

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
 Data File : BE091073.D
 Acq On : 5 Nov 2015 19:04
 Operator : UM/NP
 Sample : G4273-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP6

Manual Integrations
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Quant Time: Nov 09 13:25:29 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3573	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19967	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11928	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28140m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	31948	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	37418	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	12180	4.74	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	4615	0.17	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	14393	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	9.62	128	28022	0.57	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	57082	1.78	ng/ul	98
9) Acenaphthylene	13.15	152	30624	0.51	ng/ul	99
10) Acenaphthene	13.46	153	265834	6.52	ng/ul	92
11) Fluorene	14.45	166	326083	6.22	ng/ul	94
14) Phenanthrene	16.17	178	5551105m	17.08	ng/ul	
15) Anthracene	16.24	178	2846921	9.64	ng/ul	97
17) Fluoranthene	18.15	202	5598146m	14.72	ng/ul	
19) Pyrene	18.54	202	3933066	10.84	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	507295	6.18	ng/ul	97
21) Chrysene	20.32	228	489080	5.18	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	329399	2.82	ng/ul	93
24) Benzo(k)fluoranthene	21.66	252	308061	2.57	ng/ul	95
25) Benzo(a)pyrene	22.03	252	180312	1.68	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.84	276	679797m	1.50	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	56163	0.52	ng/ul#	74
28) Benzo(g,h,i)perylene	24.40	276	523422	1.10	ng/ul	93

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

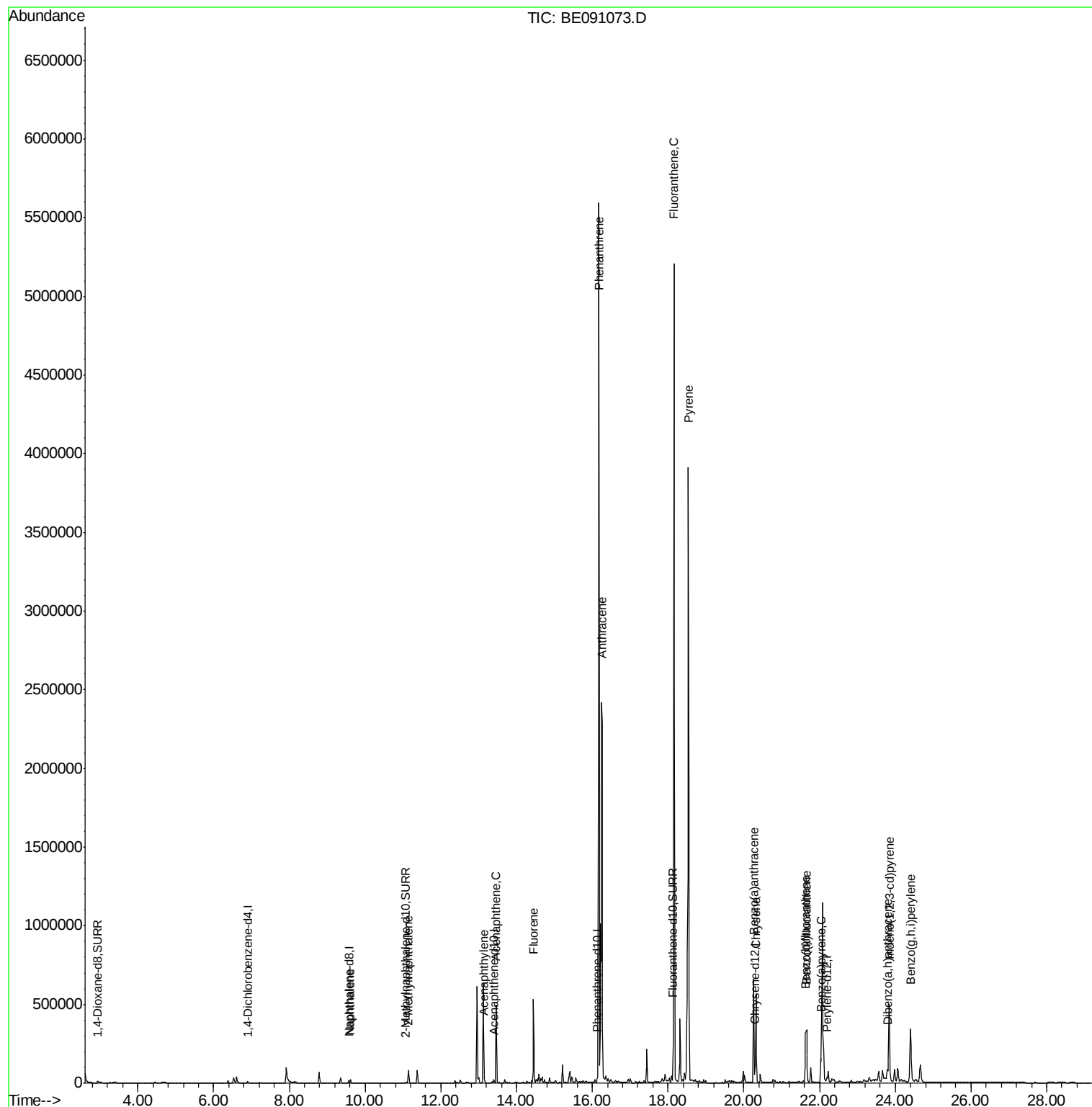
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
Data File : BE091073.D
Acq On : 5 Nov 2015 19:04
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Sample : G4273-10
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ALS Vial : 13 Sample Multiplier: 1

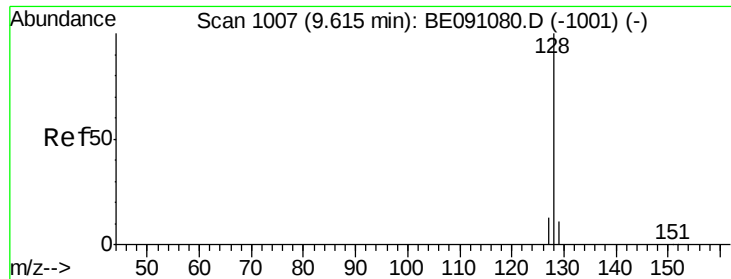
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#5

Naphthalene

Concen: 0.57 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Instrument :

