

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091297.D
 Acq On : 23 Nov 2015 12:54
 Operator : UM/NP
 Sample : G4322-07RX
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8RX

Manual Integrations
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 11/24/2015 1:06:33 PM

Quant Time: Nov 24 00:46:17 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 : Tue Nov 24 00:31:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2781	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	13268	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6260	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	15857	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	19472	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	22185	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	10870	5.43	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.07	152	1768	0.10	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	3769	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	11878	0.36	ng/ul	99
7) 2-Methylnaphthalene	11.13	142	1404	0.07	ng/ul	99
9) Acenaphthylene	13.11	152	4960	0.16	ng/ul	98
11) Fluorene	14.41	166	1674	0.06	ng/ul#	88
13) Pentachlorophenol	15.86	266	362	0.24	ng/ul	95
14) Phenanthrene	16.11	178	154651	0.84	ng/ul	99
15) Anthracene	16.20	178	28119m	0.17	ng/ul	
17) Fluoranthene	18.09	202	235795	1.10	ng/ul	90
19) Pyrene	18.47	202	194372	0.88	ng/ul#	78
20) Benzo(a)anthracene	20.19	228	25864	0.52	ng/ul#	94
21) Chrysene	20.26	228	29862	0.52	ng/ul#	93
23) Benzo(b)fluoranthene	21.55	252	19853	0.29	ng/ul	86
24) Benzo(k)fluoranthene	21.58	252	24141	0.34	ng/ul#	84
25) Benzo(a)pyrene	22.01	252	22710	0.36	ng/ul#	88
26) Indeno(1,2,3-cd)pyrene	23.70	276	54286	0.20	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.65	278	5007	0.08	ng/ul#	62
28) Benzo(g,h,i)perylene	24.26	276	44223	0.16	ng/ul	96

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

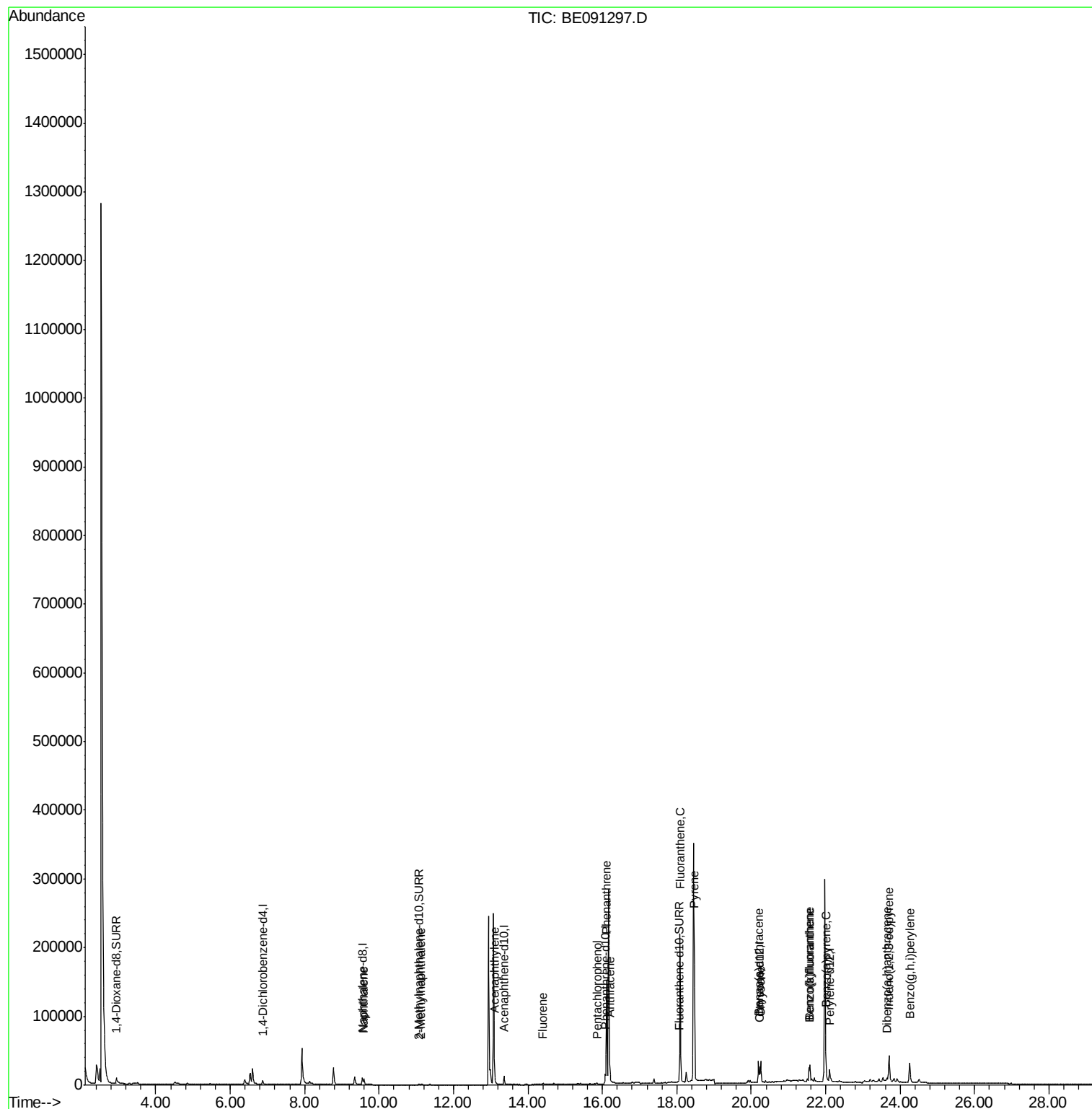
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
Data File : BE091297.D
Acq On : 23 Nov 2015 12:54
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Sample : G4322-07RX
Misc :
ALS Vial : 3 Sample Multiplier: 1

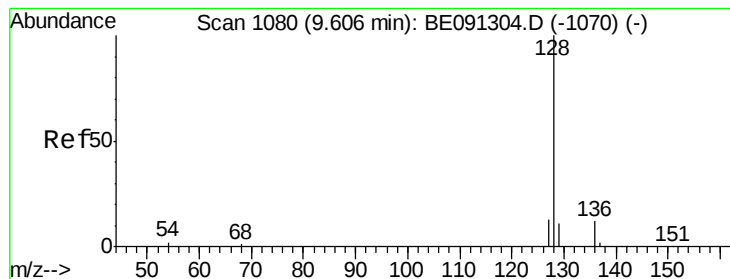
Instrument :
BNA_E
ClientSampleId :
A4HR8RX

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Quant Time: Nov 24 00:46:17 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 : Tue Nov 24 00:31:29 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.36 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091297.D

