

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090526.D
 Acq On : 14 Aug 2015 18:34
 Operator : UM/IZ
 Sample : G3253-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 S32-9018

Manual Integrations
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Quant Time: Aug 17 15:54:11 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21637	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	104752	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	55527	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	122204	5.00	ng	0.00
25) Chrysene-d12	21.09	240	125159	5.00	ng	0.00
32) Perylene-d12	23.39	264	116226	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	49334	7.89	ng	0.00
5) Phenol-d6	6.77	99	81458	8.86	ng	0.00
7) Nitrobenzene-d5	8.72	82	44798	5.37	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19968	9.34	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	87400	5.27	ng	0.00
27) Terphenyl-d14	19.55	244	121540	5.31	ng	0.00
Target Compounds						
22) Phenanthrene	16.98	178	6511	0.20	ng	Qvalue 97
24) Fluoranthene	18.98	202	9351	0.27	ng	# 89
26) Pyrene	19.34	202	8304	0.23	ng	# 95
28) Benzo(a)anthracene	21.08	228	4114	0.12	ng	# 94
29) Chrysene	21.13	228	3961	0.12	ng	# 89
30) Bis(2-ethylhexyl)phthalate	21.02	149	5539	0.41	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	2307	0.07	ng	# 93
33) Benzo(b)fluoranthene	22.70	252	4273	0.16	ng	# 69
34) Benzo(k)fluoranthene	22.74	252	2020m	0.06	ng	
35) Benzo(a)pyrene	23.29	252	2814	0.11	ng	# 66
37) Benzo(g,h,i)perylene	26.51	276	2542	0.09	ng	# 78

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

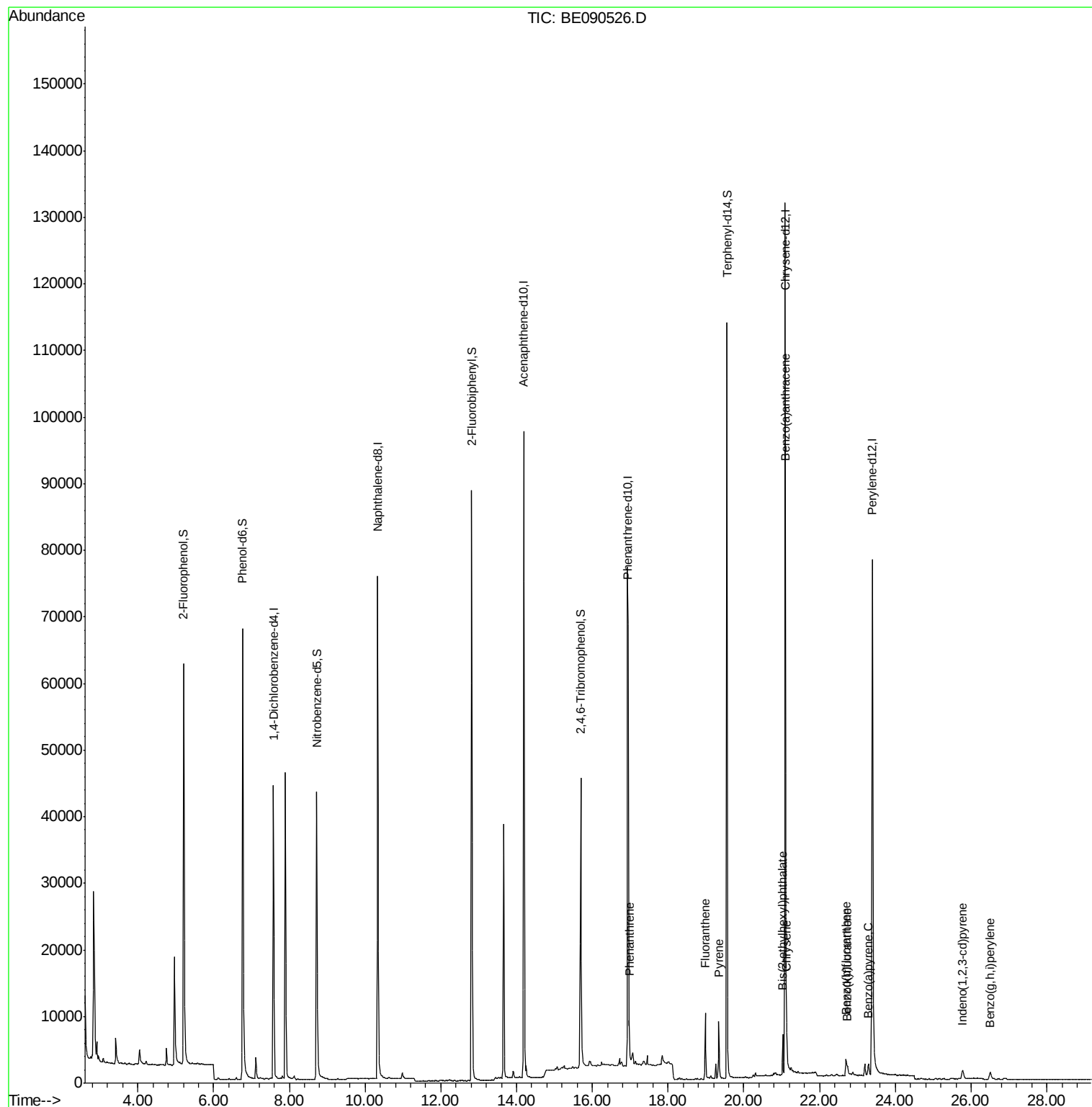
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090526.D
Acq On : 14 Aug 2015 18:34
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