BNA_E

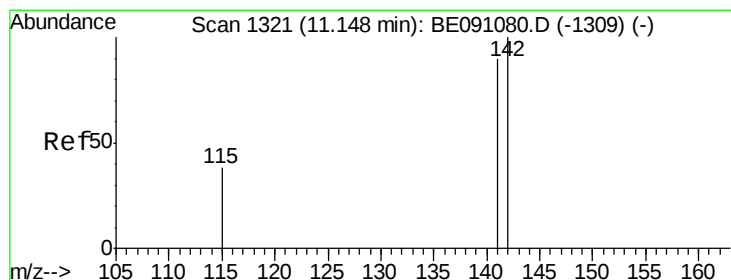
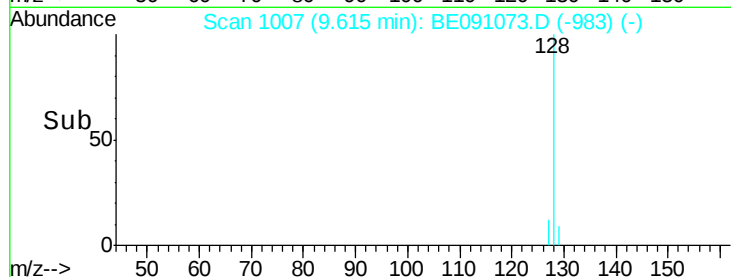
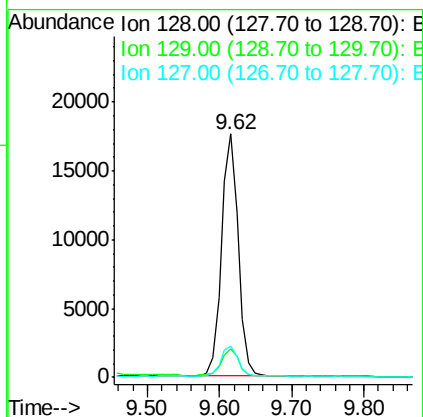
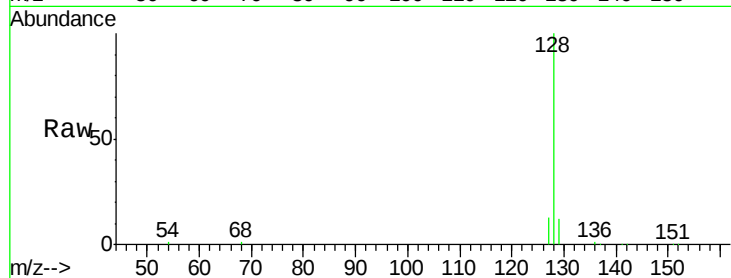
ClientSampleId :

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Tgt Ion:	128	Resp:	28022
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.8	14.8
127	12.8	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 1.78 ng/ul

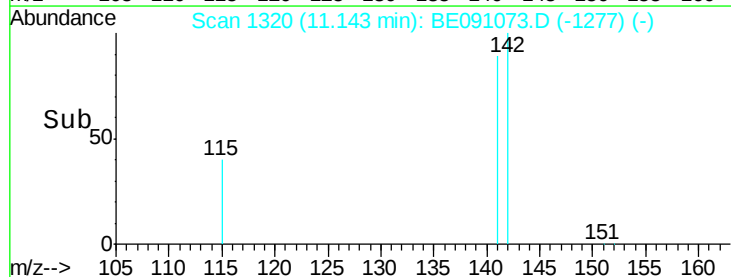
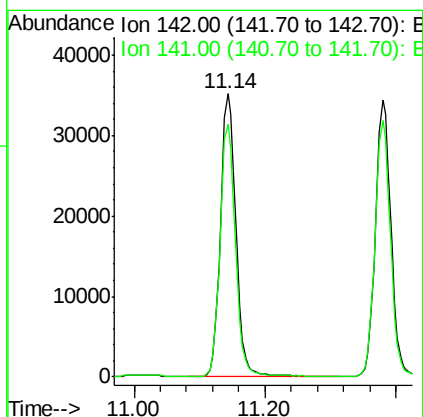
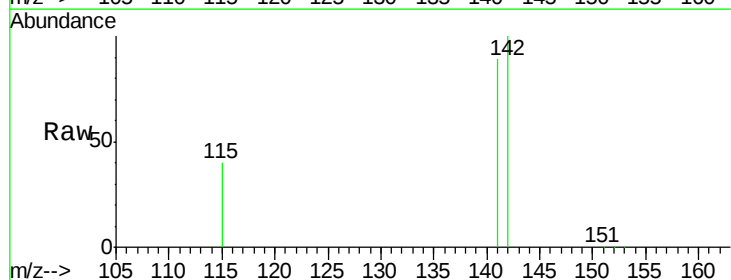
RT: 11.14 min Scan# 1320

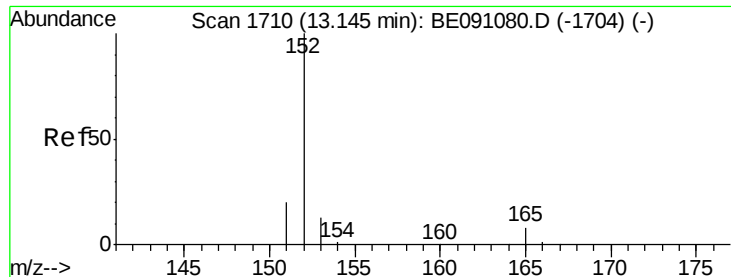
Delta R.T. -0.01 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Tgt Ion:	142	Resp:	57082
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.3	105.5





#9

Acenaphthylene

Concen: 0.51 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091073.D

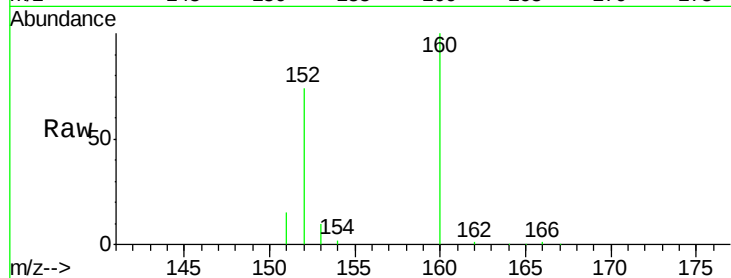
Acq: 5 Nov 2015 19:04

Instrument :

BNA_E

ClientSampleId :

