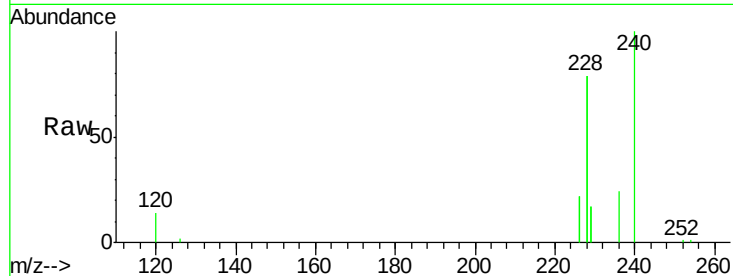
Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

LabSampleId :

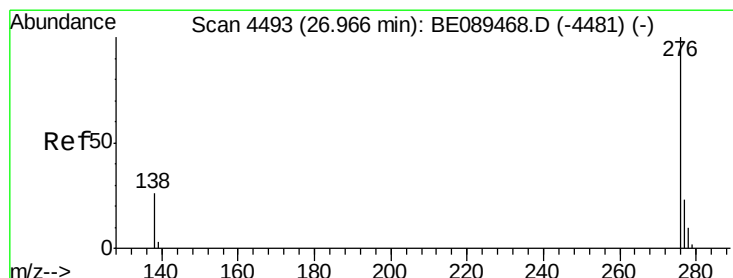
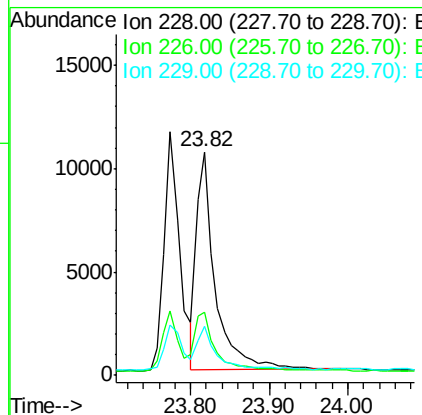
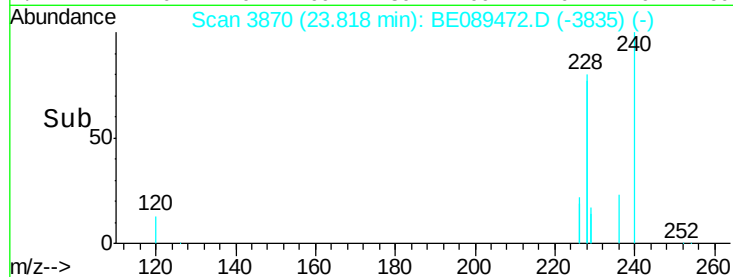
SSTDIC0.1



Tgt Ion:	228	Resp:	17816
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.8
229	21.8	16.2	24.2

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

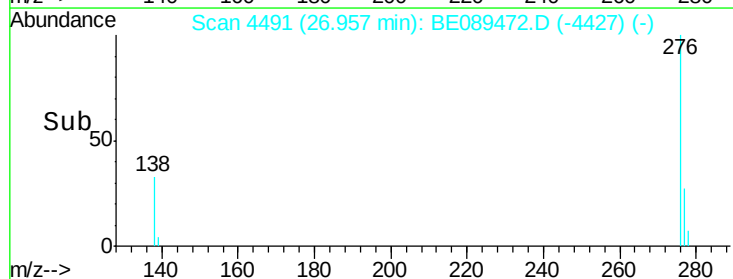
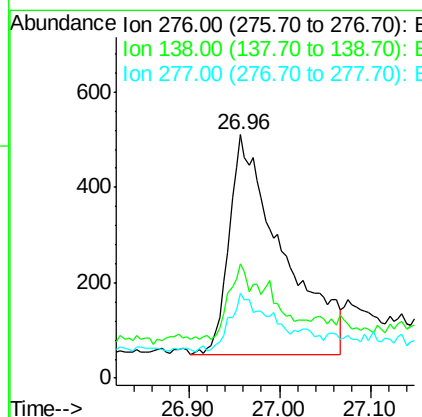
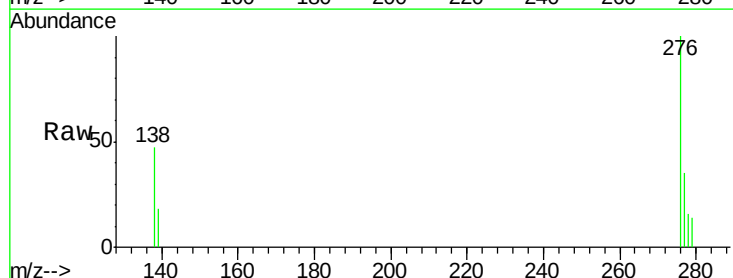
RT: 26.96 min Scan# 4491

