

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091300.D
 Acq On : 23 Nov 2015 15:20
 Operator : UM/NP
 Sample : G4345-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J48DL

Manual Integrations
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 11/24/2015 1:06:39 PM

Quant Time: Nov 24 02:29:47 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	6.89	152	2154	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.57	136	10688	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5679	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	16030	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	21061	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	20270	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	1305	0.84	ng/uL	0.04
6) 2-Methylnaphthalene-d10	11.08	152	261	0.02	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	725	0.02	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	917	0.03	ng/ul#	72
9) Acenaphthylene	13.11	152	1645	0.06	ng/ul#	89
10) Acenaphthene	13.42	153	1437	0.07	ng/ul#	85
11) Fluorene	14.41	166	1793	0.07	ng/ul#	86
14) Phenanthrene	16.11	178	142917	0.77	ng/ul	99
15) Anthracene	16.20	178	29061	0.17	ng/ul	97
17) Fluoranthene	18.09	202	270298	1.25	ng/ul	88
19) Pyrene	18.47	202	255849	1.07	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	28019m	0.52	ng/ul	
21) Chrysene	20.26	228	34620	0.56	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	27396	0.43	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	26720	0.41	ng/ul	97
25) Benzo(a)pyrene	22.01	252	30456	0.52	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	73009	0.30	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	5630	0.10	ng/ul#	71
28) Benzo(a,h,i)perylene	24.26	276	78130	0.30	ng/ul	95

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

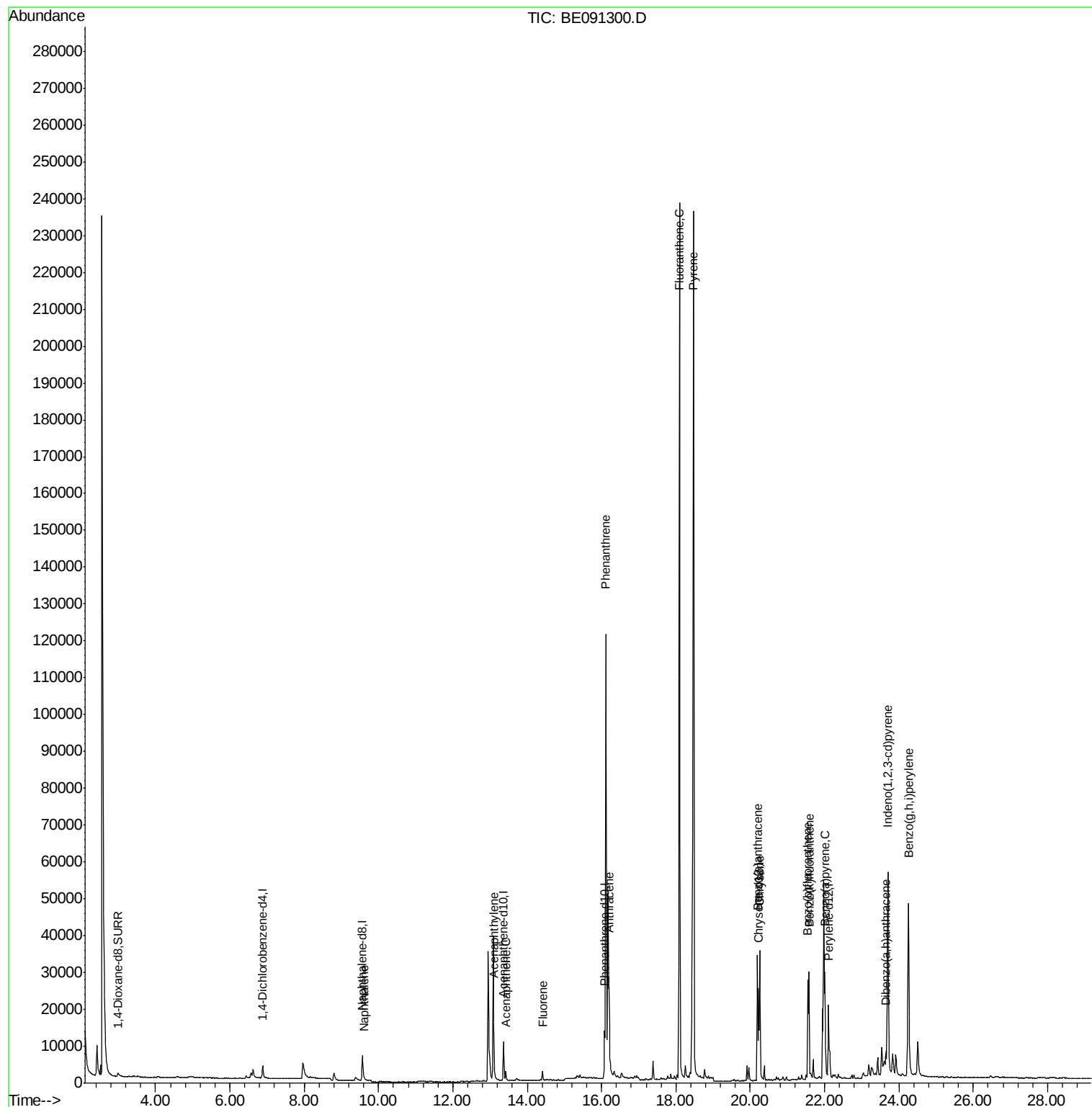
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
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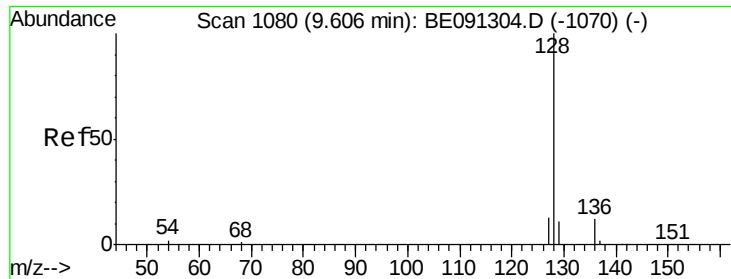
Instrument :
BNA_E
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 00:31:29 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.61 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Instrument :