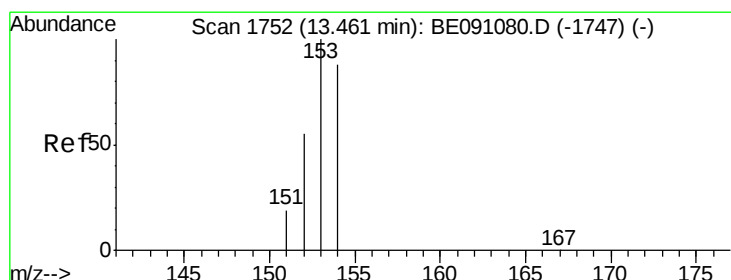
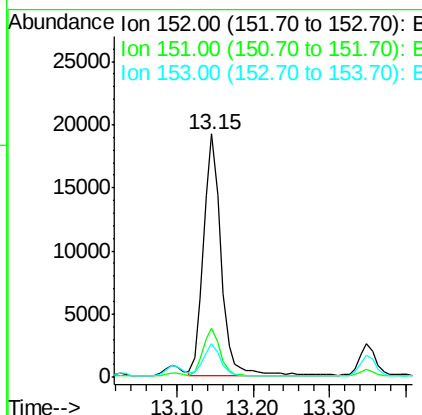
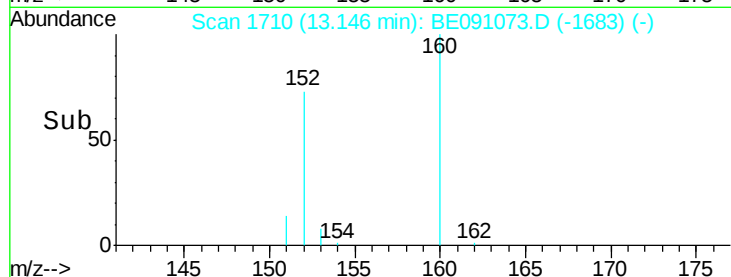
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	14.0	11.3	16.9

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#10

Acenaphthene

Concen: 6.52 ng/ul

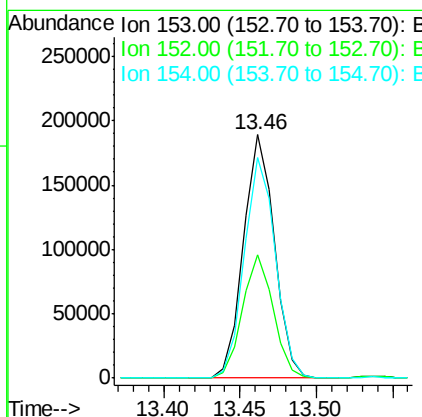
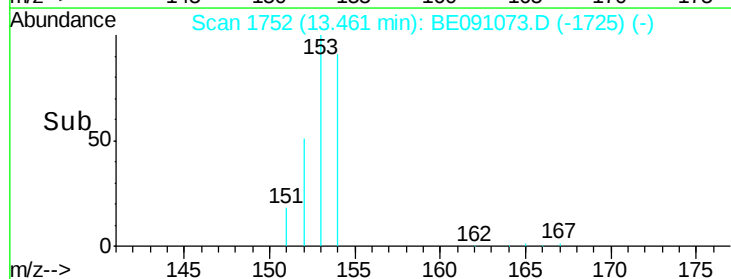
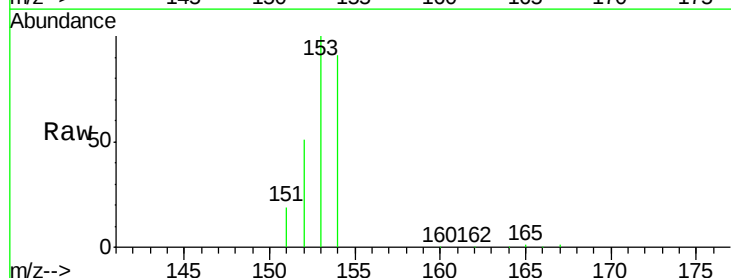
RT: 13.46 min Scan# 1752

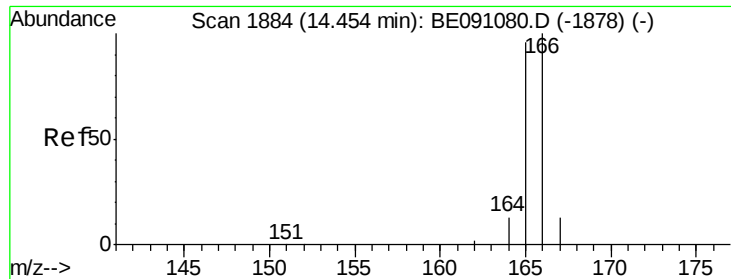
Delta R.T. 0.00 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	42.3	63.5
154	90.5	64.7	97.1





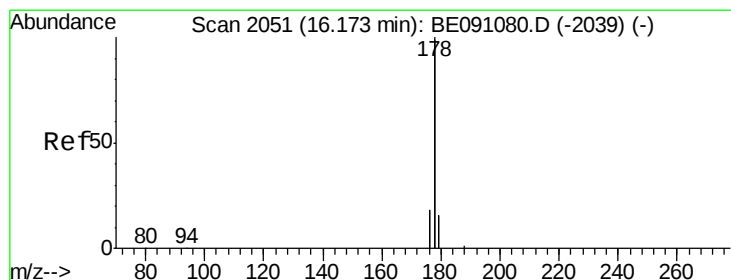
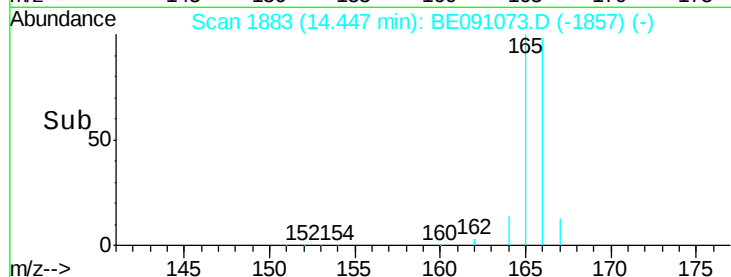
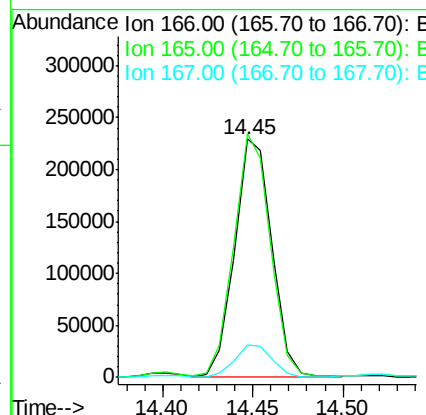
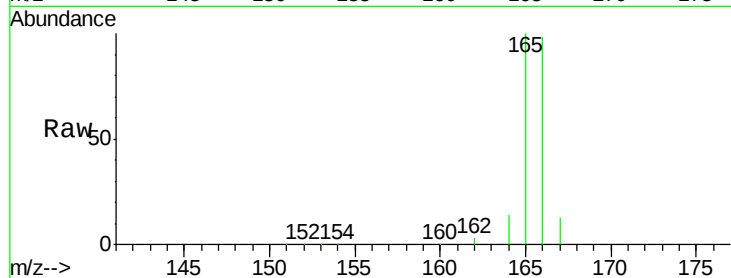
#11
Fluorene
 Concen: 6.22 ng/ul
 RT: 14.45 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BE091073.D
 Acq: 5 Nov 2015 19:04

