

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
 Data File : BE089339.D
 Acq On : 7 Jan 2015 21:32
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

Manual Integrations
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Quant Time: Jan 08 05:44:51 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 05:21:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	17382	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	67158	5.00	ng	0.00
6) Acenaphthene-d10	10.66	164	31412	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	48547	5.00	ng	0.00
15) Chrysene-d12	18.07	240	35810	5.00	ng	0.00
21) Perylene-d12	21.12	264	32891	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.65	82	3839	0.91	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	7052	0.86	ng	0.00
17) Terphenyl-d14	15.85	244	5196	0.98	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.54	128	12609	0.94	ng	99
5) 2-Methylnaphthalene	9.39	142	7936	0.99	ng	96
8) Acenaphthylene	10.47	152	44670	1.00	ng	99
9) Acenaphthene	10.69	154	6925	1.00	ng	90
10) Fluorene	11.34	166	7465	0.99	ng	99
12) Phenanthrene	12.75	178	42246	0.94	ng	99
13) Anthracene	12.84	178	41220	1.00	ng	99
14) Fluoranthene	14.96	202	9348	0.97	ng	100
16) Pyrene	15.40	202	9878	1.13	ng	100
18) Benzo(a)anthracene	18.04	228	29810	1.01	ng	99
19) Chrysene	18.12	228	30540	1.00	ng	99
20) Indeno(1,2,3-cd)pyrene	23.22	276	29029m	0.99	ng	
22) Benzo(b)fluoranthene	20.37	252	5813	0.89	ng	99
23) Benzo(k)fluoranthene	20.42	252	7630	0.91	ng	99
24) Benzo(a)pyrene	21.01	252	5775	0.93	ng	100
25) Dibenzo(a,h)anthracene	23.30	278	5378	0.83	ng	100
26) Benzo(g,h,i)perylene	23.80	276	27096	0.92	ng	100

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

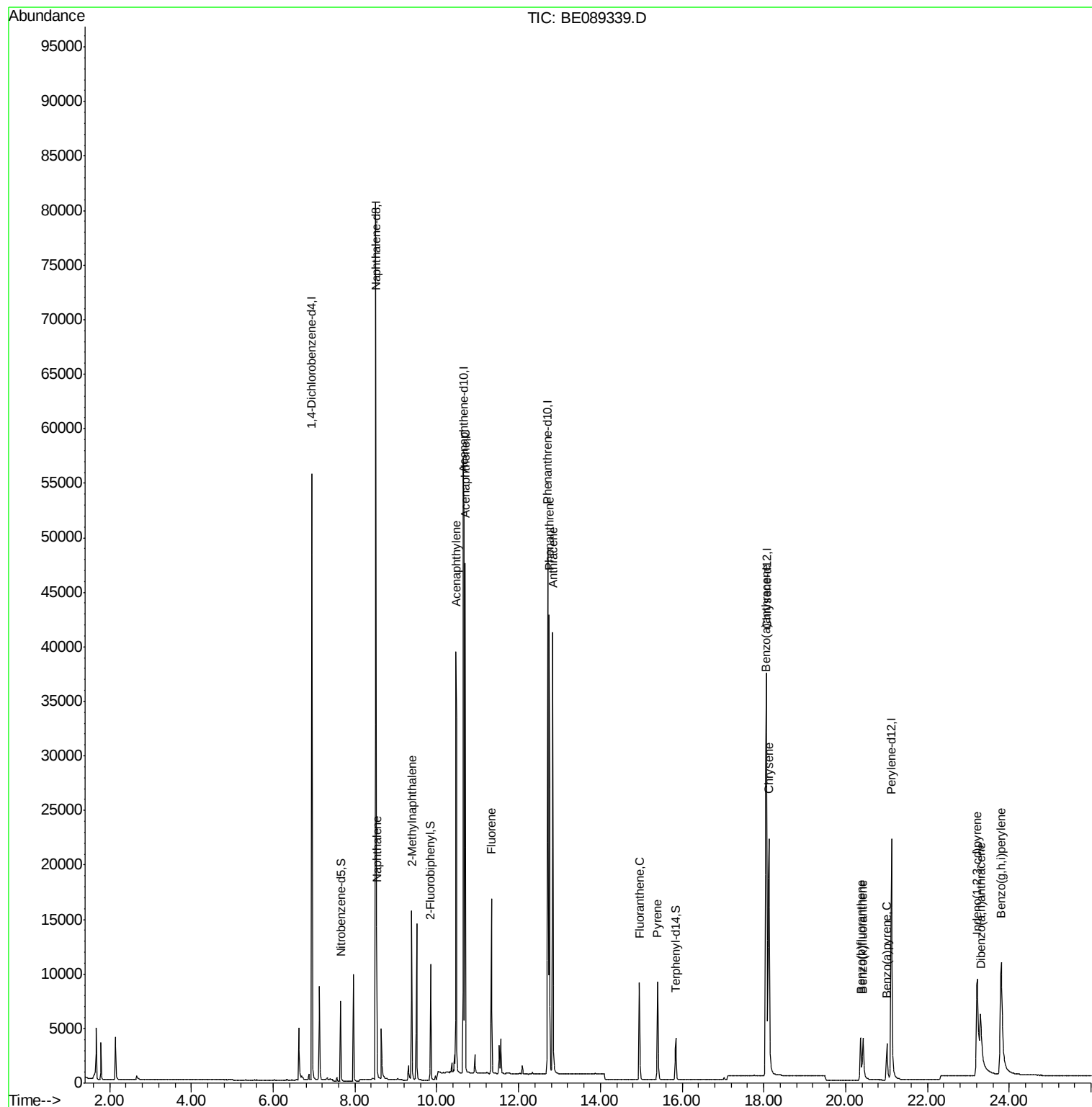
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089339.D
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Sample : SSTDICC0.8
Misc :
ALS Vial : 15 Sample Multiplier: 1

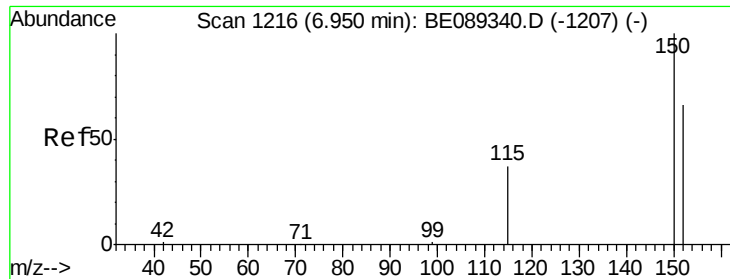
Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BE089339.D

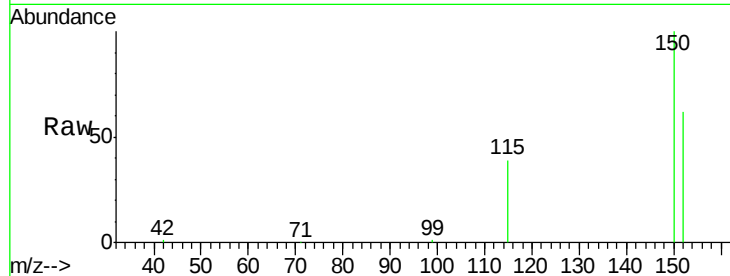
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

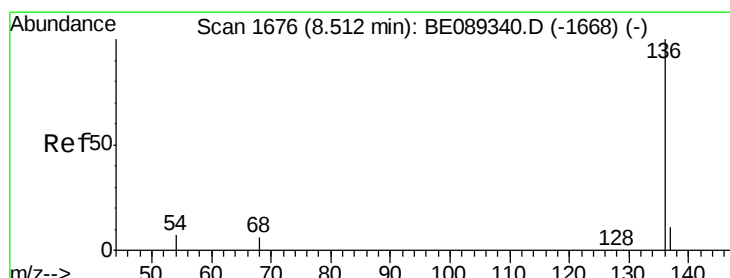
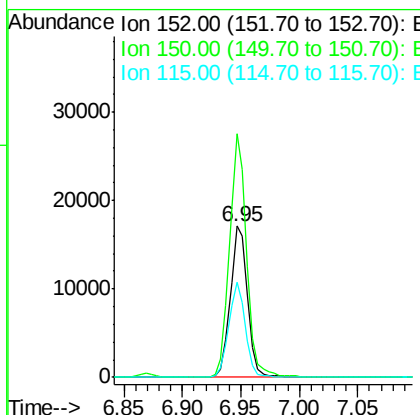
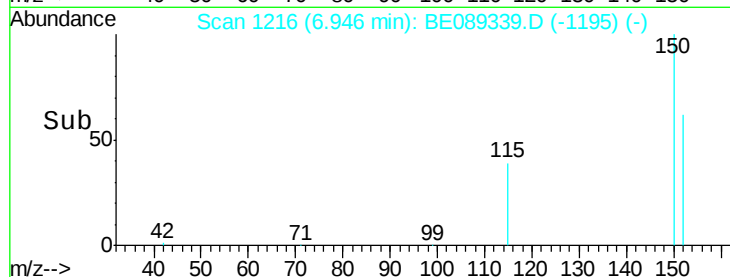
SSTDIC0.8



Tgt Ion:	152	Resp:	17382
Ion Ratio	Lower	Upper	
152	100		
150	161.2	121.5	182.3
115	62.7	45.2	67.8