BNA_E

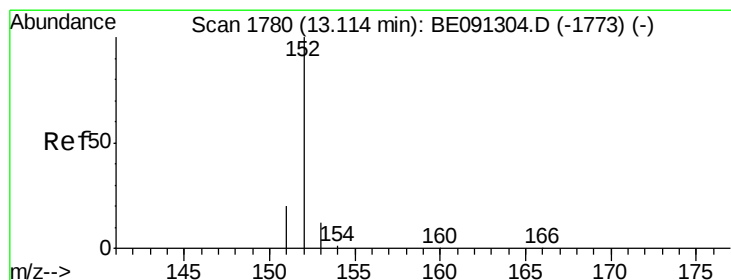
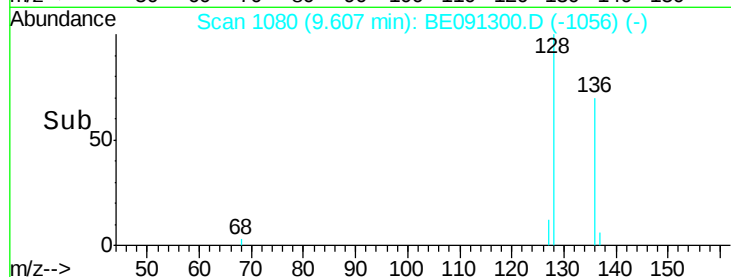
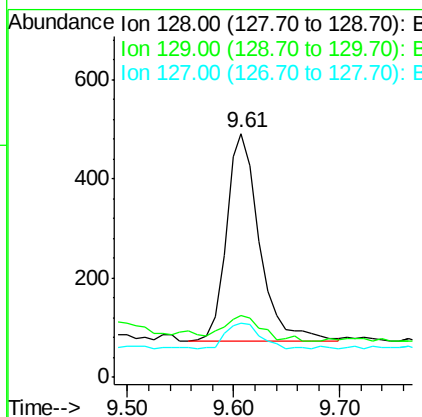
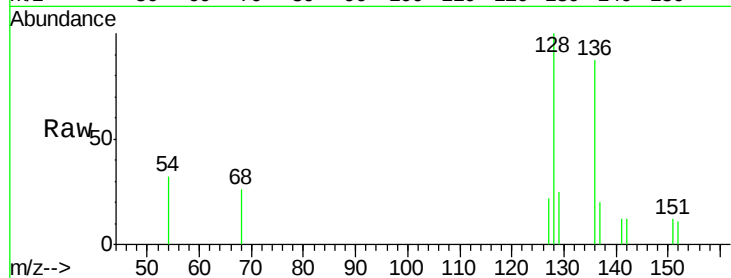
ClientSampleId :

A4J48DL

Tot Ion:	128	Resp:	917
Ion Ratio	Lower	Upper	
128	100		
129	25.5	9.8	14.8#
127	22.2	10.7	16.1#

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#9

Acenaphthylene

Concen: 0.06 ng/ul

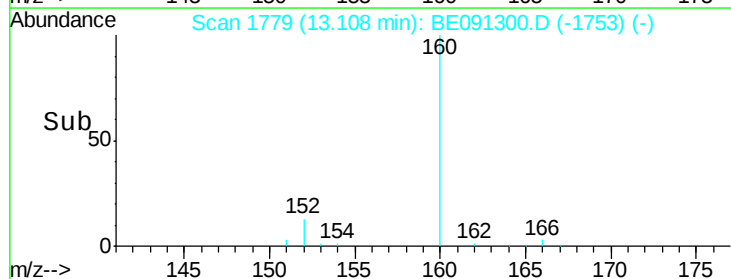
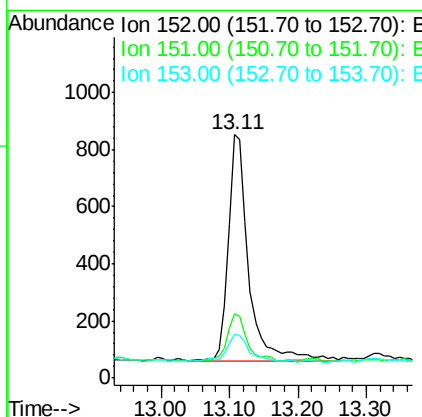
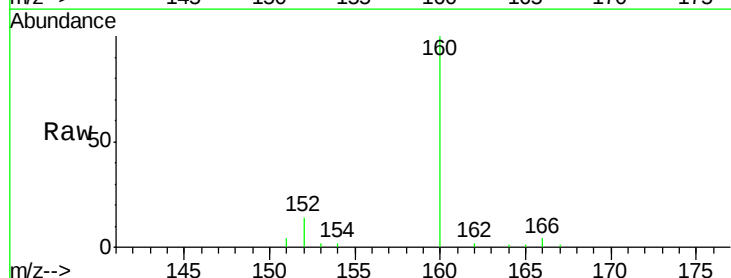
RT: 13.11 min Scan# 1779

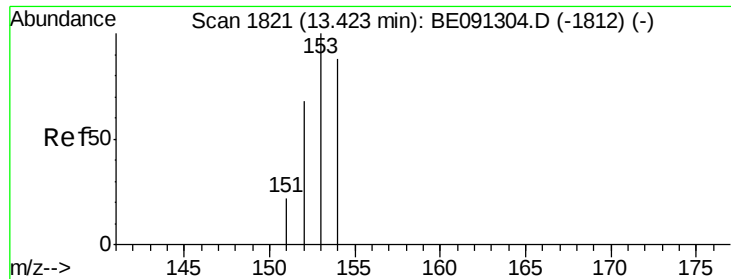
Delta R.T. -0.01 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Tgt Ion:	152	Resp:	1645
Ion Ratio	Lower	Upper	
152	100		
151	26.6	16.8	25.2#
153	18.1	11.3	16.9#





#10

Acenaphthene

Concen: 0.07 ng/ul

RT: 13.42 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Instrument :