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	87.6	131.4
167	13.5	11.1	16.7

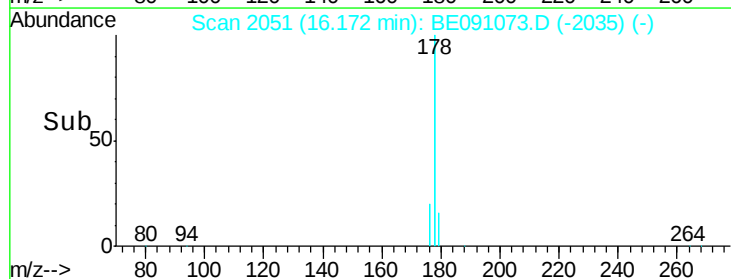
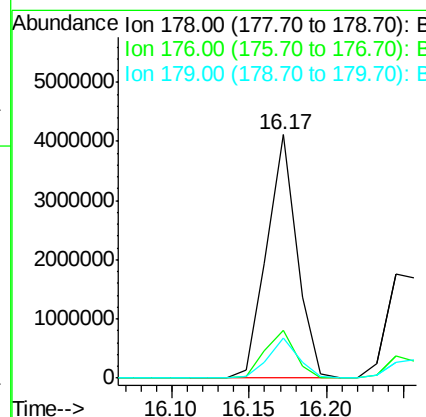
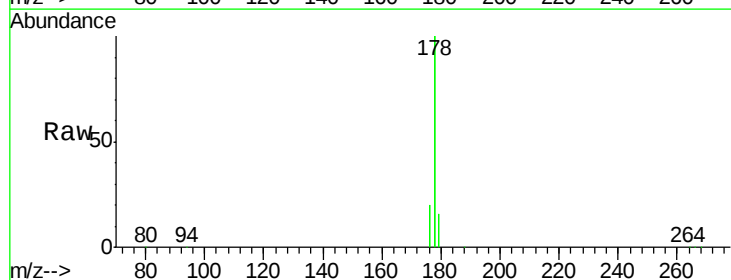
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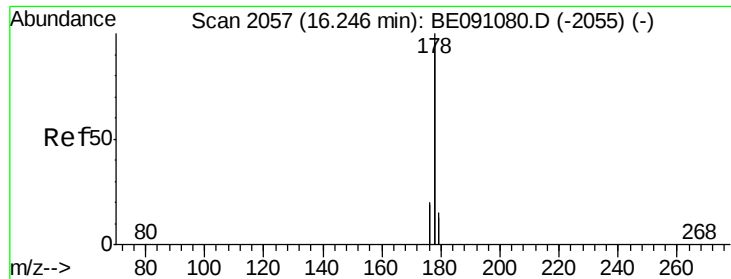
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#14
Phenanthrene
 Concen: 17.08 ng/ul m
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091073.D
 Acq: 5 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.2	12.8	19.2





#15

Anthracene

Concen: 9.64 ng/u1

RT: 16.24 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Instrument :

BNA_E

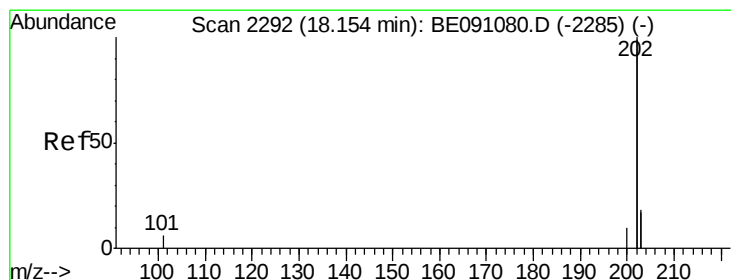
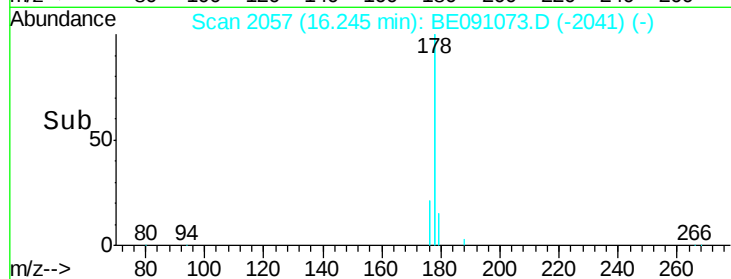
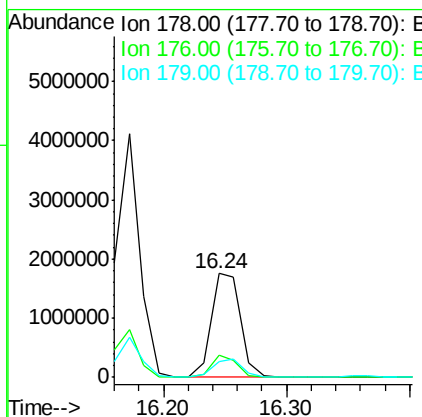
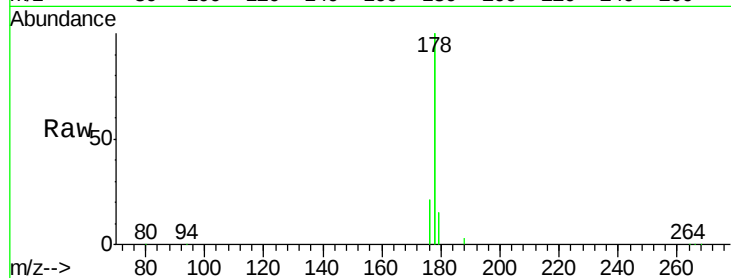
ClientSampleId :

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Tgt Ion:	178	Resp:	2846921
Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	15.1	13.3	19.9



