

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
 Data File : BE089348.D
 Acq On : 8 Jan 2015 2:30
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc : LOQ-WATER-1.0PPM-SIM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Manual Integrations
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 1/9/2015 5:21:47 PM

Quant Time: Jan 08 15:40:42 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 15:21:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	17544	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	66642	5.00	ng	0.00
6) Acenaphthene-d10	10.66	164	30108	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	44596	5.00	ng	0.00
15) Chrysene-d12	18.07	240	34805	5.00	ng	0.00
21) Perylene-d12	21.12	264	31940	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.65	82	4853	1.05	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	8530	1.04	ng	0.00
17) Terphenyl-d14	15.84	244	6122	0.99	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.54	128	15471	1.03	ng	98
5) 2-Methylnaphthalene	9.39	142	9542	1.02	ng	97
8) Acenaphthylene	10.47	152	52773	1.02	ng	98
9) Acenaphthene	10.69	154	8112	1.01	ng	92
10) Fluorene	11.34	166	8706	1.01	ng	99
12) Phenanthrene	12.75	178	48256	1.04	ng	100
13) Anthracene	12.84	178	46985	1.05	ng	100
14) Fluoranthene	14.95	202	10871	1.06	ng	99
16) Pyrene	15.40	202	11611	1.02	ng	99
18) Benzo(a)anthracene	18.05	228	35668	1.01	ng	98
19) Chrysene	18.12	228	36480	1.03	ng	99
20) Indeno(1,2,3-cd)pyrene	23.22	276	32697m	0.96	ng	
22) Benzo(b)fluoranthene	20.36	252	7084	1.02	ng	100
23) Benzo(k)fluoranthene	20.42	252	9192	1.05	ng	100
24) Benzo(a)pyrene	21.01	252	6979	1.01	ng	100
25) Dibenzo(a,h)anthracene	23.30	278	6386	1.01	ng	100
26) Benzo(g,h,i)perylene	23.80	276	32332	1.02	ng	99

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

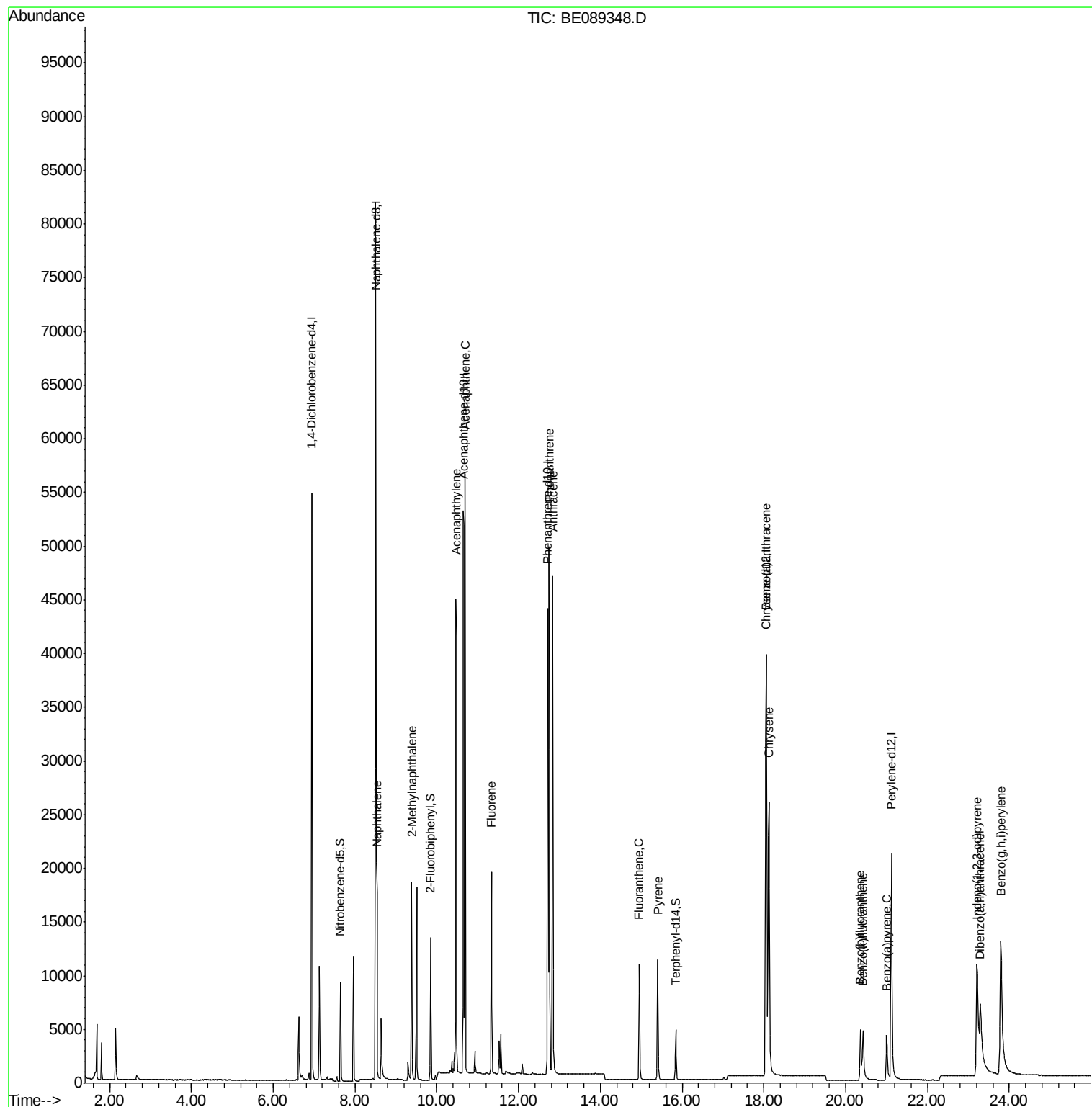
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089348.D
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Sample : SSTDCCC001
Misc : LOQ-WATER-1.0PPM-SIM
ALS Vial : 16 Sample Multiplier: 1

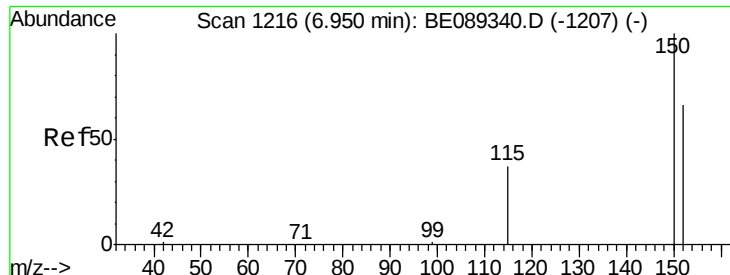
Instrument :
BNA_E
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SSTDCCC001

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Quant Time: Jan 08 15:40:42 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 15:21:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BE089348.D

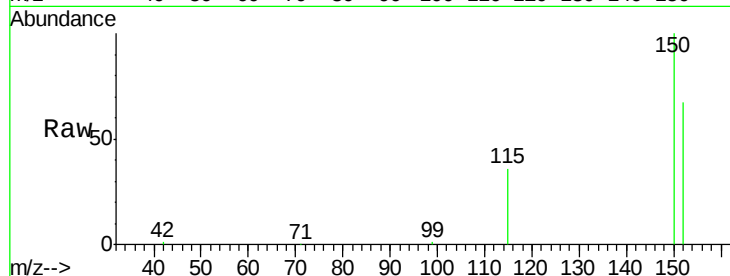
Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

ClientSampleId :

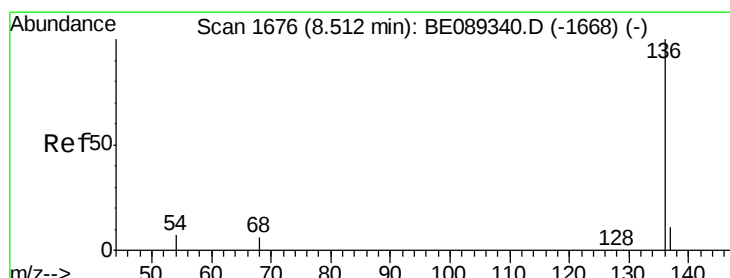
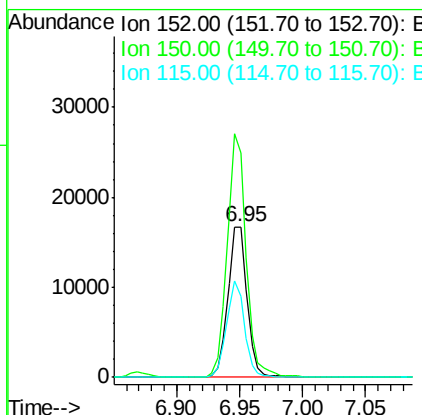
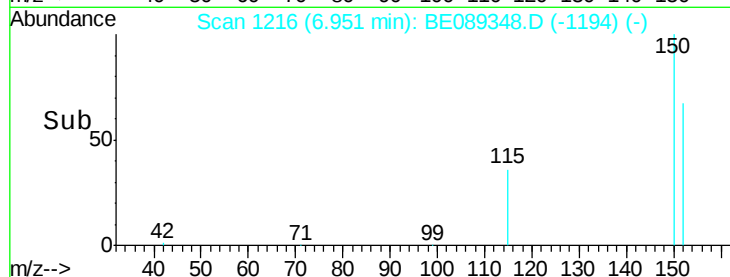
SSTDCCC001



Tgt Ion:	152	Resp:	17544
Ion Ratio	Lower	Upper	
152	100		
150	148.9	121.5	182.3
115	53.9	45.2	67.8

