

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089411.D
 Acq On : 29 Jan 2015 12:02
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

Manual Integrations
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 1/30/2015 5:55:26 PM

Quant Time: Jan 30 02:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 02:34:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	142382	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	537656	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	211174	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	420156	5.00	ng	0.00
20) Chrysene-d12	23.84	240	516859	5.00	ng	0.00
27) Perylene-d12	25.55	264	523057	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	25757	0.56	ng	0.00
4) Phenol-d6	8.85	99	31480	0.56	ng	0.00
8) Nitrobenzene-d5	10.84	82	21000	0.54	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	2660	0.54	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	29006	0.46	ng	0.00
22) Terphenyl-d14	22.48	244	30012	0.53	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.60	42	13927	0.57	ng	# 86
5) Phenol	8.87	94	34673	0.58	ng	94
6) bis(2-Chloroethyl)ether	9.06	93	25745	0.58	ng	# 99
9) Nitrobenzene	10.89	77	24296	0.56	ng	99
10) 2,4-Dimethylphenol	11.82	122	17189	0.52	ng	97
11) 2,4-Dichlorophenol	12.21	162	11660	0.46	ng	97
12) Hexachlorobutadiene	12.89	225	8037	0.45	ng	99
16) 2,4-Dinitrophenol	16.90	184	201	0.14	ng	# 70
18) Hexachlorobenzene	19.23	284	10150	0.52	ng	95
19) Pentachlorophenol	19.65	266	1101	0.29	ng	97
21) Benzidine	22.14	184	13445	0.32	ng	97
23) Benzo(a)anthracene	23.83	228	180998	0.39	ng	94
24) 3,3'-Dichlorobenzidine	23.81	252	12102	0.32	ng	# 96
25) Chrysene	23.87	228	266794	0.46	ng	100
26) Indeno(1,2,3-cd)pyrene	27.05	276	28652	0.21	ng	# 100
28) Benzo(b)fluoranthene	25.09	252	16595m	0.25	ng	
29) Benzo(k)fluoranthene	25.13	252	65841m	0.44	ng	
30) Benzo(a)pyrene	25.48	252	21851	0.27	ng	98
31) Dibenzo(a,h)anthracene	27.08	278	20005	0.24	ng	97

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

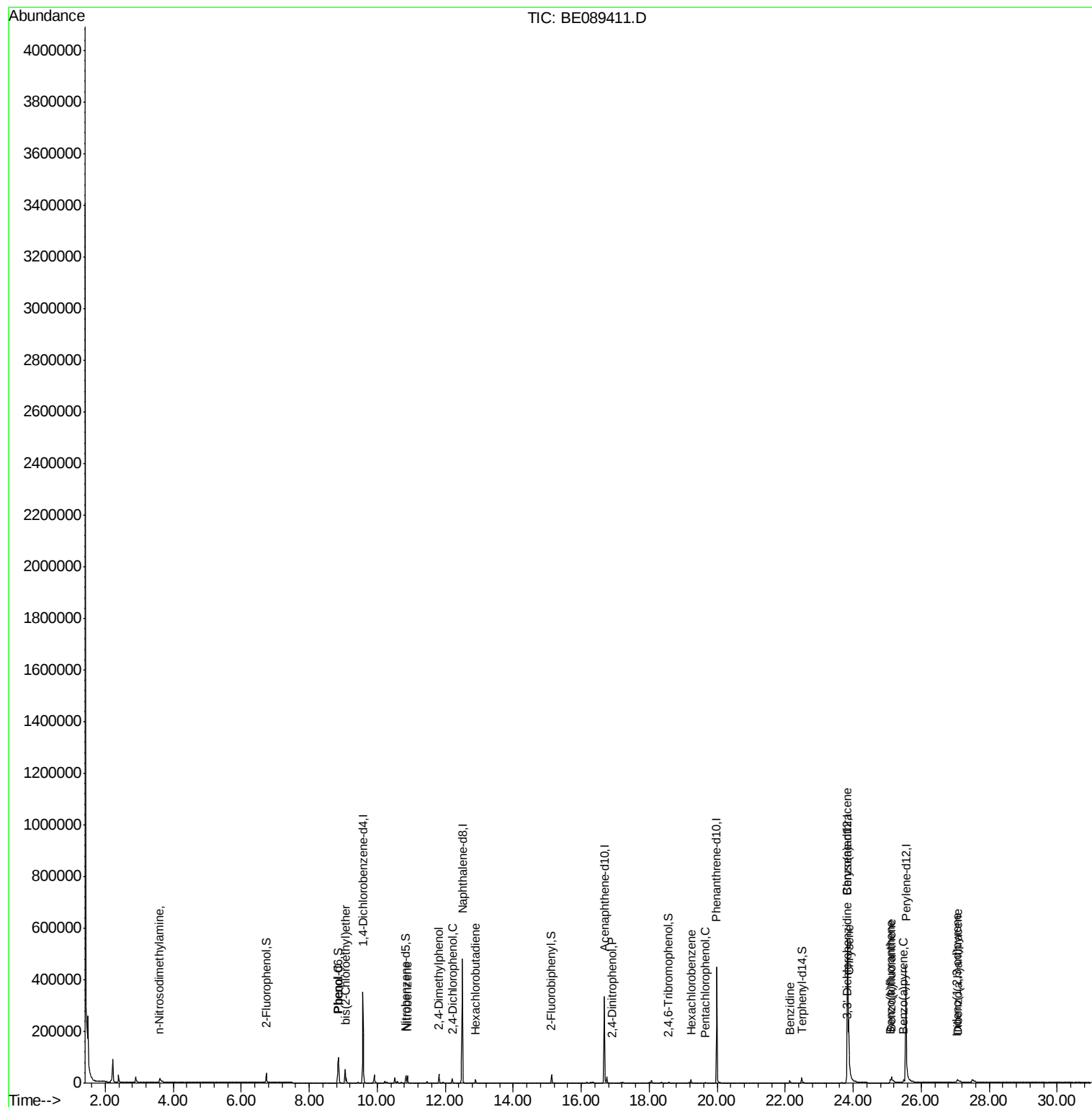
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
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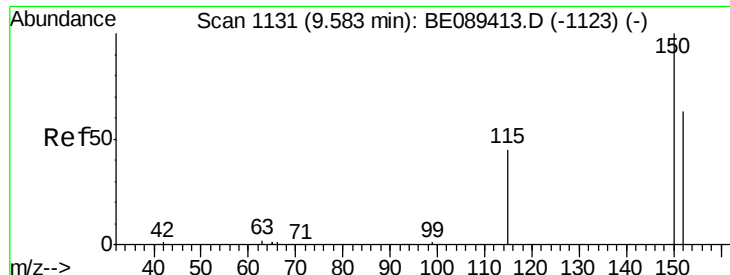
Instrument :
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QLast Update : Fri Jan 30 02:34:28 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089411.D

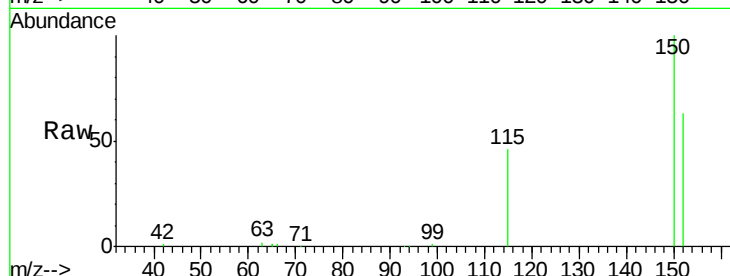
Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5



Tgt Ion: 152 Resp: 142382

Ion Ratio Lower Upper

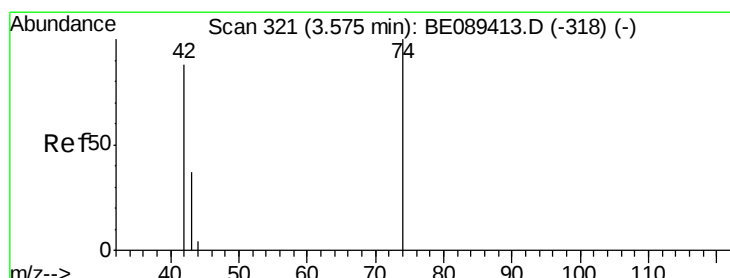
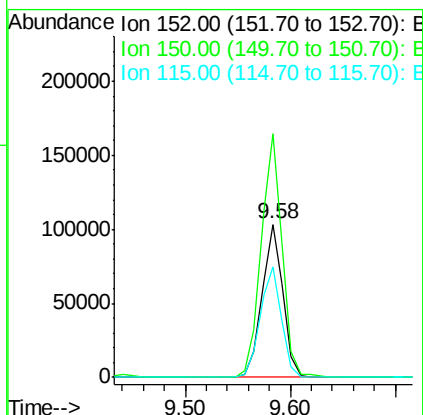
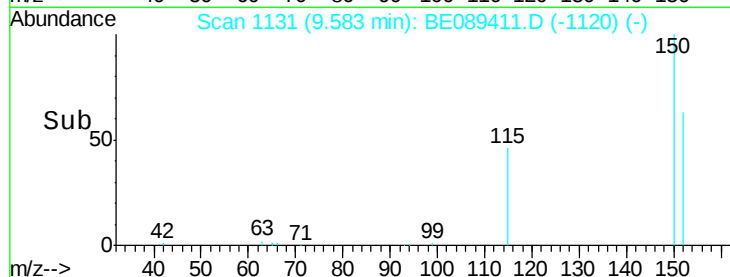
152 100

150 158.9 126.1 189.1

115 72.5 57.1 85.7

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#2

n-Nitrosodimethylamine

Concen: 0.57 ng

RT: 3.60 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

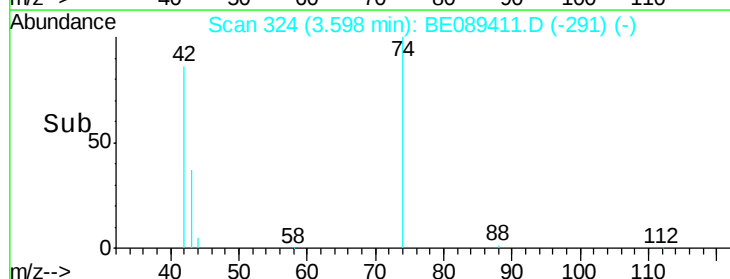
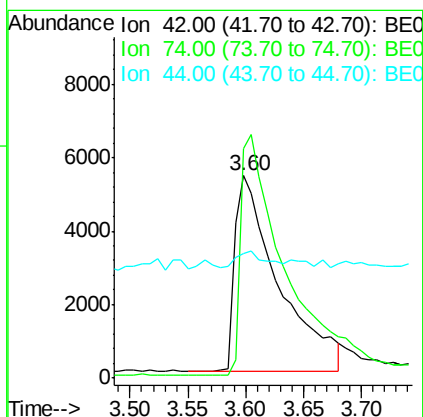
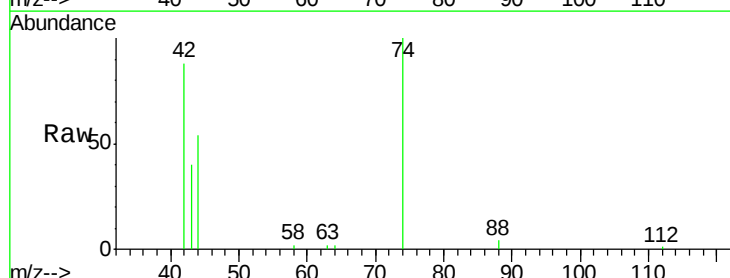
Tgt Ion: 42 Resp: 13927