BNA_E

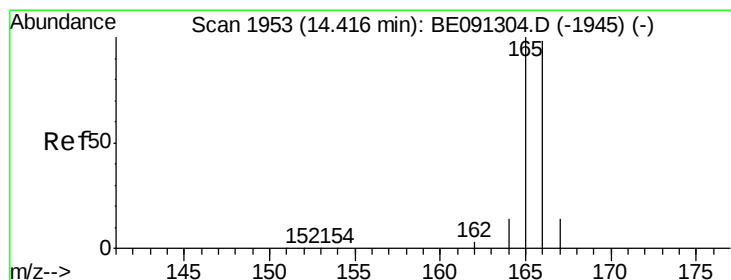
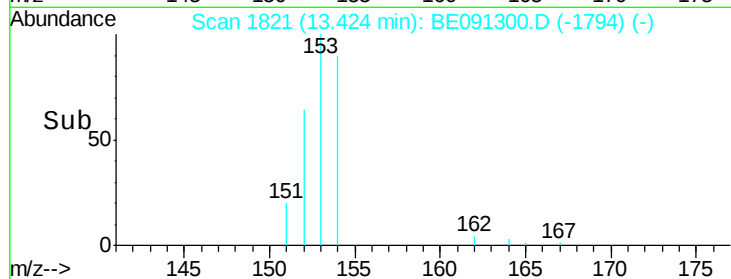
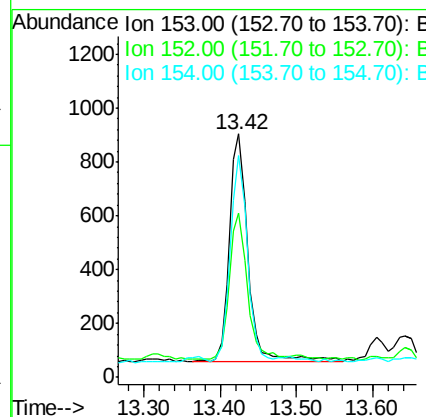
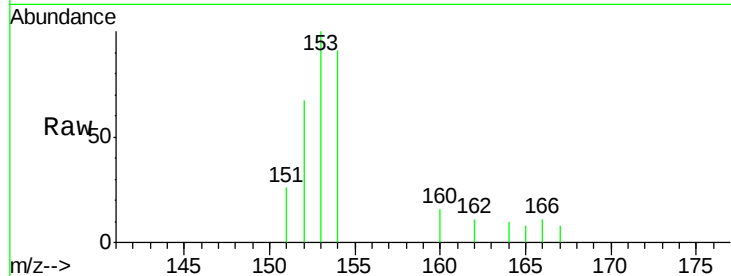
ClientSampleId :

A4J48DL

Tot Ion:	153	Resp:	1437
Ion	Ratio	Lower	Upper
153	100		
152	67.5	42.3	63.5#
154	91.3	64.7	97.1

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#11

Fluorene

Concen: 0.07 ng/ul

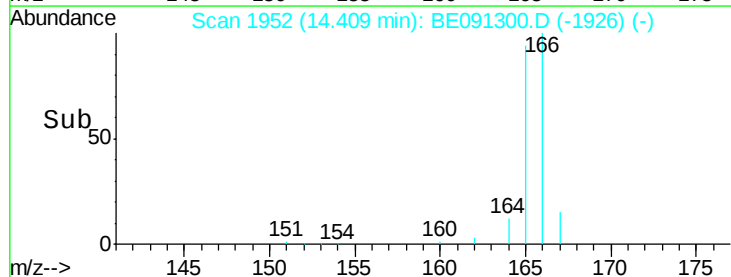
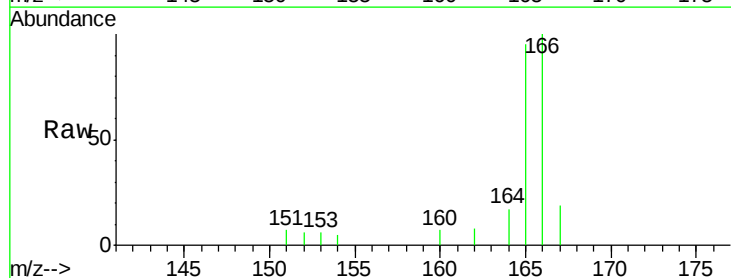
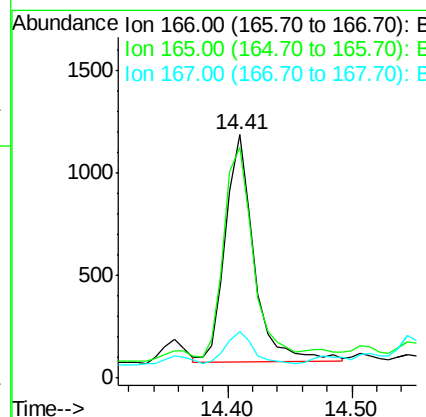
RT: 14.41 min Scan# 1952

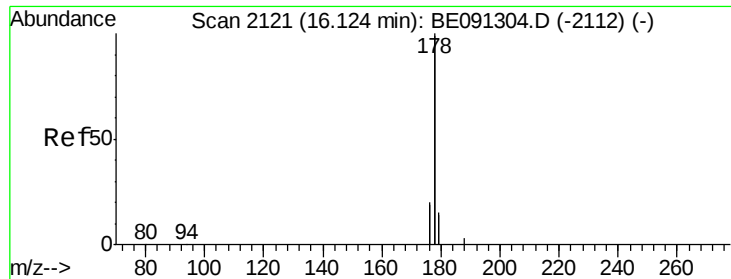
Delta R.T. -0.01 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Tgt Ion:	166	Resp:	1793
Ion	Ratio	Lower	Upper
166	100		
165	94.6	87.6	131.4
167	19.2	11.1	16.7#