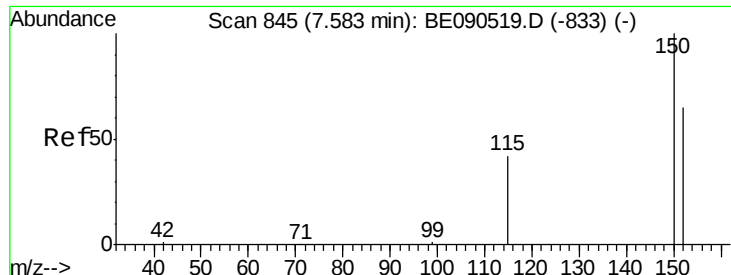
Instrument :
BNA_E
ClientSampleId :
S32-9018

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Quant Time: Aug 17 15:54:11 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

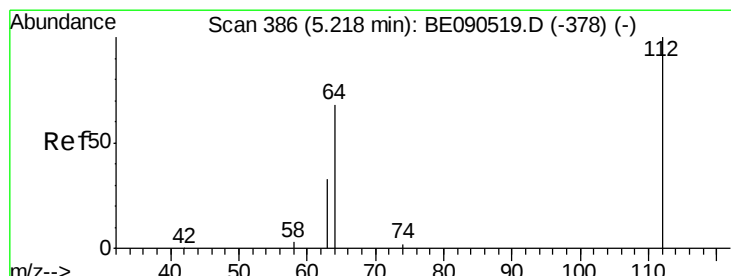
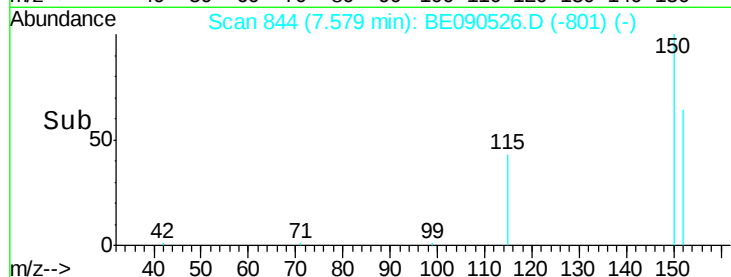
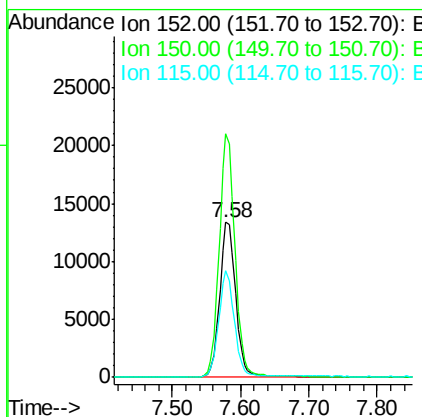
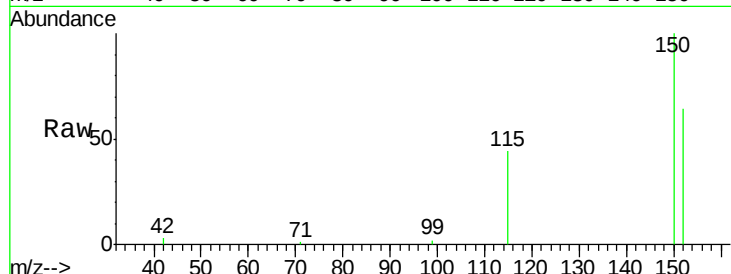
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Instrument :
BNA_E
ClientSampleId :
S32-9018

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	68.6	48.9	73.3

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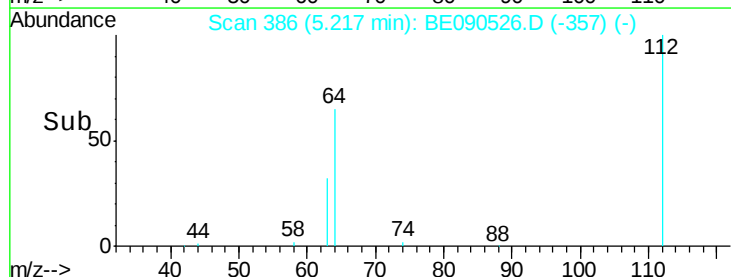
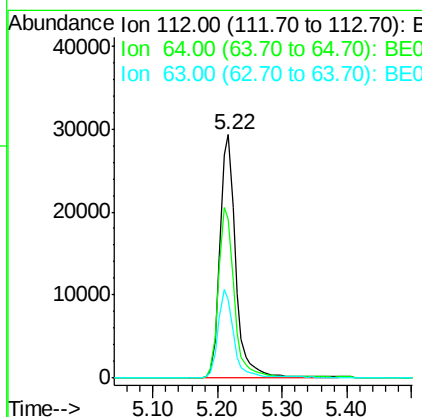
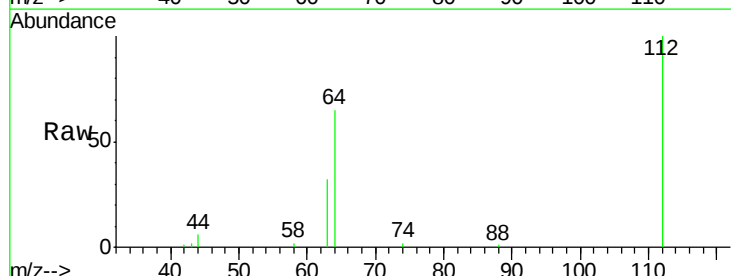
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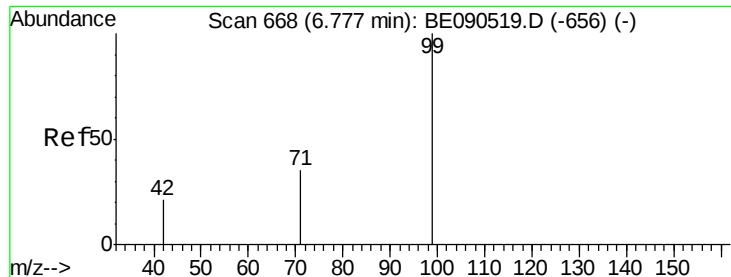