Acq: 23 Nov 2015 12:54

Instrument :

BNA_E

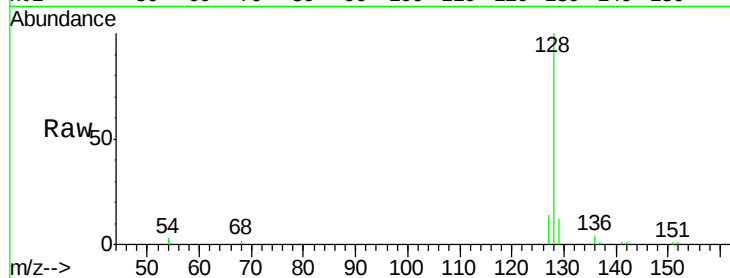
ClientSampleId :

A4HR8RX

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.8
127	13.9	10.7	16.1

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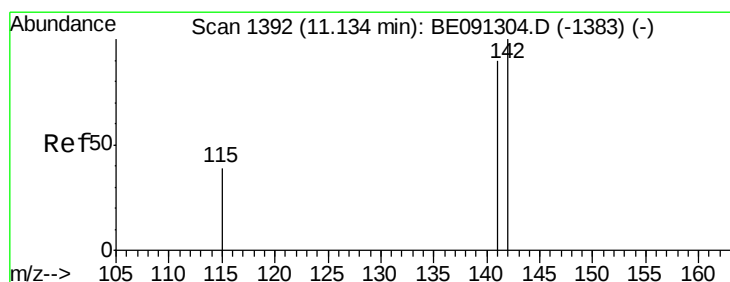
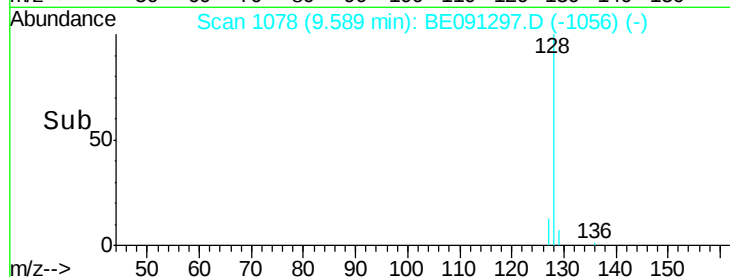
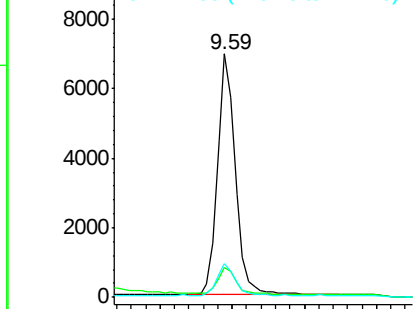
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.07 ng/ul

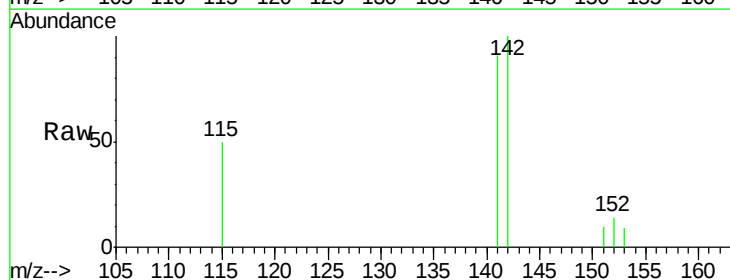
RT: 11.13 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE091297.D

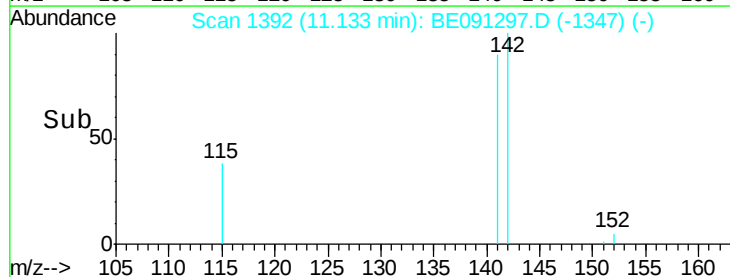
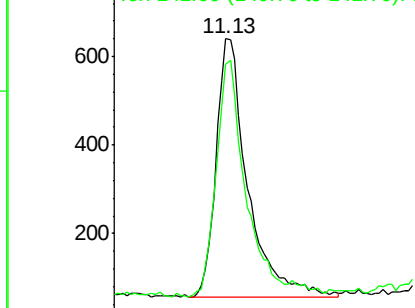
Acq: 23 Nov 2015 12:54

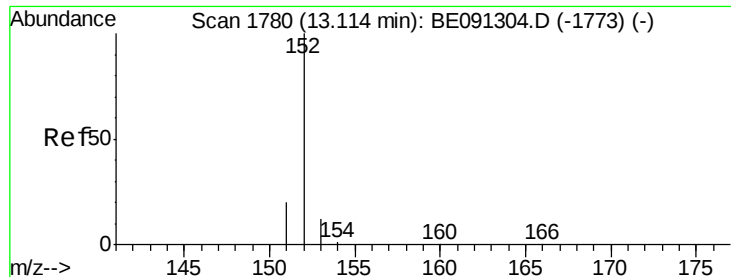
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.16 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091297.D

Acq: 23 Nov 2015 12:54

Instrument :

