

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091311.D
 Acq On : 23 Nov 2015 22:00
 Operator : UM/NP
 Sample : G4346-02RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70RX

Manual Integrations
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 11/24/2015 1:06:53 PM

Quant Time: Nov 24 03:17:56 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 02:51:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2327	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	11506	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6212	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	15830	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	18633	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	20077	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8416	5.03	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	2087	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	5310	0.12	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	1635	0.06	ng/ul#	83
7) 2-Methylnaphthalene	11.12	142	690	0.04	ng/ul	97
9) Acenaphthylene	13.10	152	11493	0.37	ng/ul	99
10) Acenaphthene	13.42	153	823	0.04	ng/ul#	88
14) Phenanthrene	16.11	178	183986	1.01	ng/ul	99
15) Anthracene	16.20	178	47428m	0.29	ng/ul	
17) Fluoranthene	18.09	202	424455	1.98	ng/ul	89
19) Pyrene	18.47	202	492860	2.33	ng/ul#	80
20) Benzo(a)anthracene	20.19	228	48529m	1.01	ng/ul	
21) Chrysene	20.26	228	74495	1.35	ng/ul	96
23) Benzo(b)fluoranthene	21.55	252	50706	0.81	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	52847	0.82	ng/ul	96
25) Benzo(a)pyrene	22.01	252	55853	0.97	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.70	276	141686	0.58	ng/ul#	91
28) Benzo(a,h,i)perylene	24.25	276	153423	0.60	ng/ul	97

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

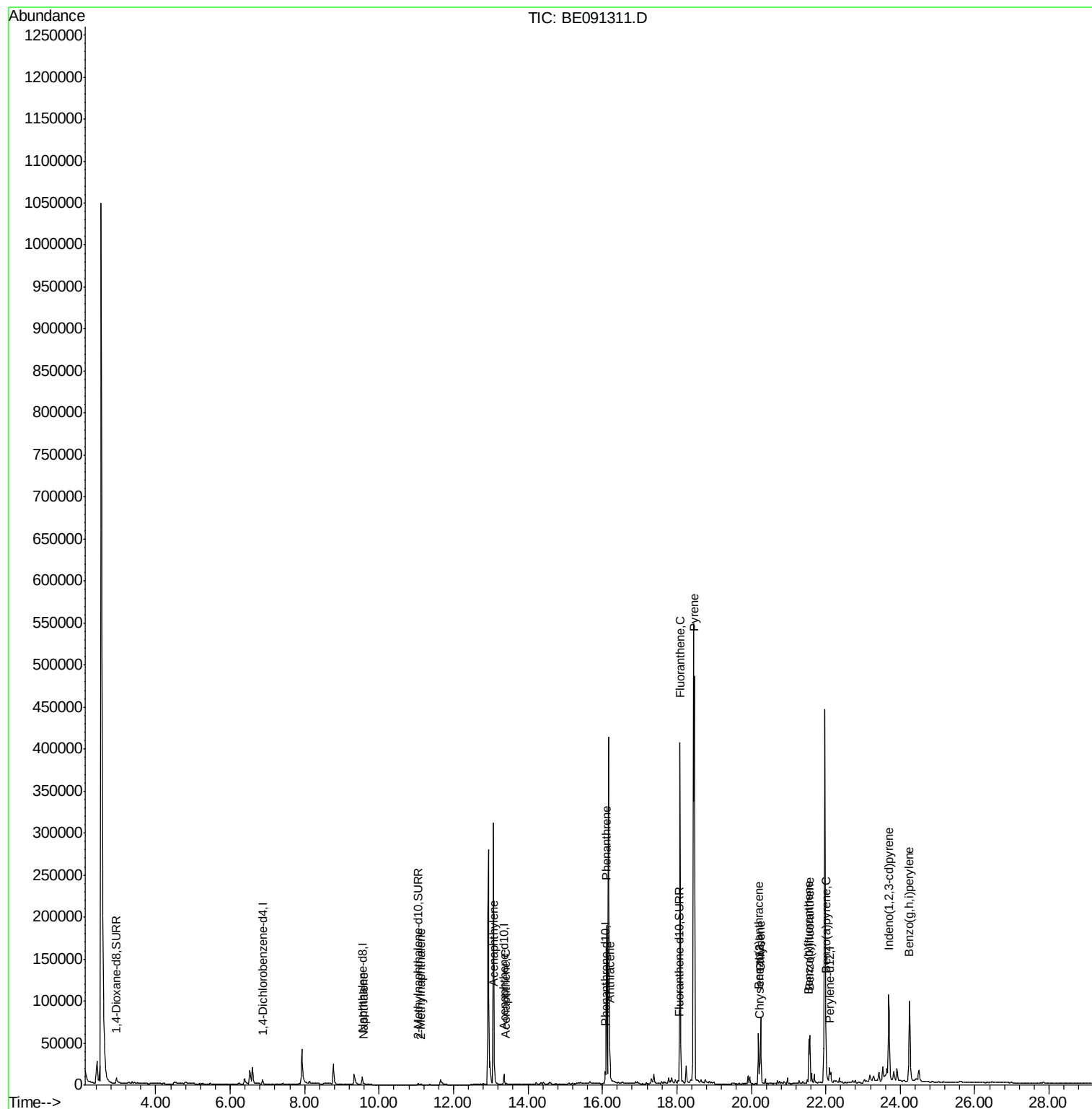
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
Data File : BE091311.D
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ALS Vial : 16 Sample Multiplier: 1