#4

2-Fluorophenol
Concen: 7.89 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	37.1	55.7#
63	35.9	19.5	29.3#





#5

Phenol-d6

Concen: 8.86 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

Instrument :

BNA_E

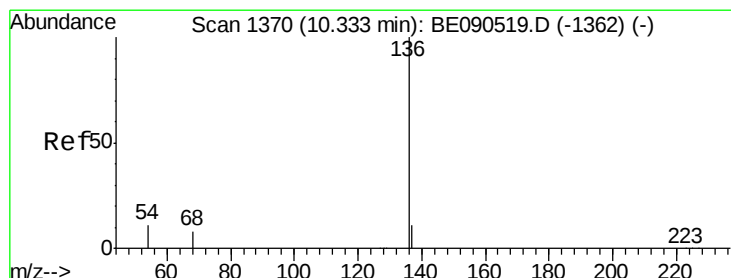
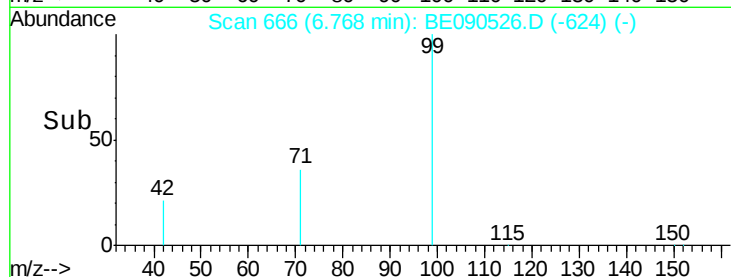
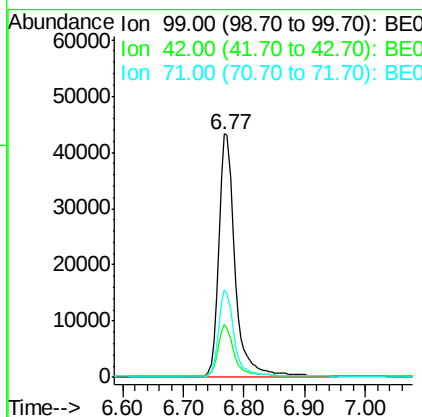
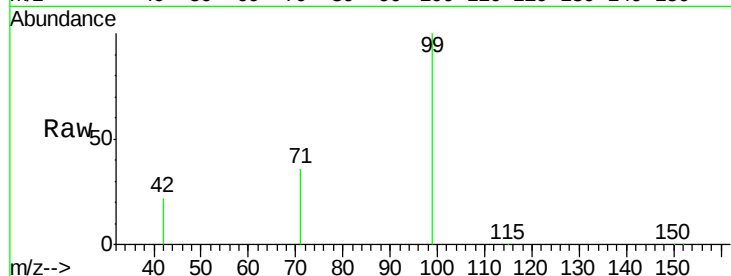
ClientSampled :

S32-9018

Tot Ion:	99	Resp:	81458
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.4
71	35.1	27.4	41.0

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#6

Naphthalene-d8

Concen: 5.00 ng

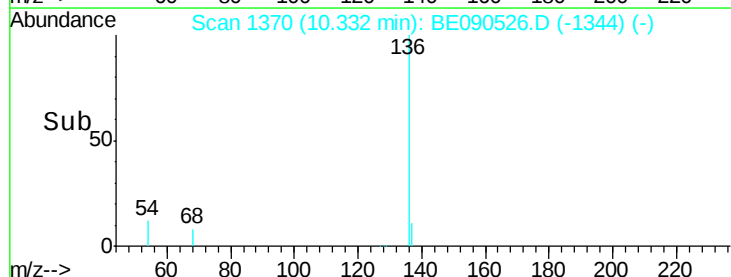
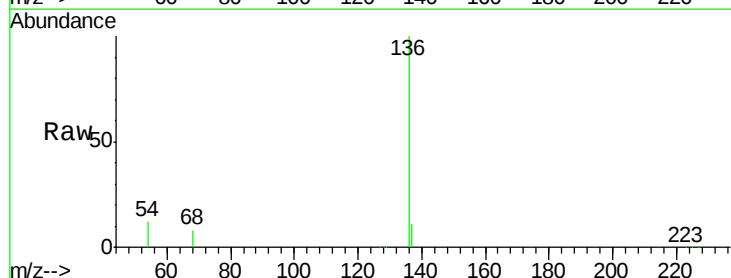
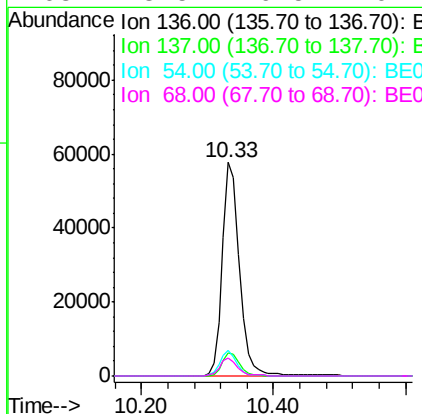
RT: 10.33 min Scan# 1370