BNA_E

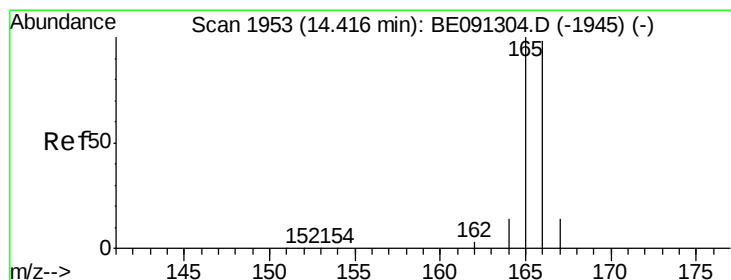
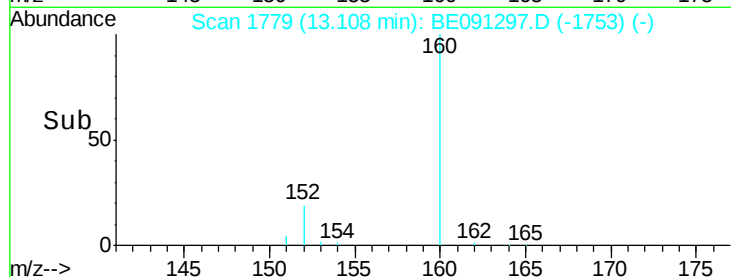
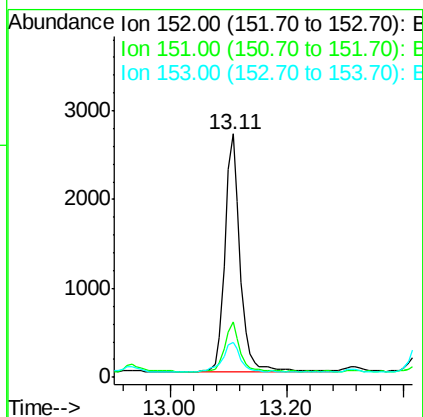
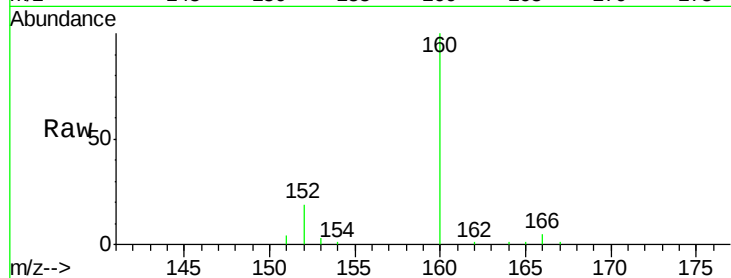
ClientSampleId :

A4HR8RX

Tot Ion:	152	Resp:	4960
Ion Ratio	Lower	Upper	
152	100		
151	22.6	16.8	25.2
153	14.2	11.3	16.9

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#11

Fluorene

Concen: 0.06 ng/ul

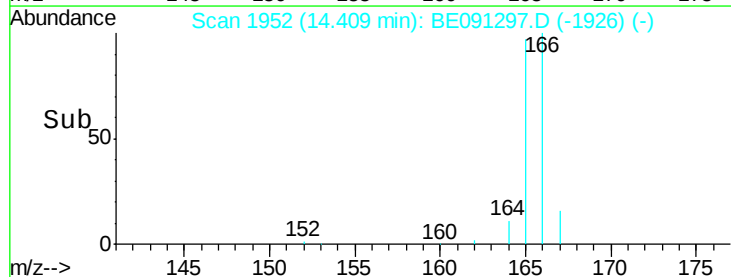
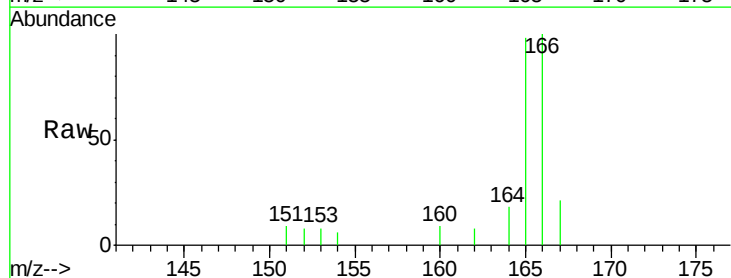
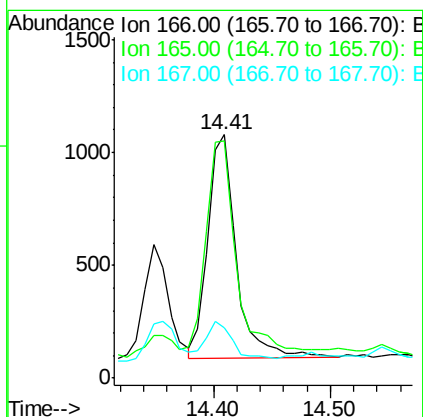
RT: 14.41 min Scan# 1952

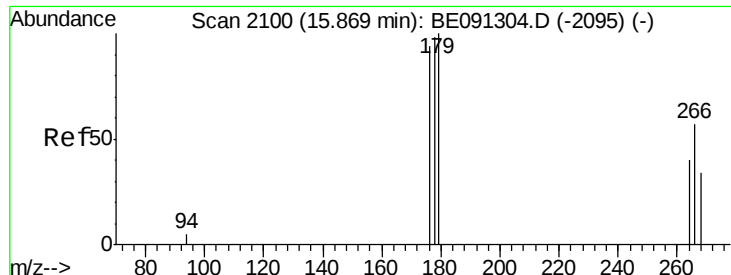
Delta R.T. -0.01 min

Lab File: BE091297.D

Acq: 23 Nov 2015 12:54

Tgt Ion:	166	Resp:	1674
Ion Ratio	Lower	Upper	
166	100		
165	97.7	87.6	131.4
167	20.9	11.1	16.7#





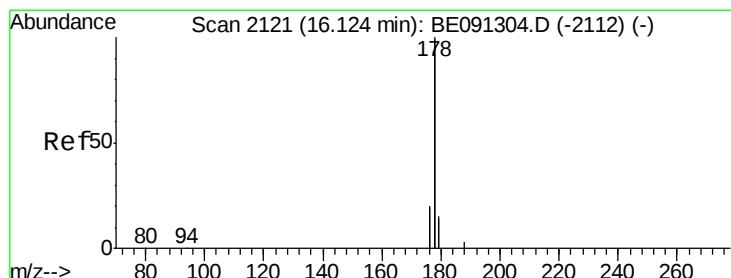
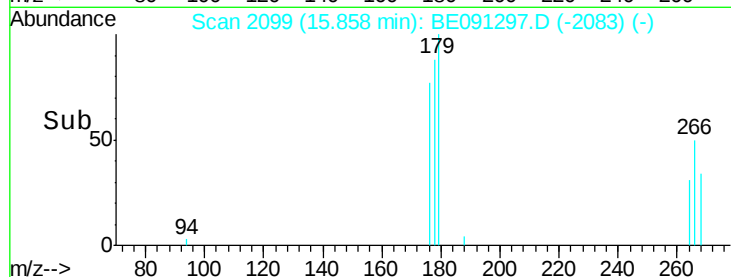
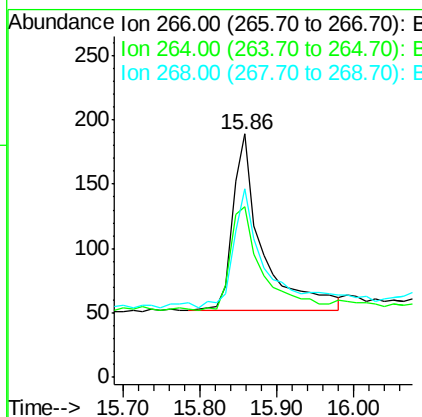
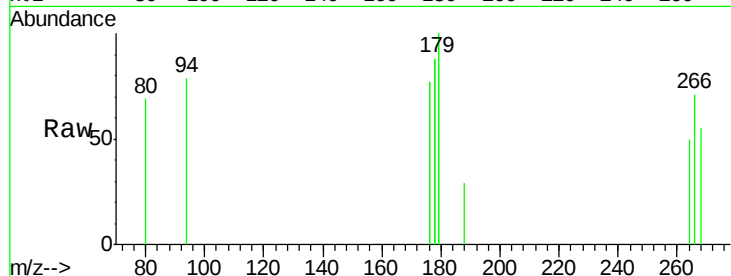
#13
 Pentachlorophenol
 Concen: 0.24 ng/ul
 RT: 15.86 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8RX

