

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090332.D
 Acq On : 4 Aug 2015 5:02
 Operator : TP/UM
 Sample : PB84826BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 3:27:31 PM

Quant Time: Aug 04 07:49:50 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	9239	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	38687	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	19514	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	40365	5.00	ng	0.00
25) Chrysene-d12	21.11	240	38821	5.00	ng	0.00
32) Perylene-d12	23.42	264	33503	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11104	6.29	ng	0.00
5) Phenol-d6	6.78	99	13929	6.42	ng	0.00
7) Nitrobenzene-d5	8.73	82	8427	3.69	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2268	6.27	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	20380	3.60	ng	0.00
27) Terphenyl-d14	19.57	244	28434	3.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	3900	3.57	ng	91
3) n-Nitrosodimethylamine	3.50	42	5495	3.52	ng	# 96
8) Nitrobenzene	8.77	77	8651	3.67	ng	96
9) Naphthalene	10.40	128	27473	3.30	ng	97
10) Hexachlorobutadiene	10.69	225	3608	3.24	ng	99
11) 2-Methylnaphthalene	12.01	142	18385	3.57	ng	98
15) Acenaphthylene	13.92	152	120543	3.54	ng	100
16) Acenaphthene	14.27	154	17353	3.52	ng	96
17) Fluorene	15.26	166	22557	3.77	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	5979	3.94	ng	92
20) Hexachlorobenzene	16.27	284	21264	3.71	ng	98
21) Pentachlorophenol	16.61	266	3878	7.81	ng	# 78
22) Phenanthrene	17.00	178	35230	3.83	ng	99
23) Anthracene	17.08	178	34101	4.15	ng	99
24) Fluoranthene	18.99	202	39530	4.27	ng	100
26) Pyrene	19.35	202	41944	4.00	ng	99
28) Benzo(a)anthracene	21.09	228	32409	4.39	ng	97
29) Chrysene	21.14	228	36987	4.20	ng	98
30) Bis(2-ethylhexyl)phthalate	21.04	149	15462	4.62	ng	97
31) Indeno(1,2,3-cd)pyrene	25.82	276	26129	4.92	ng	# 83
33) Benzo(b)fluoranthene	22.72	252	24833	3.92	ng	# 90
34) Benzo(k)fluoranthene	22.76	252	37819m	4.16	ng	
35) Benzo(a)pyrene	23.31	252	24952	4.23	ng	# 87
36) Dibenzo(a,h)anthracene	25.84	278	18861	4.76	ng	# 73
37) Benzo(g,h,i)perylene	26.55	276	26826	4.34	ng	# 86

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

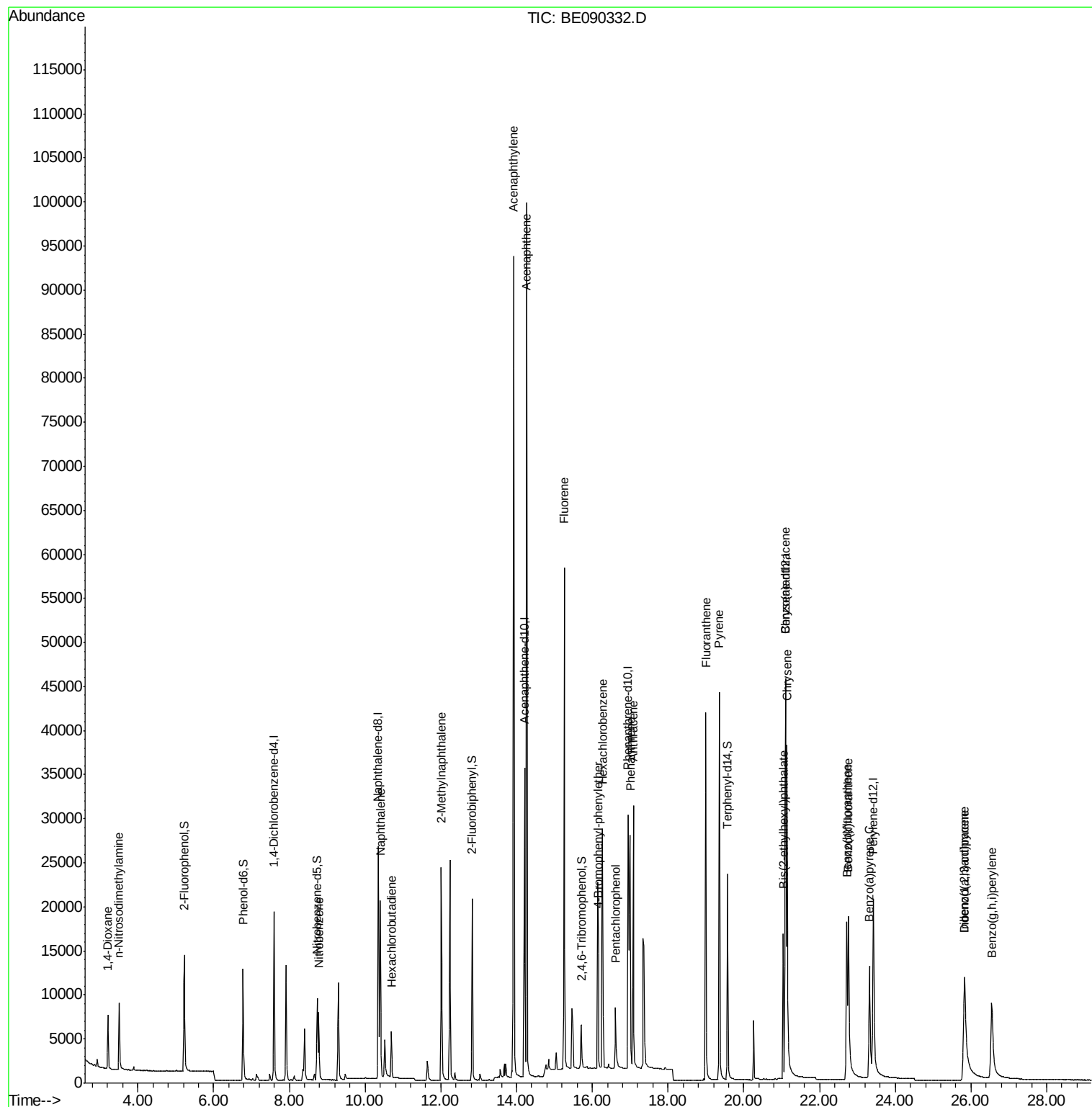
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090332.D
Acq On : 4 Aug 2015 5:02
Operator : TP/UM
Sample : PB84826BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

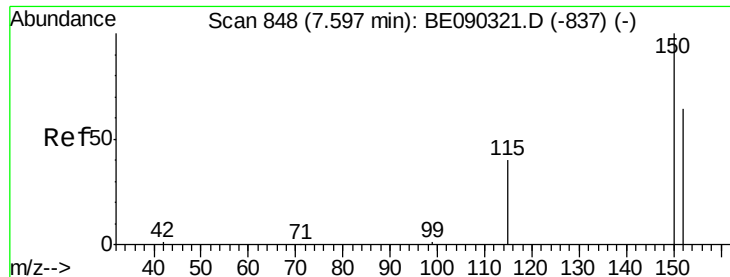
Instrument :
BNA_E
ClientSampleId :
PB84826BSD

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8/4/2015 3:27:31 PM

Quant Time: Aug 04 07:49:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.59 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE090332.D

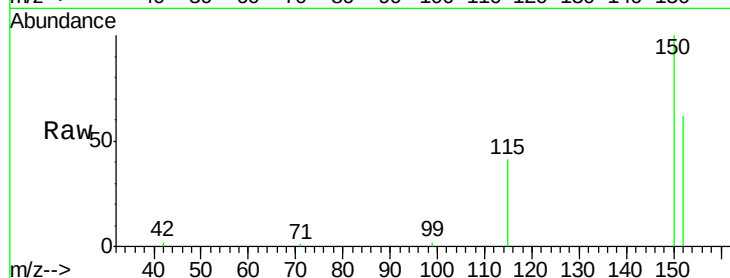
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD



Tgt Ion: 152 Resp: 9239

Ion Ratio Lower Upper

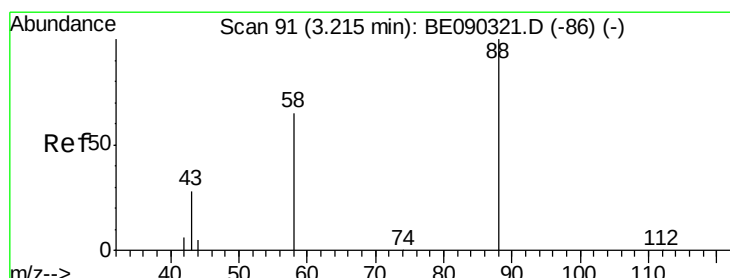
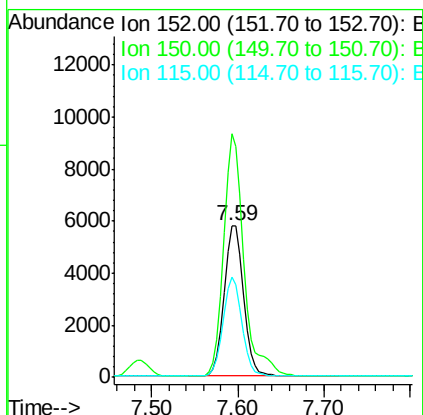
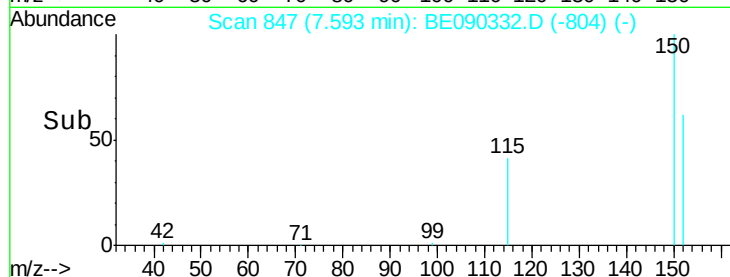
152 100

150 160.8 124.2 186.2

115 65.8 50.4 75.6

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#2

1,4-Dioxane

Concen: 3.57 ng

RT: 3.21 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

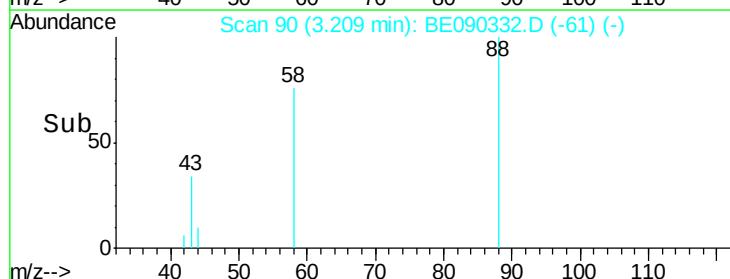
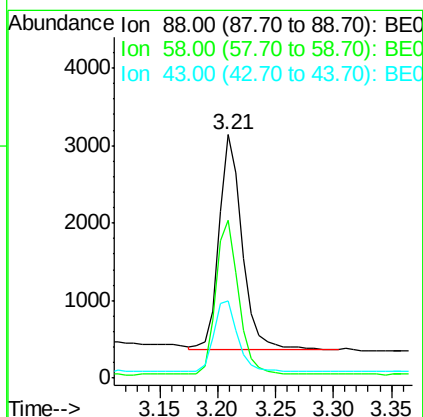
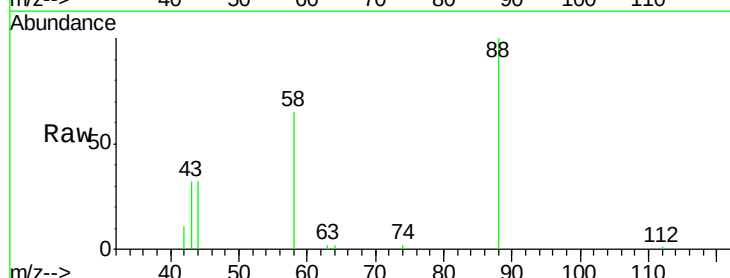
Tgt Ion: 88 Resp: 3900

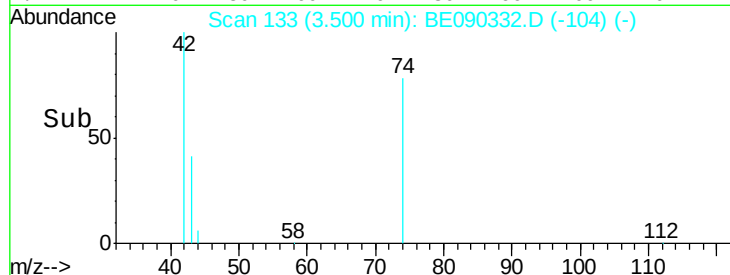
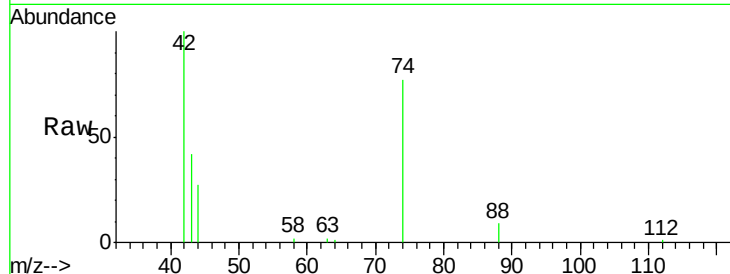
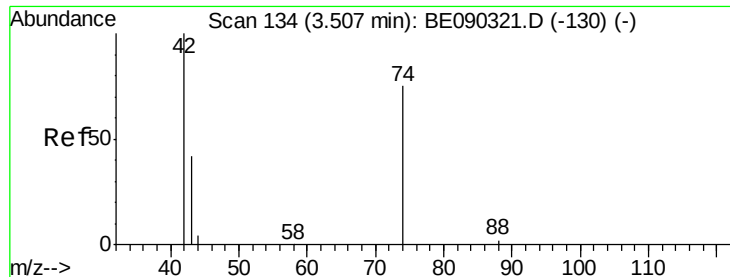
Ion Ratio Lower Upper

