

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
 Data File : BE089667.D
 Acq On : 24 Feb 2015 12:25
 Operator : TP/JJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Manual Integrations
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Quant Time: Feb 24 15:10:14 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 24 14:51:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	35443	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	181556	5.00	ng	0.00
8) Acenaphthene-d10	16.41	164	65910	5.00	ng	0.00
13) Phenanthrene-d10	19.77	188	119858	5.00	ng	0.00
19) Chrysene-d12	23.66	240	85699	5.00	ng	0.00
25) Perylene-d12	25.34	264	64306	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.61	82	3135	0.31	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	5851	0.34	ng	0.00
21) Terphenyl-d14	22.30	244	2059	0.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	946	0.21	ng	93
3) n-Nitrosodimethylamine	3.47	42	984	0.19	ng	# 89
6) Naphthalene	12.29	128	7469	0.21	ng	99
7) 2-Methylnaphthalene	13.95	142	3691	0.18	ng	99
10) Acenaphthylene	16.06	152	18650	0.20	ng	100
11) Acenaphthene	16.49	154	3187	0.21	ng	97
12) Fluorene	17.74	166	3406	0.20	ng	98
14) Hexachlorobenzene	18.99	284	652	0.21	ng	98
15) Pentachlorophenol	19.44	266	39	0.08	ng	# 79
16) Phenanthrene	19.81	178	5441	0.21	ng	99
17) Anthracene	19.91	178	3999	0.19	ng	99
18) Fluoranthene	21.72	202	3834	0.18	ng	99
20) Pyrene	22.04	202	4164	0.20	ng	99
22) Benzo(a)anthracene	23.64	228	10118	0.18	ng	97
23) Chrysene	23.68	228	16863	0.22	ng	96
24) Indeno(1,2,3-cd)pyrene	26.73	276	2533	0.08	ng	# 61
26) Benzo(b)fluoranthene	24.91	252	542	0.09	ng	# 83
27) Benzo(k)fluoranthene	24.94	252	2035m	0.14	ng	
28) Benzo(a)pyrene	25.27	252	695	0.10	ng	# 83
29) Dibenzo(a,h)anthracene	26.77	278	401	0.07	ng	# 65
30) Benzo(g,h,i)perylene	27.15	276	3734	0.12	ng	# 77

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

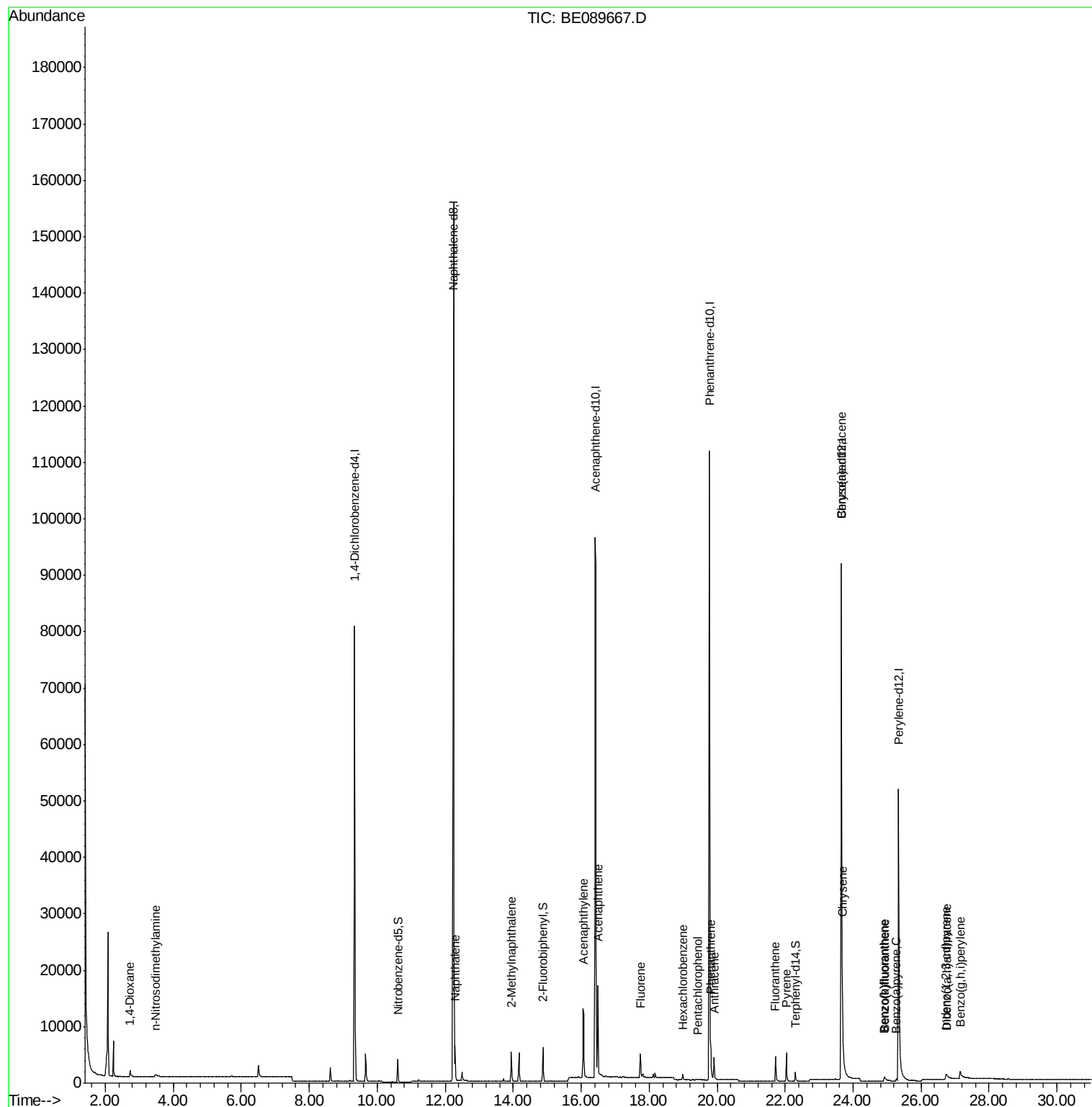
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
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Sample : SSTDICC0.2
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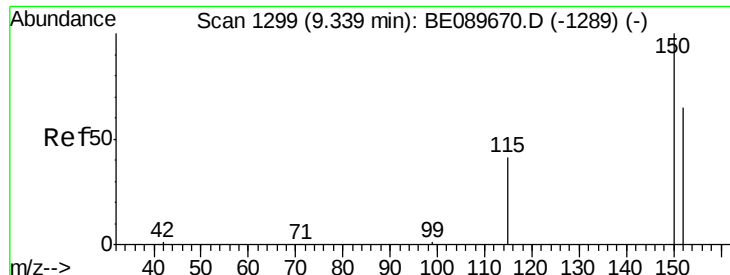
Instrument :
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LabSampleId :
SSTDICC0.2

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 14:51:37 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE089667.D

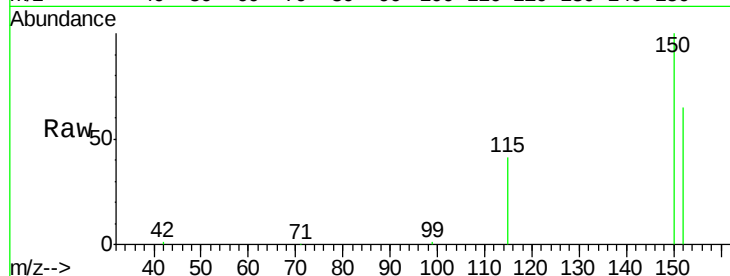
Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2



Tgt Ion: 152 Resp: 35443

Ion Ratio Lower Upper

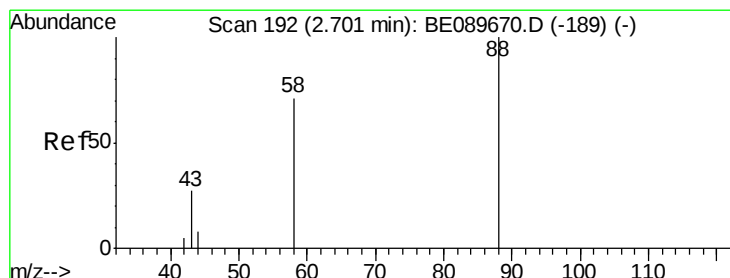
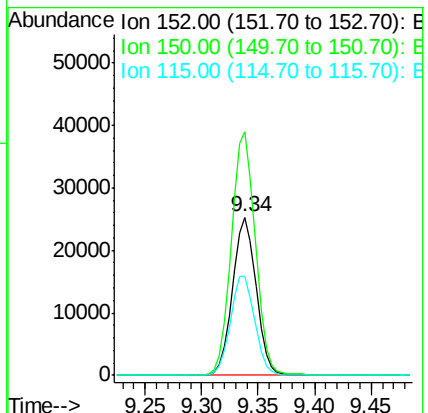
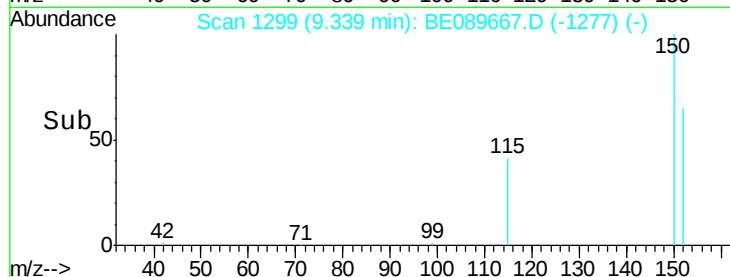
152 100

150 154.2 123.4 185.0

115 62.7 50.8 76.2

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#2

1,4-Dioxane

Concen: 0.21 ng

RT: 2.72 min Scan# 195

Delta R.T. 0.02 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

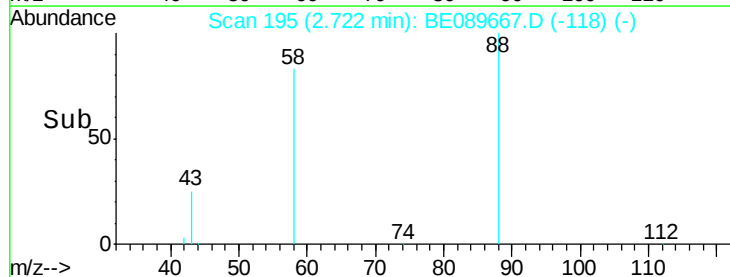
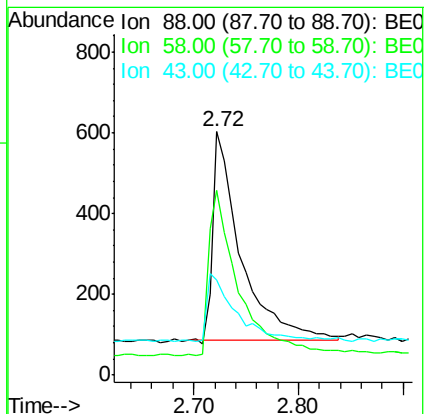
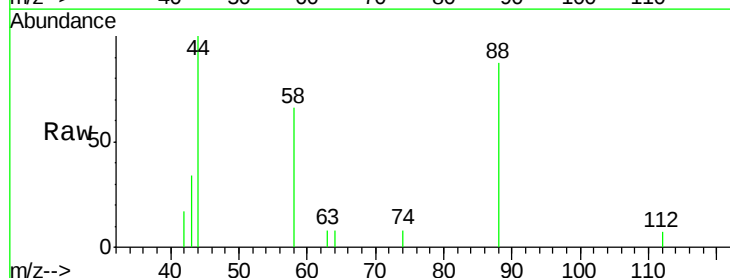
Tgt Ion: 88 Resp: 946