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.9	53.5	80.3
268	74.3	54.2	81.2

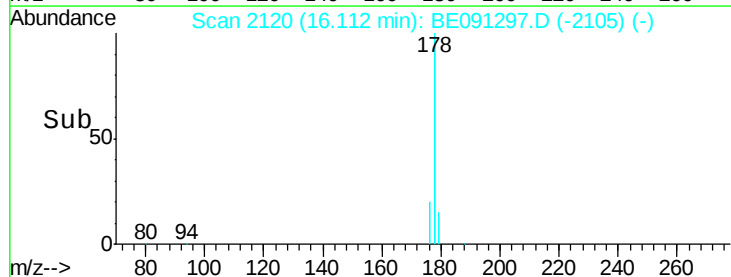
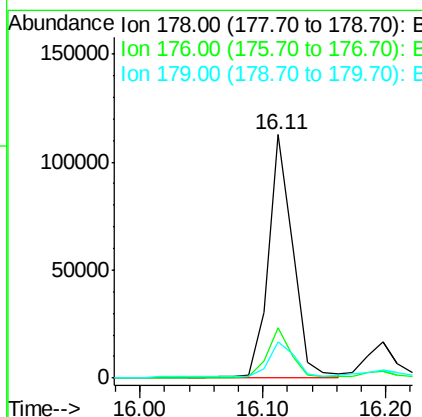
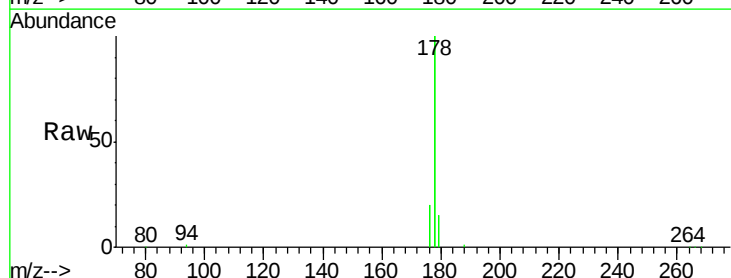
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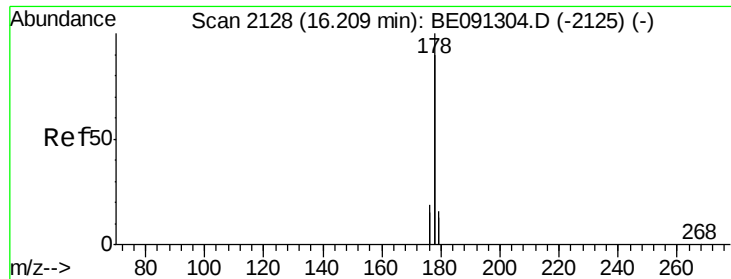
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#14
 Phenanthrene
 Concen: 0.84 ng/ul
 RT: 16.11 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.0	12.8	19.2





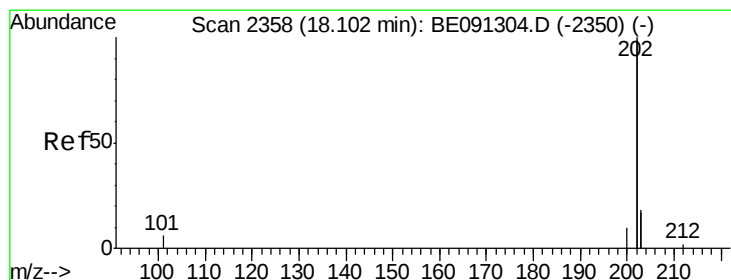
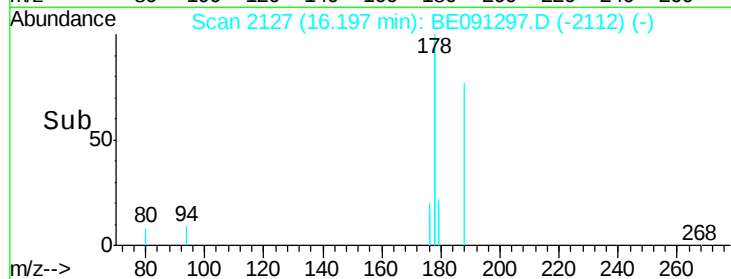
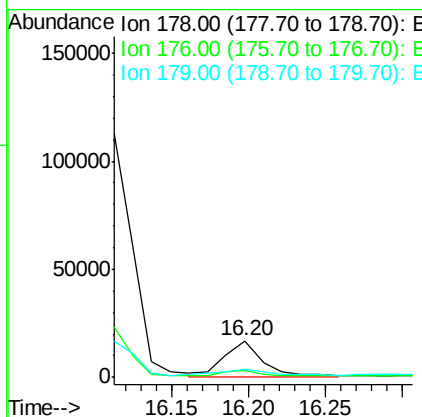
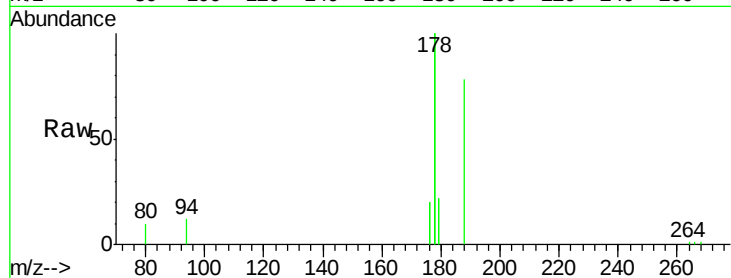
#15
 Anthracene
 Concen: 0.17 ng/ul m
 RT: 16.20 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	22.1	13.3	19.9