88 100

58 71.3 50.2 75.2

43 33.6 25.0 37.6





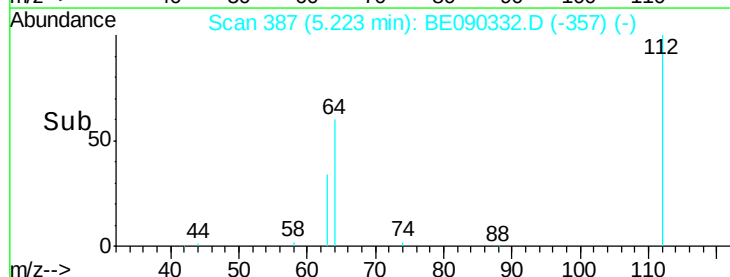
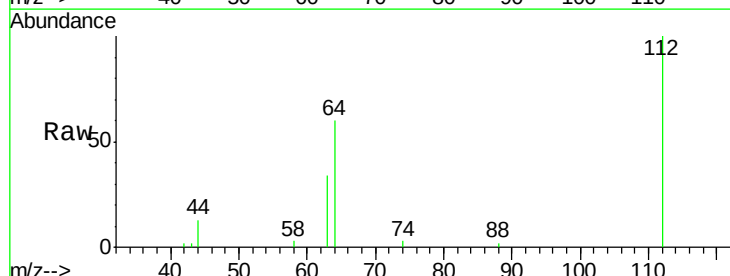
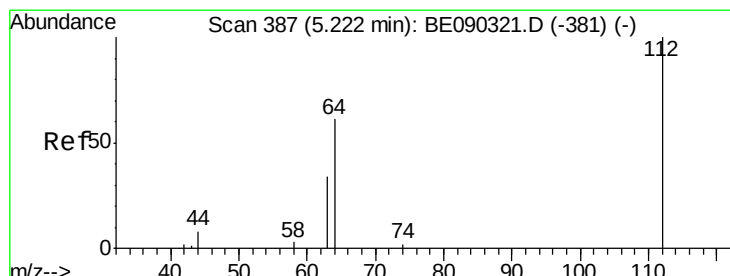
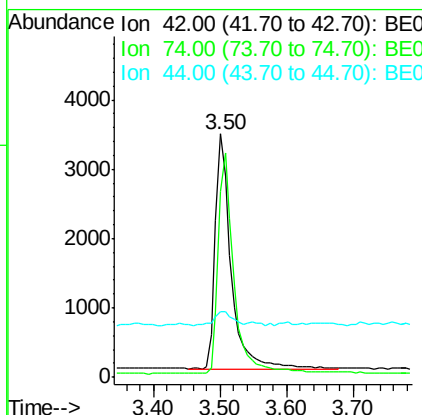
#3
n-Nitrosodimethylamine
Concen: 3.52 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.01 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.0	73.2	109.8
44	6.3	3.8	5.6#

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

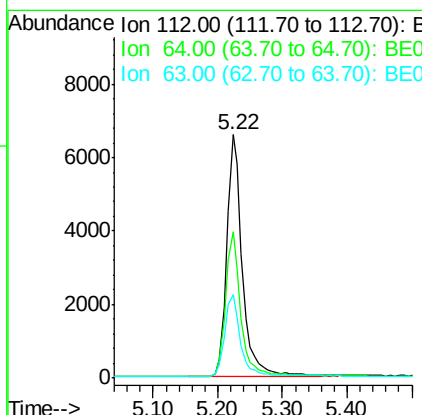
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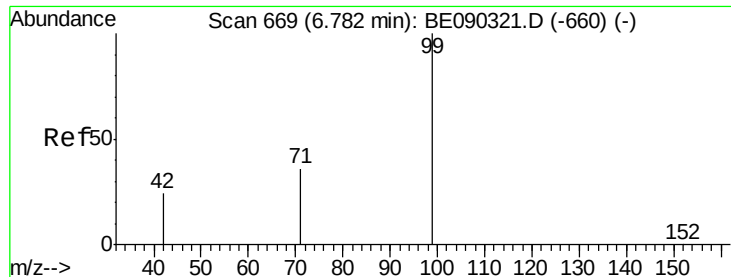
MMDadoda
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#4
2-Fluorophenol
Concen: 6.29 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.0	73.4
63	34.2	27.7	41.5





#5

Phenol-d6

Concen: 6.42 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

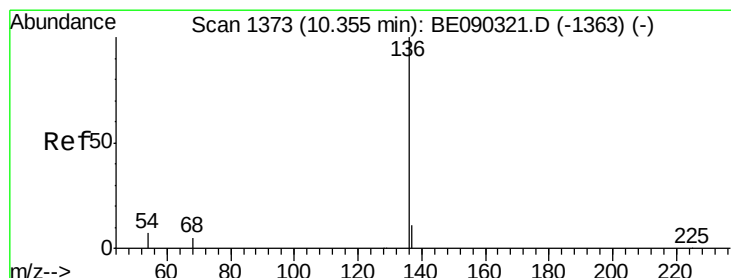
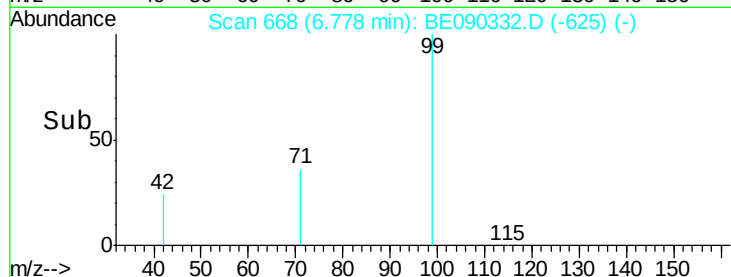
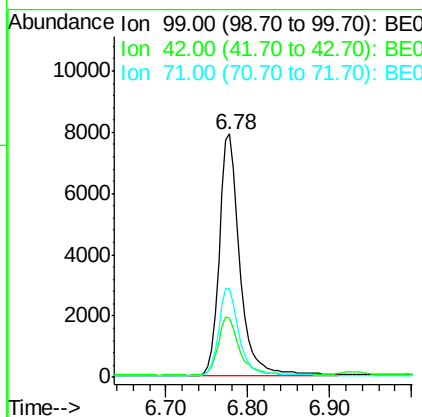
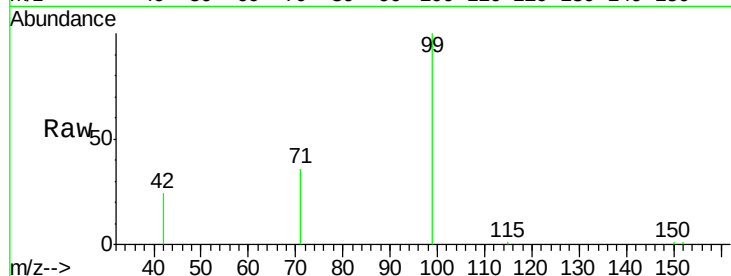
ClientSampleId :

PB84826BSD

Manual Integrations
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Tgt Ion:	99	Resp:	13929
Ion Ratio	Lower	Upper	
99	100		
42	25.3	22.2	33.2
71	36.7	29.2	43.8



#6

Naphthalene-d8

Concen: 5.00 ng

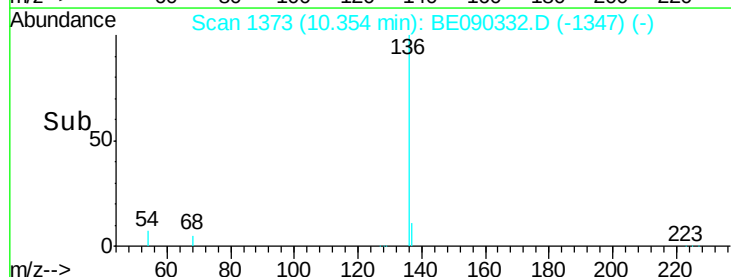
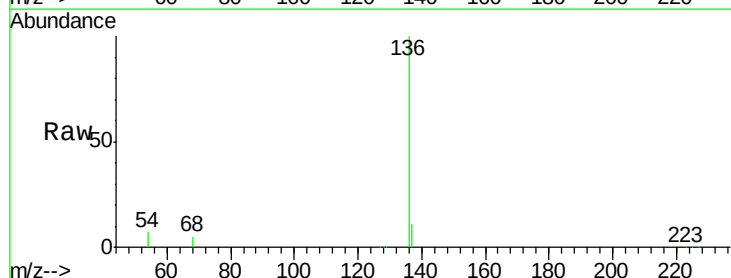
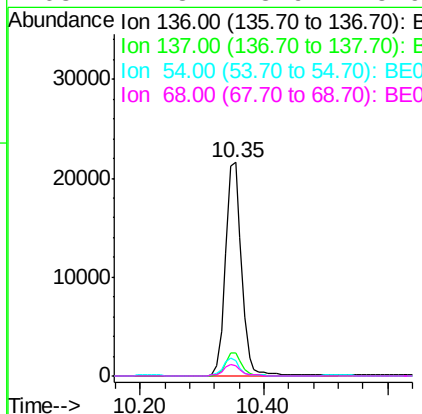
RT: 10.35 min Scan# 1373

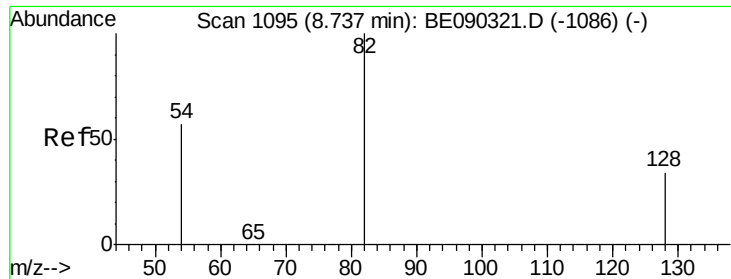
Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion:	136	Resp:	38687
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.0	6.0	9.0
68	4.8	3.9	5.9





#7

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090332.D

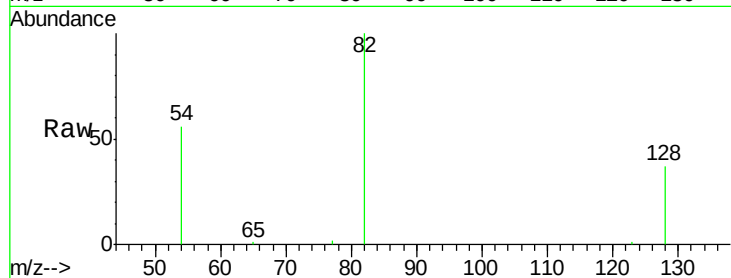
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

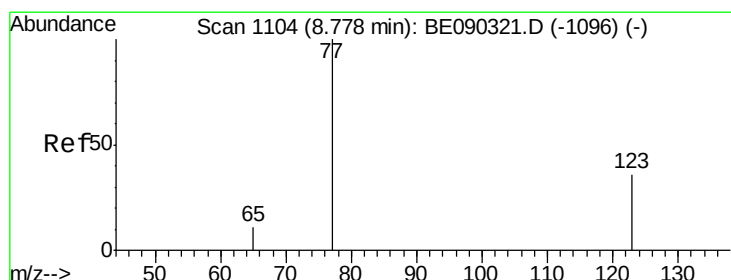
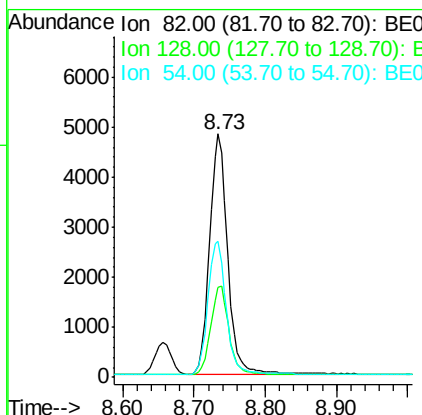
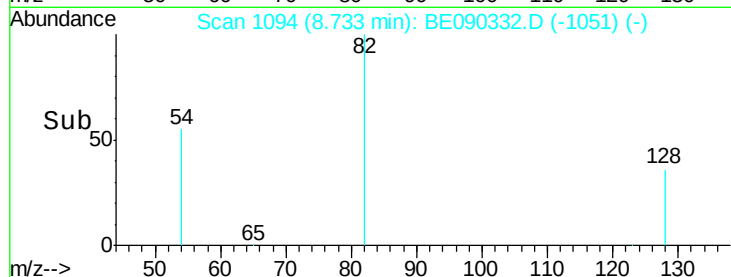
PB84826BSD



Tgt Ion:	82	Resp:	8427
Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.8	46.2
54	55.9	47.5	71.3