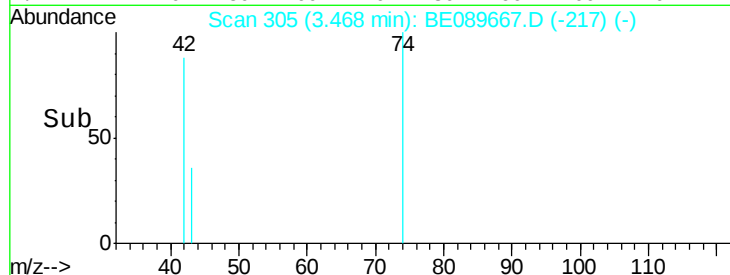
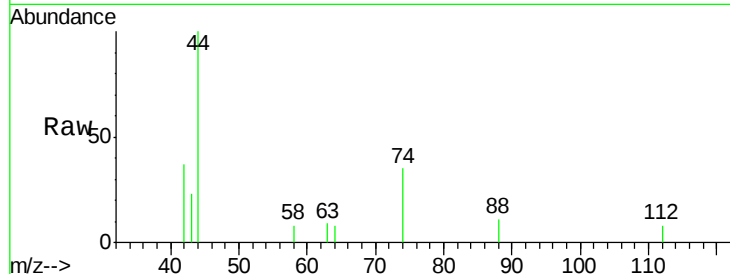
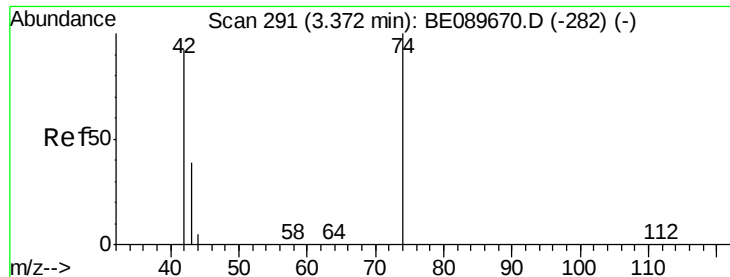
Ion Ratio Lower Upper

88 100

58 86.6 62.4 93.6

43 34.2 26.6 40.0





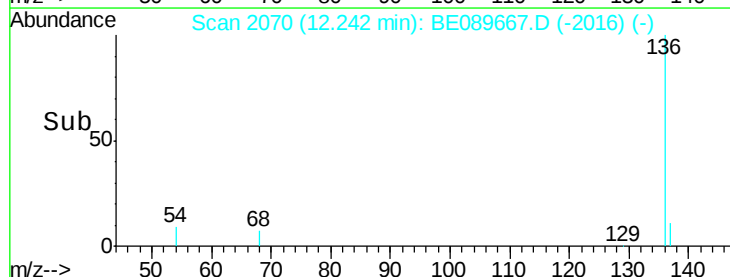
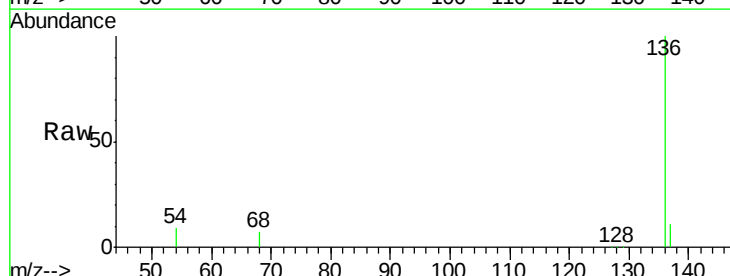
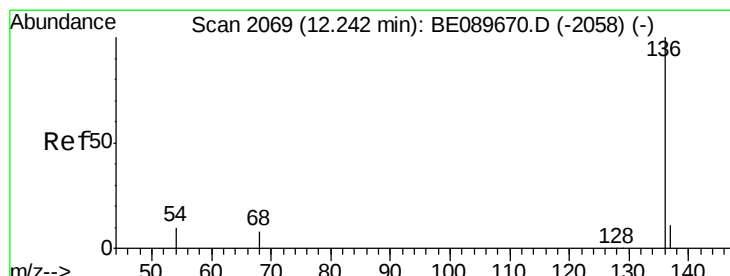
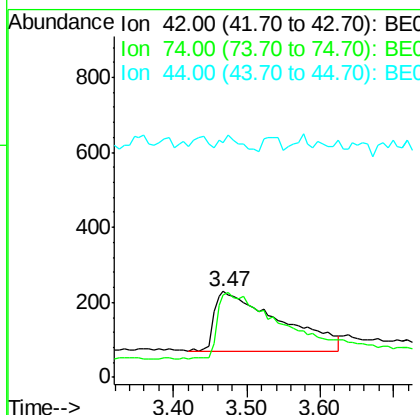
#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.47 min Scan# 305
Delta R.T. 0.10 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Tgt Ion: 42 Resp: 984
Ion Ratio Lower Upper
42 100
74 126.5 91.1 136.7
44 8.0 4.7 7.1#

Instrument :
BNA_E
LabSampleId :
SSTDIC0.2

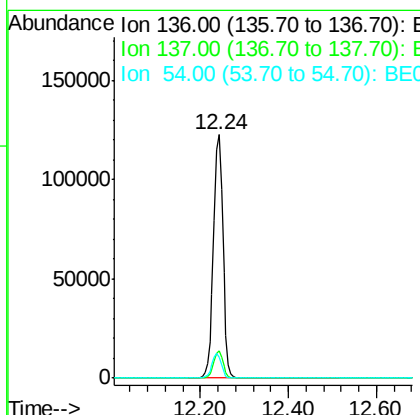
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#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Tgt Ion: 136 Resp: 181556
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.8 7.8 11.8





#5

Nitrobenzene-d5

Concen: 0.31 ng

RT: 10.61 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

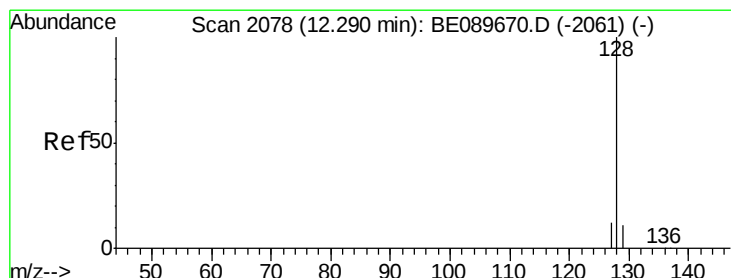
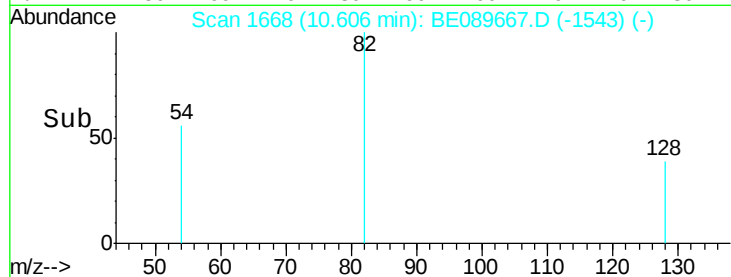
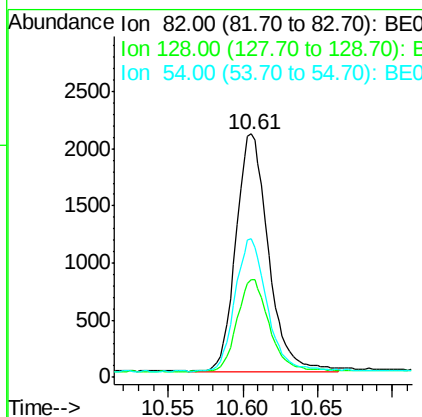
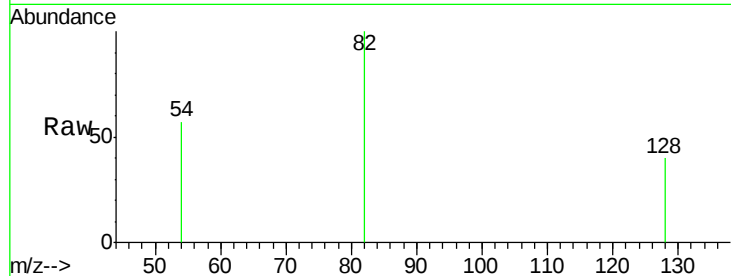
LabSampleId :

SSTDIC0.2

Tgt Ion:	82	Resp:	3135
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.6	46.0
54	57.1	43.6	65.4

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#6

Naphthalene

Concen: 0.21 ng

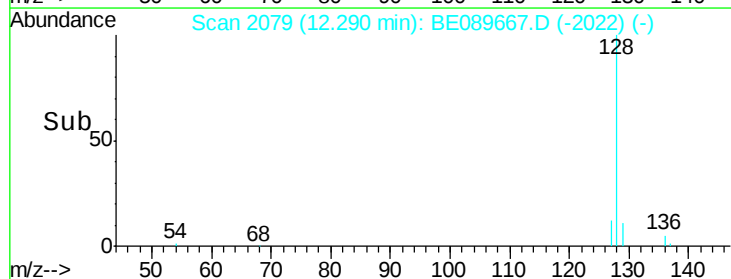
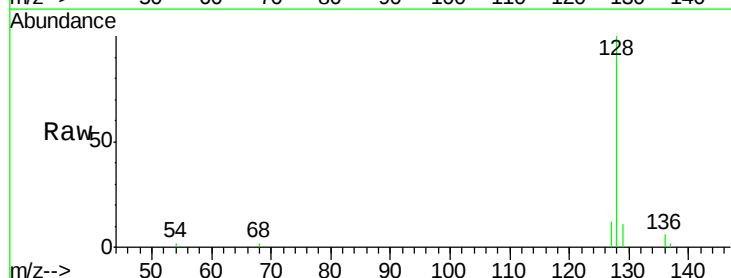
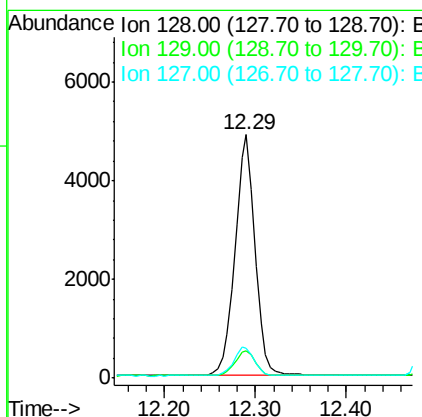
RT: 12.29 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	128	Resp:	7469
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.9	13.3
127	12.4	9.7	14.5