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#2

Naphthalene-d8

Concen: 5.00 ng

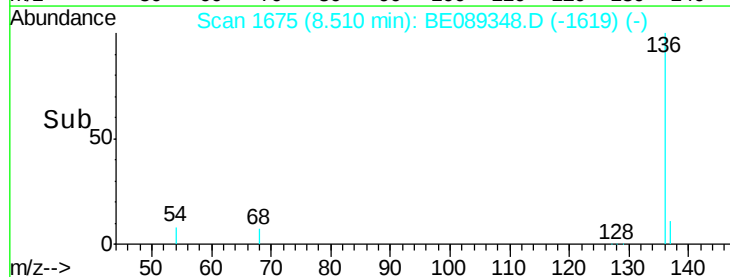
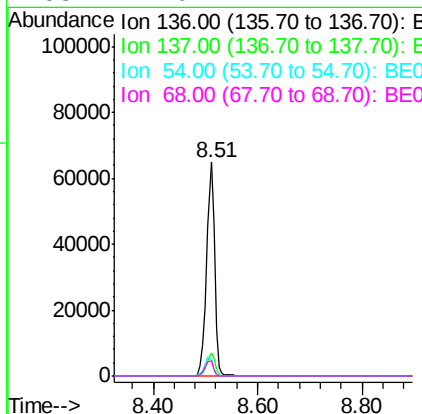
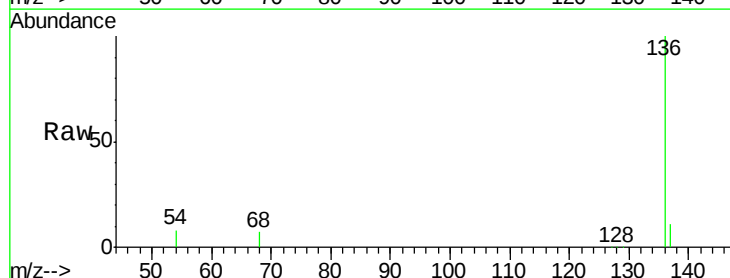
RT: 8.51 min Scan# 1675

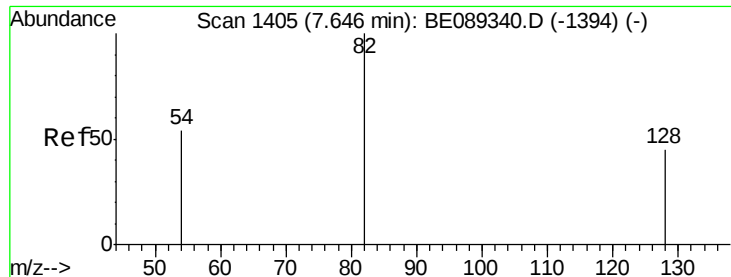
Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	136	Resp:	66642
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.9	5.4	8.0
68	7.0	4.7	7.1





#3

Nitrobenzene-d5

Concen: 1.05 ng

RT: 7.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

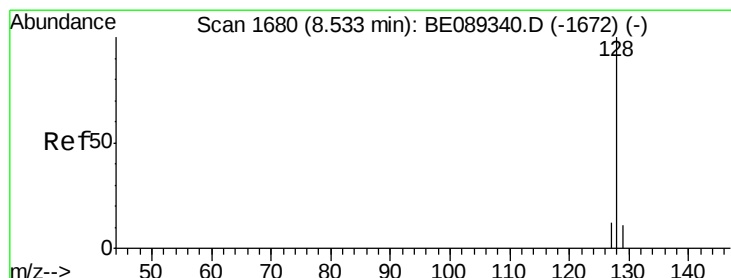
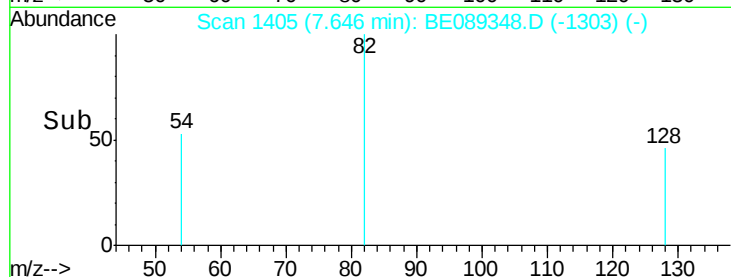
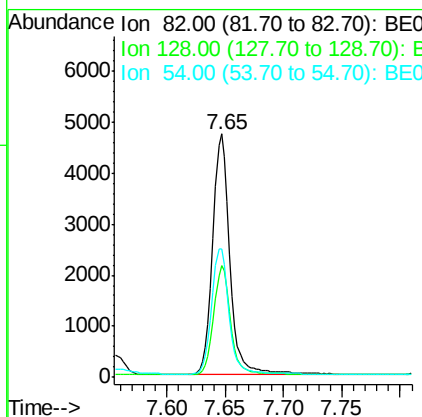
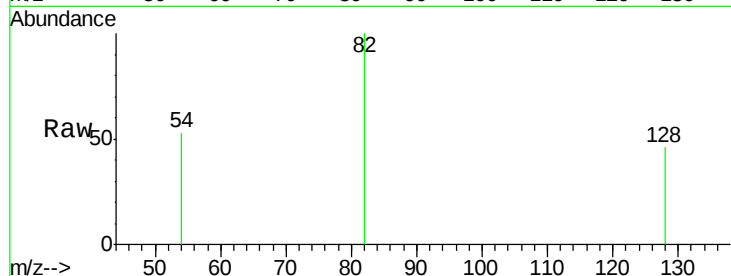
ClientSampleId :

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Tgt Ion:	82	Resp:	4853
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.5	54.7
54	53.0	43.5	65.3

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#4

Naphthalene

Concen: 1.03 ng

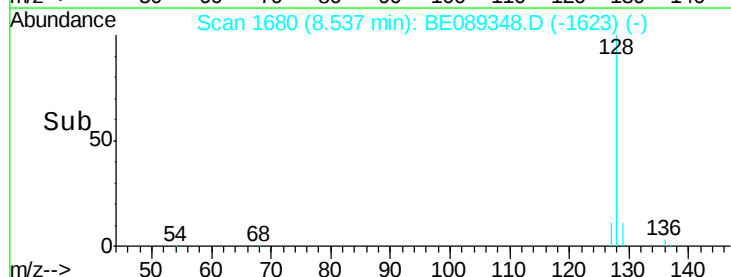
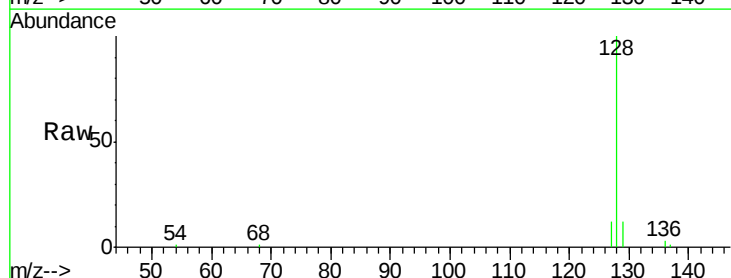
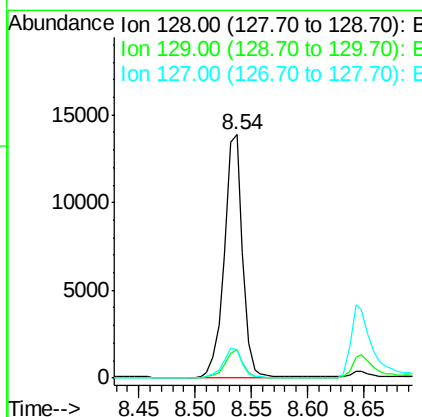
RT: 8.54 min Scan# 1680

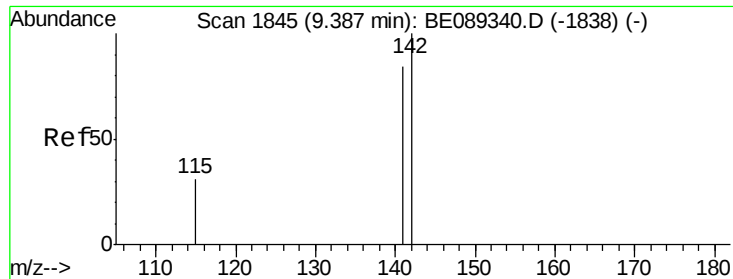
Delta R.T. 0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	128	Resp:	15471
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	11.5	10.0	15.0





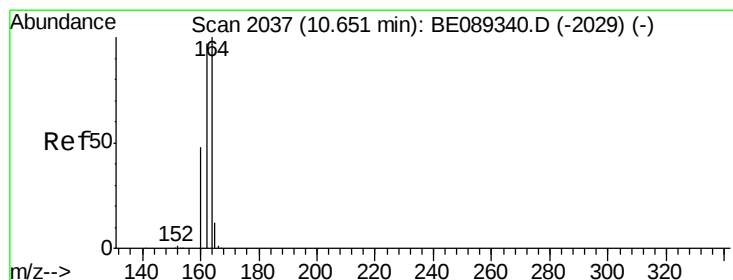
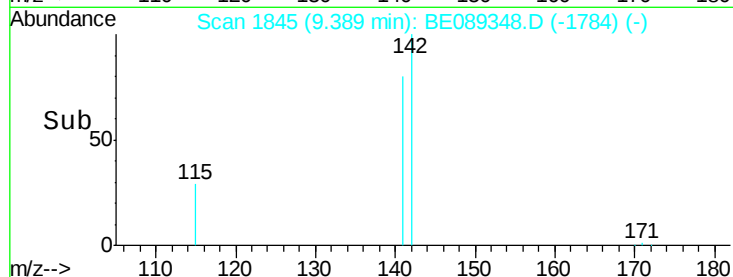
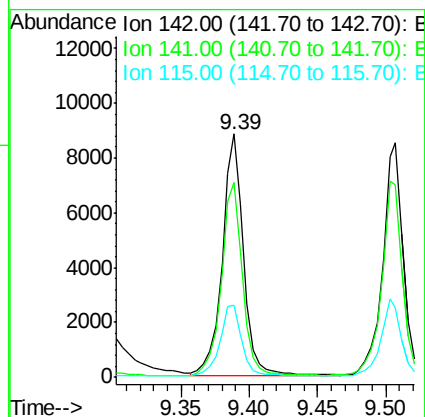
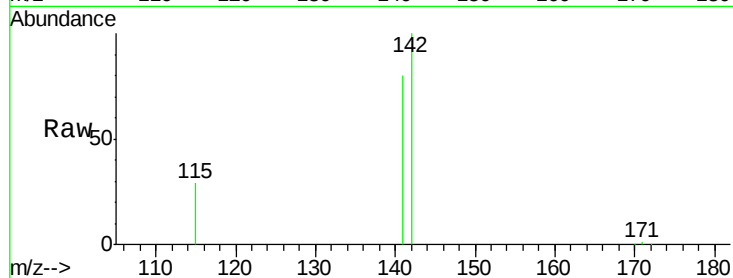
#5
2-Methylnaphthalene
Concen: 1.02 ng
RT: 9.39 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.1	66.3	99.5
115	29.4	25.2	37.8