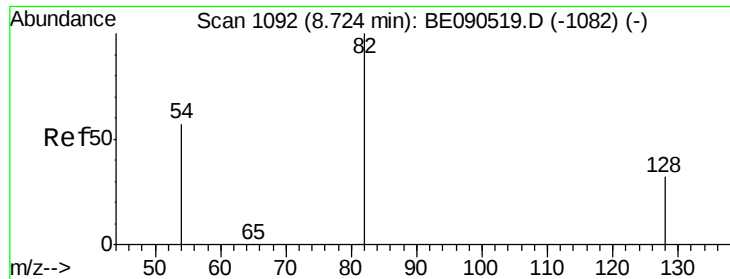
Delta R.T. -0.00 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

Tgt Ion:	136	Resp:	104752
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	11.7	9.4	14.0
68	8.5	6.5	9.7





#7

Nitrobenzene-d5

Concen: 5.37 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

Instrument :

BNA_E

ClientSampleId :

S32-9018

Tot Ion: 82 Resp: 44798

Ion Ratio Lower Upper

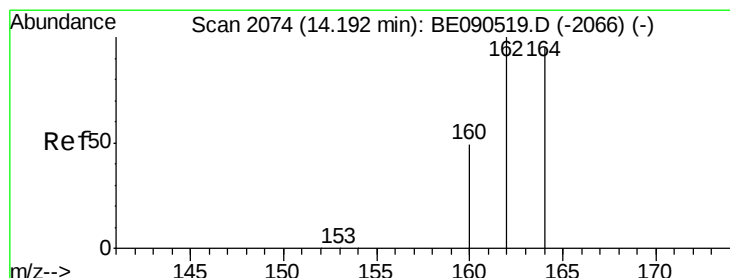
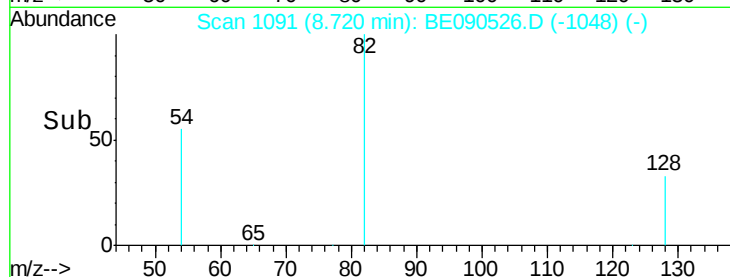
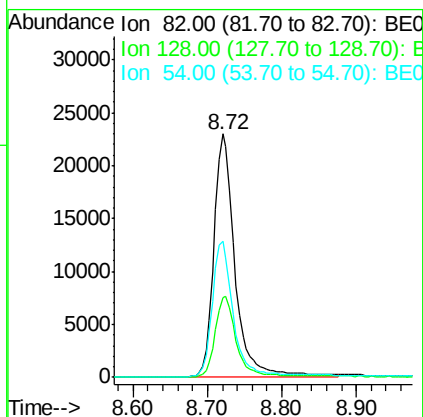
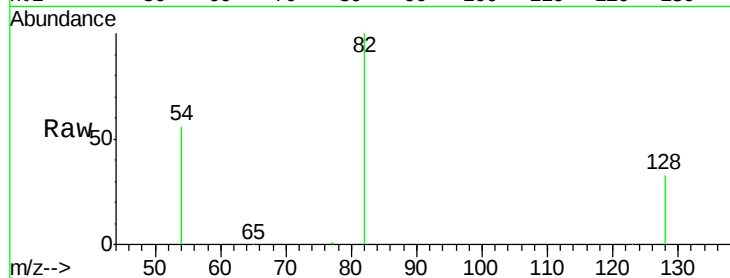
82 100

128 32.8 25.0 37.6

54 55.6 48.8 73.2

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

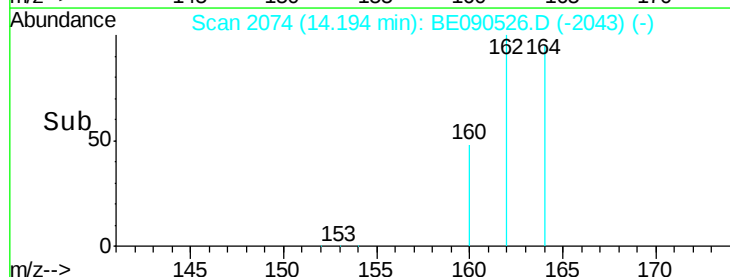
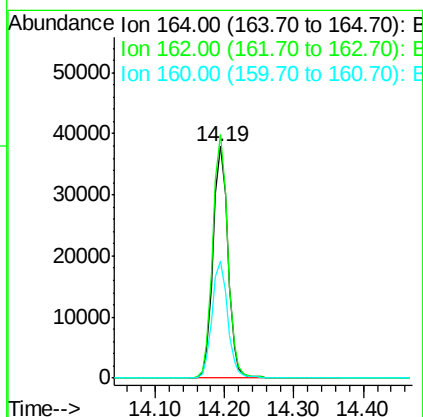
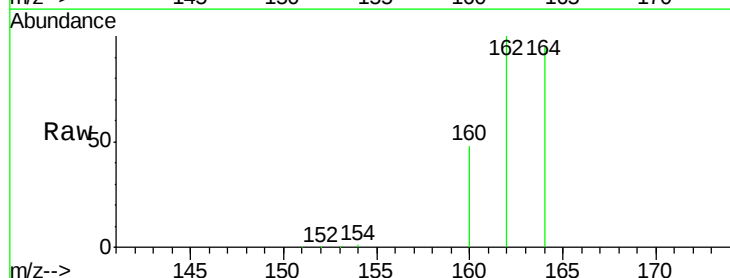
Tgt Ion: 164 Resp: 55527