#7

2-Methylnaphthalene

Concen: 0.18 ng

RT: 13.95 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

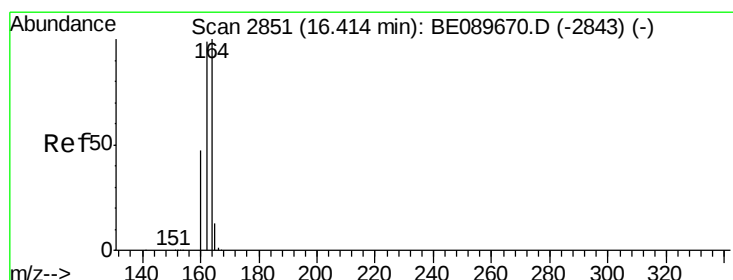
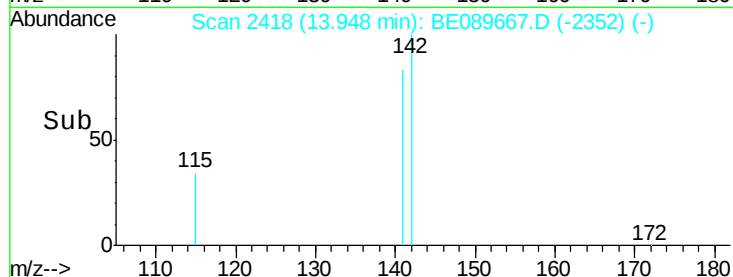
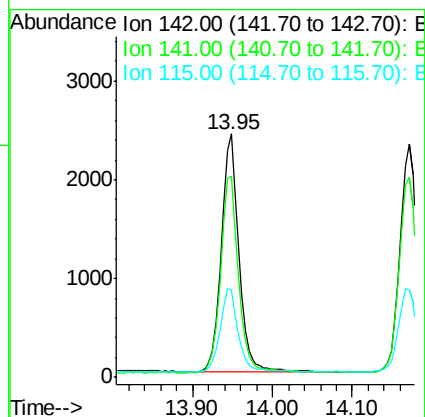
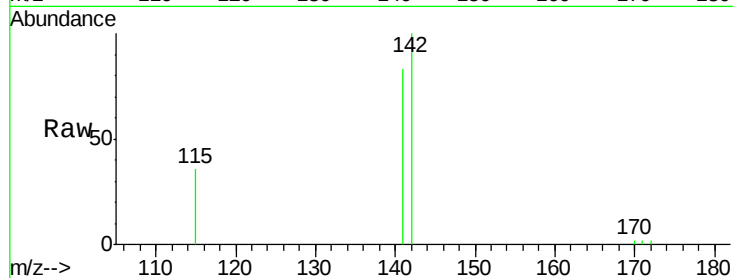
LabSampleId :

SSTDIC0.2

Tgt Ion:	142	Resp:	3691
Ion Ratio	Lower	Upper	
142	100		
141	82.8	66.0	99.0
115	35.7	27.4	41.0

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#8

Acenaphthene-d10

Concen: 5.00 ng

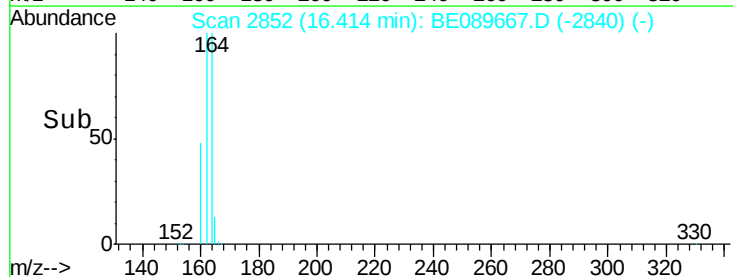
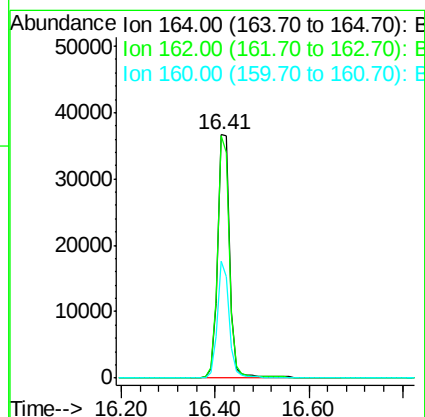
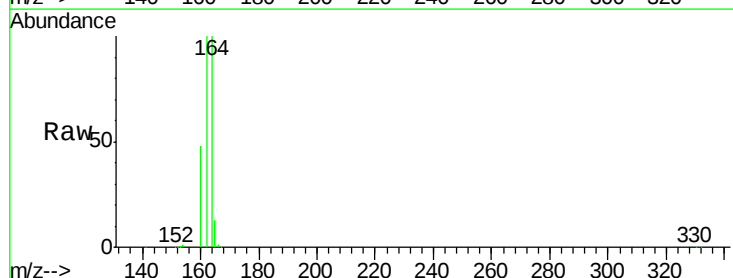
RT: 16.41 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	164	Resp:	65910
Ion Ratio	Lower	Upper	
164	100		
162	99.6	79.4	119.2
160	47.9	37.6	56.4





#9

2-Fluorobiphenyl

Concen: 0.34 ng

RT: 14.88 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

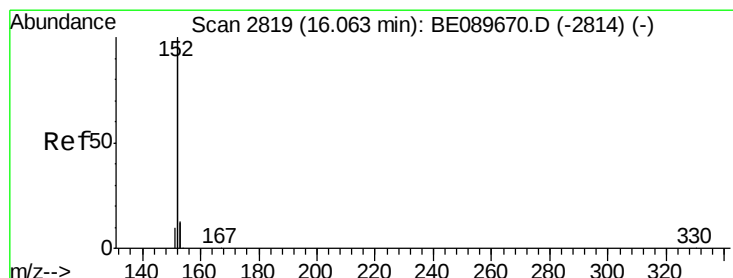
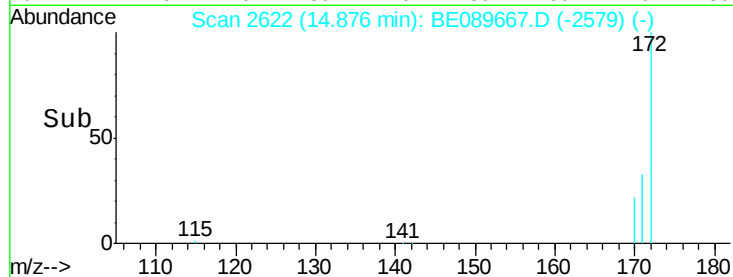
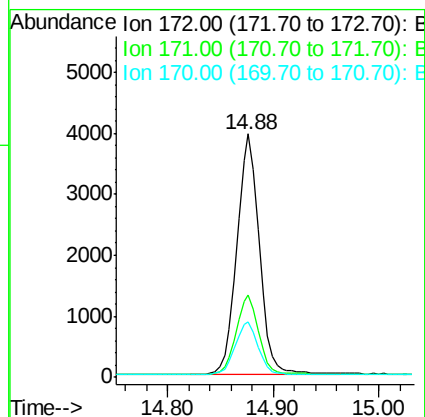
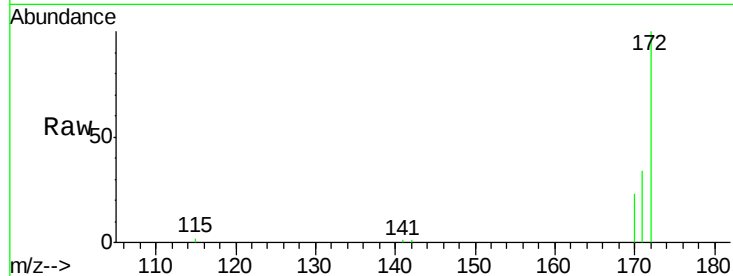
LabSampleId :

SSTDIC0.2

Tgt Ion:	172	Resp:	5851
Ion Ratio	Lower	Upper	
172	100		
171	33.7	27.3	40.9
170	22.6	18.5	27.7

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#10

Acenaphthylene

Concen: 0.20 ng

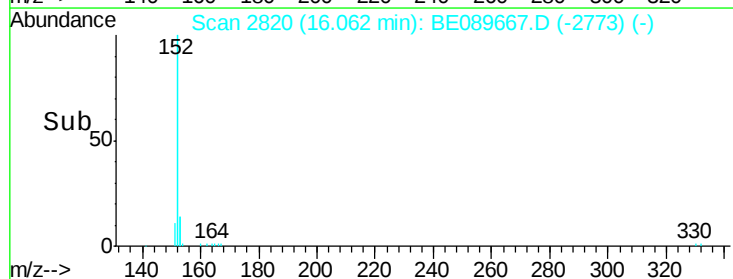
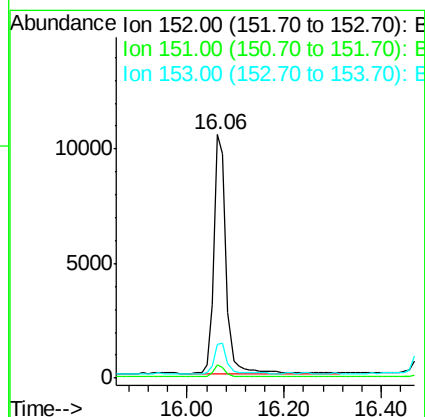
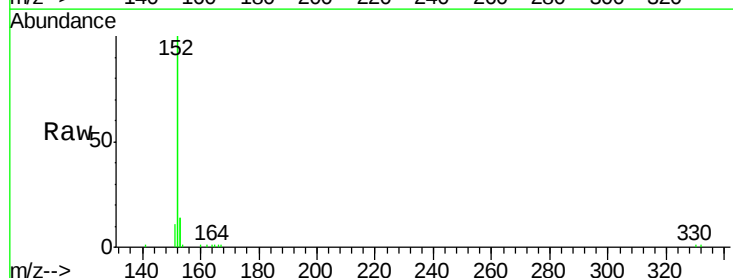
RT: 16.06 min Scan# 2820