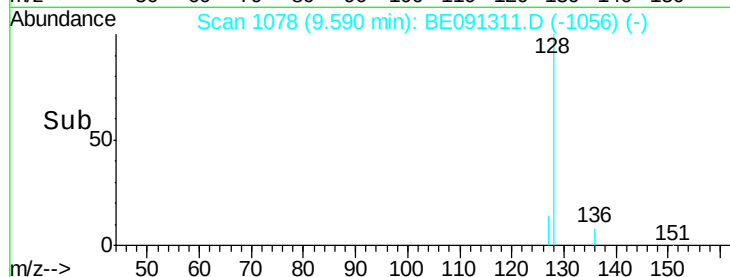
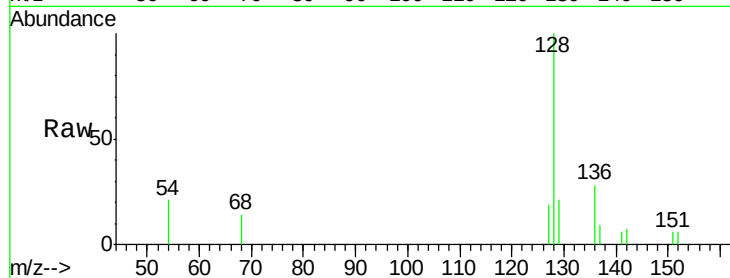
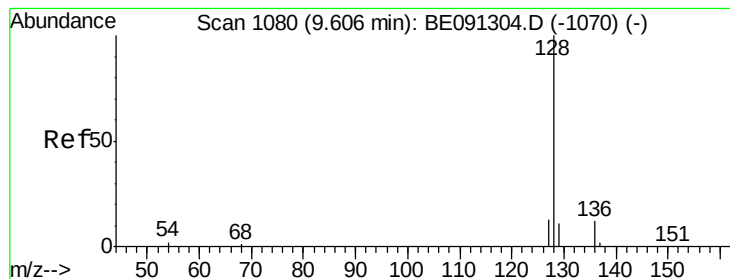
Instrument :
BNA_E
ClientSampleId :
A4J70RX

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Quant Time: Nov 24 03:17:56 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 02:51:08 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.06 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Tot Ion:	128	Resp:	1635
Ion Ratio	Lower	Upper	
128	100		
129	20.8	9.8	14.8#
127	18.7	10.7	16.1#

Instrument :

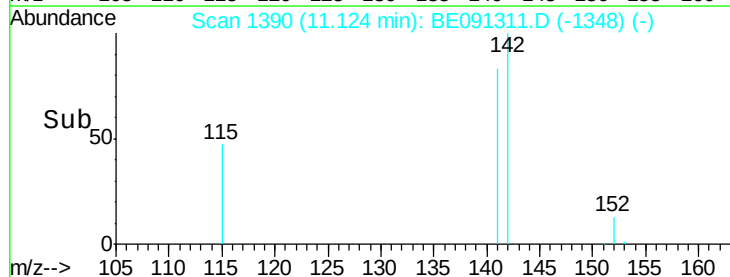
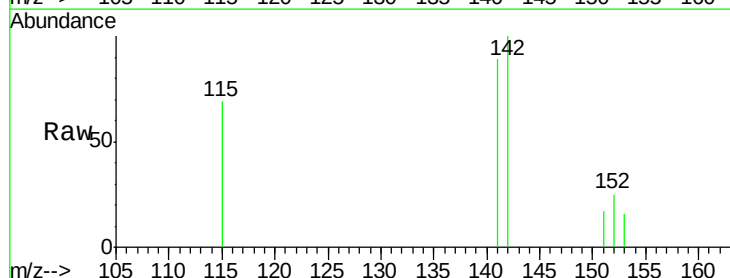
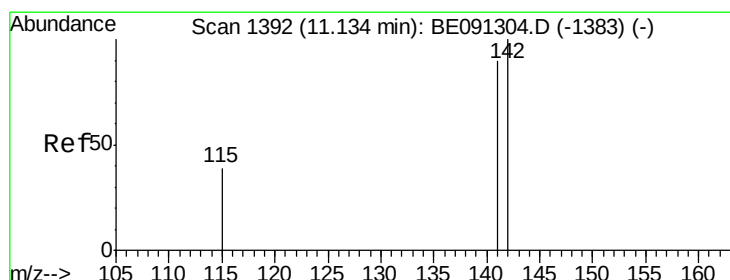
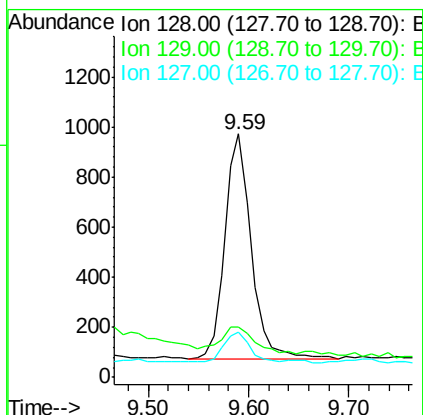
BNA_E

ClientSampleId :

A4J70RX

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#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

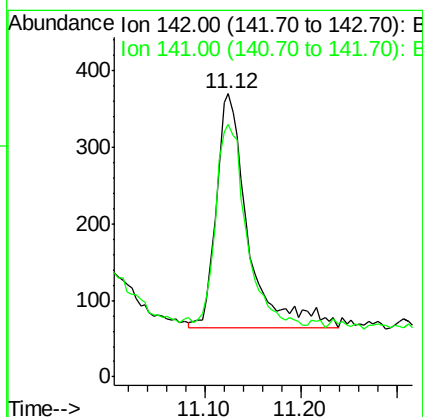
RT: 11.12 min Scan# 1390

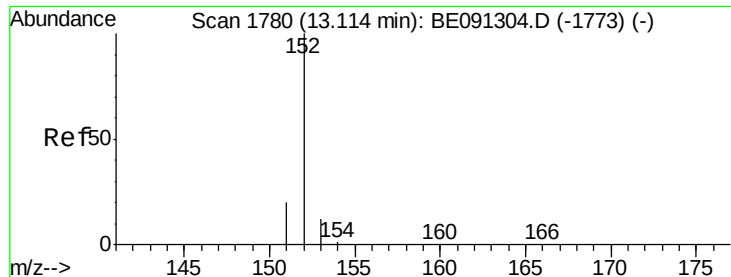
Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Tgt Ion:	142	Resp:	690
Ion Ratio	Lower	Upper	
142	100		
141	84.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.37 ng/ul

