

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089413.D
 Acq On : 29 Jan 2015 13:19
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICCC001

Manual Integrations
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Quant Time: Jan 30 02:59:58 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	172715	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	627822	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	239675	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	479216	5.00	ng	0.00
20) Chrysene-d12	23.84	240	648652	5.00	ng	0.00
27) Perylene-d12	25.55	264	691358	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	61007	1.10	ng	0.00
4) Phenol-d6	8.85	99	72163	1.06	ng	0.00
8) Nitrobenzene-d5	10.84	82	48746	1.08	ng	0.00
14) 2,4,6-Tribromophenol	18.57	330	6328	1.14	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	64150	0.89	ng	0.00
22) Terphenyl-d14	22.48	244	74711	1.04	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.58	42	35276	1.20	ng	100
5) Phenol	8.87	94	78953	1.09	ng	100
6) bis(2-Chloroethyl)ether	9.06	93	58655	1.09	ng	# 100
9) Nitrobenzene	10.89	77	55865	1.09	ng	100
10) 2,4-Dimethylphenol	11.82	122	39111	1.02	ng	100
11) 2,4-Dichlorophenol	12.21	162	27808	0.95	ng	100
12) Hexachlorobutadiene	12.89	225	18147	0.88	ng	100
16) 2,4-Dinitrophenol	16.89	184	1173	0.72	ng	100
18) Hexachlorobenzene	19.23	284	22085	0.99	ng	100
19) Pentachlorophenol	19.65	266	3679	0.86	ng	100
21) Benzidine	22.14	184	37078	0.71	ng	100
23) Benzo(a)anthracene	23.83	228	472429	0.80	ng	100
24) 3,3'-Dichlorobenzidine	23.81	252	35384	0.75	ng	100
25) Chrysene	23.87	228	631594	0.87	ng	100
26) Indeno(1,2,3-cd)pyrene	27.06	276	103305	0.62	ng	# 100
28) Benzo(b)fluoranthene	25.10	252	56283m	0.64	ng	
29) Benzo(k)fluoranthene	25.13	252	200329m	1.01	ng	
30) Benzo(a)pyrene	25.48	252	75116	0.71	ng	100
31) Dibenzo(a,h)anthracene	27.08	278	74833	0.69	ng	100

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

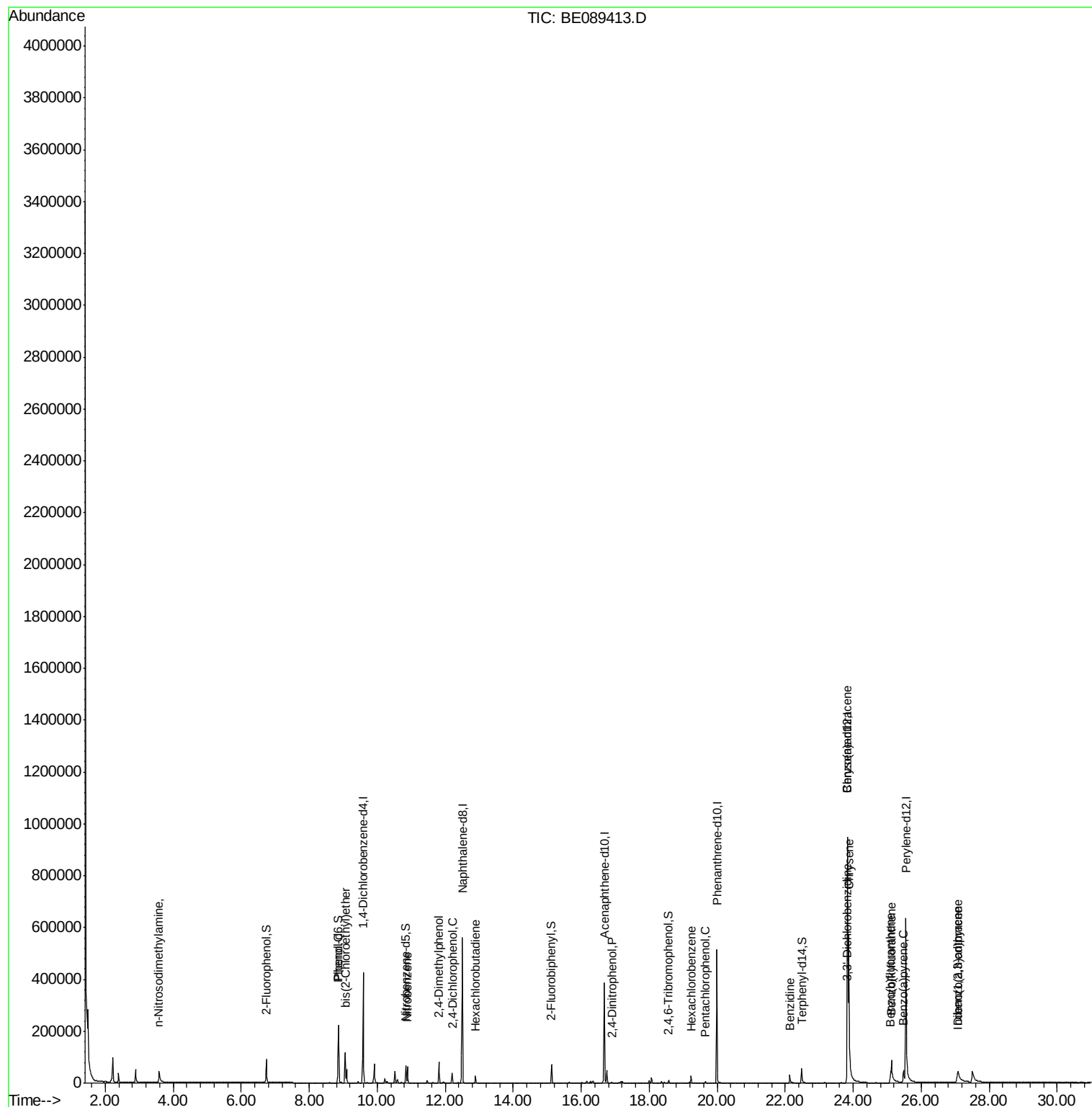
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089413.D
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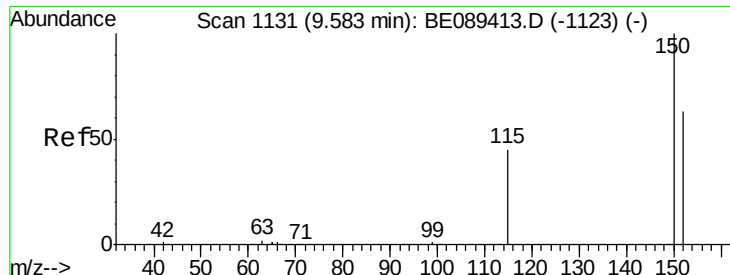
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089413.D

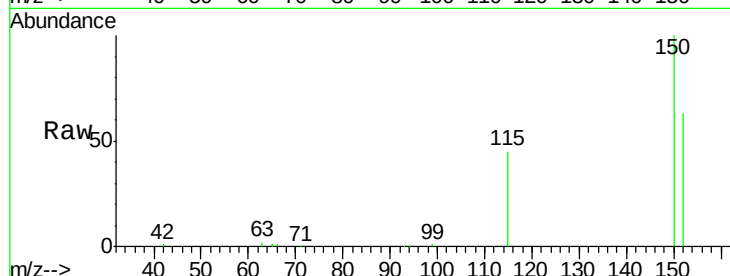
Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

LabSampleId :

SSTDICCC001



Tgt Ion: 152 Resp: 172715

Ion Ratio Lower Upper

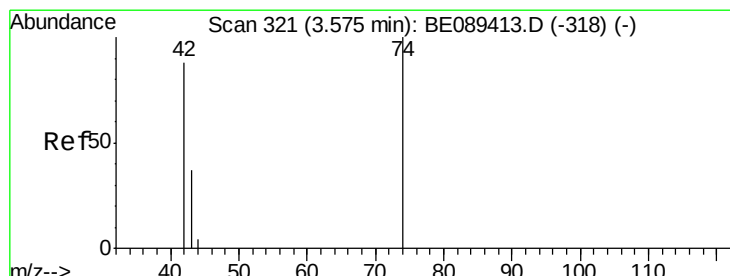
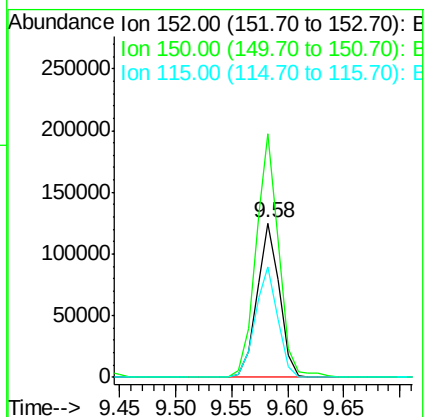
152 100

150 157.6 126.1 189.1

115 71.4 57.1 85.7

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#2

n-Nitrosodimethylamine

Concen: 1.20 ng

RT: 3.58 min Scan# 321

Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

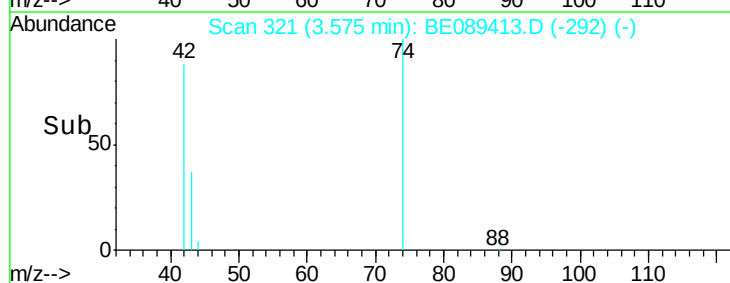
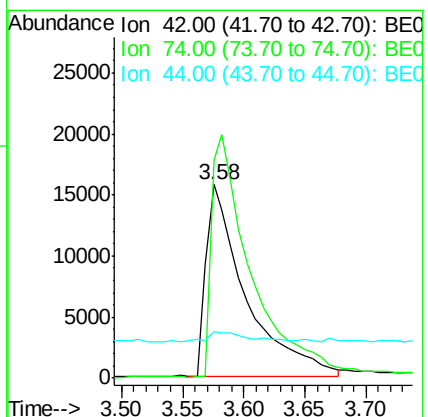
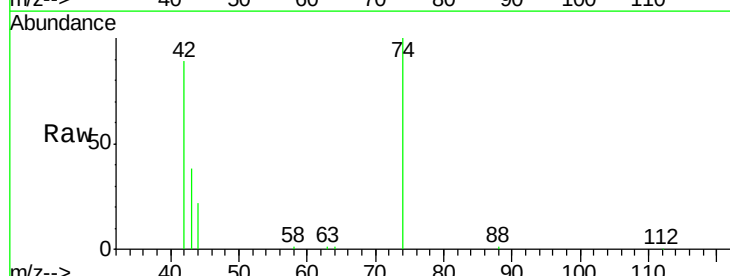
Tgt Ion: 42 Resp: 35276