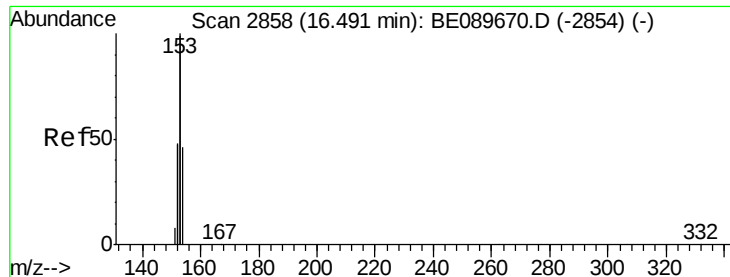
Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	152	Resp:	18650
Ion Ratio	Lower	Upper	
152	100		
151	4.9	3.8	5.6
153	12.9	10.4	15.6





#11

Acenaphthene

Concen: 0.21 ng

RT: 16.49 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

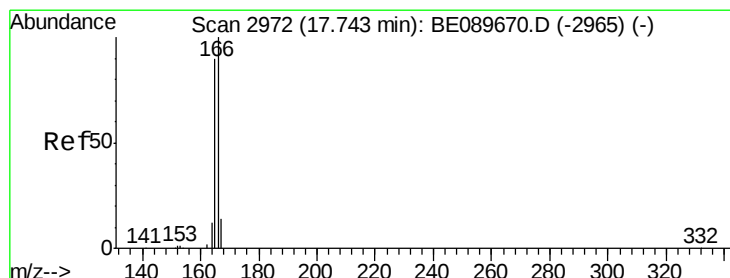
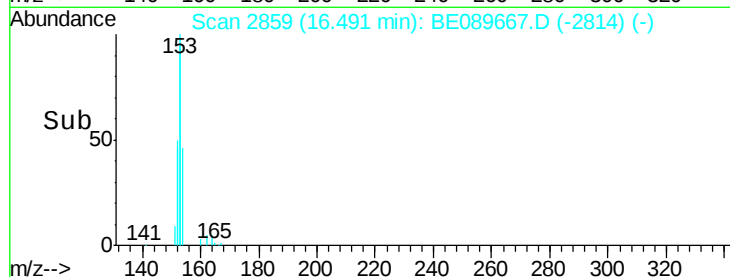
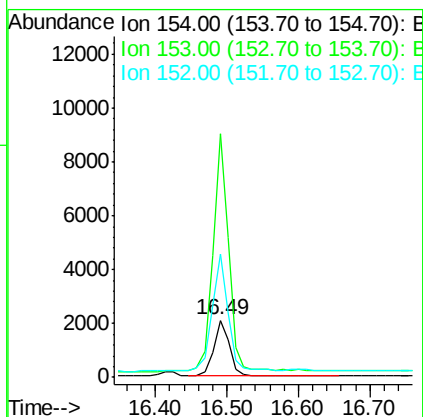
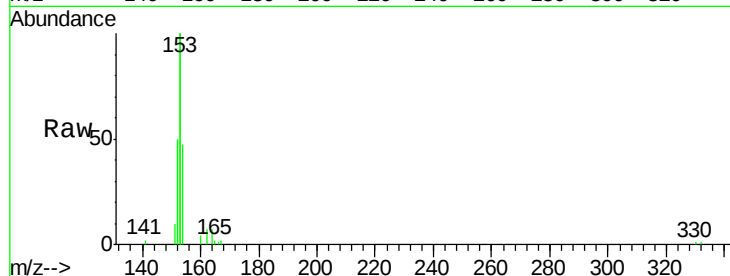
LabSampleId :

SSTDIC0.2

Tgt Ion:	154	Resp:	3187
Ion Ratio	Lower	Upper	
154	100		
153	439.1	345.8	518.8
152	215.6	168.6	252.8

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#12

Fluorene

Concen: 0.20 ng

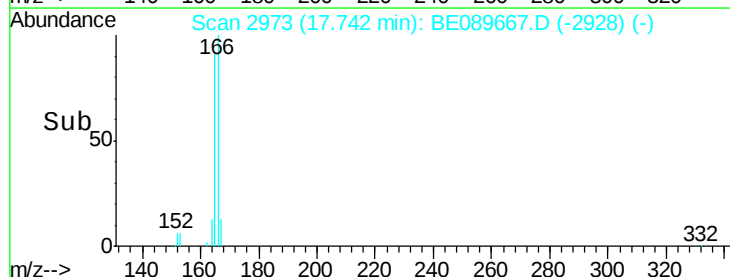
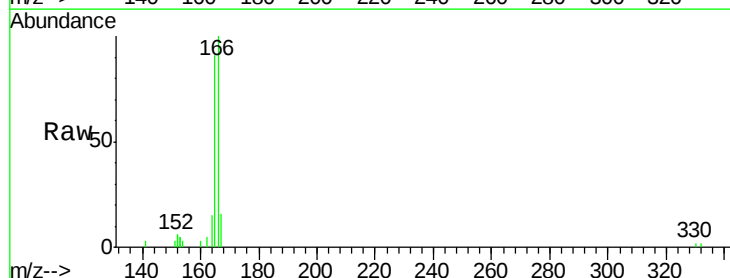
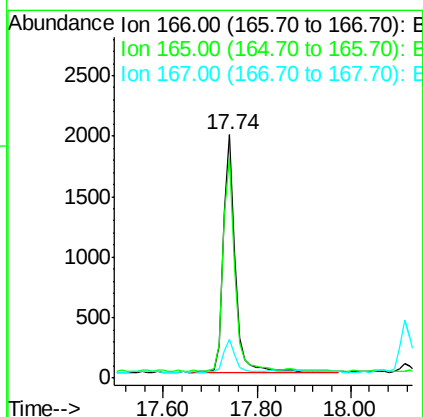
RT: 17.74 min Scan# 2973

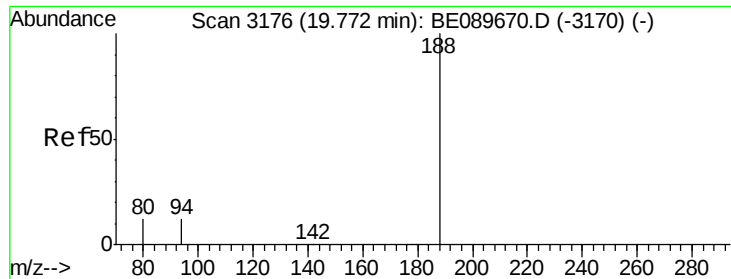
Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	166	Resp:	3406
Ion Ratio	Lower	Upper	
166	100		
165	90.2	73.6	110.4
167	13.4	10.6	16.0





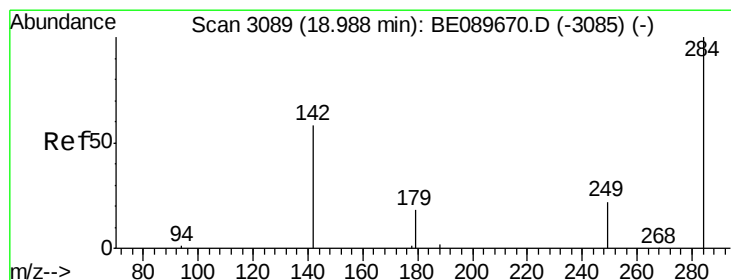
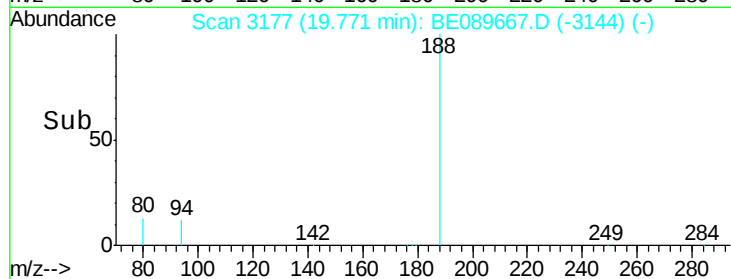
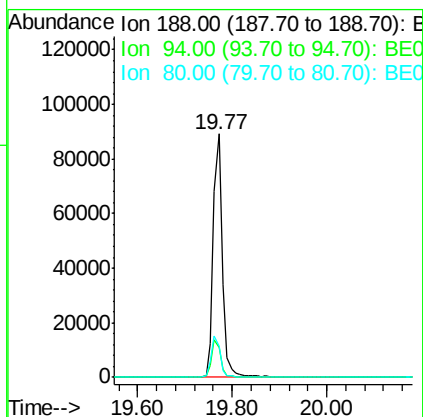
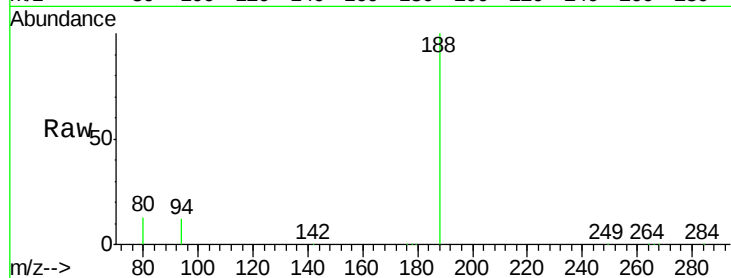
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Instrument :
BNA_E
LabSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	119858		
94	12.4		9.4	14.2
80	12.6		9.5	14.3

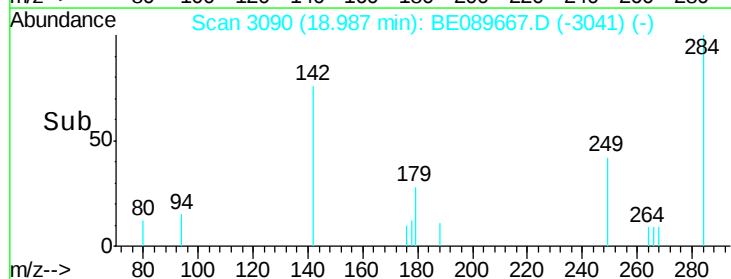
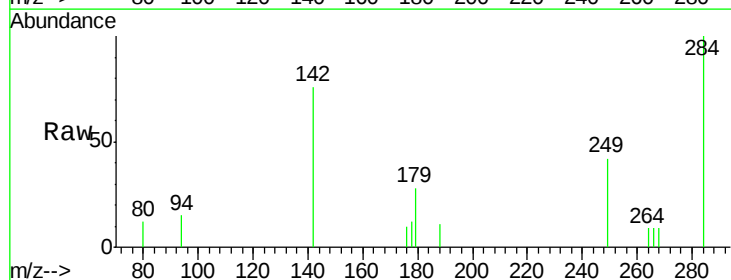
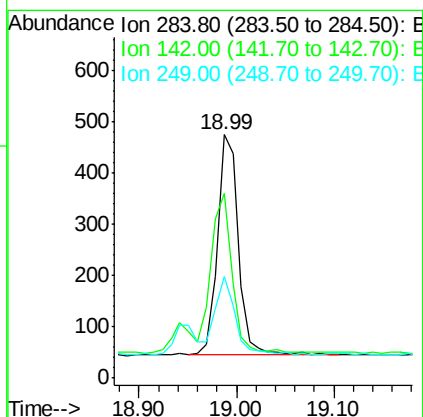
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#14
Hexachlorobenzene
Concen: 0.21 ng
RT: 18.99 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	652		
142	70.9		55.4	83.2
249	32.7		27.2	40.8