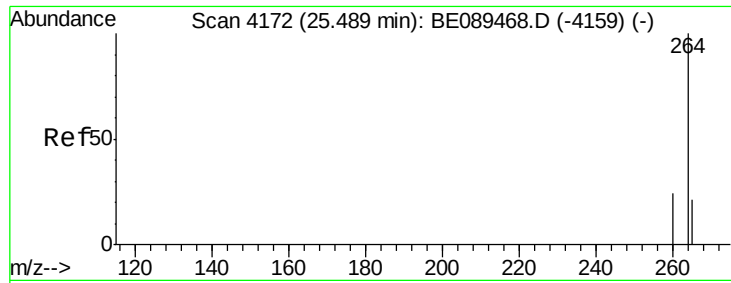
Delta R.T. -0.01 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion:	276	Resp:	1863
Ion Ratio	Lower	Upper	
276	100		
138	17.2	24.2	36.4#
277	18.8	19.9	29.9#





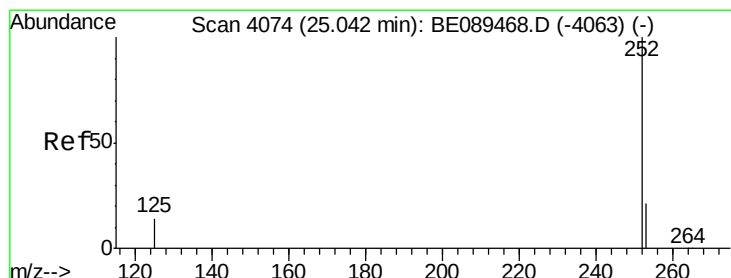
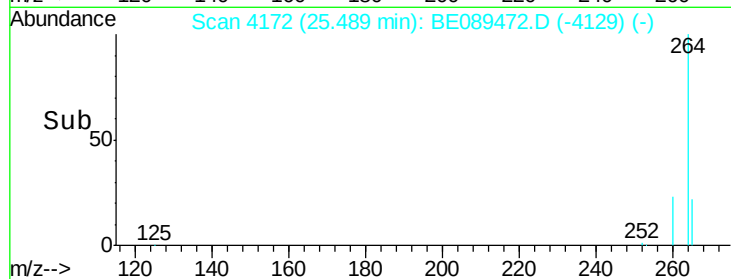
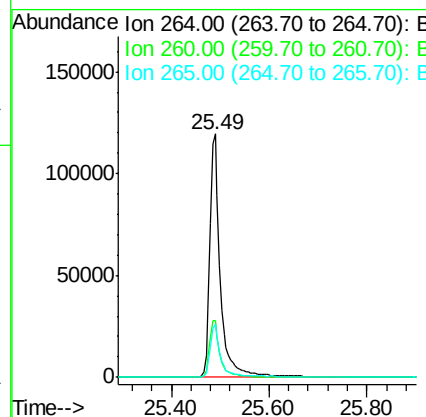
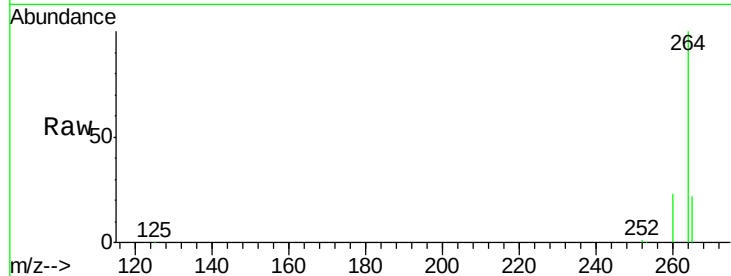
#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.49 min Scan# 4172
 Delta R.T. 0.00 min
 Lab File: BE089472.D
 Acq: 3 Feb 2015 20:15

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.1

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	178582		
260	23.1	19.1	28.7	
265	21.8	17.0	25.6	