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#8

Nitrobenzene

Concen: 3.67 ng

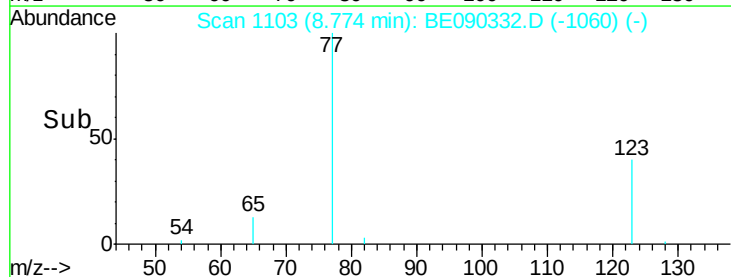
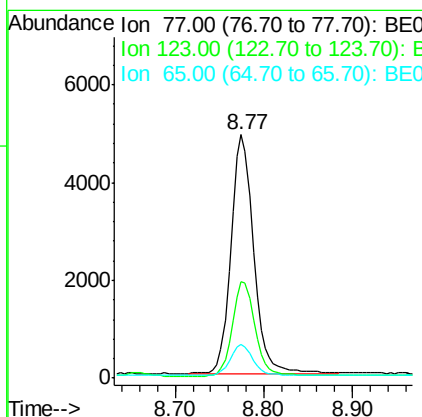
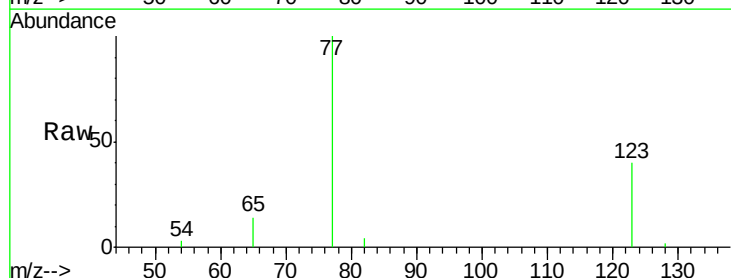
RT: 8.77 min Scan# 1103

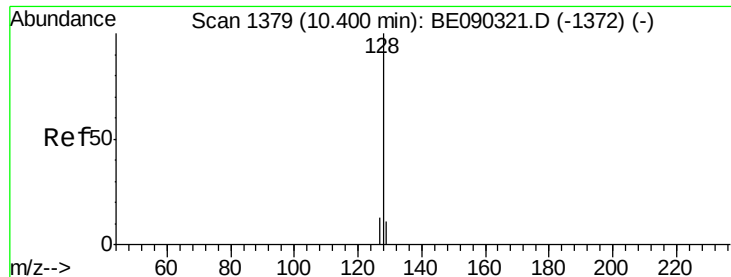
Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion:	77	Resp:	8651
Ion	Ratio	Lower	Upper
77	100		
123	39.8	29.6	44.4
65	13.3	10.4	15.6





#9

Naphthalene

Concen: 3.30 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090332.D

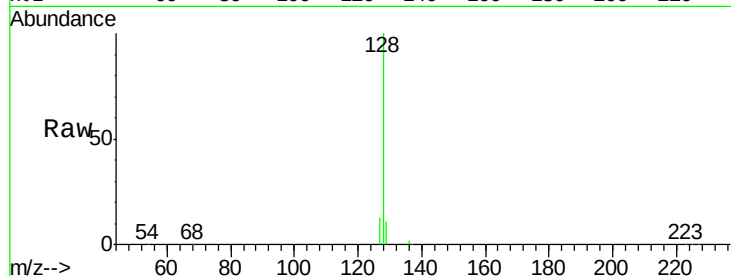
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

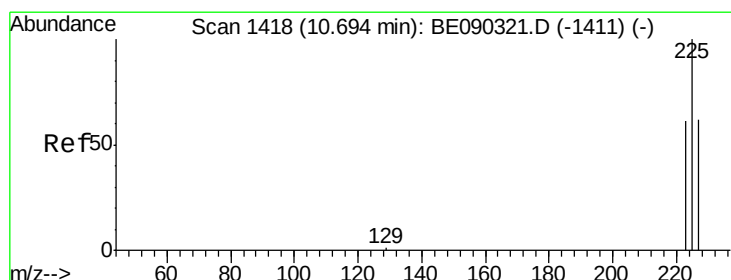
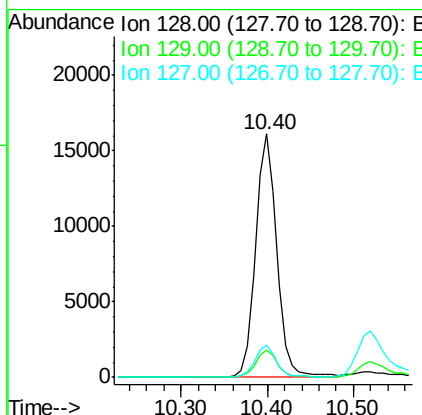
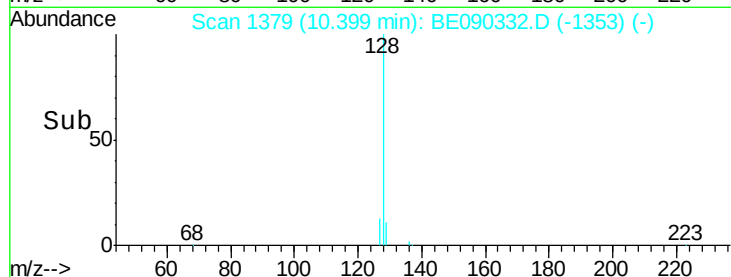
PB84826BSD



Tgt Ion:	128	Resp:	27473
Ion Ratio	Lower	Upper	
128	100		
129	11.3	10.1	15.1
127	13.1	11.3	16.9

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 3.24 ng

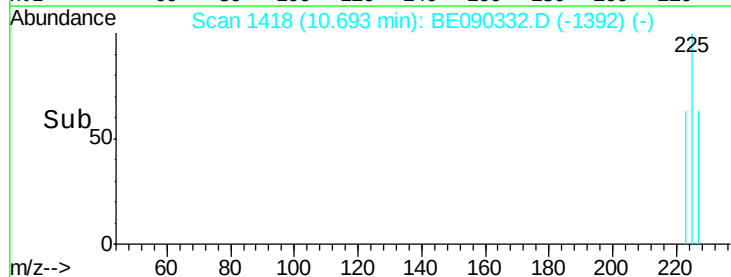
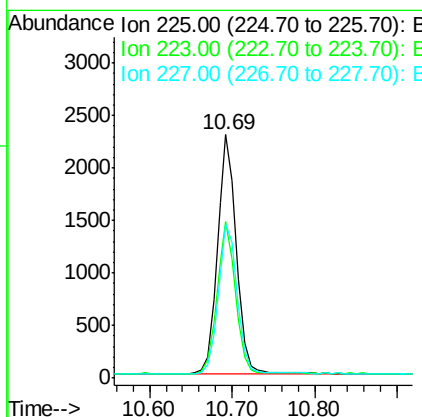
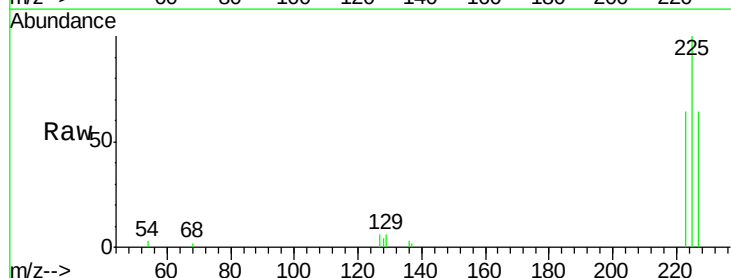
RT: 10.69 min Scan# 1418

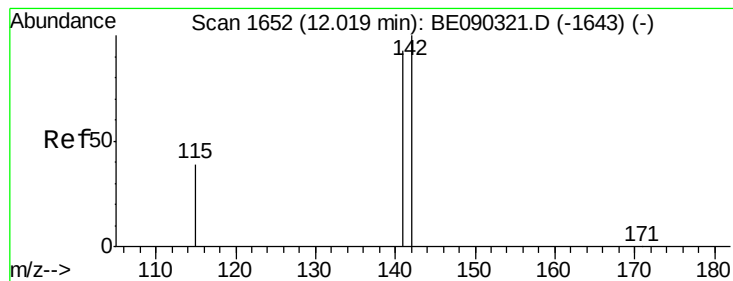
Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

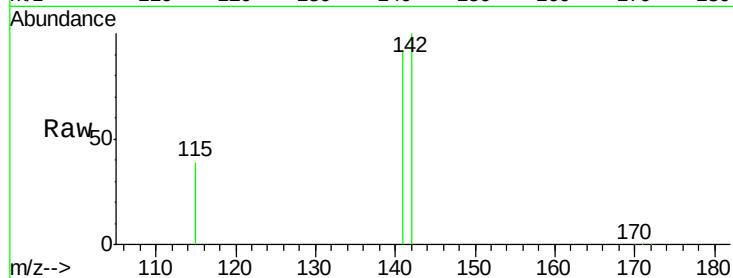
Tgt Ion:	225	Resp:	3608
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.4	75.6
227	63.2	49.6	74.4





#11
2-Methylnaphthalene
Concen: 3.57 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

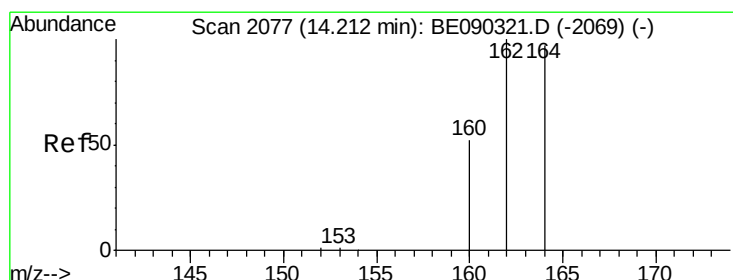
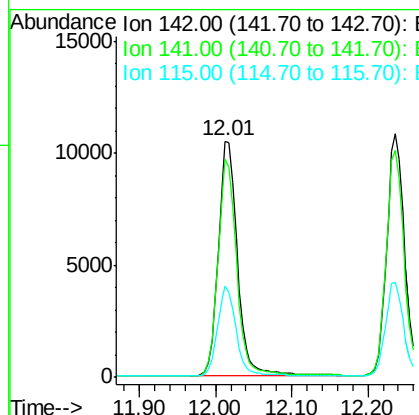
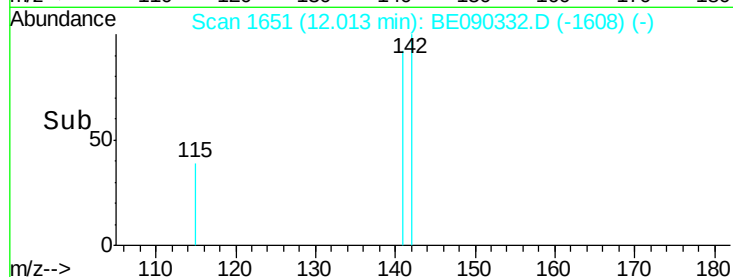
Instrument :
BNA_E
ClientSampleId :
PB84826BSD



Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.6	112.0
115	38.8	32.6	49.0

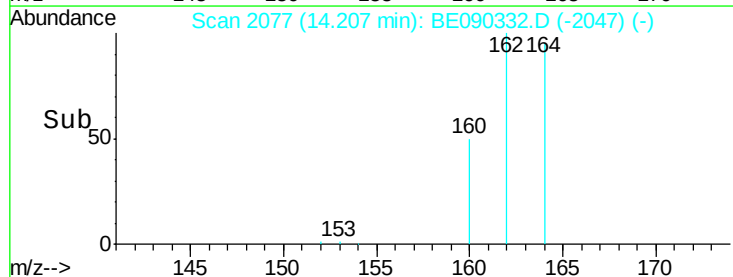
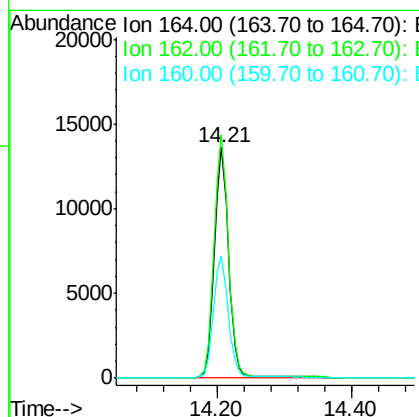
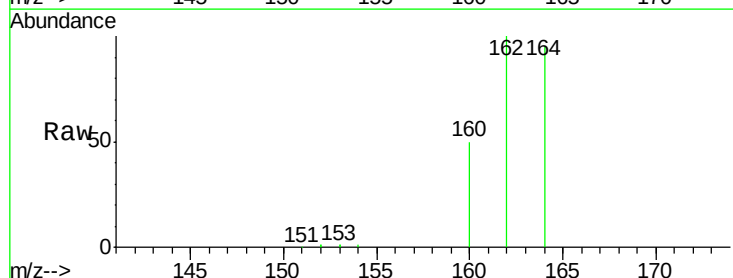
Manual Integrations
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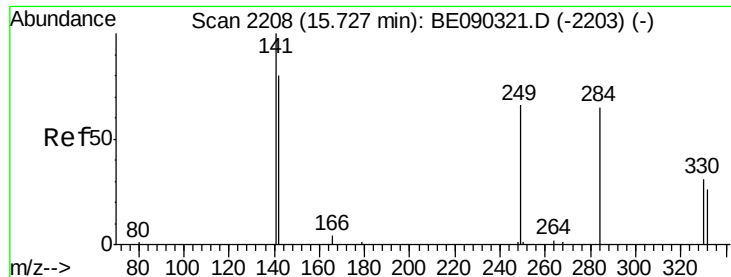
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.7	124.1
160	52.7	43.0	64.6