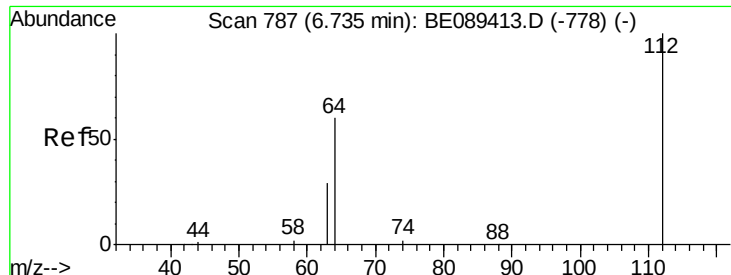
Ion Ratio Lower Upper

42 100

74 112.7 90.2 135.2

44 24.3 19.4 29.2





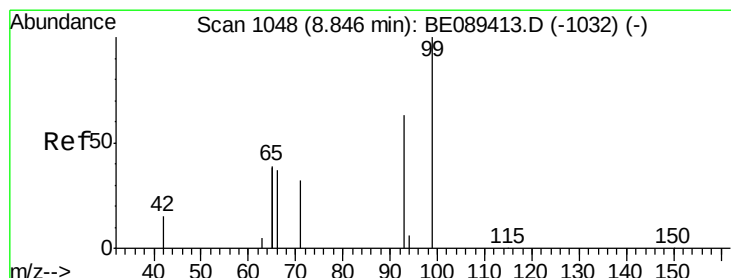
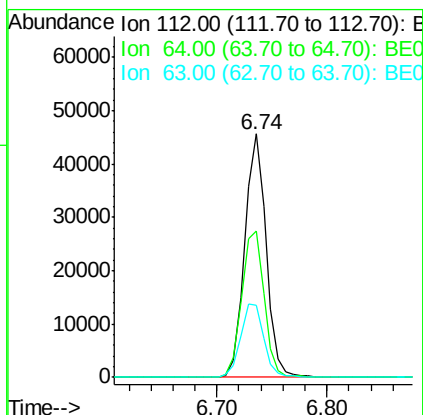
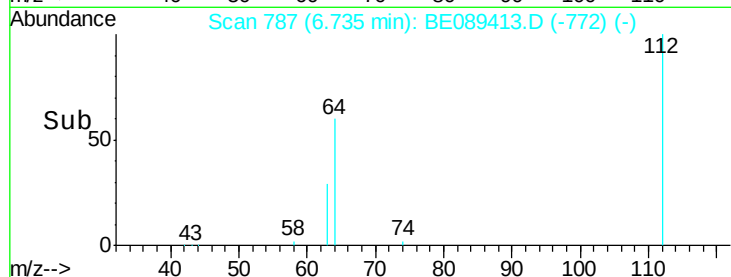
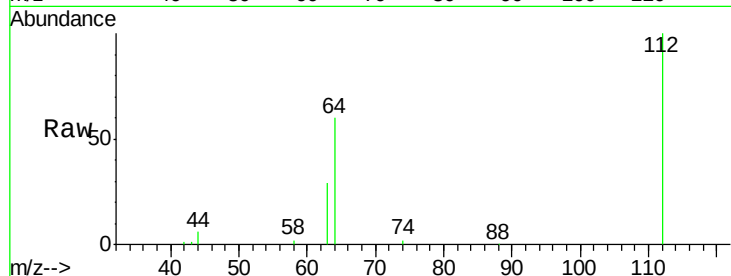
#3
 2-Fluorophenol
 Concen: 1.10 ng
 RT: 6.74 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BE089413.D
 Acq: 29 Jan 2015 13:19

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 BNA_E
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 SSTDICC001

Tgt Ion:	112	Resp:	61007
Ion Ratio	Lower	Upper	
112	100		
64	60.3	48.2	72.4
63	29.4	23.5	35.3

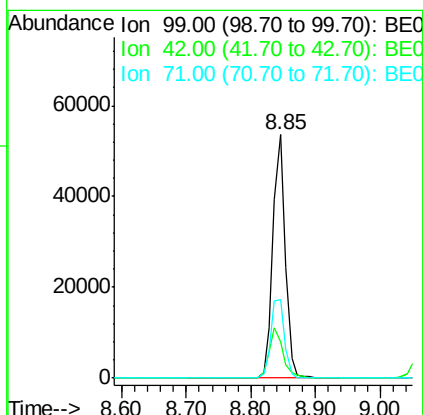
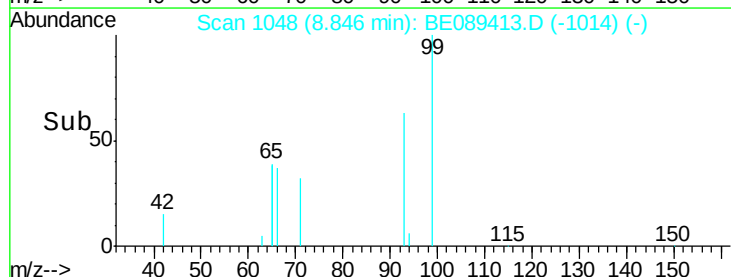
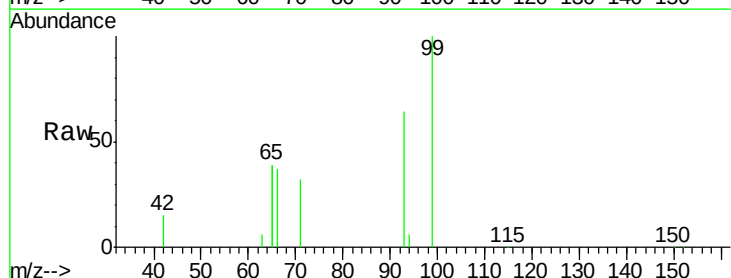
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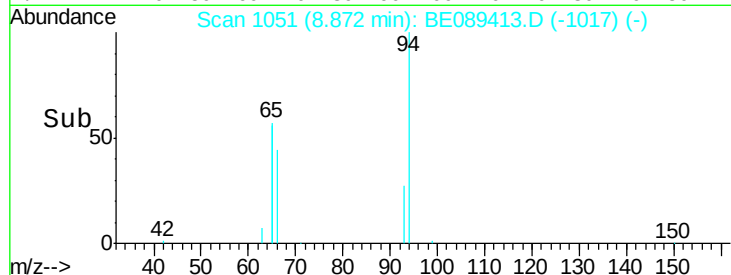
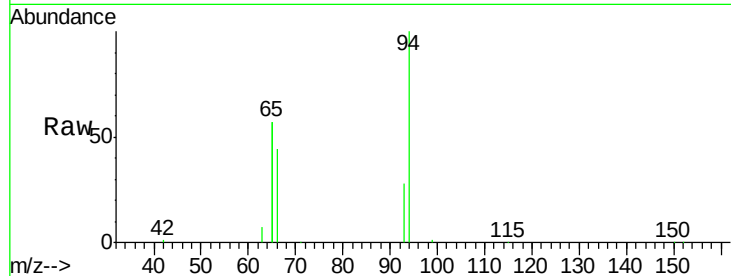
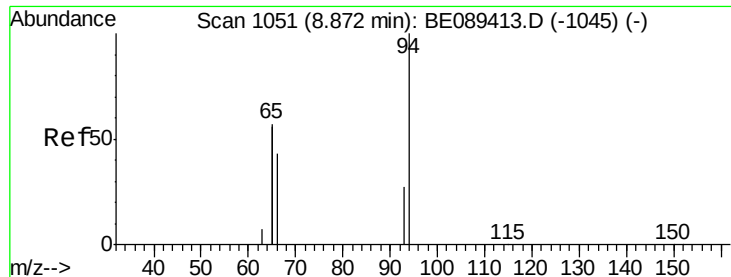
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#4
 Phenol-d6
 Concen: 1.06 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BE089413.D
 Acq: 29 Jan 2015 13:19

Tgt Ion:	99	Resp:	72163
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.9	17.9
71	32.2	25.8	38.6





#5

Phenol

Concen: 1.09 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

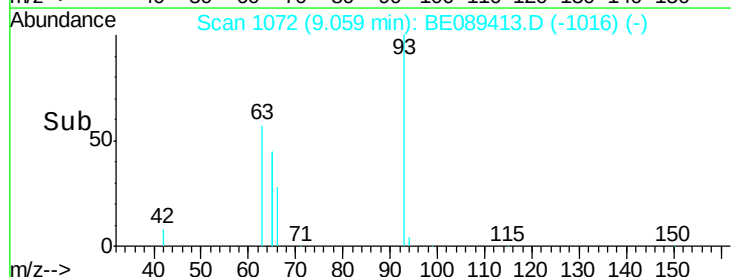
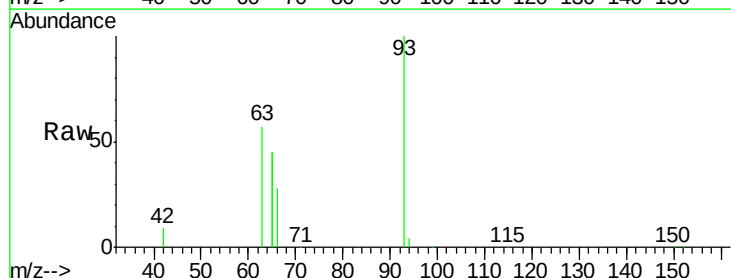
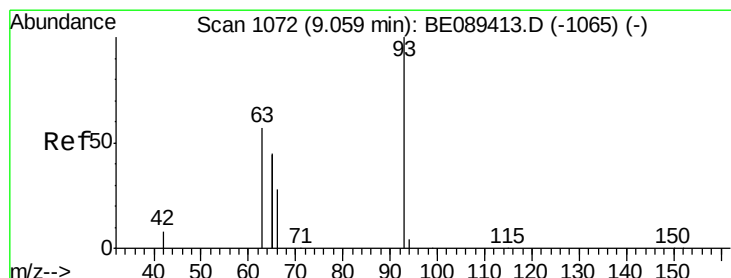
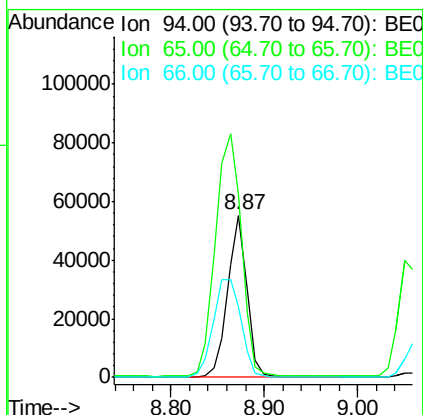
LabSampleId :

SSTDICCC001

Tgt Ion:	94	Resp:	78953
Ion	Ratio	Lower	Upper
94	100		
65	113.3	93.3	133.3
66	43.6	23.6	63.6

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#6

bis(2-Chloroethyl)ether

Concen: 1.09 ng

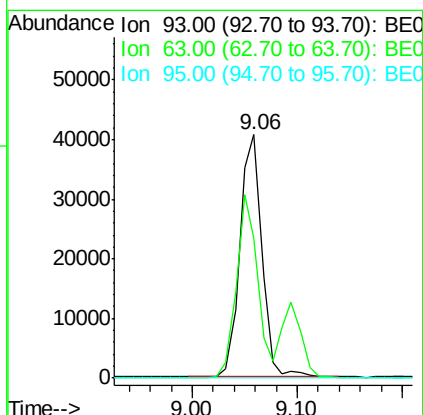
RT: 9.06 min Scan# 1072

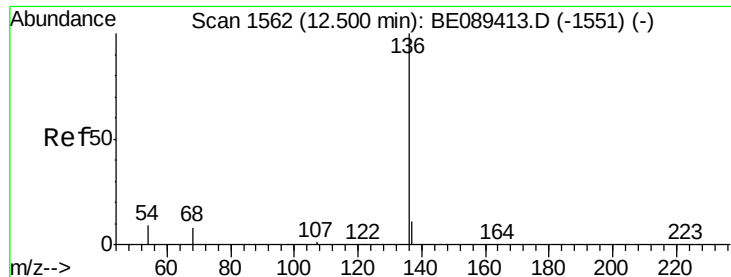
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	93	Resp:	58655
Ion	Ratio	Lower	Upper
93	100		
63	73.3	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: BE089413.D

Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

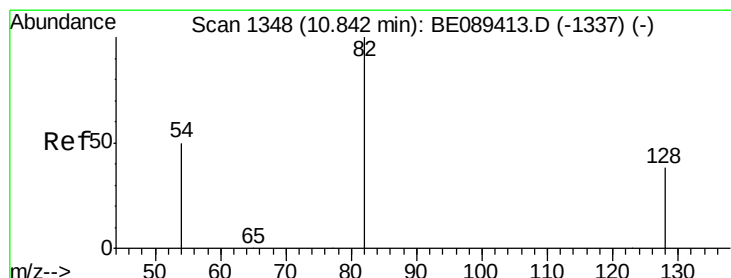
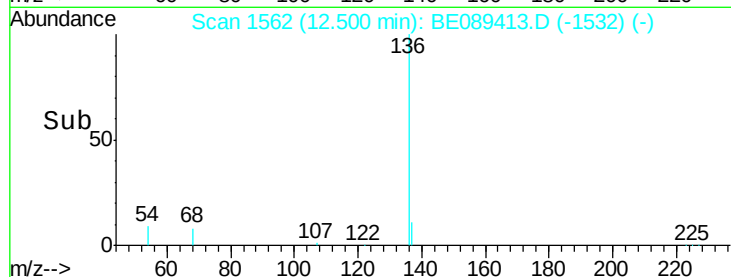
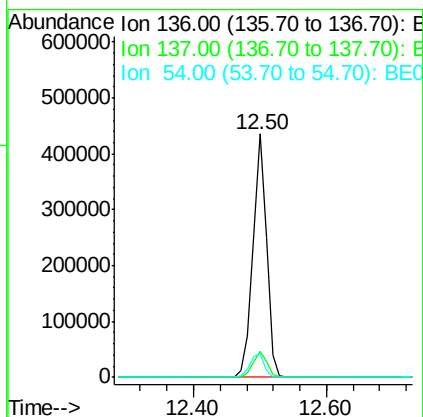
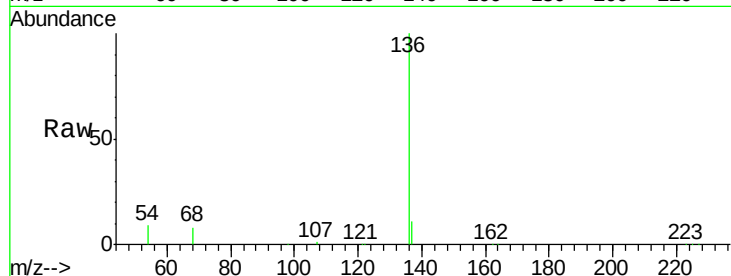
LabSampleId :

SSTDICCC001

Tgt Ion:	136	Resp:	627822
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.4	7.5	11.3

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#8

Nitrobenzene-d5

Concen: 1.08 ng

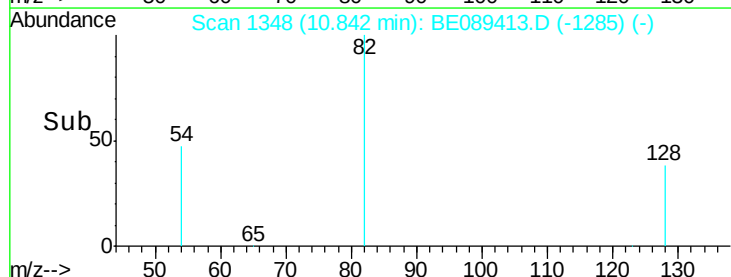
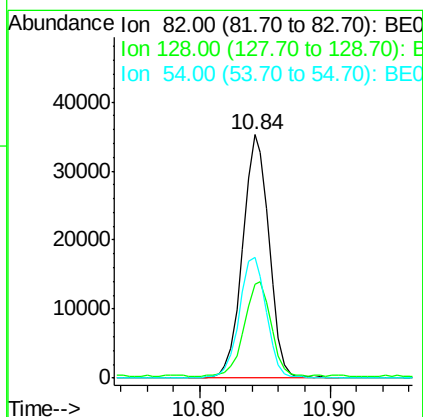
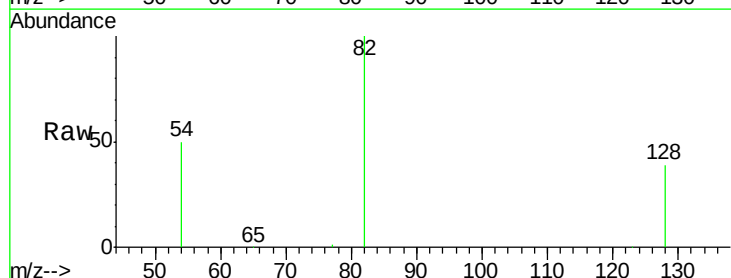
RT: 10.84 min Scan# 1348

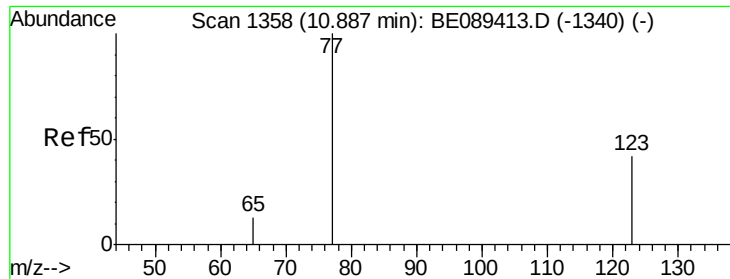
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	82	Resp:	48746
Ion Ratio	Lower	Upper	
82	100		
128	38.7	31.0	46.4
54	49.7	39.8	59.6





#9

Nitrobenzene

Concen: 1.09 ng

RT: 10.89 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BE089413.D

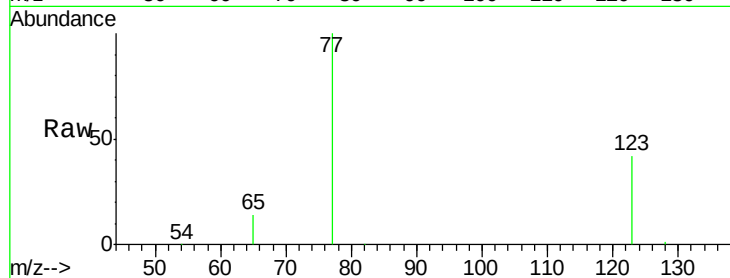
Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

LabSampleId :

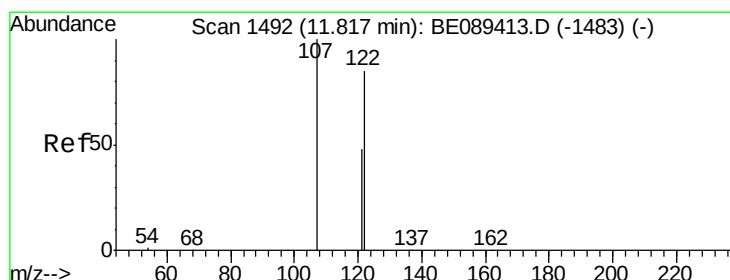
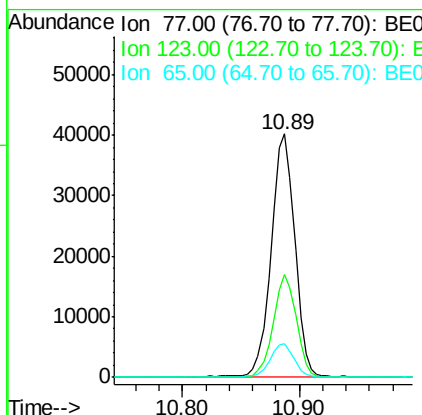
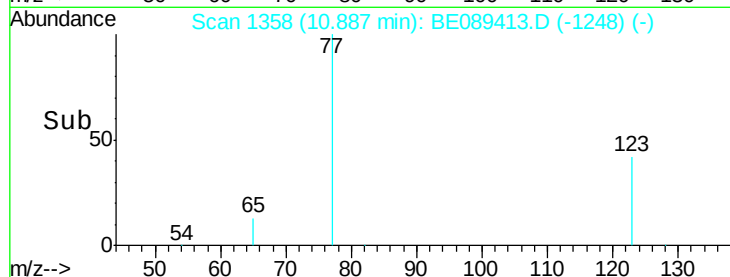
SSTDICCC001



Tgt Ion:	77	Resp:	55865
Ion	Ratio	Lower	Upper
77	100		
123	41.0	32.8	49.2
65	13.8	11.0	16.6

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#10

2,4-Dimethylphenol

Concen: 1.02 ng

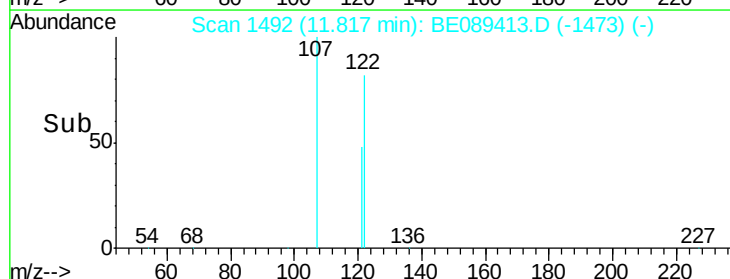
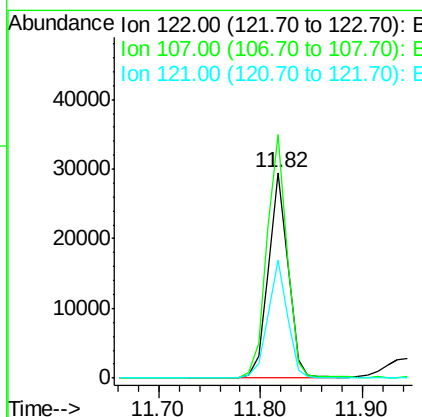
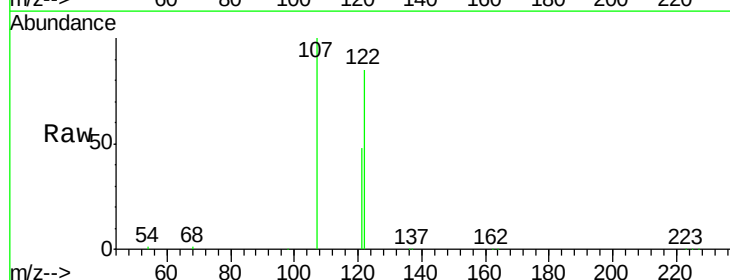
RT: 11.82 min Scan# 1492