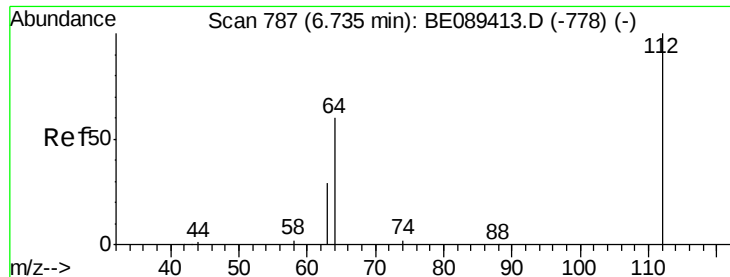
Ion Ratio Lower Upper

42 100

74 113.2 90.2 135.2

44 61.4 19.4 29.2#





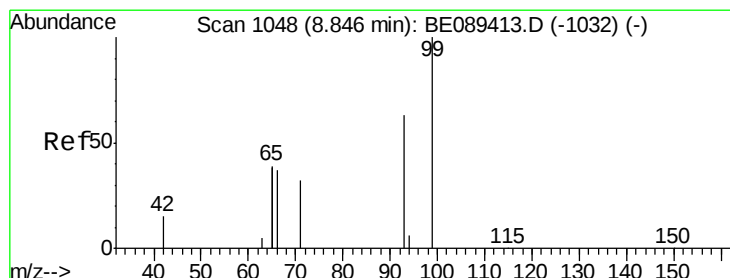
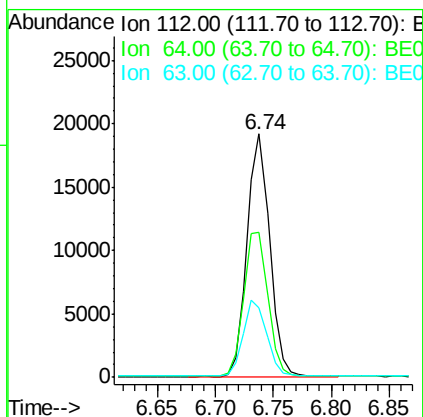
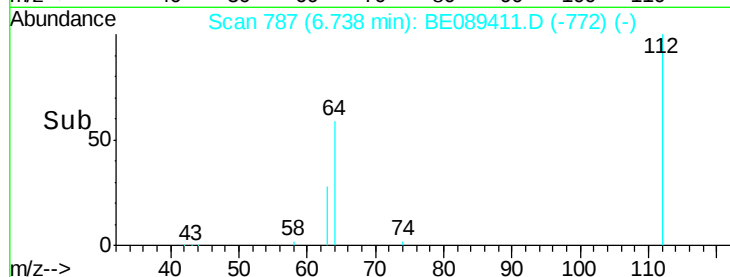
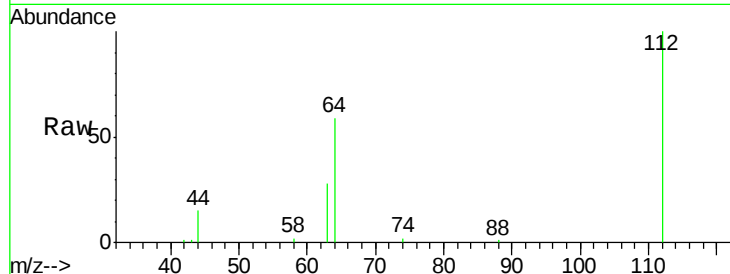
#3
2-Fluorophenol
Concen: 0.56 ng
RT: 6.74 min Scan# 787
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	25757		
64	59.3	48.2	72.4	
63	28.4	23.5	35.3	

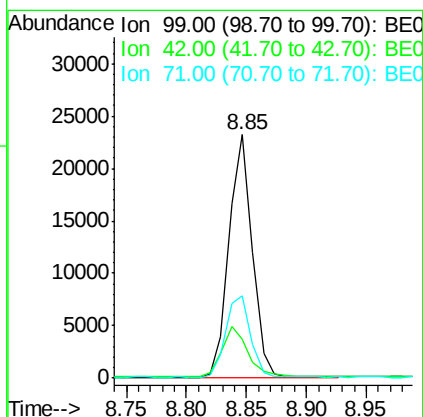
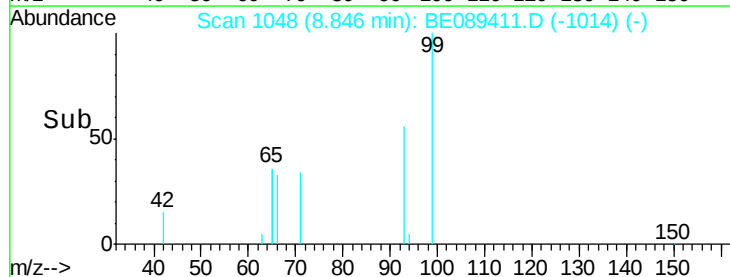
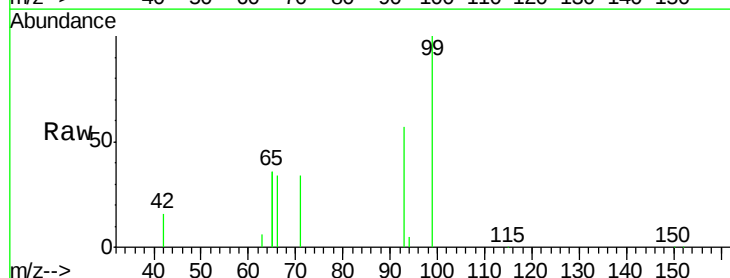
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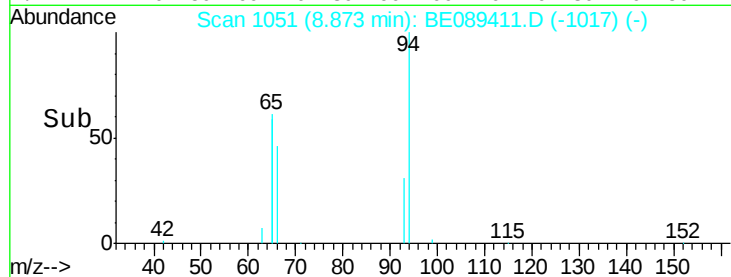
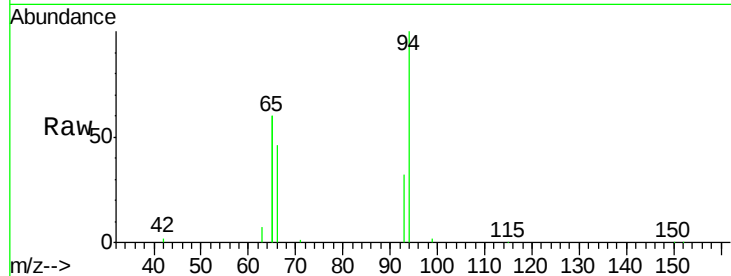
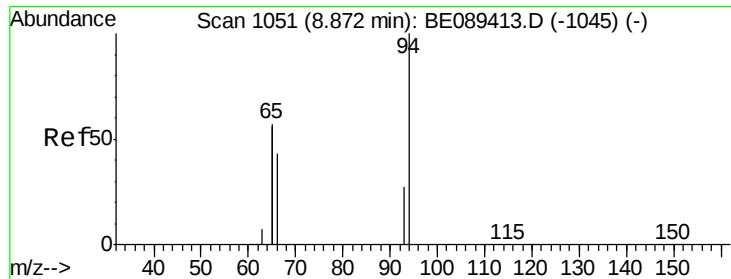
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#4
Phenol-d6
Concen: 0.56 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	31480		
42	15.9	11.9	17.9	
71	34.1	25.8	38.6	





#5

Phenol

Concen: 0.58 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

LabSampleId :

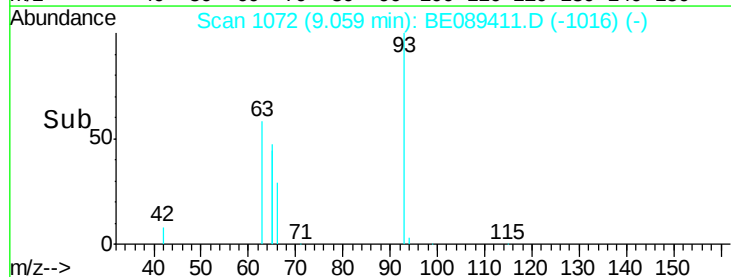
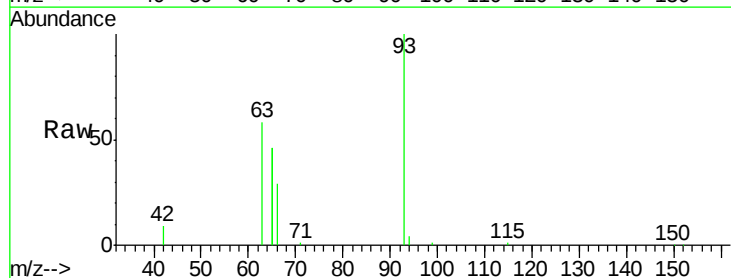
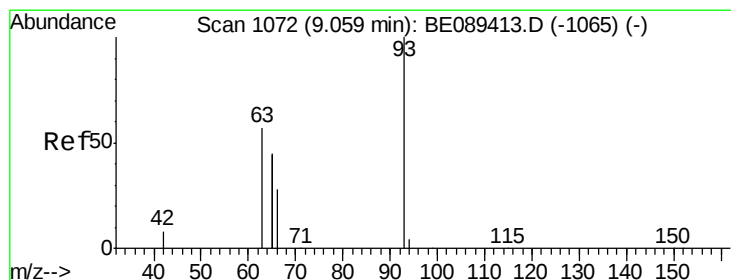
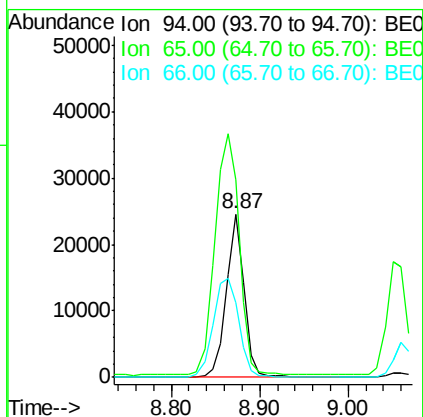
SSTDICC0.5

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Tgt Ion:	94	Resp:	34673
Ion	Ratio	Lower	Upper
94	100		
65	120.8	93.3	133.3
66	45.9	23.6	63.6



#6

bis(2-Chloroethyl)ether

Concen: 0.58 ng

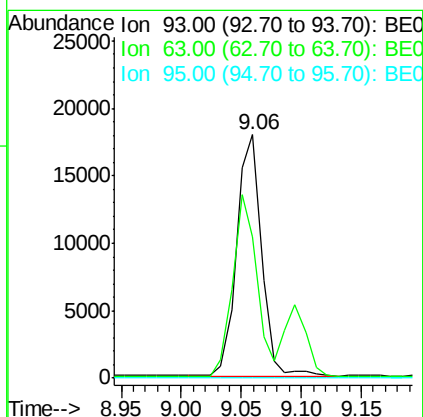
RT: 9.06 min Scan# 1072

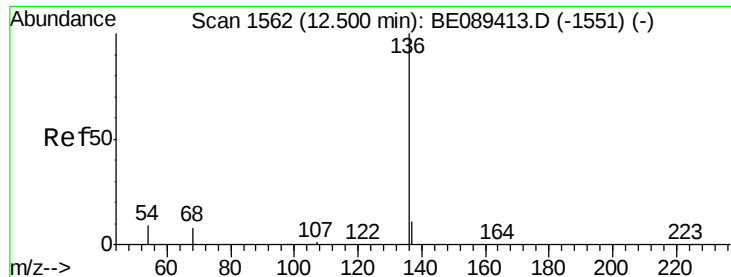
Delta R.T. 0.00 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Tgt Ion:	93	Resp:	25745
Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	88.0
95	0.0	0.0	0.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.50 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