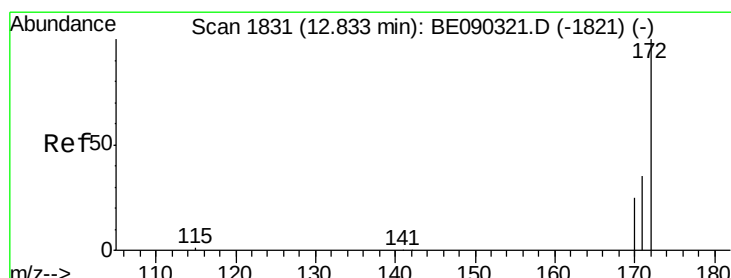
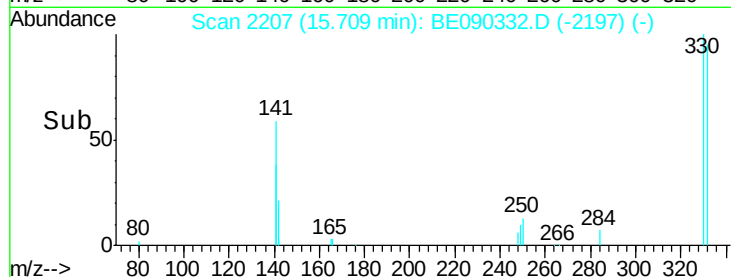
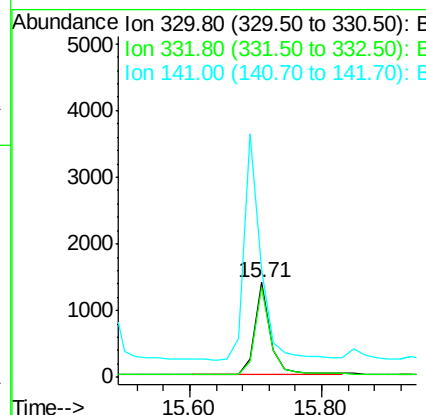
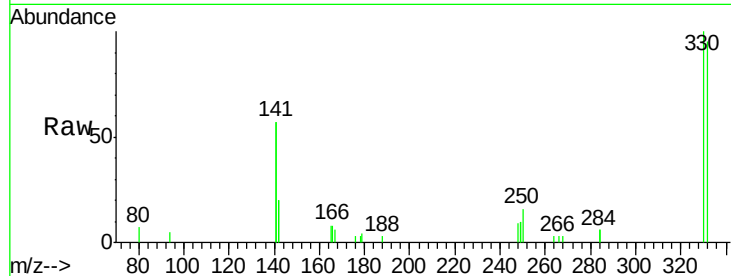
#13
 2,4,6-Tribromophenol
 Concen: 6.27 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Instrument :
 BNA_E
 ClientSampleID :
 PB84826BSD

Tgt Ion:330 Resp: 2268
 Ion Ratio Lower Upper
 330 100
 332 94.8 79.4 119.0
 141 258.8 245.9 368.9

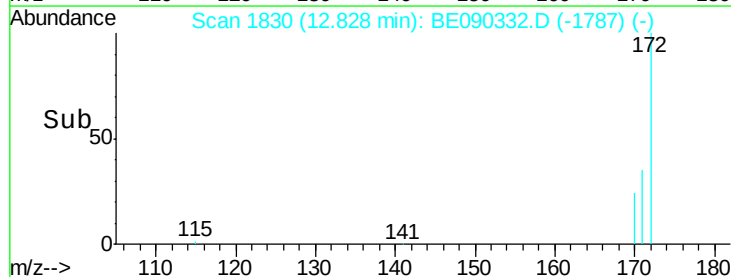
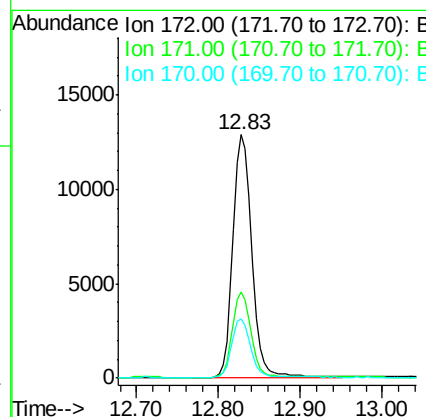
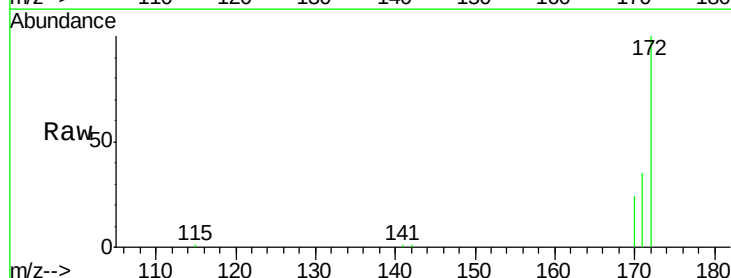
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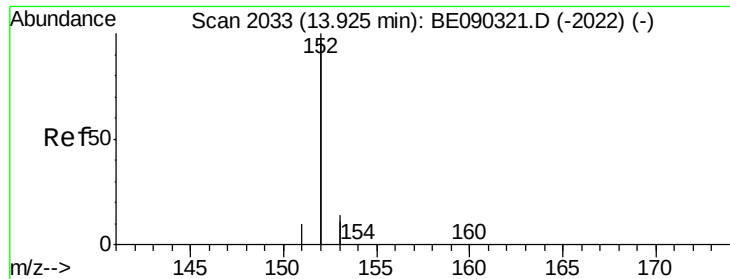
MMDadoda
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#14
 2-Fluorobiphenyl
 Concen: 3.60 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion:172 Resp: 20380
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.5 44.3
 170 24.4 21.3 31.9





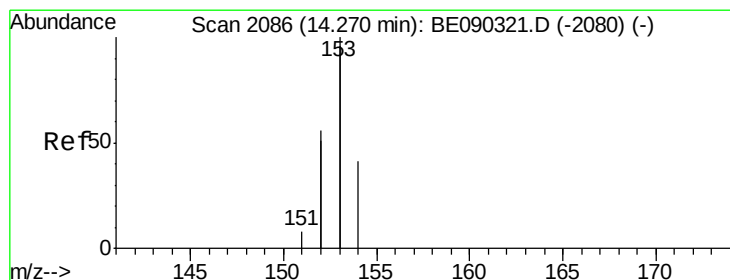
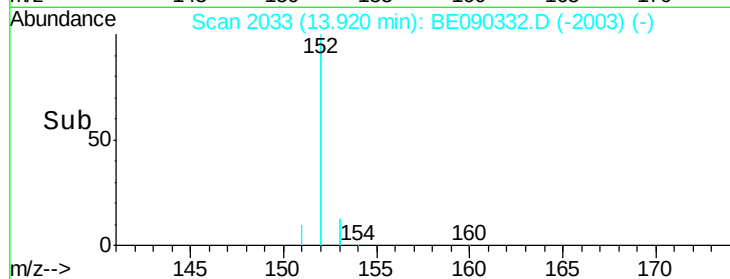
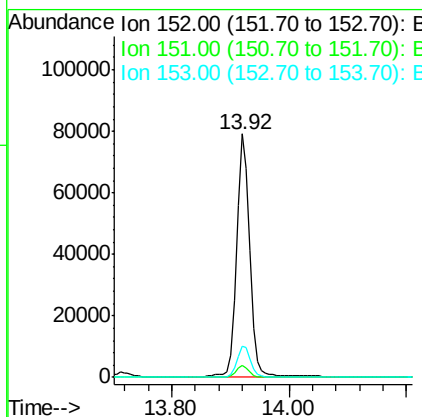
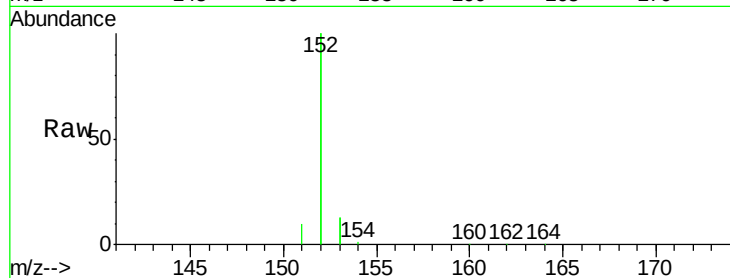
#15
Acenaphthylene
Concen: 3.54 ng
RT: 13.92 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.0	10.2	15.4

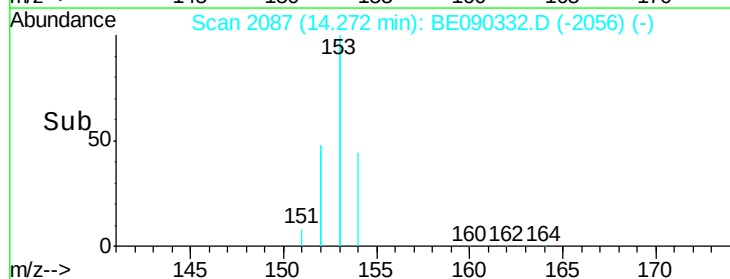
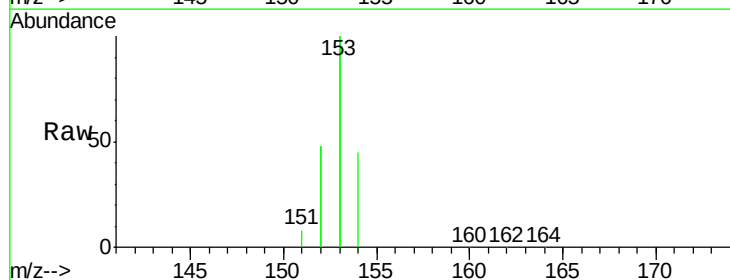
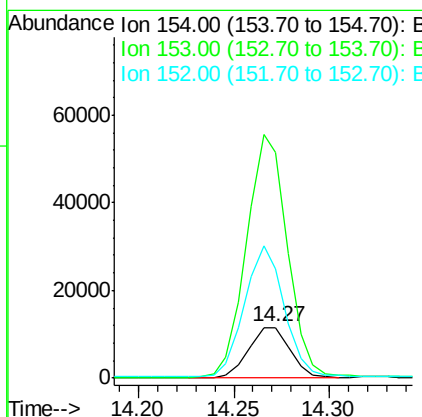
Manual Integrations
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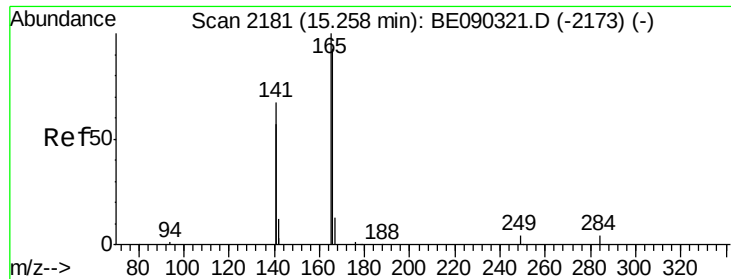
MMDadoda
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#16
Acenaphthene
Concen: 3.52 ng
RT: 14.27 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	478.7	378.0	567.0
152	252.6	212.7	319.1





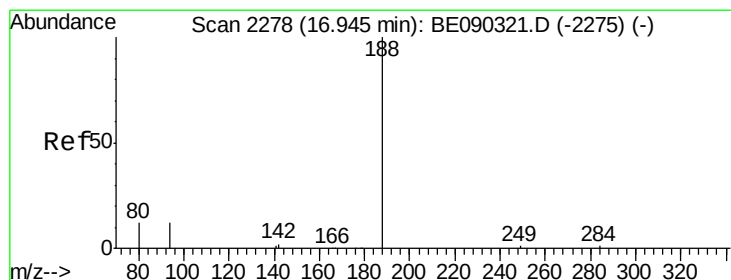
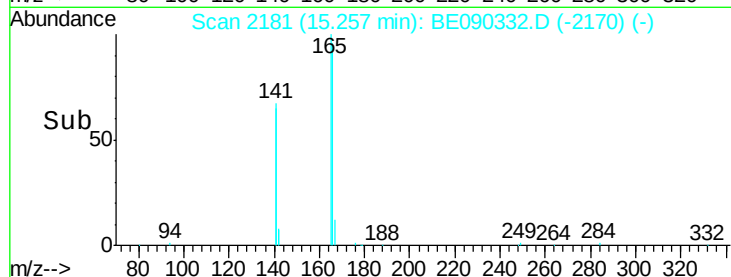
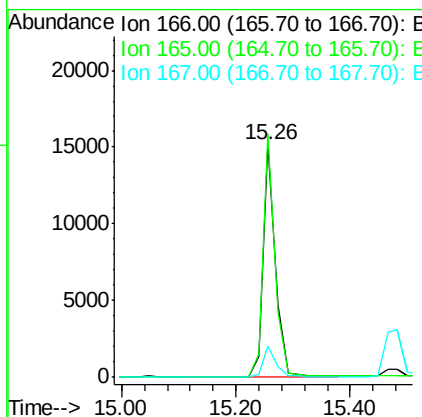
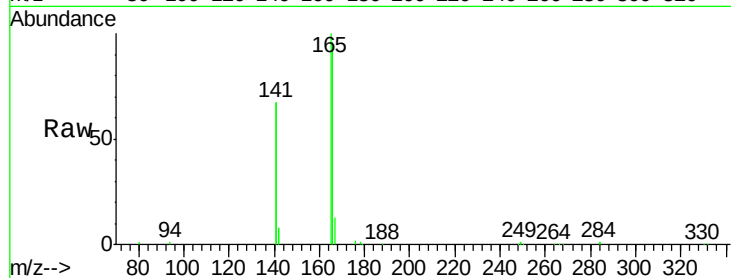
#17
Fluorene
Concen: 3.77 ng
RT: 15.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	82.6	123.8
167	13.5	11.8	17.8