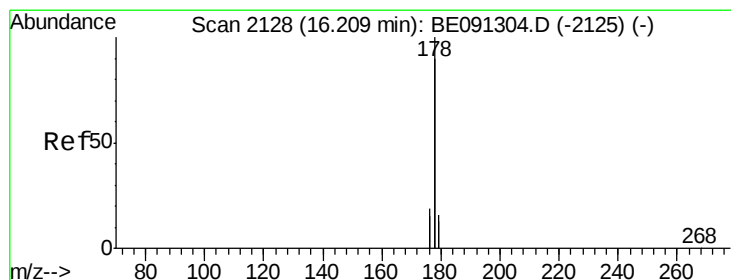
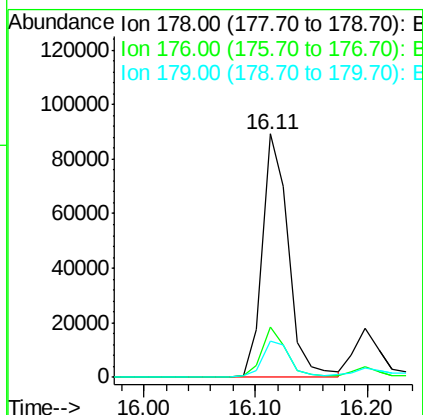
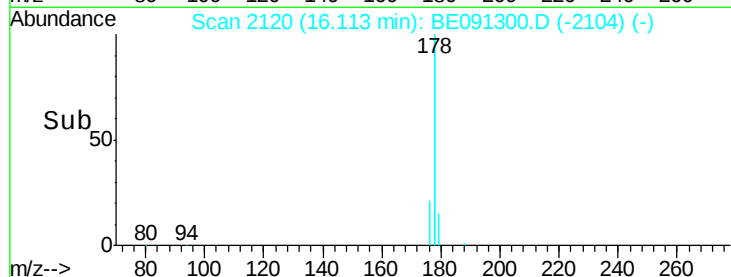
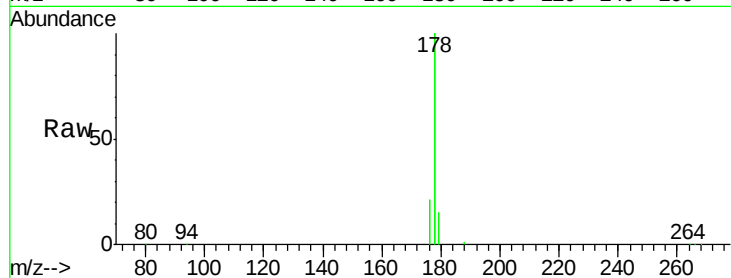
#14
Phenanthrene
Concen: 0.77 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Instrument :
BNA_E
ClientSampleId :
A4J48DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.1	12.8	19.2

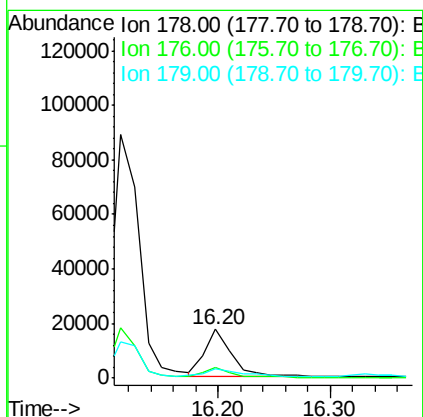
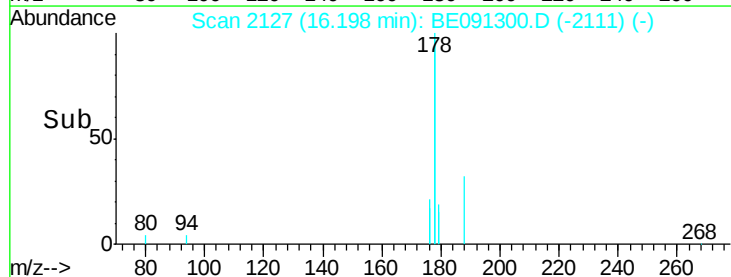
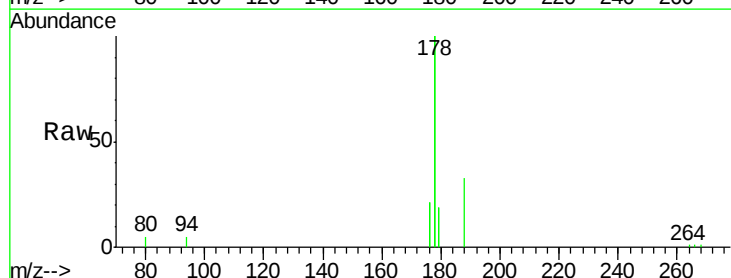
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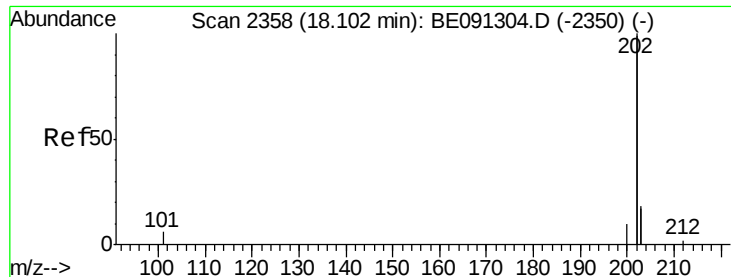
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#15
Anthracene
Concen: 0.17 ng/ul
RT: 16.20 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	18.8	13.3	19.9





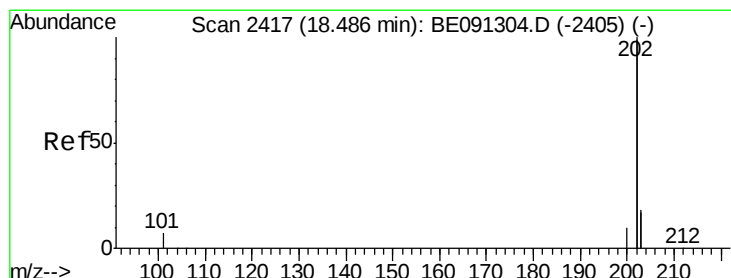
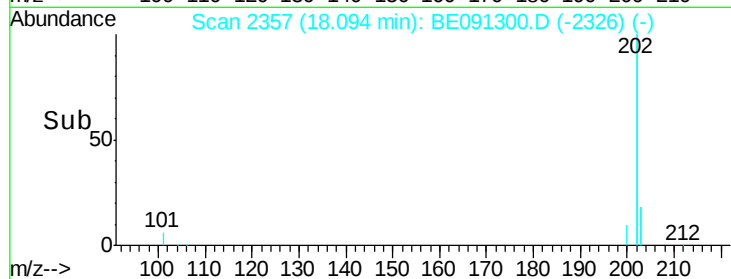
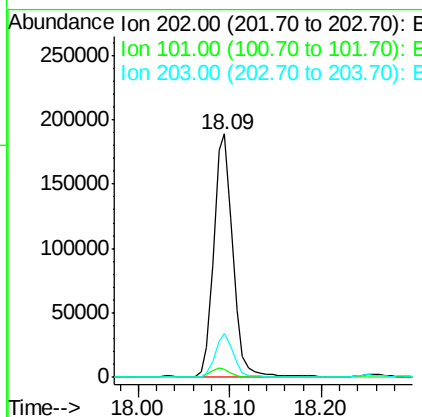
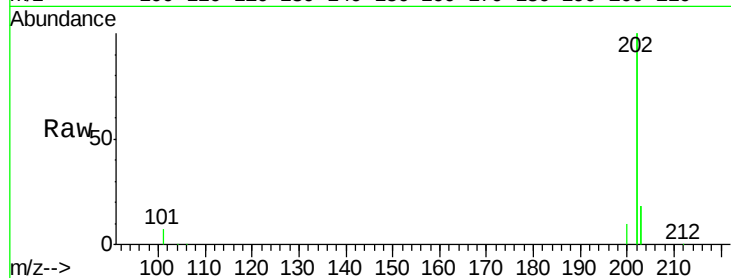
#17
Fluoranthene
 Concen: 1.25 ng/ul
 RT: 18.09 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BE091300.D
 Acq: 23 Nov 2015 15:20