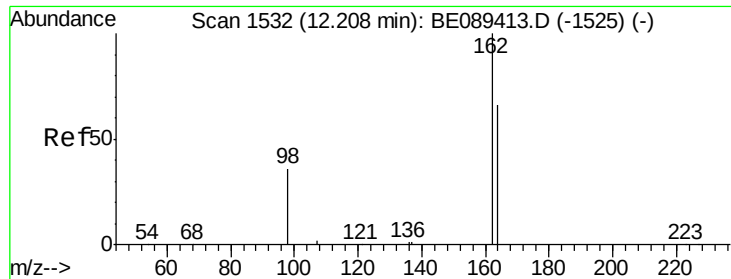
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	122	Resp:	39111
Ion	Ratio	Lower	Upper
122	100		
107	118.3	94.6	142.0
121	57.2	45.8	68.6





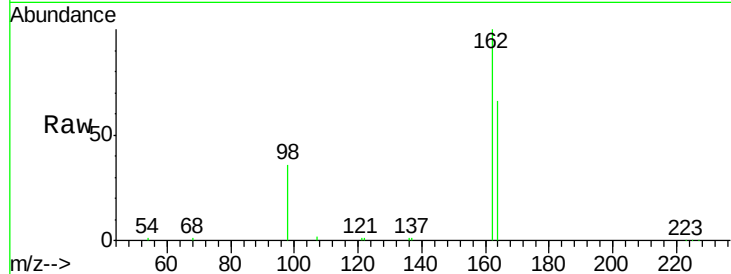
#11
2,4-Dichlorophenol
Concen: 0.95 ng
RT: 12.21 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

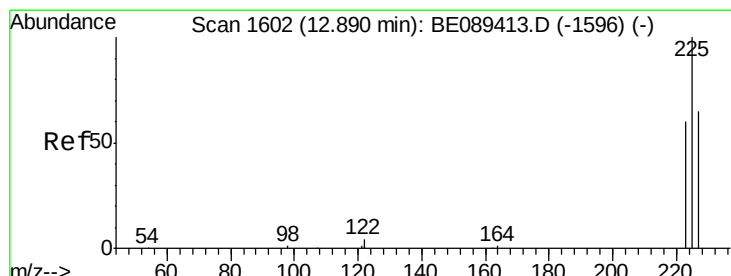
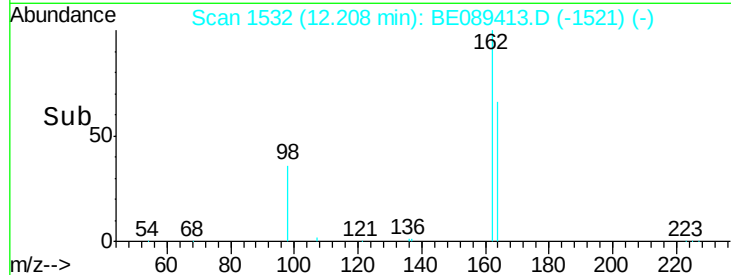
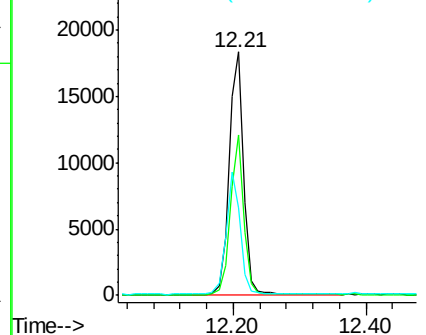
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.1	86.1
98	36.2	16.2	56.2

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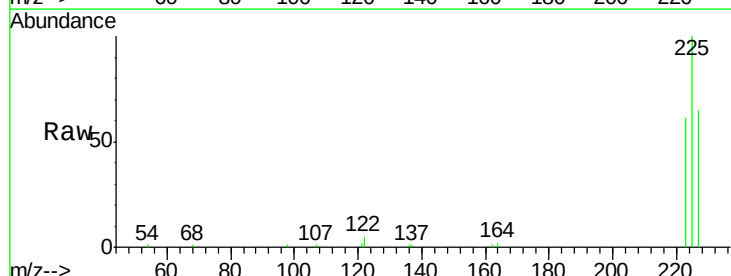


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

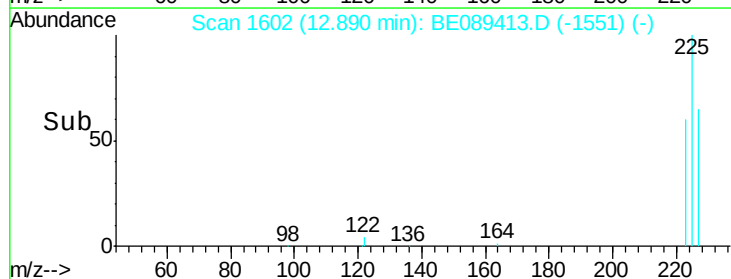
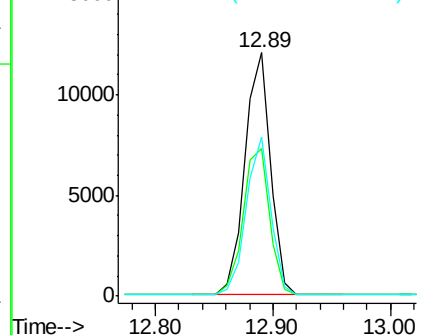


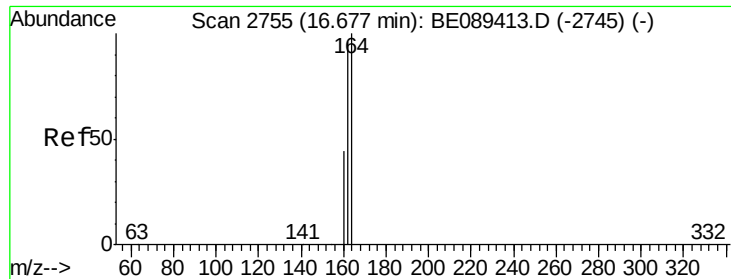
#12
Hexachlorobutadiene
Concen: 0.88 ng
RT: 12.89 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	62.7	50.2	75.2



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





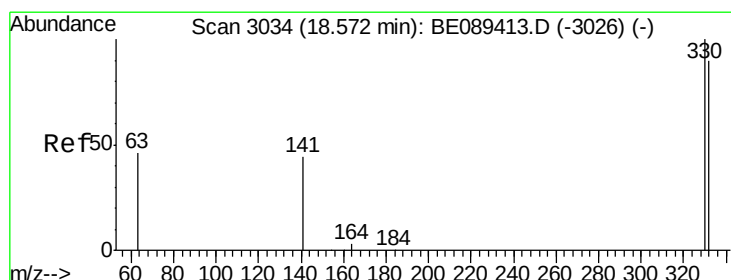
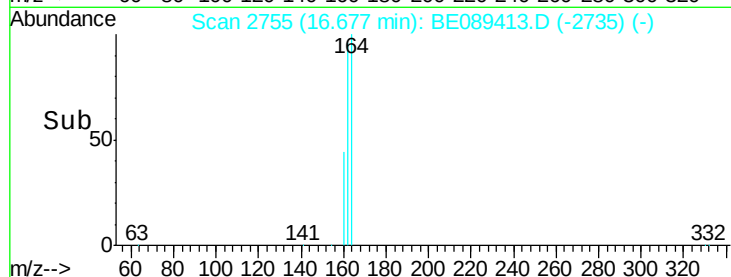
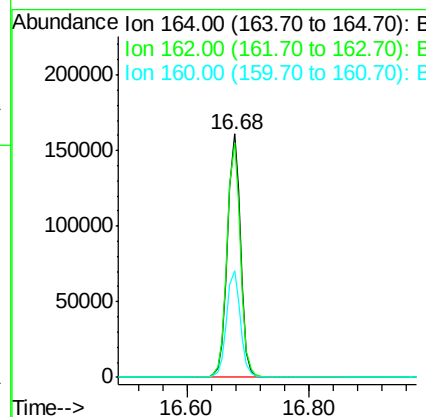
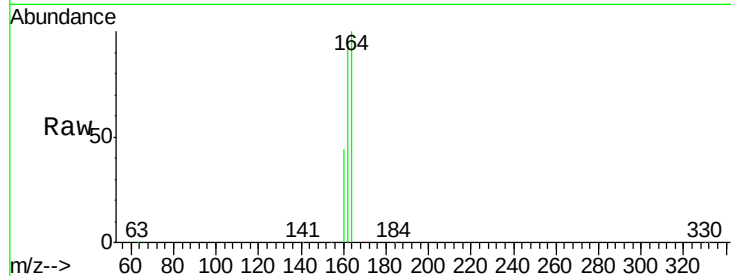
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239675		
162	96.3	77.0	115.6	
160	43.7	35.0	52.4	

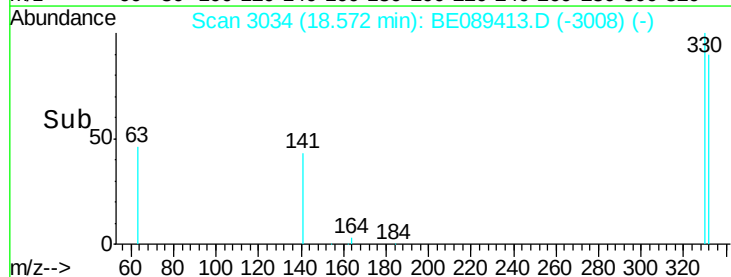
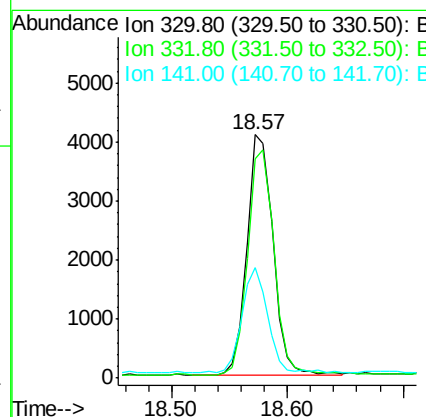
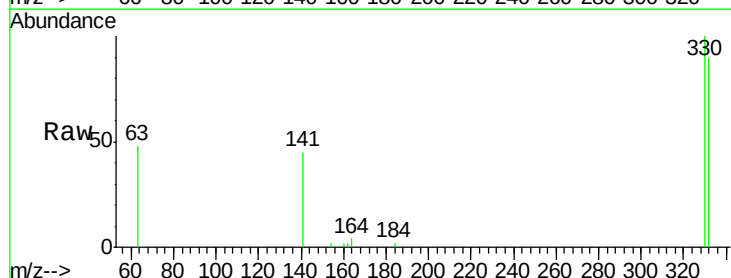
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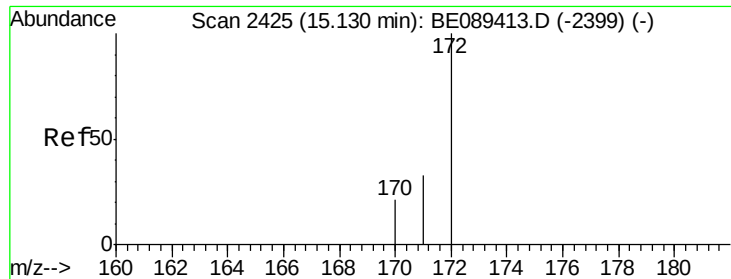
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#14
2,4,6-Tribromophenol
Concen: 1.14 ng
RT: 18.57 min Scan# 3034
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	6328		
332	95.0	76.0	114.0	
141	44.5	35.6	53.4	





