

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089482.D
 Acq On : 4 Feb 2015 3:25
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001

Manual Integrations
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 2/4/2015 2:55:34 PM

Quant Time: Feb 04 10:51:24 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 00:53:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	51572	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	210027	5.00	ng	0.00
13) Acenaphthene-d10	16.61	164	91448	5.00	ng	0.00
17) Phenanthrene-d10	19.93	188	171762	5.00	ng	0.00
20) Chrysene-d12	23.78	240	164308	5.00	ng	0.00
27) Perylene-d12	25.49	264	149532	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.73	112	15775	0.95	ng	0.00
4) Phenol-d6	8.85	99	20380	0.97	ng	0.00
8) Nitrobenzene-d5	10.79	82	15127	0.95	ng	0.00
14) 2,4,6-Tribromophenol	18.52	330	2635	0.83	ng	0.00
15) 2-Fluorobiphenyl	15.06	172	23899	0.99	ng	0.00
22) Terphenyl-d14	22.43	244	23759	1.02	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.56	42	9280	0.96	ng	# 70
5) Phenol	8.87	94	22134m	0.97	ng	
6) bis(2-Chloroethyl)ether	9.01	93	16052	0.97	ng	# 100
9) Nitrobenzene	10.83	77	17730	0.98	ng	99
10) 2,4-Dimethylphenol	11.78	122	12534	0.95	ng	92
11) 2,4-Dichlorophenol	12.16	162	9262	0.95	ng	89
12) Hexachlorobutadiene	12.81	225	6455	0.99	ng	99
16) 2,4-Dinitrophenol	16.85	184	311m	0.92	ng	
18) Hexachlorobenzene	19.17	284	8862	1.00	ng	99
19) Pentachlorophenol	19.61	266	858m	0.81	ng	
21) Benzidine	22.10	184	16967	2.15	ng	99
23) Benzo(a)anthracene	23.77	228	143943	0.99	ng	98
24) 3,3'-Dichlorobenzidine	23.77	252	11423	0.94	ng	# 90
25) Chrysene	23.82	228	151373	1.00	ng	98
26) Indeno(1,2,3-cd)pyrene	26.97	276	34059	0.91	ng	98
28) Benzo(b)fluoranthene	25.04	252	23134	0.84	ng	99
29) Benzo(k)fluoranthene	25.07	252	42898	1.11	ng	99
30) Benzo(a)pyrene	25.42	252	25188	0.91	ng	99
31) Dibenzo(a,h)anthracene	27.00	278	26415	0.88	ng	99

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

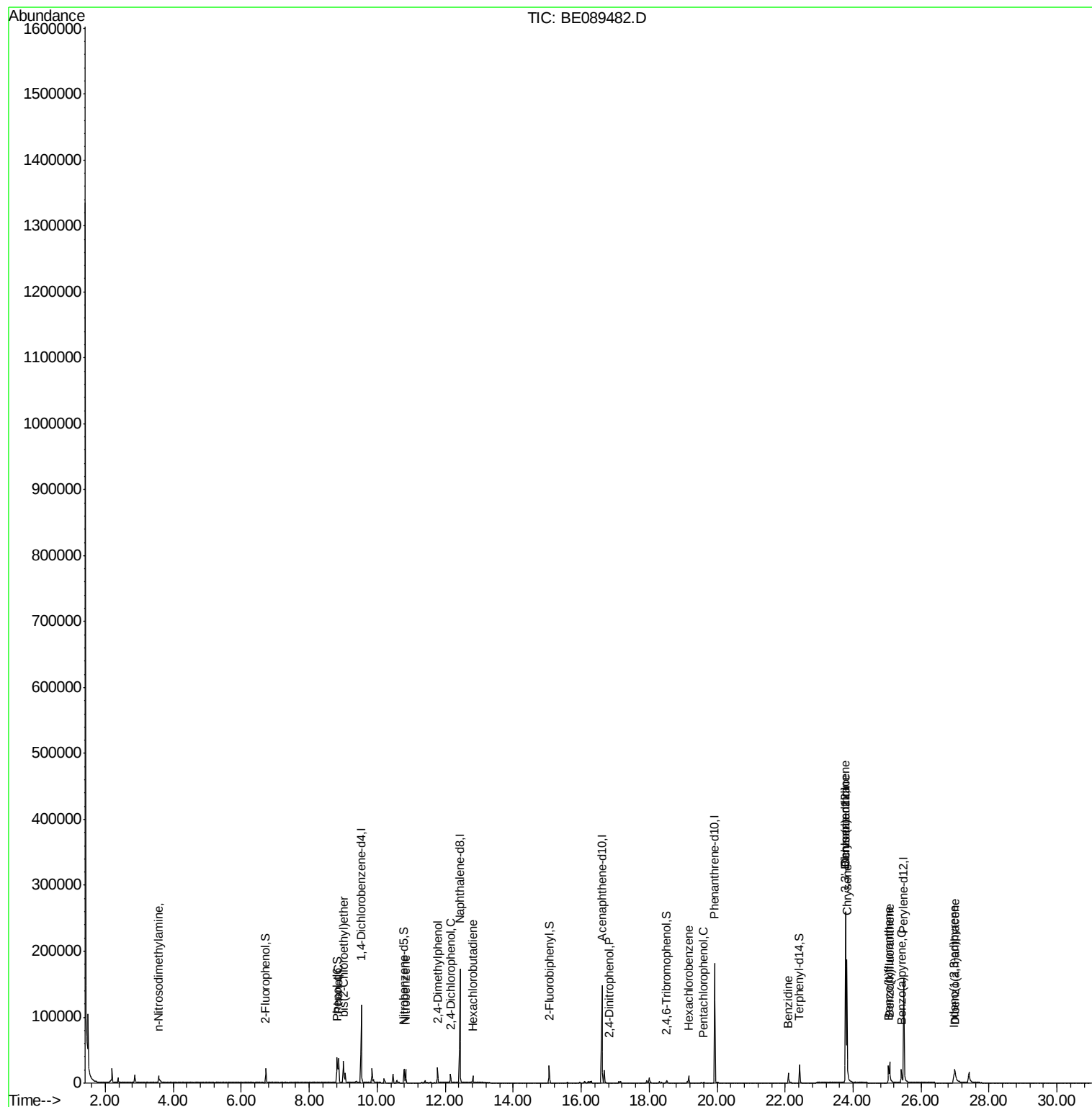
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089482.D
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Operator : TP/IZ
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ALS Vial : 5 Sample Multiplier: 1

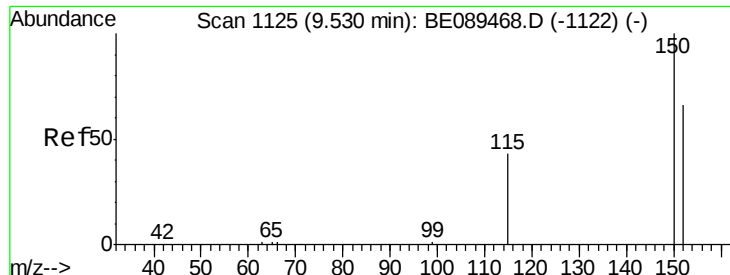
Instrument :
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SSTDCCC001

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Quant Time: Feb 04 10:51:24 2015
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QLast Update : Wed Feb 04 00:53:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE089482.D

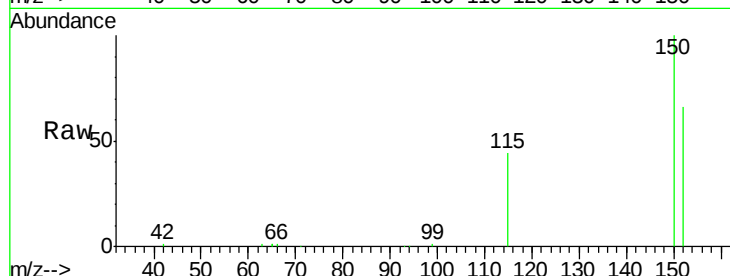
Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

LabSampleId :

SSTDCCC001



Tgt Ion: 152 Resp: 51572

Ion Ratio Lower Upper

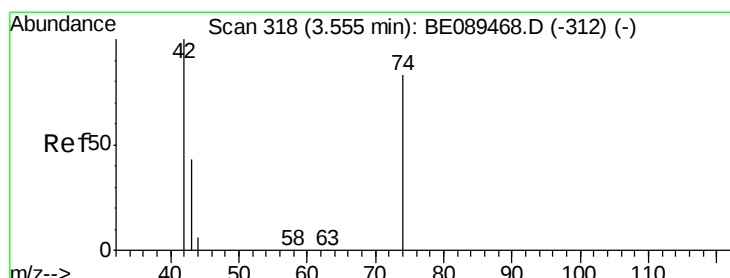
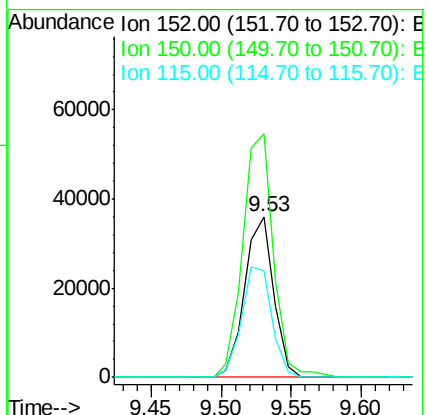
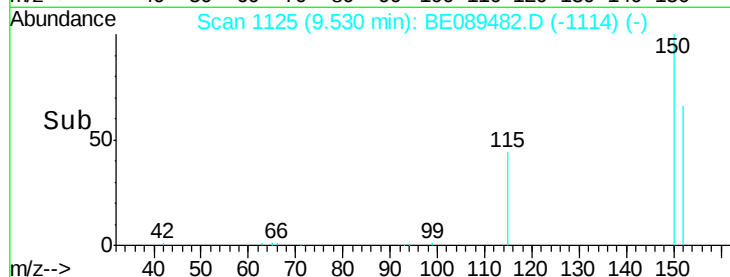
152 100

150 151.4 122.1 183.1

115 66.1 53.2 79.8

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#2

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.56 min Scan# 319

Delta R.T. 0.01 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

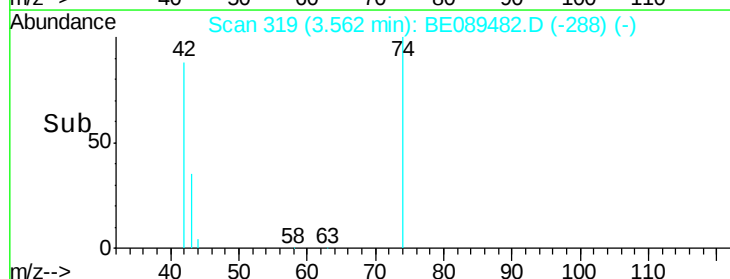
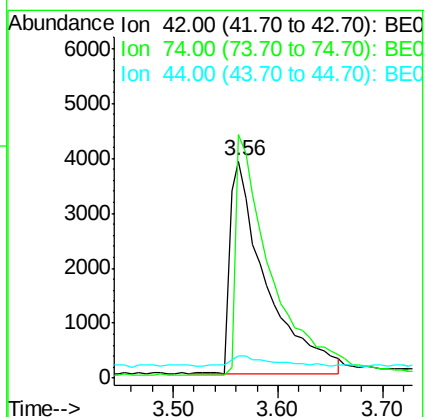
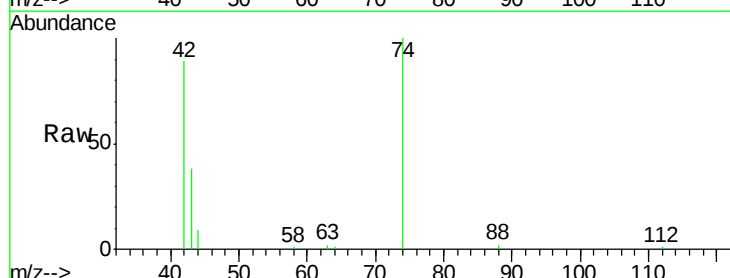
Tgt Ion: 42 Resp: 9280