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.8

160 50.7 44.2 66.4





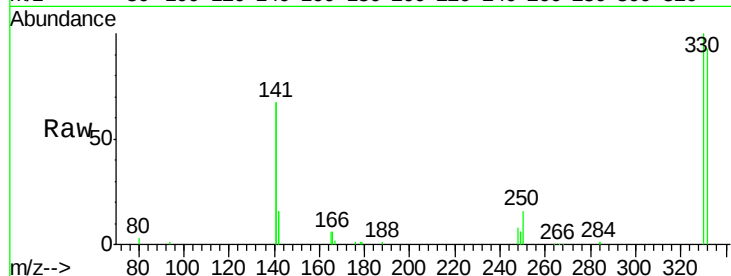
#13
 2,4,6-Tribromophenol
 Concen: 9.34 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Instrument :
 BNA_E
 ClientSampleId :
 S32-9018

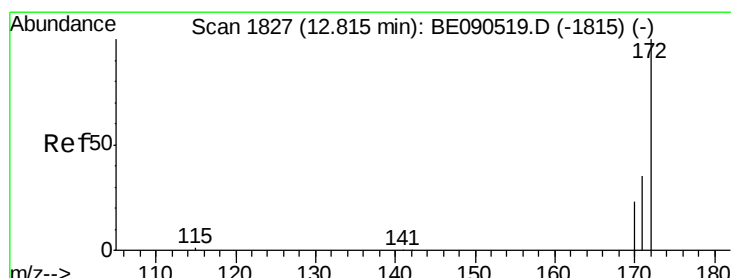
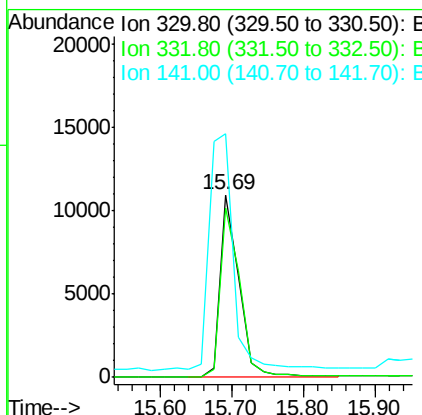
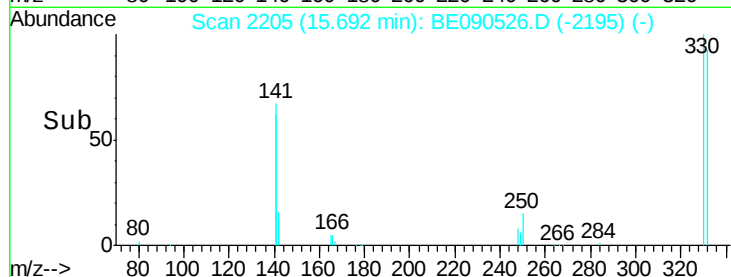
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	171.1	114.4	171.6

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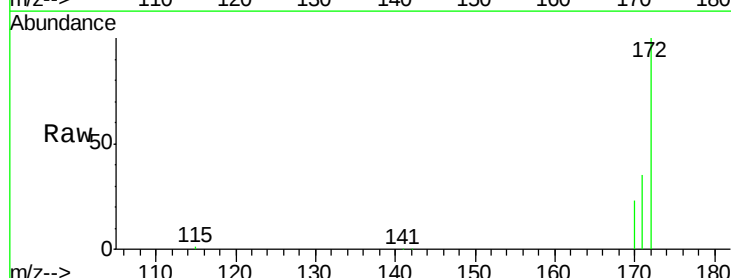


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

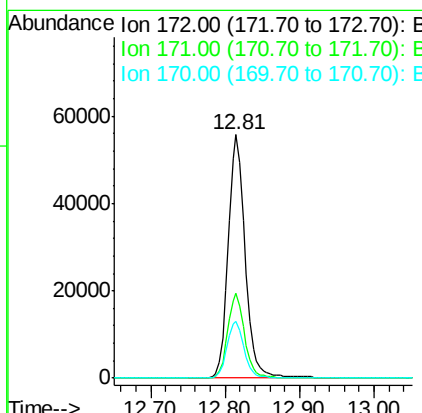
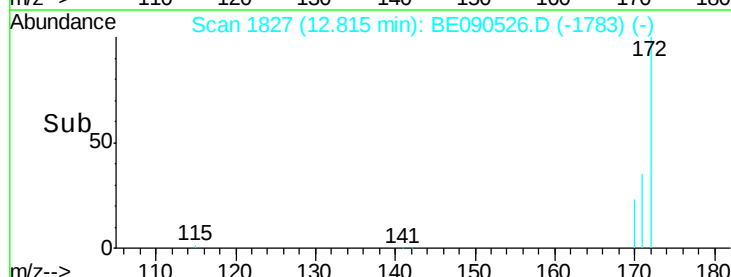


#14
 2-Fluorobiphenyl
 Concen: 5.27 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