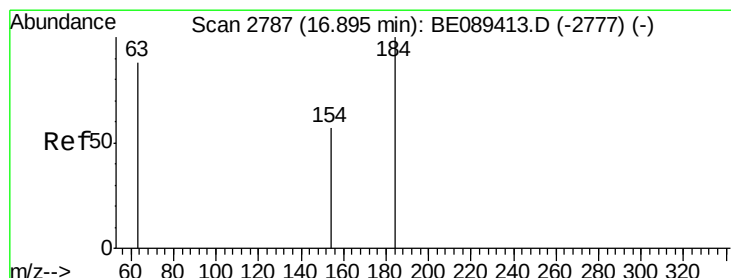
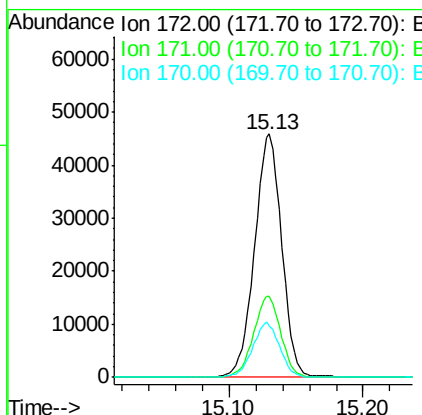
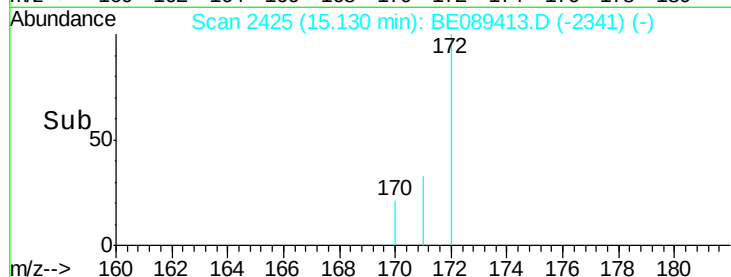
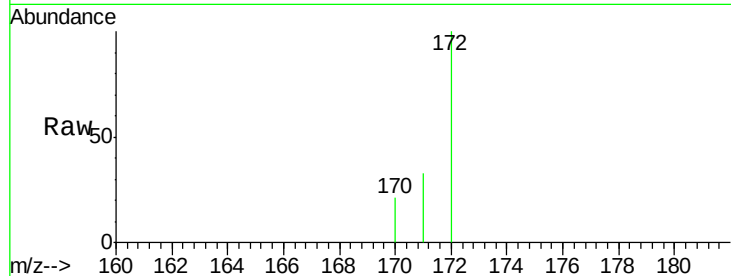
#15
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.6	39.8
170	21.4	17.1	25.7

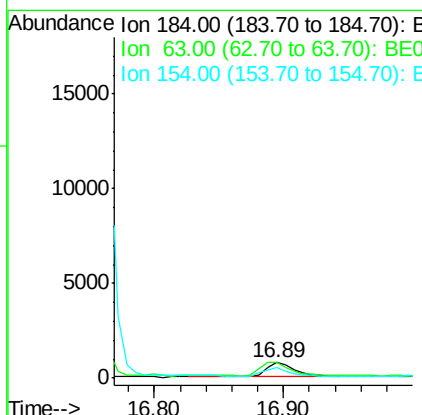
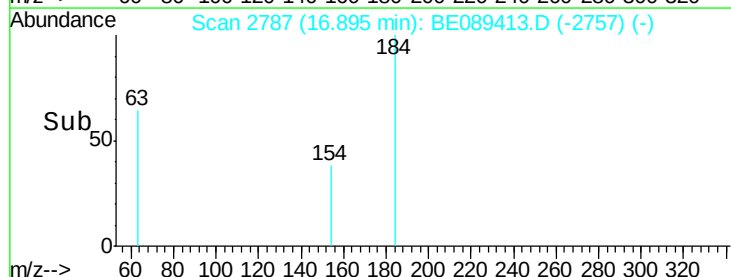
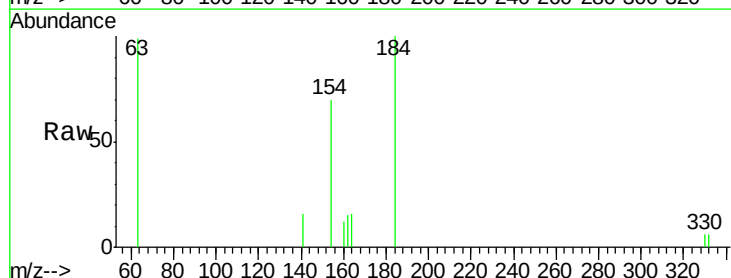
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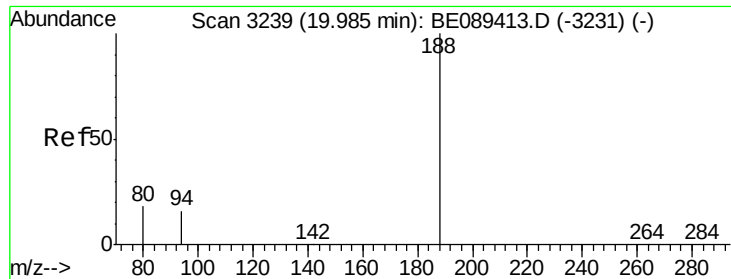
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#16
2,4-Dinitrophenol
Concen: 0.72 ng
RT: 16.89 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	98.7	79.0	118.4
154	69.7	55.8	83.6





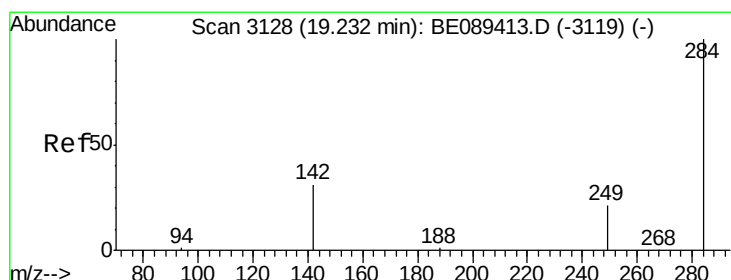
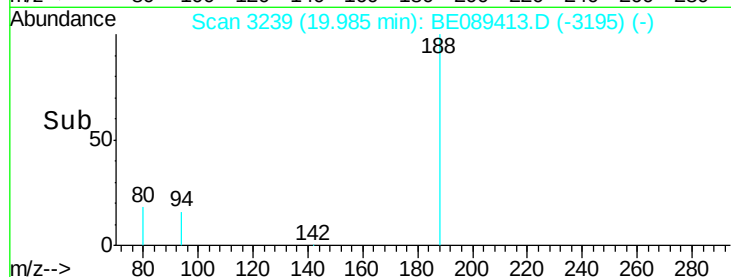
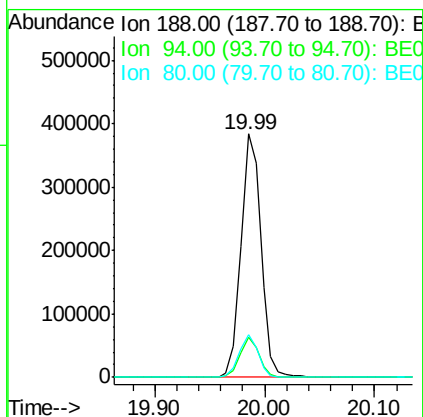
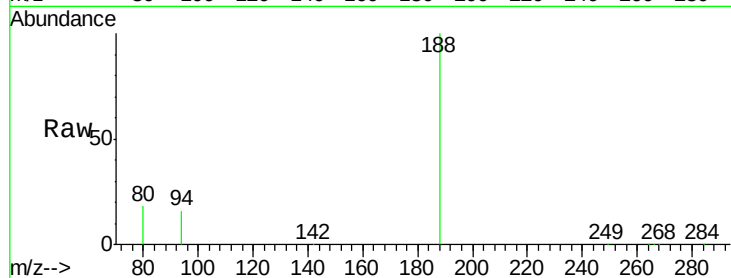
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	479216		
94	16.3	13.0	19.6	
80	17.8	14.2	21.4	

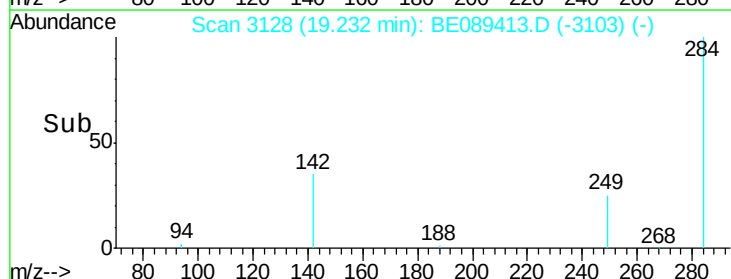
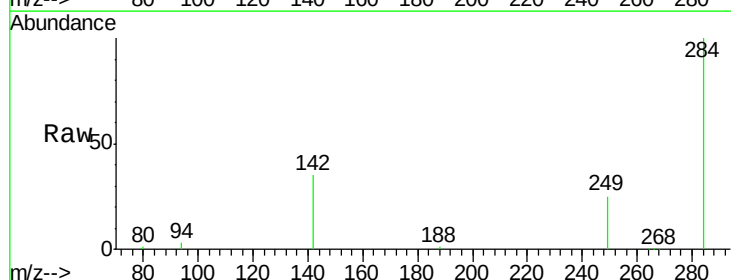
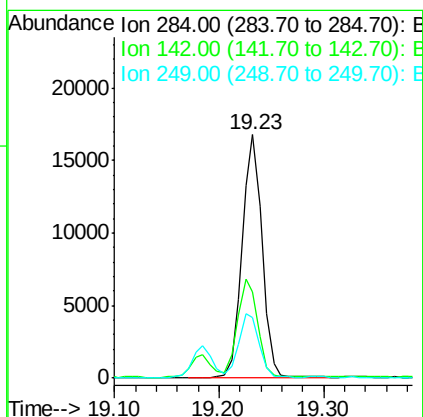
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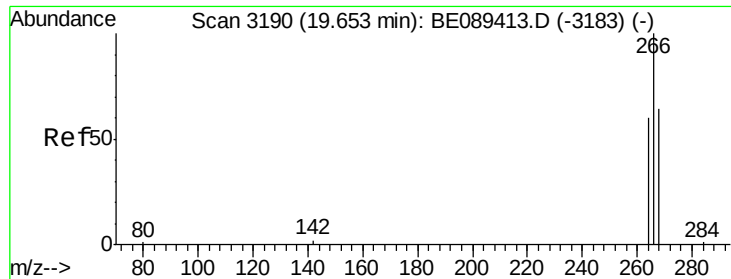
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#18
Hexachlorobenzene
Concen: 0.99 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	22085		
142	35.4	28.3	42.5	
249	24.9	19.9	29.9	





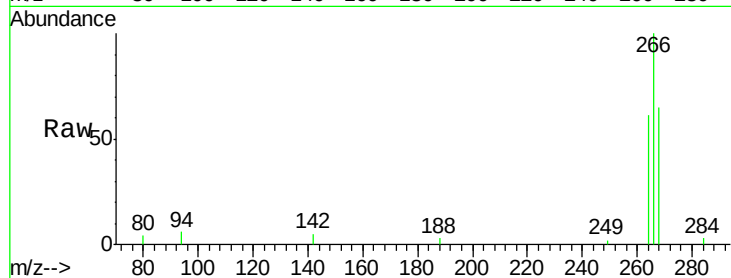
#19
 Pentachlorophenol
 Concen: 0.86 ng
 RT: 19.65 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BE089413.D
 Acq: 29 Jan 2015 13:19