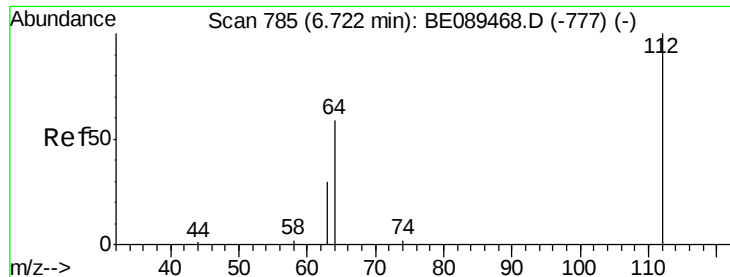
Ion Ratio Lower Upper

42 100

74 112.2 65.4 98.2#

44 10.4 11.7 17.5#





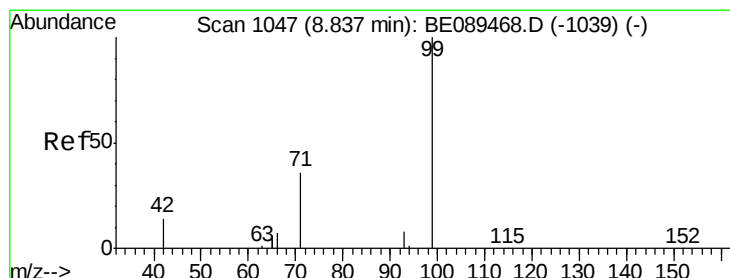
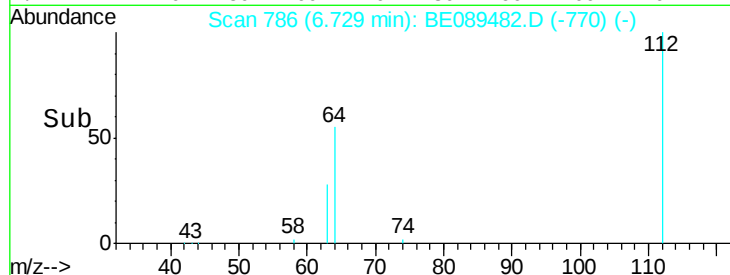
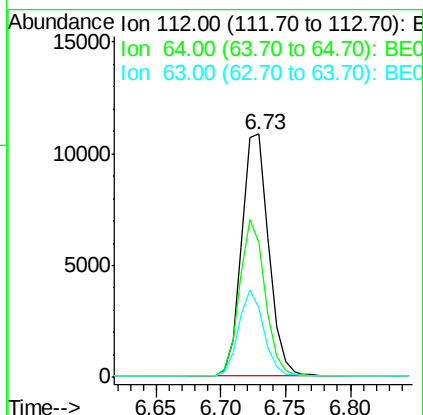
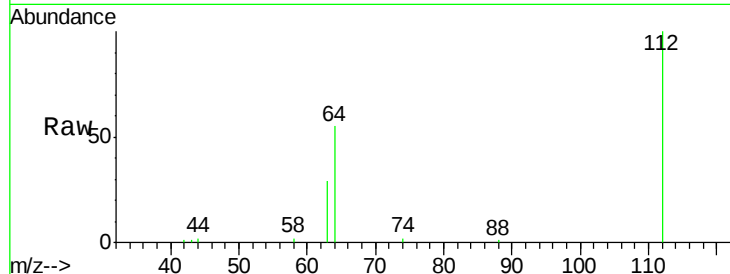
#3
 2-Fluorophenol
 Concen: 0.95 ng
 RT: 6.73 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	55.3	47.0	70.6
63	28.5	24.2	36.2

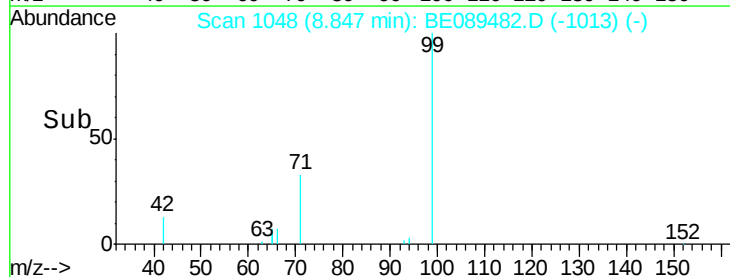
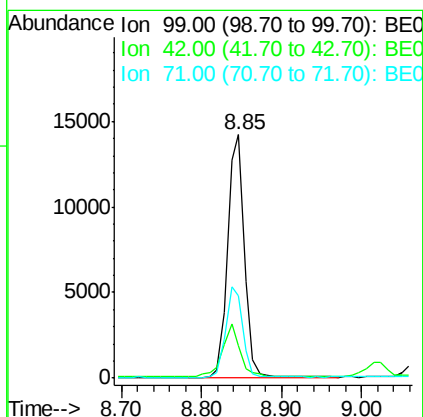
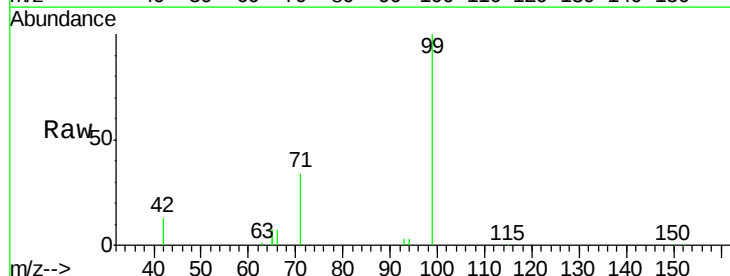
Manual Integrations
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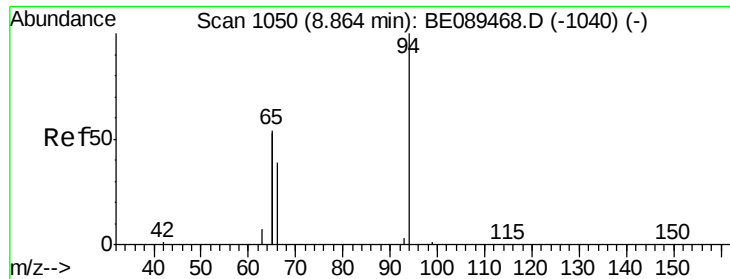
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#4
 Phenol-d6
 Concen: 0.97 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
99	100		
42	13.3	11.8	17.6
71	33.6	28.7	43.1





#5

Phenol

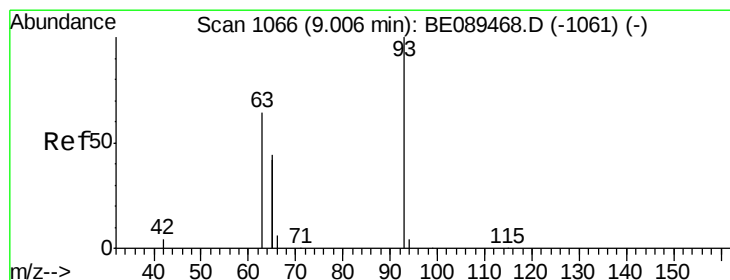
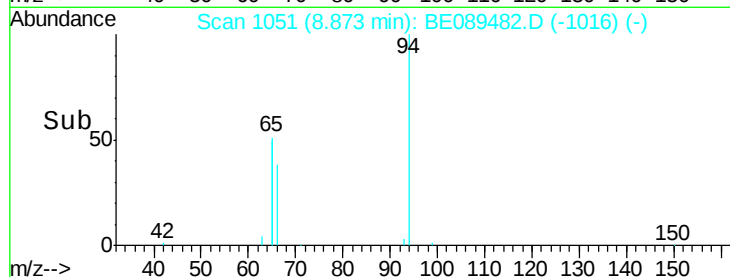
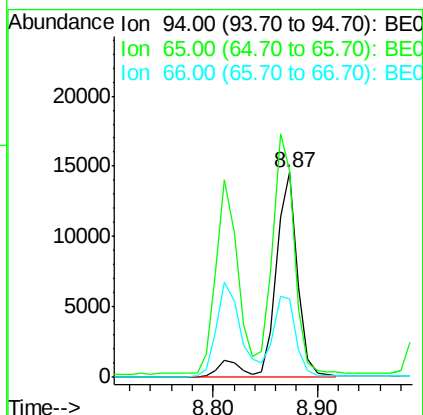
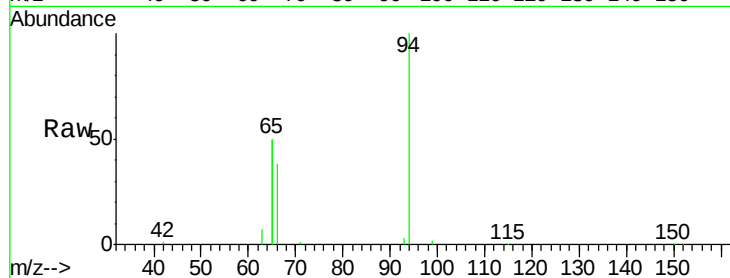
Concen: 0.97 ng m
 RT: 8.87 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
94	100		
65	50.5	33.9	73.9
66	38.0	19.1	59.1

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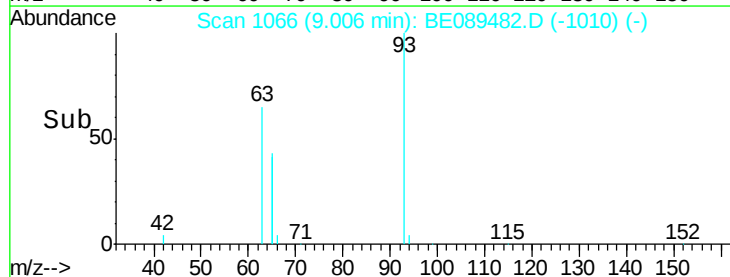
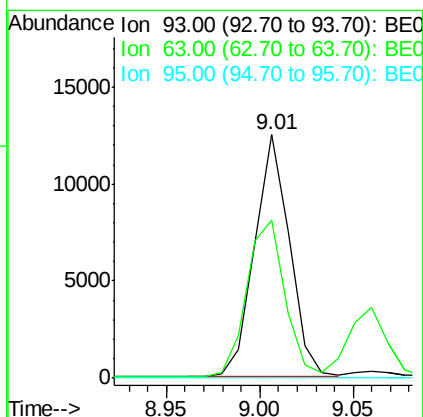
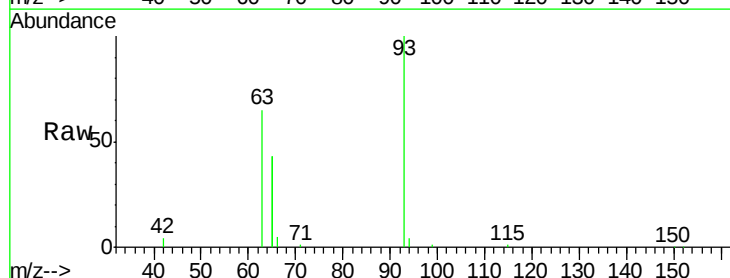