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#2

Naphthalene-d8

Concen: 5.00 ng

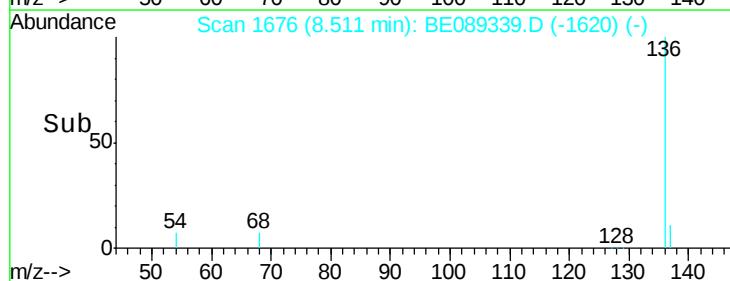
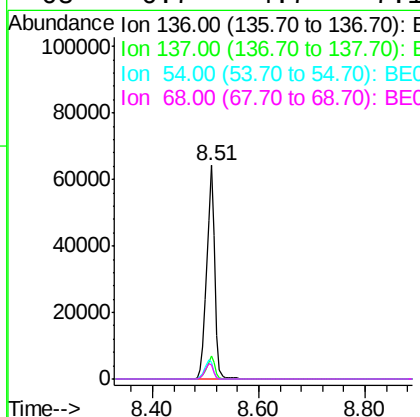
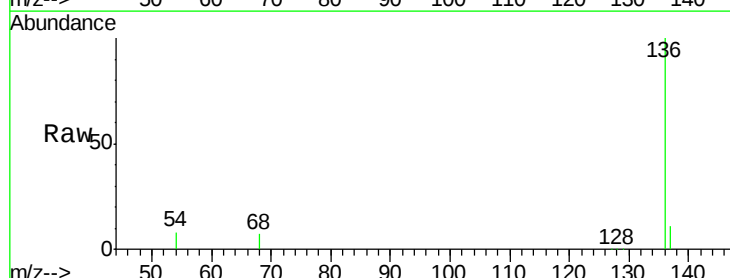
RT: 8.51 min Scan# 1676

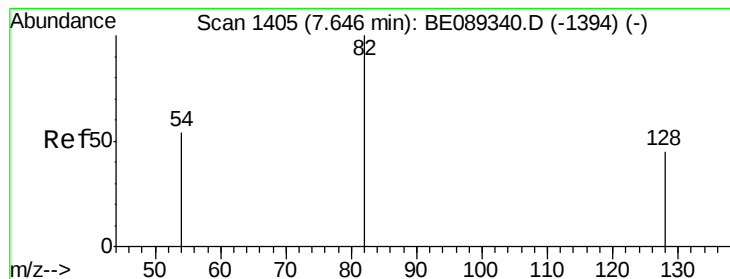
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	136	Resp:	67158
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.6	5.4	8.0
68	6.7	4.7	7.1





#3

Nitrobenzene-d5

Concen: 0.91 ng

RT: 7.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

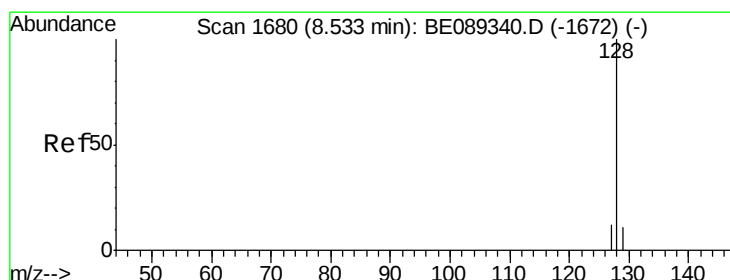
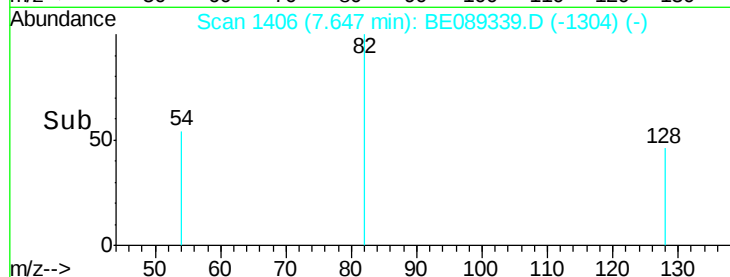
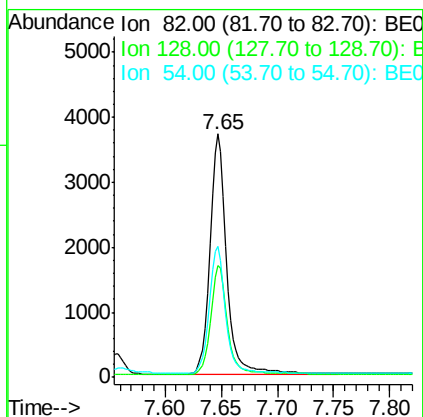
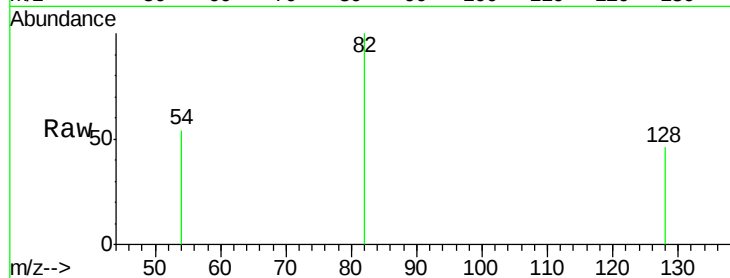
LabSampleId :

SSTDIC0.8

Tgt Ion:	82	Resp:	3839
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.5	54.7
54	54.0	43.5	65.3

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#4

Naphthalene

Concen: 0.94 ng

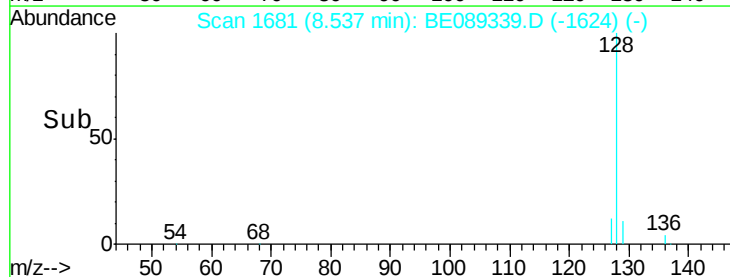
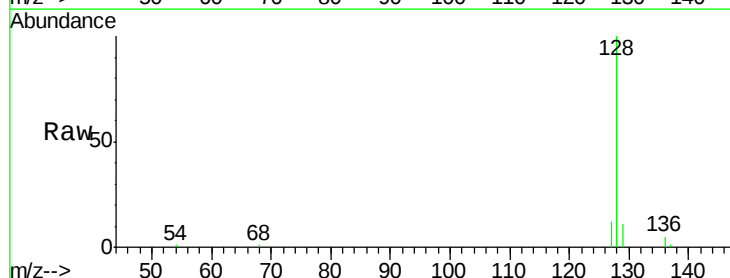
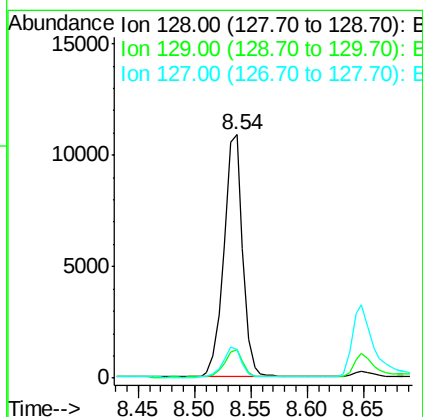
RT: 8.54 min Scan# 1681

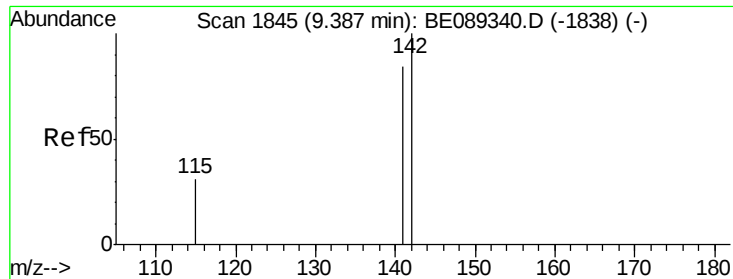
Delta R.T. 0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	128	Resp:	12609
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.0	10.0	15.0





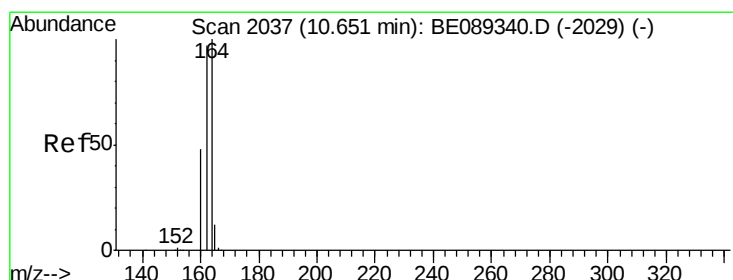
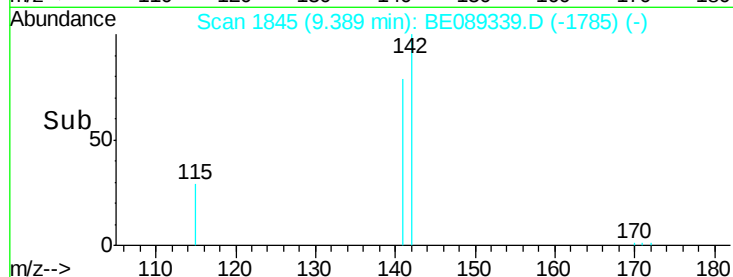
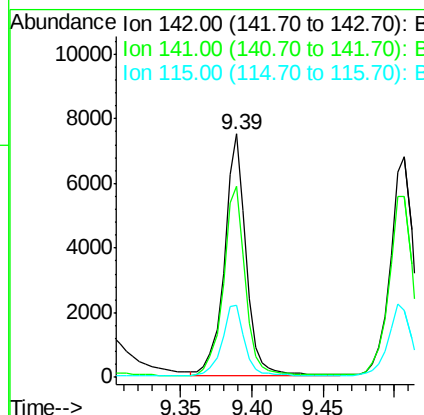
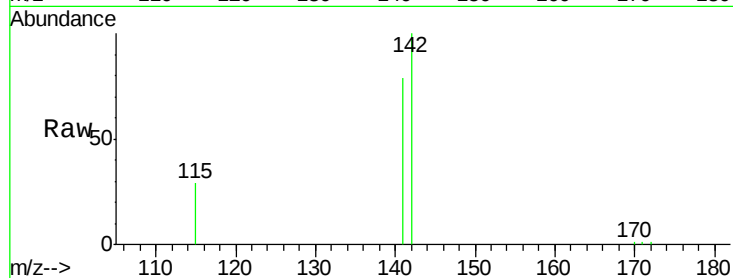
#5
2-Methylnaphthalene
Concen: 0.99 ng
RT: 9.39 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.7	66.3	99.5
115	29.5	25.2	37.8