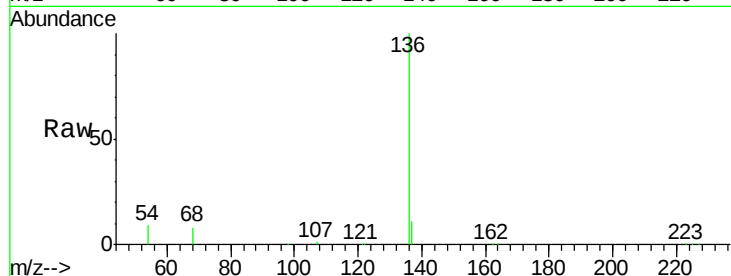
LabSampleId :

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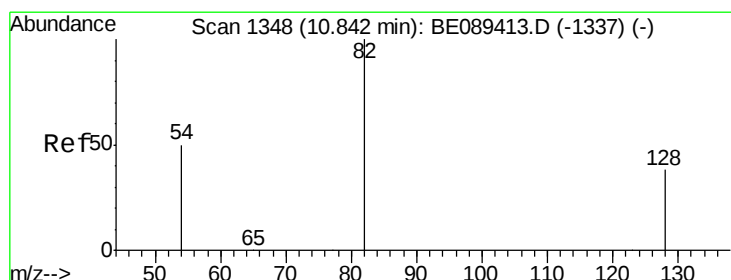
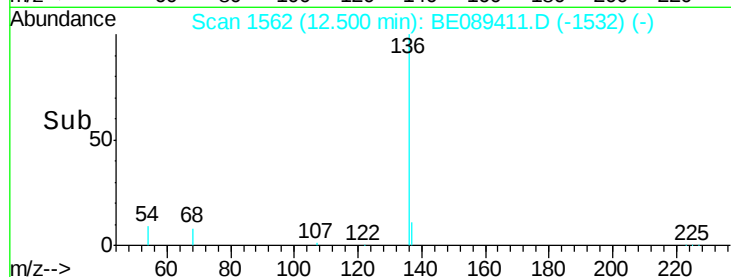
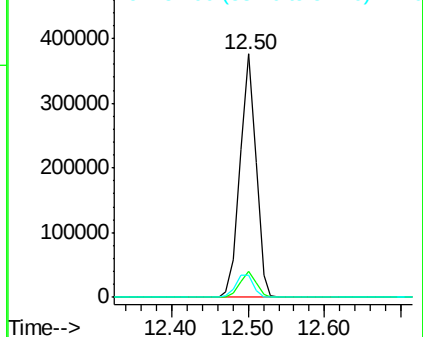
Tgt Ion:	136	Resp:	537656
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.0	7.5	11.3

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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



#8

Nitrobenzene-d5

Concen: 0.54 ng

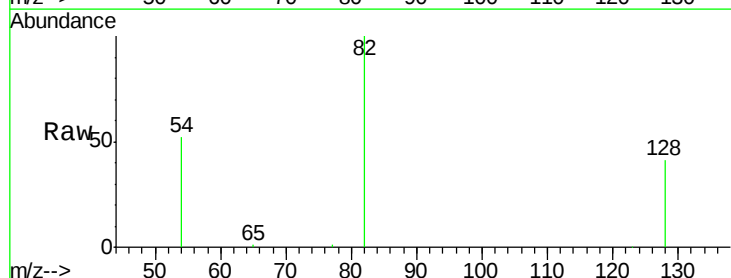
RT: 10.84 min Scan# 1348

Delta R.T. 0.00 min

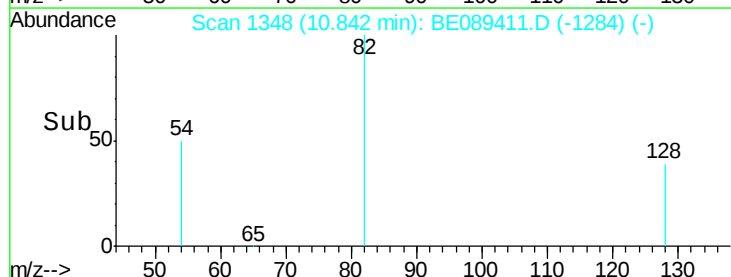
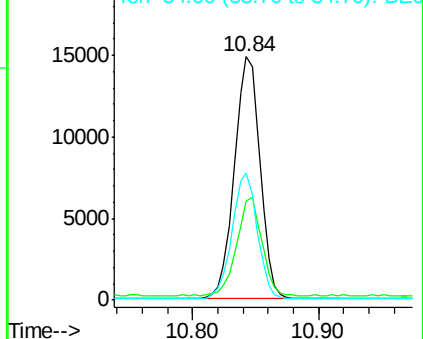
Lab File: BE089411.D

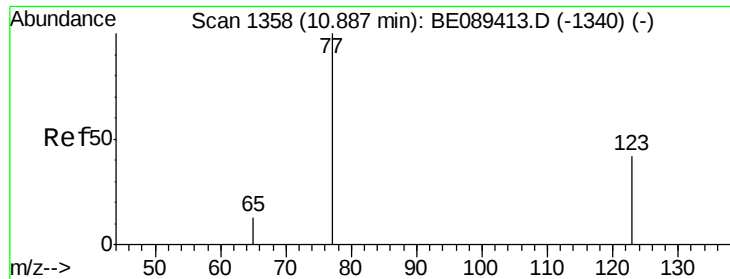
Acq: 29 Jan 2015 12:02

Tgt Ion:	82	Resp:	21000
Ion Ratio	Lower	Upper	
82	100		
128	40.6	31.0	46.4
54	52.3	39.8	59.6



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.56 ng

RT: 10.89 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BE089411.D

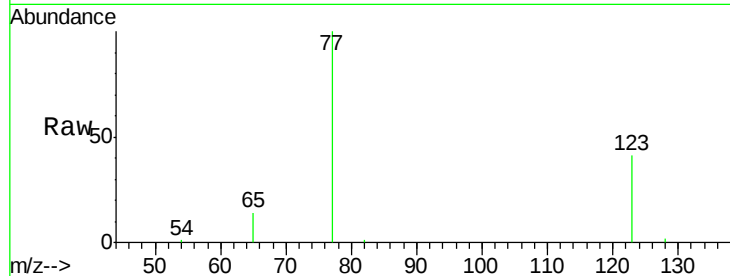
Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

LabSampleId :

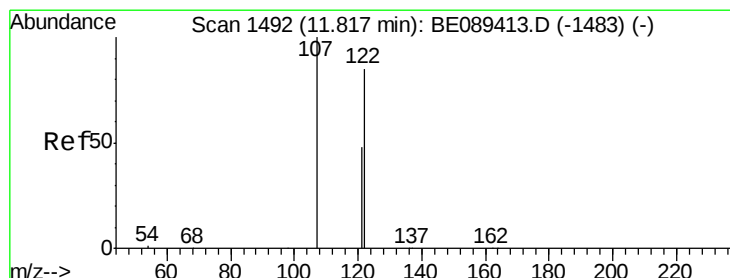
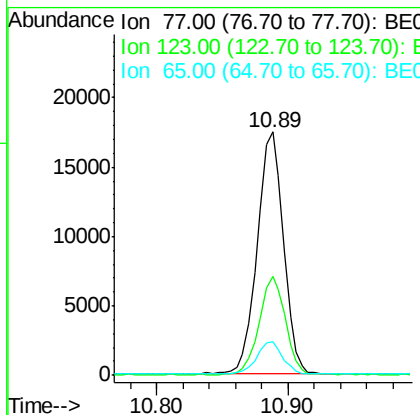
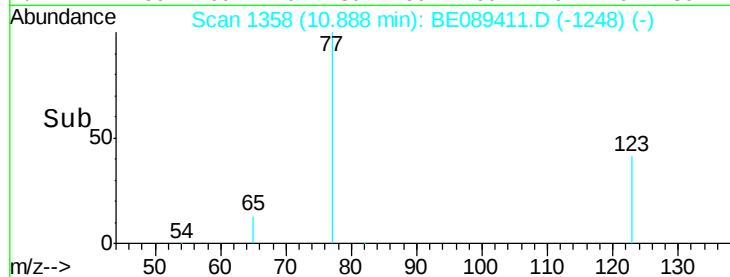
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Tgt Ion:	77	Resp:	24296
Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.8	49.2
65	13.3	11.0	16.6

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#10

2,4-Dimethylphenol

Concen: 0.52 ng

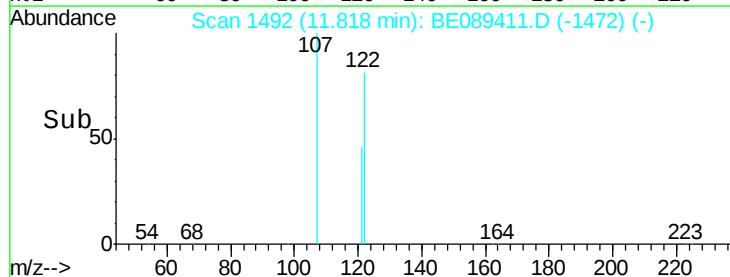
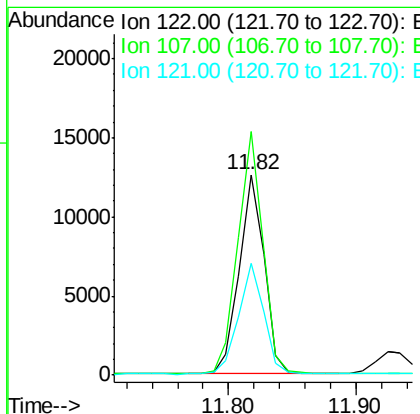
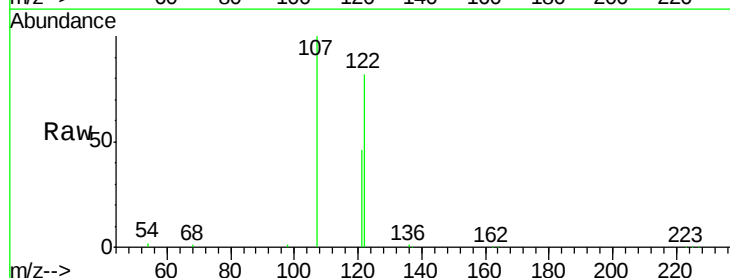
RT: 11.82 min Scan# 1492

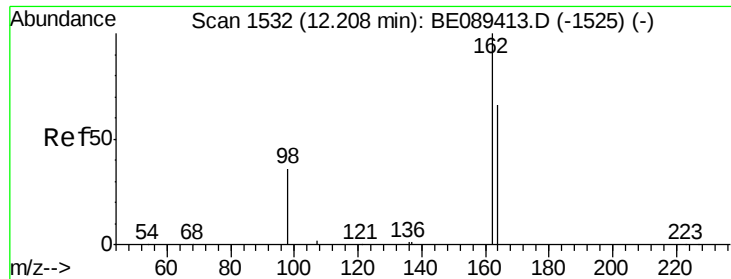
Delta R.T. 0.00 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Tgt Ion:	122	Resp:	17189
Ion	Ratio	Lower	Upper
122	100		
107	121.4	94.6	142.0
121	55.7	45.8	68.6