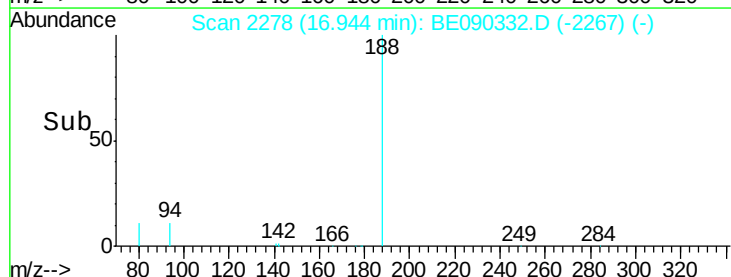
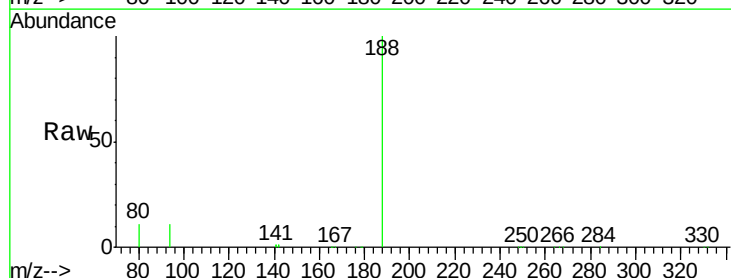
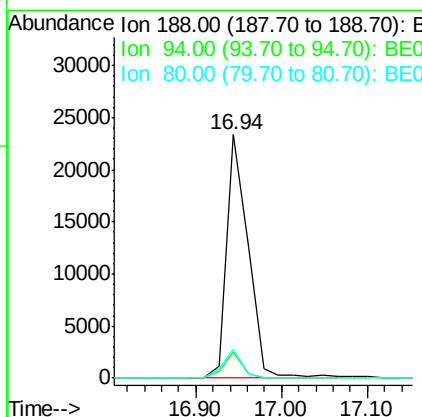
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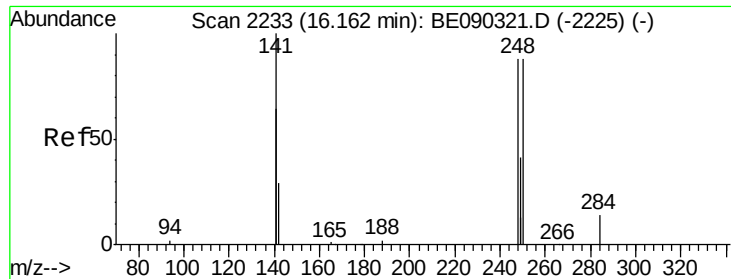
MMDadoda
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

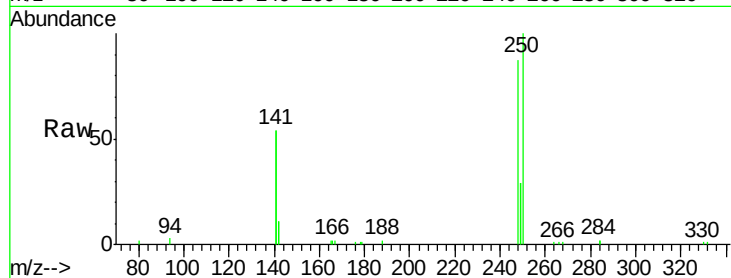
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.5	14.3
80	11.5	10.0	15.0





#19
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

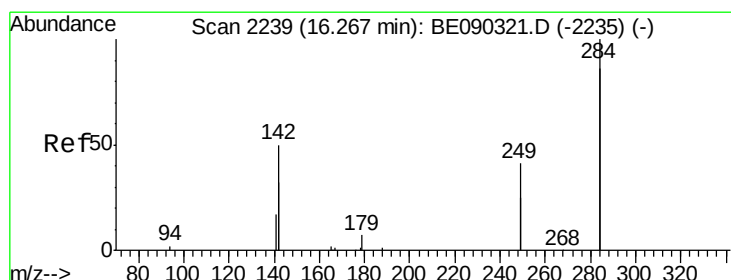
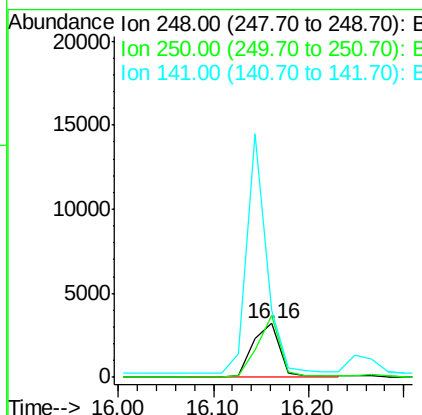
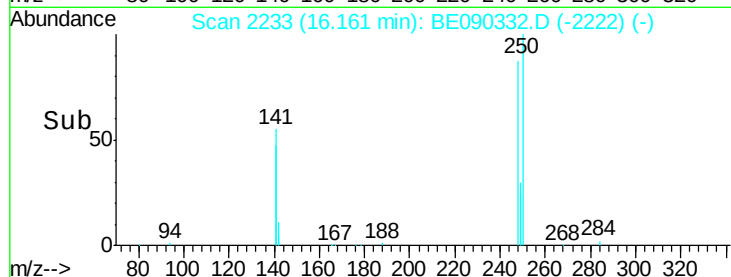
Instrument :
BNA_E
ClientSampleId :
PB84826BSD



Tgt Ion:248 Resp: 5979
Ion Ratio Lower Upper
248 100
250 98.0 74.0 111.0
141 341.2 258.9 388.3

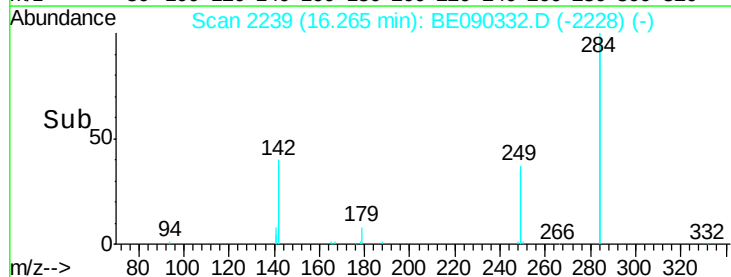
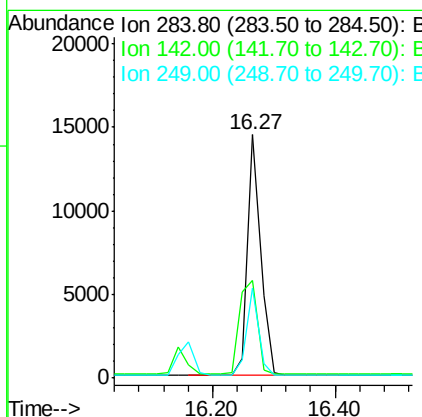
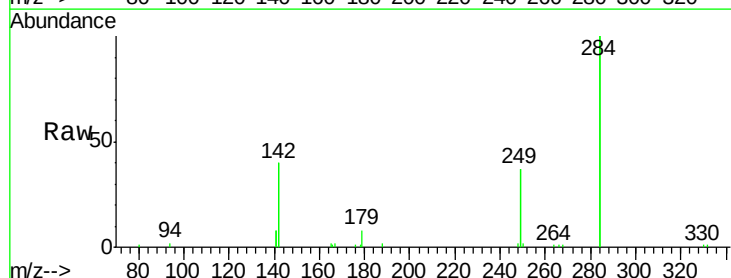
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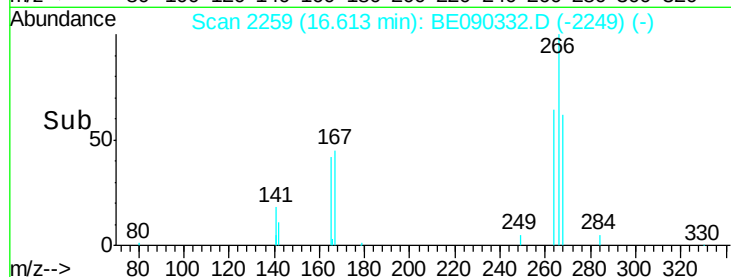
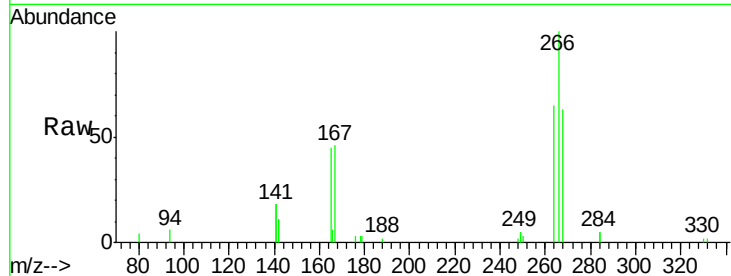
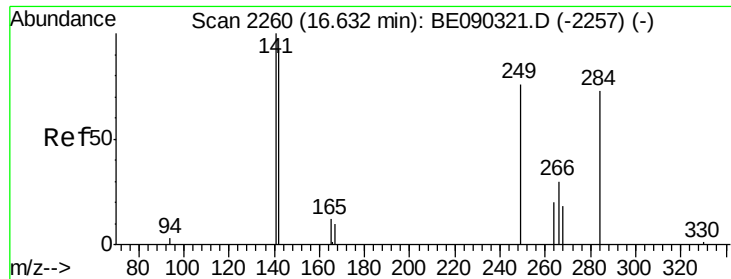
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#20
Hexachlorobenzene
Concen: 3.71 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion:284 Resp: 21264
Ion Ratio Lower Upper
284 100
142 53.8 44.2 66.4
249 33.6 26.4 39.6





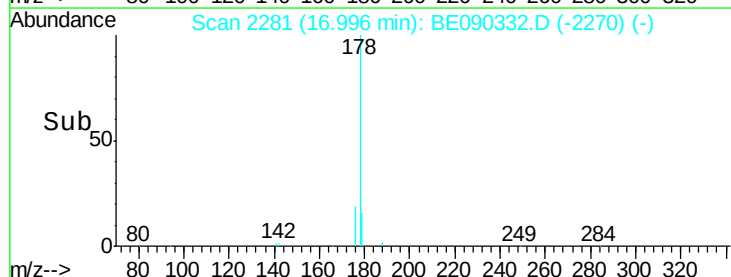
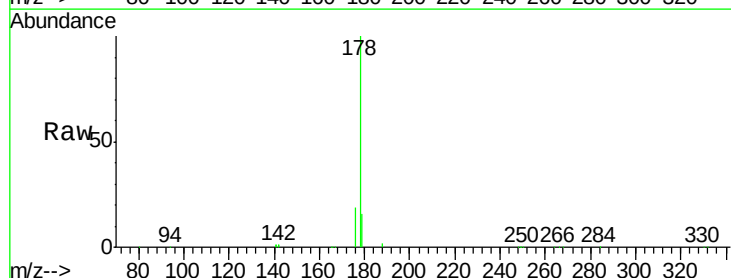
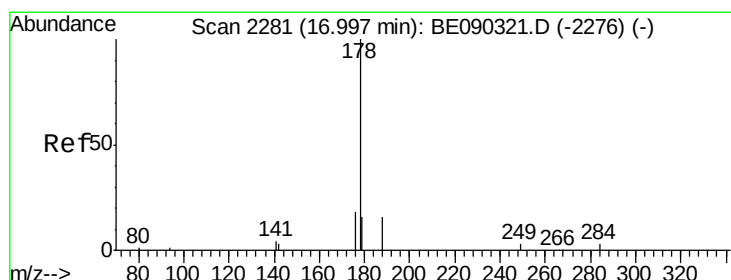
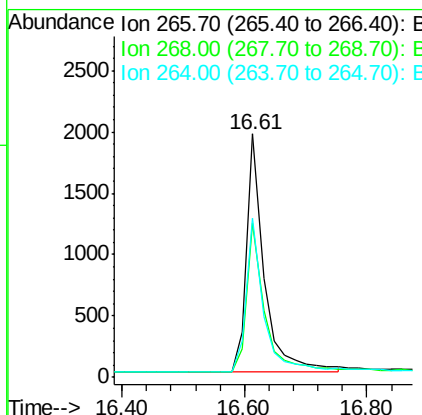
#21
Pentachlorophenol
Concen: 7.81 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3878		
268	63.1	66.2	99.2#	
264	65.2	69.1	103.7#	