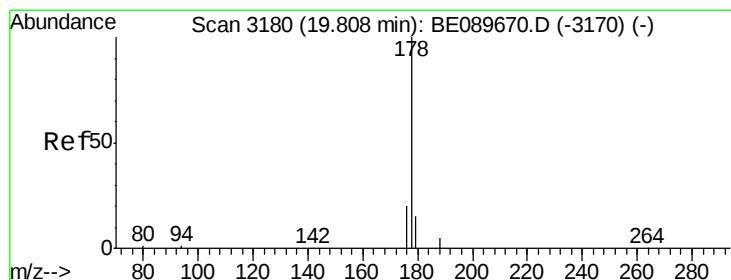
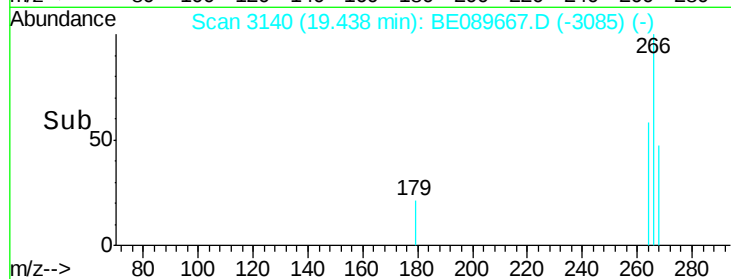
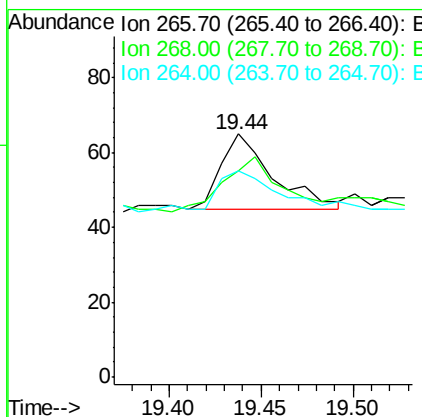
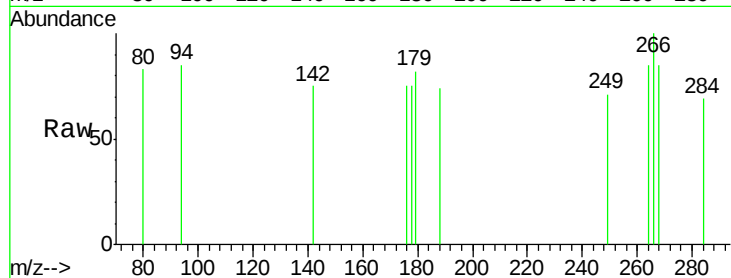
#15
 Pentachlorophenol
 Concen: 0.08 ng
 RT: 19.44 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BE089667.D
 Acq: 24 Feb 2015 12:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
266	100		
268	84.6	56.3	84.5#
264	84.6	51.8	77.8#

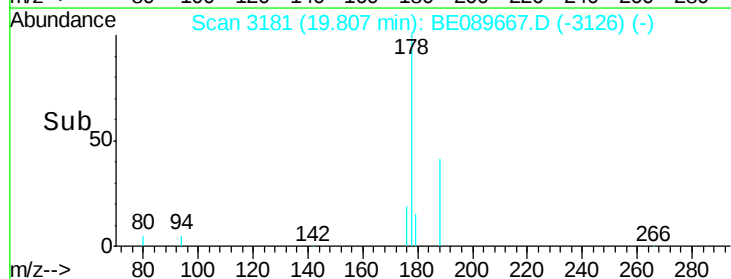
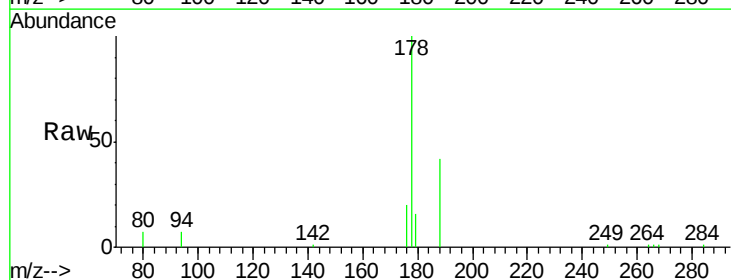
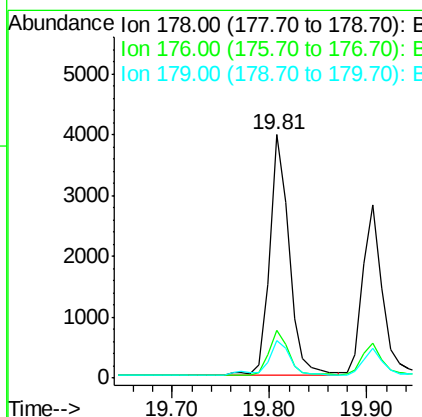
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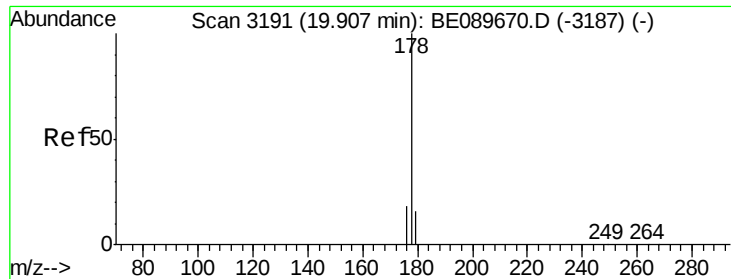
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#16
 Phenanthrene
 Concen: 0.21 ng
 RT: 19.81 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BE089667.D
 Acq: 24 Feb 2015 12:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.3	12.5	18.7





#17

Anthracene

Concen: 0.19 ng

RT: 19.91 min Scan# 3192

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

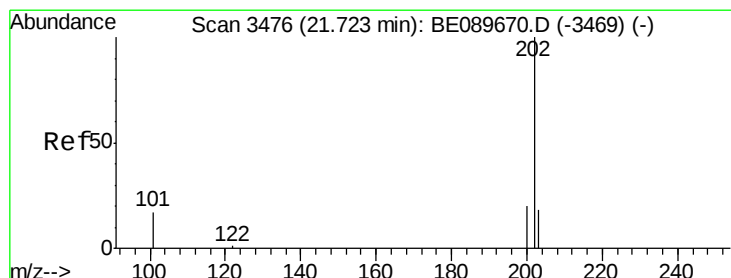
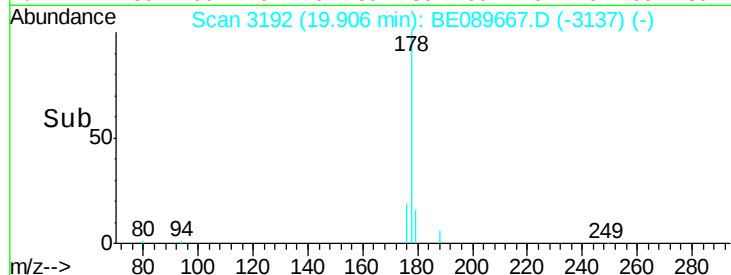
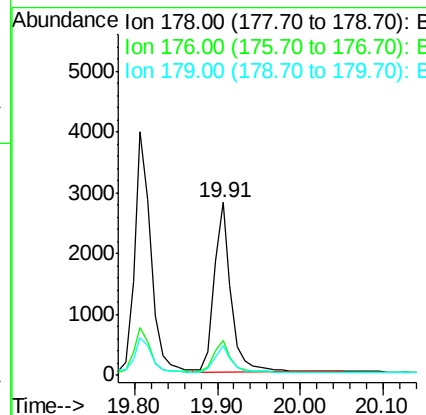
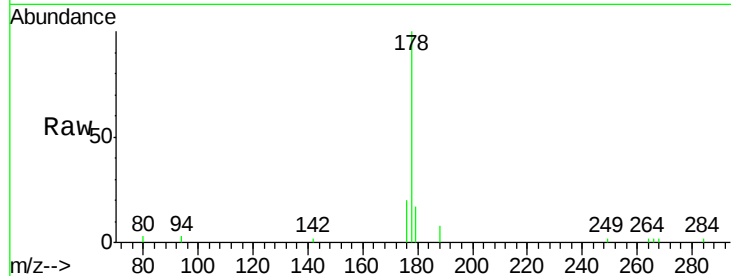
LabSampleId :

SSTDIC0.2

Tgt Ion:	178	Resp:	3999
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.8	22.2
179	15.5	12.2	18.2

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#18

Fluoranthene

Concen: 0.18 ng

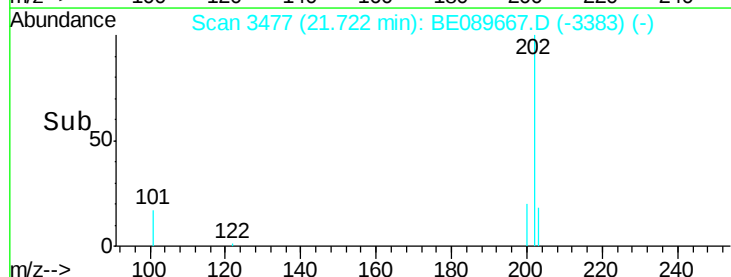
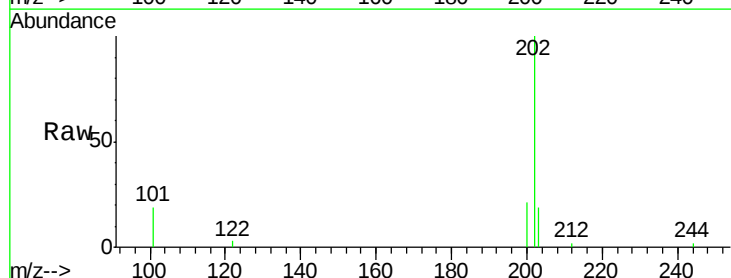
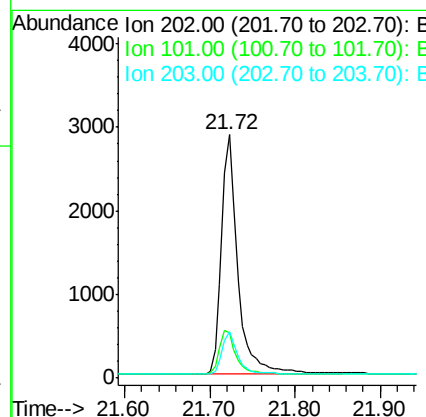
RT: 21.72 min Scan# 3477