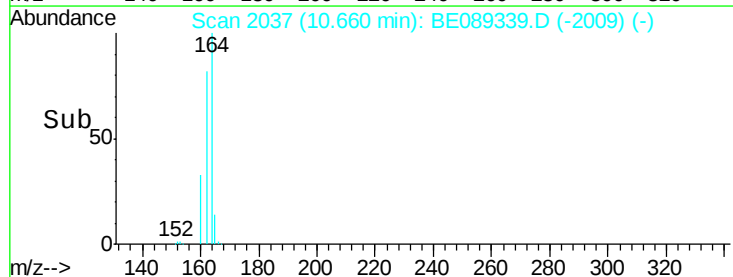
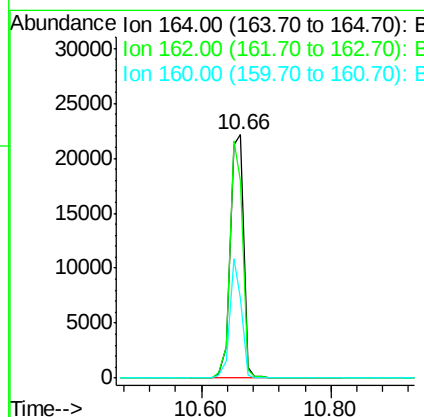
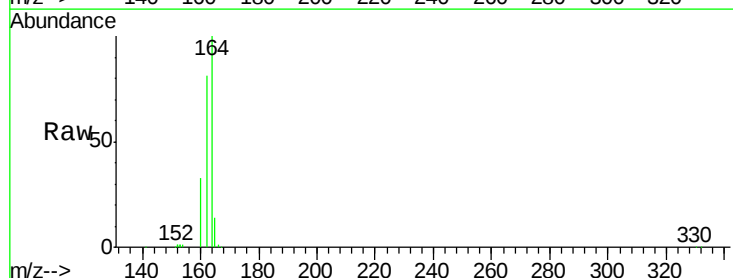
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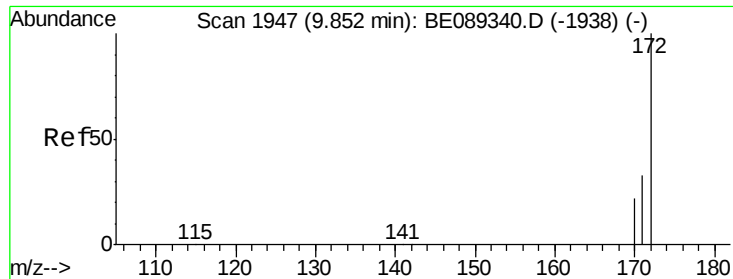
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#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	81.0	77.4	116.2
160	32.9	38.2	57.4#





#7

2-Fluorobiphenyl

Concen: 0.86 ng

RT: 9.85 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE089339.D

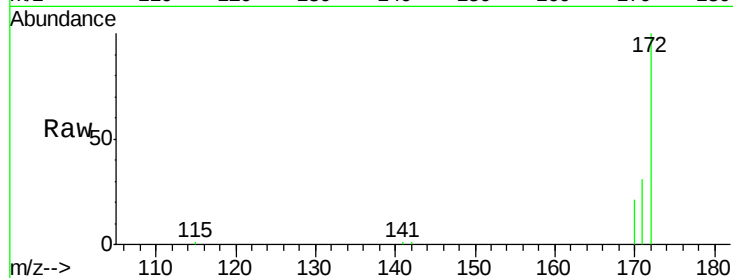
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

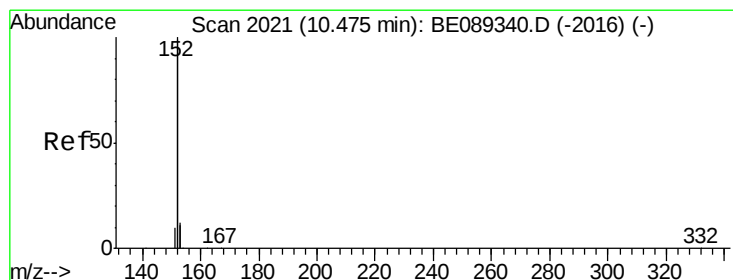
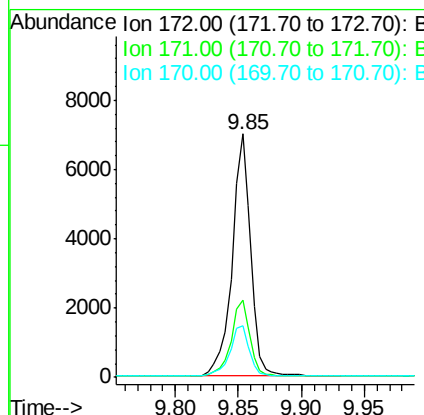
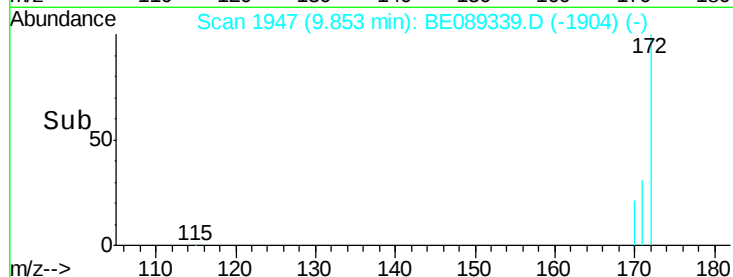
SSTDIC0.8



Tgt Ion:	172	Resp:	7052
Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.4	39.6
170	21.1	18.0	27.0

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#8

Acenaphthylene

Concen: 1.00 ng

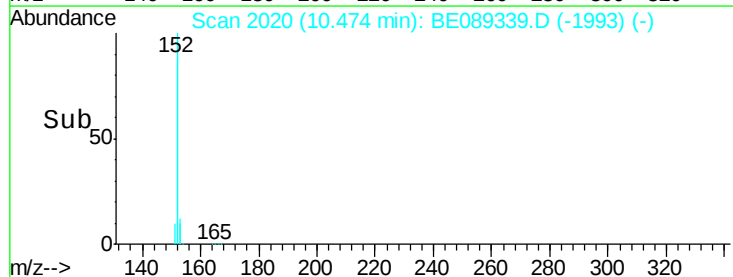
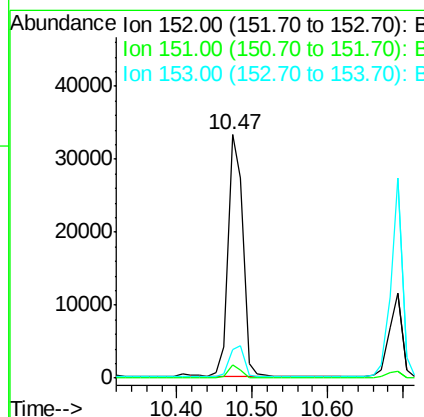
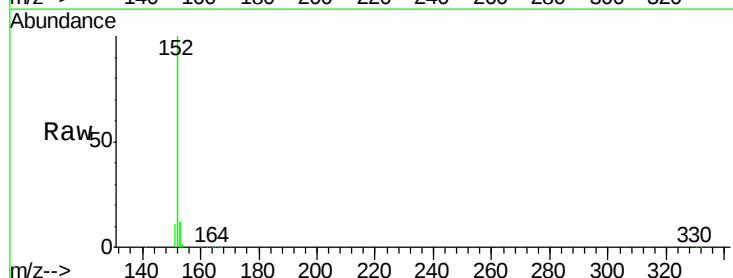
RT: 10.47 min Scan# 2020

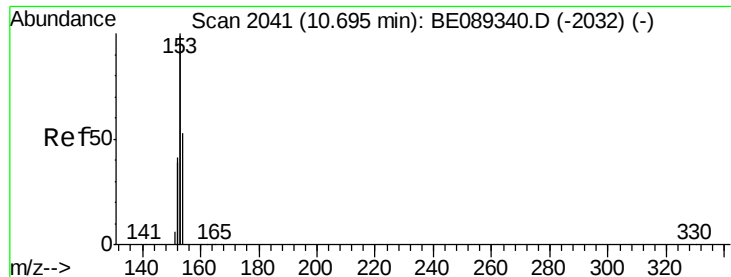
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	152	Resp:	44670
Ion	Ratio	Lower	Upper
152	100		
151	5.4	4.1	6.1
153	11.6	9.8	14.6