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

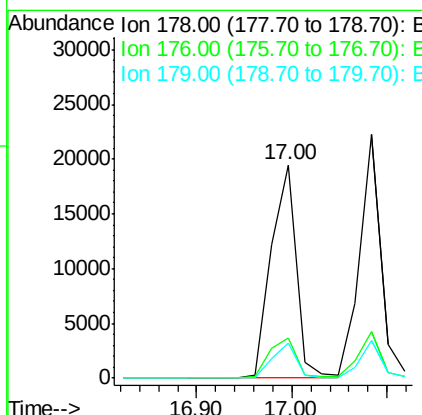
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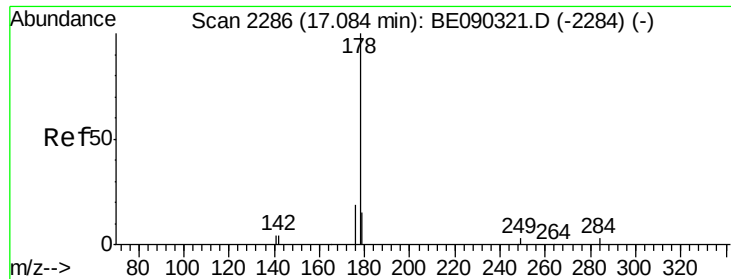
MMDadoda
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#22
Phenanthrene
Concen: 3.83 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	35230		
176	20.0	15.5	23.3	
179	15.6	12.6	18.8	





#23

Anthracene

Concen: 4.15 ng

RT: 17.08 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090332.D

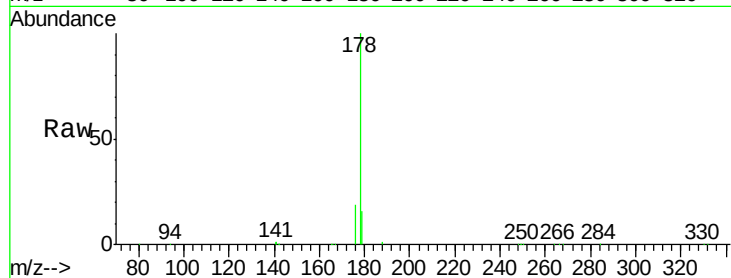
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

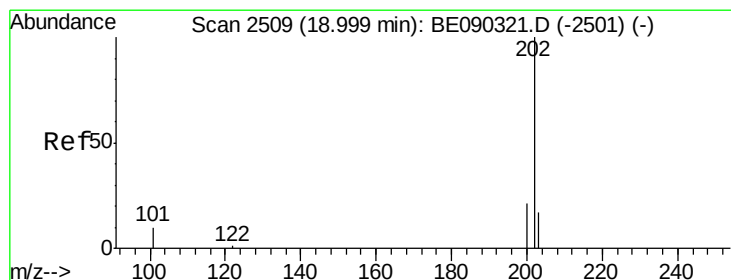
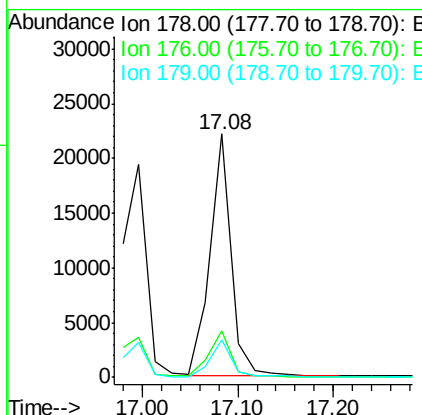
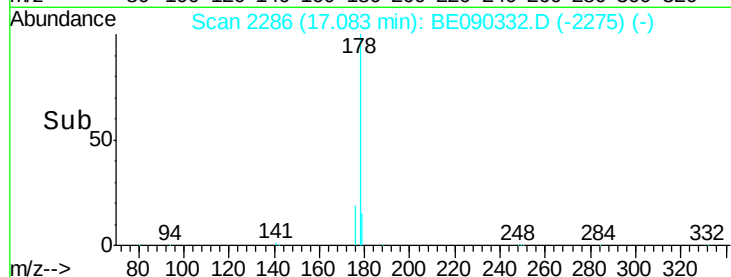
PB84826BSD



Tgt Ion:	178	Resp:	34101
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	15.5	12.1	18.1

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#24

Fluoranthene

Concen: 4.27 ng

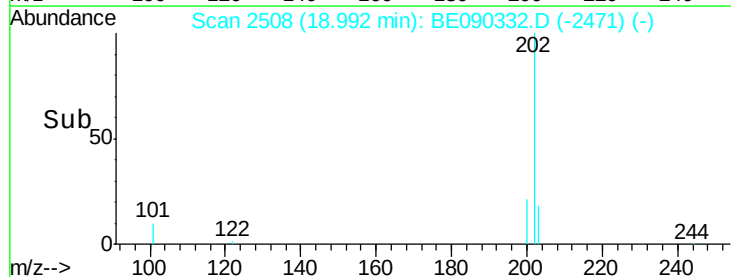
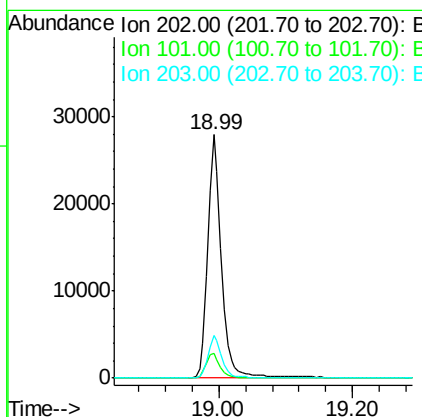
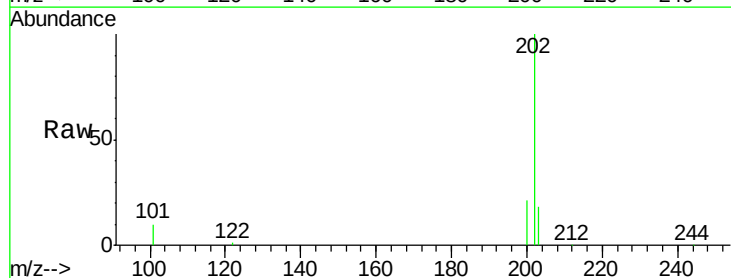
RT: 18.99 min Scan# 2508

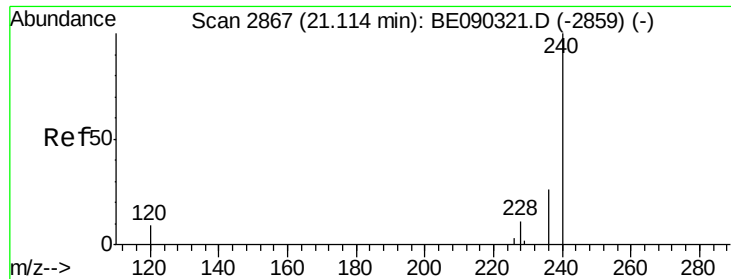
Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion:	202	Resp:	39530
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.3	12.5
203	17.1	13.8	20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090332.D

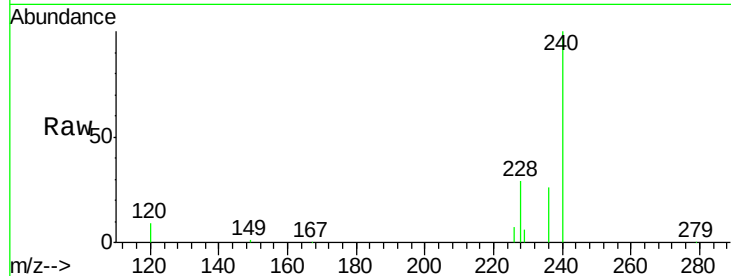
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

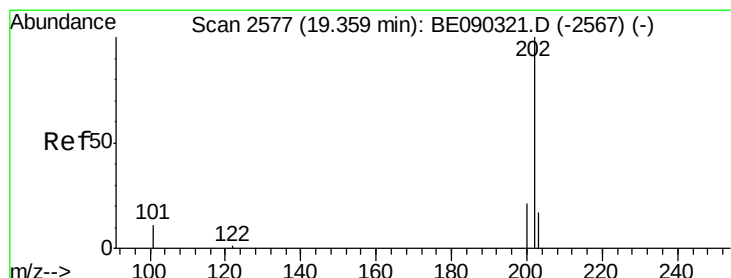
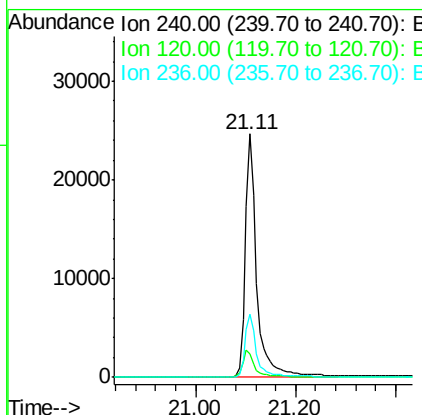
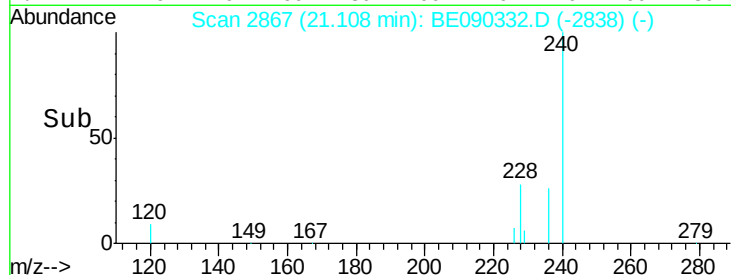
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Tgt Ion:	240	Resp:	38821
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.5	11.3
236	26.1	21.0	31.4

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#26

Pyrene

Concen: 4.00 ng

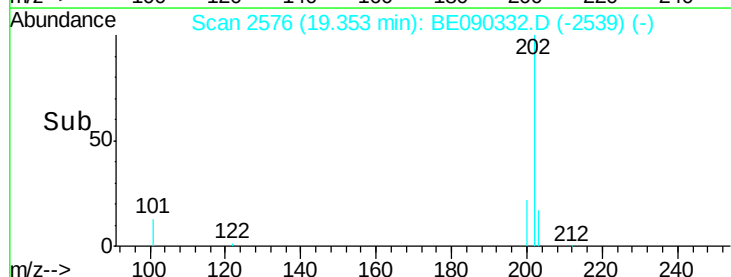
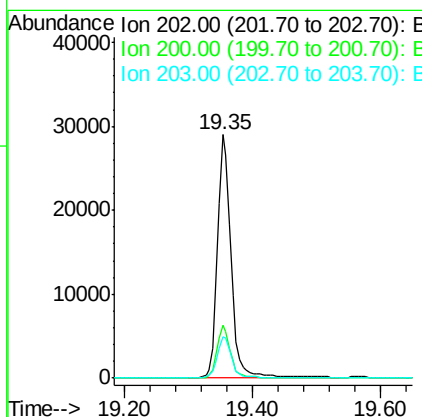
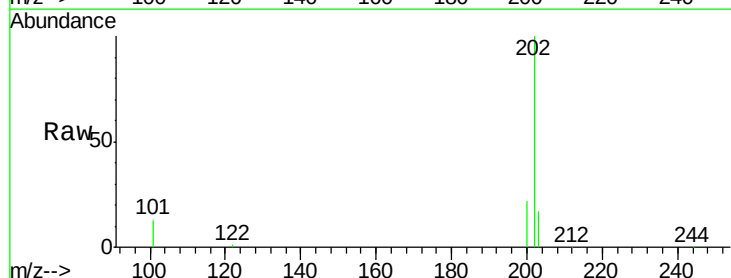
RT: 19.35 min Scan# 2576

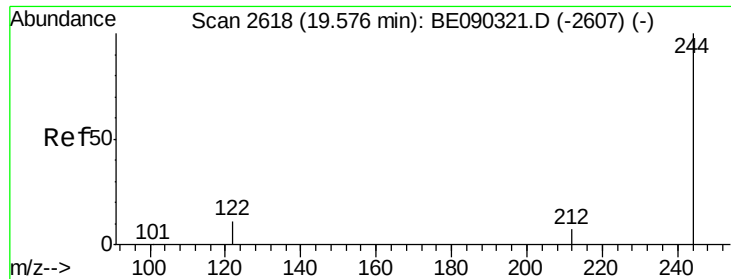
Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion:	202	Resp:	41944
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	24.8
203	17.8	13.8	20.6