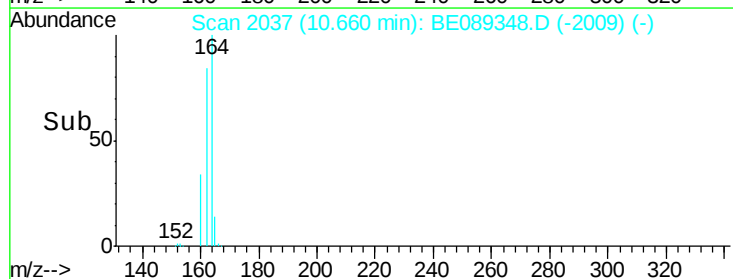
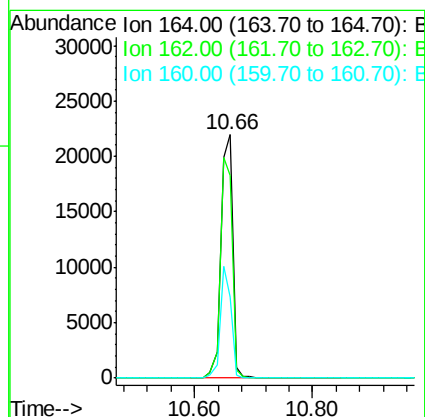
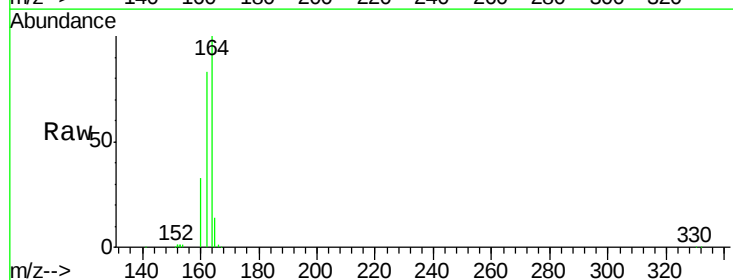
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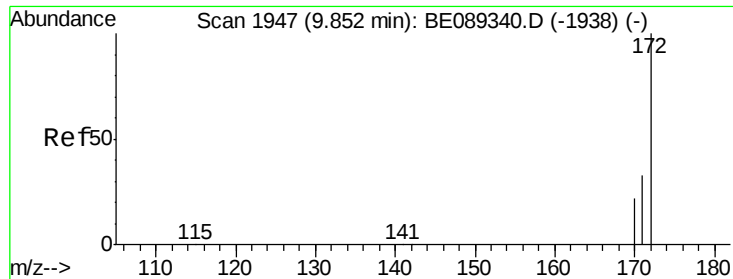
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#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	83.0	77.4	116.2
160	33.4	38.2	57.4#





#7

2-Fluorobiphenyl

Concen: 1.04 ng

RT: 9.85 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE089348.D

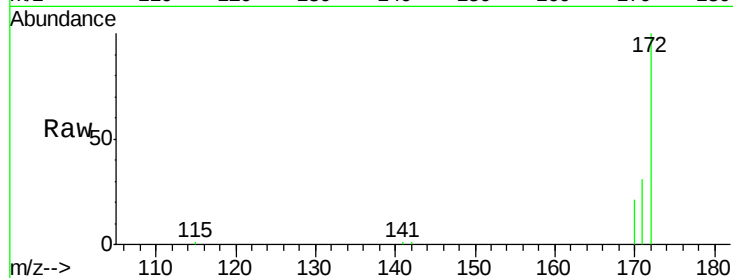
Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

ClientSampleId :

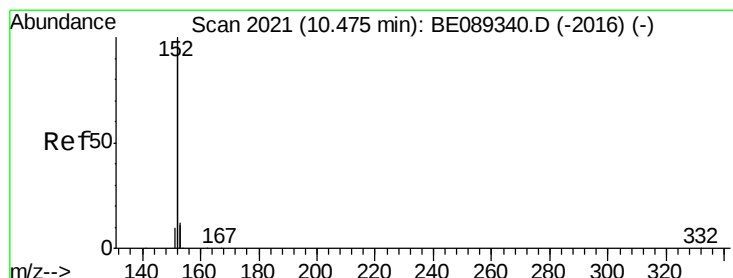
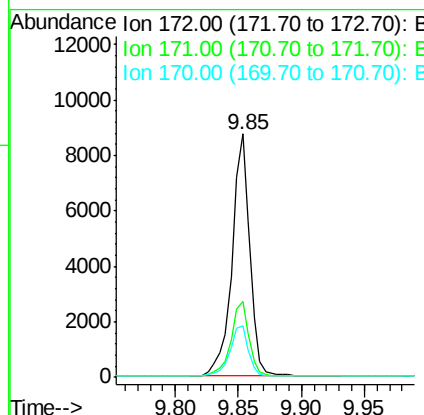
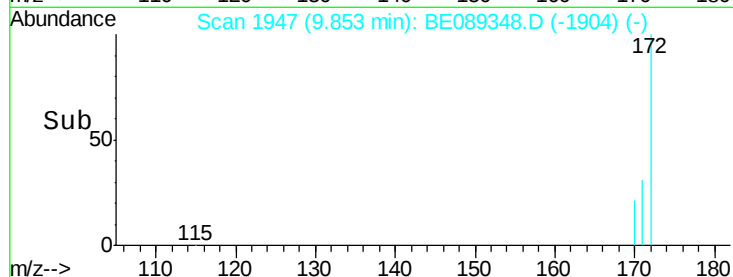
SSTDCCC001



Tgt Ion:	172	Resp:	8530
Ion Ratio	Lower	Upper	
172	100		
171	31.4	26.4	39.6
170	21.0	18.0	27.0

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#8

Acenaphthylene

Concen: 1.02 ng

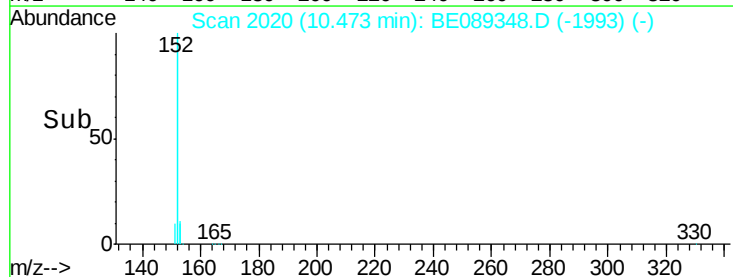
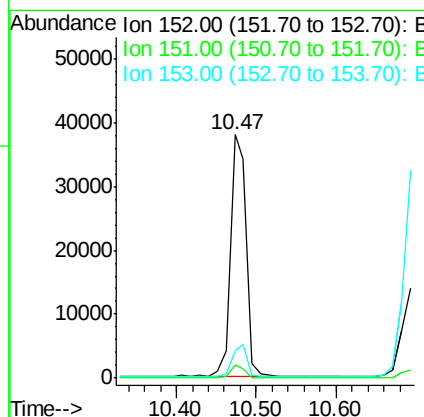
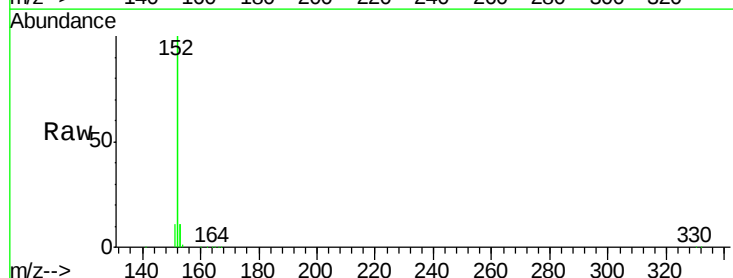
RT: 10.47 min Scan# 2020

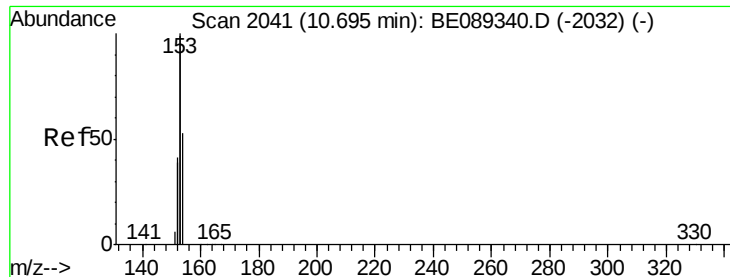
Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	152	Resp:	52773
Ion Ratio	Lower	Upper	
152	100		
151	5.4	4.1	6.1
153	11.3	9.8	14.6