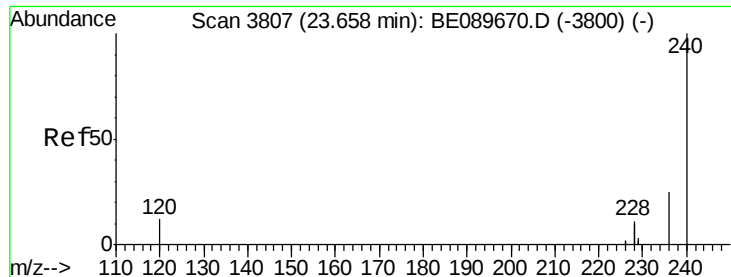
Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	202	Resp:	3834
Ion Ratio	Lower	Upper	
202	100		
101	18.5	14.9	22.3
203	16.8	13.8	20.6





#19

Chrysene-d12

Concen: 5.00 ng

RT: 23.66 min Scan# 3808

Delta R.T. -0.00 min

Lab File: BE089667.D

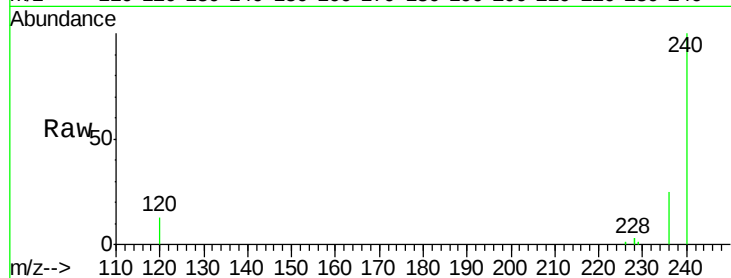
Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

LabSampleId :

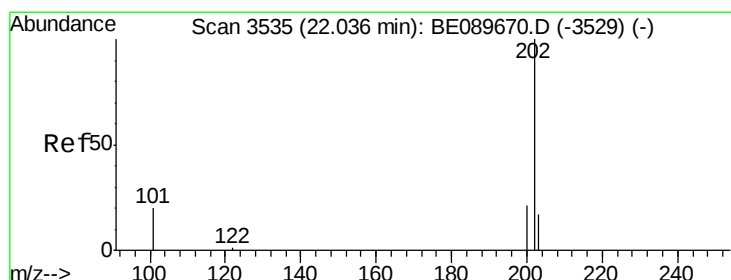
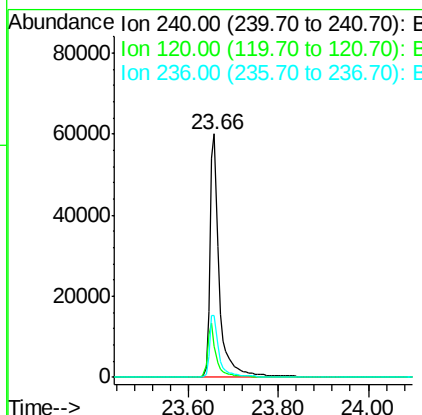
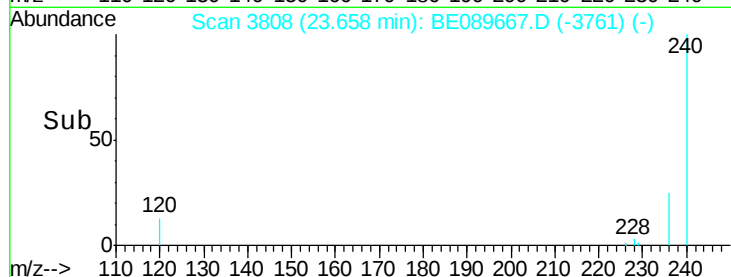
SSTDIC0.2



Tgt Ion:	240	Resp:	85699
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.4	14.0
236	25.2	19.9	29.9

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#20

Pyrene

Concen: 0.20 ng

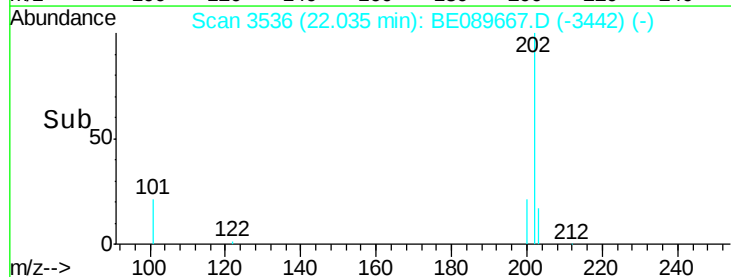
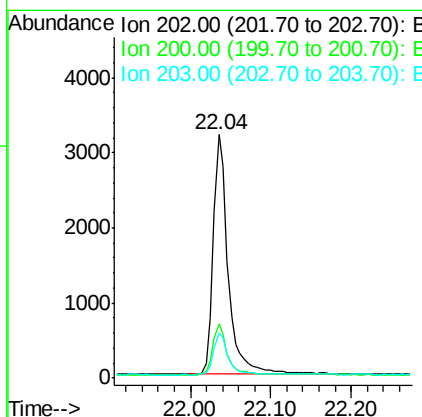
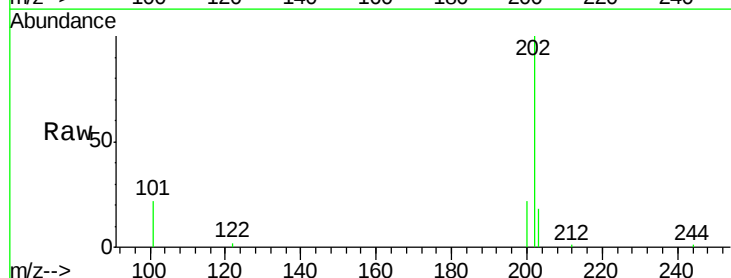
RT: 22.04 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	202	Resp:	4164
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.4	24.6
203	16.8	13.9	20.9





#21

Terphenyl-d14

Concen: 0.19 ng

RT: 22.30 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE089667.D

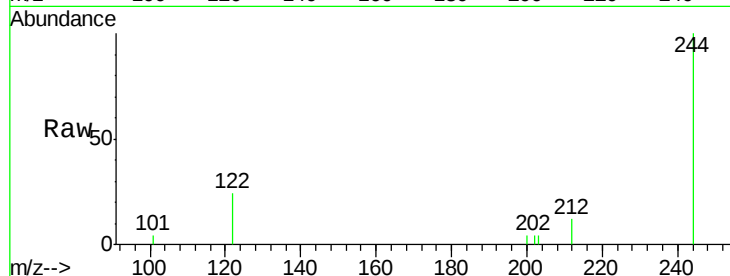
Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2



Tgt Ion:244 Resp: 2059

Ion Ratio Lower Upper

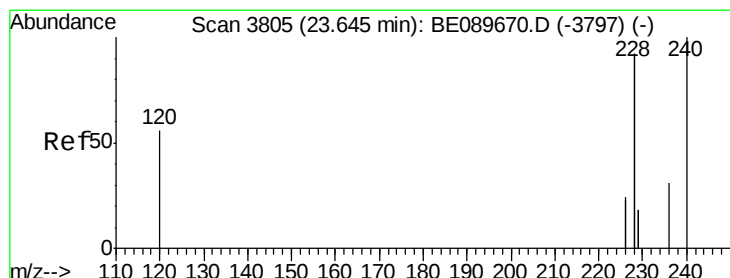
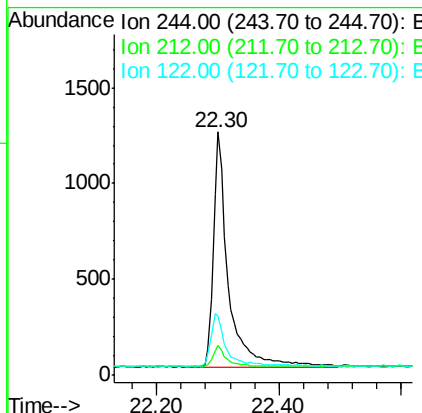
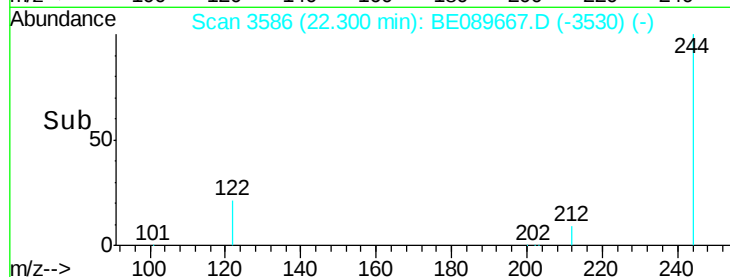
244 100

212 12.1 7.0 10.6#

122 24.1 15.4 23.0#

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#22

Benzo(a)anthracene

Concen: 0.18 ng

RT: 23.64 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

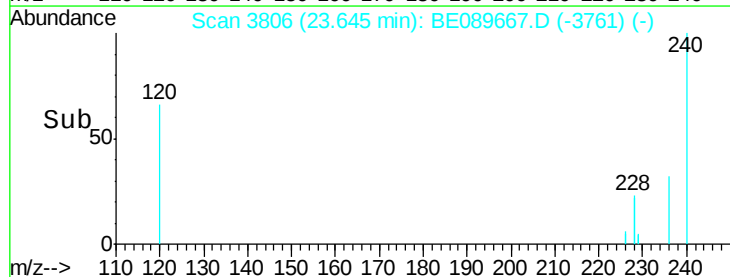
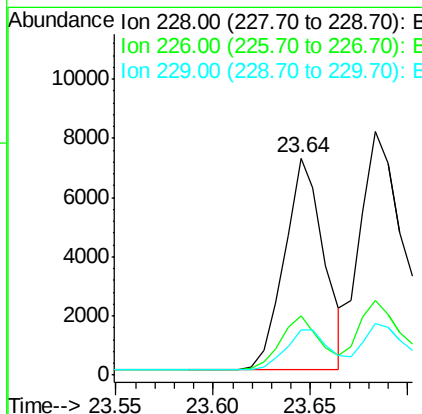
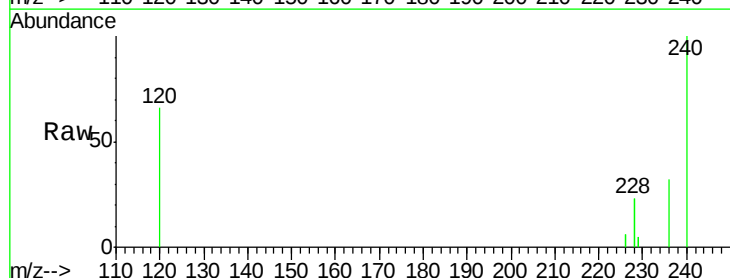
Tgt Ion:228 Resp: 10118