#9

Acenaphthene

Concen: 1.00 ng

RT: 10.69 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BE089339.D

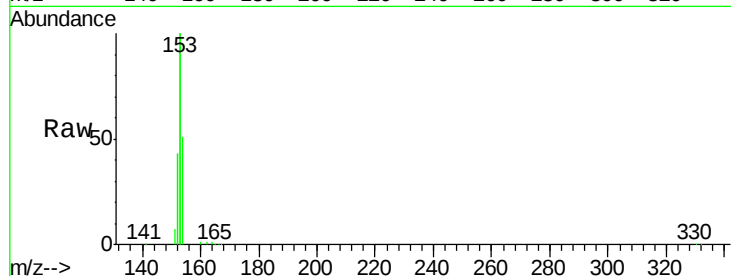
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

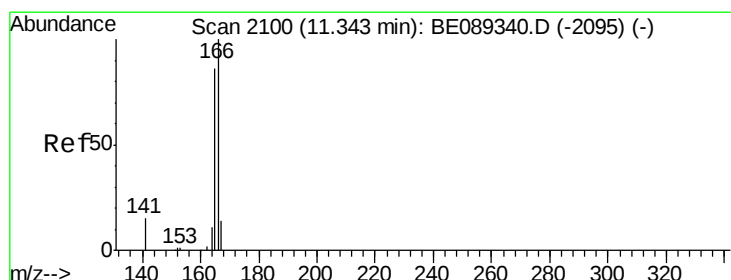
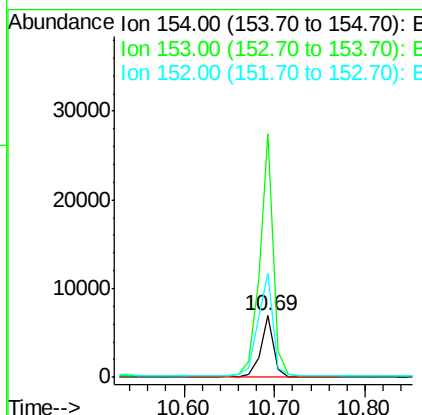
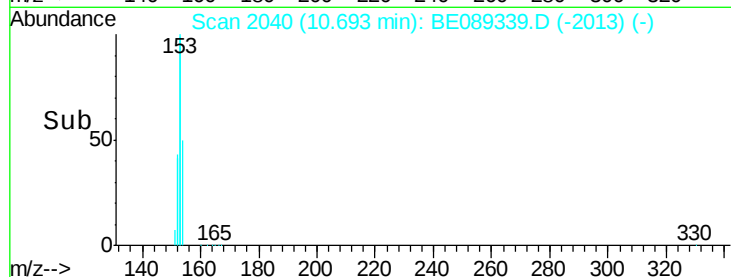
SSTDIC0.8



Tgt Ion:	154	Resp:	6925
Ion Ratio	Lower	Upper	
154	100		
153	395.6	300.6	450.8
152	168.9	123.3	184.9

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#10

Fluorene

Concen: 0.99 ng

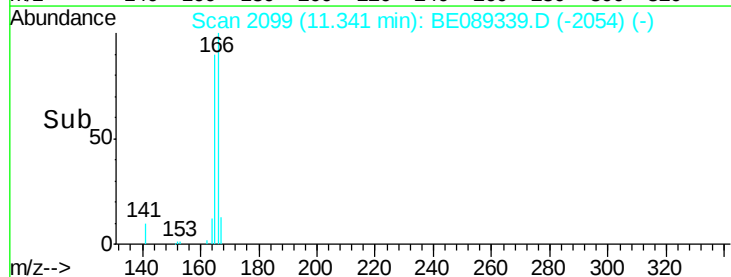
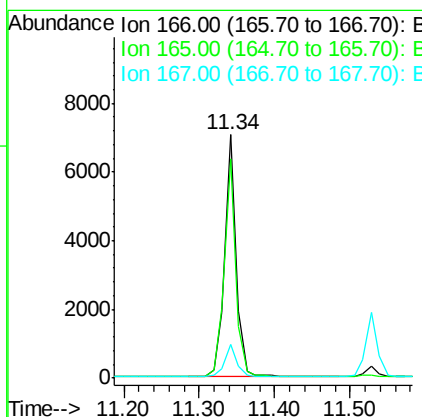
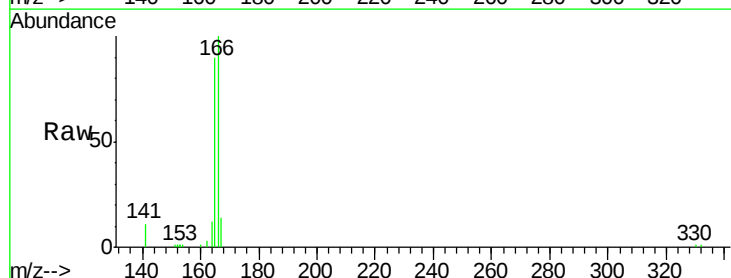
RT: 11.34 min Scan# 2099

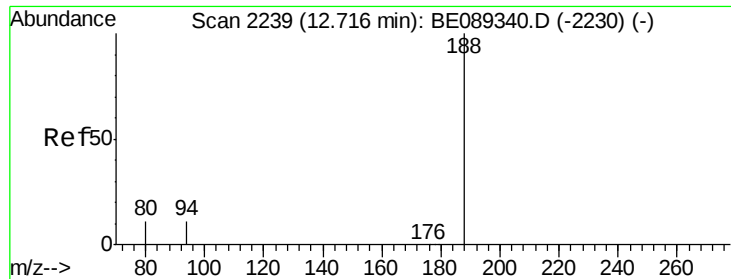
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	166	Resp:	7465
Ion Ratio	Lower	Upper	
166	100		
165	90.8	72.1	108.1
167	13.6	11.0	16.4





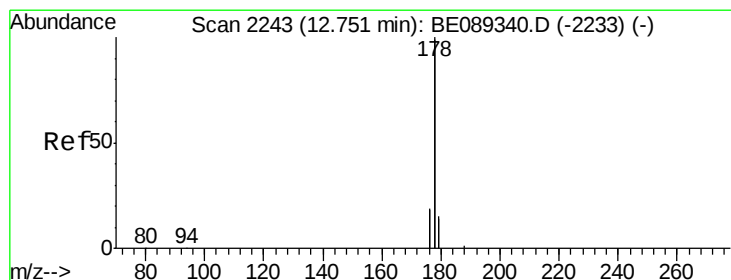
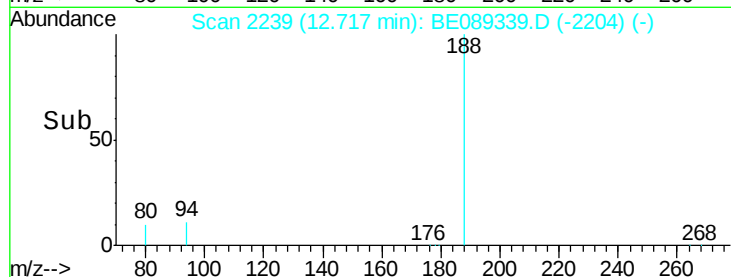
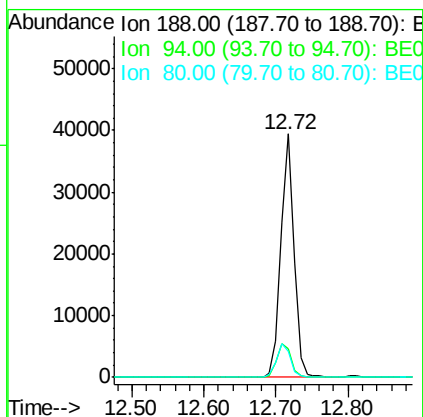
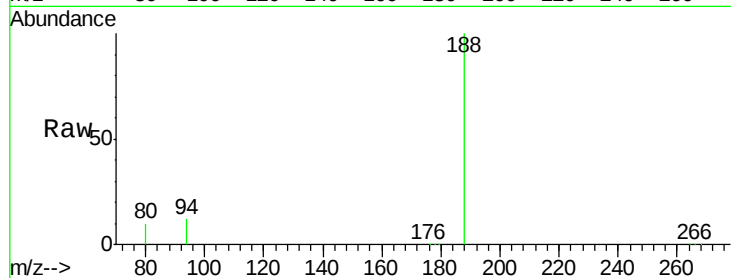
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	11.0	12.2
80	10.4	10.1	11.1