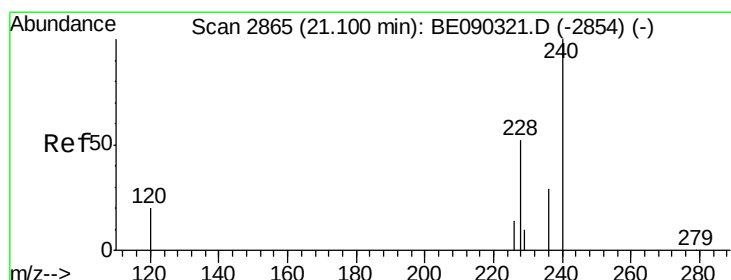
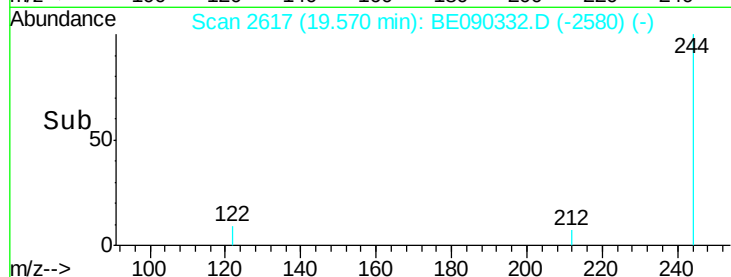
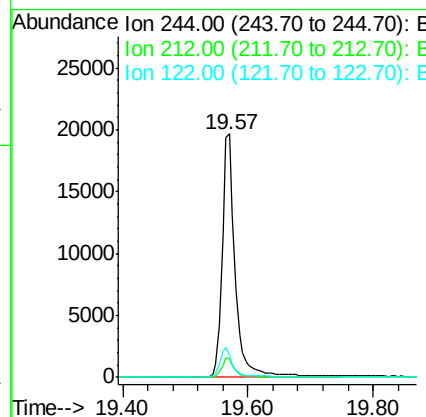
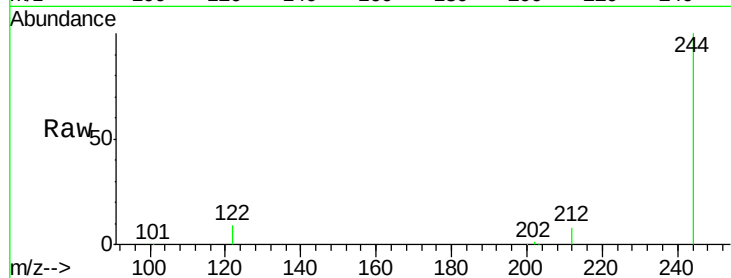
#27
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 19.57 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	28434		
212	7.6	7.4	11.2	
122	9.3	10.4	15.6	

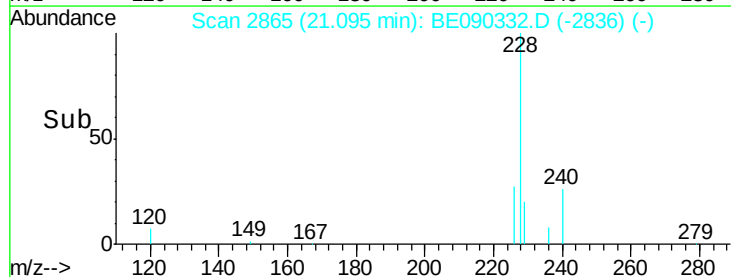
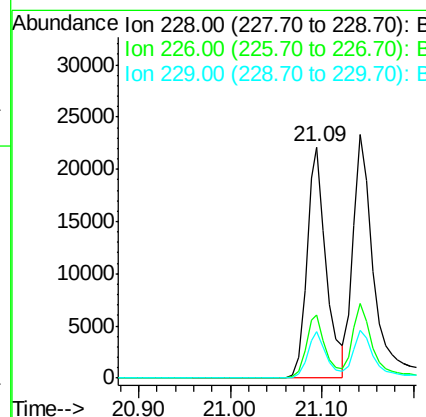
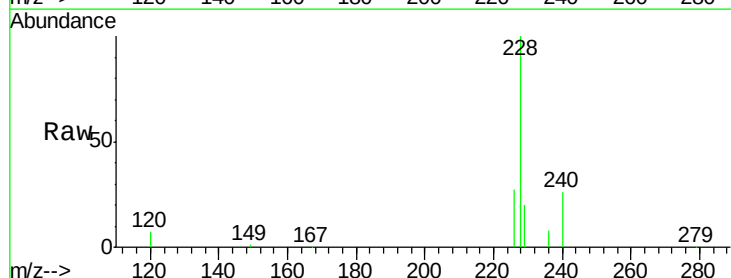
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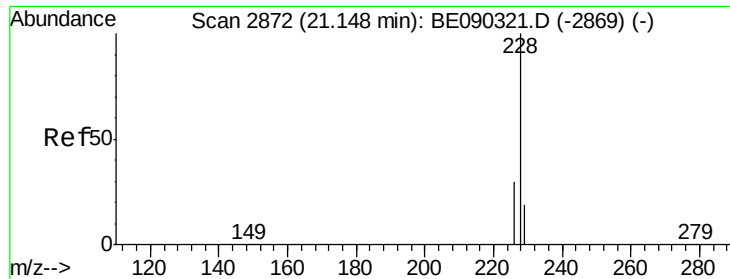
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#28
 Benzo(a)anthracene
 Concen: 4.39 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32409		
226	27.0	23.0	34.4	
229	20.0	17.4	26.2	





#29

Chrysene

Concen: 4.20 ng

RT: 21.14 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BE090332.D

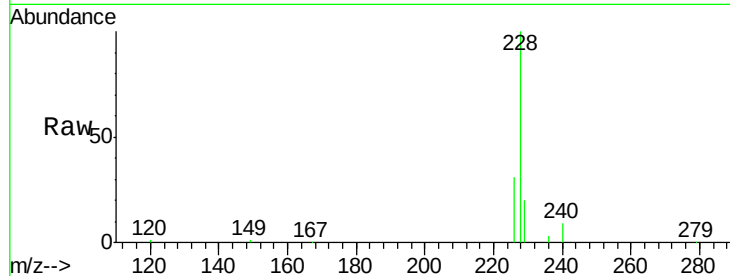
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

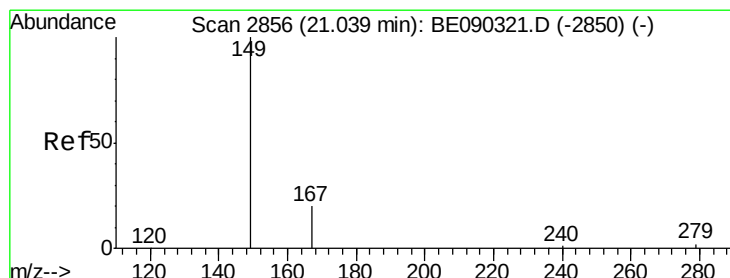
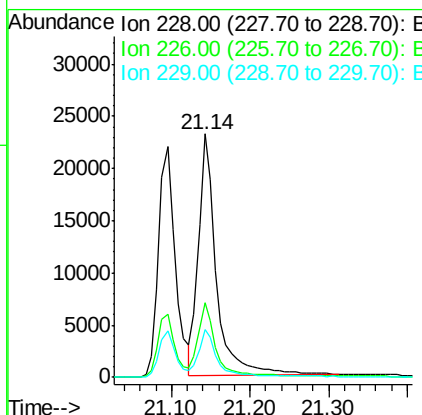
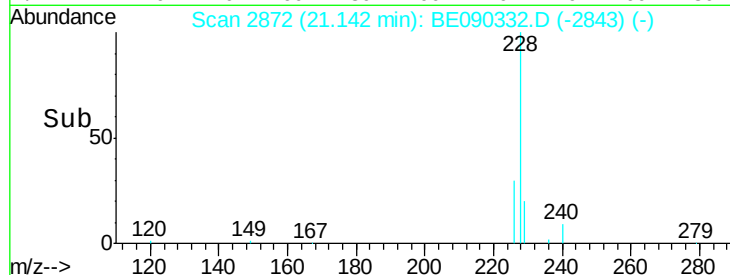
PB84826BSD



Tgt Ion:	228	Resp:	36987
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	19.7	16.6	25.0

Manual Integrations
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#30

Bis(2-ethylhexyl)phthalate

Concen: 4.62 ng

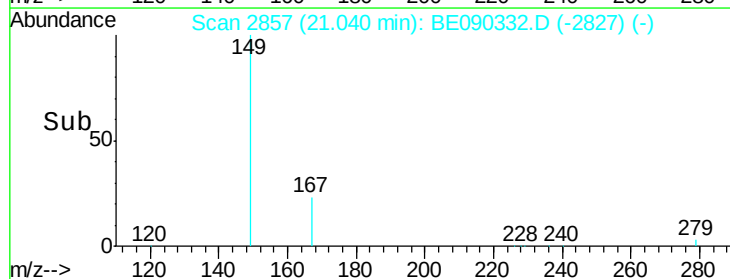
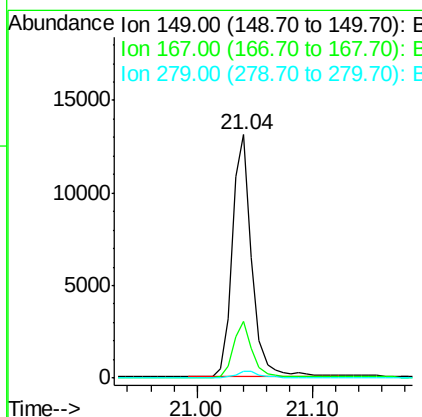
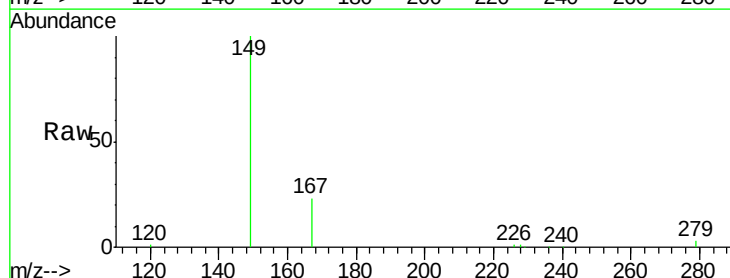
RT: 21.04 min Scan# 2857

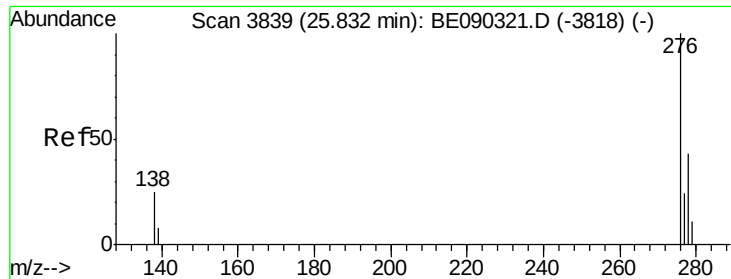
Delta R.T. 0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion:	149	Resp:	15462
Ion Ratio	Lower	Upper	
149	100		
167	22.2	16.6	24.8
279	2.8	2.7	4.1





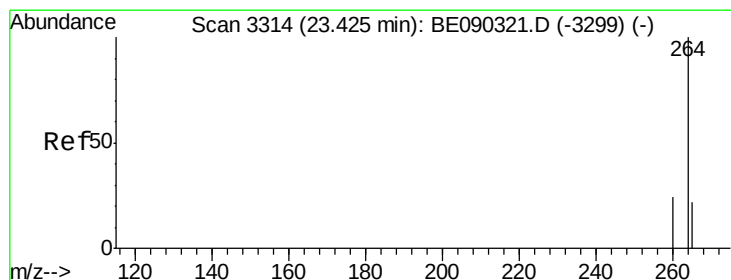
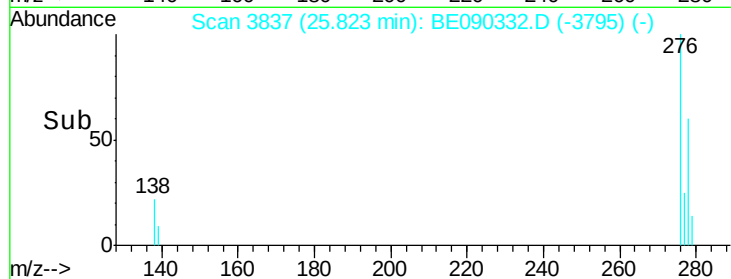
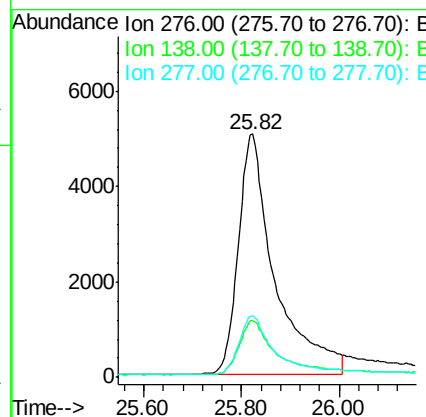
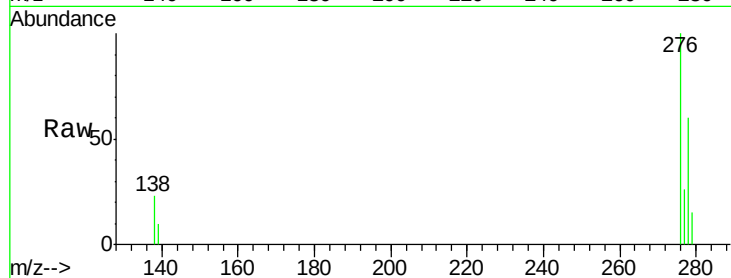
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 4.92 ng
 RT: 25.82 min Scan# 3837
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	10.6	16.0#
277	23.7	14.6	22.0#