RT: 13.10 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Instrument :

BNA_E

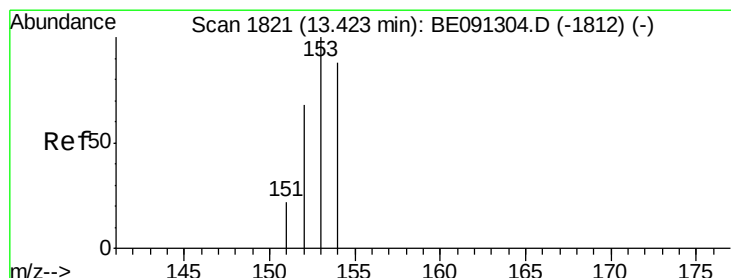
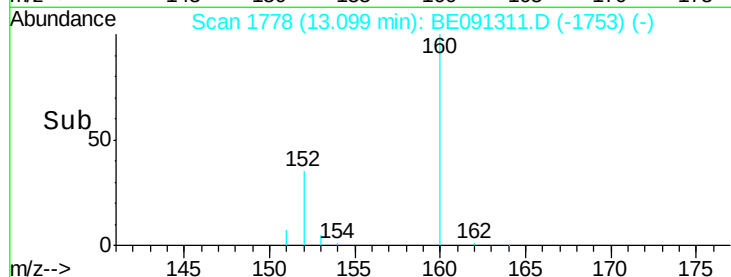
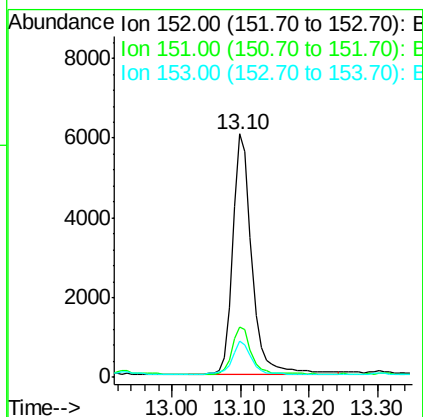
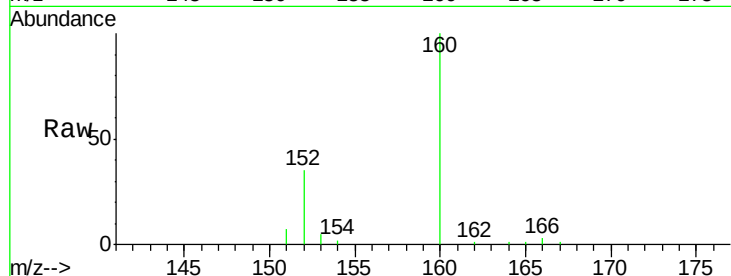
ClientSampleId :

A4J70RX

Tot Ion:	152	Resp:	11493
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	14.8	11.3	16.9

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#10

Acenaphthene

Concen: 0.04 ng/ul

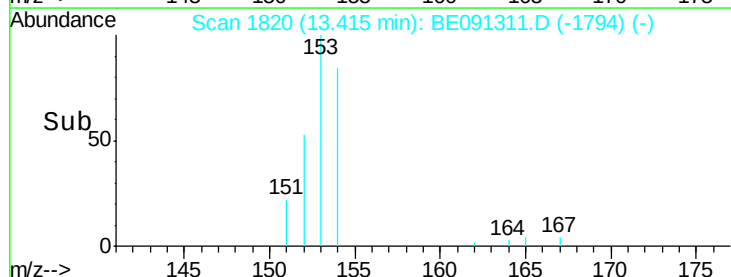
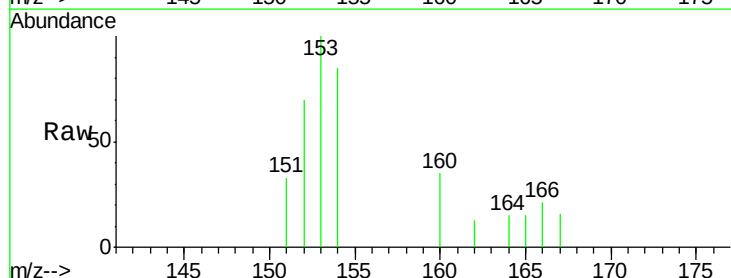
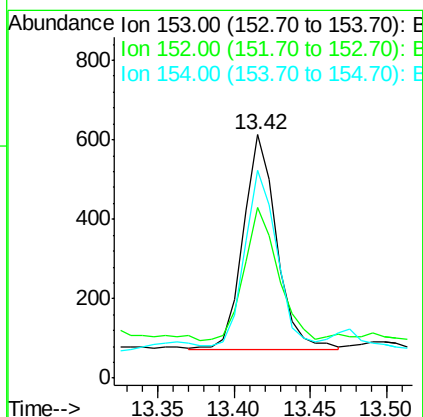
RT: 13.42 min Scan# 1820

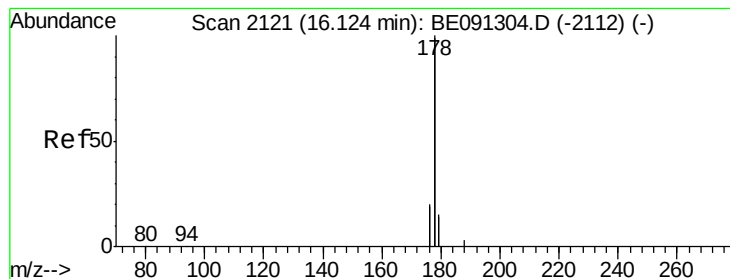
Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Tgt Ion:	153	Resp:	823
Ion Ratio	Lower	Upper	
153	100		
152	70.0	42.3	63.5#
154	85.2	64.7	97.1





#14

Phenanthrene

Concen: 1.01 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Instrument :