Instrument :
 BNA_E
 ClientSampleId :
 A4J48DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	270298		
101	3.3	0.0	33.1	
203	18.0	0.0	37.2	

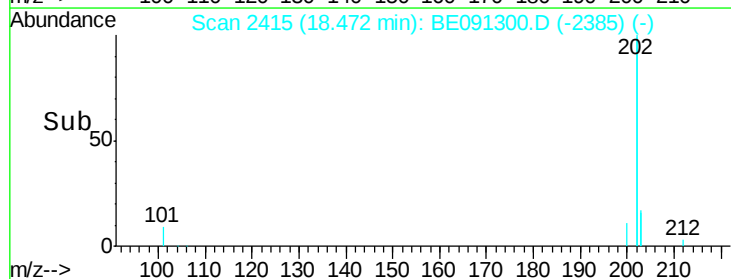
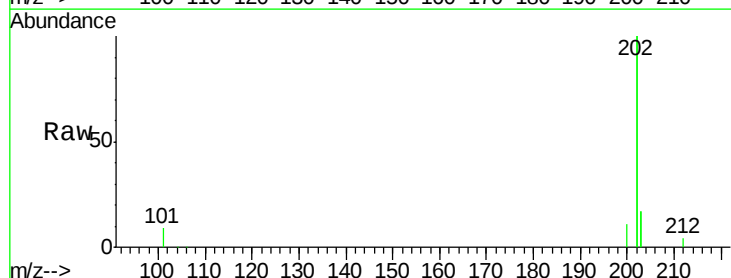
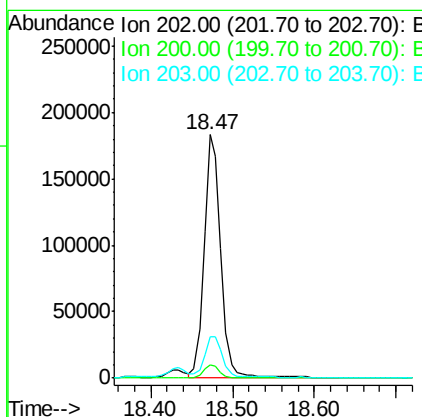
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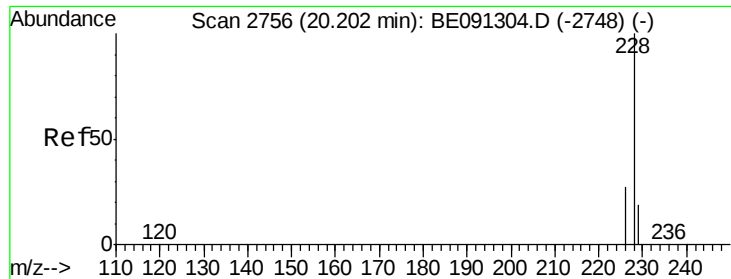
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#19
Pyrene
 Concen: 1.07 ng/ul
 RT: 18.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE091300.D
 Acq: 23 Nov 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	255849		
200	5.5	18.0	27.0#	
203	17.1	13.8	20.6	





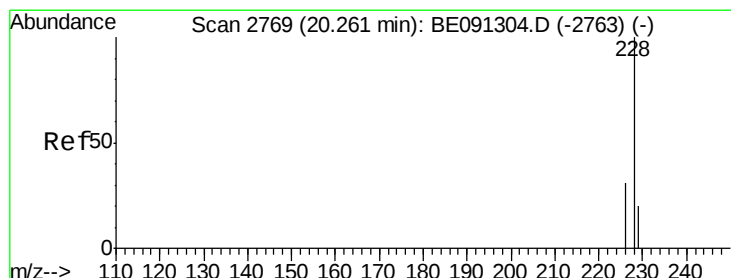
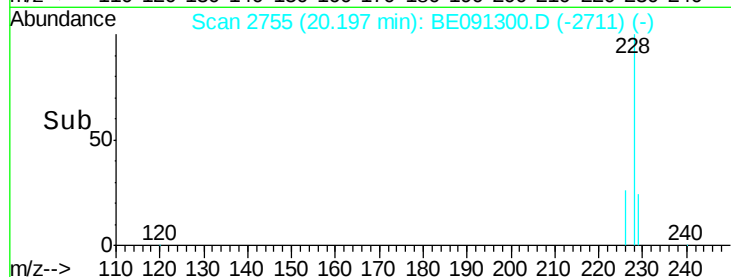
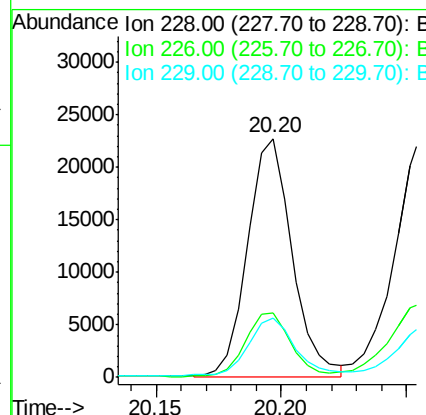
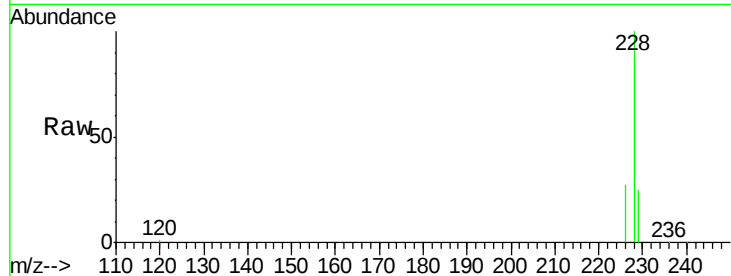
#20
Benzo(a)anthracene
Concen: 0.52 ng/ul m
RT: 20.20 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Instrument :
BNA_E
ClientSampleId :
A4J48DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	24.8	15.2	22.8