Instrument :
 BNA_E
 LabSampleId :
 SSTD1CCC001

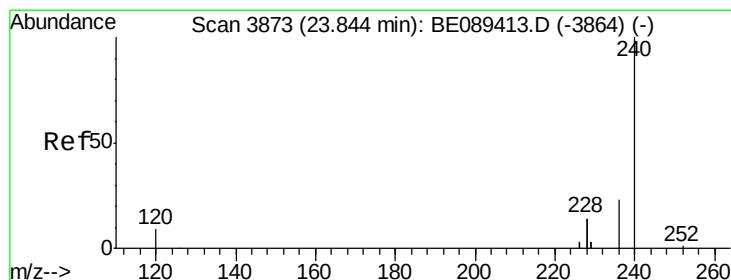
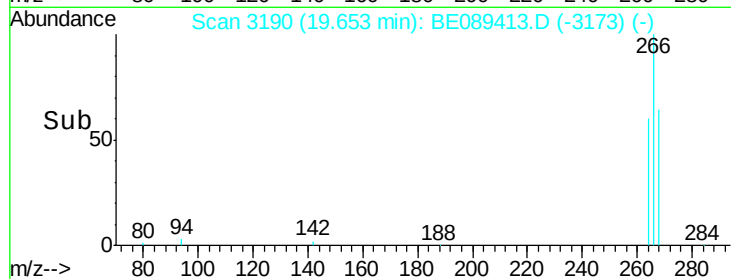
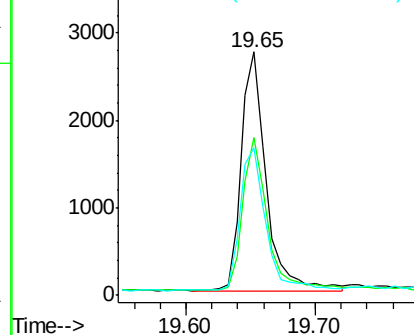
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	60.6	48.5	72.7

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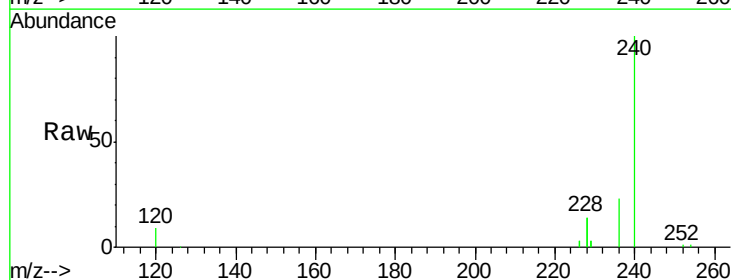


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

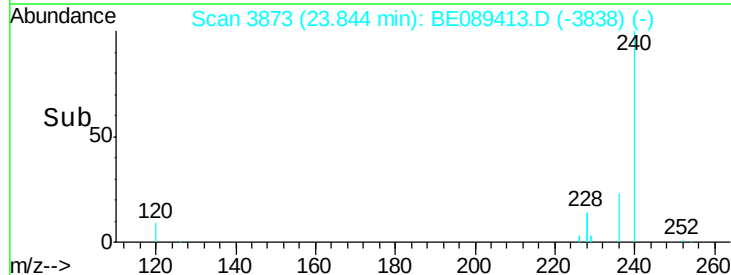
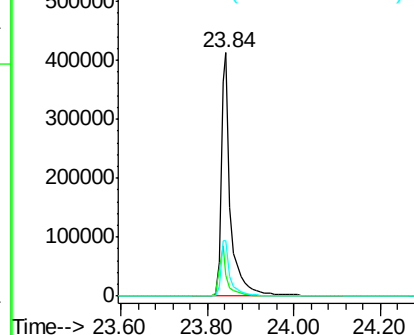


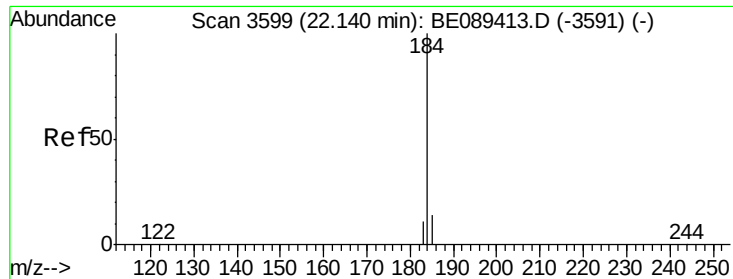
#20
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.84 min Scan# 3873
 Delta R.T. 0.00 min
 Lab File: BE089413.D
 Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	22.7	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: 0.71 ng

RT: 22.14 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

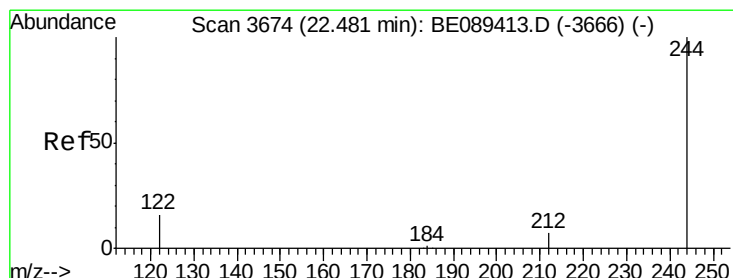
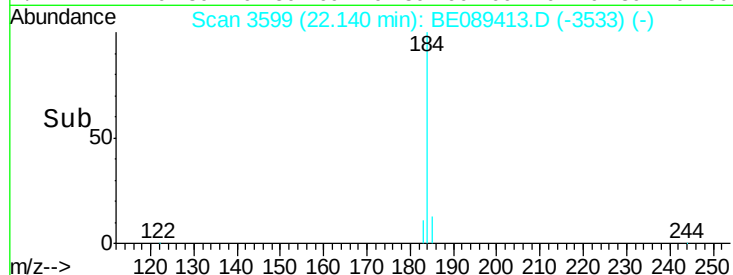
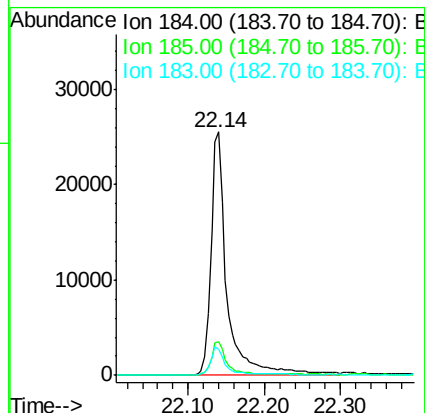
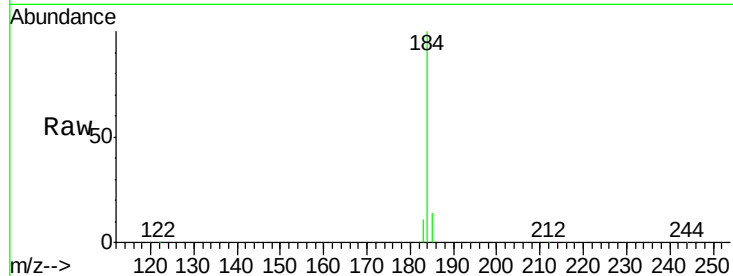
LabSampleId :

SSTDICCC001

Tgt Ion:	184	Resp:	37078
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.0	16.6
183	10.8	8.6	13.0

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#22

Terphenyl-d14

Concen: 1.04 ng

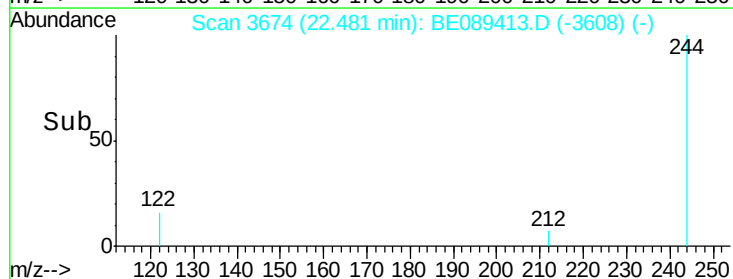
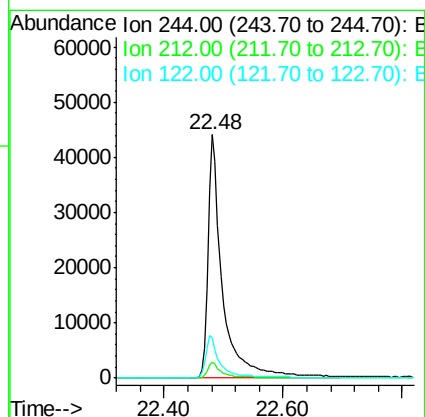
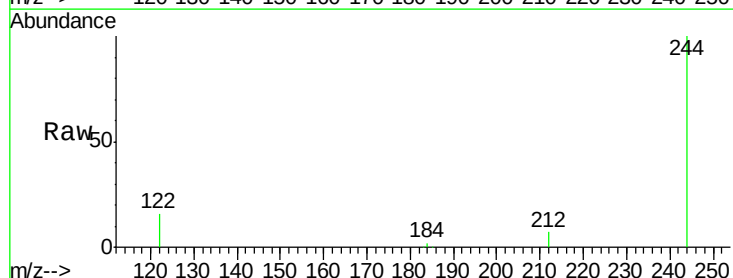
RT: 22.48 min Scan# 3674

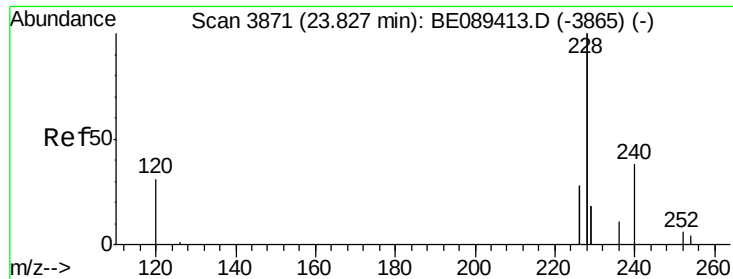
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	244	Resp:	74711
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	16.5	13.2	19.8