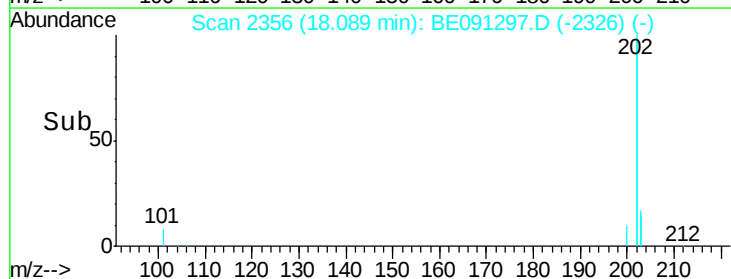
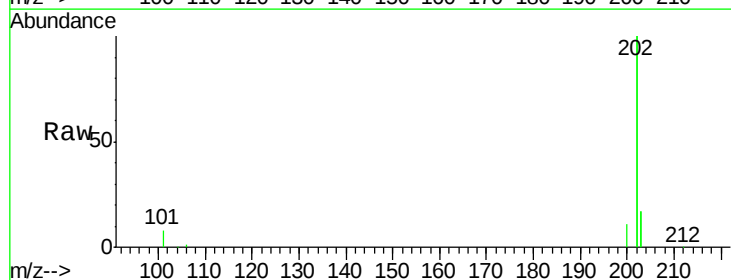
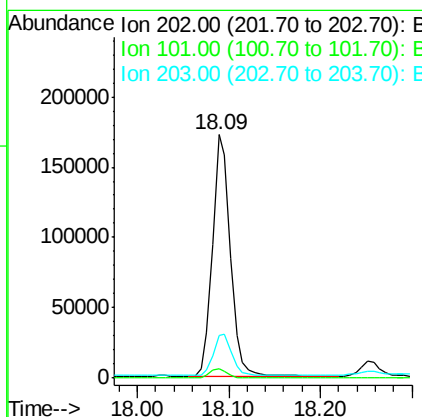
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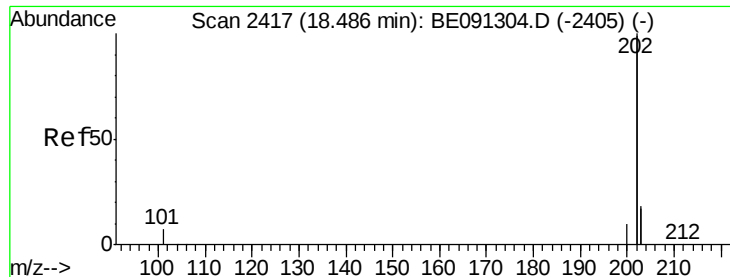
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#17
 Fluoranthene
 Concen: 1.10 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	33.1
203	17.3	0.0	37.2





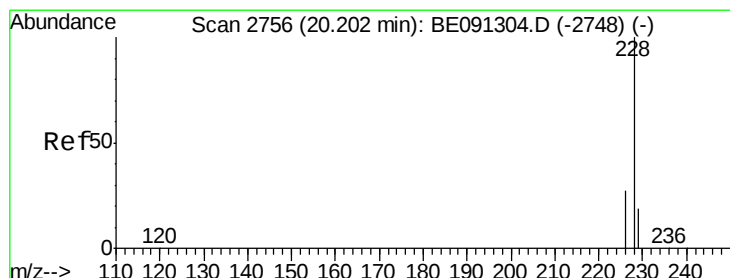
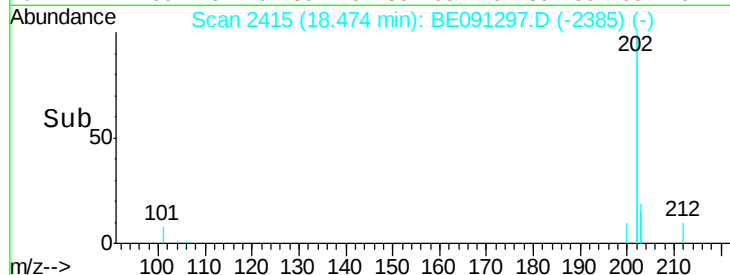
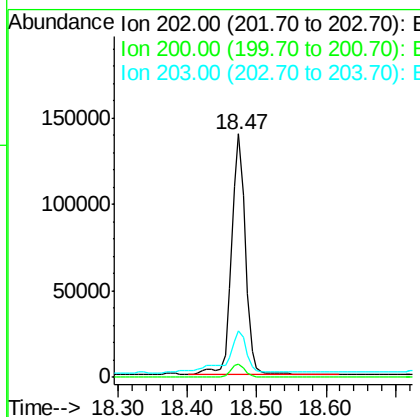
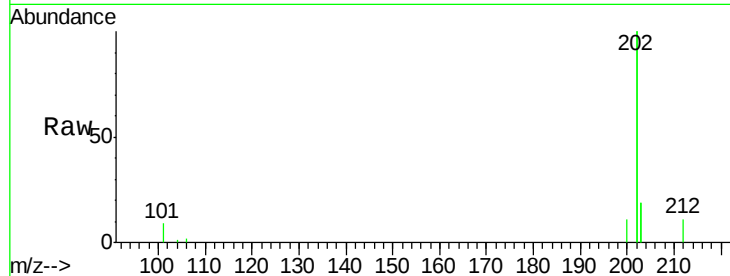
#19
Pvrene
Concen: 0.88 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091297.D
Acq: 23 Nov 2015 12:54

Instrument :
BNA_E
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	19.3	13.8	20.6

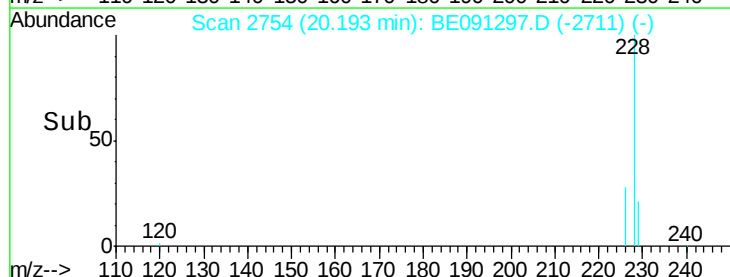
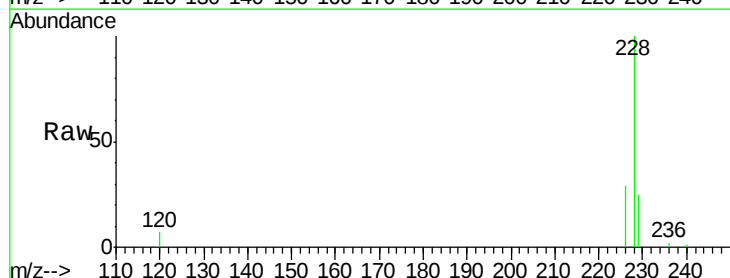
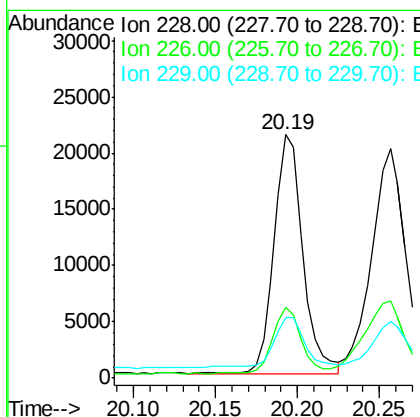
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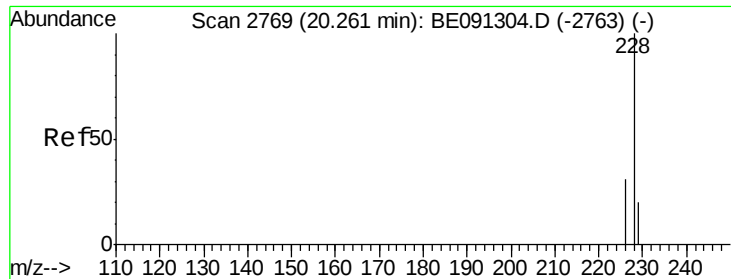
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#20
Benzo(a)anthracene
Concen: 0.52 ng/ul
RT: 20.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE091297.D
Acq: 23 Nov 2015 12:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.3	23.0	34.4
229	24.9	15.2	22.8#