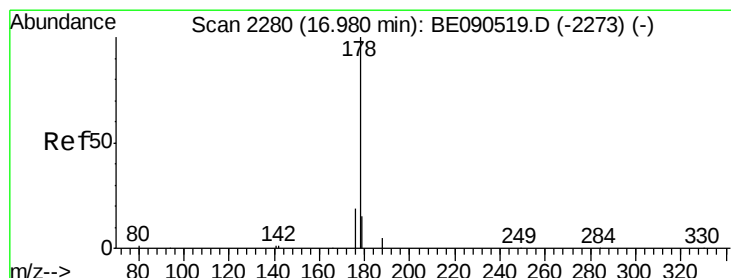
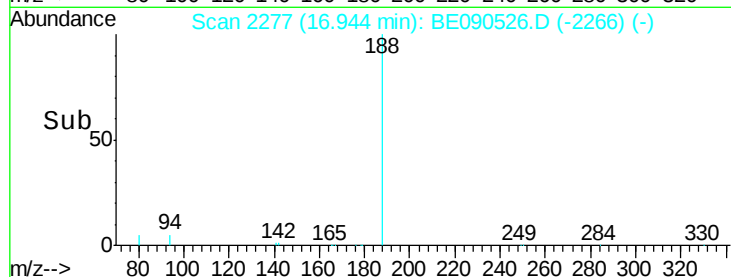
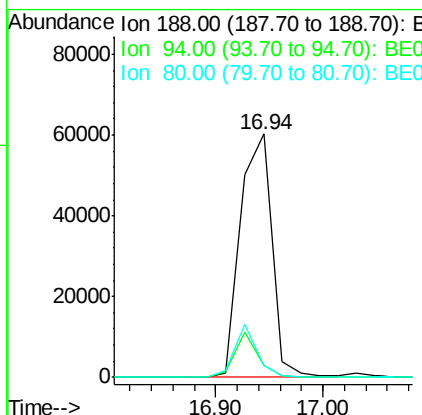
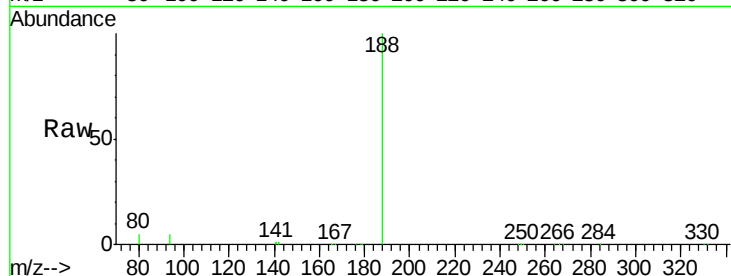
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Instrument :
BNA_E
ClientSampleId :
S32-9018

Tot Ion:	188	Resp:	122204
Ion Ratio	Lower	Upper	
188	100		
94	4.8	5.7	8.5#
80	4.7	5.8	8.8#

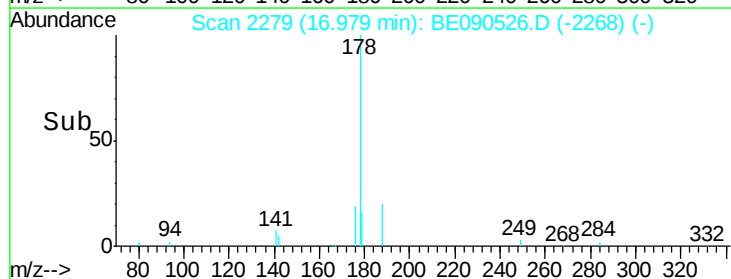
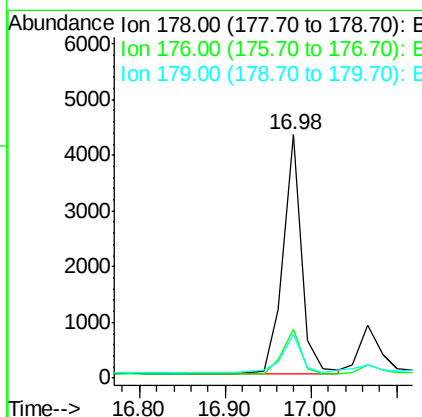
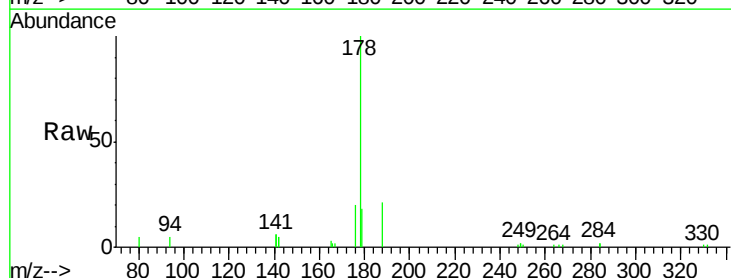
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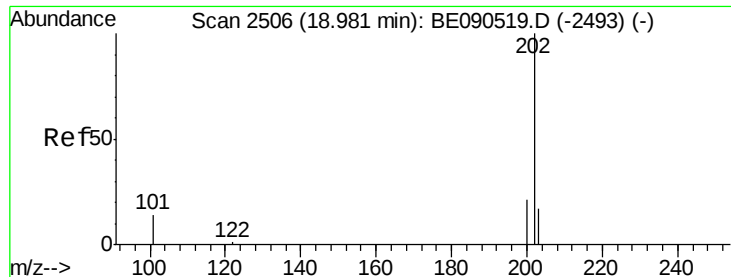
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#22
Phenanthrene
Concen: 0.20 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Tgt Ion:	178	Resp:	6511
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.4	23.2
179	17.2	12.5	18.7