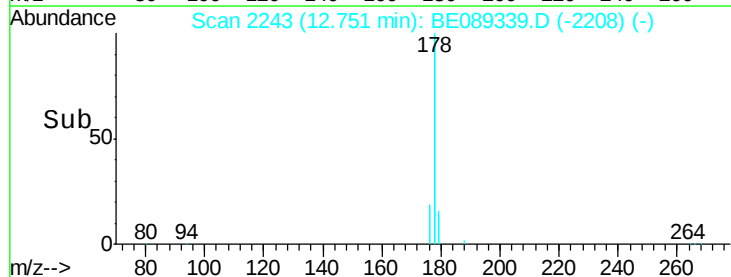
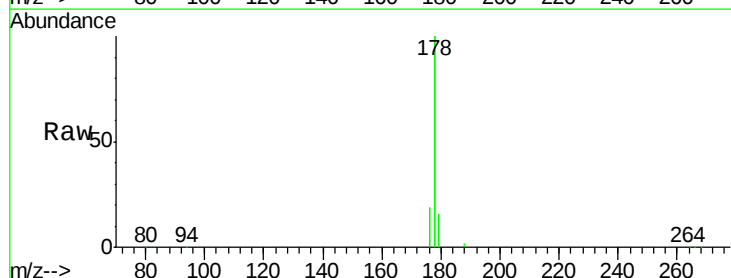
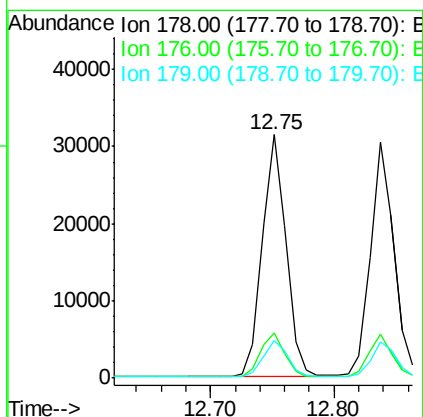
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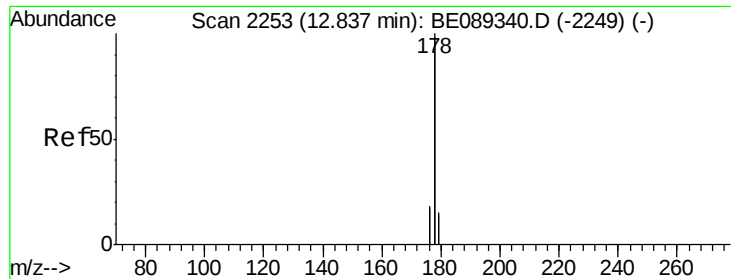
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#12
Phenanthrene
Concen: 0.94 ng
RT: 12.75 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.6	12.2	18.2





#13

Anthracene

Concen: 1.00 ng

RT: 12.84 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BE089339.D

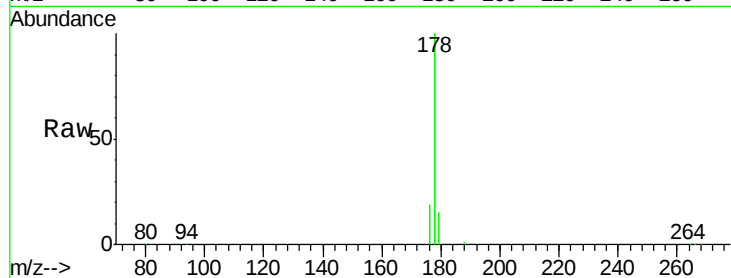
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

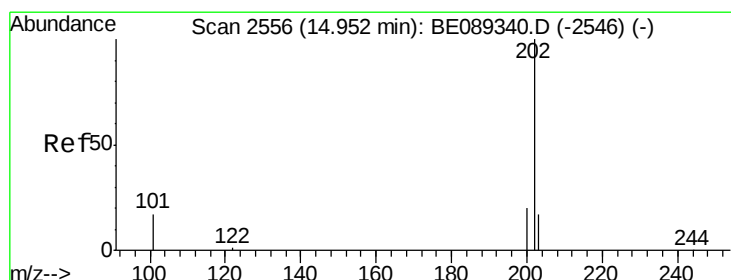
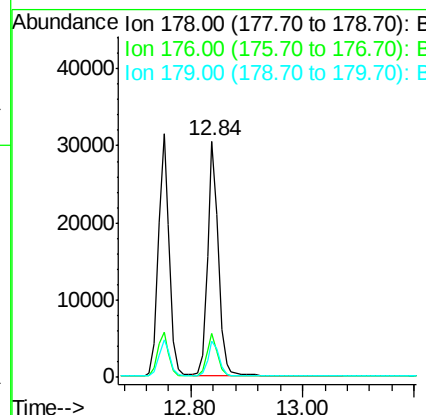
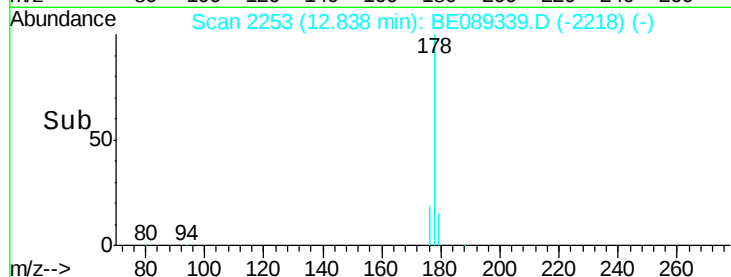
SSTDIC0.8



Tgt Ion:	178	Resp:	41220
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.7	22.1
179	15.3	12.0	18.0

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#14

Fluoranthene

Concen: 0.97 ng

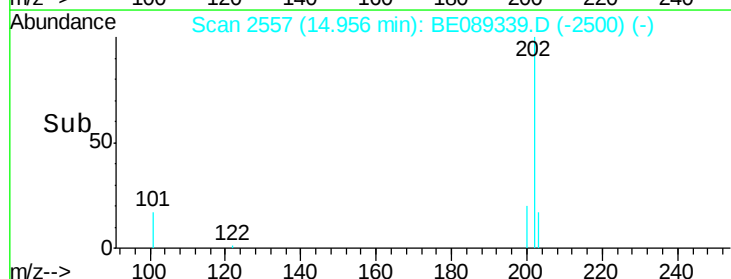
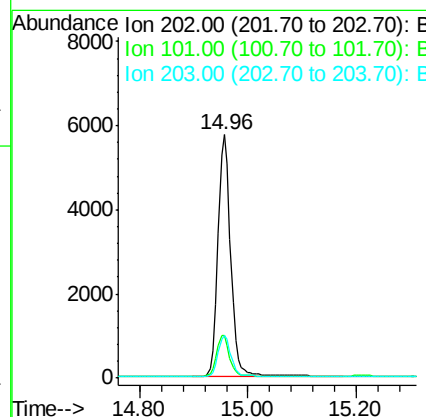
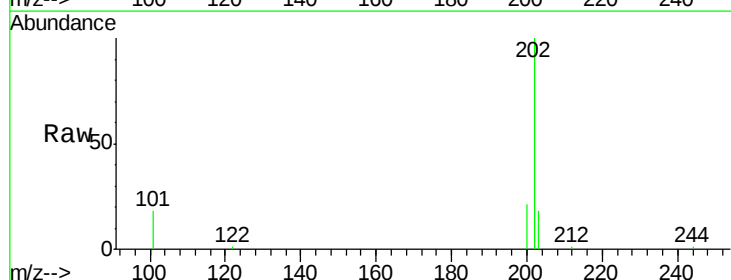
RT: 14.96 min Scan# 2557

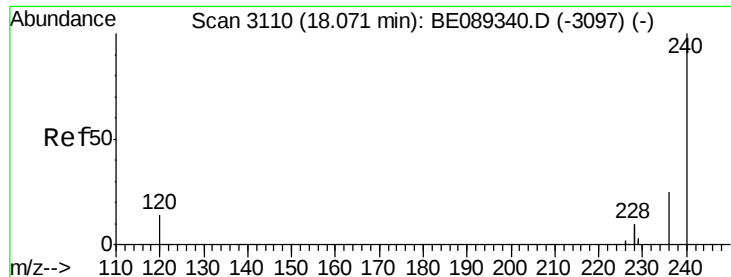
Delta R.T. 0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	202	Resp:	9348
Ion Ratio	Lower	Upper	
202	100		
101	17.8	0.0	37.9
203	17.7	0.0	37.5





#15

Chrysene-d12

Concen: 5.00 ng

RT: 18.07 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE089339.D

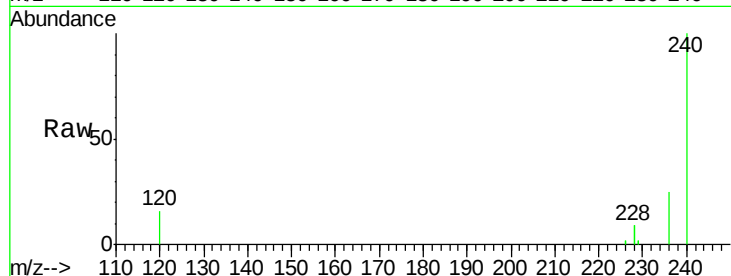
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

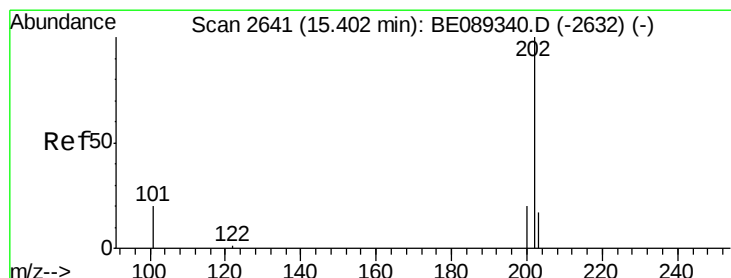
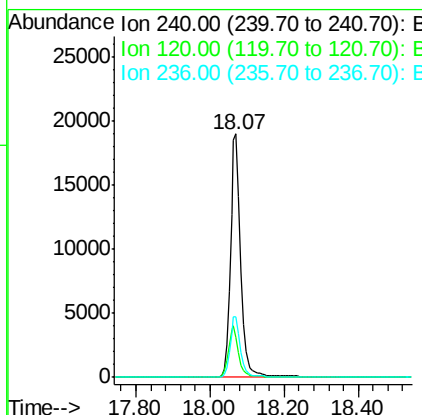
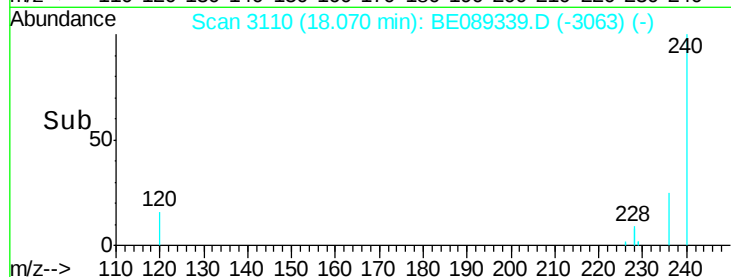
SSTDIC0.8