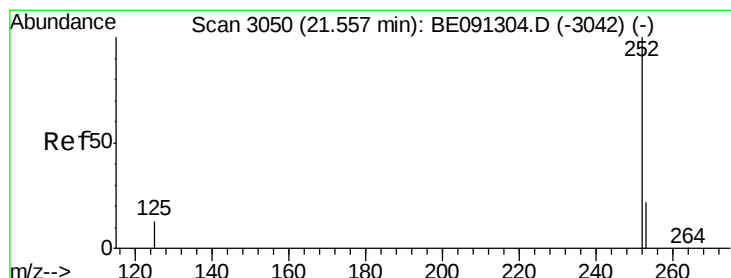
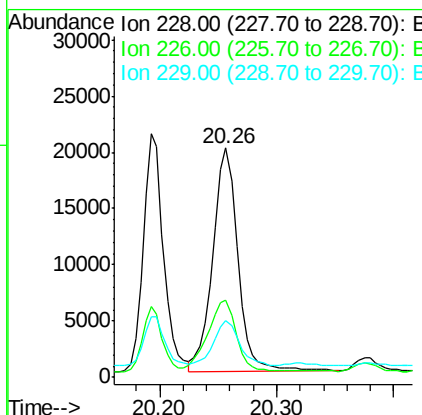
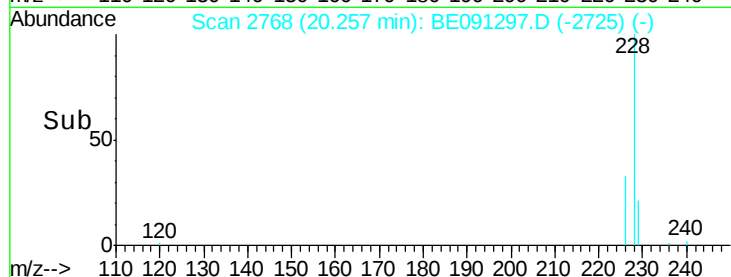
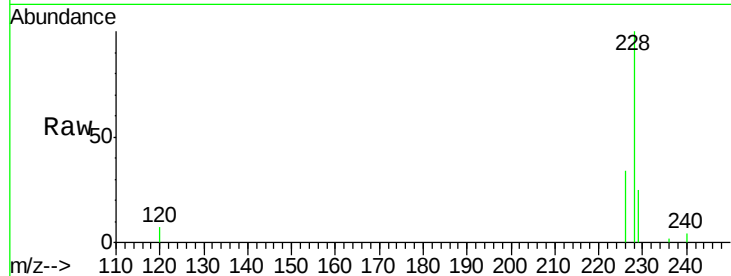
#21
Chrysene
Concen: 0.52 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091297.D
Acq: 23 Nov 2015 12:54

Instrument :
BNA_E
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.7	38.5
229	25.0	15.2	22.8

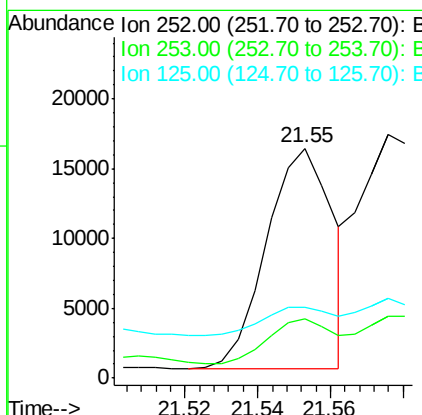
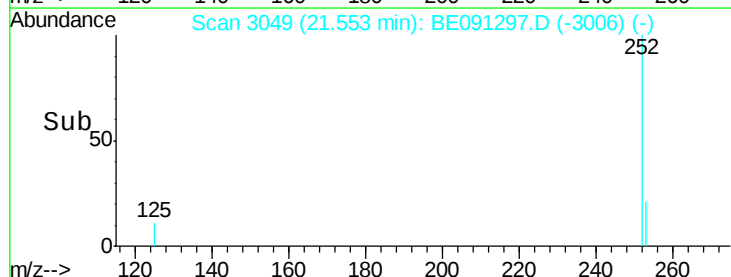
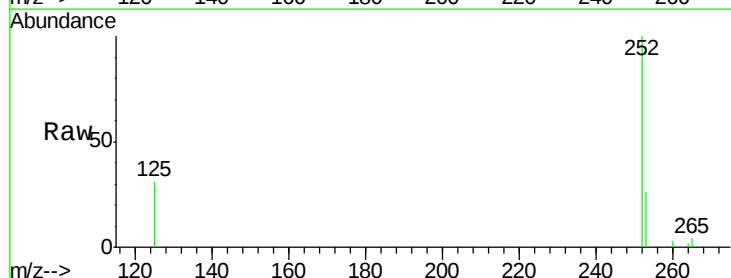
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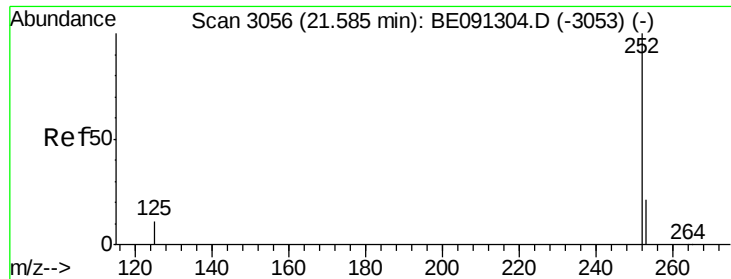
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#23
Benzo(b)fluoranthene
Concen: 0.29 ng/ul
RT: 21.55 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BE091297.D
Acq: 23 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	48.0
125	30.6	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.34 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091297.D