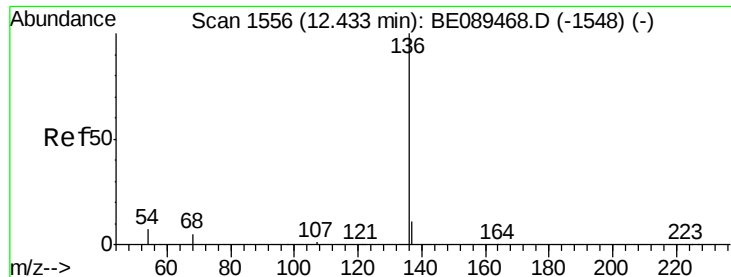
#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng
 RT: 9.01 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.6	57.0	85.6
95	0.0	0.0	0.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.43 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

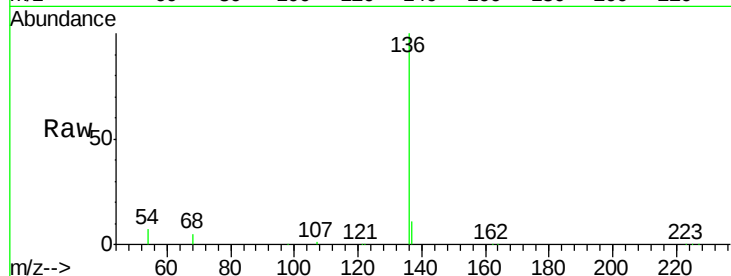
LabSampleId :

SSTDCCC001

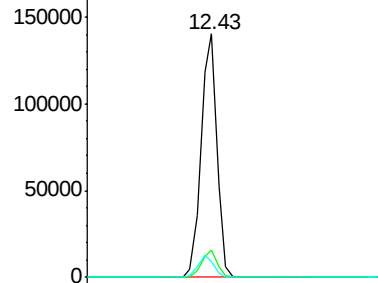
Tgt Ion:	136	Resp:	210027
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.5	5.4	8.0

Manual Integrations
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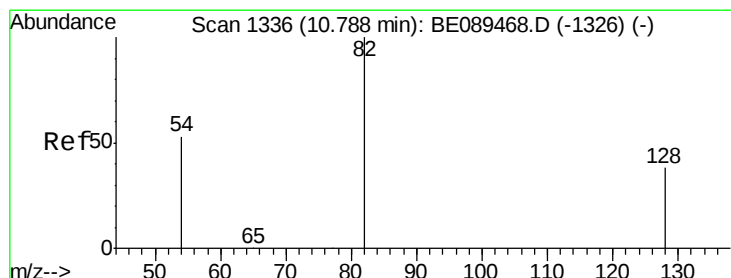
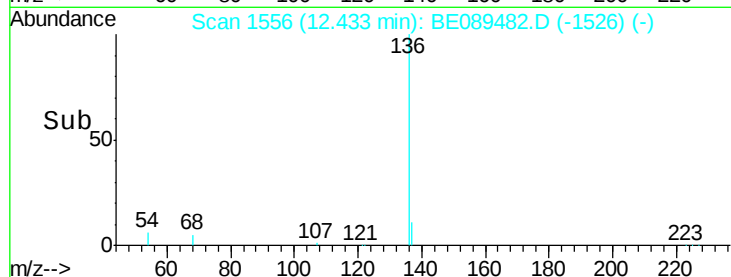
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.95 ng

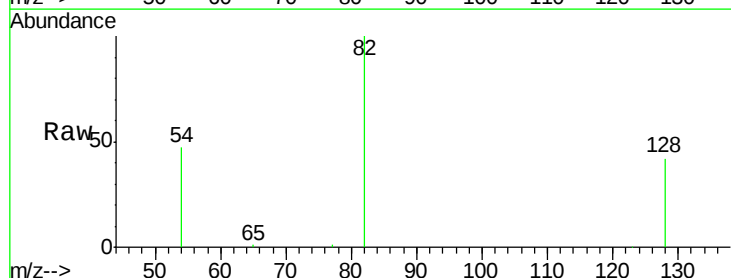
RT: 10.79 min Scan# 1337

Delta R.T. 0.01 min

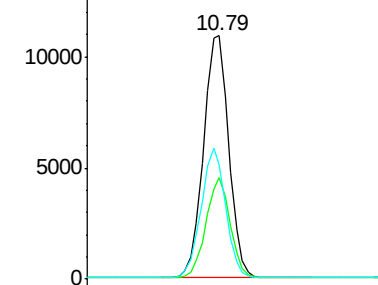
Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

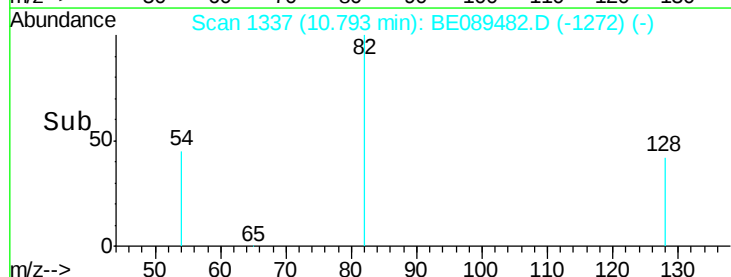
Tgt Ion:	82	Resp:	15127
Ion Ratio	Lower	Upper	
82	100		
128	41.8	30.3	45.5
54	47.0	43.1	64.7

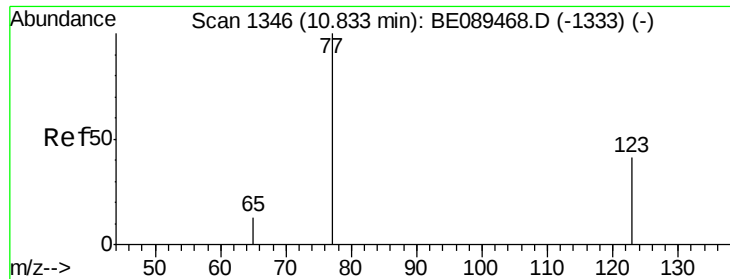


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Nitrobenzene

Concen: 0.98 ng

RT: 10.83 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BE089482.D

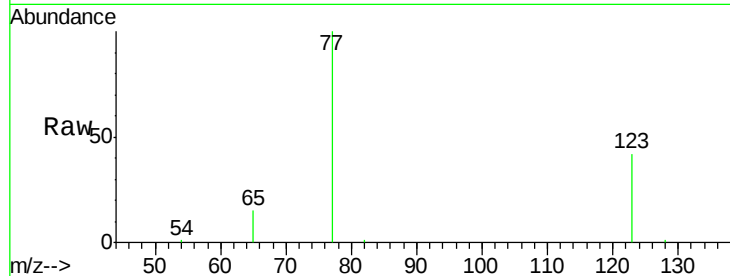
Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

LabSampleId :

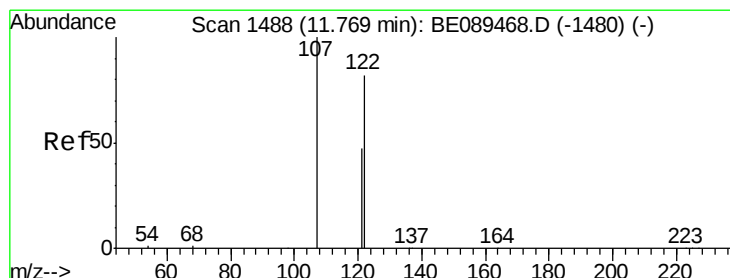
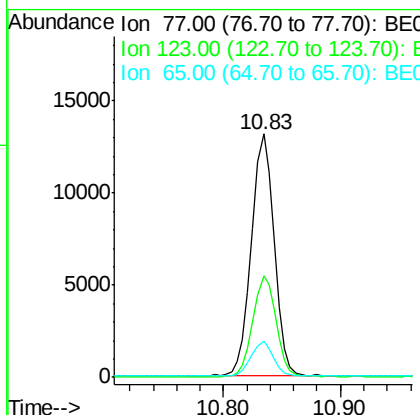
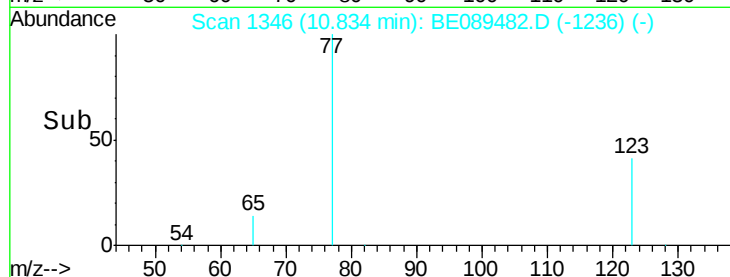
SSTDCCC001



Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.4	50.0
65	14.2	10.9	16.3

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#10

2,4-Dimethylphenol

Concen: 0.95 ng

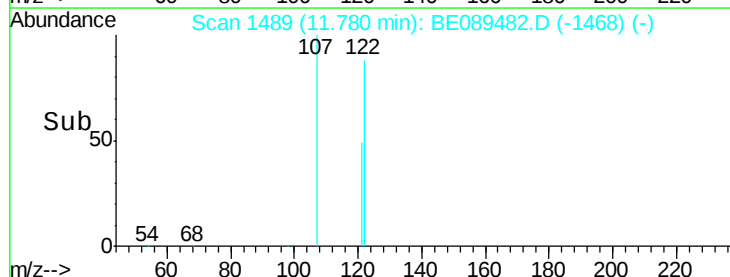
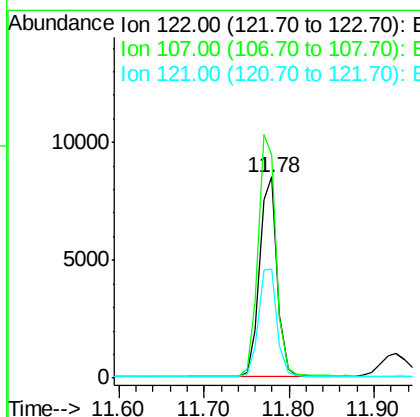
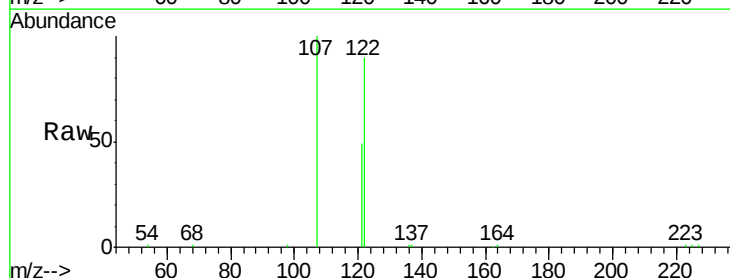
RT: 11.78 min Scan# 1489

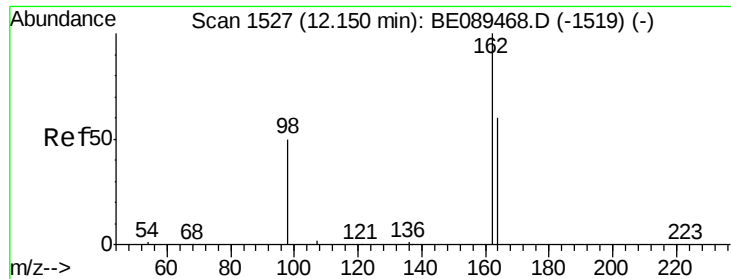
Delta R.T. 0.01 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.0	97.3	145.9
121	54.1	46.4	69.6