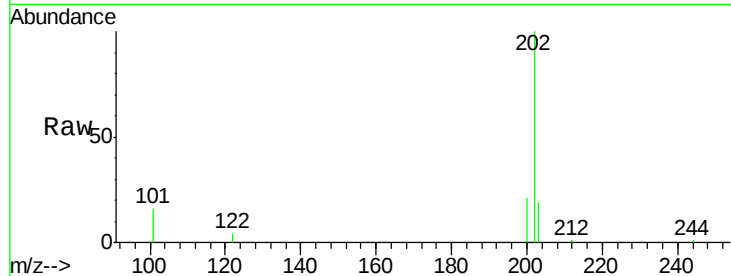
#24
 Fluoranthene
 Concen: 0.27 ng
 RT: 18.98 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Instrument :
 BNA_E
 ClientSampleId :
 S32-9018

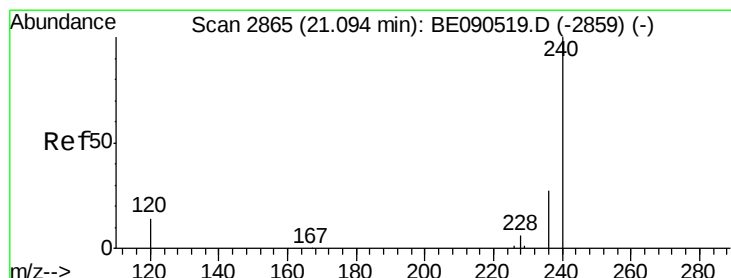
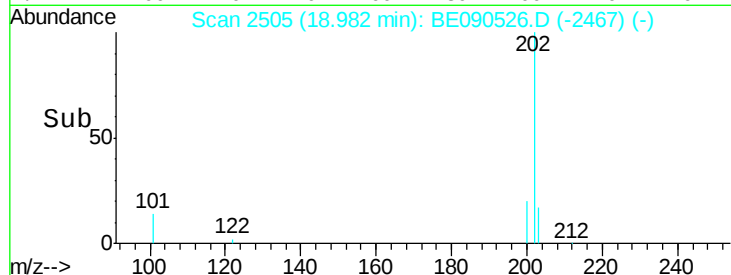
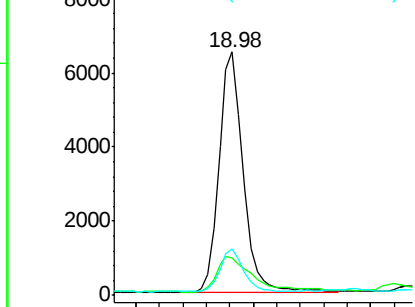
Tot Ion	Ratio	Lower	Upper
202	100		
101	23.2	10.3	15.5#
203	17.2	13.7	20.5

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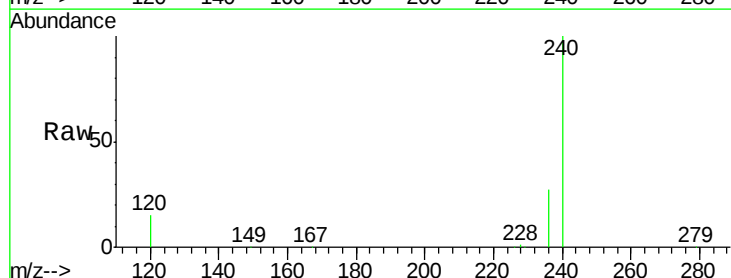


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

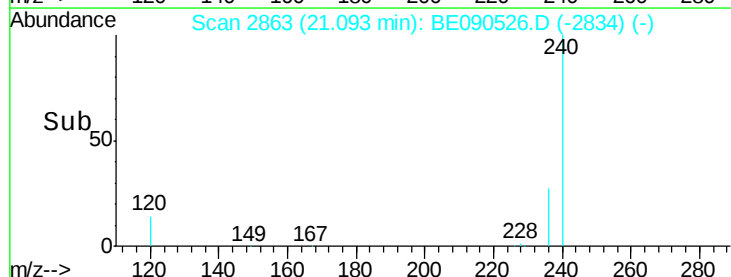
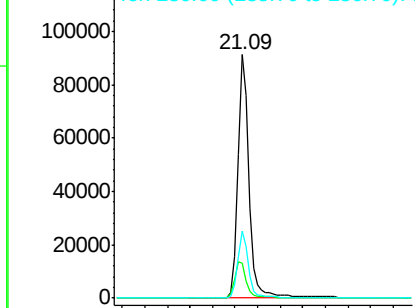


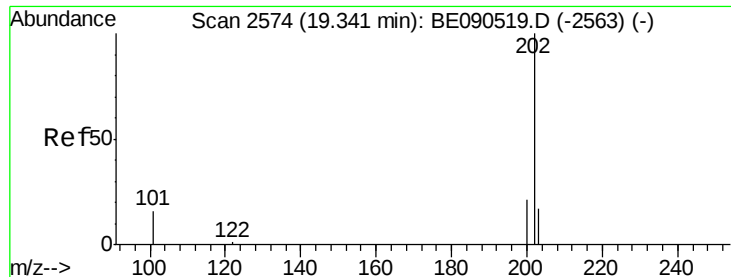
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.3	12.5#
236	27.5	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