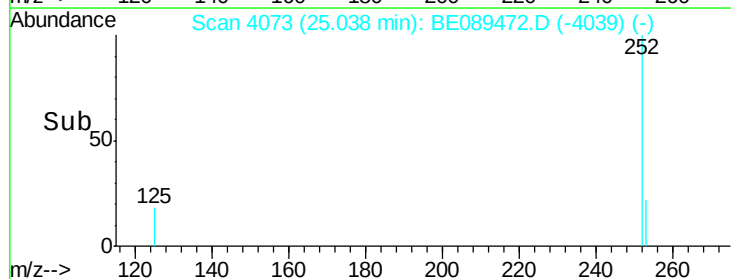
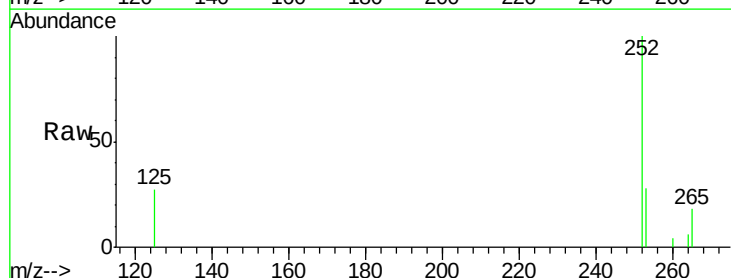
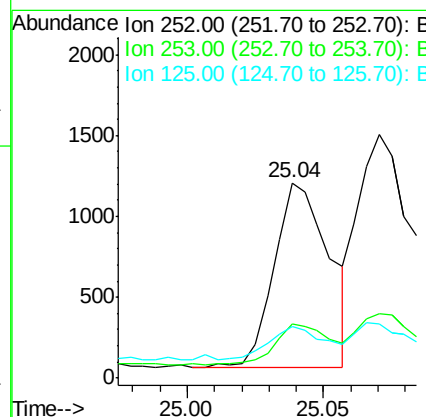
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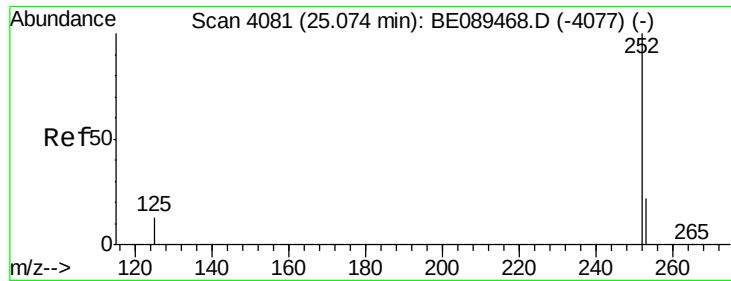
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#28
 Benzo(b)fluoranthene
 Concen: 0.07 ng
 RT: 25.04 min Scan# 4073
 Delta R.T. -0.00 min
 Lab File: BE089472.D
 Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1592		
253	27.6	17.4	26.2#	
125	26.5	11.3	16.9#	





#29

Benzo(k)fluoranthene

Concen: 0.08 ng m

RT: 25.07 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BE089472.D

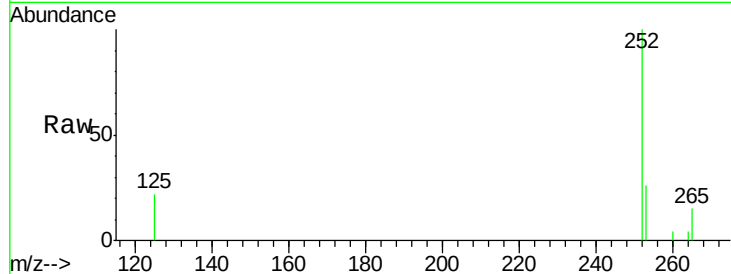
Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

LabSampleId :

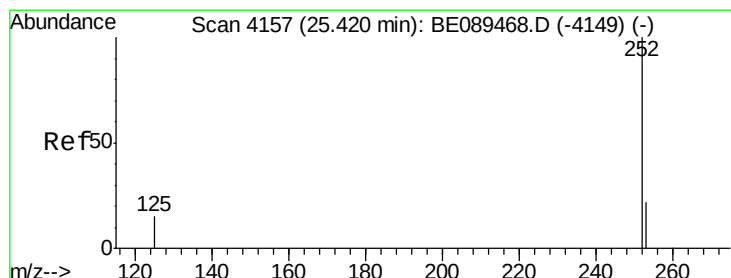
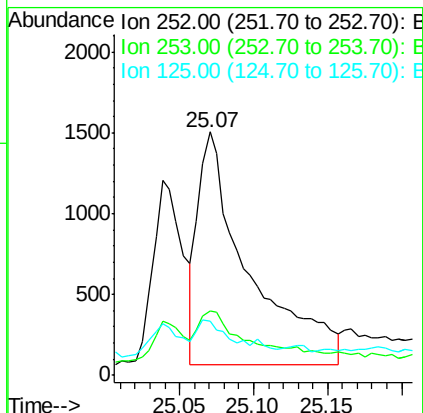
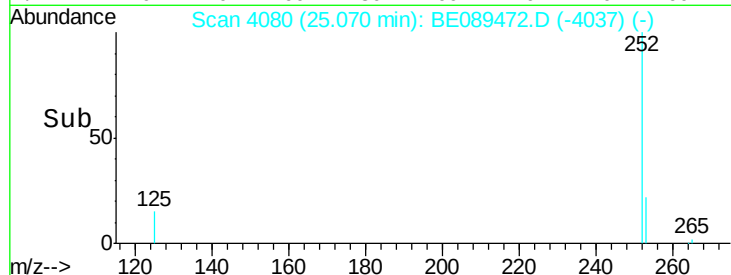
SSTDIC0.1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	22.4	10.6	15.8#