BNA_E

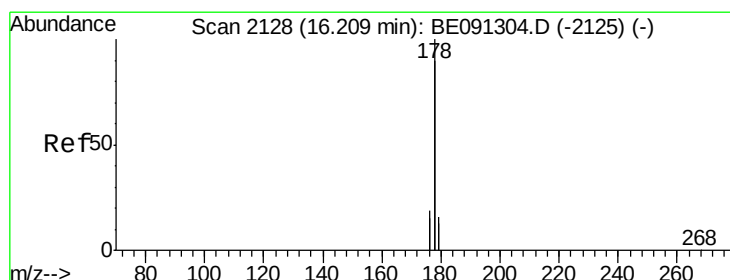
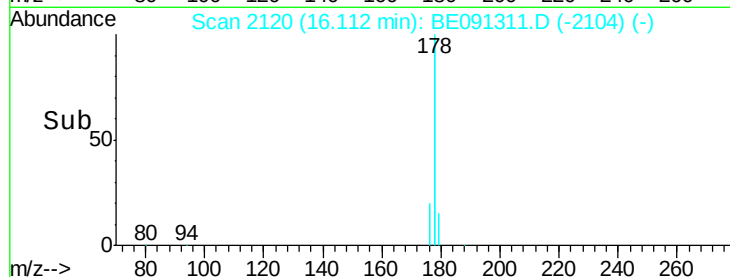
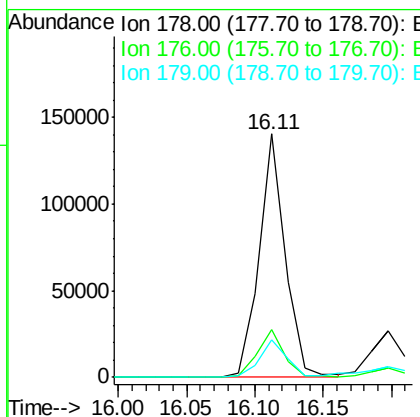
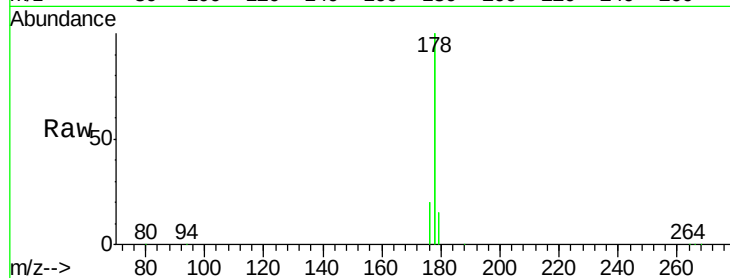
ClientSampleId :

A4J70RX

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Tot Ion:	178	Resp:	183986
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.4
179	15.3	12.8	19.2



#15

Anthracene

Concen: 0.29 ng/ul m

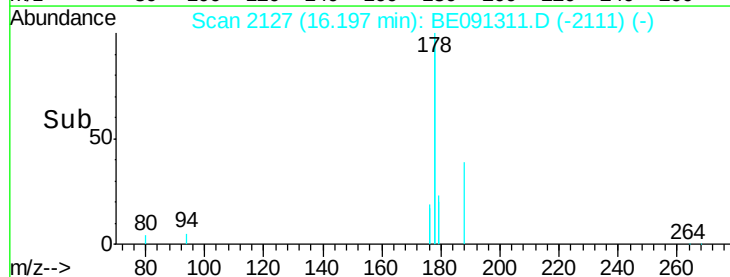
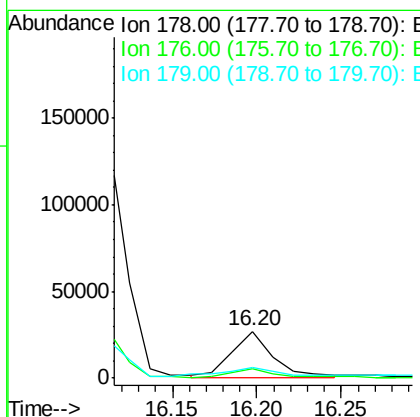
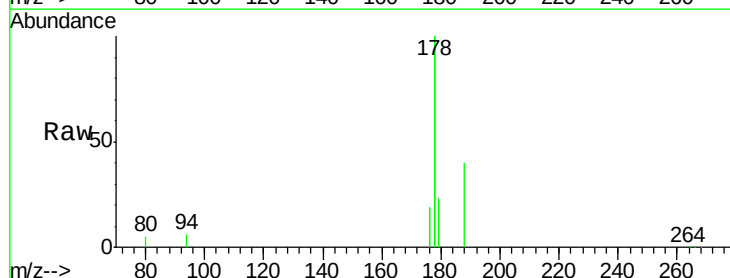
RT: 16.20 min Scan# 2127

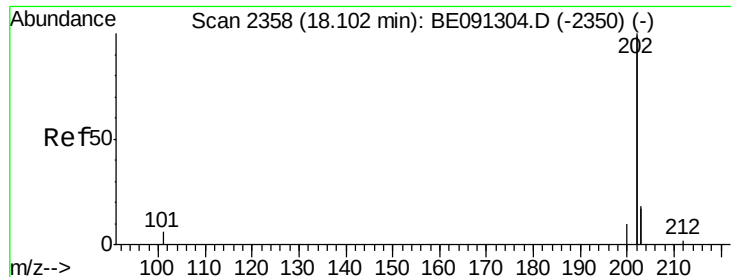
Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Tgt Ion:	178	Resp:	47428
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	23.4	13.3	19.9#