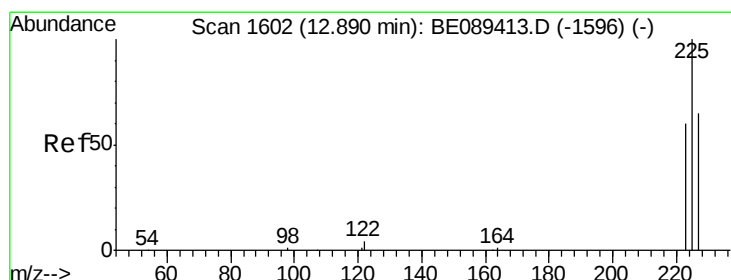
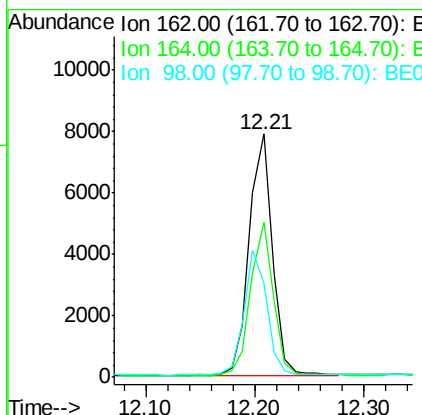
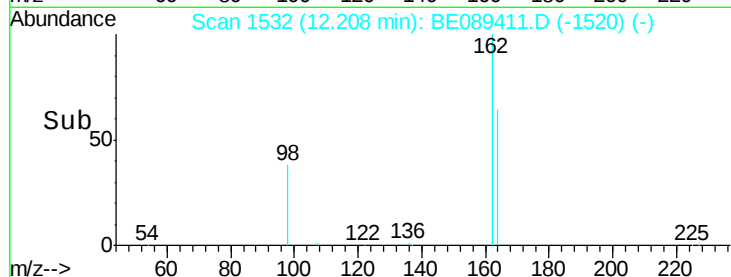
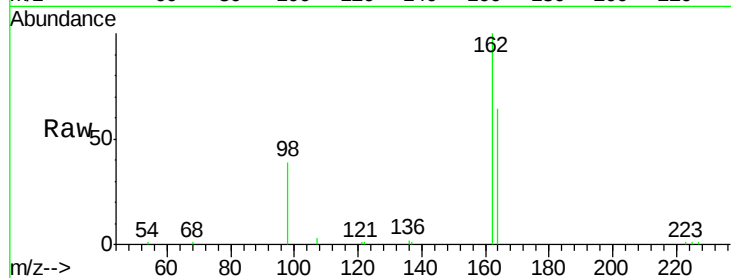
#11
2,4-Dichlorophenol
Concen: 0.46 ng
RT: 12.21 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:	162	Resp:	11660
Ion Ratio	Lower	Upper	
162	100		
164	63.7	46.1	86.1
98	38.7	16.2	56.2

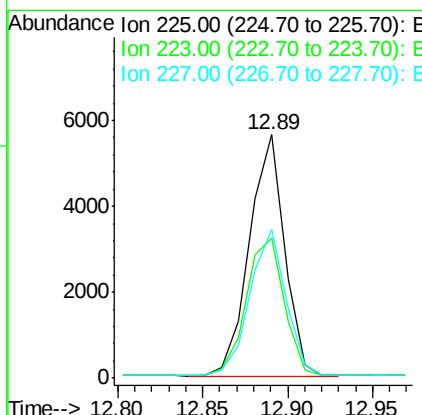
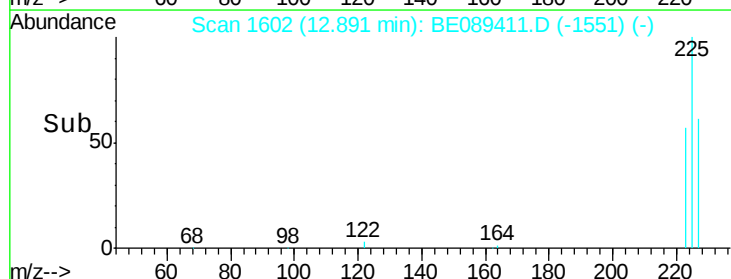
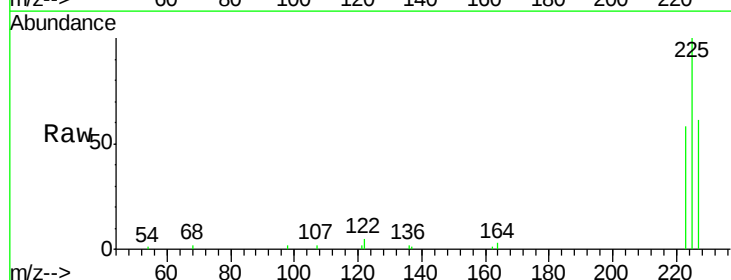
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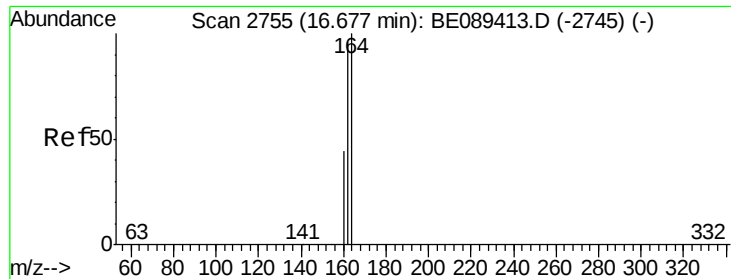
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#12
Hexachlorobutadiene
Concen: 0.45 ng
RT: 12.89 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:	225	Resp:	8037
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.4	75.6
227	62.1	50.2	75.2





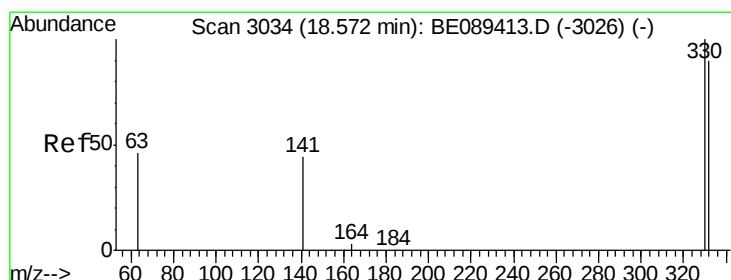
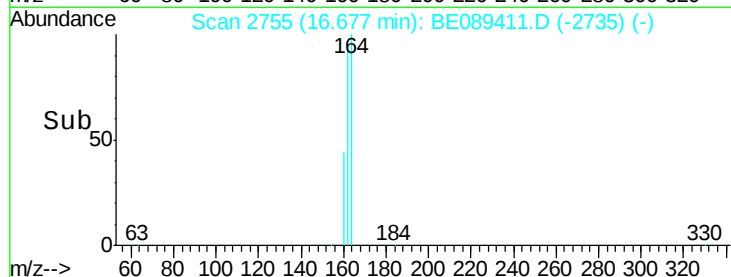
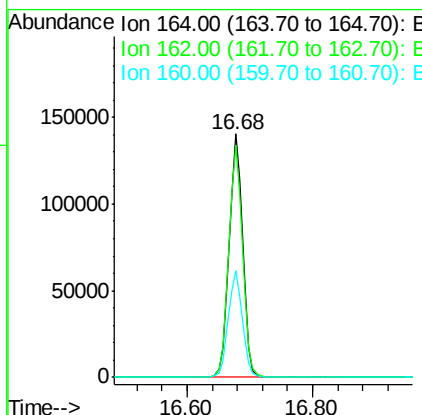
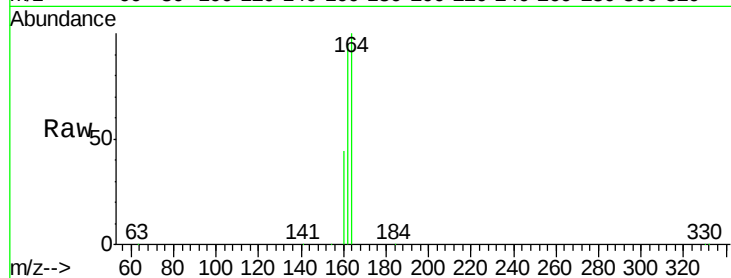
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211174		
162	95.3	77.0	115.6	
160	43.9	35.0	52.4	

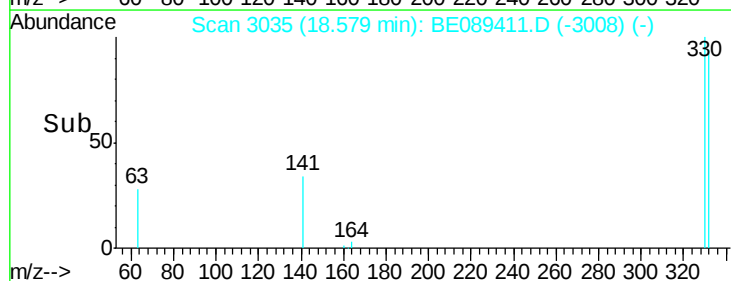
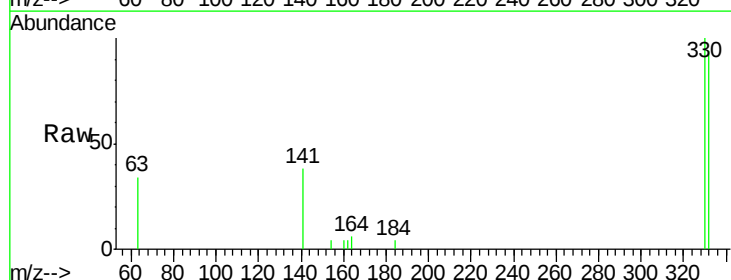
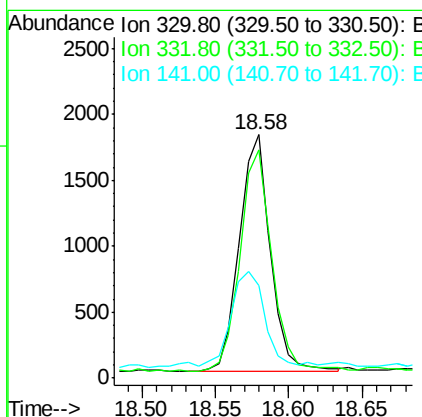
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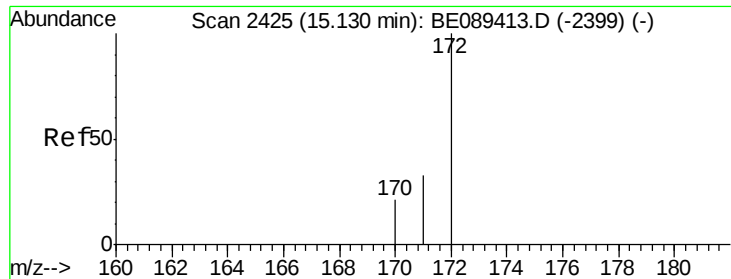
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#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	2660		
332	95.6	76.0	114.0	
141	44.7	35.6	53.4	