#9

Acenaphthene

Concen: 1.01 ng

RT: 10.69 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

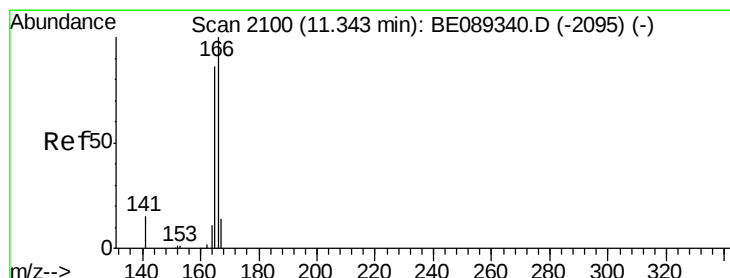
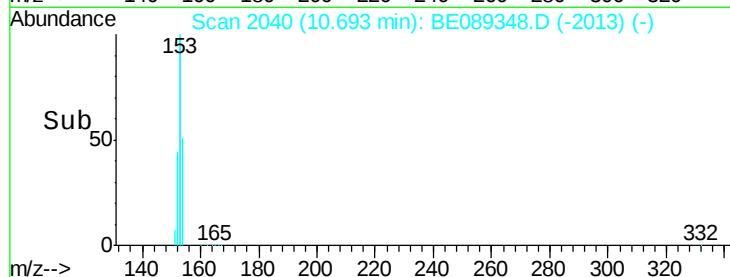
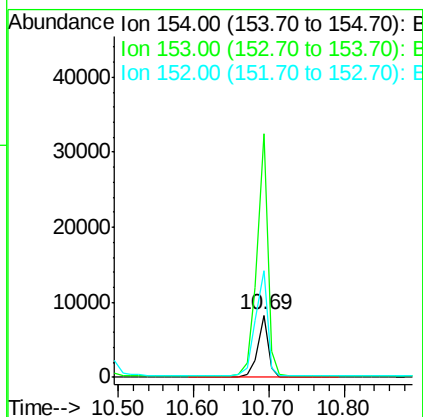
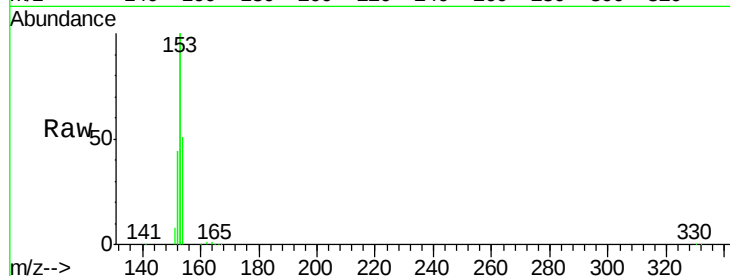
ClientSampleId :

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Tgt Ion:	154	Resp:	8112
Ion Ratio	Lower	Upper	
154	100		
153	390.7	300.6	450.8
152	170.2	123.3	184.9

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#10

Fluorene

Concen: 1.01 ng

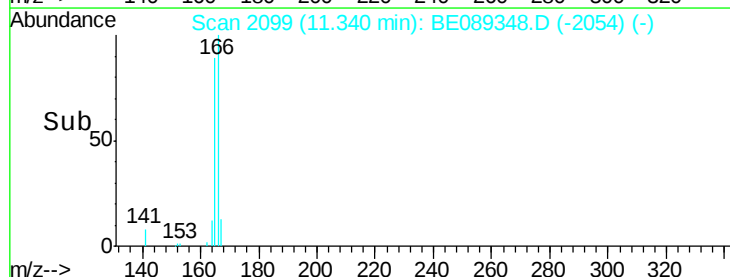
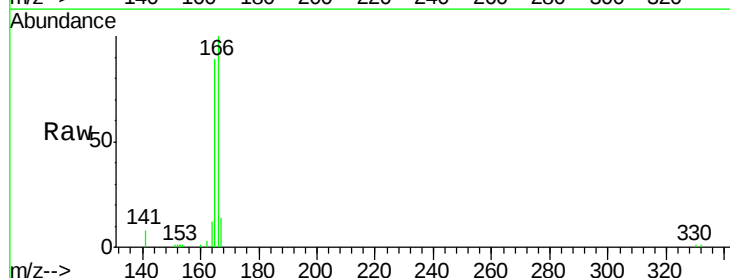
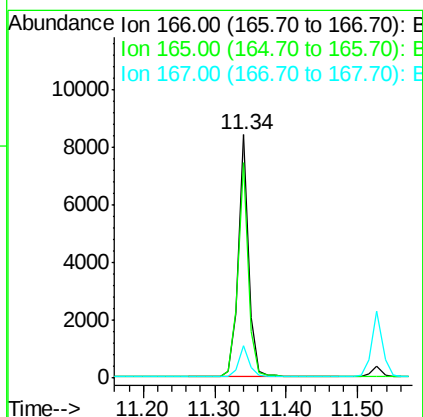
RT: 11.34 min Scan# 2099

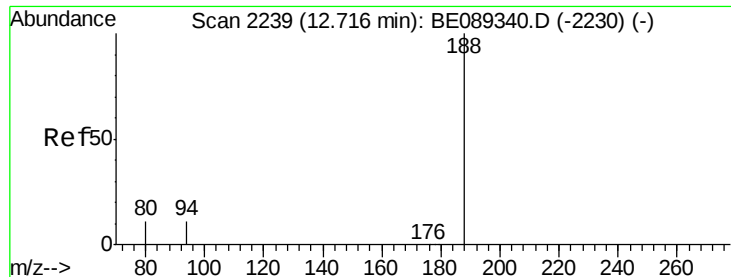
Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	166	Resp:	8706
Ion Ratio	Lower	Upper	
166	100		
165	89.4	72.1	108.1
167	13.2	11.0	16.4





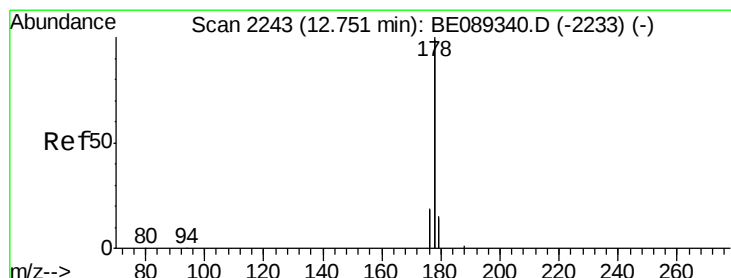
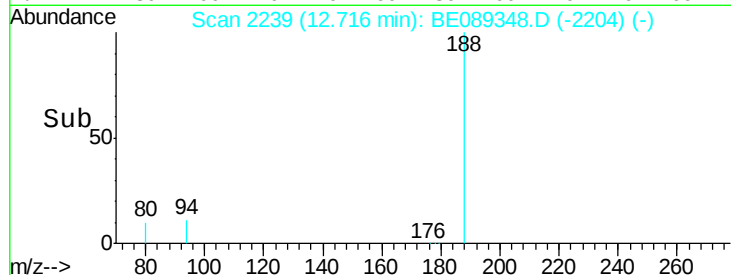
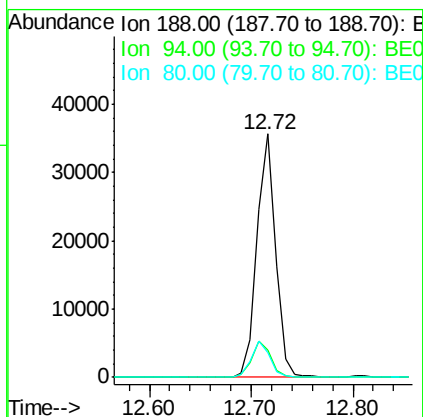
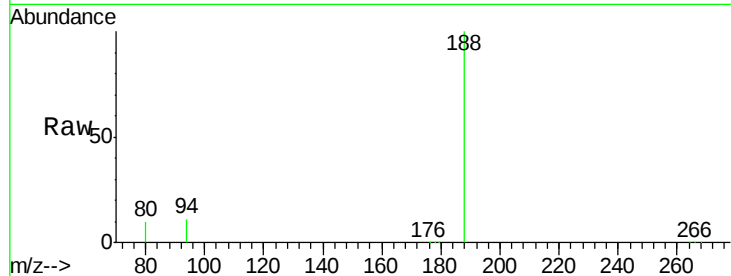
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Instrument :
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ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	11.0	12.2
80	10.1	10.1	11.1