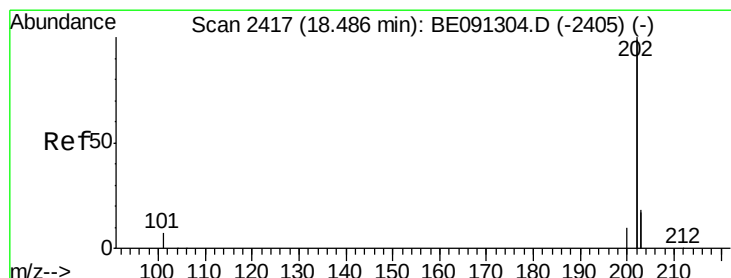
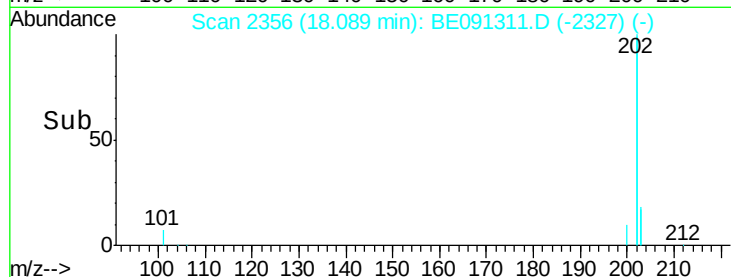
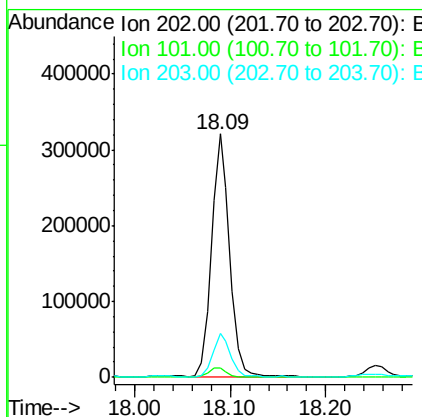
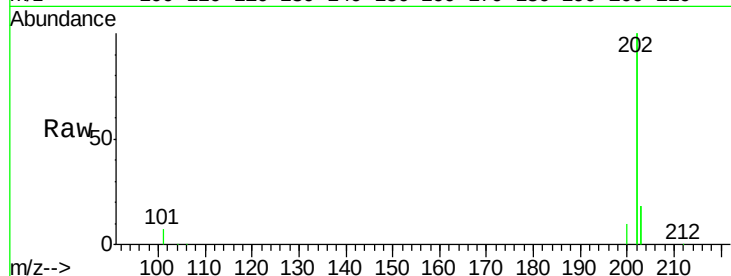
#17
Fluoranthene
Concen: 1.98 ng/ul
RT: 18.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Instrument :
BNA_E
ClientSampleId :
A4J70RX

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	0.0	33.1
203	17.8	0.0	37.2

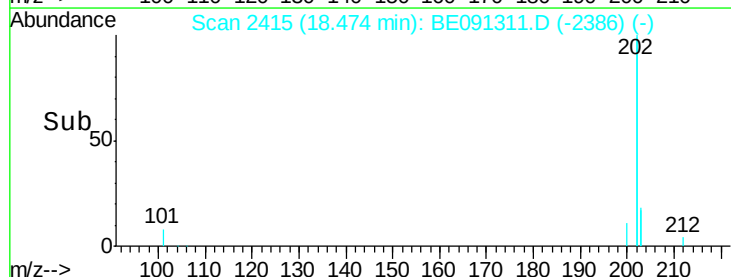
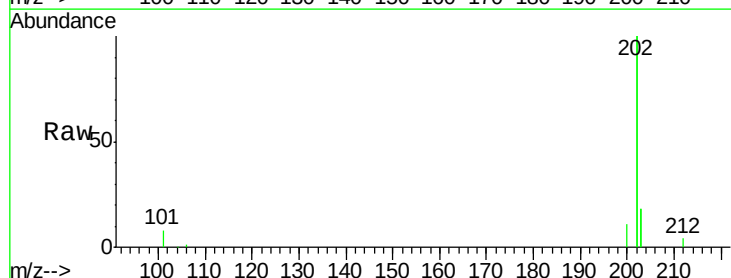
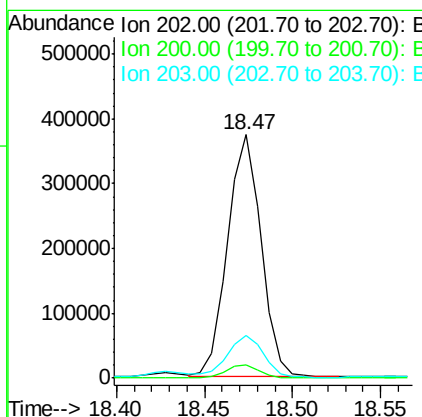
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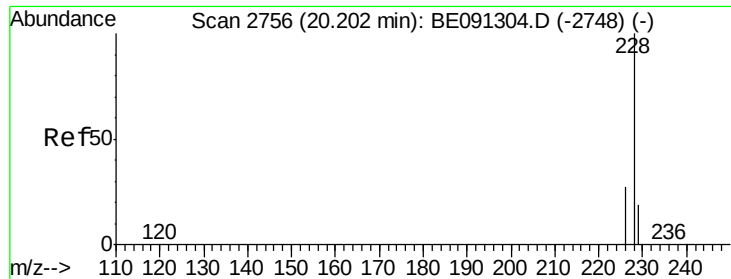
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#19
Pyrene
Concen: 2.33 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	17.6	13.8	20.6