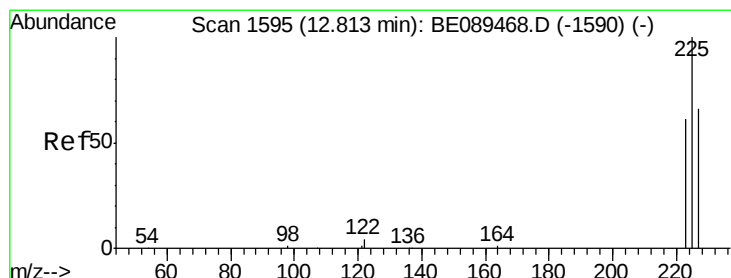
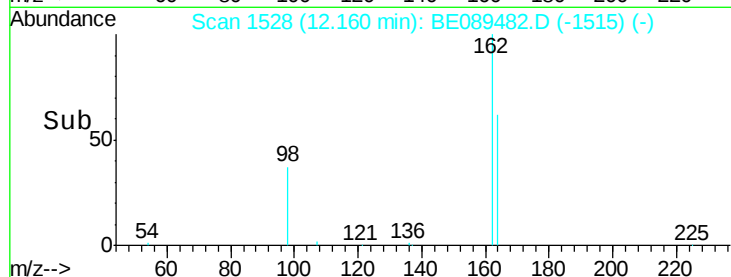
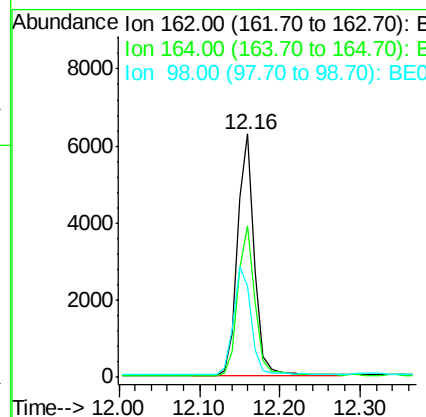
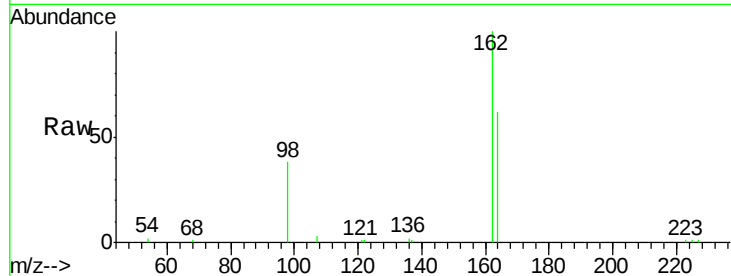
#11
 2,4-Dichlorophenol
 Concen: 0.95 ng
 RT: 12.16 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001

Tgt Ion:	162	Resp:	9262
Ion Ratio	Lower	Upper	
162	100		
164	62.3	39.9	79.9
98	37.6	31.3	71.3

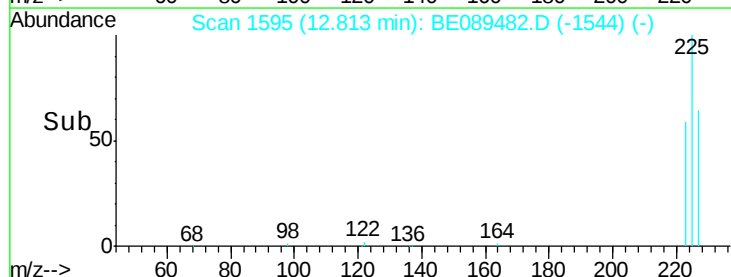
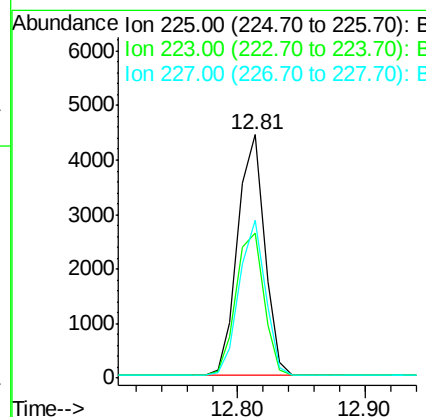
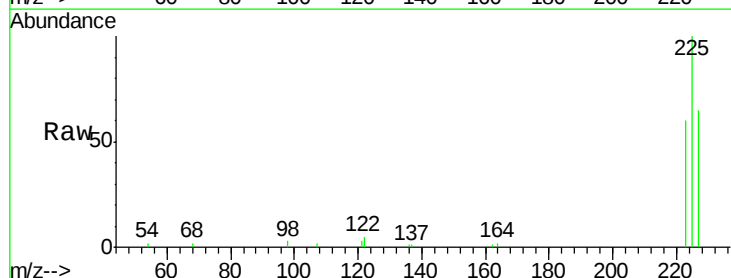
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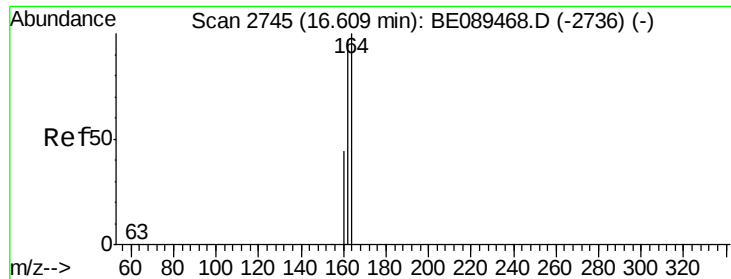
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#12
 Hexachlorobutadiene
 Concen: 0.99 ng
 RT: 12.81 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Tgt Ion:	225	Resp:	6455
Ion Ratio	Lower	Upper	
225	100		
223	61.9	49.4	74.0
227	62.2	51.2	76.8





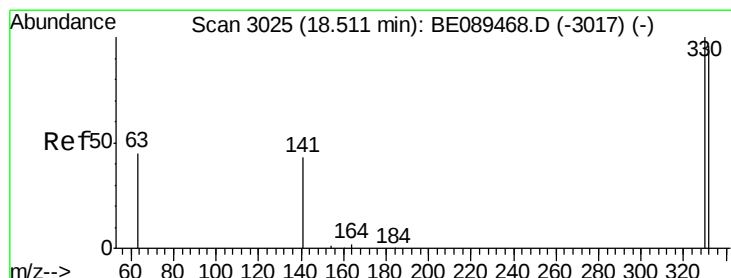
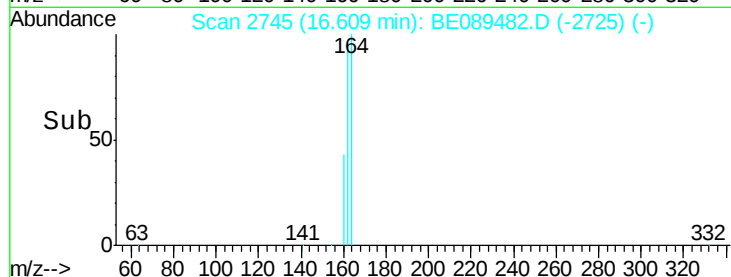
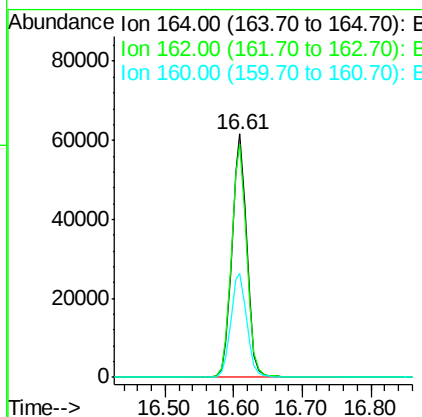
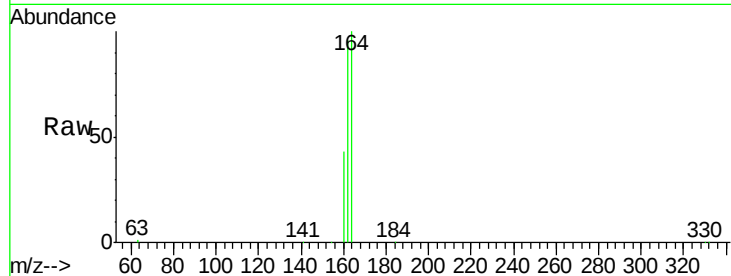
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.61 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BE089482.D
Acq: 4 Feb 2015 3:25

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.6	116.4
160	43.0	35.6	53.4

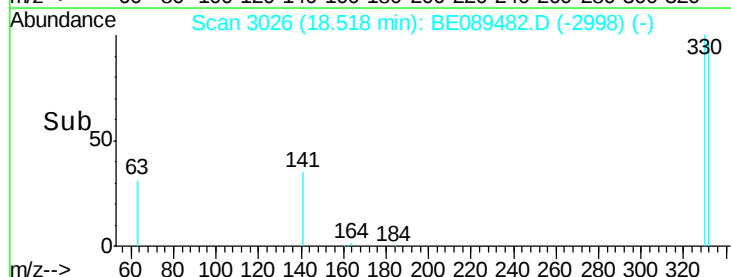
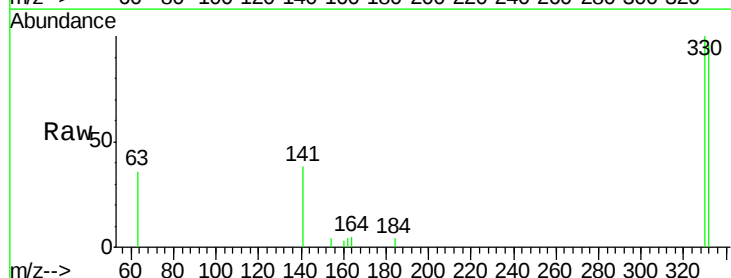
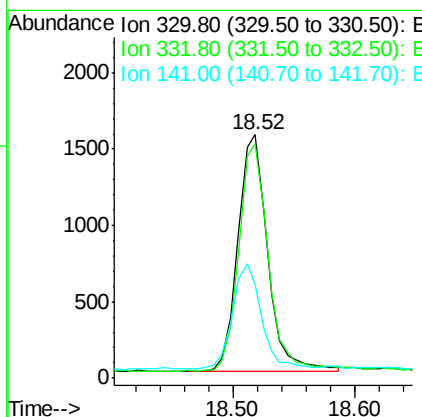
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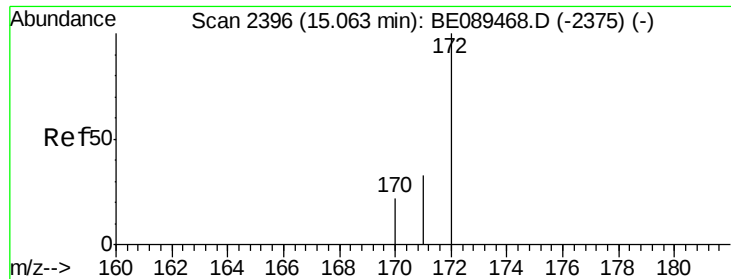
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#14
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 18.52 min Scan# 3026
Delta R.T. 0.01 min
Lab File: BE089482.D
Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	43.1	33.8	50.6