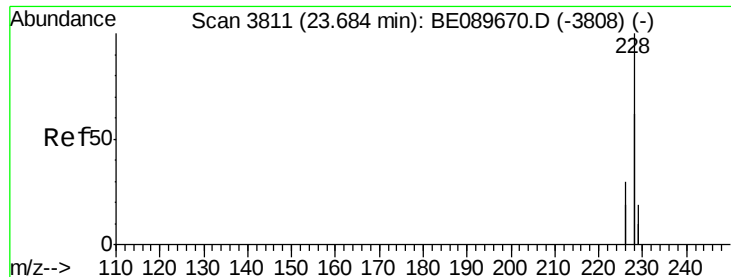
Ion Ratio Lower Upper

228 100

226 27.5 20.6 31.0

229 20.9 15.8 23.6





#23

Chrysene

Concen: 0.22 ng

RT: 23.68 min Scan# 3812

Delta R.T. -0.00 min

Lab File: BE089667.D

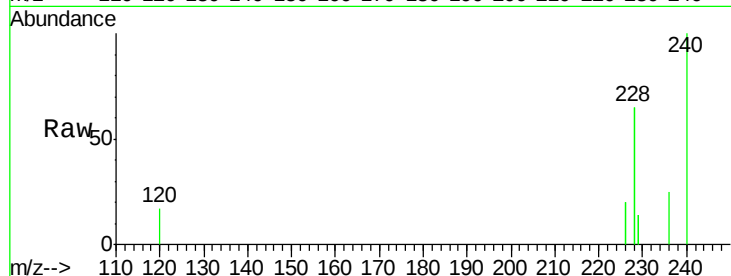
Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

LabSampleId :

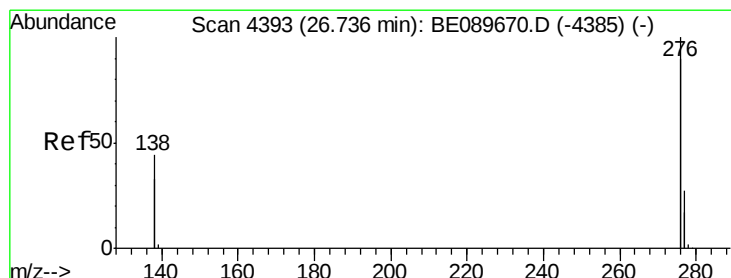
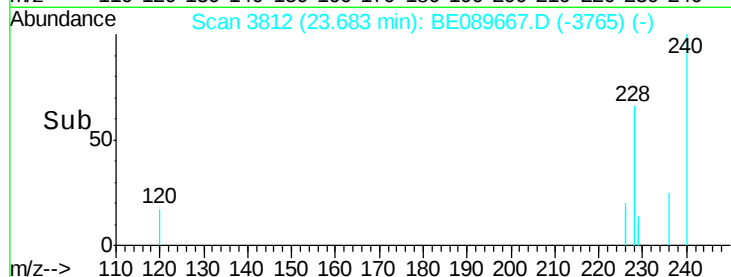
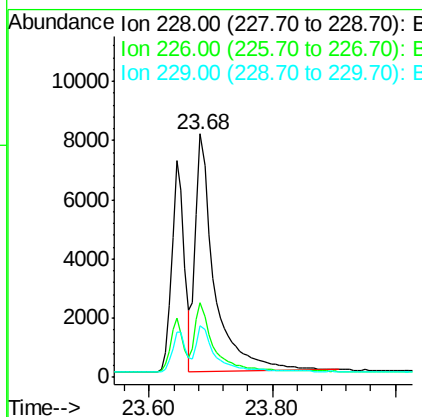
SSTDIC0.2



Tgt Ion:	228	Resp:	16863
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.6	35.4
229	21.4	15.3	22.9

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng

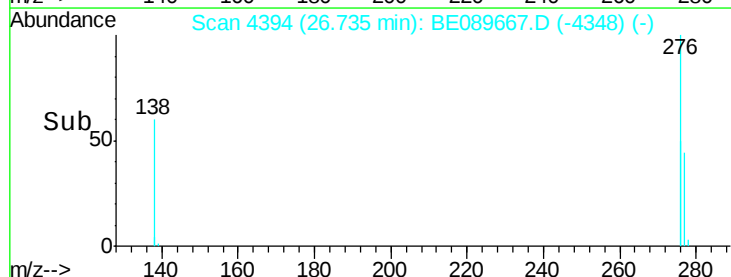
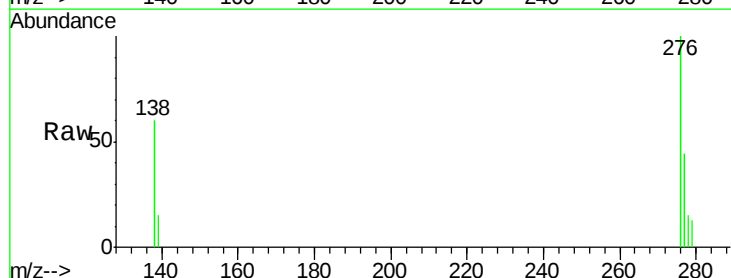
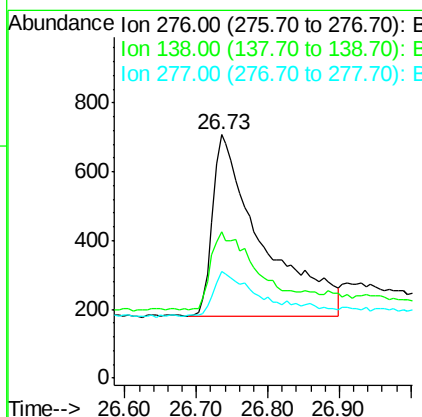
RT: 26.73 min Scan# 4394

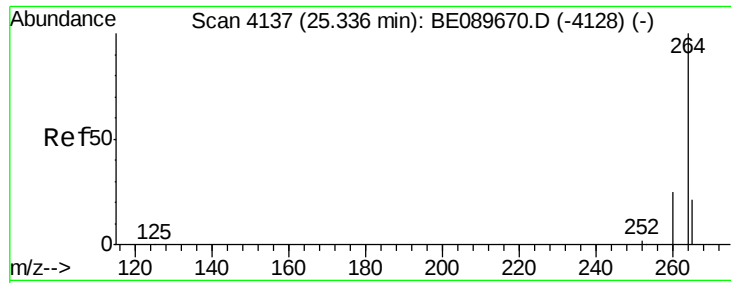
Delta R.T. -0.00 min

Lab File: BE089667.D

Acq: 24 Feb 2015 12:25

Tgt Ion:	276	Resp:	2533
Ion Ratio	Lower	Upper	
276	100		
138	40.2	0.0	0.0#
277	19.7	5.2	7.8#





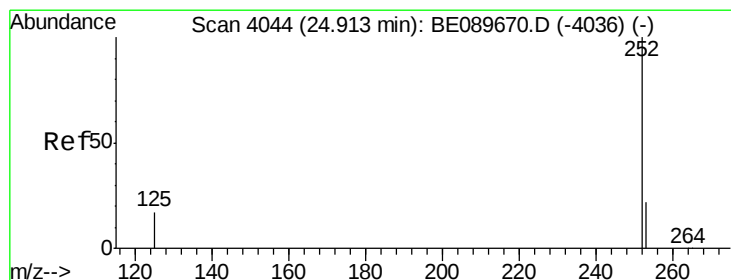
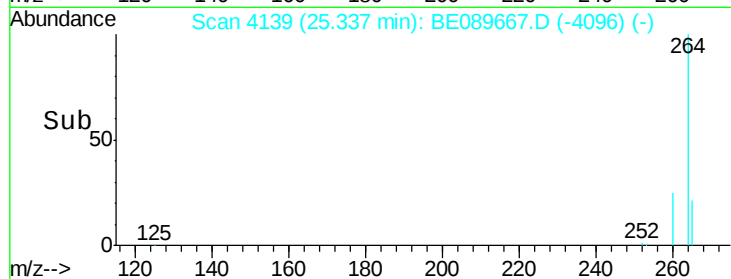
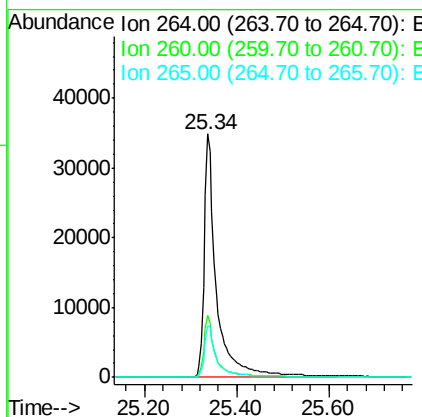
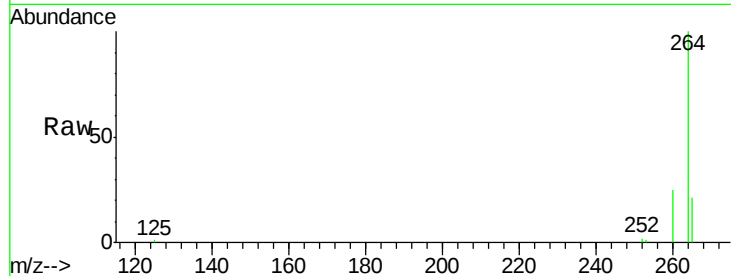
#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.34 min Scan# 4139
 Delta R.T. 0.00 min
 Lab File: BE089667.D
 Acq: 24 Feb 2015 12:25