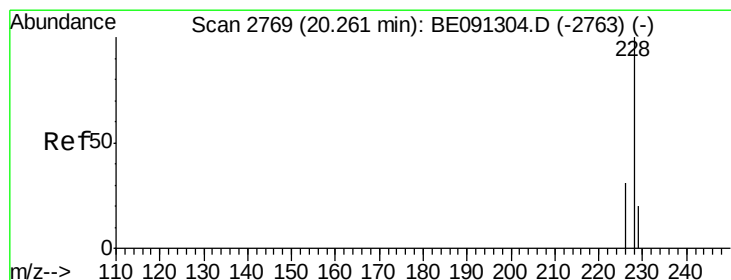
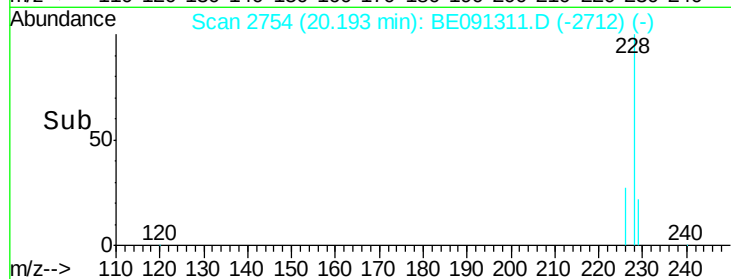
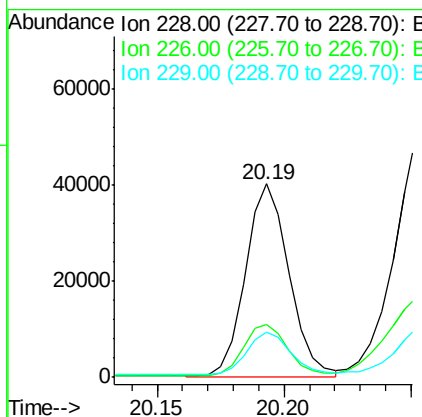
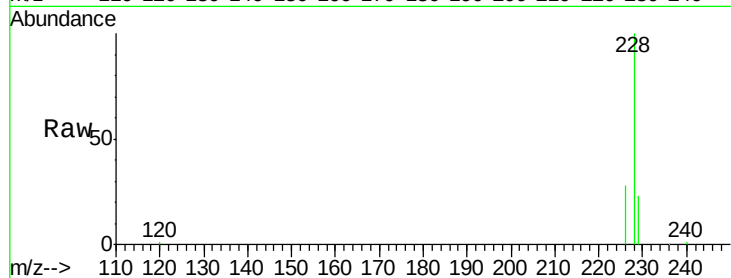
#20
Benzo(a)anthracene
Concen: 1.01 ng/ul m
RT: 20.19 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Instrument :
BNA_E
ClientSampleId :
A4J70RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	23.2	15.2	22.8

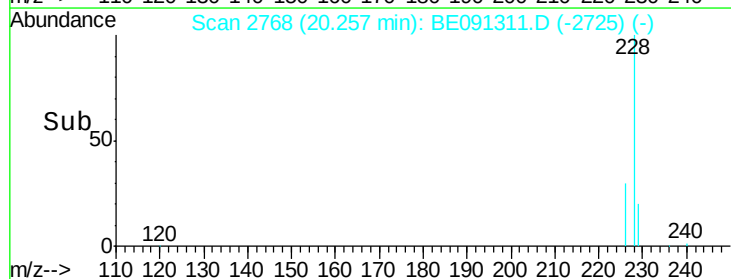
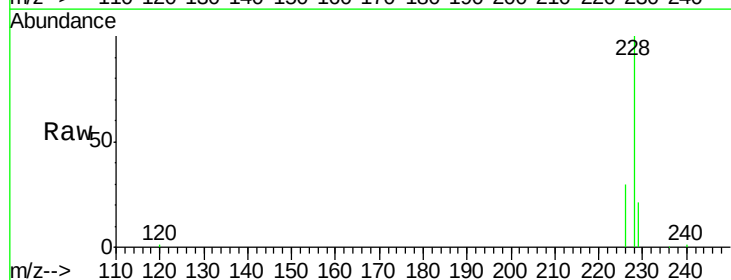
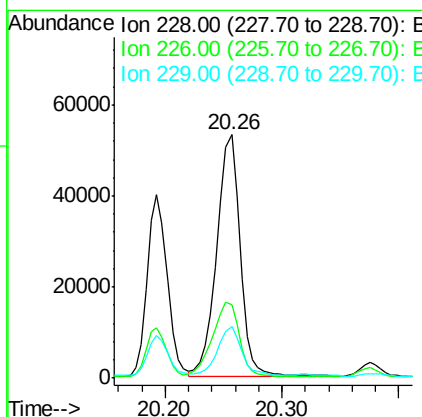
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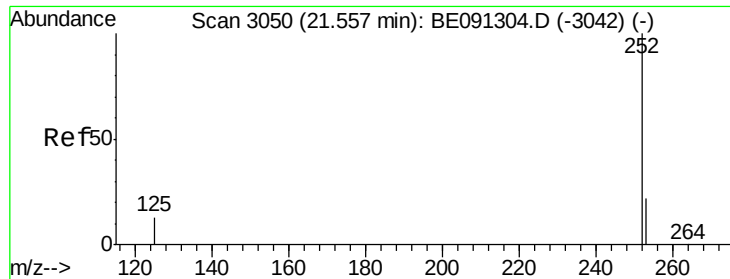
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#21
Chrysene
Concen: 1.35 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	20.9	15.2	22.8