Tgt Ion:	240	Resp:	35810
Ion Ratio	Lower	Upper	
240	100		
120	16.4	11.8	17.6
236	24.9	20.0	30.0

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#16

Pyrene

Concen: 1.13 ng

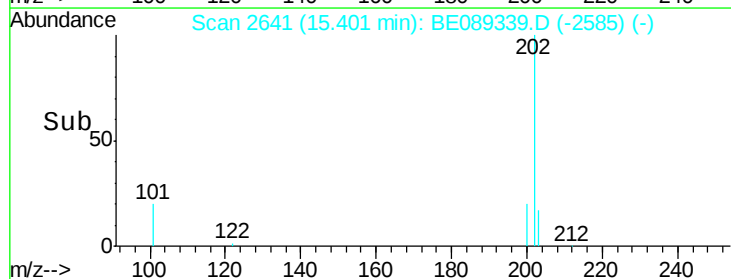
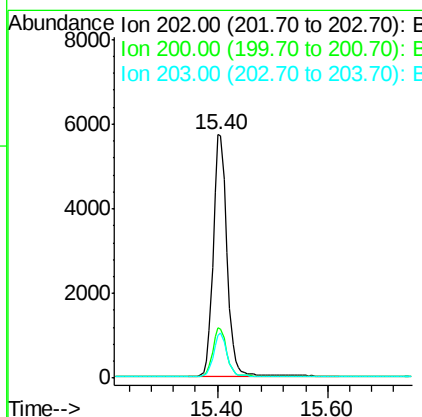
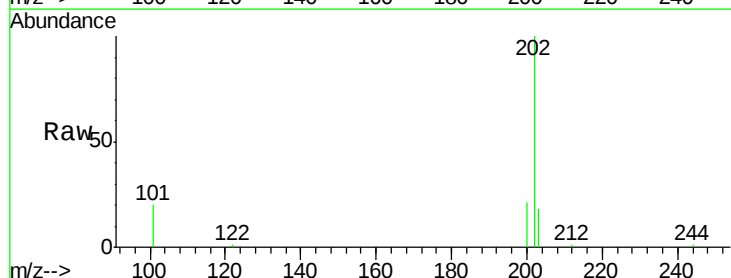
RT: 15.40 min Scan# 2641

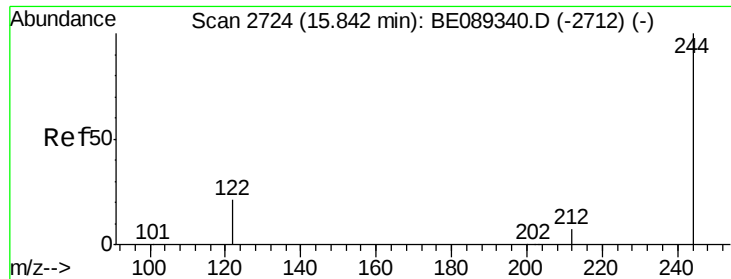
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	202	Resp:	9878
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.7	14.0	21.0





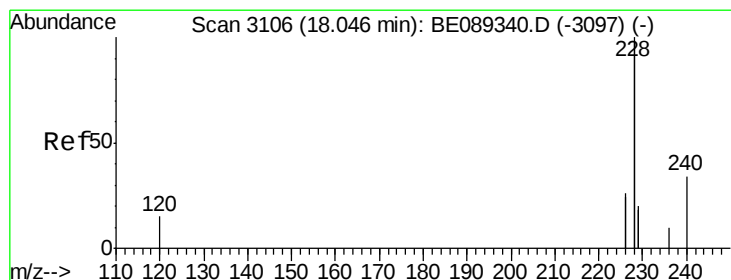
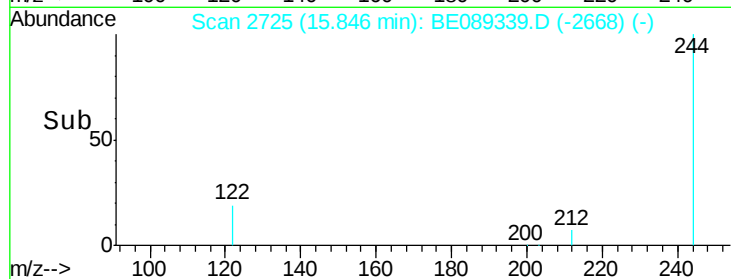
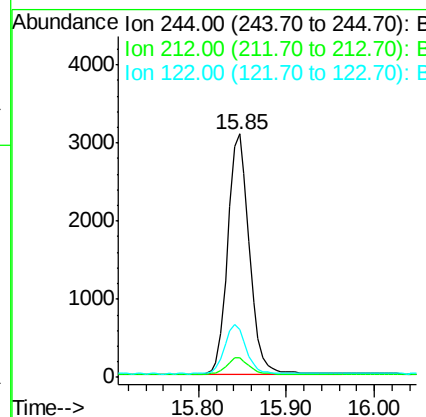
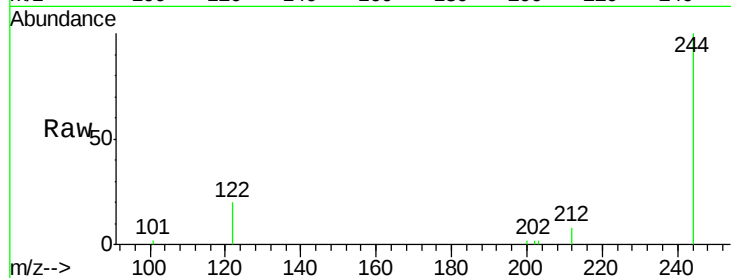
#17
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 15.85 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: BE089339.D
 Acq: 7 Jan 2015 21:32

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	19.8	17.7	26.5

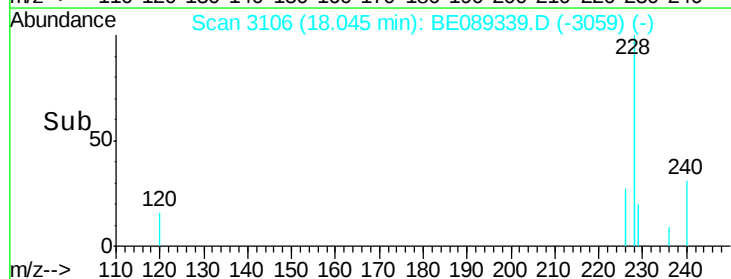
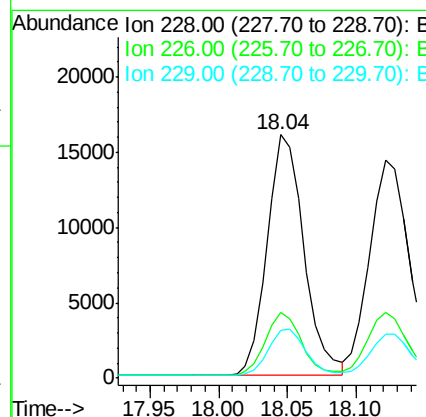
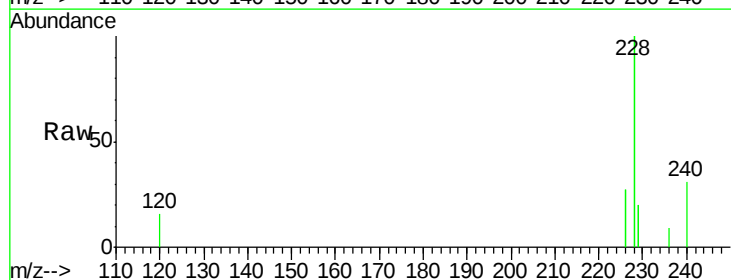
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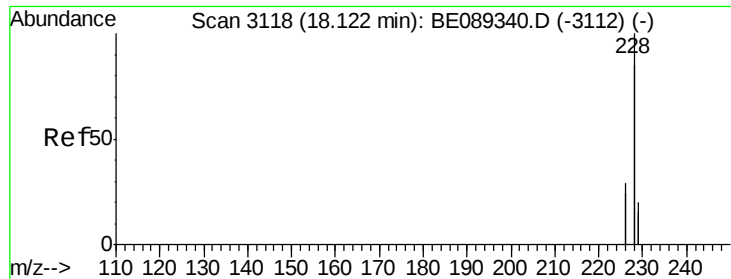
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#18
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 18.04 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BE089339.D
 Acq: 7 Jan 2015 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.6
229	19.7	16.0	24.0