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	21.2	17.0	25.4

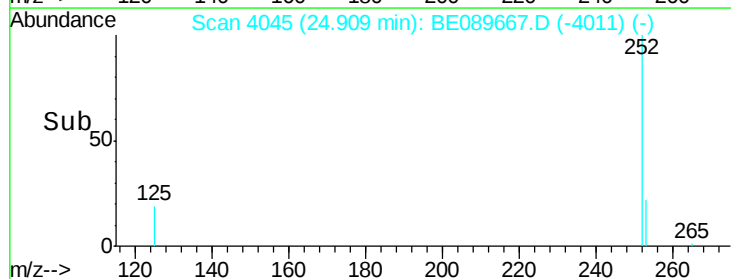
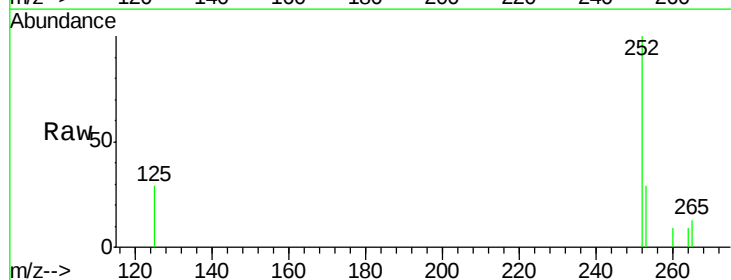
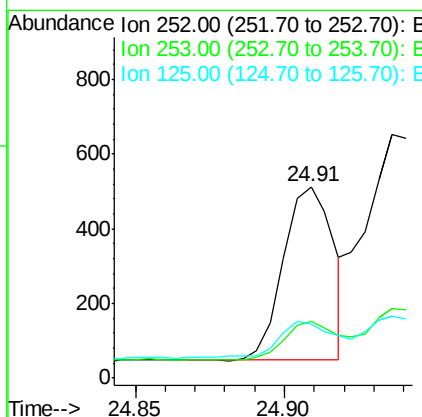
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#26
 Benzo(b)fluoranthene
 Concen: 0.09 ng
 RT: 24.91 min Scan# 4045
 Delta R.T. -0.00 min
 Lab File: BE089667.D
 Acq: 24 Feb 2015 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	18.6	27.8#
125	28.5	15.0	22.6#





#27

Benzo(k)fluoranthene

Concen: 0.14 ng m

RT: 24.94 min Scan# 4051

Delta R.T. -0.00 min

Lab File: BE089667.D

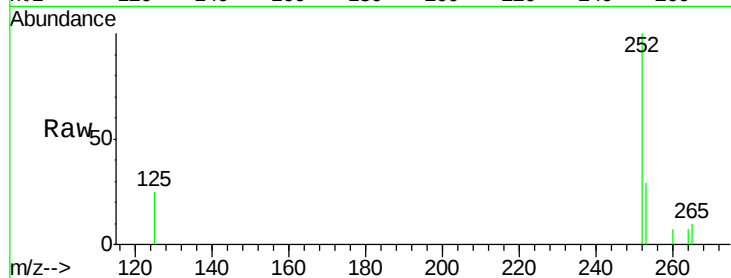
Acq: 24 Feb 2015 12:25

Instrument :

BNA_E

LabSampleId :

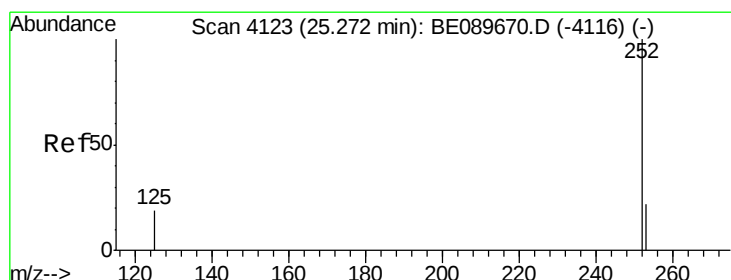
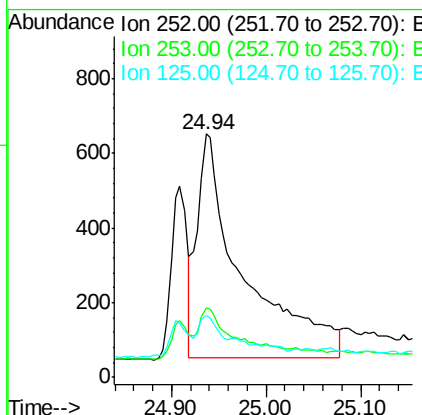
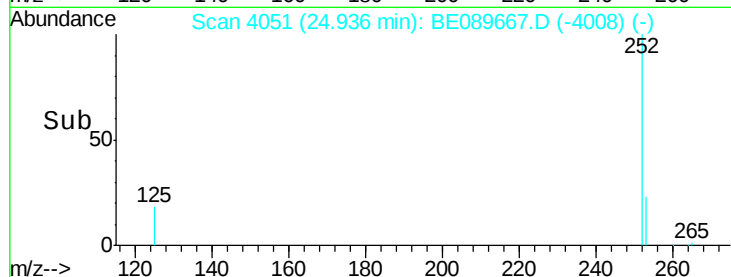
SSTDIC0.2



Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.0	27.0#
125	25.2	14.3	21.5#

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#28

Benzo(a)pyrene

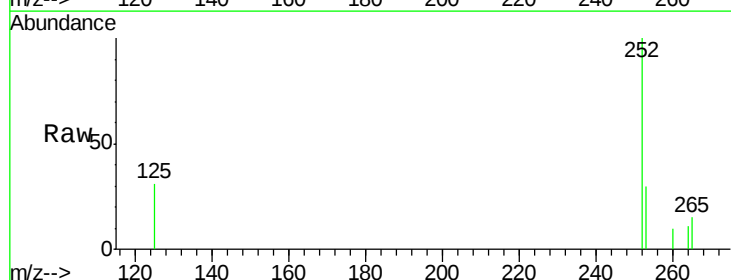
Concen: 0.10 ng

RT: 25.27 min Scan# 4124

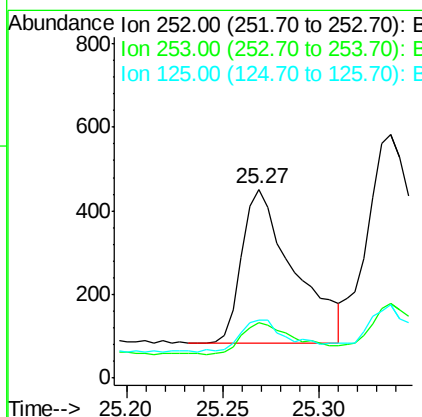
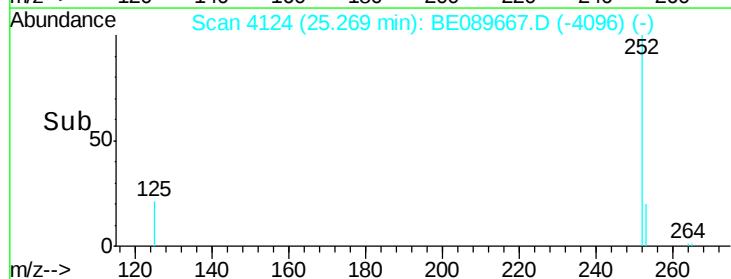
Delta R.T. -0.00 min

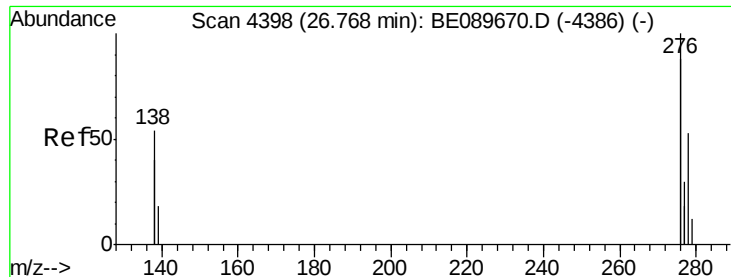
Lab File: BE089667.D

Acq: 24 Feb 2015 12:25



Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.8	28.2#
125	30.8	16.6	24.8#





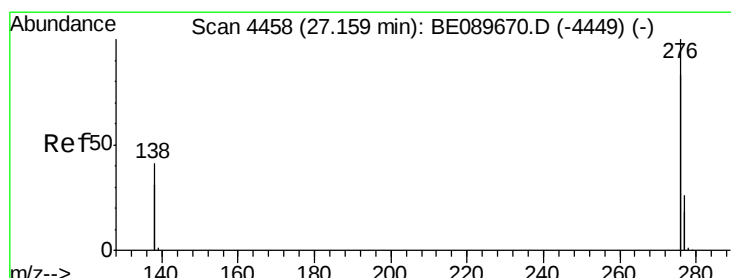
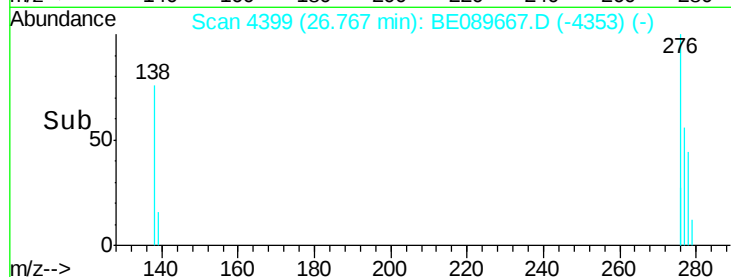
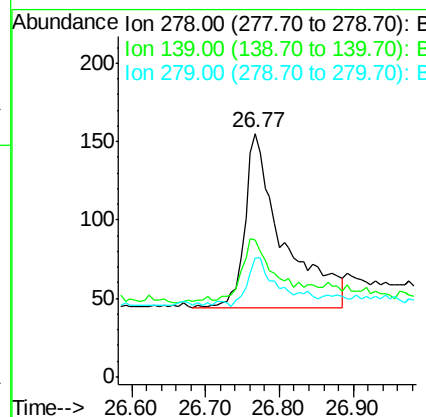
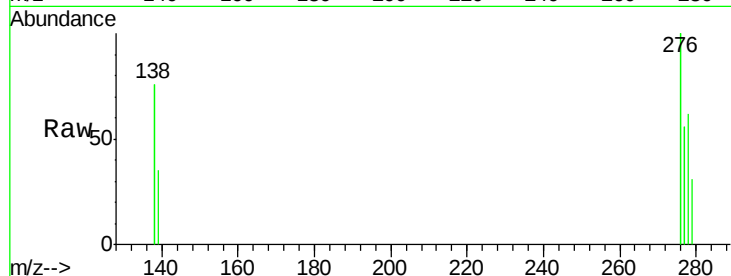
#29
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 26.77 min Scan# 4399
Delta R.T. -0.00 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Instrument :
BNA_E
LabSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	56.1	30.4	45.6#
279	49.0	22.0	33.0#

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#30
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.15 min Scan# 4458
Delta R.T. -0.01 min
Lab File: BE089667.D
Acq: 24 Feb 2015 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	38.1	21.0	31.6#
138	55.1	33.0	49.4#