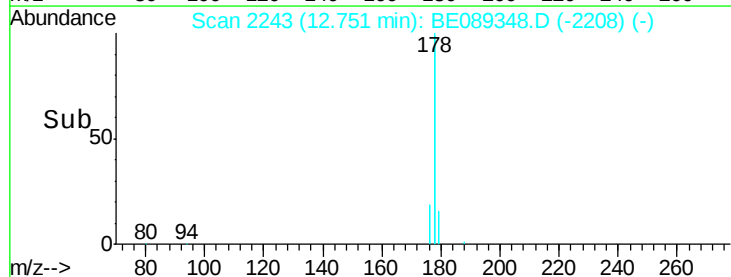
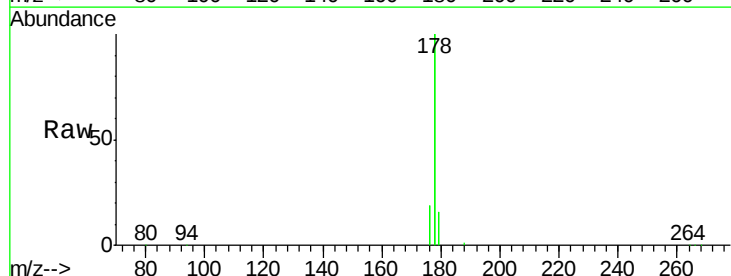
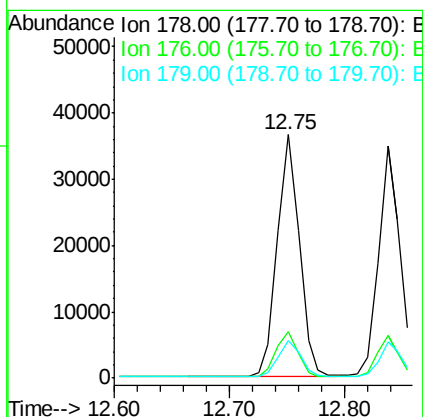
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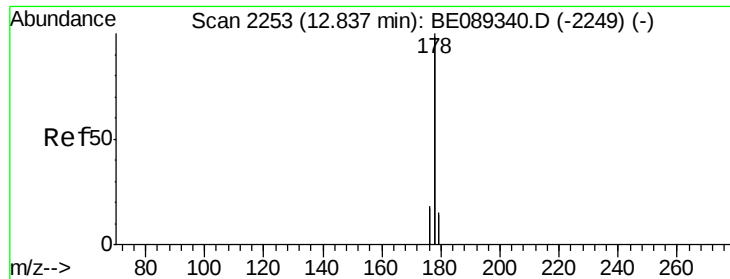
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#12
Phenanthrene
Concen: 1.04 ng
RT: 12.75 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.2	18.2





#13

Anthracene

Concen: 1.05 ng

RT: 12.84 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BE089348.D

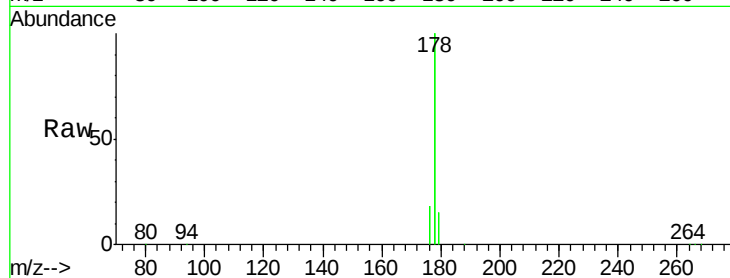
Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

ClientSampleId :

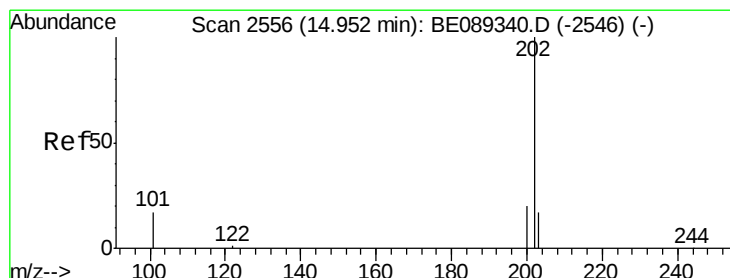
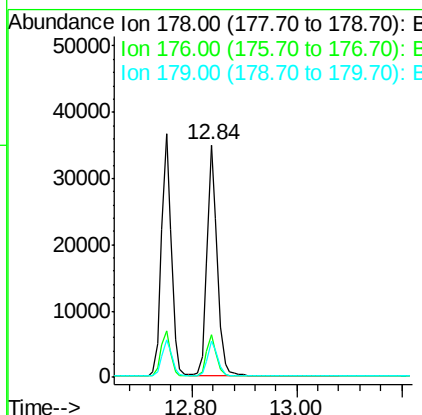
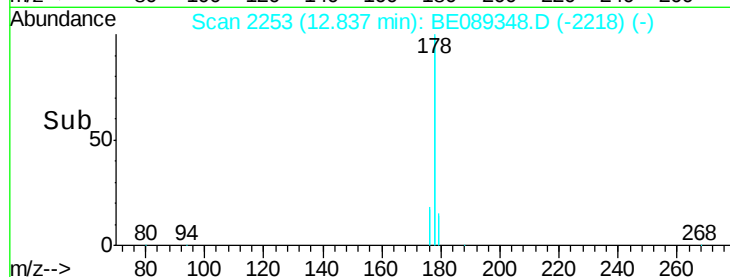
SSTDCCC001



Tgt Ion:	178	Resp:	46985
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.7	22.1
179	15.4	12.0	18.0

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#14

Fluoranthene

Concen: 1.06 ng

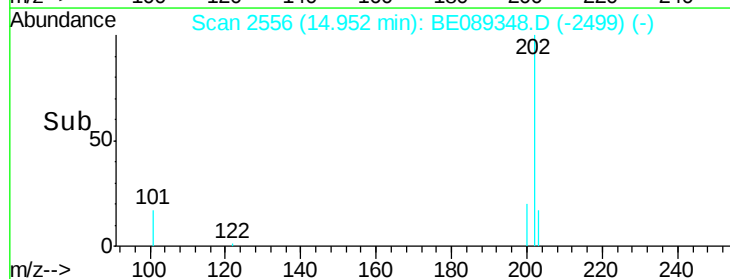
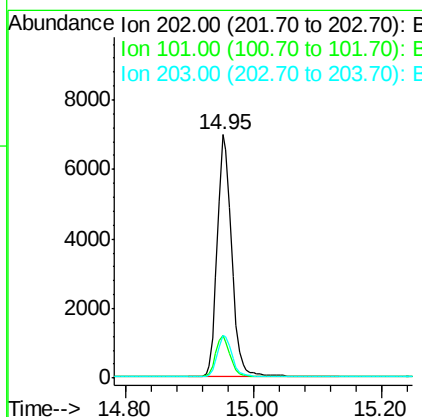
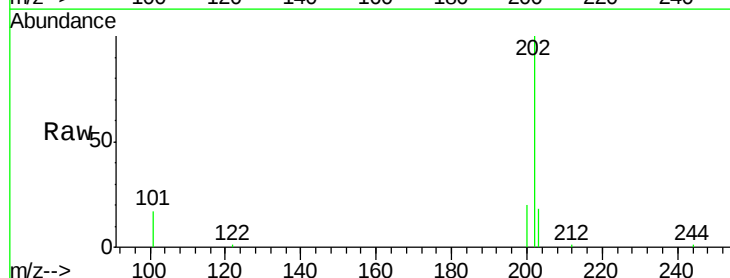
RT: 14.95 min Scan# 2556

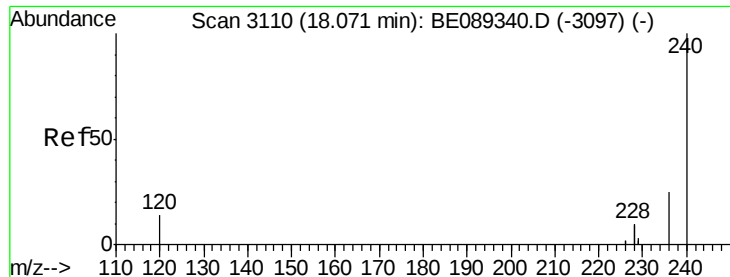
Delta R.T. 0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	202	Resp:	10871
Ion Ratio	Lower	Upper	
202	100		
101	17.5	0.0	37.9
203	17.6	0.0	37.5





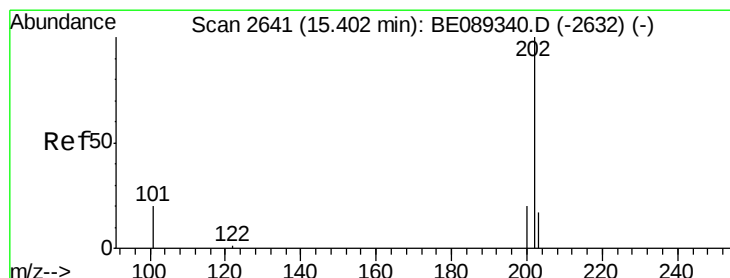
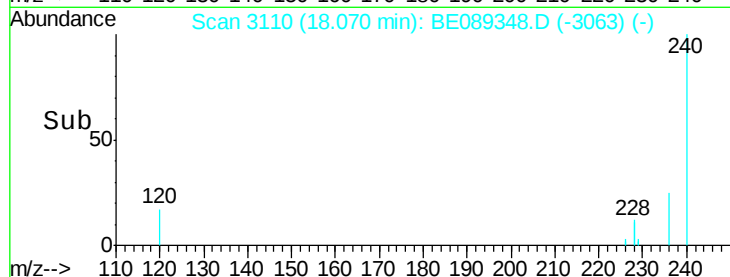
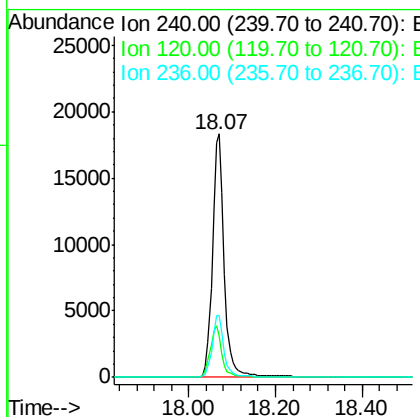
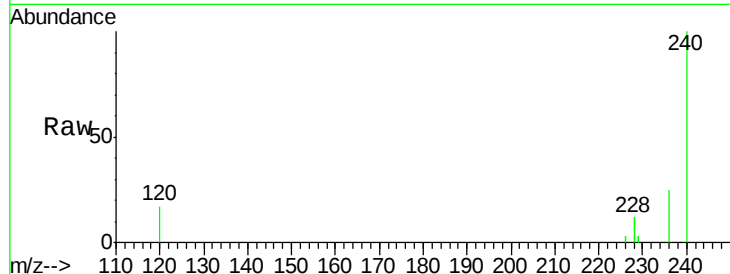
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	34805		
120	16.7	11.8	17.6	
236	25.3	20.0	30.0	