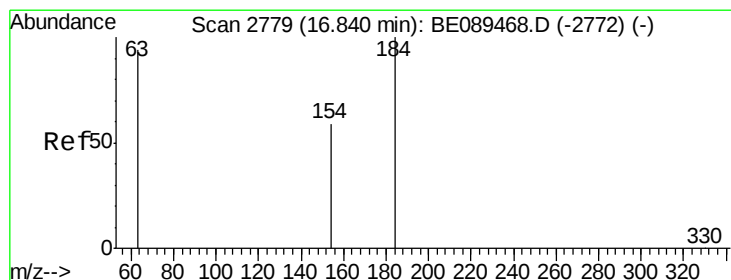
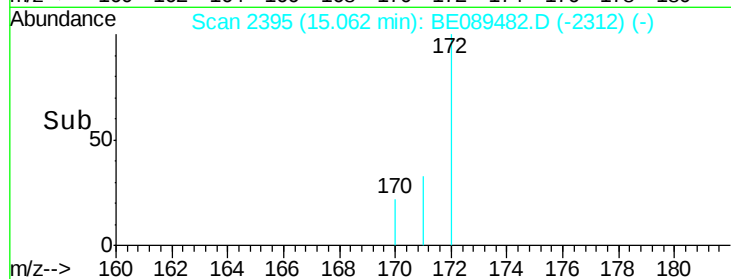
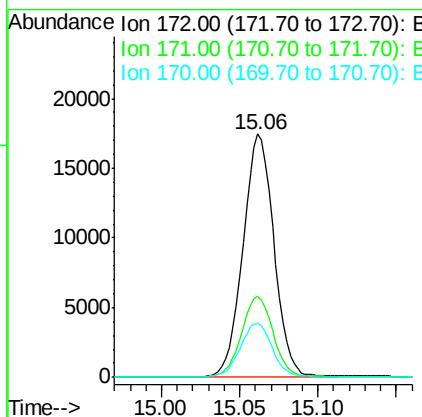
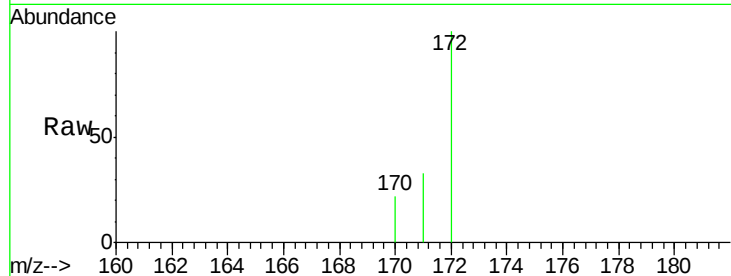
#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 15.06 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE089482.D
Acq: 4 Feb 2015 3:25

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.8	40.2
170	22.1	17.7	26.5

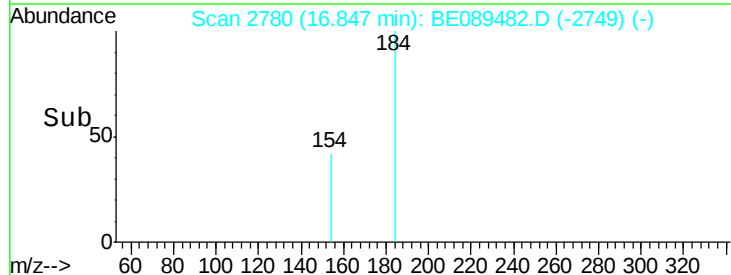
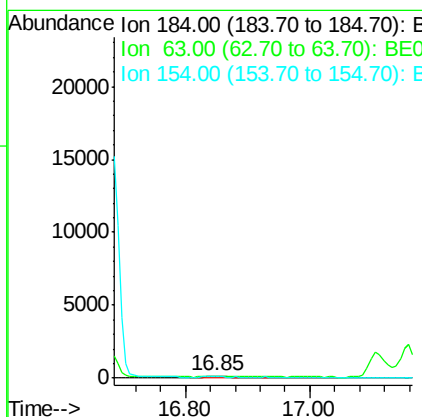
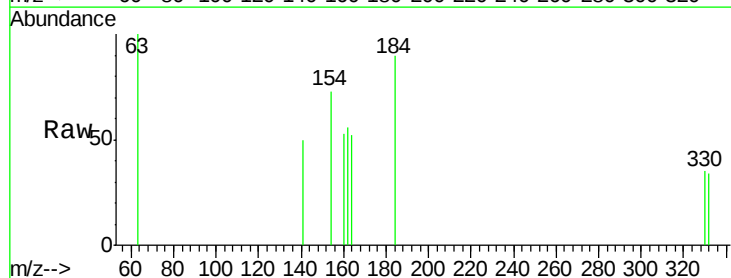
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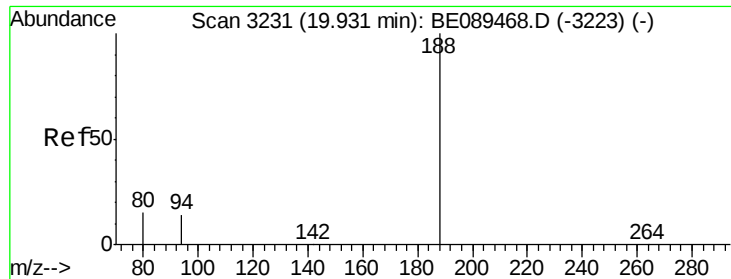
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#16
2,4-Dinitrophenol
Concen: 0.92 ng m
RT: 16.85 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BE089482.D
Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	110.9	92.1	138.1
154	81.5	61.4	92.2





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.93 min Scan# 3231

Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

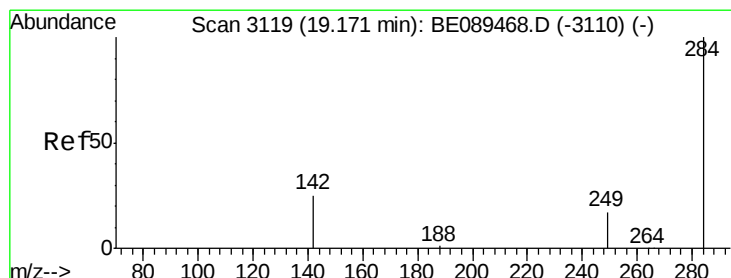
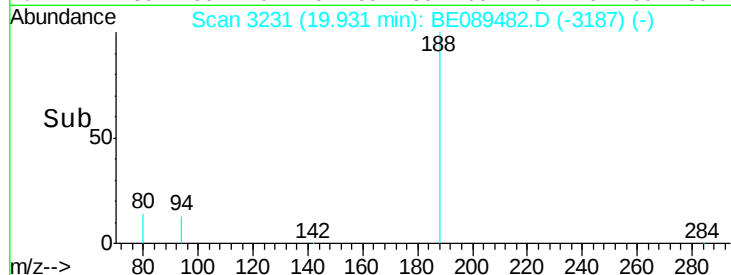
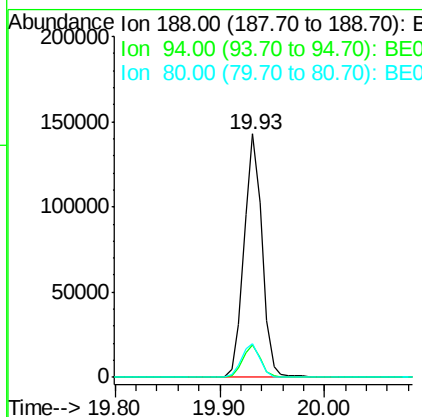
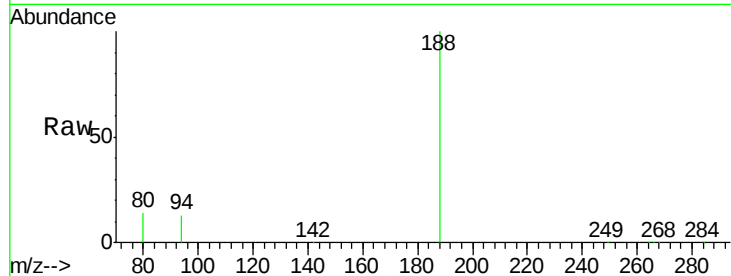
LabSampleId :

SSTDCCC001

Tgt Ion:	188	Resp:	171762
Ion Ratio	Lower	Upper	
188	100		
94	13.2	11.1	16.7
80	13.7	11.8	17.6

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#18

Hexachlorobenzene

Concen: 1.00 ng

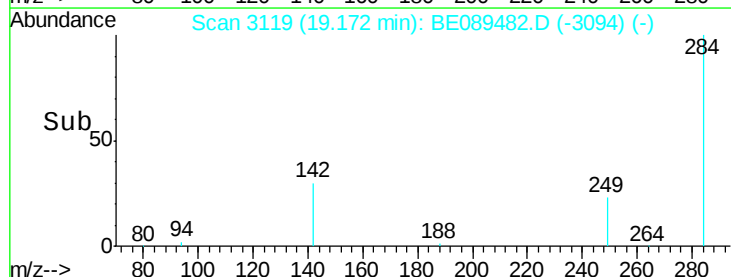
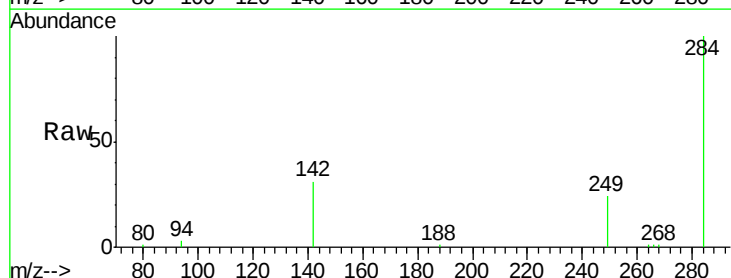
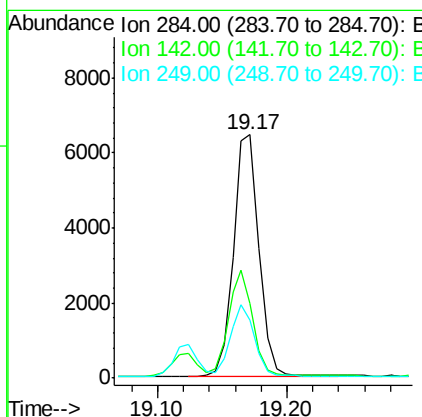
RT: 19.17 min Scan# 3119

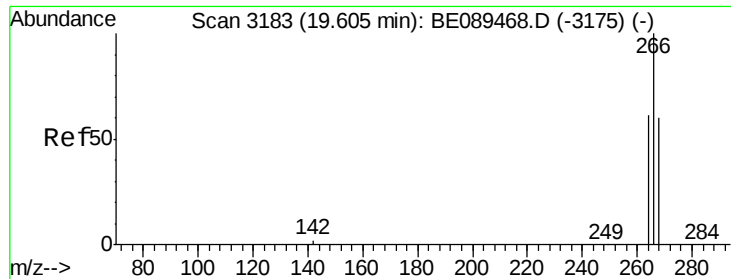
Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Tgt Ion:	284	Resp:	8862
Ion Ratio	Lower	Upper	
284	100		
142	30.7	24.4	36.6
249	23.7	18.2	27.2