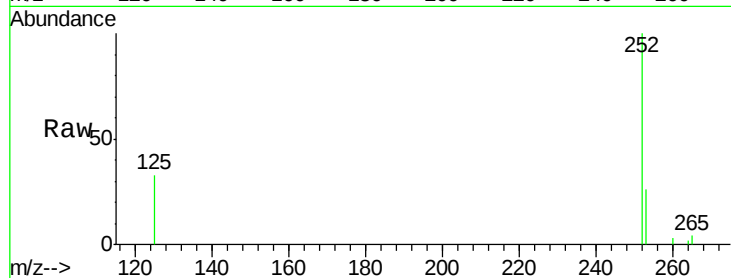
Acq: 23 Nov 2015 12:54

Instrument :

BNA_E

ClientSampleId :

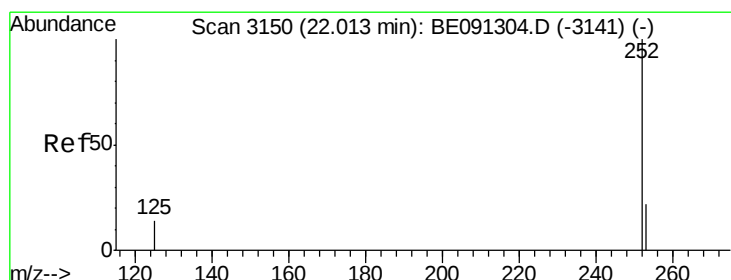
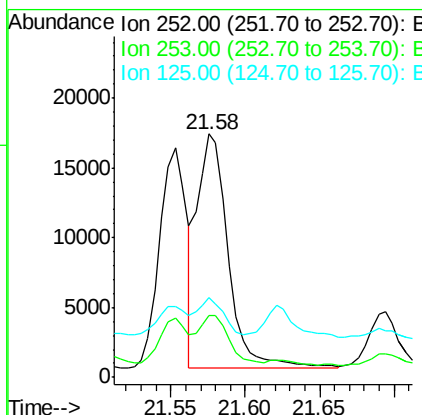
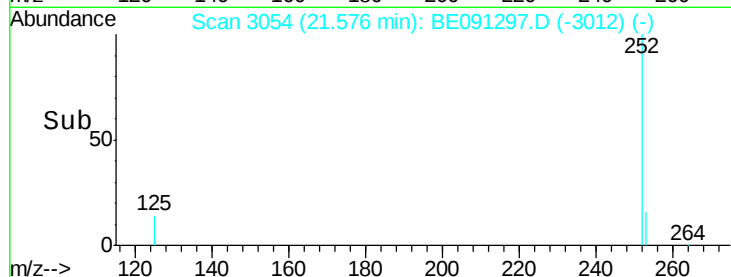
A4HR8RX



Tot Ion:	252	Resp:	24141
Ion Ratio	Lower	Upper	
252	100		
253	25.6	20.8	31.2
125	33.0	12.2	18.4#

Manual Integrations
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#25

Benzo(a)pyrene

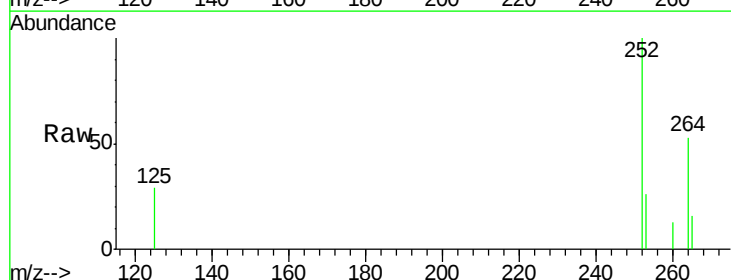
Concen: 0.36 ng/ul

RT: 22.01 min Scan# 3149

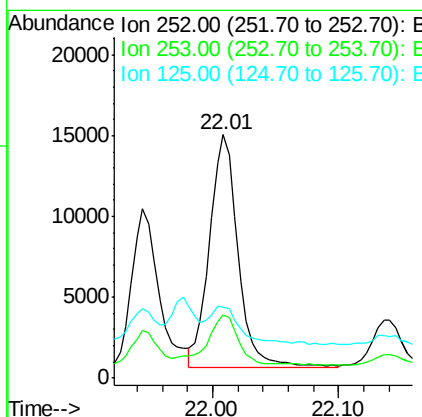
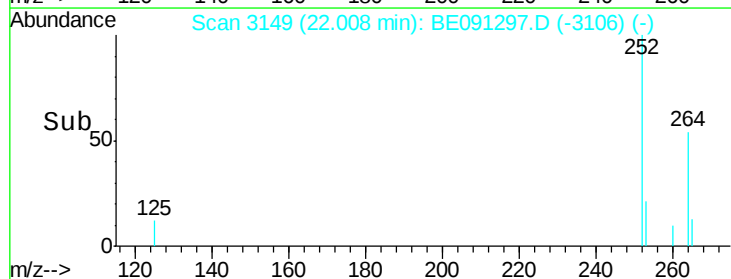
Delta R.T. -0.00 min

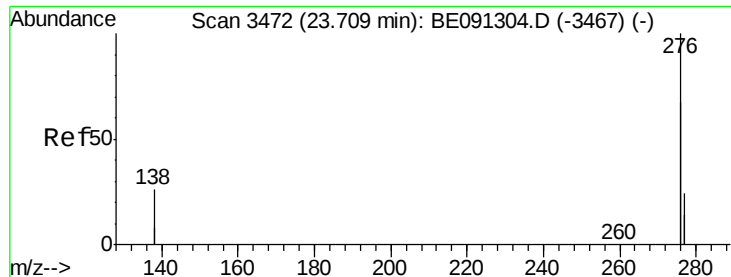
Lab File: BE091297.D

Acq: 23 Nov 2015 12:54



Tgt Ion:	252	Resp:	22710
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.8	32.8
125	29.3	14.5	21.7#