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#30

Benzo(a)pyrene

Concen: 0.06 ng

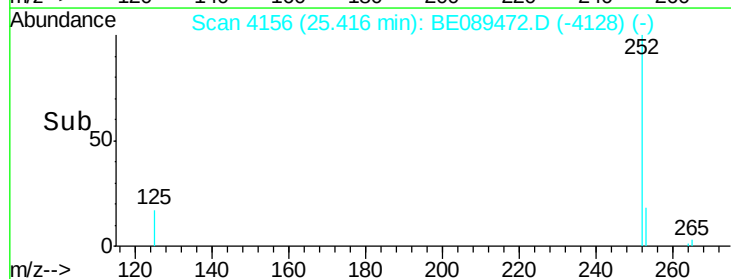
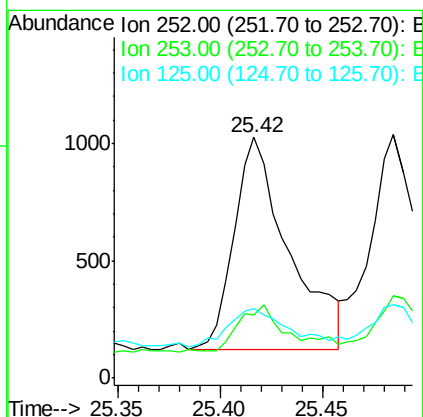
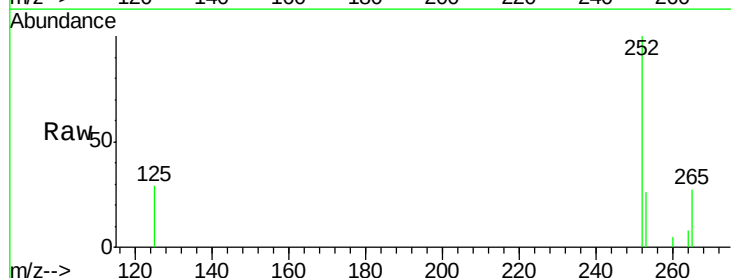
RT: 25.42 min Scan# 4156

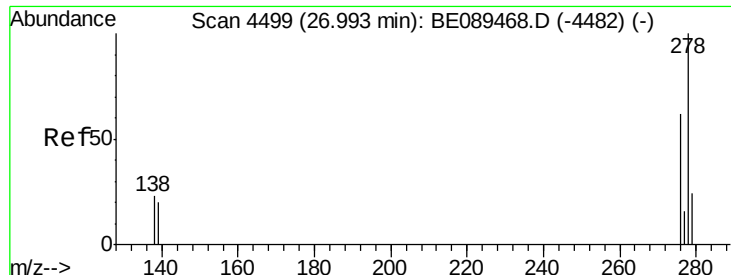
Delta R.T. -0.00 min

Lab File: BE089472.D

Acq: 3 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	28.8	12.2	18.4#





#31

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 26.99 min Scan# 4498

Delta R.T. -0.00 min

Lab File: BE089472.D

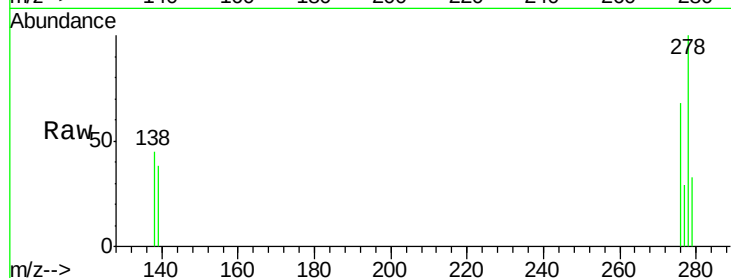
Acq: 3 Feb 2015 20:15

Instrument :

BNA_E

LabSampleId :

SSTDIC0.1



Tgt Ion: 278 Resp: 1306

Ion Ratio Lower Upper

278 100

139 37.5 16.8 25.2#

279 33.1 19.4 29.0#

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