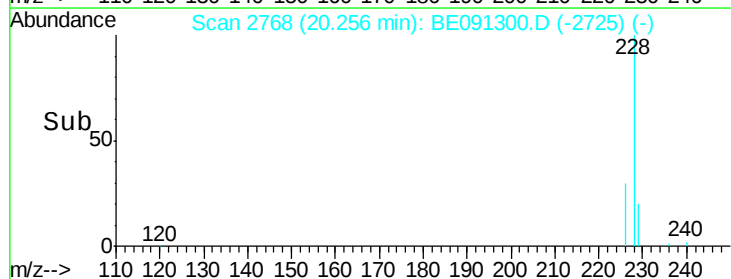
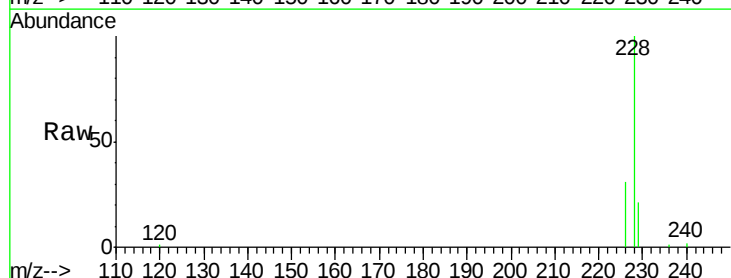
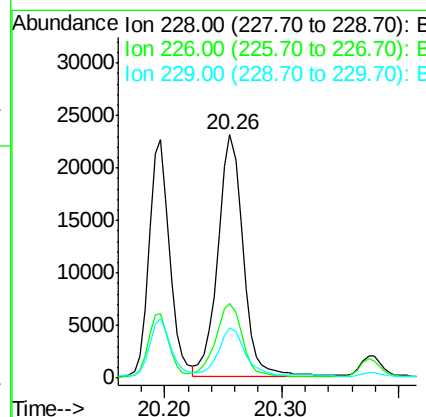
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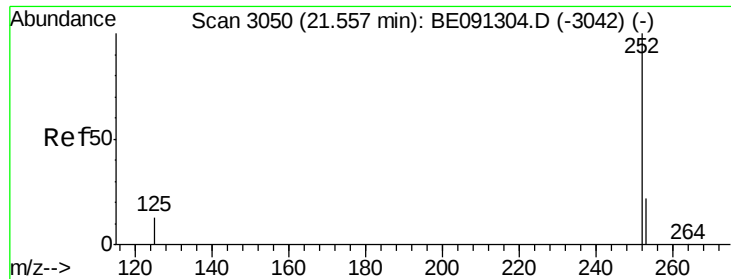
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#21
Chrysene
Concen: 0.56 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.9	15.2	22.8





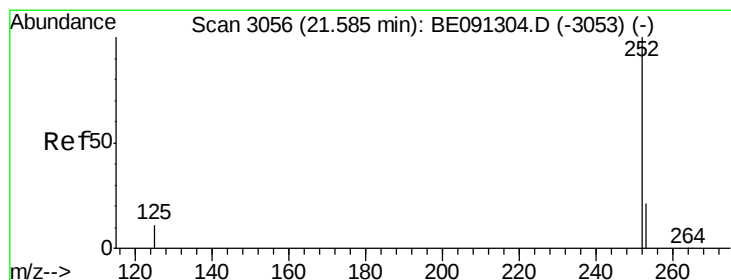
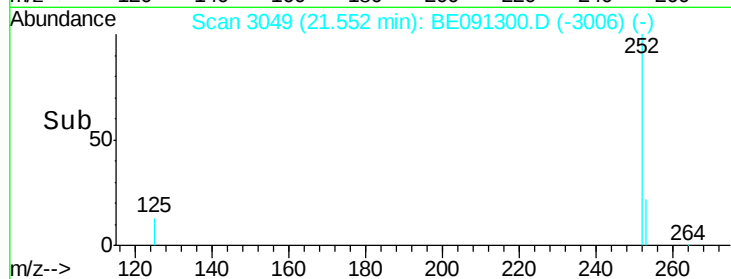
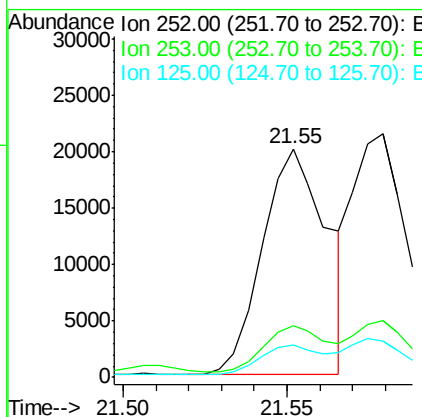
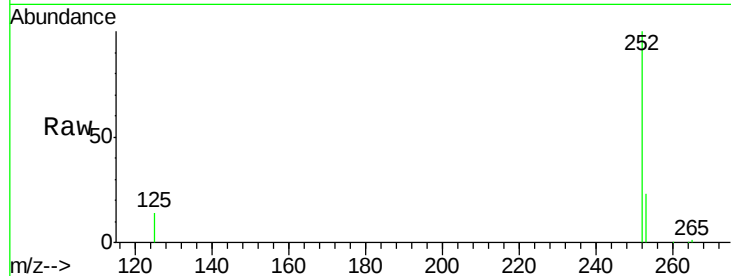
#23
Benzo(b)fluoranthene
Concen: 0.43 ng/ul
RT: 21.55 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Instrument :
BNA_E
ClientSampleId :
A4J48DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	48.0
125	14.0	0.0	36.6