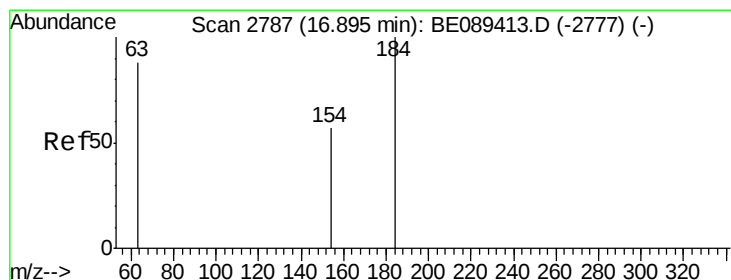
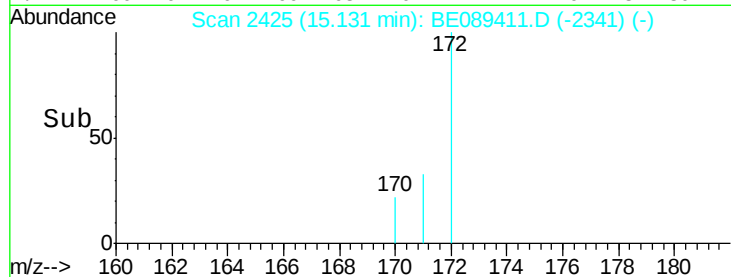
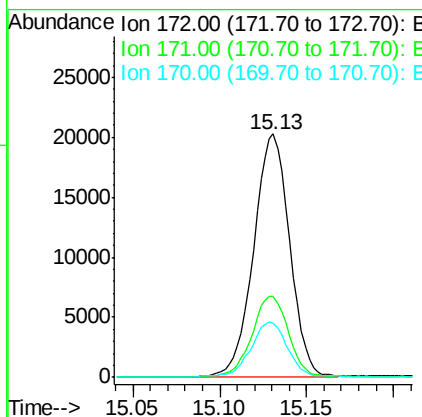
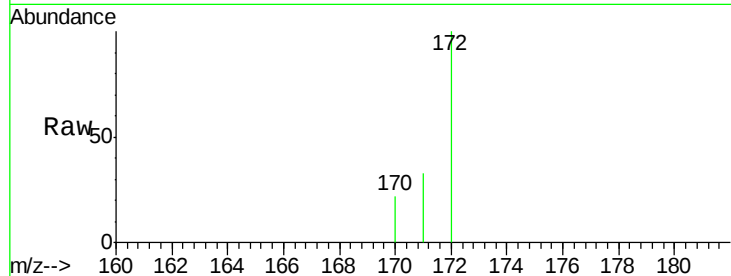
#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	39.8
170	22.5	17.1	25.7

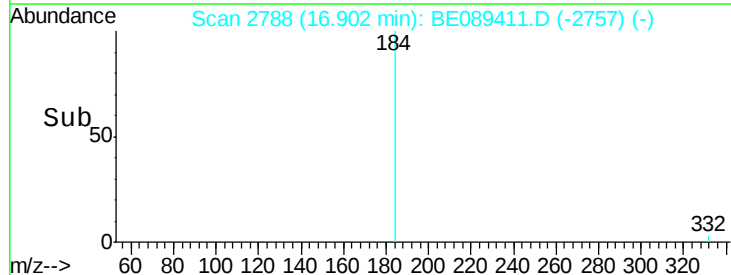
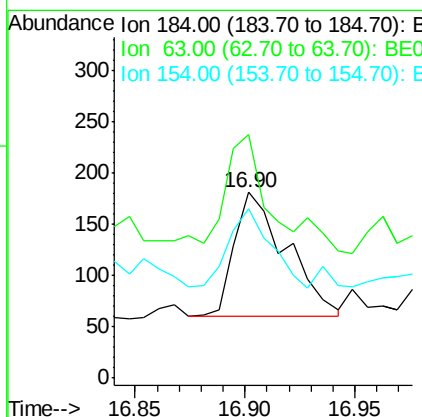
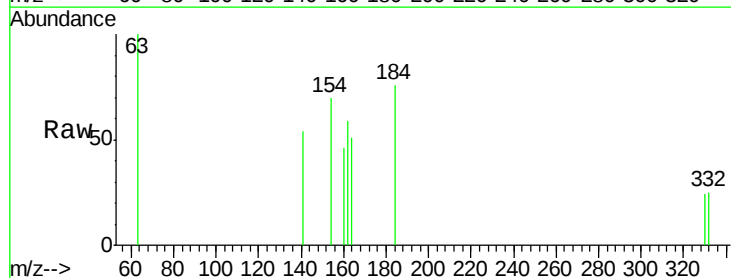
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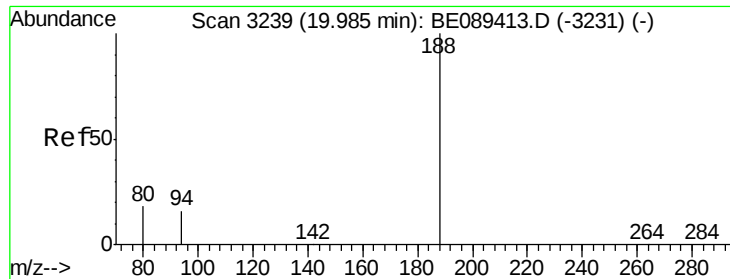
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#16
2,4-Dinitrophenol
Concen: 0.14 ng
RT: 16.90 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	130.9	79.0	118.4#
154	91.2	55.8	83.6#





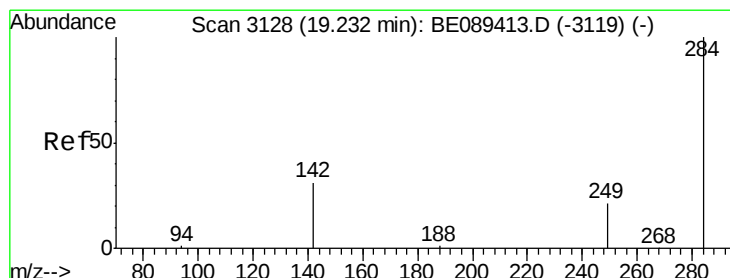
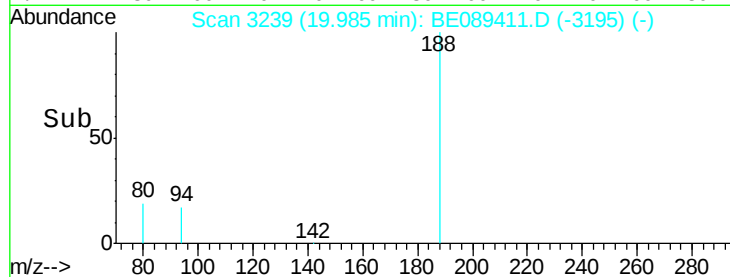
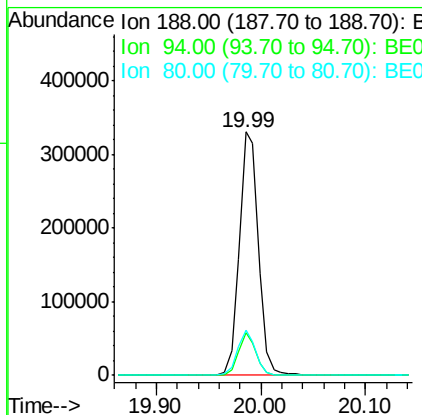
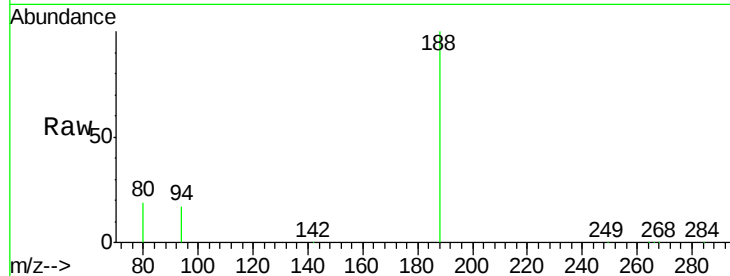
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	420156		
94	17.3	13.0	19.6	
80	18.8	14.2	21.4	

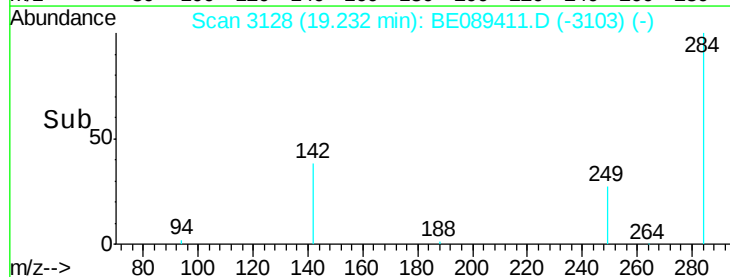
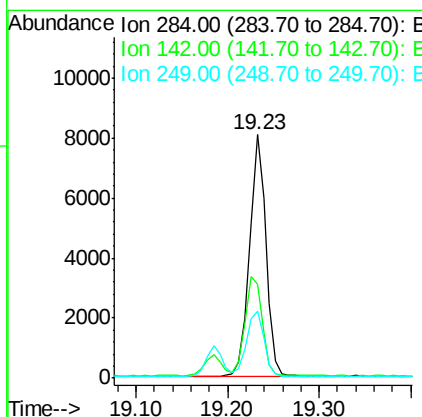
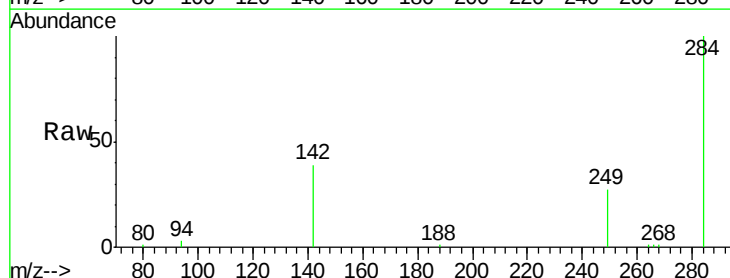
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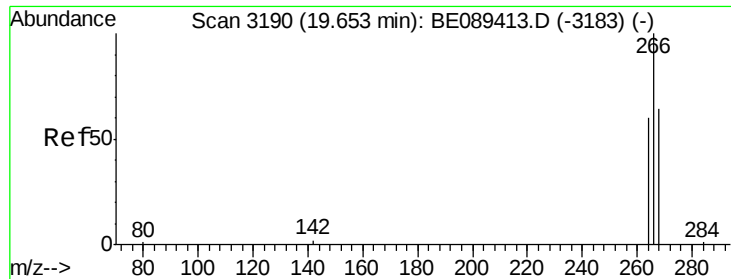
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#18
Hexachlorobenzene
Concen: 0.52 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	10150		
142	38.6	28.3	42.5	
249	27.3	19.9	29.9	





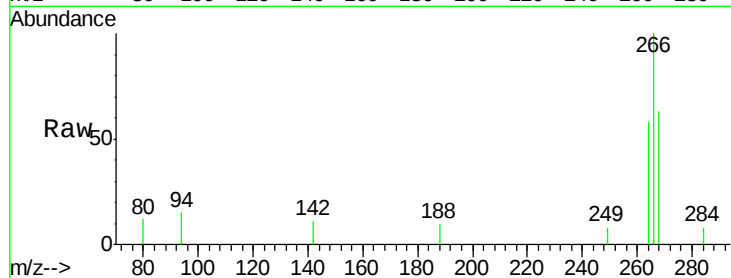
#19
 Pentachlorophenol
 Concen: 0.29 ng
 RT: 19.65 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BE089411.D
 Acq: 29 Jan 2015 12:02