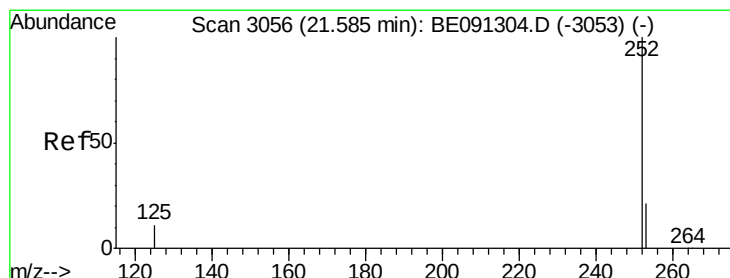
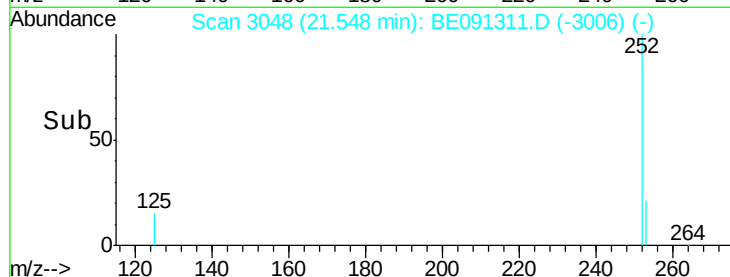
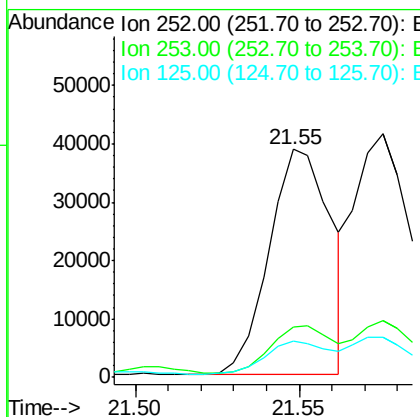
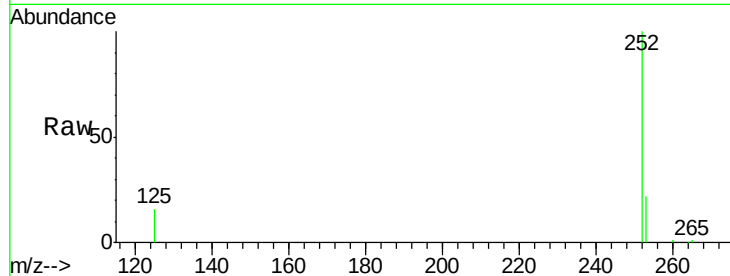
#23
Benzo(b)fluoranthene
Concen: 0.81 ng/ul
RT: 21.55 min Scan# 3048
Delta R.T. -0.01 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Instrument :
BNA_E
ClientSampleId :
A4J70RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	48.0
125	16.0	0.0	36.6

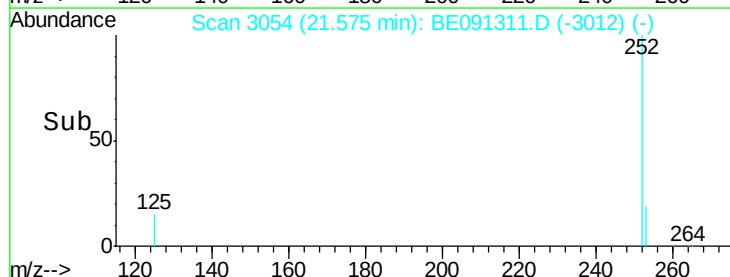
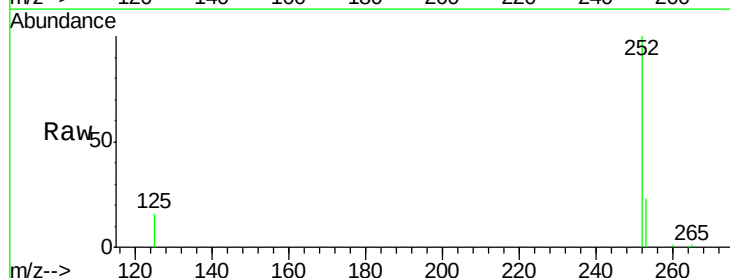
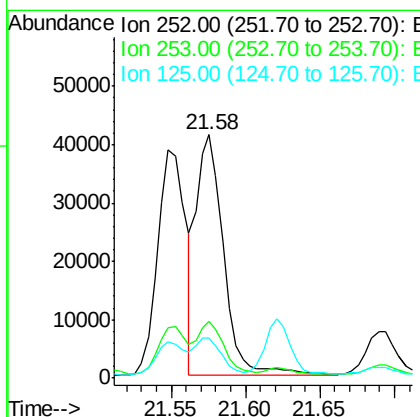
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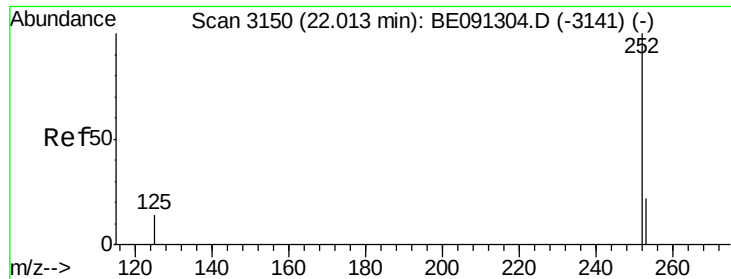
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#24
Benzo(k)fluoranthene
Concen: 0.82 ng/ul
RT: 21.58 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BE091311.D
Acq: 23 Nov 2015 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.8	31.2
125	16.4	12.2	18.4





#25

Benzo(a)pyrene

Concen: 0.97 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE091311.D

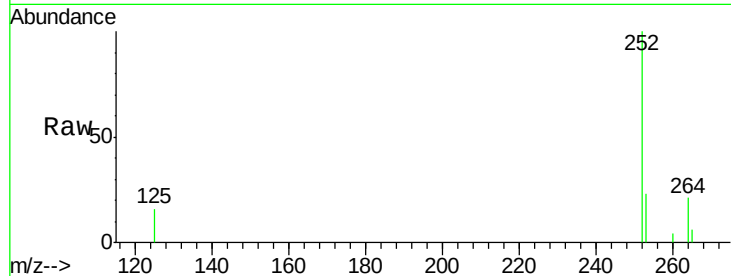
Acq: 23 Nov 2015 22:00

Instrument :

BNA_E

ClientSampleId :