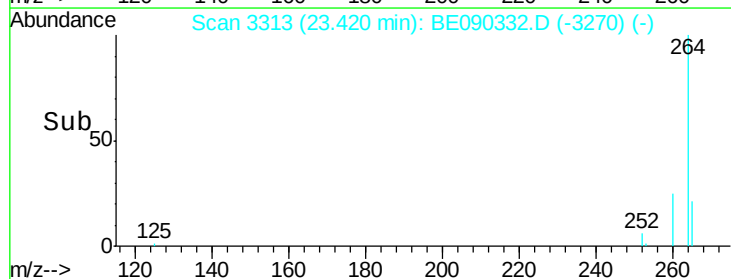
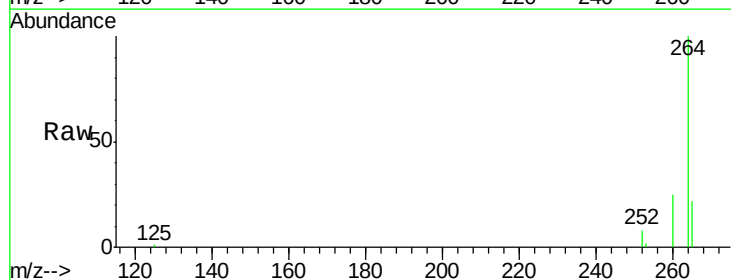
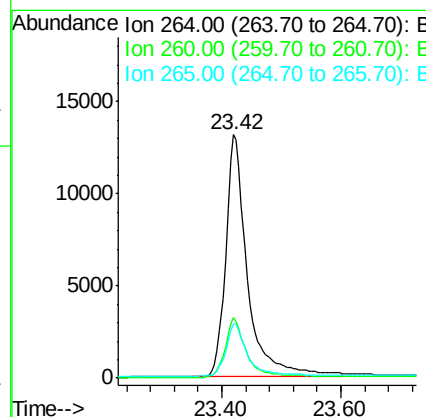
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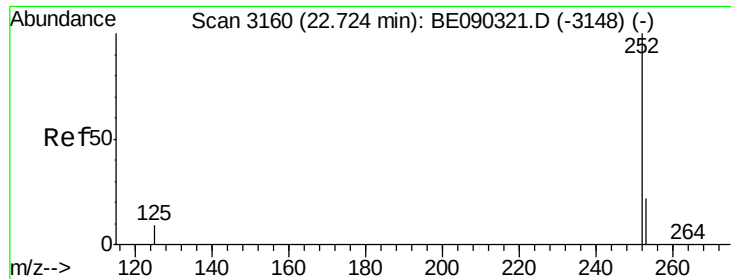
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#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.42 min Scan# 3313
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.1	18.6	28.0





#33

Benzo(b)fluoranthene

Concen: 3.92 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE090332.D

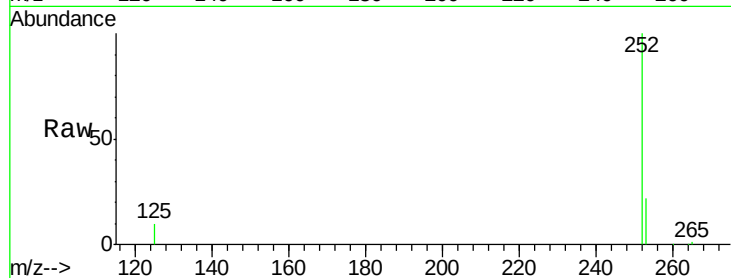
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

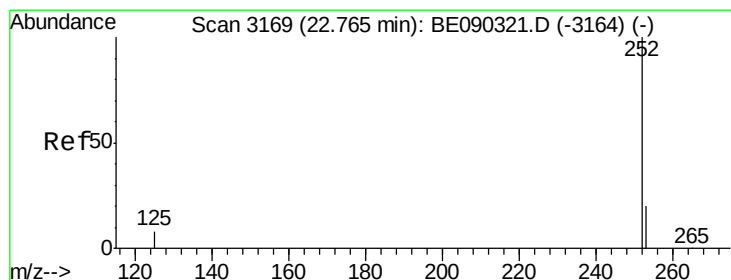
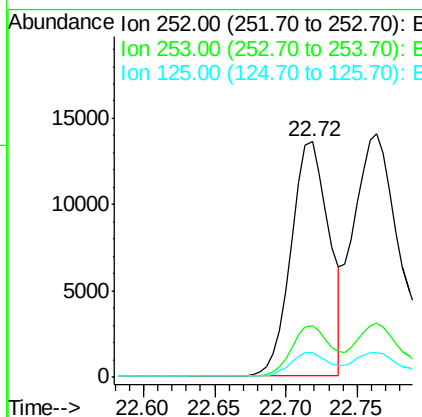
PB84826BSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.5	32.3
125	10.2	11.8	17.8#

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#34

Benzo(k)fluoranthene

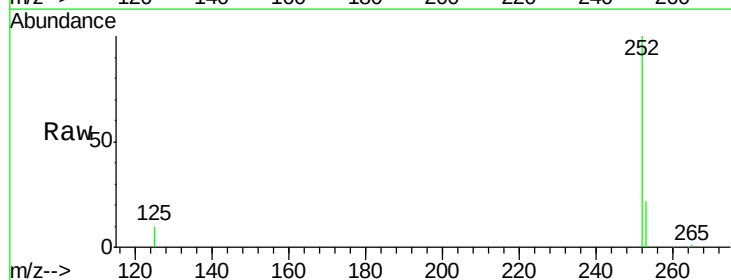
Concen: 4.16 ng m

RT: 22.76 min Scan# 3169

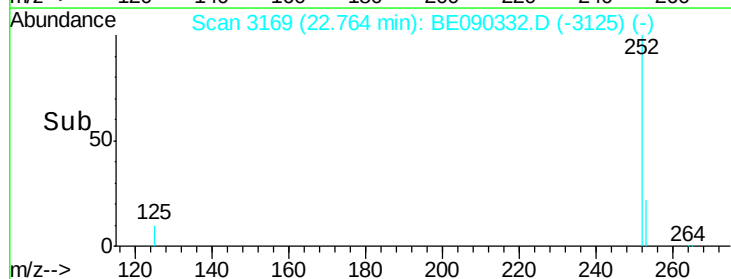
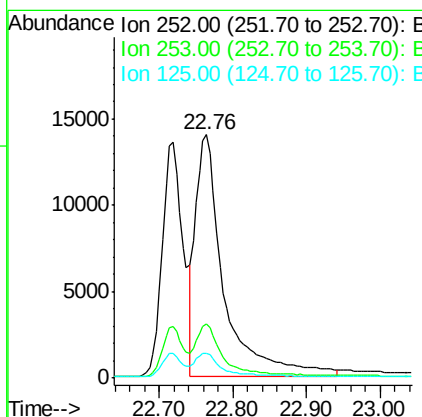
Delta R.T. -0.00 min

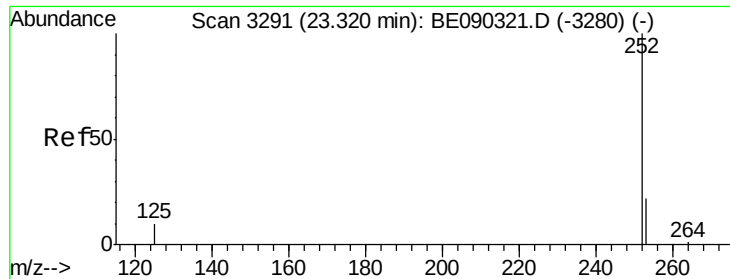
Lab File: BE090332.D

Acq: 4 Aug 2015 5:02



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.9	29.9
125	10.1	11.2	16.8#





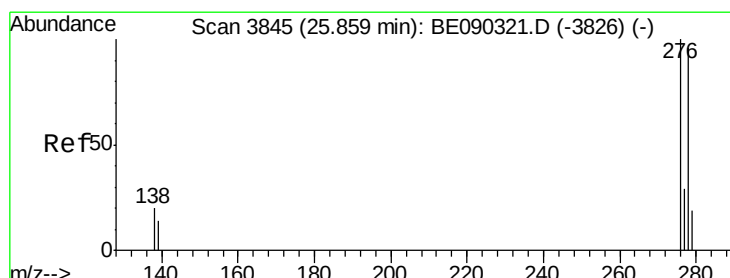
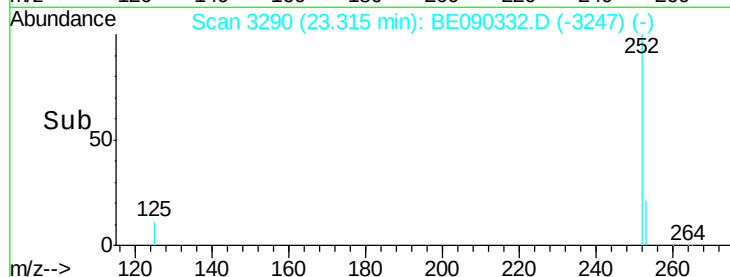
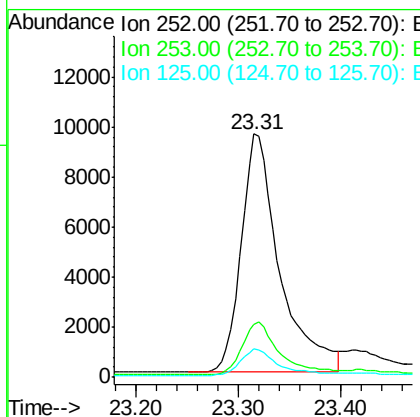
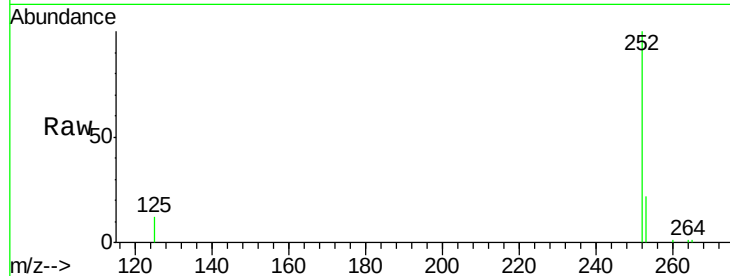
#35
Benzo(a)pyrene
Concen: 4.23 ng
RT: 23.31 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Instrument :
BNA_E
ClientSampleId :
PB84826BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	23.0	34.4#
125	11.6	14.2	21.2#

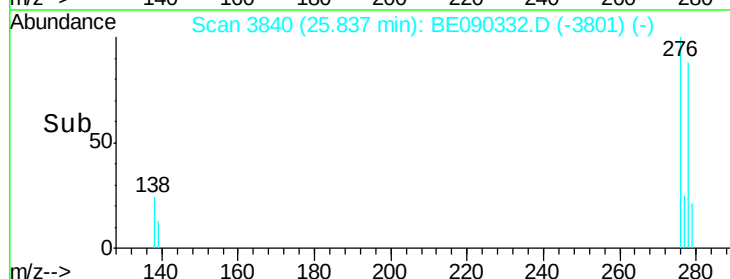
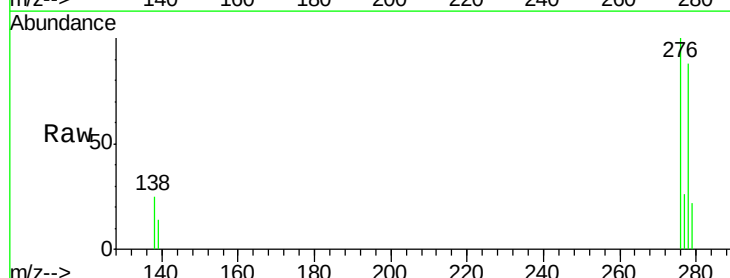
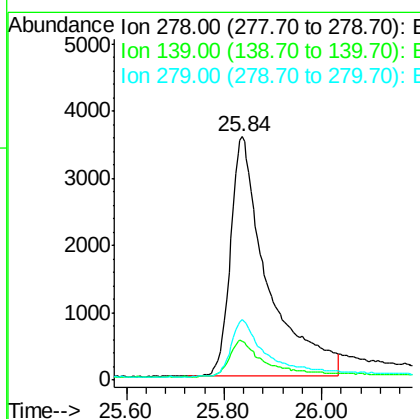
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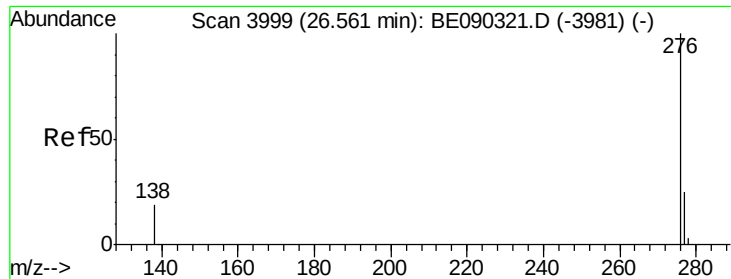
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#36
Dibenzo(a,h)anthracene
Concen: 4.76 ng
RT: 25.84 min Scan# 3840
Delta R.T. -0.02 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

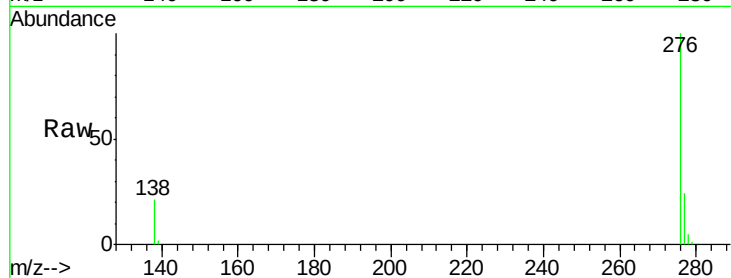
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	27.8	41.6#
279	24.9	30.9	46.3#





#37
 Benzo(g,h,i)perylene
 Concen: 4.34 ng
 RT: 26.55 min Scan# 3996
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	25.6	38.4#
138	21.2	22.0	33.0#

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