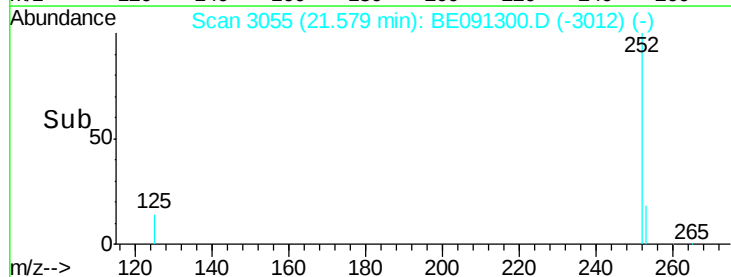
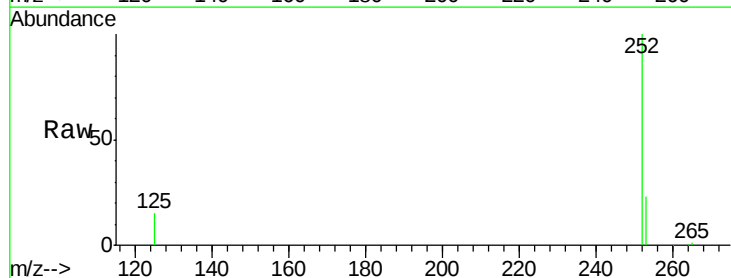
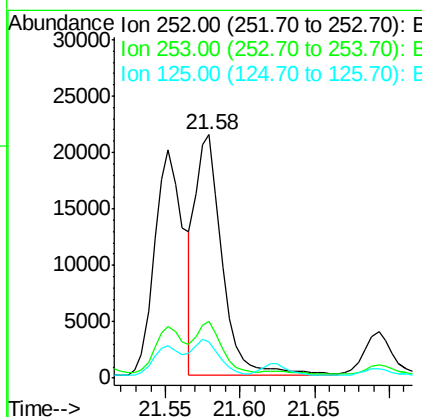
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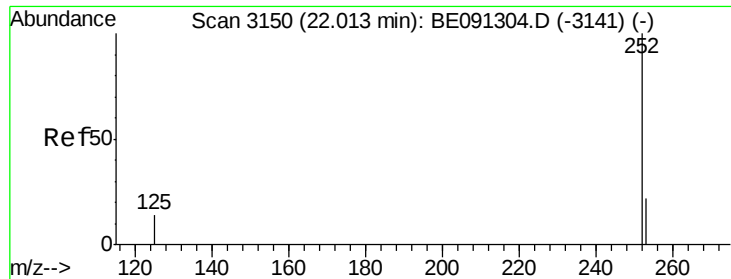
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#24
Benzo(k)fluoranthene
Concen: 0.41 ng/ul
RT: 21.58 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BE091300.D
Acq: 23 Nov 2015 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.8	31.2
125	15.0	12.2	18.4





#25

Benzo(a)pyrene

Concen: 0.52 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE091300.D

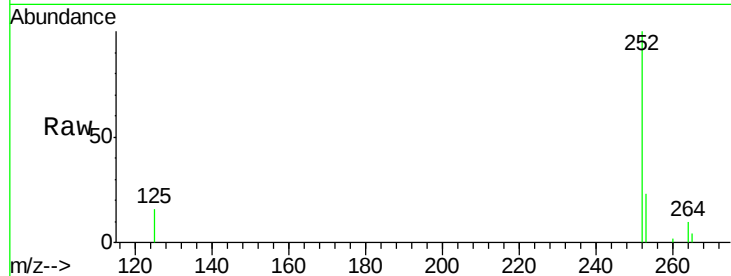
Acq: 23 Nov 2015 15:20

Instrument :

BNA_E

ClientSampleId :

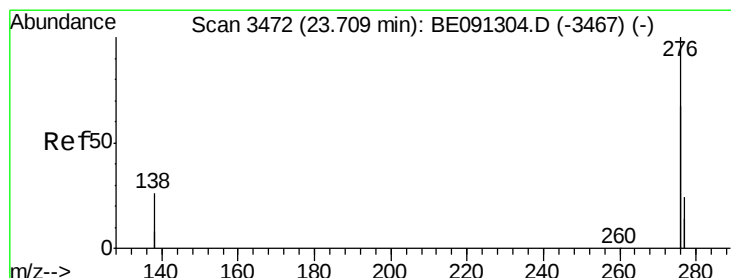
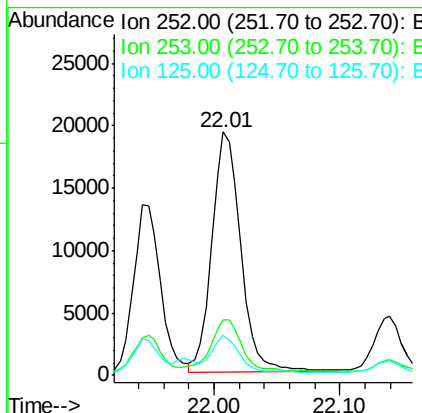
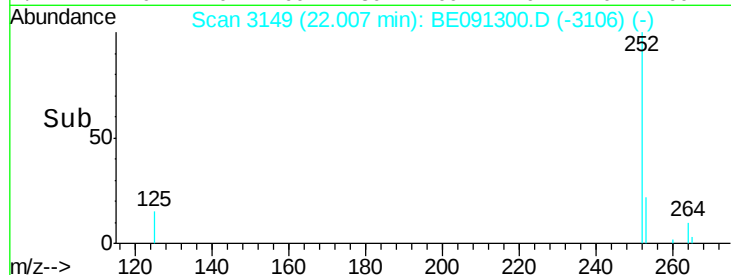
A4J48DL



Tot Ion:	252	Resp:	30456
Ion Ratio	Lower	Upper	
252	100		
253	22.9	21.8	32.8
125	16.4	14.5	21.7