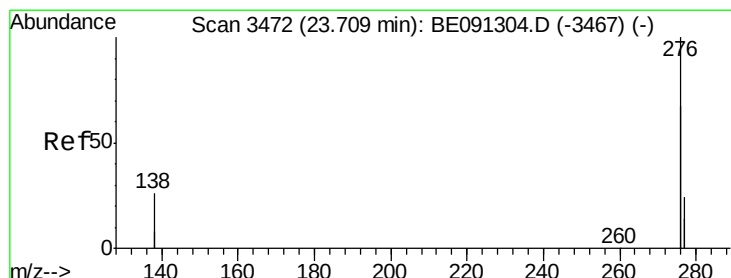
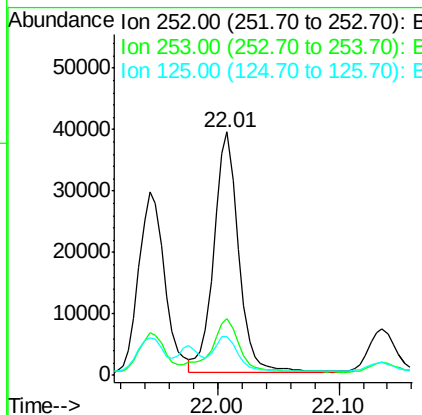
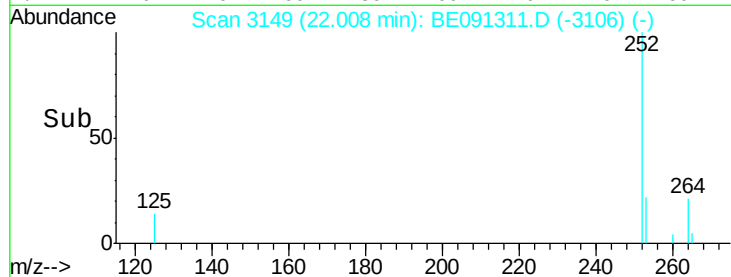
A4J70RX



Tot Ion:	252	Resp:	55853
Ion Ratio	Lower	Upper	
252	100		
253	23.3	21.8	32.8
125	16.2	14.5	21.7

Manual Integrations
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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.58 ng/ul

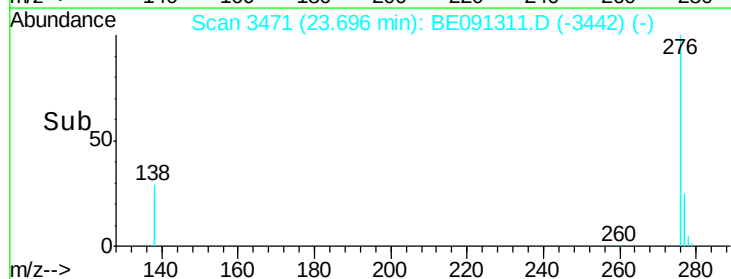
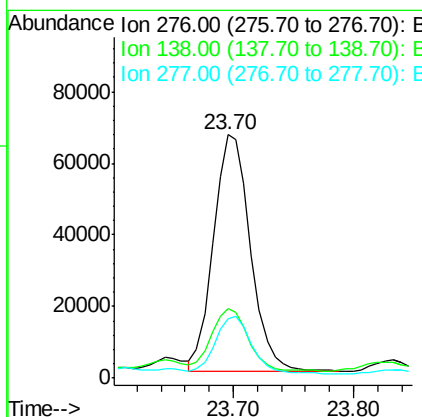
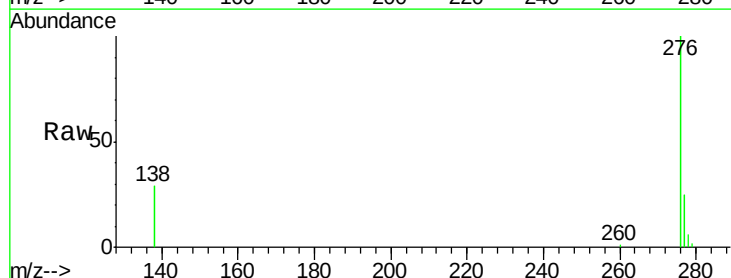
RT: 23.70 min Scan# 3471

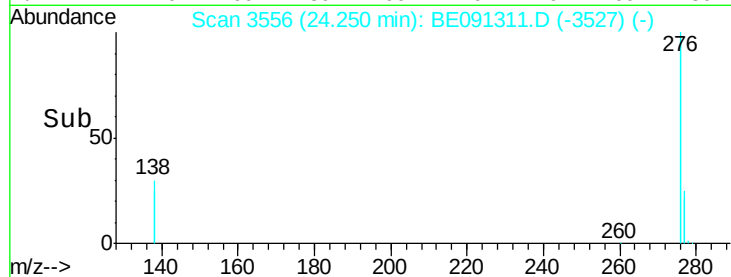
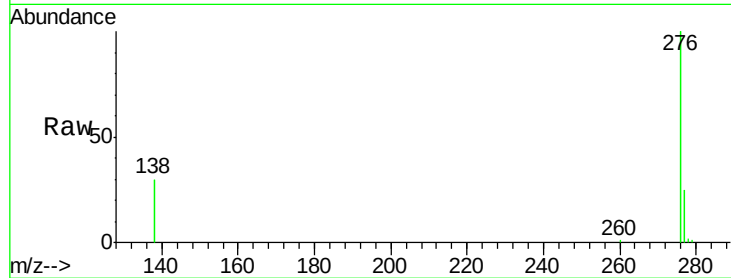
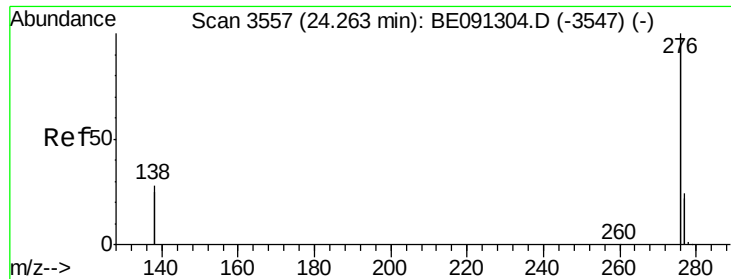
Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Tgt Ion:	276	Resp:	141686
Ion Ratio	Lower	Upper	
276	100		
138	25.9	27.5	41.3#
277	23.9	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 0.60 ng/ul

RT: 24.25 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091311.D

Acq: 23 Nov 2015 22:00

Instrument :

BNA_E

ClientSampleId :

A4J70RX

Tot Ion:	276	Resp:	153423
Ion Ratio	Lower	Upper	
276	100		
277	24.7	21.3	31.9
138	30.4	25.5	38.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:53 PM