#17

Fluoranthene

Concen: 14.72 ng/u1 m

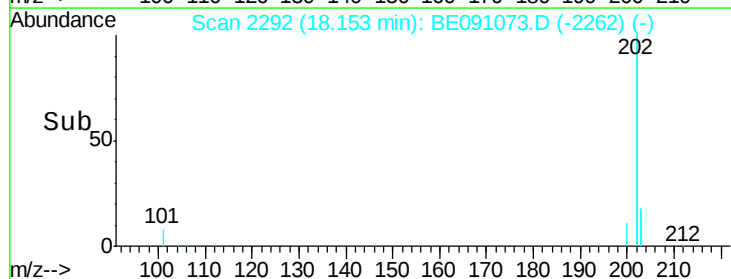
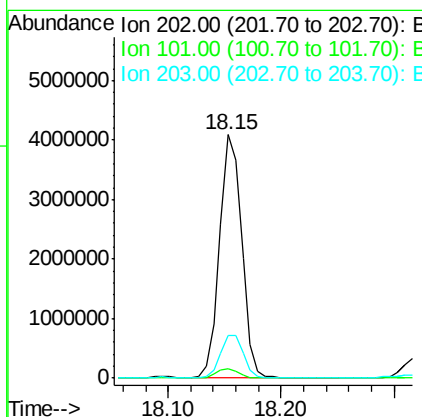
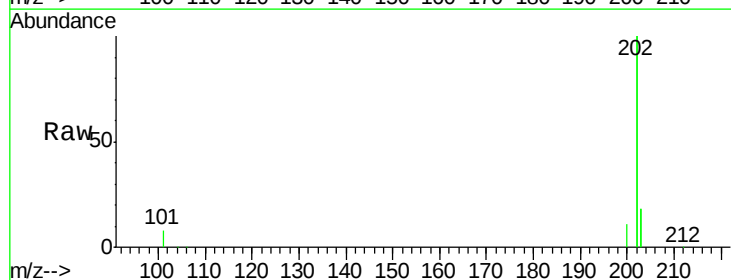
RT: 18.15 min Scan# 2292

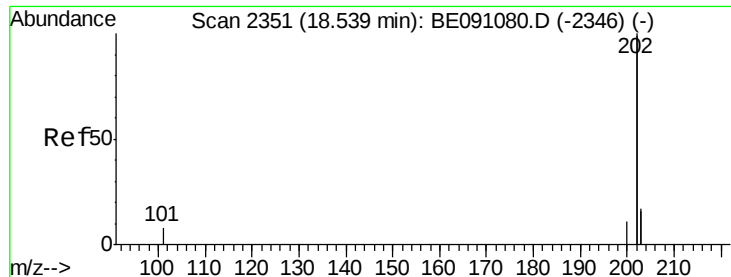
Delta R.T. -0.00 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Tgt Ion:	202	Resp:	5598146
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	33.1
203	17.6	0.0	37.2





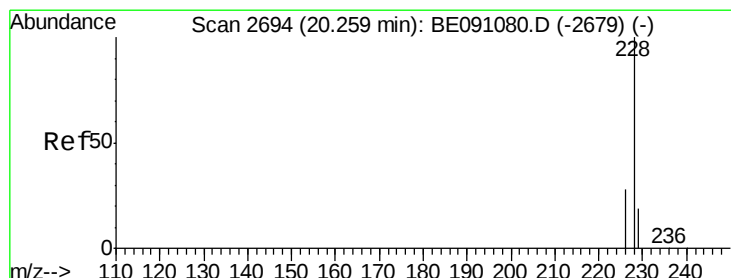
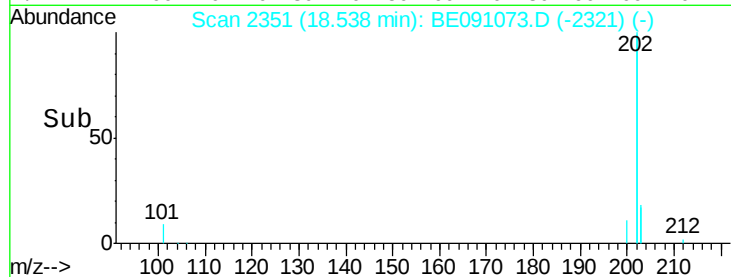
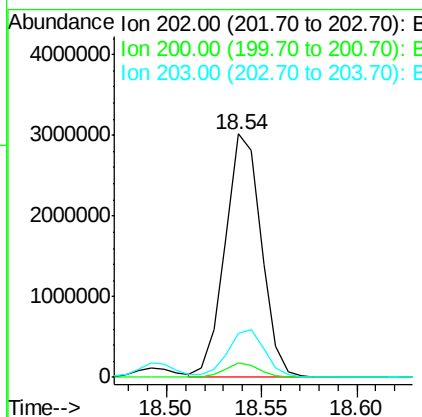
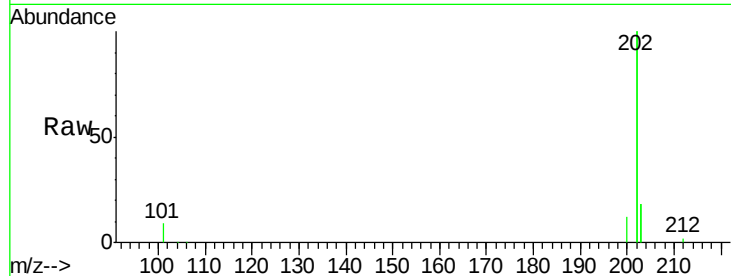
#19
Pyrene
Concen: 10.84 ng/u1
RT: 18.54 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE091073.D
Acq: 5 Nov 2015 19:04

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.8	18.0	27.0#
203	18.1	13.8	20.6

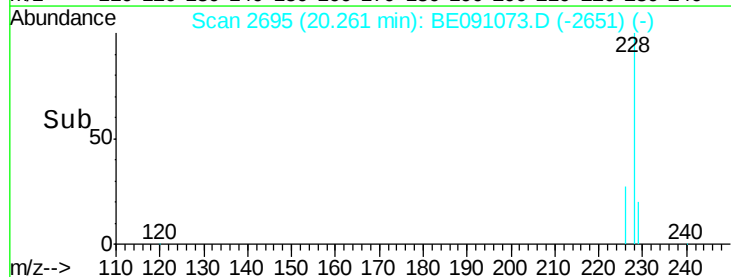
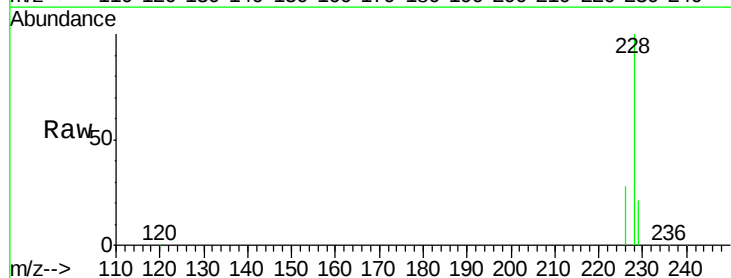
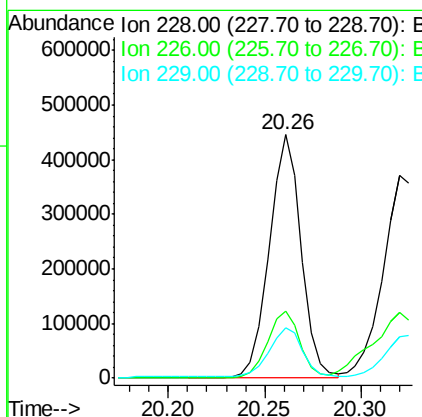
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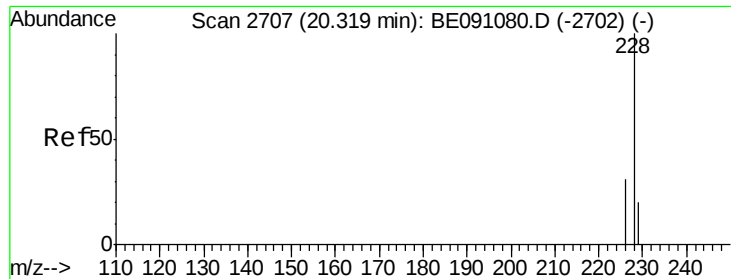
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#20
Benzo(a)anthracene
Concen: 6.18 ng/u1
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091073.D
Acq: 5 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	20.8	15.2	22.8