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.30 ng/ul

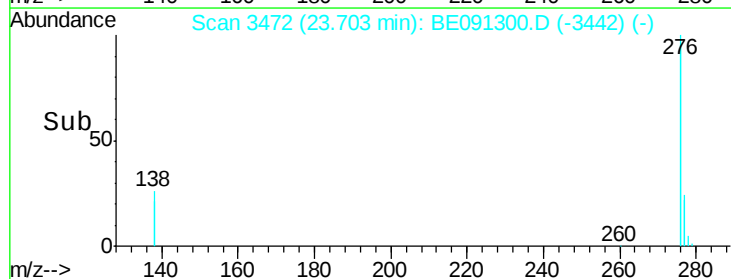
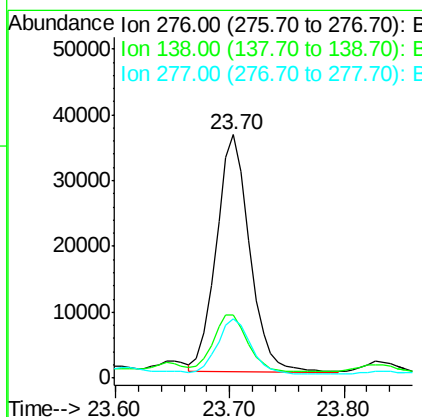
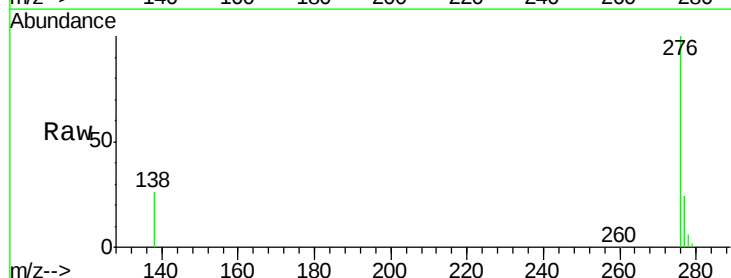
RT: 23.70 min Scan# 3472

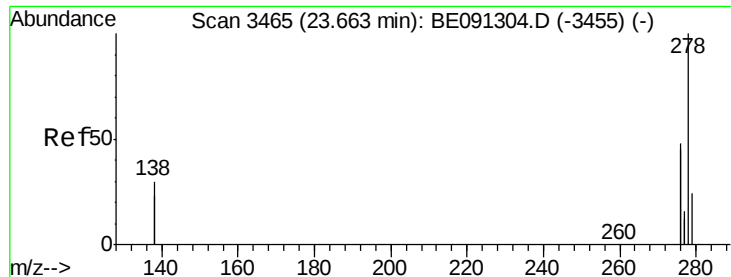
Delta R.T. -0.01 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Tgt Ion:	276	Resp:	73009
Ion Ratio	Lower	Upper	
276	100		
138	25.0	27.5	41.3#
277	23.5	19.3	28.9





#27

Dibenzo(a,h)anthracene

Concen: 0.10 ng/ul

RT: 23.65 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Instrument :

BNA_E

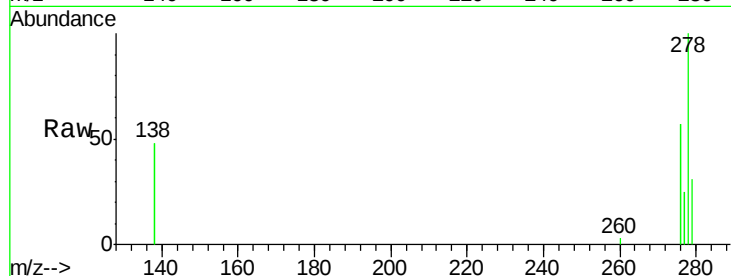
ClientSampleId :

A4J48DL

Tot Ion:	278	Resp:	5630
Ion Ratio	Lower	Upper	
278	100		
139	0.0	21.7	32.5#
279	30.6	21.9	32.9

Manual Integrations
APPROVED

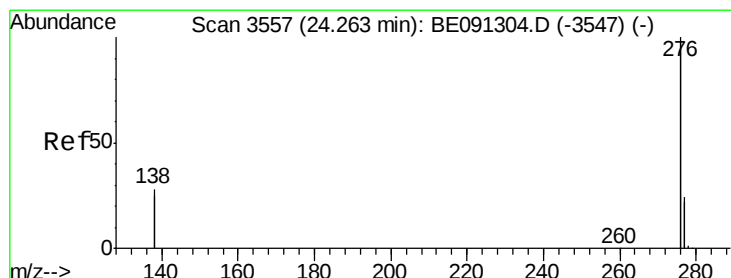
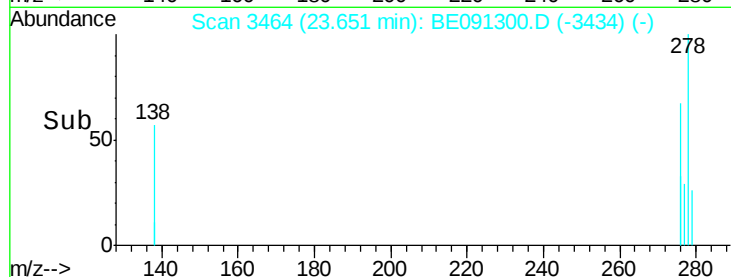
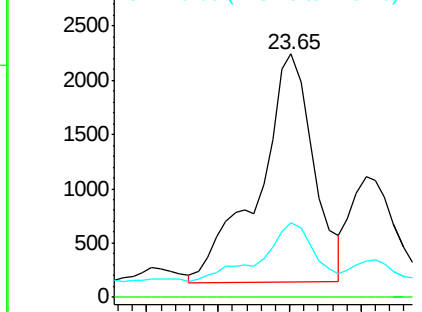
Mmdadoda
11/24/2015 1:06:39 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.30 ng/ul

RT: 24.26 min Scan# 3557

Delta R.T. 0.00 min

Lab File: BE091300.D

Acq: 23 Nov 2015 15:20

Tgt Ion:	276	Resp:	78130
Ion Ratio	Lower	Upper	
276	100		
277	24.8	21.3	31.9
138	28.0	25.5	38.3

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