#19

Chrysene

Concen: 1.00 ng

RT: 18.12 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

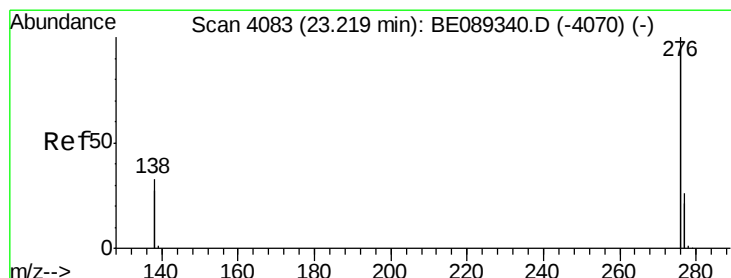
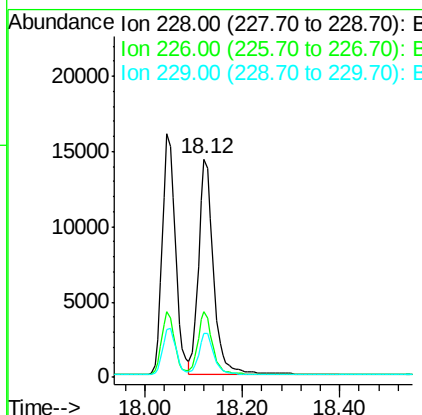
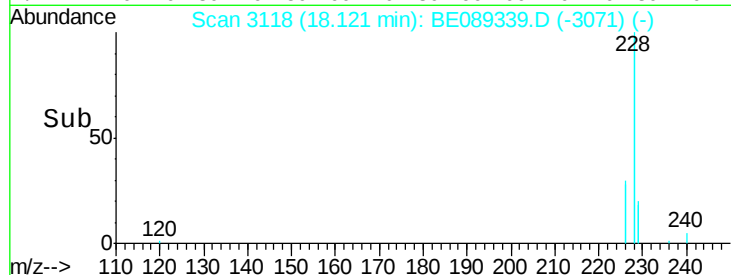
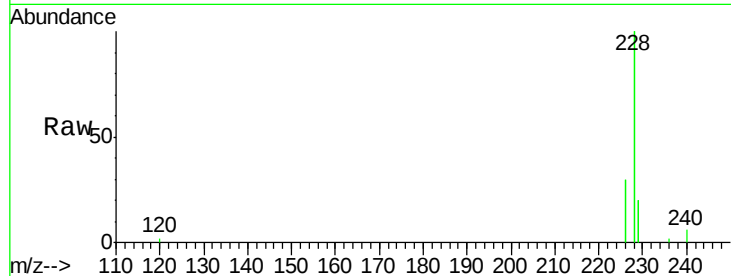
LabSampleId :

SSTDIC0.8

Tgt Ion:	228	Resp:	30540
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.5	35.3
229	20.1	16.1	24.1

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#20

Indeno(1,2,3-cd)pyrene

Concen: 0.99 ng m

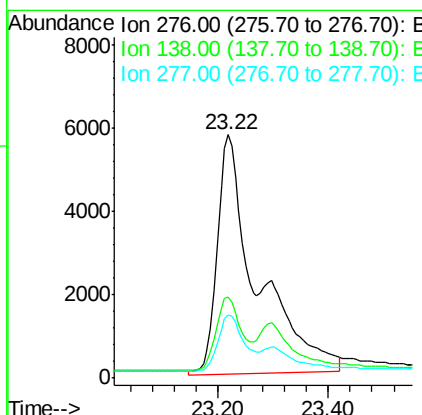
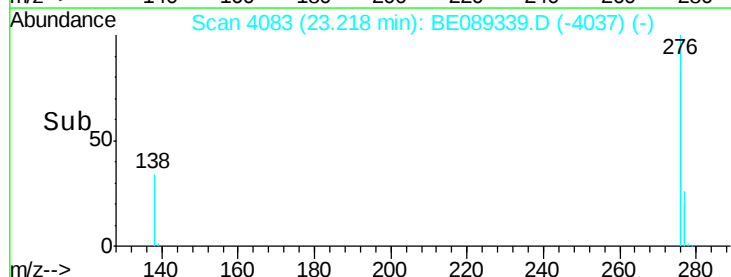
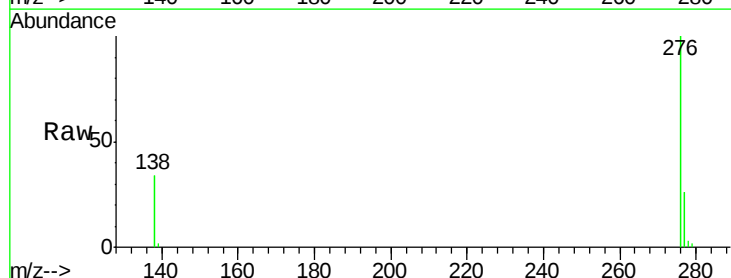
RT: 23.22 min Scan# 4083

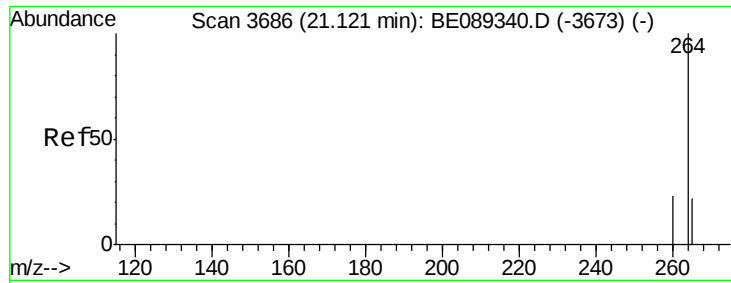
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	276	Resp:	29029
Ion Ratio	Lower	Upper	
276	100		
138	19.0	23.8	35.8#
277	15.2	18.2	27.4#





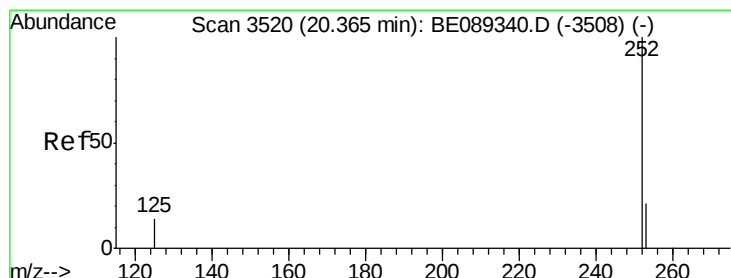
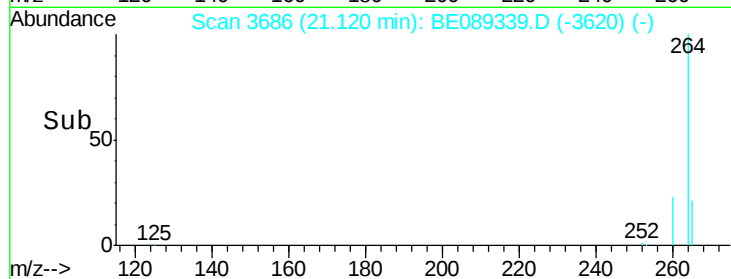
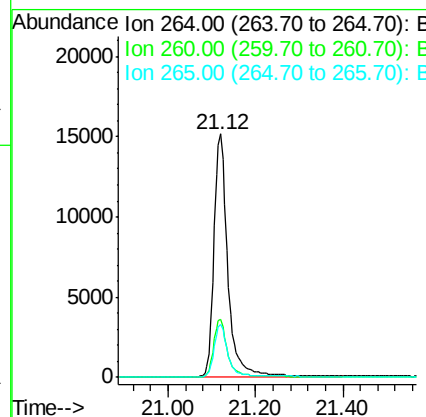
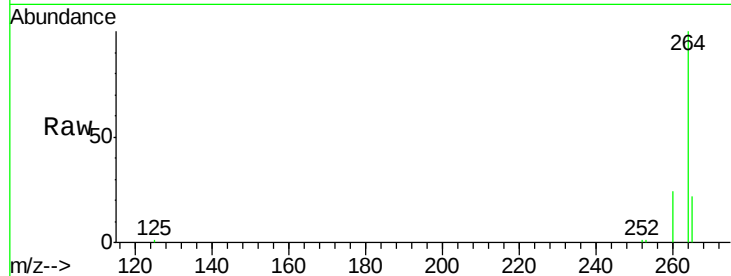
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.4	26.2

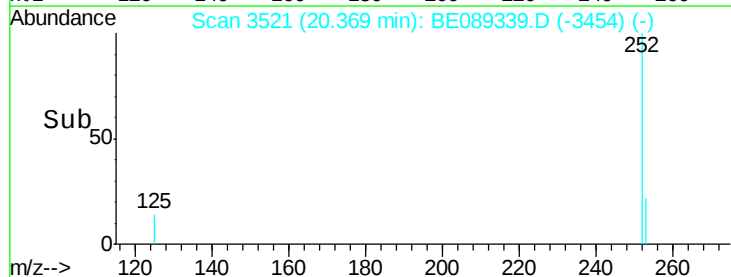
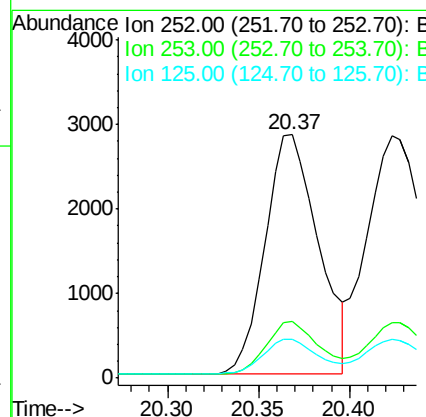
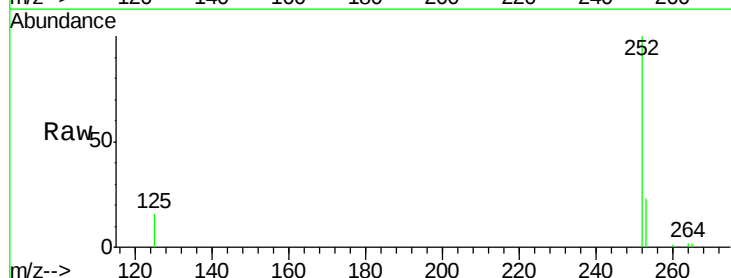
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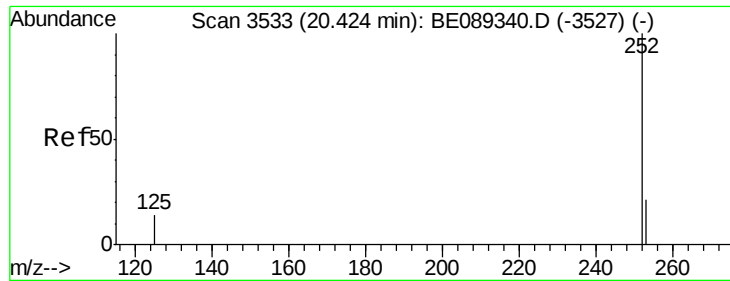
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#22
Benzo(b)fluoranthene
Concen: 0.89 ng
RT: 20.37 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BE089339.D
Acq: 7 Jan 2015 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	16.0	12.6	18.8