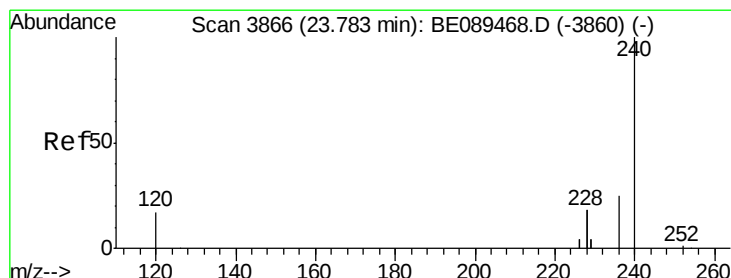
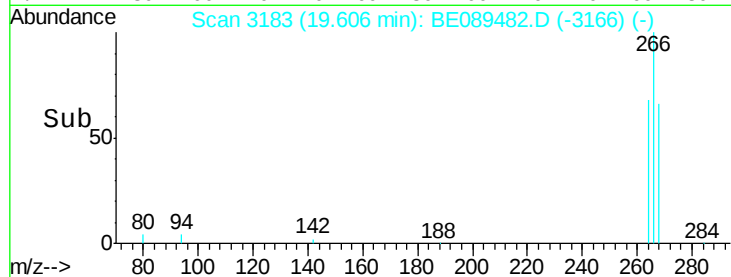
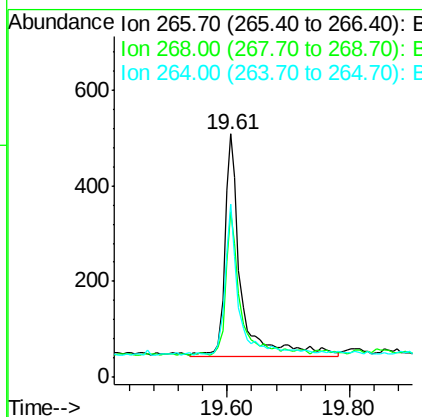
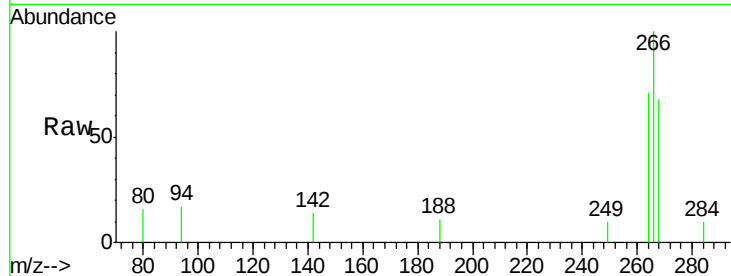
#19
 Pentachlorophenol
 Concen: 0.81 ng m
 RT: 19.61 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.0	75.0
264	71.1	50.6	75.8

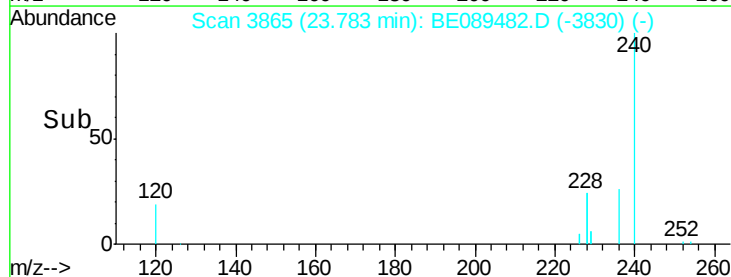
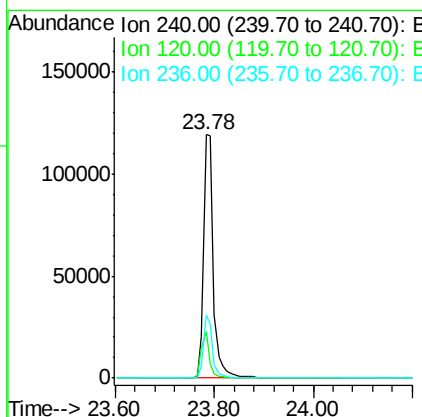
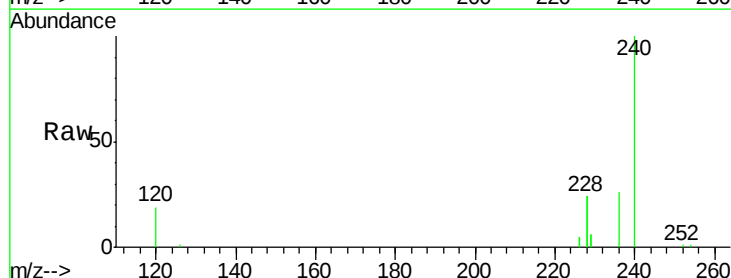
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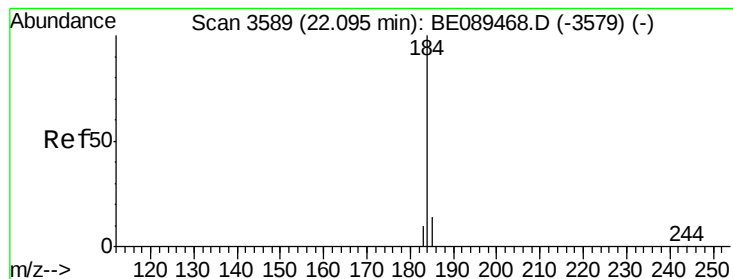
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#20
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.78 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	13.8	20.6
236	25.7	20.2	30.2





#21

Benzidine

Concen: 2.15 ng

RT: 22.10 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

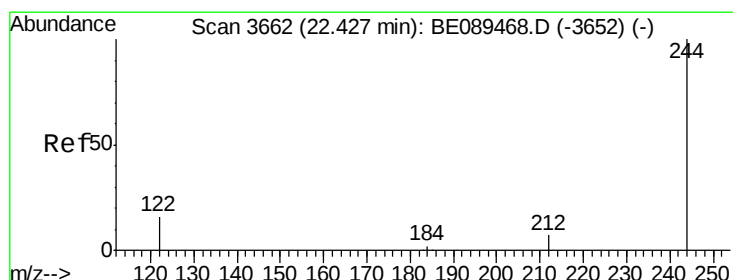
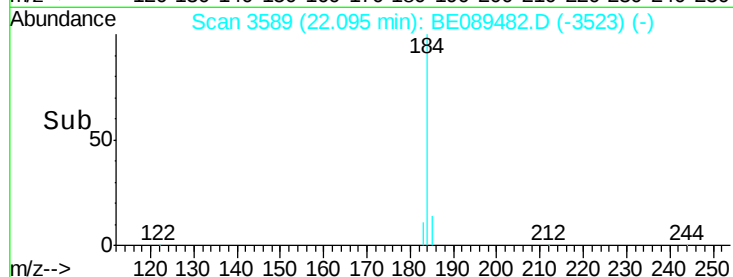
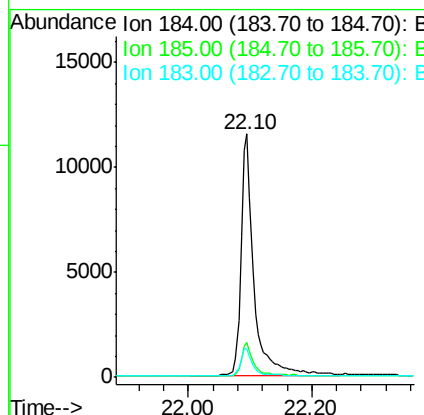
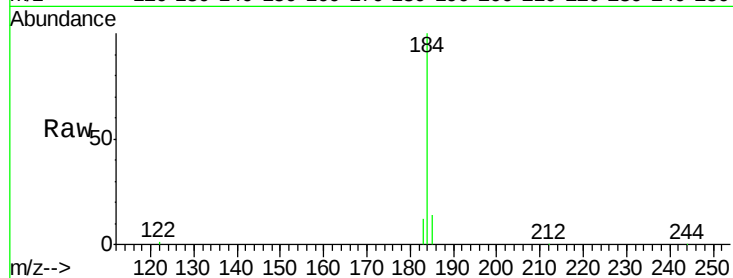
LabSampleId :

SSTDCCC001

Tgt Ion:	184	Resp:	16967
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.0	18.0
183	11.6	9.0	13.4

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#22

Terphenyl-d14

Concen: 1.02 ng

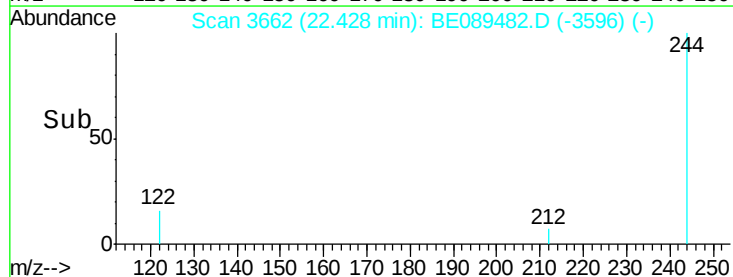
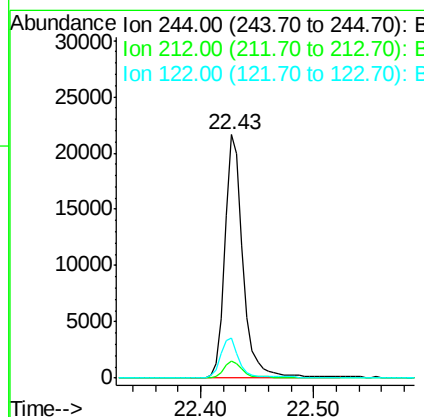
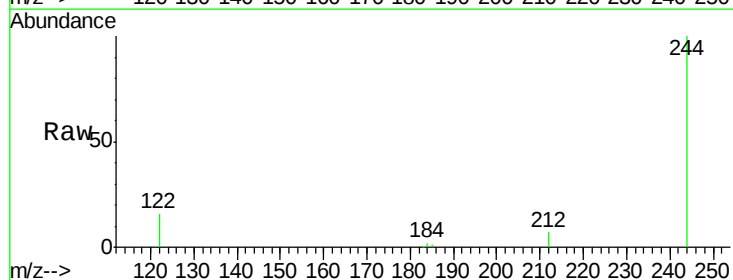
RT: 22.43 min Scan# 3662

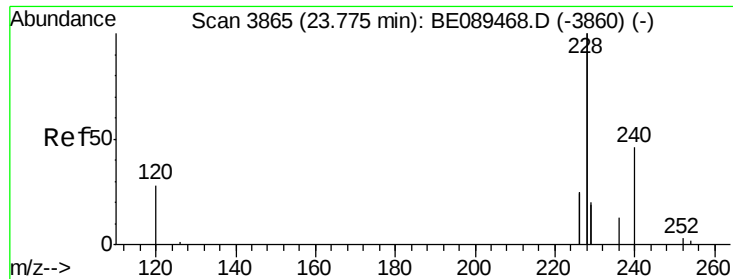
Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Tgt Ion:	244	Resp:	23759
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.5	8.3
122	16.5	12.6	19.0





#23

Benzo(a)anthracene

Concen: 0.99 ng

RT: 23.77 min Scan# 3864

Delta R.T. -0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

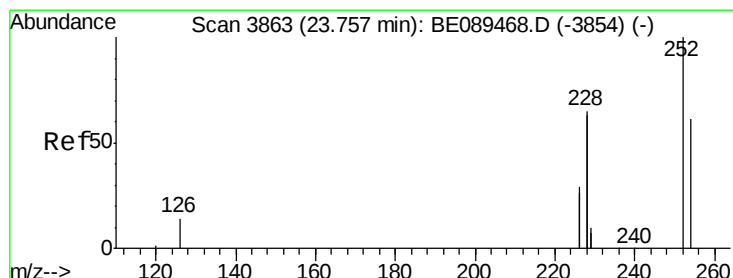
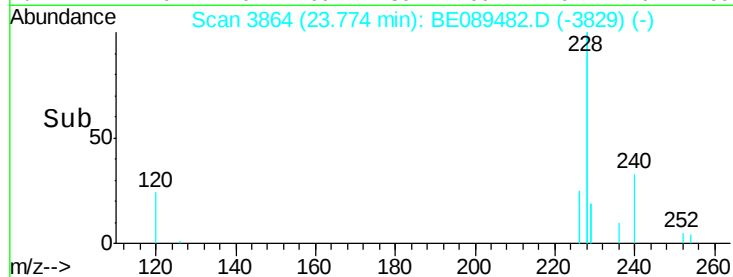
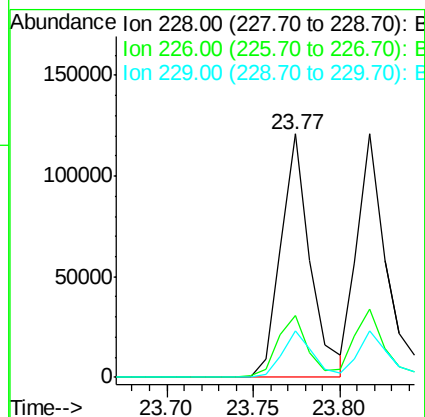
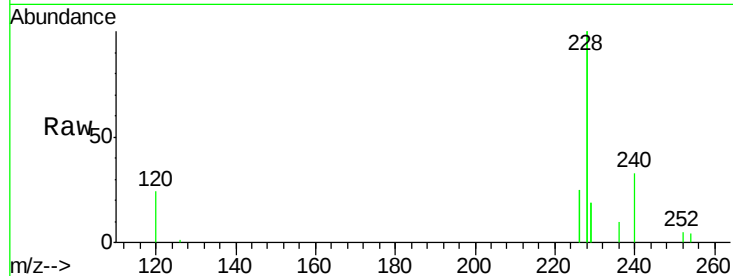
LabSampleId :