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

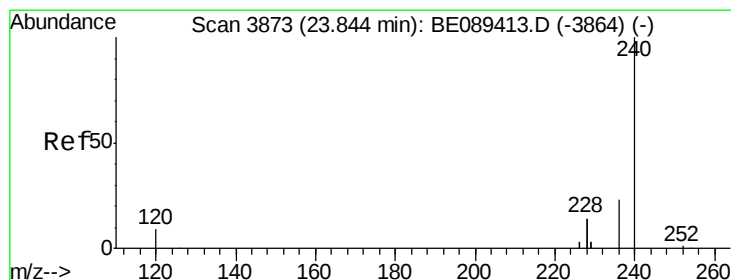
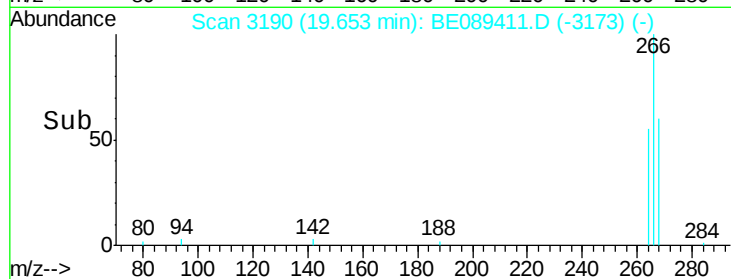
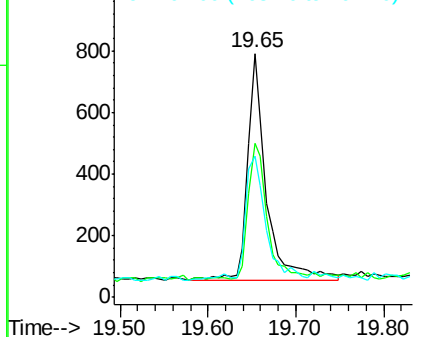
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	57.9	48.5	72.7

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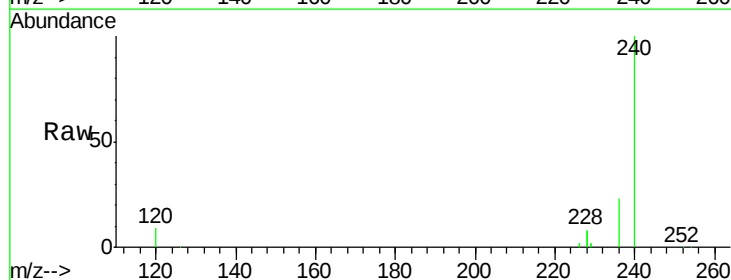


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

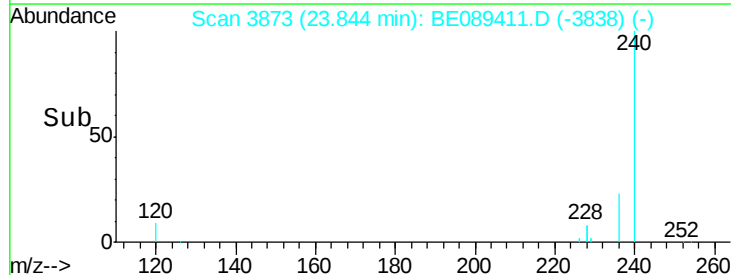
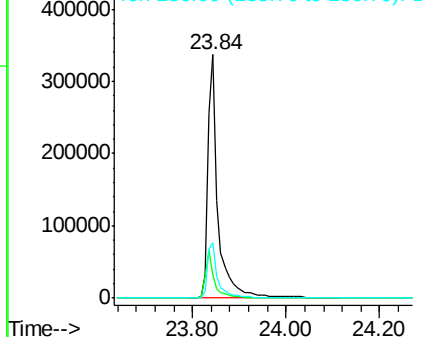


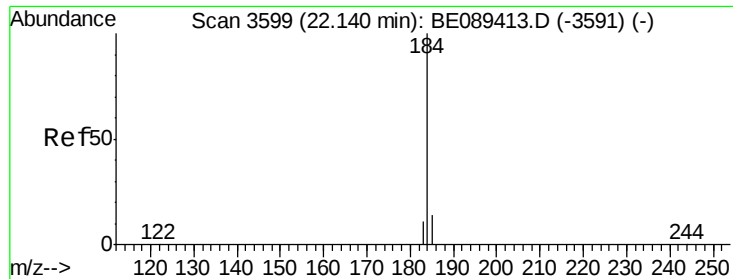
#20
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.84 min Scan# 3873
 Delta R.T. -0.00 min
 Lab File: BE089411.D
 Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	22.8	18.2	27.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





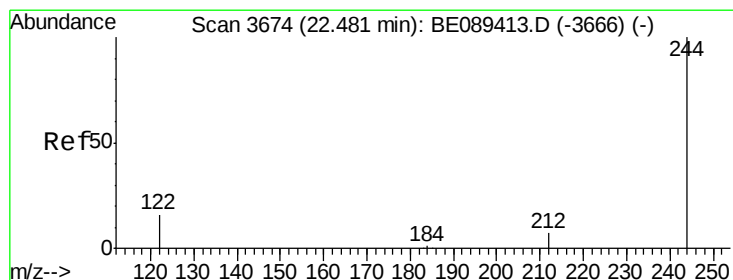
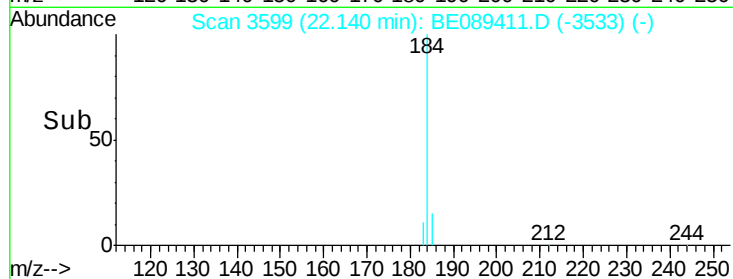
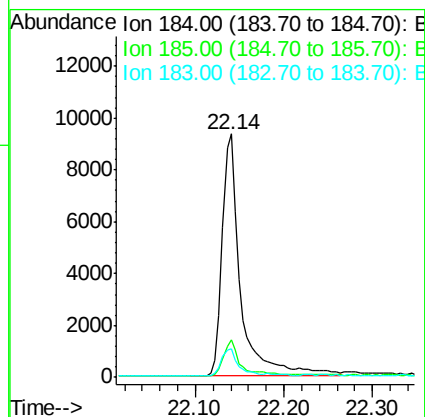
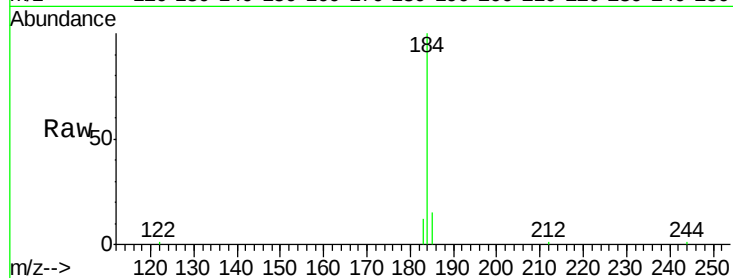
#21
Benzidine
Concen: 0.32 ng
RT: 22.14 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.0	16.6
183	11.8	8.6	13.0

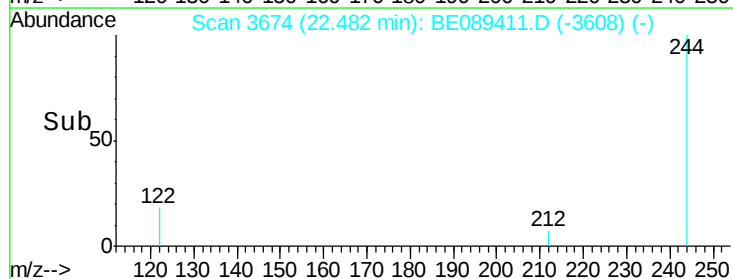
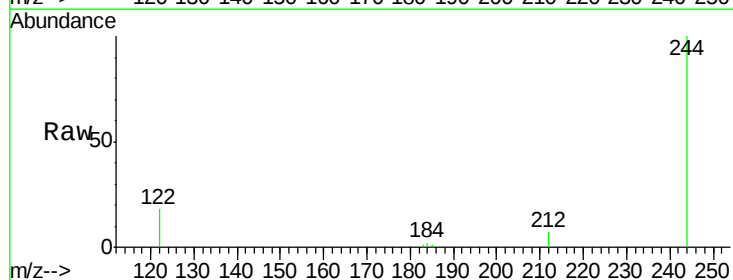
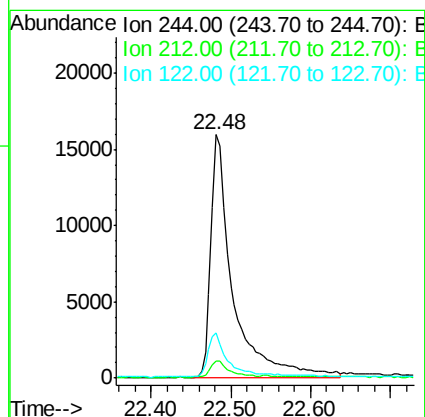
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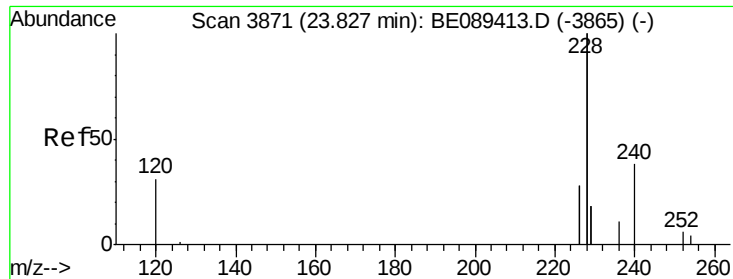
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#22
Terphenyl-d14
Concen: 0.53 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	18.4	13.2	19.8