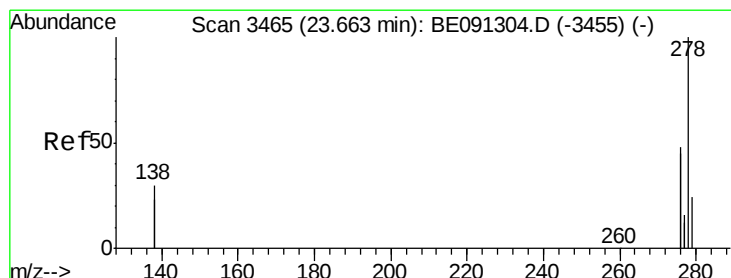
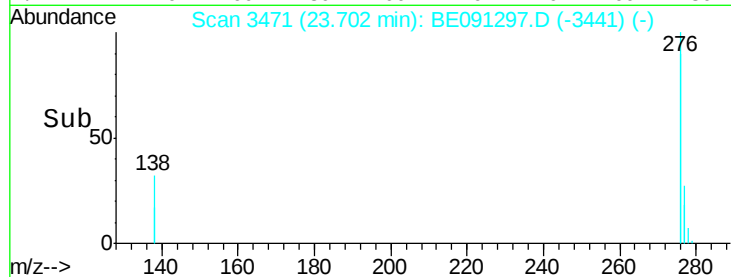
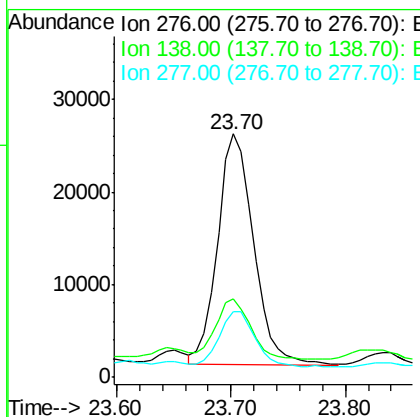
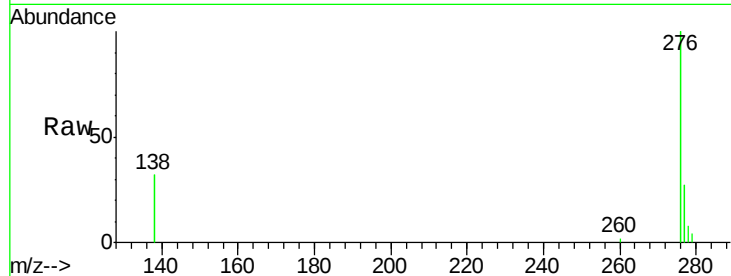
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.20 ng/ul
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8RX

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	27.5	41.3#
277	23.5	19.3	28.9

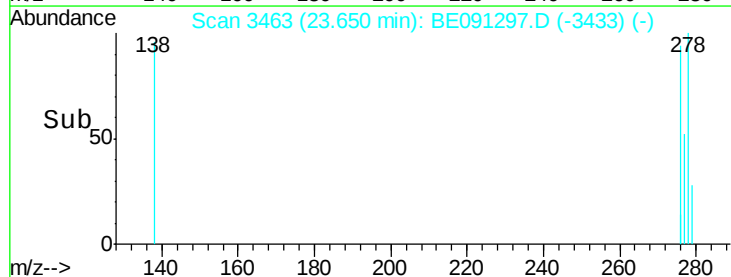
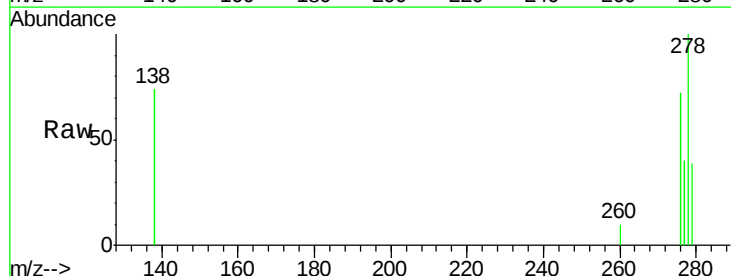
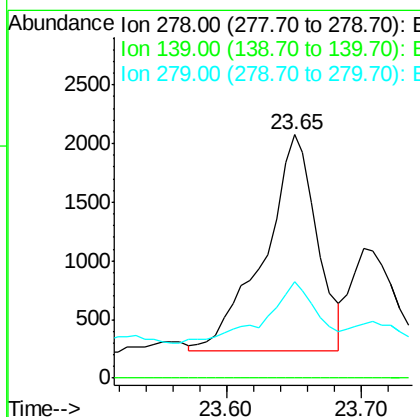
Manual Integrations
 APPROVED

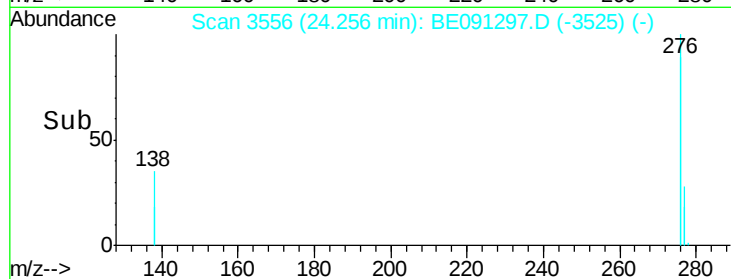
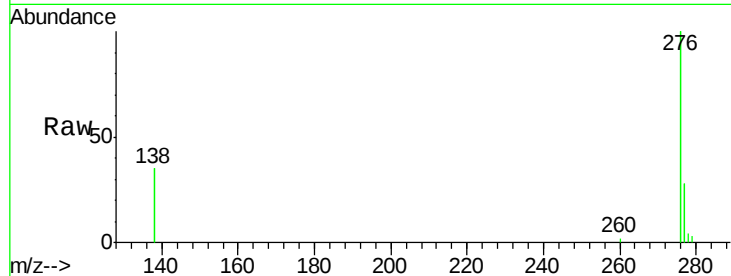
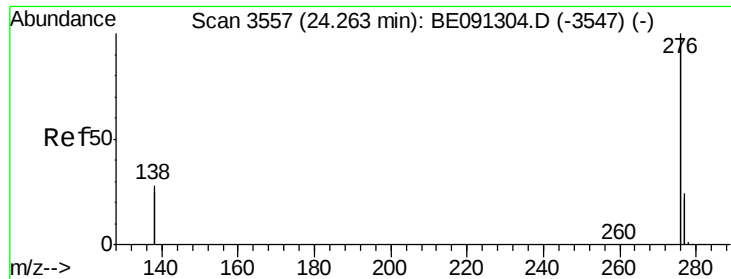
Mmdadoda
 11/24/2015 1:06:33 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul
 RT: 23.65 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BE091297.D
 Acq: 23 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	39.5	21.9	32.9#





#28

Benzo(a,h,i)perylene

Concen: 0.16 ng/ul

RT: 24.26 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BE091297.D

Acq: 23 Nov 2015 12:54

Instrument :

BNA_E

ClientSampleId :

A4HR8RX

Tot Ion:	276	Resp:	44223
Ion Ratio	Lower	Upper	
276	100		
277	27.6	21.3	31.9
138	35.2	25.5	38.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:33 PM