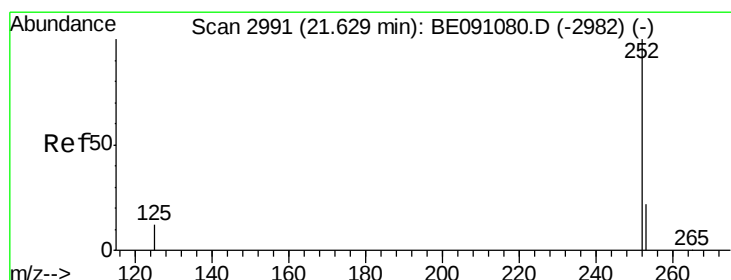
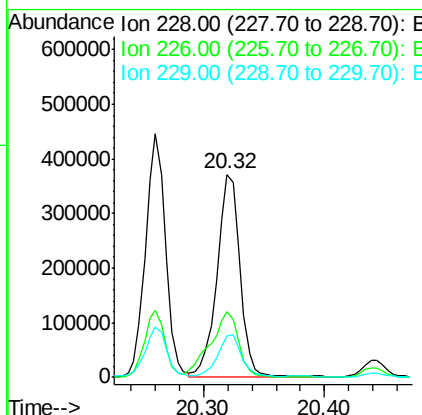
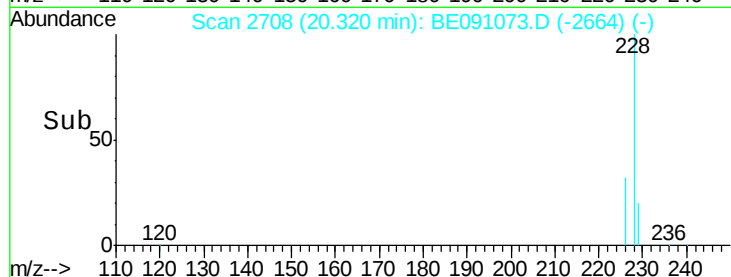
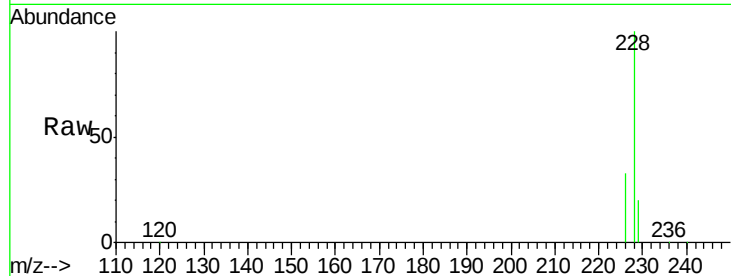
#21
Chrysene
Concen: 5.18 ng/u1
RT: 20.32 min Scan# 2708
Delta R.T. 0.00 min
Lab File: BE091073.D
Acq: 5 Nov 2015 19:04

Instrument :
BNA_E
ClientSampleId :
C0AP6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.7	38.5
229	20.4	15.2	22.8

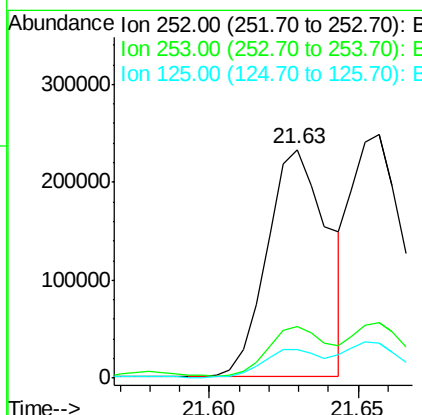
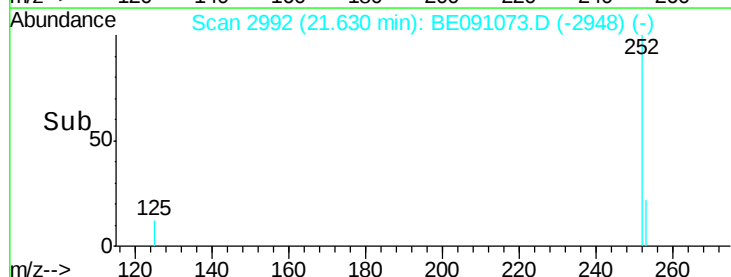
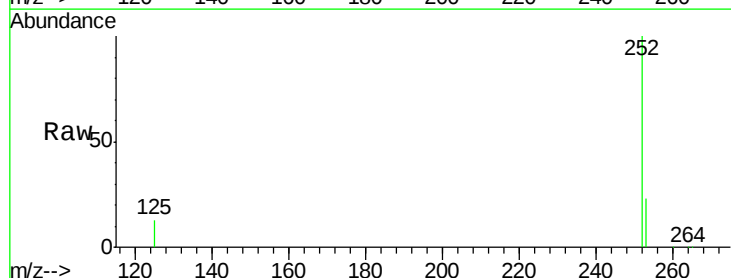
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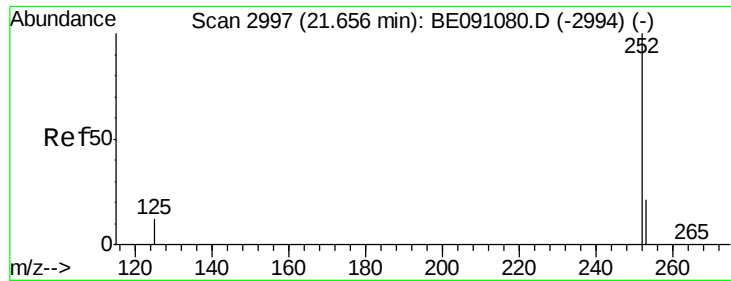
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#23
Benzo(b)fluoranthene
Concen: 2.82 ng/u1
RT: 21.63 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE091073.D
Acq: 5 Nov 2015 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	48.0
125	12.7	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 2.57 ng/ul