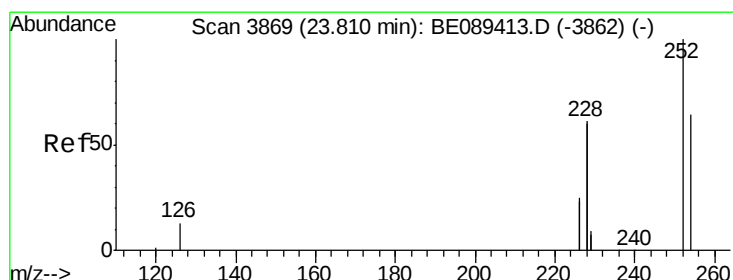
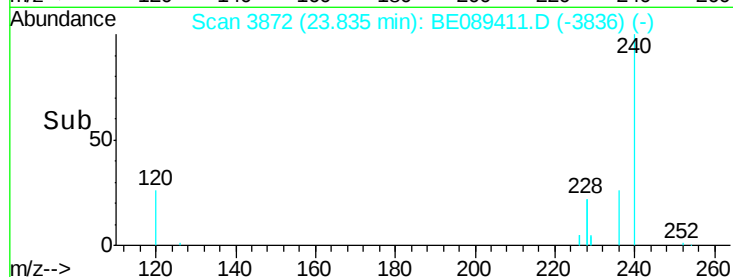
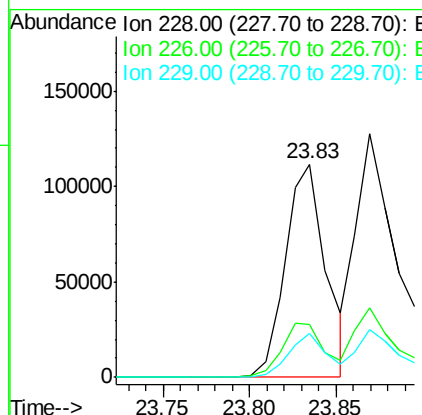
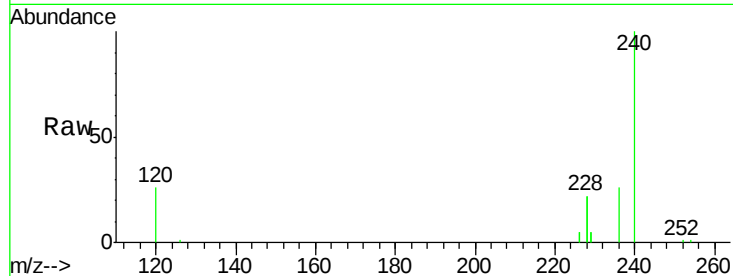
#23
Benzo(a)anthracene
Concen: 0.39 ng
RT: 23.83 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.6	22.6	33.8
229	20.7	14.5	21.7

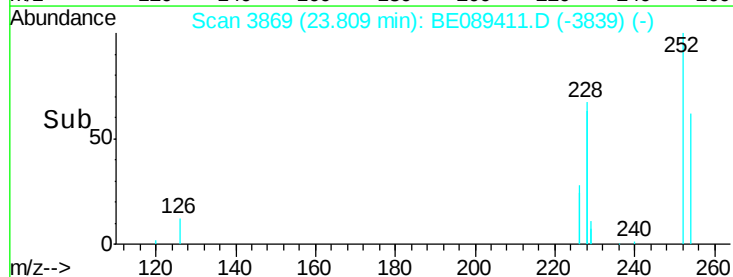
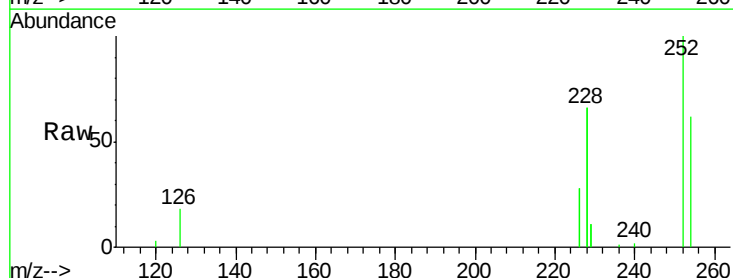
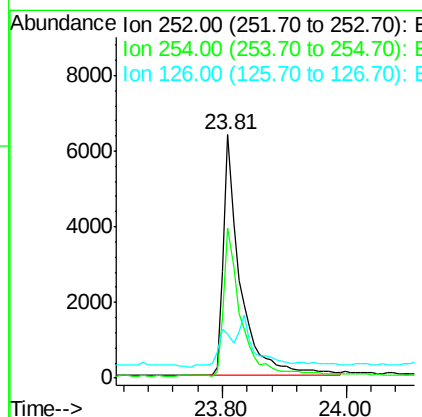
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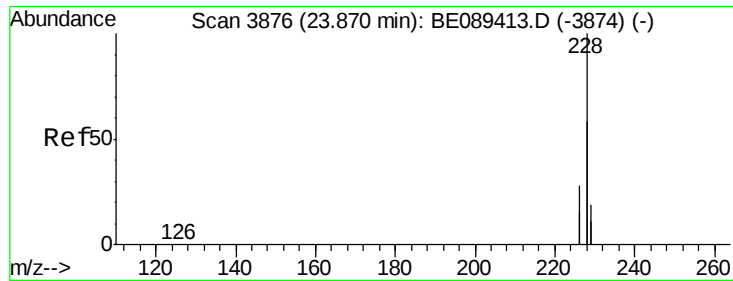
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#24
3,3'-Dichlorobenzidine
Concen: 0.32 ng
RT: 23.81 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.1	76.7
126	18.0	11.5	17.3





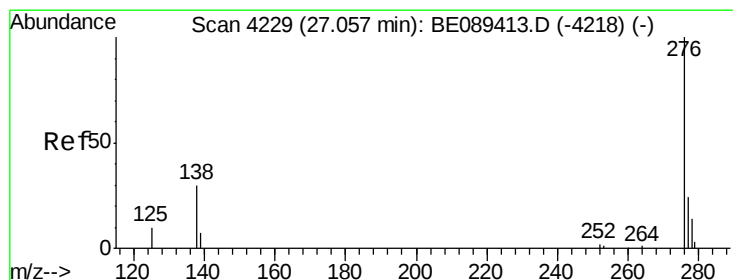
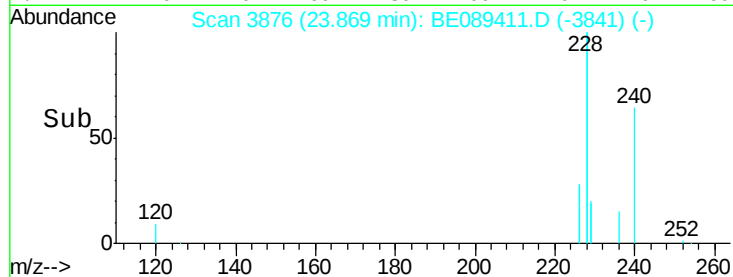
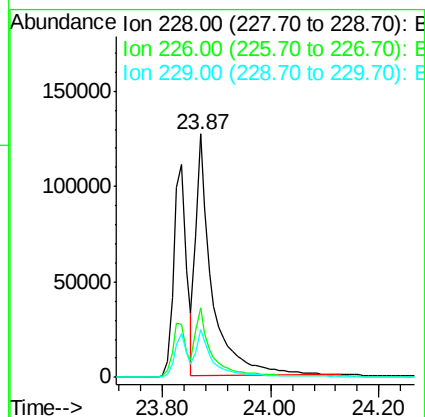
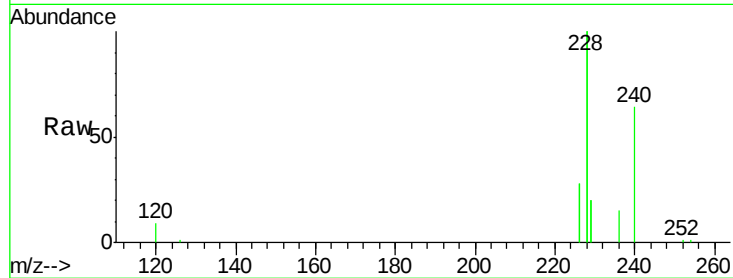
#25
 Chrysene
 Concen: 0.46 ng
 RT: 23.87 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BE089411.D
 Acq: 29 Jan 2015 12:02

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	266794		
226	28.3		22.6	33.8
229	19.6		15.5	23.3

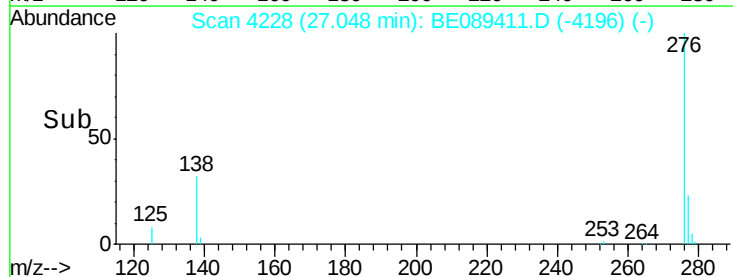
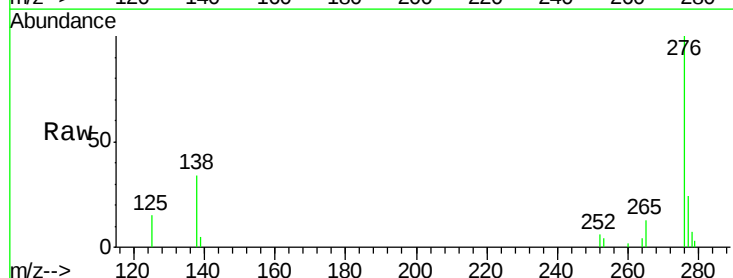
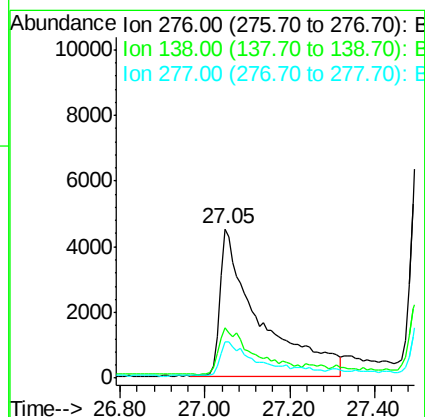
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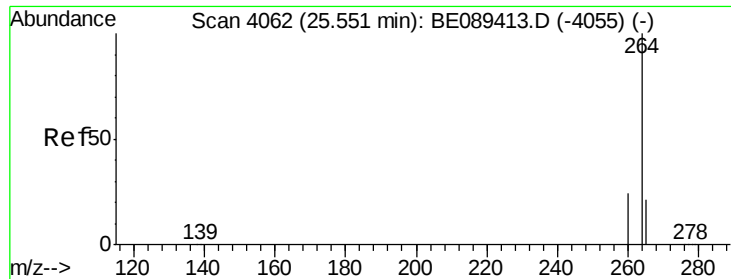
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#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.21 ng
 RT: 27.05 min Scan# 4228
 Delta R.T. -0.01 min
 Lab File: BE089411.D
 Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	28652		
138	29.6		0.0	0.0#
277	17.9		0.0	0.0#





#27

Perylene-d12

Concen: 5.00 ng

RT: 25.55 min Scan# 4062

Delta R.T. 0.00 min

Lab File: BE089411.D

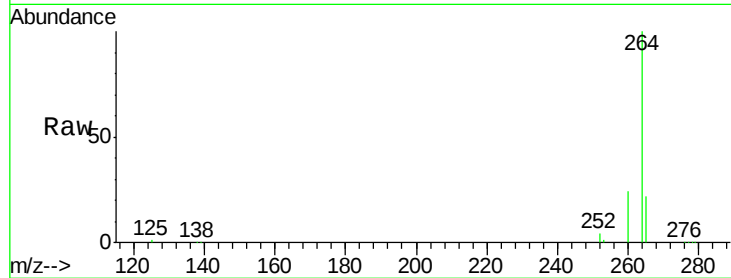
Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

LabSampleId :