#23

Benzo(k)fluoranthene

Concen: 0.91 ng

RT: 20.42 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BE089339.D

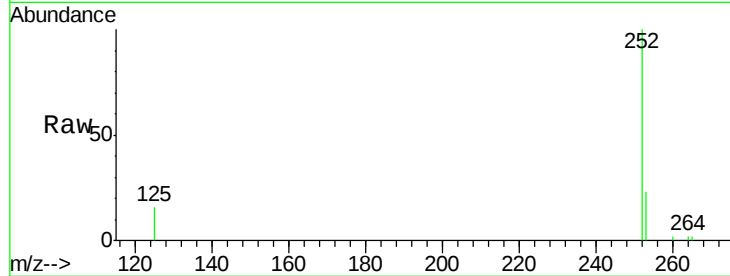
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

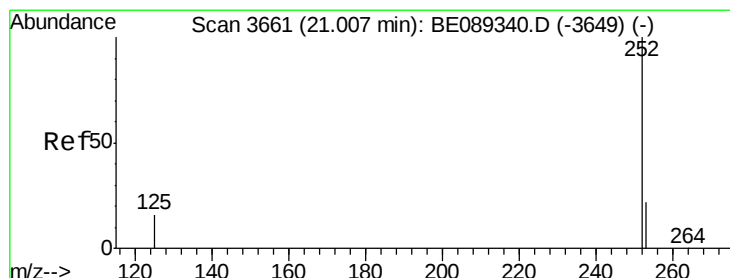
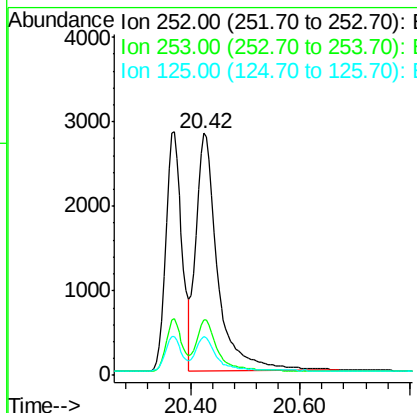
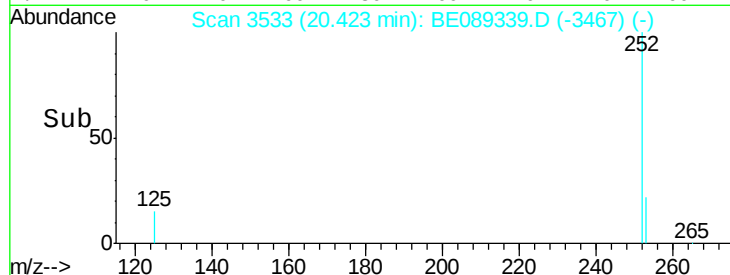
SSTDIC0.8



Tgt Ion:	252	Resp:	7630
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	16.1	12.4	18.6

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#24

Benzo(a)pyrene

Concen: 0.93 ng

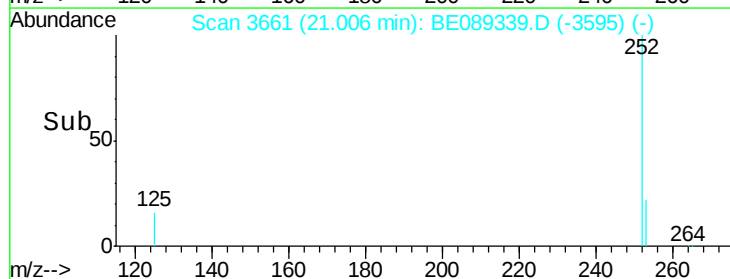
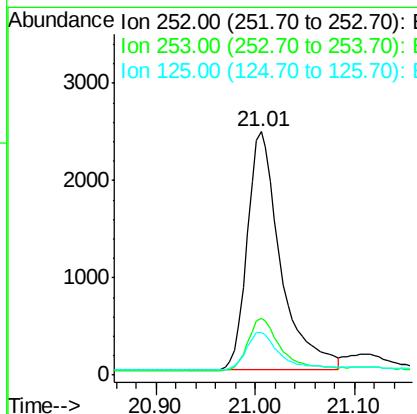
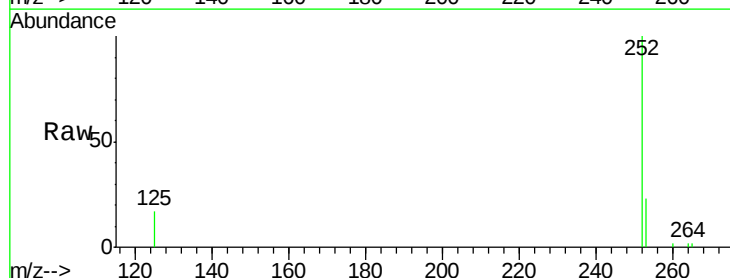
RT: 21.01 min Scan# 3661

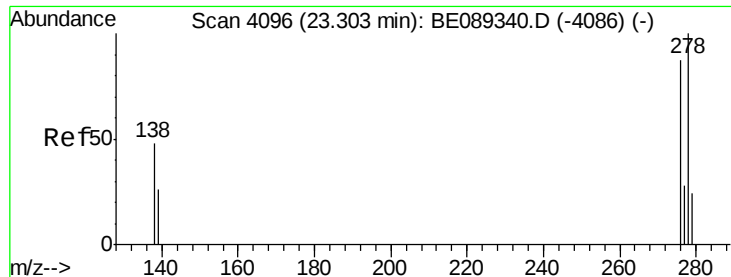
Delta R.T. -0.00 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	252	Resp:	5775
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.3	27.5
125	17.3	13.8	20.8





#25

Dibenzo(a,h)anthracene

Concen: 0.83 ng

RT: 23.30 min Scan# 4096

Delta R.T. -0.00 min

Lab File: BE089339.D

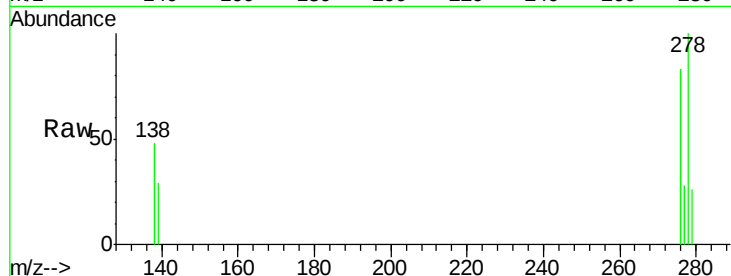
Acq: 7 Jan 2015 21:32

Instrument :

BNA_E

LabSampleId :

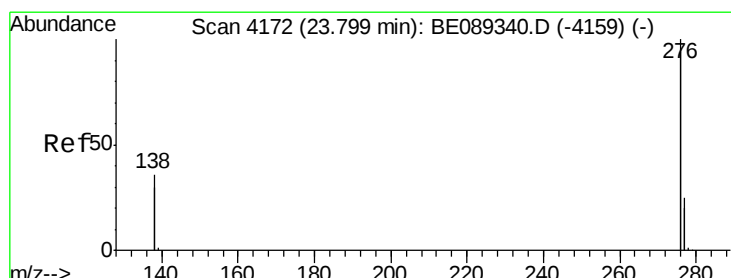
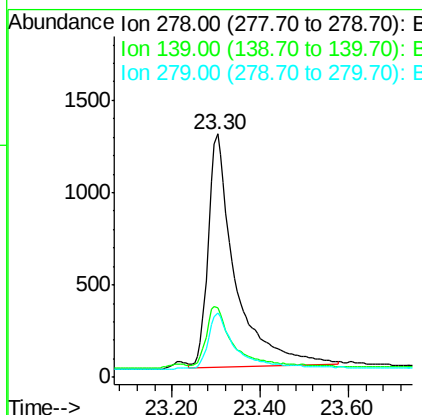
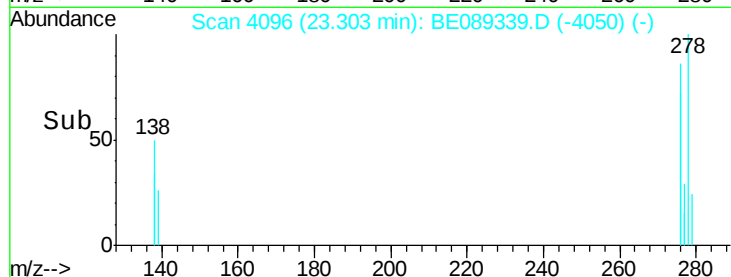
SSTDICC0.8



Tgt Ion:	278	Resp:	5378
Ion	Ratio	Lower	Upper
278	100		
139	28.5	22.9	34.3
279	26.3	20.8	31.2

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#26

Benzo(g,h,i)perylene

Concen: 0.92 ng

RT: 23.80 min Scan# 4173

Delta R.T. 0.01 min

Lab File: BE089339.D

Acq: 7 Jan 2015 21:32

Tgt Ion:	276	Resp:	27096
Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.0	30.0
138	35.5	28.5	42.7