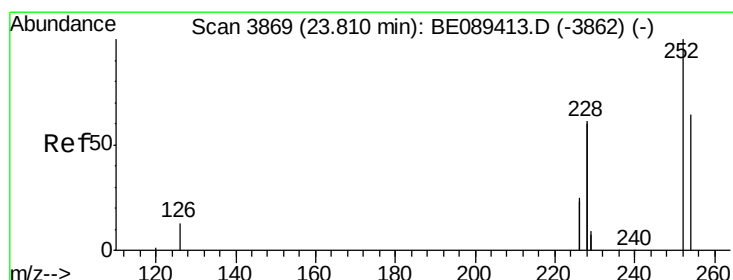
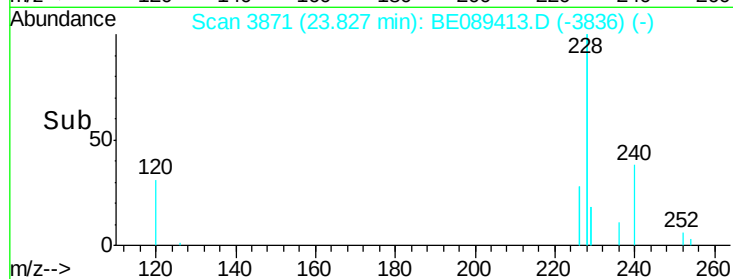
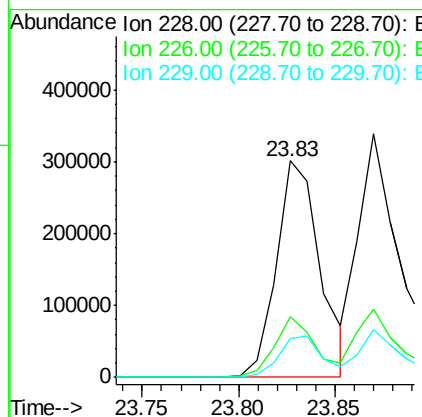
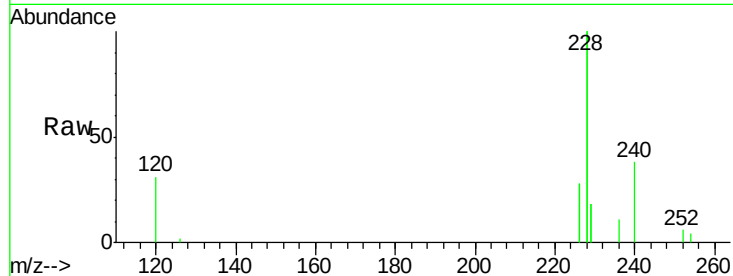
#23
Benzo(a)anthracene
Concen: 0.80 ng
RT: 23.83 min Scan# 3871
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	18.1	14.5	21.7

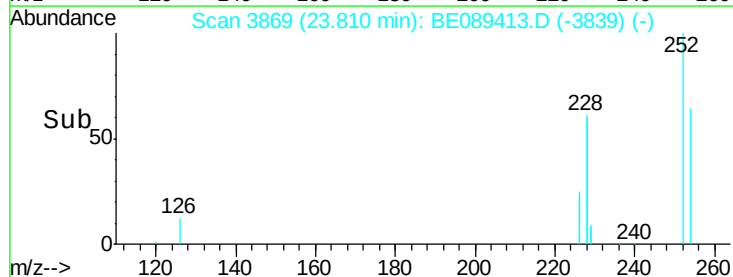
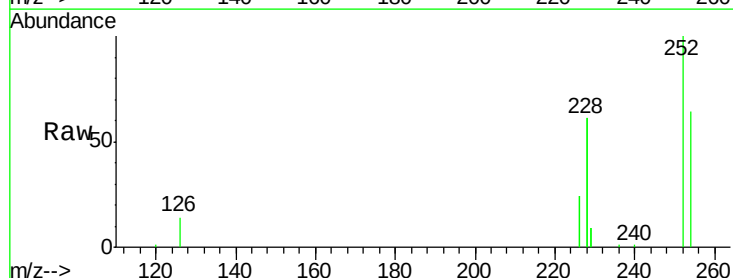
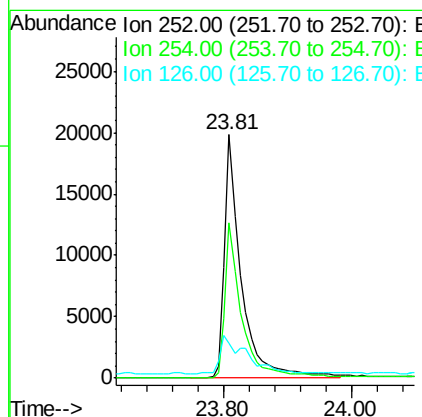
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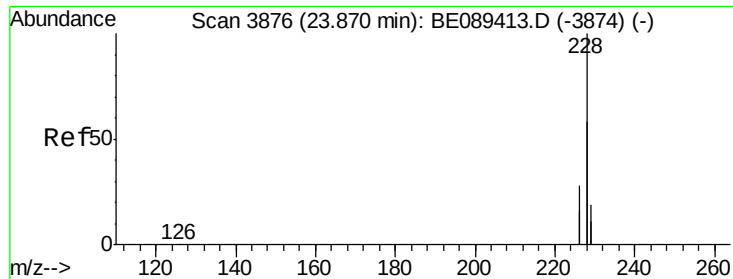
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#24
3,3'-Dichlorobenzidine
Concen: 0.75 ng
RT: 23.81 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	14.4	11.5	17.3





#25

Chrysene

Concen: 0.87 ng

RT: 23.87 min Scan# 3876

Delta R.T. 0.00 min

Lab File: BE089413.D

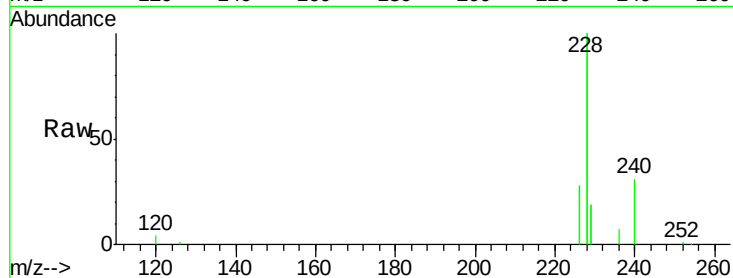
Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

LabSampleId :

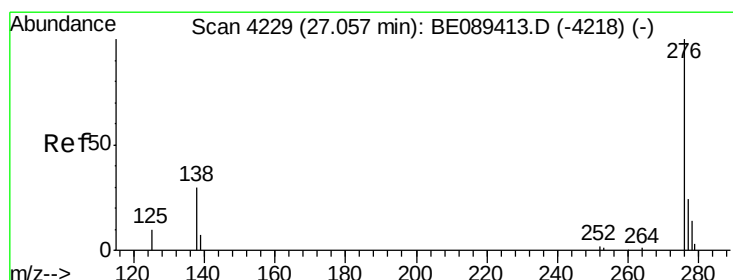
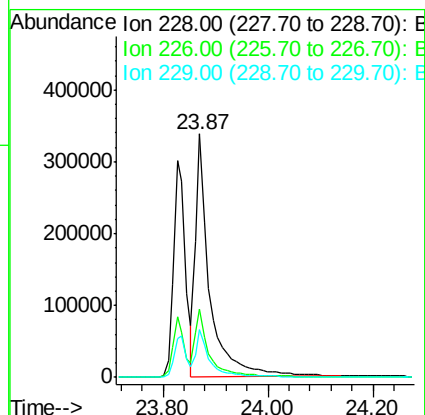
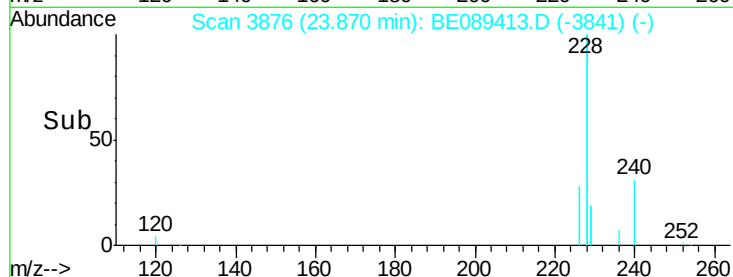
SSTDICCC001



Tgt Ion:	228	Resp:	631594
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	19.4	15.5	23.3

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.62 ng

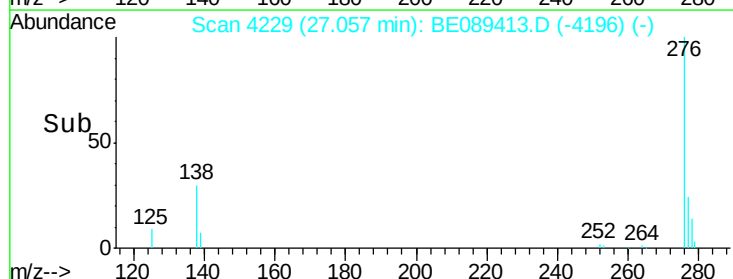
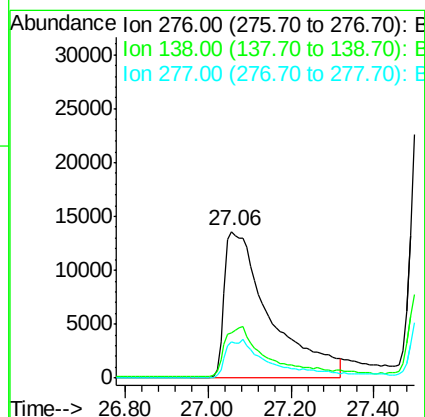
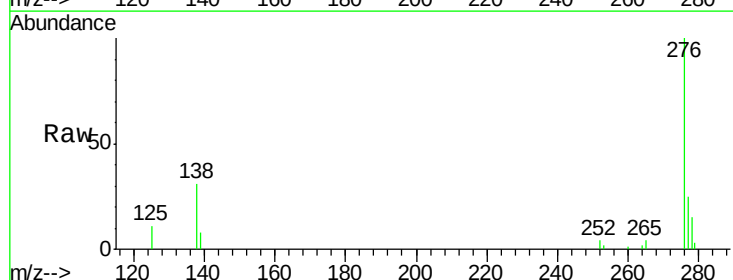
RT: 27.06 min Scan# 4229

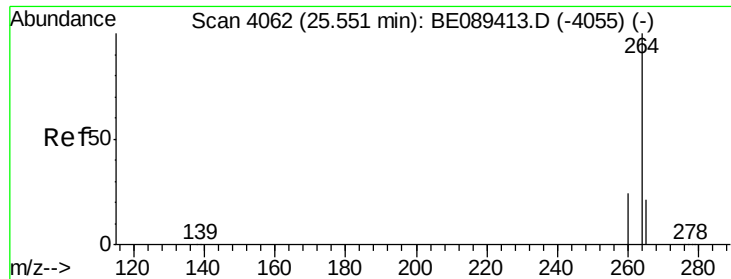
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	276	Resp:	103305
Ion Ratio	Lower	Upper	
276	100		
138	0.0	0.0	0.0
277	0.0	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: BE089413.D

Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

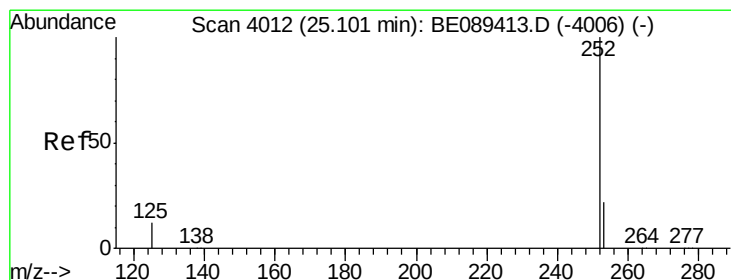
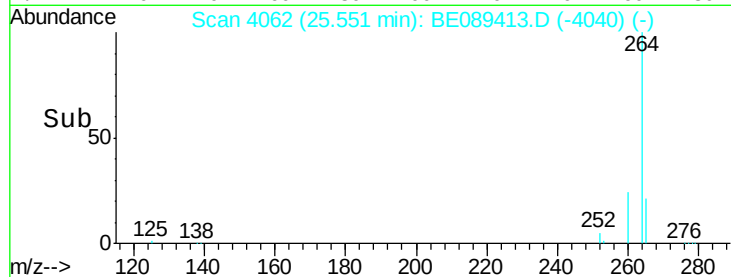
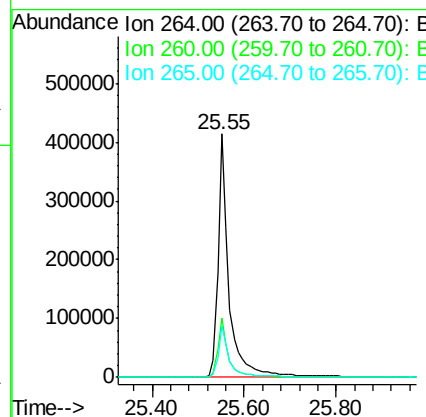
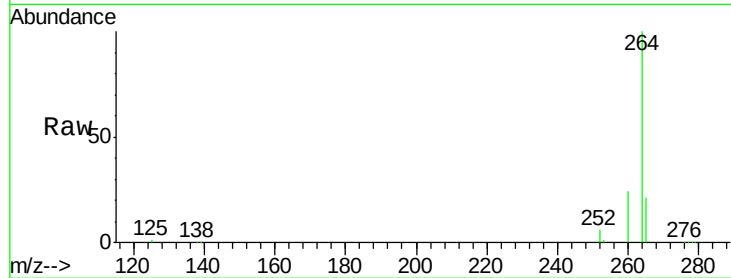
LabSampleId :