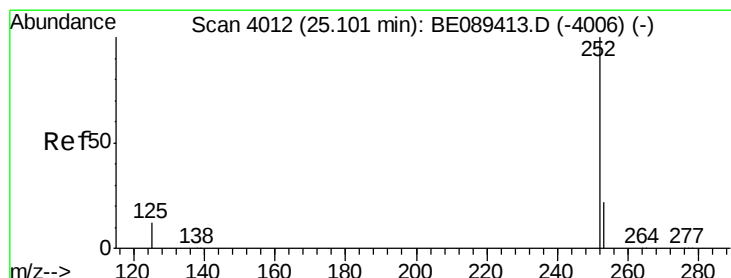
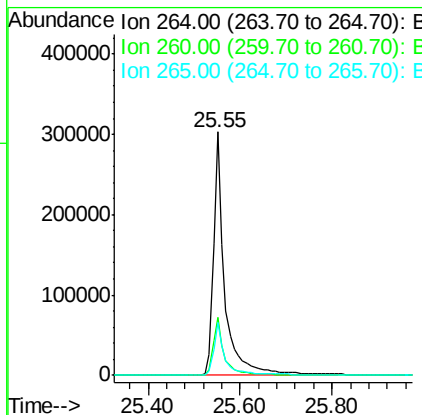
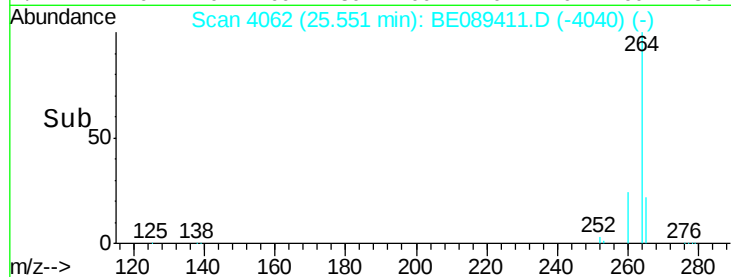
SSTDICC0.5



Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.7	17.1	25.7

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#28

Benzo(b)fluoranthene

Concen: 0.25 ng m

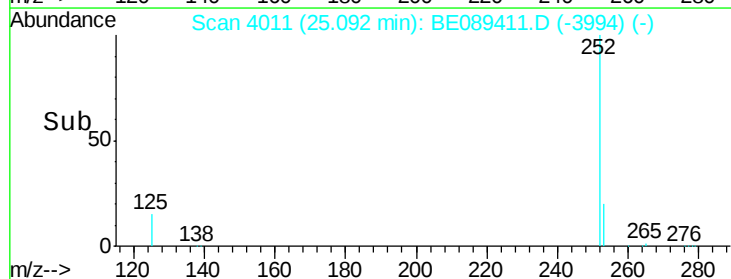
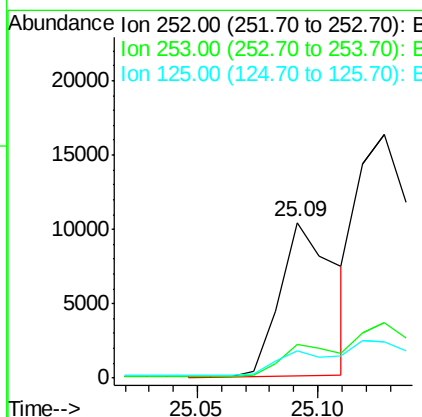
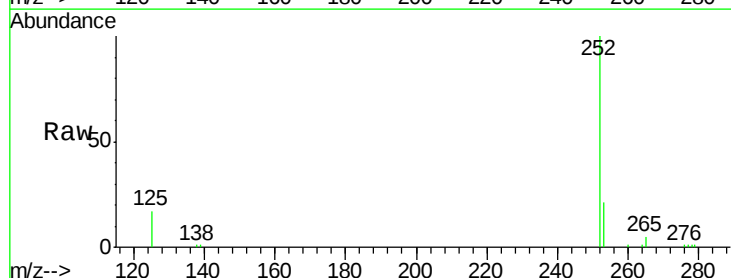
RT: 25.09 min Scan# 4011

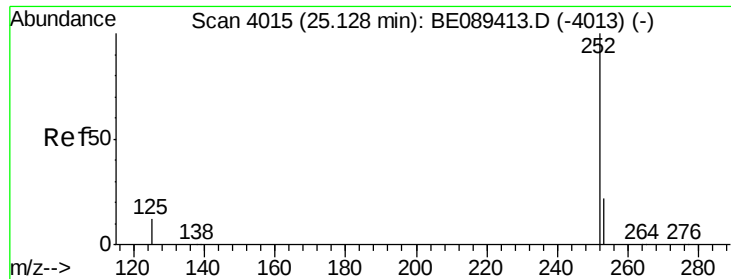
Delta R.T. -0.01 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	17.3	10.5	15.7#





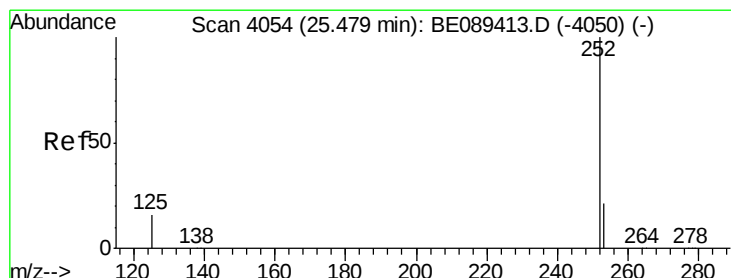
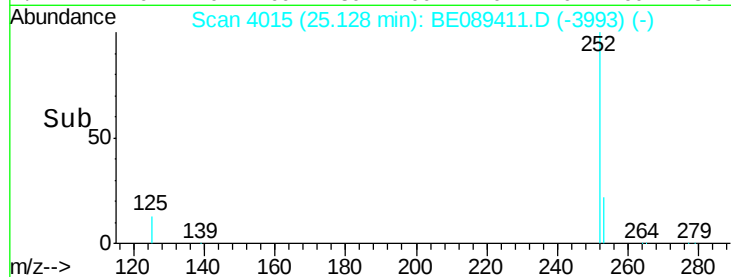
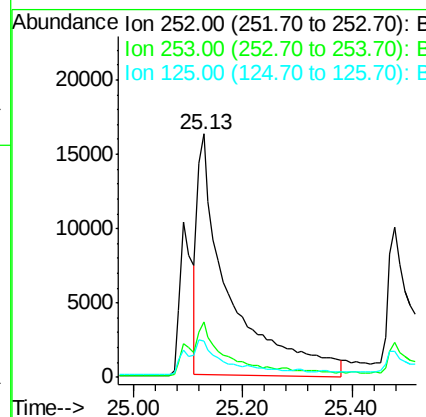
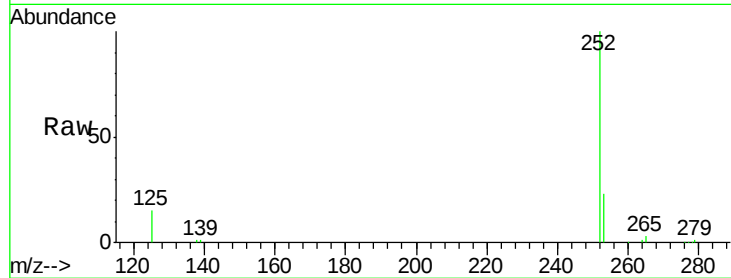
#29
Benzo(k)fluoranthene
Concen: 0.44 ng m
RT: 25.13 min Scan# 4015
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	14.7	11.0	16.6

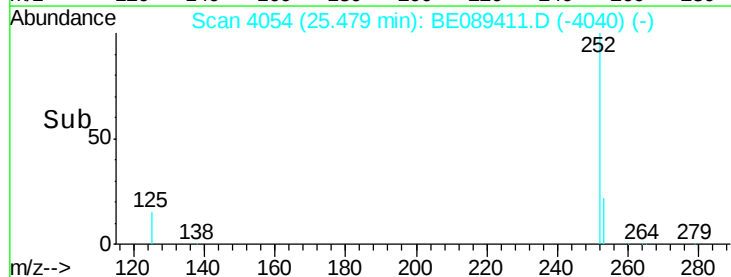
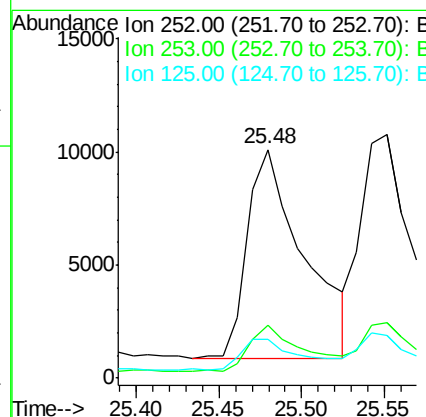
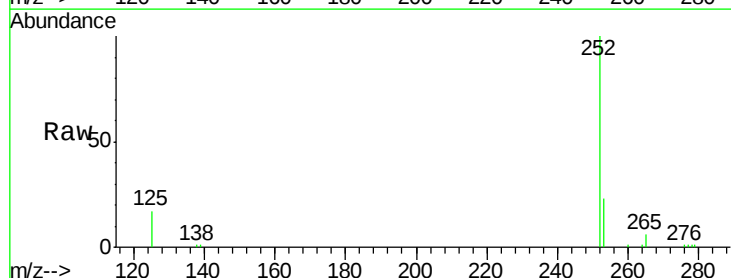
Manual Integrations
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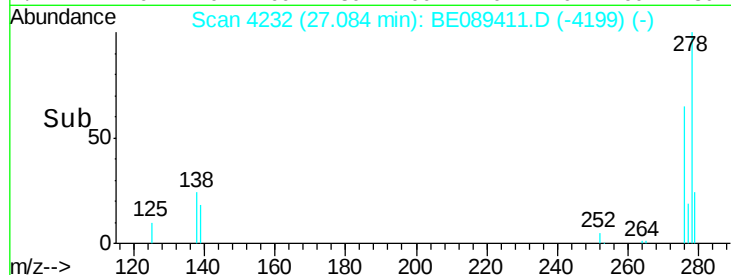
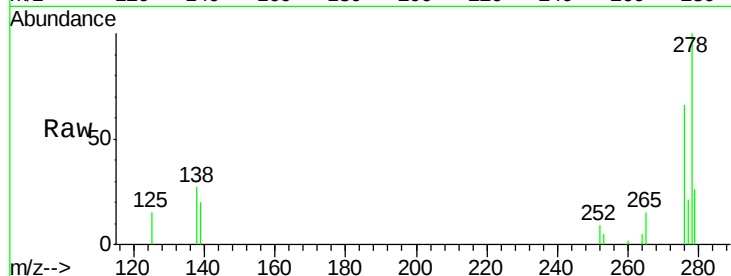
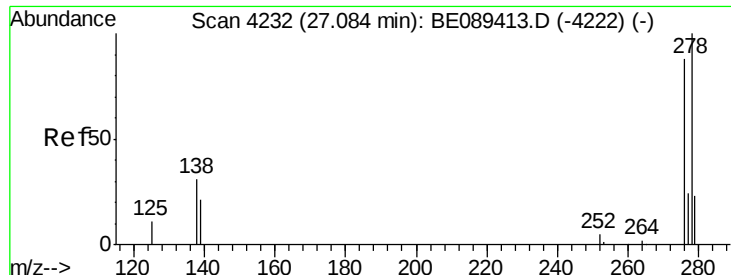
apatel
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#30
Benzo(a)pyrene
Concen: 0.27 ng
RT: 25.48 min Scan# 4054
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	17.0	13.0	19.6





#31

Dibenzo(a,h)anthracene

Concen: 0.24 ng

RT: 27.08 min Scan# 4232

Delta R.T. 0.00 min

Lab File: BE089411.D

Acq: 29 Jan 2015 12:02

Instrument :

BNA_E

LabSampleId :

SSTDICC0.5

Tgt Ion: 278 Resp: 20005

Ion Ratio Lower Upper

278 100

139 20.1 17.2 25.8

279 25.7 19.2 28.8

Manual Integrations

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