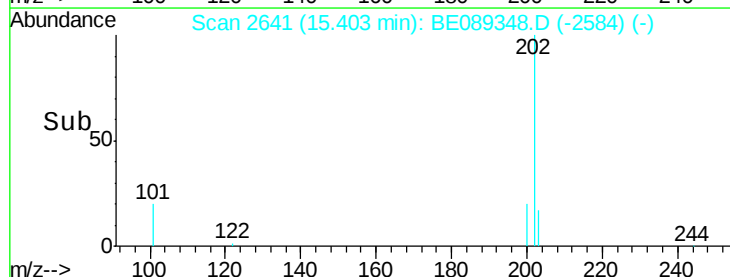
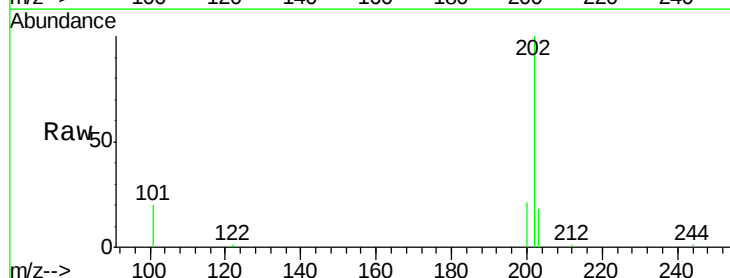
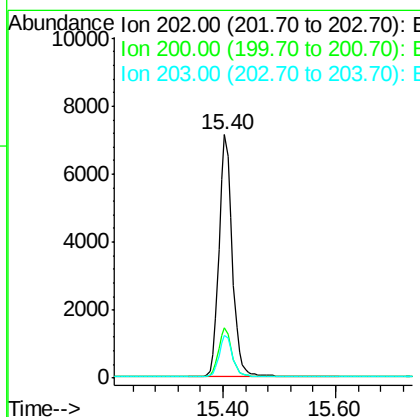
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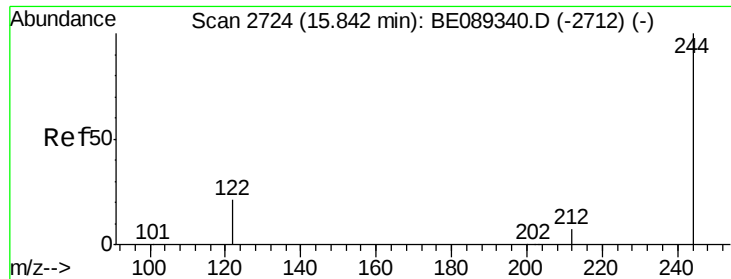
TEJASKUMAR
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#16
Pyrene
Concen: 1.02 ng
RT: 15.40 min Scan# 2641
Delta R.T. 0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11611		
200	20.6	16.8	25.2	
203	17.6	14.0	21.0	





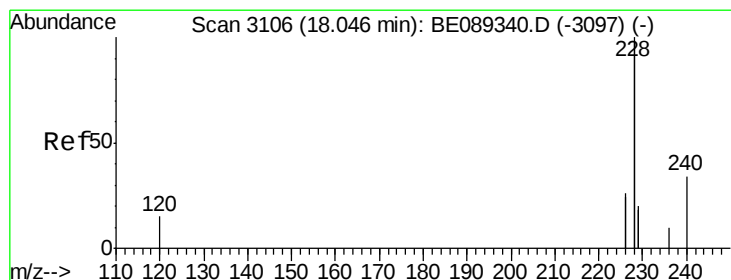
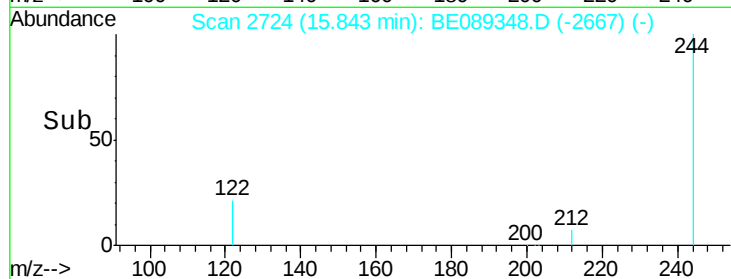
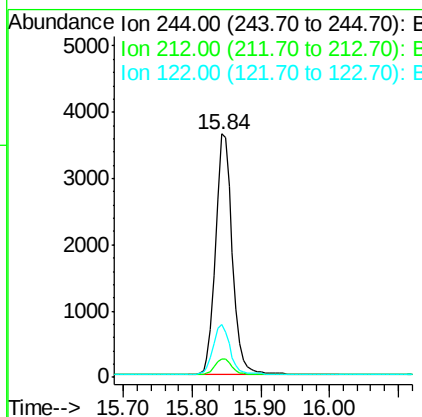
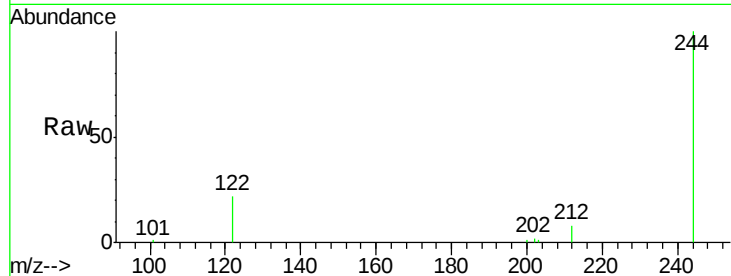
#17
 Terphenyl-d14
 Concen: 0.99 ng
 RT: 15.84 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BE089348.D
 Acq: 8 Jan 2015 2:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	21.8	17.7	26.5

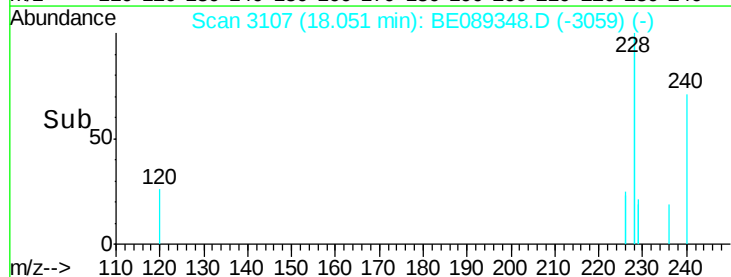
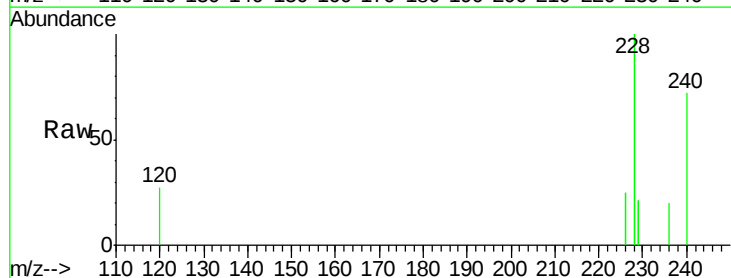
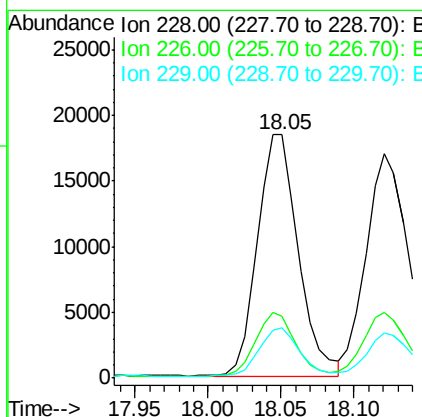
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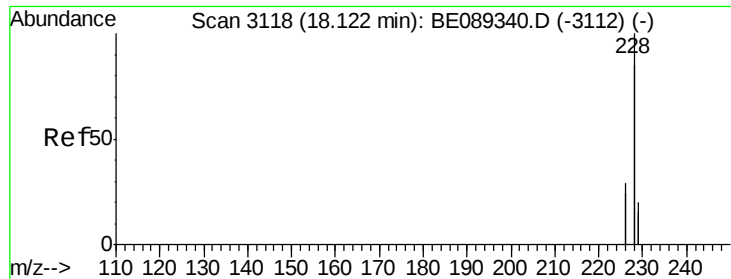
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#18
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 18.05 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BE089348.D
 Acq: 8 Jan 2015 2:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.3	21.0	31.6
229	20.7	16.0	24.0