SSTDCCC001

Tgt Ion:	228	Resp:	143943
Ion Ratio		Lower	Upper
228	100		
226	25.4	19.6	29.4
229	19.2	15.9	23.9

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#24

3,3'-Dichlorobenzidine

Concen: 0.94 ng

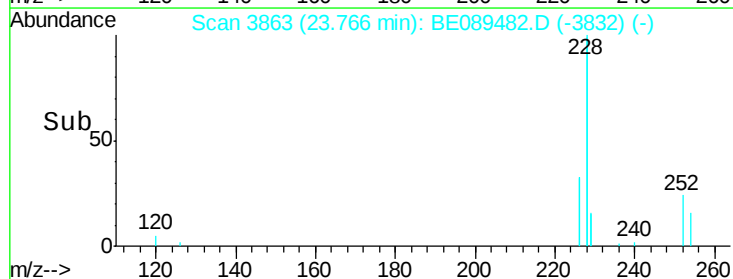
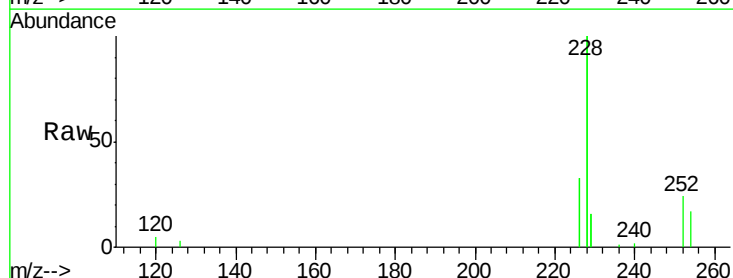
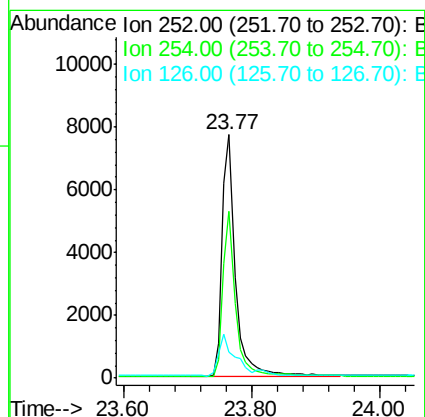
RT: 23.77 min Scan# 3863

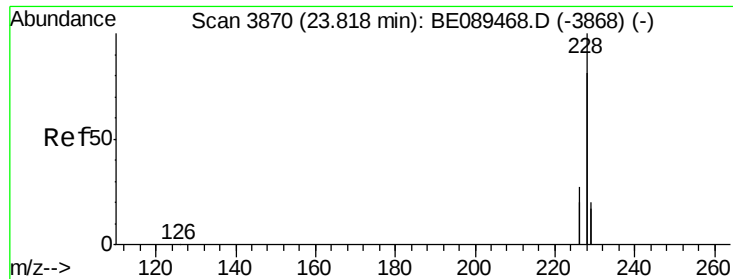
Delta R.T. 0.01 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Tgt Ion:	252	Resp:	11423
Ion Ratio		Lower	Upper
252	100		
254	68.4	48.6	73.0
126	10.8	12.4	18.6





#25

Chrysene

Concen: 1.00 ng

RT: 23.82 min Scan# 3869

Delta R.T. -0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

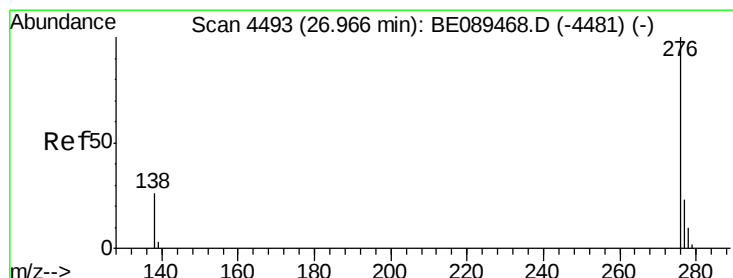
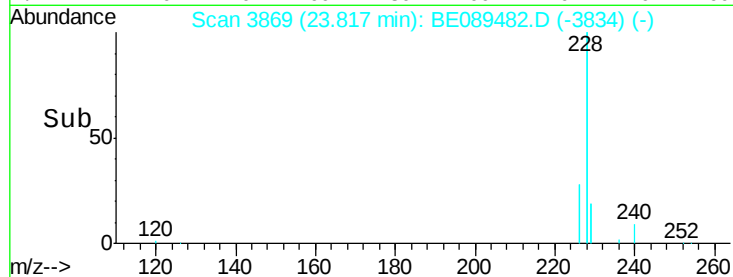
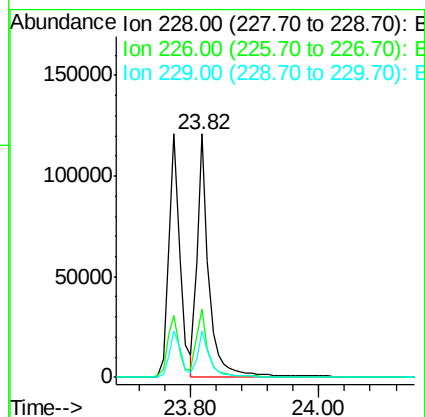
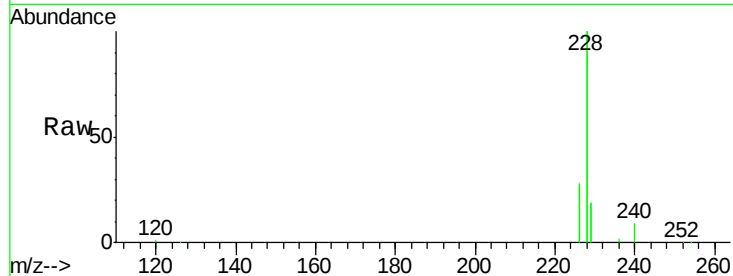
LabSampleId :

SSTDCCC001

Tgt Ion:	228	Resp:	151373
Ion Ratio		Lower	Upper
228	100		
226	28.2	21.8	32.8
229	19.3	16.2	24.2

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.91 ng

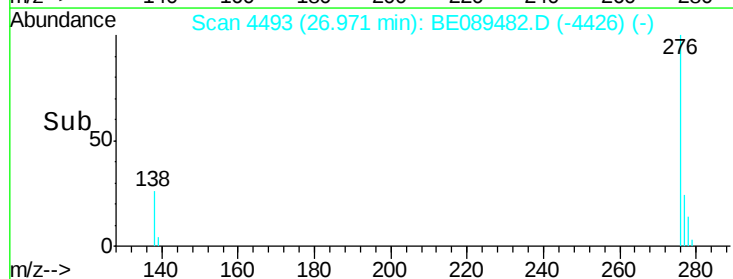
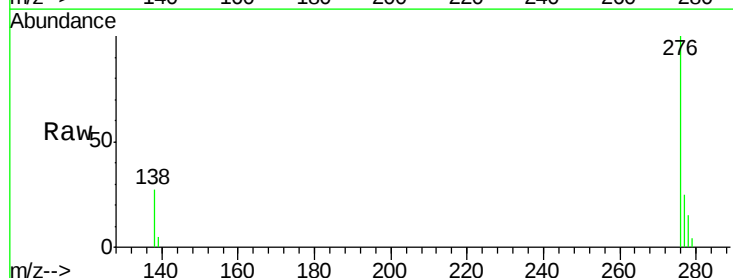
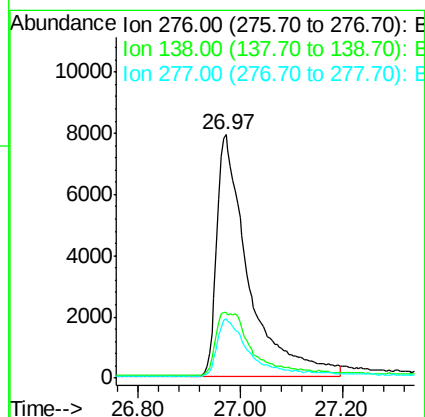
RT: 26.97 min Scan# 4493

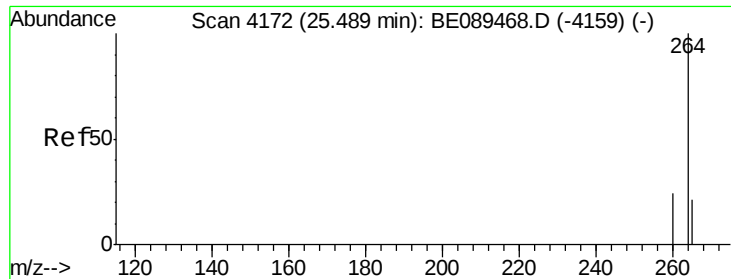
Delta R.T. 0.01 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

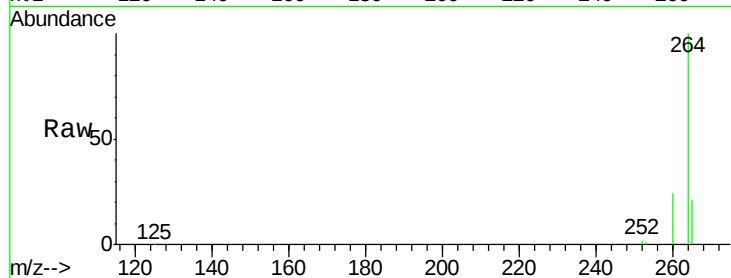
Tgt Ion:	276	Resp:	34059
Ion Ratio		Lower	Upper
276	100		
138	29.5	24.2	36.4
277	23.5	19.9	29.9





#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.49 min Scan# 4171
 Delta R.T. 0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