SSTDICCC001

Tgt Ion:	264	Resp:	691358
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.4	17.1	25.7

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#28

Benzo(b)fluoranthene

Concen: 0.64 ng m

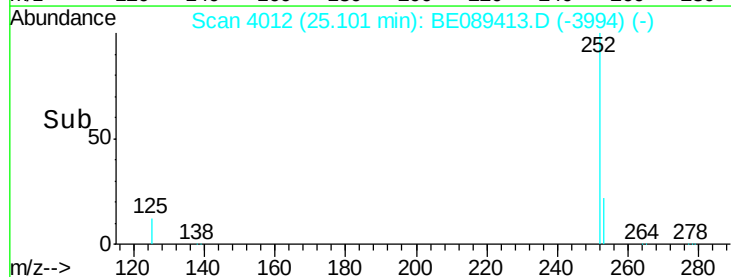
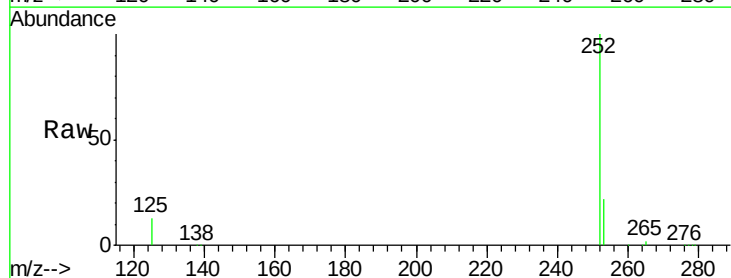
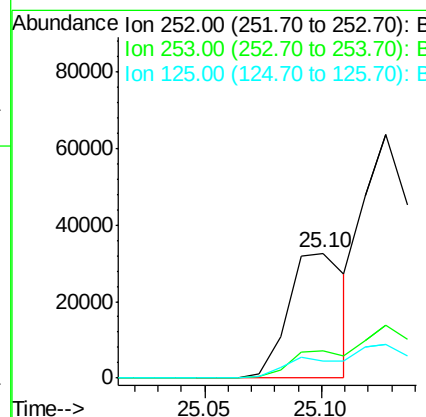
RT: 25.10 min Scan# 4012

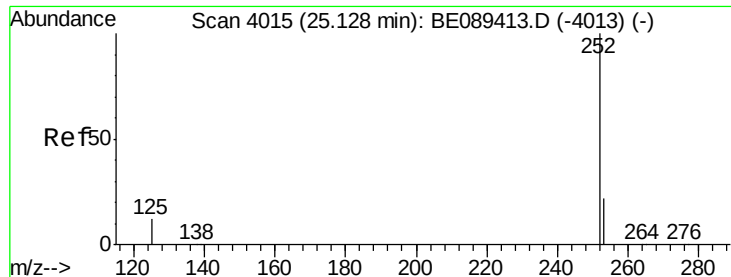
Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Tgt Ion:	252	Resp:	56283
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.6	26.4
125	13.1	10.5	15.7





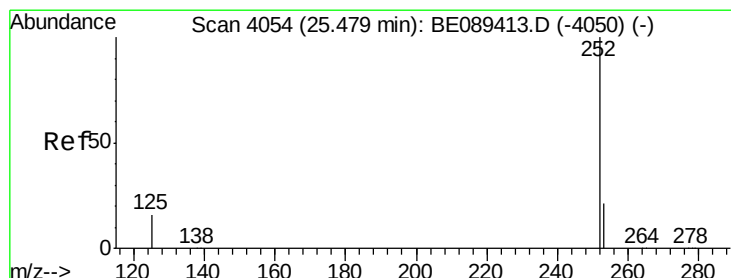
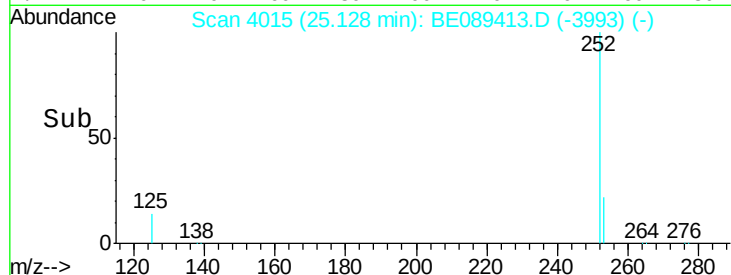
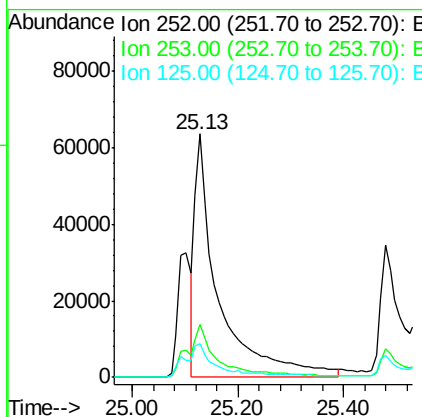
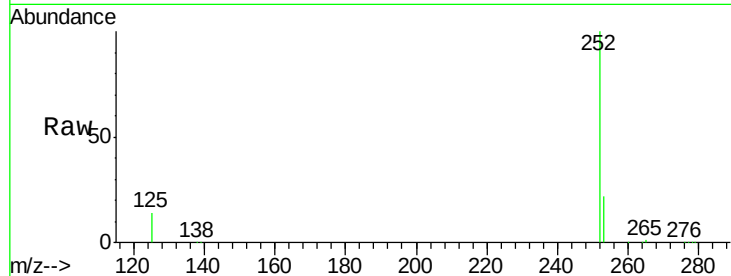
#29
Benzo(k)fluoranthene
Concen: 1.01 ng m
RT: 25.13 min Scan# 4015
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	13.8	11.0	16.6

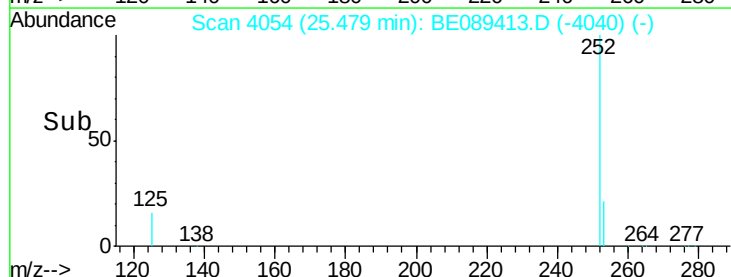
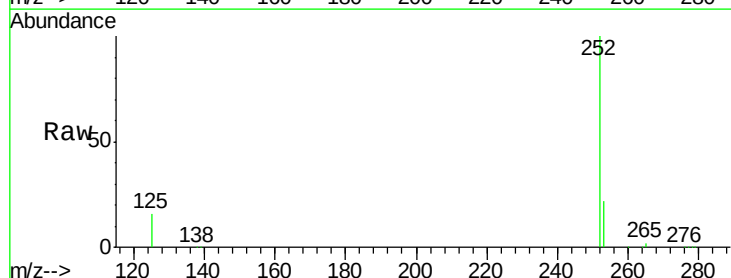
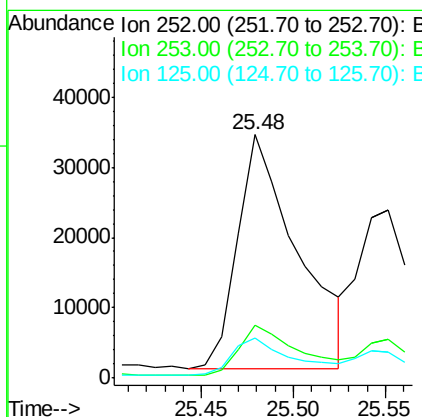
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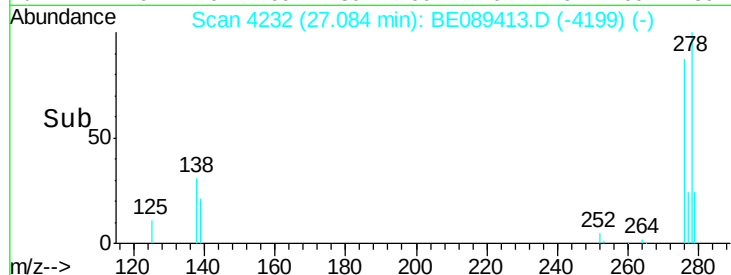
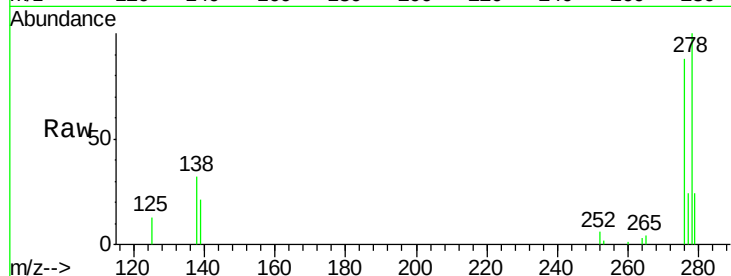
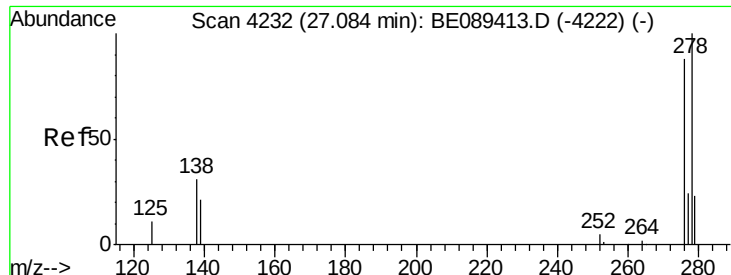
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#30
Benzo(a)pyrene
Concen: 0.71 ng
RT: 25.48 min Scan# 4054
Delta R.T. 0.00 min
Lab File: BE089413.D
Acq: 29 Jan 2015 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	16.3	13.0	19.6





#31

Dibenzo(a,h)anthracene

Concen: 0.69 ng

RT: 27.08 min Scan# 4232

Delta R.T. 0.00 min

Lab File: BE089413.D

Acq: 29 Jan 2015 13:19

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

Tgt Ion: 278 Resp: 74833

Ion Ratio Lower Upper

278 100

139 21.5 17.2 25.8

279 24.0 19.2 28.8

Manual Integrations

APPROVED

apatel

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