#19

Chrysene

Concen: 1.03 ng

RT: 18.12 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

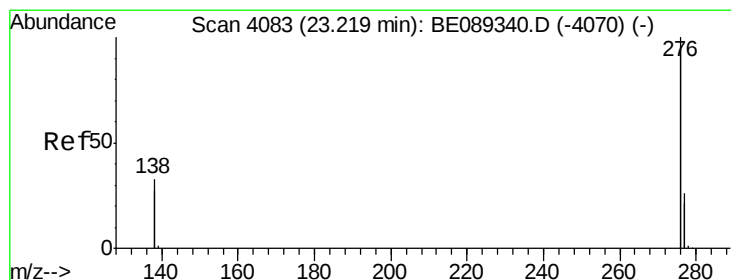
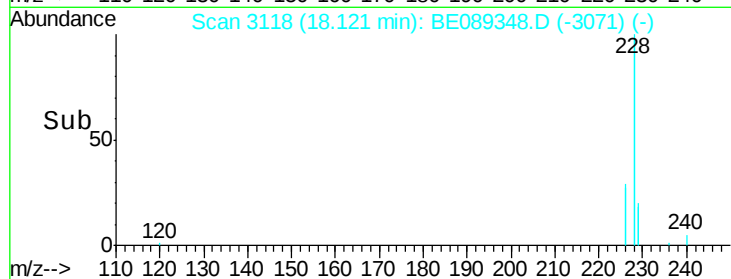
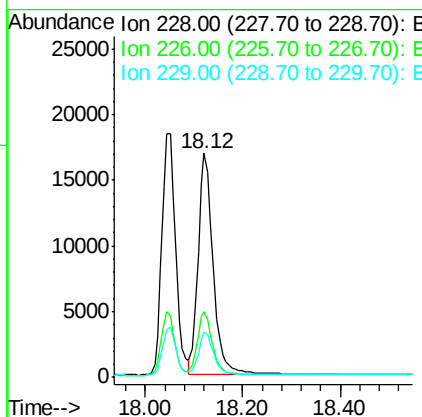
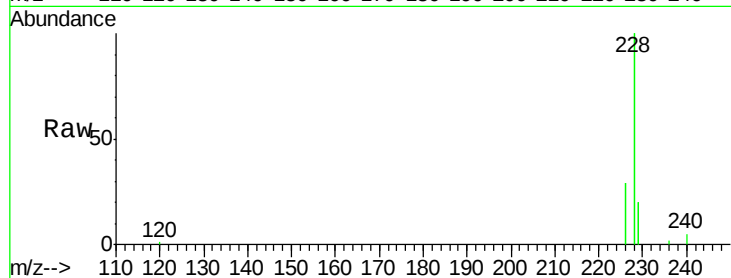
ClientSampleId :

SSTDCCC001

Tgt Ion:	228	Resp:	36480
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.5	35.3
229	20.4	16.1	24.1

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#20

Indeno(1,2,3-cd)pyrene

Concen: 0.96 ng m

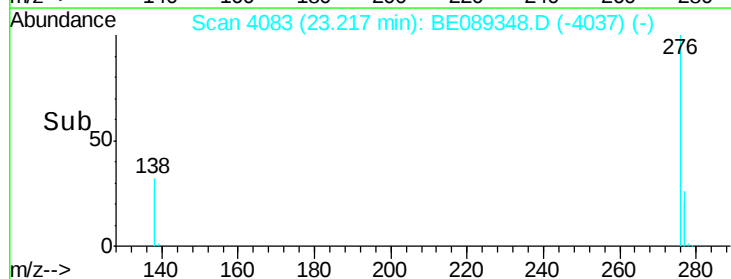
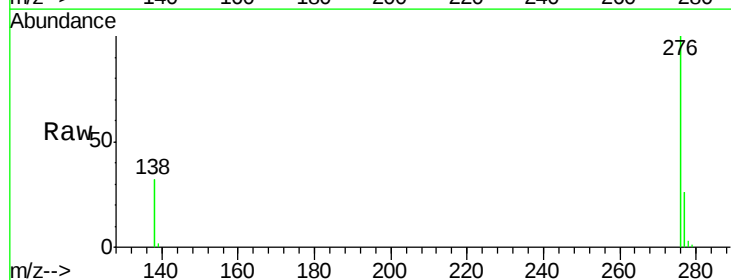
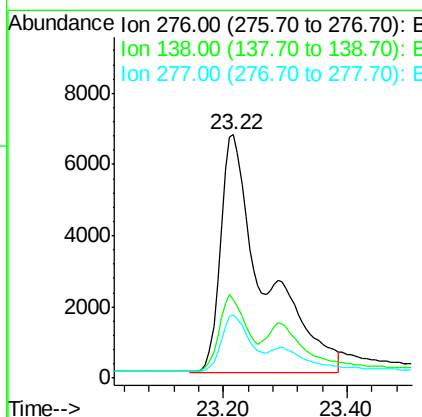
RT: 23.22 min Scan# 4083

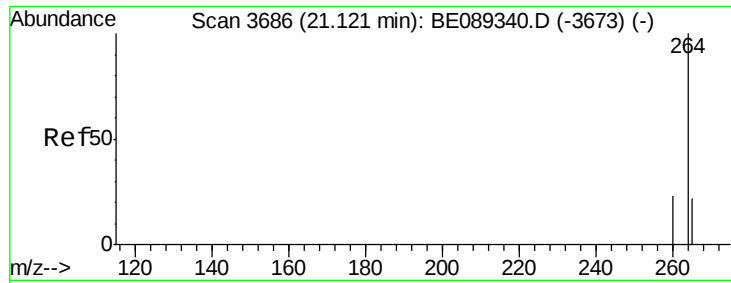
Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	276	Resp:	32697
Ion Ratio	Lower	Upper	
276	100		
138	20.2	23.8	35.8#
277	16.1	18.2	27.4#





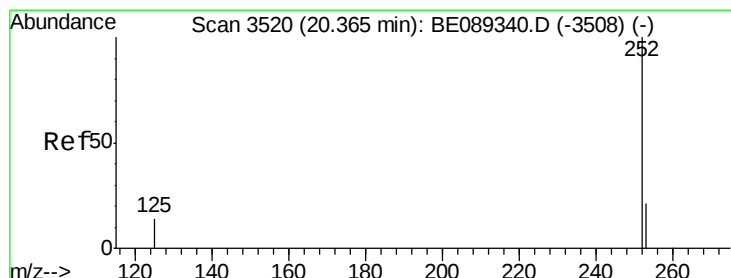
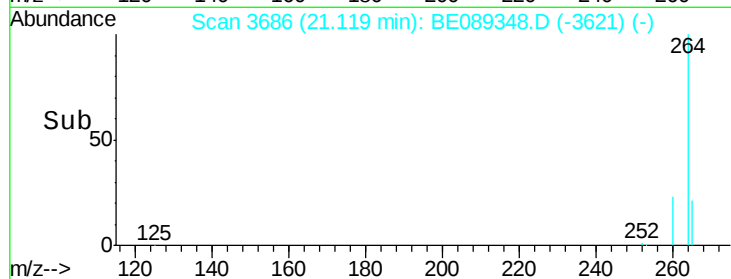
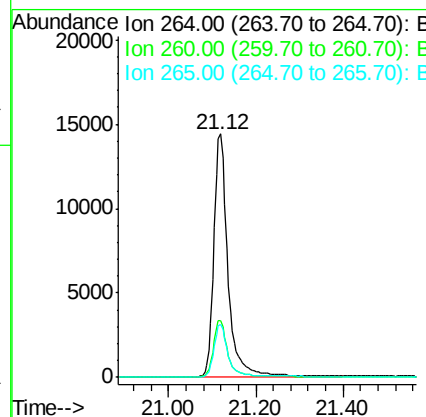
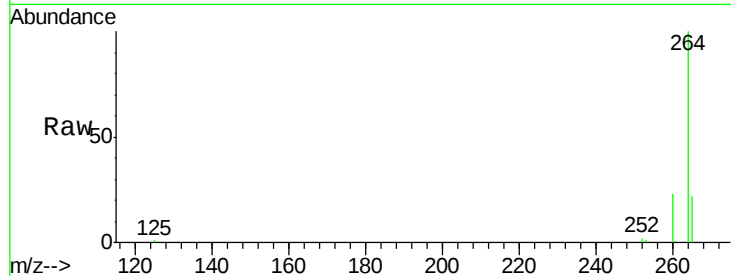
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	31940		
260	23.4	18.9	28.3	
265	21.7	17.4	26.2	

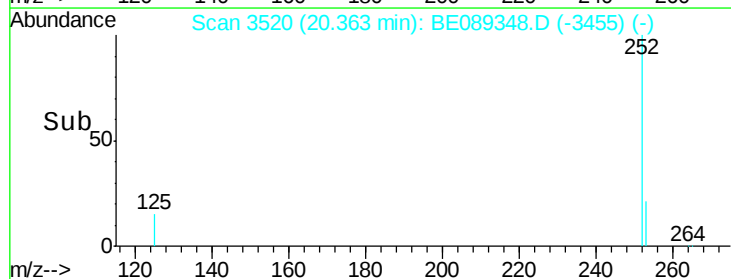
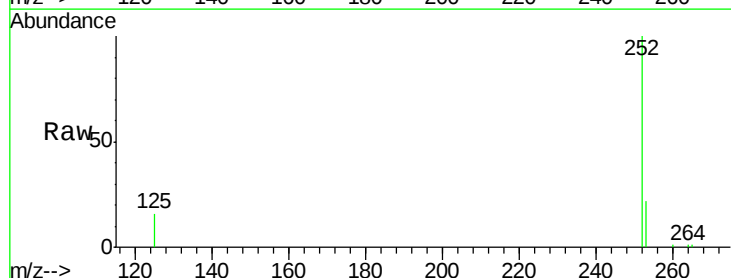
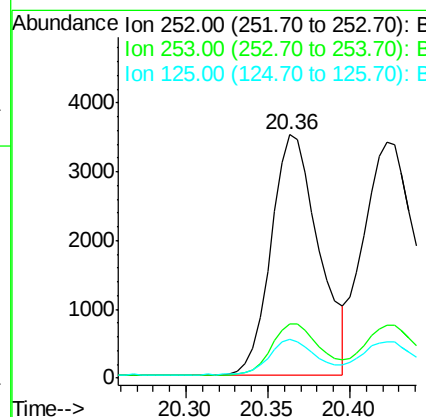
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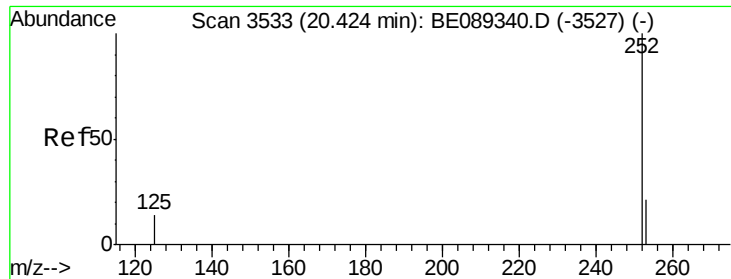
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#22
Benzo(b)fluoranthene
Concen: 1.02 ng
RT: 20.36 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BE089348.D
Acq: 8 Jan 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	7084		
253	22.3	17.8	26.6	
125	15.9	12.6	18.8	