RT: 21.66 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE091073.D

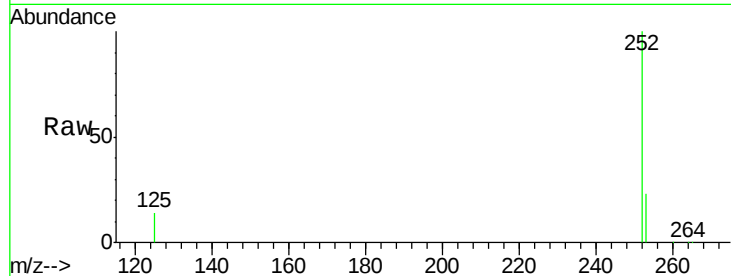
Acq: 5 Nov 2015 19:04

Instrument :

BNA_E

ClientSampleId :

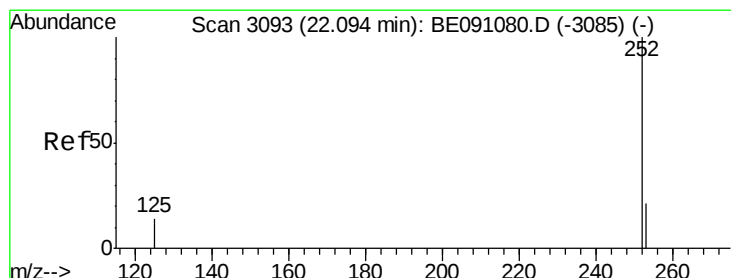
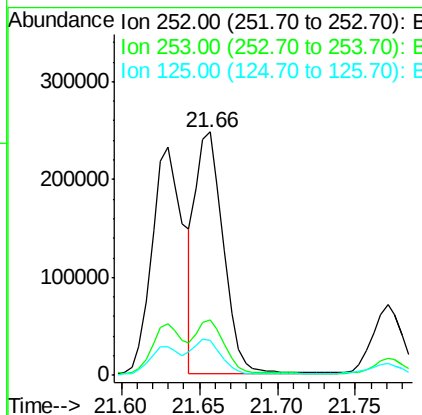
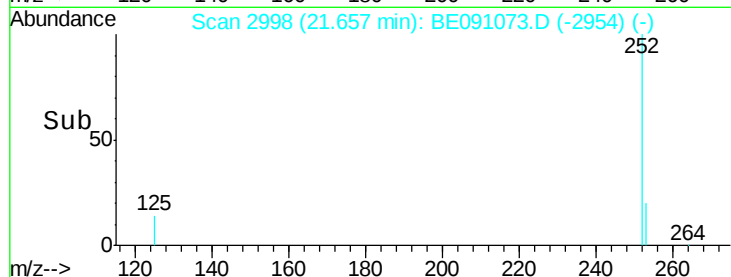
C0AP6



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.8	31.2
125	14.3	12.2	18.4

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#25

Benzo(a)pyrene

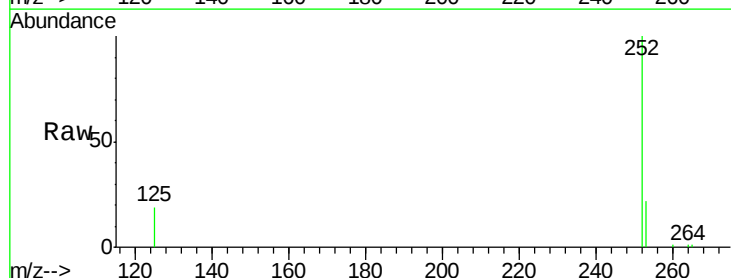
Concen: 1.68 ng/ul

RT: 22.03 min Scan# 3081

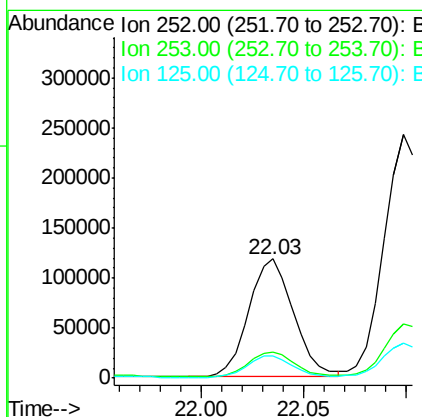
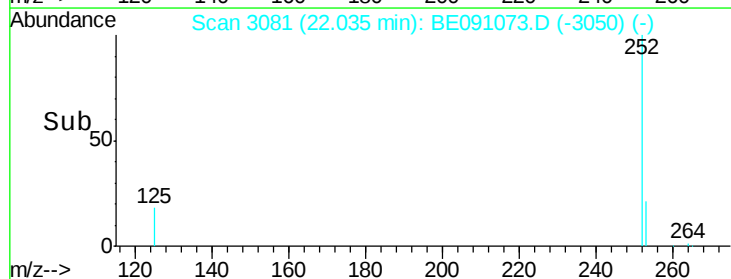
Delta R.T. -0.06 min

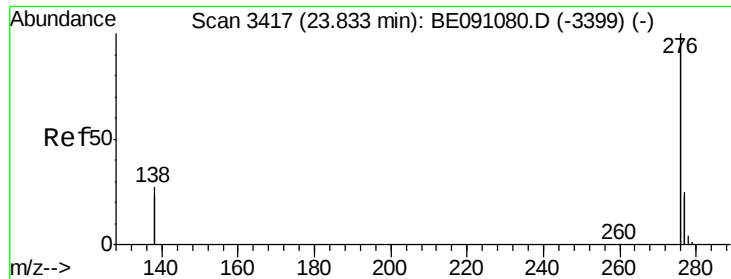
Lab File: BE091073.D

Acq: 5 Nov 2015 19:04



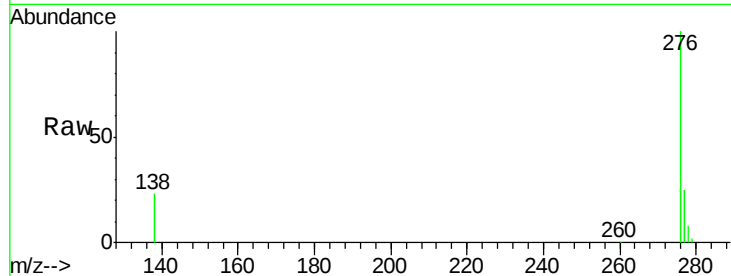
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.8	32.8
125	18.7	14.5	21.7





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 1.50 ng/ul m
 RT: 23.84 min Scan# 3419
 Delta R.T. 0.01 min
 Lab File: BE091073.D
 Acq: 5 Nov 2015 19:04