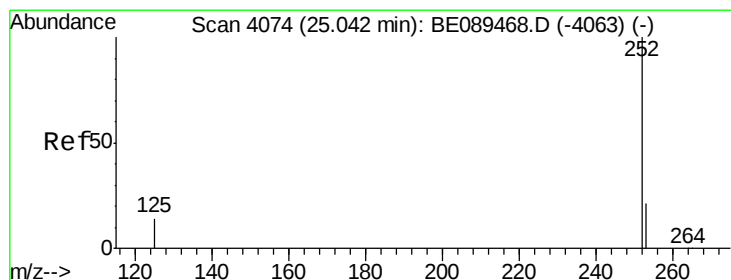
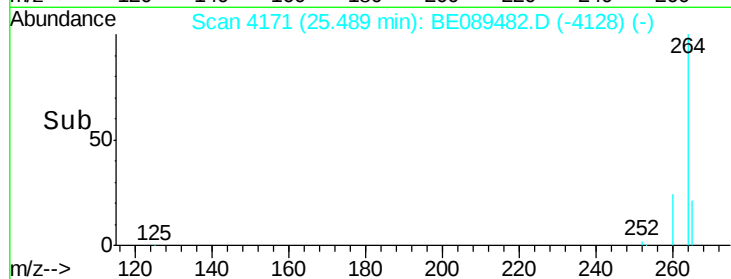
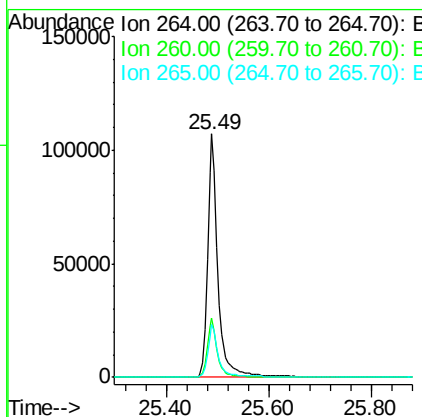
Instrument :
 BNA_E
 LabSampleId :
 SSTDCCC001



Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.1	28.7
265	21.5	17.0	25.6

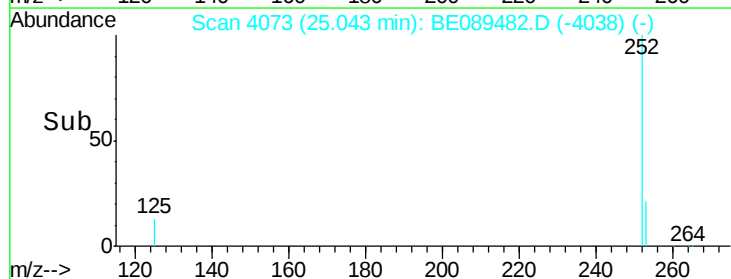
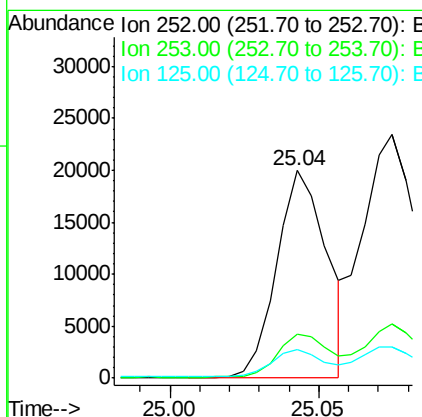
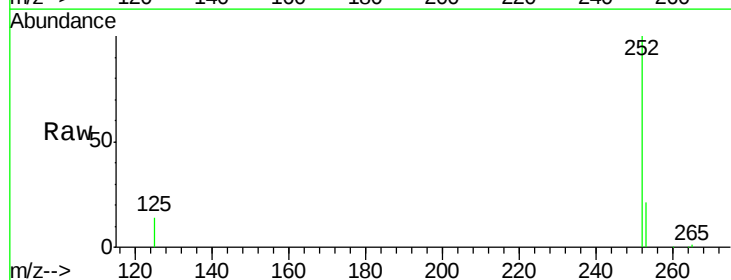
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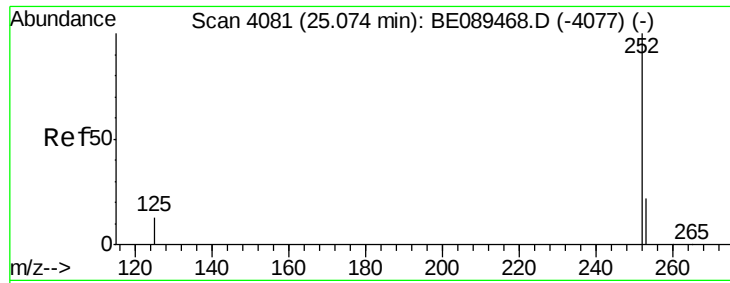
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#28
 Benzo(b)fluoranthene
 Concen: 0.84 ng
 RT: 25.04 min Scan# 4073
 Delta R.T. 0.00 min
 Lab File: BE089482.D
 Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	17.4	26.2
125	13.5	11.3	16.9





#29

Benzo(k)fluoranthene

Concen: 1.11 ng

RT: 25.07 min Scan# 4080

Delta R.T. 0.00 min

Lab File: BE089482.D

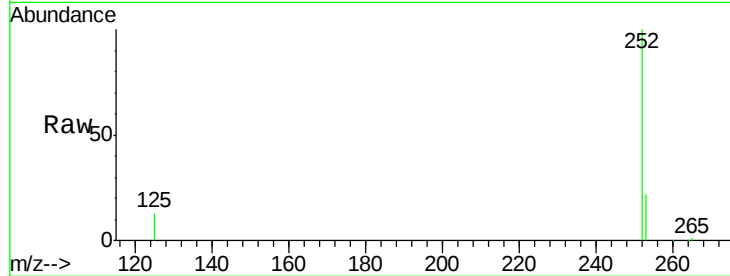
Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

LabSampleId :

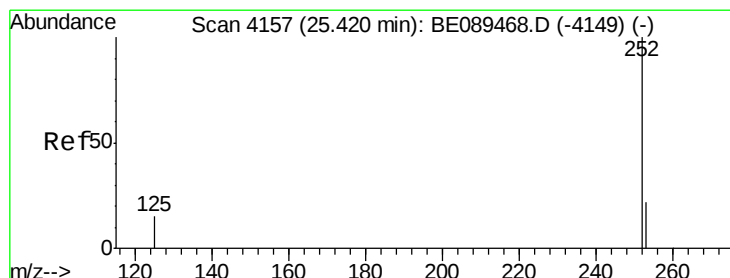
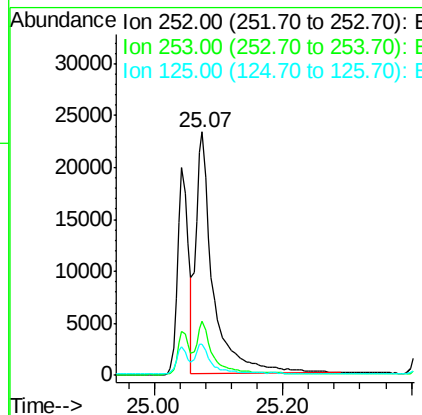
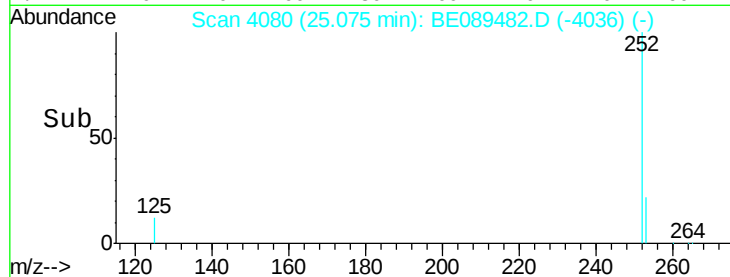
SSTDCCC001



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.6	10.6	15.8

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#30

Benzo(a)pyrene

Concen: 0.91 ng

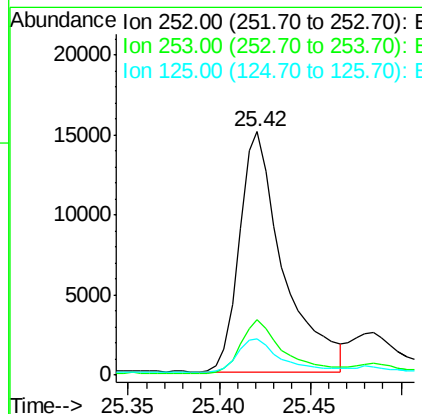
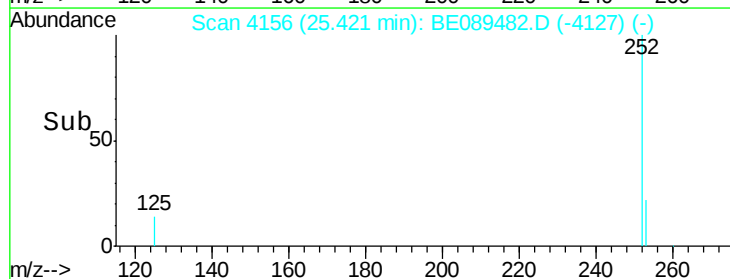
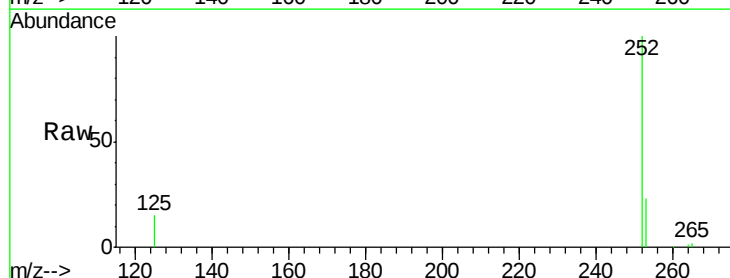
RT: 25.42 min Scan# 4156

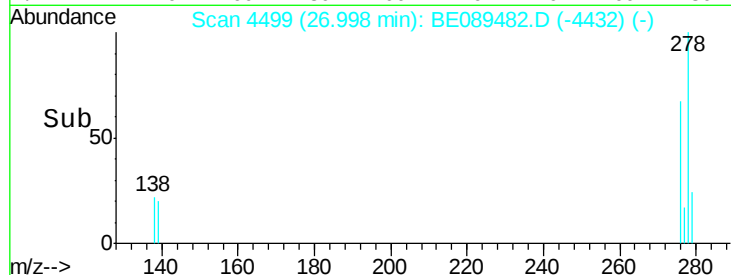
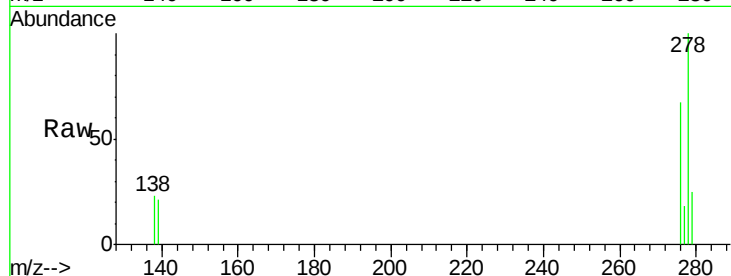
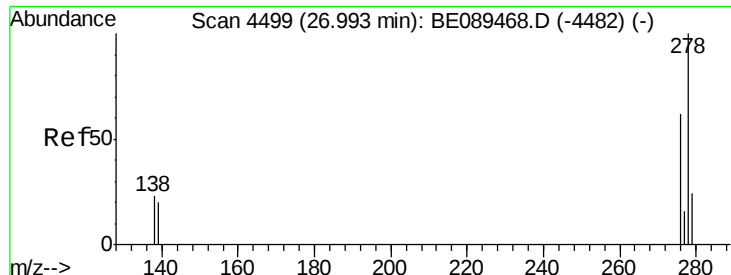
Delta R.T. 0.00 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	14.7	12.2	18.4





#31

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 27.00 min Scan# 4499

Delta R.T. 0.01 min

Lab File: BE089482.D

Acq: 4 Feb 2015 3:25

Instrument :

BNA_E

LabSampleId :

SSTDCCC001

Tgt Ion:	278	Resp:	26415
Ion Ratio	Lower	Upper	
278	100		
139	21.3	16.8	25.2
279	24.7	19.4	29.0

Manual Integrations
APPROVED

apatel
2/4/2015 2:55:34 PM