#23

Benzo(k)fluoranthene

Concen: 1.05 ng

RT: 20.42 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BE089348.D

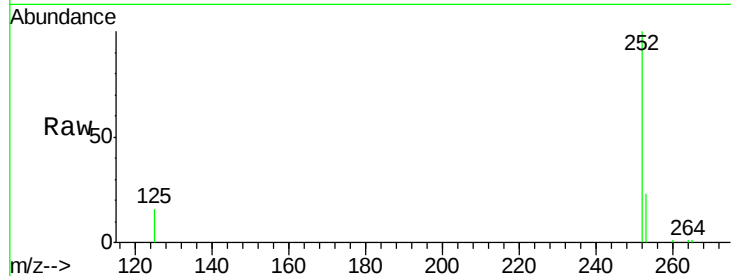
Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

ClientSampleId :

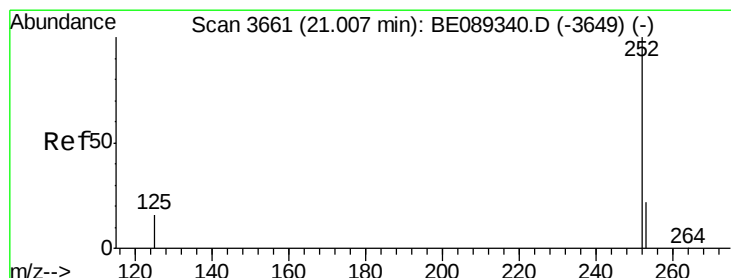
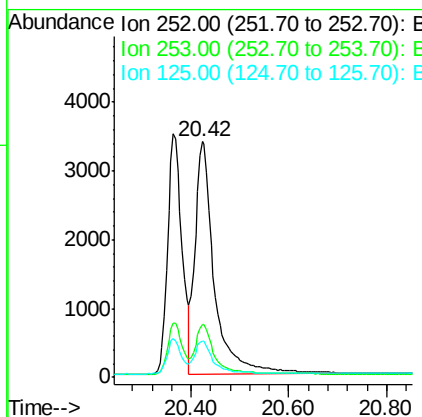
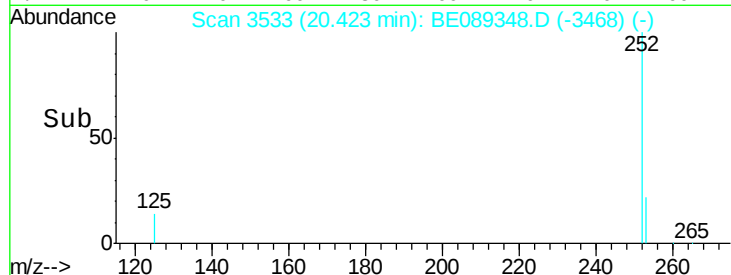
SSTDCCC001



Tgt Ion:	252	Resp:	9192
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	15.6	12.4	18.6

Manual Integrations
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#24

Benzo(a)pyrene

Concen: 1.01 ng

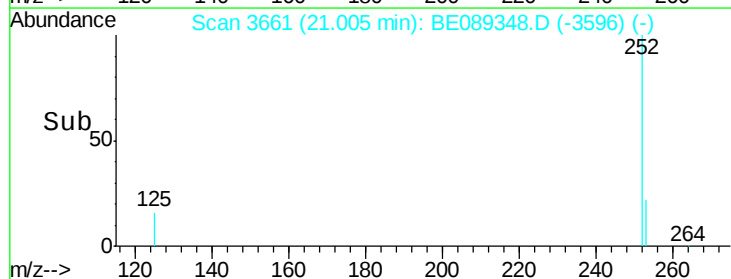
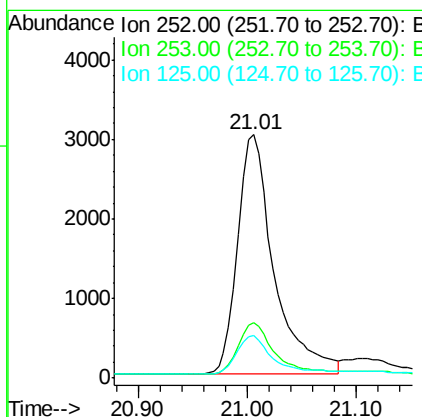
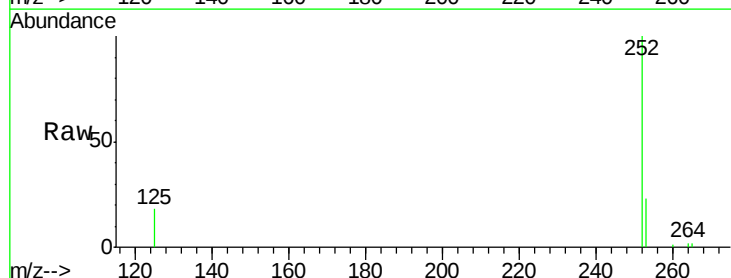
RT: 21.01 min Scan# 3661

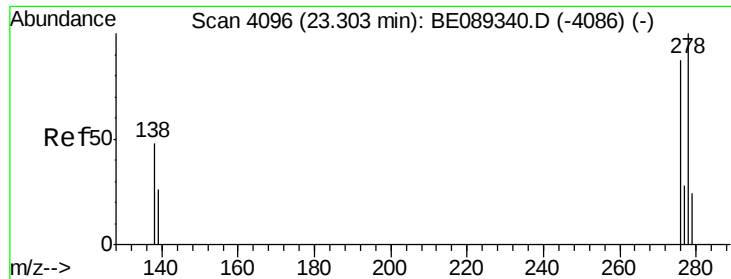
Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	252	Resp:	6979
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	17.5	13.8	20.8





#25

Dibenzo(a,h)anthracene

Concen: 1.01 ng

RT: 23.30 min Scan# 4096

Delta R.T. -0.00 min

Lab File: BE089348.D

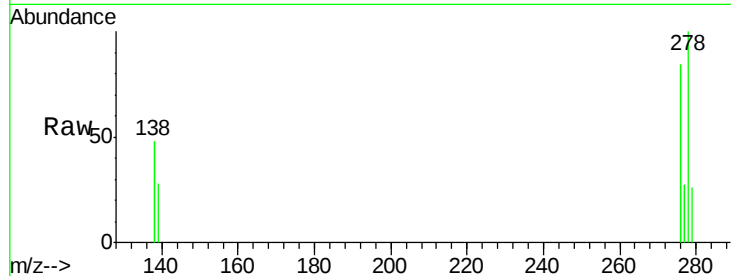
Acq: 8 Jan 2015 2:30

Instrument :

BNA_E

ClientSampleId :

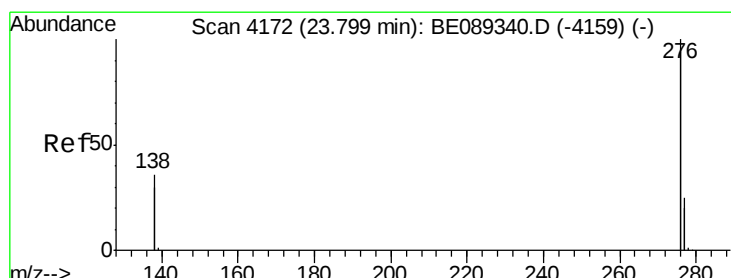
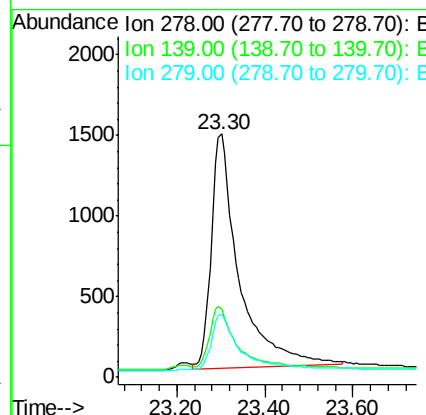
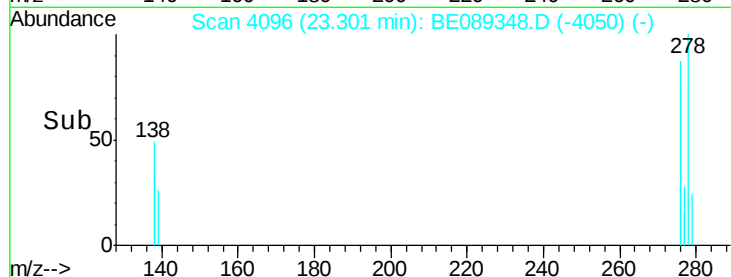
SSTDCCC001



Tgt Ion:	278	Resp:	6386
Ion Ratio	Lower	Upper	
278	100		
139	28.3	22.9	34.3
279	25.8	20.8	31.2

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#26

Benzo(g,h,i)perylene

Concen: 1.02 ng

RT: 23.80 min Scan# 4172

Delta R.T. -0.00 min

Lab File: BE089348.D

Acq: 8 Jan 2015 2:30

Tgt Ion:	276	Resp:	32332
Ion Ratio	Lower	Upper	
276	100		
277	25.2	20.0	30.0
138	36.1	28.5	42.7