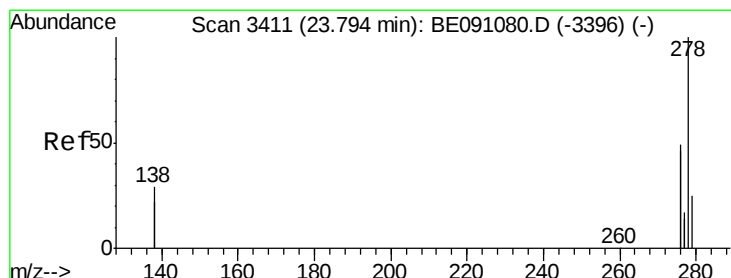
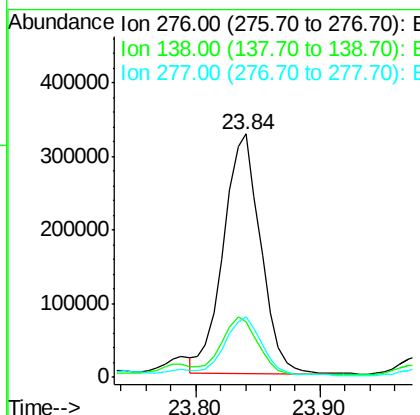
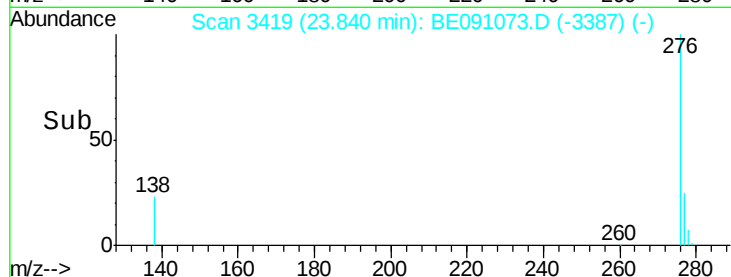
Instrument :
 BNA_E
 ClientSampleId :
 C0AP6



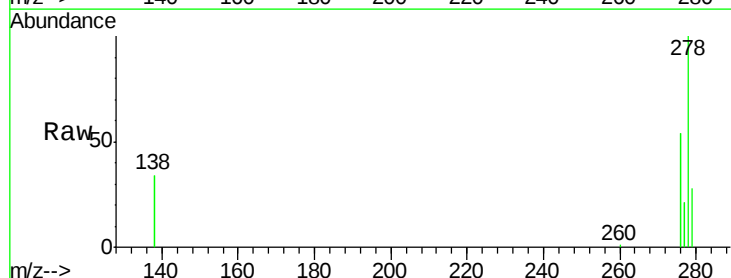
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	27.5	41.3#
277	24.2	19.3	28.9

Manual Integrations
 APPROVED

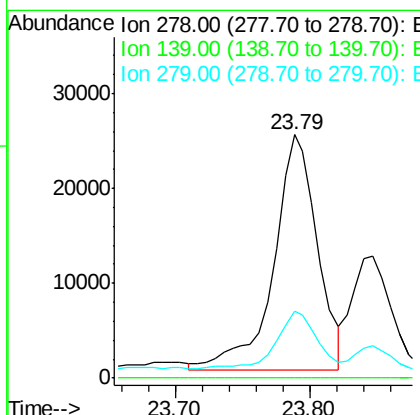
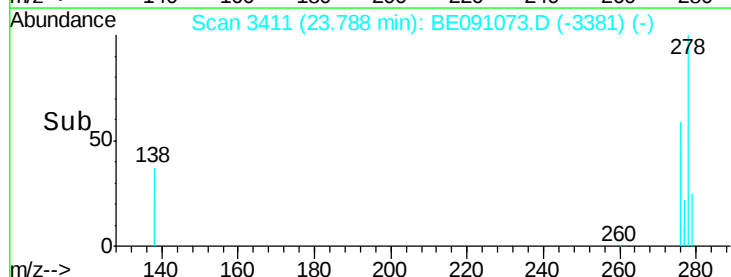
Mmdadoda
 11/9/2015 2:07:12 PM

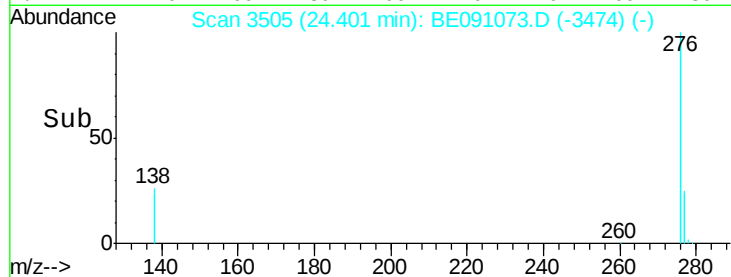
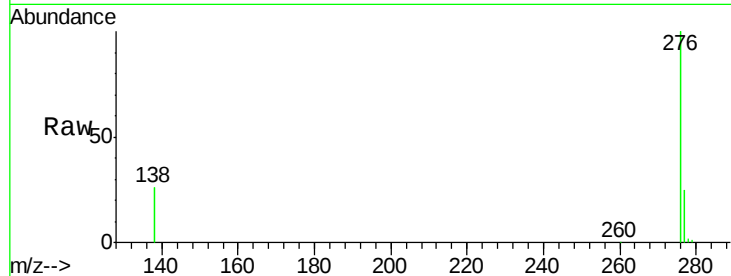
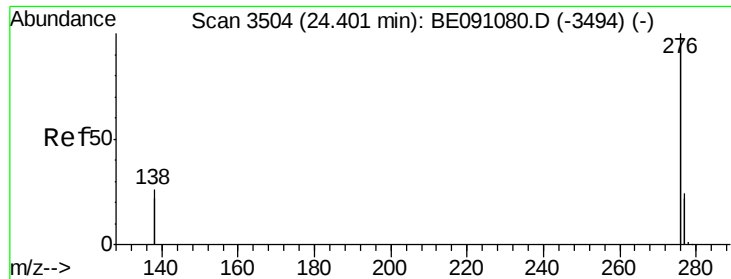


#27
 Dibenzo(a,h)anthracene
 Concen: 0.52 ng/ul
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.01 min
 Lab File: BE091073.D
 Acq: 5 Nov 2015 19:04



Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	27.6	21.9	32.9





#28

Benzo(g,h,i)perylene

Concen: 1.10 ng/ul

RT: 24.40 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BE091073.D

Acq: 5 Nov 2015 19:04

Instrument :

BNA_E

ClientSampleId :

C0AP6

Tgt Ion: 276 Resp: 523422

Ion Ratio Lower Upper

276 100

277 25.1 21.3 31.9

138 26.2 25.5 38.3

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:07:12 PM