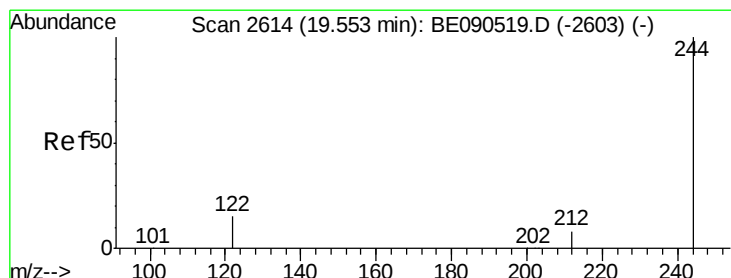
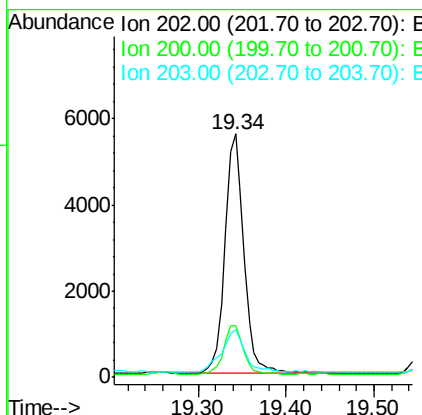
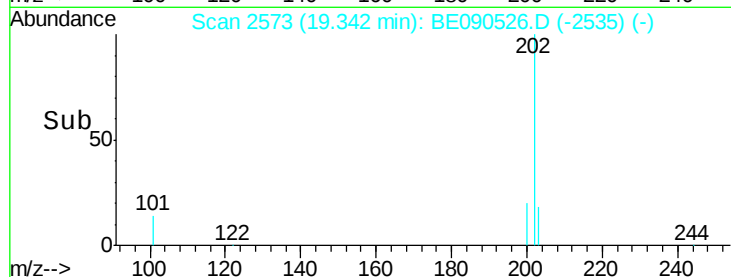
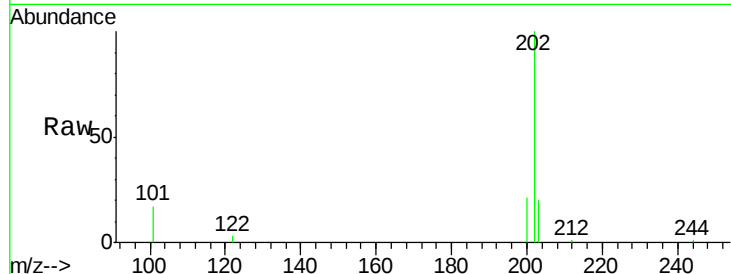
#26
Pvrene
Concen: 0.23 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Instrument :
BNA_E
ClientSampleId :
S32-9018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	22.0	13.8	20.8

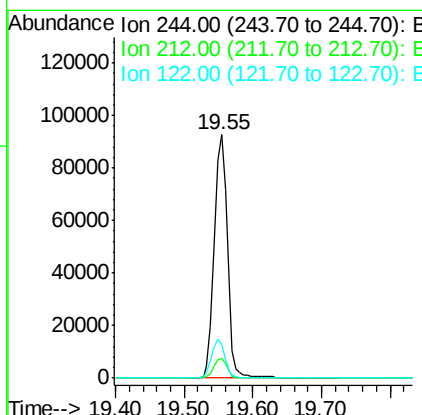
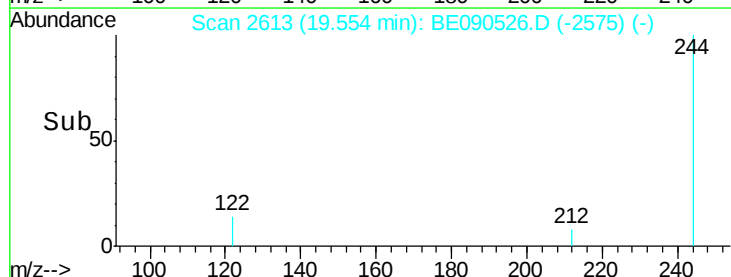
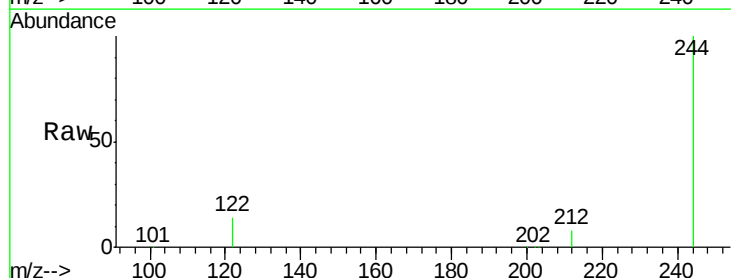
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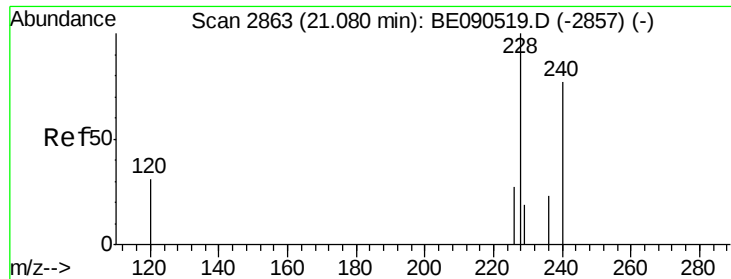
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#27
Terphenyl-d14
Concen: 5.31 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	14.1	10.2	15.4





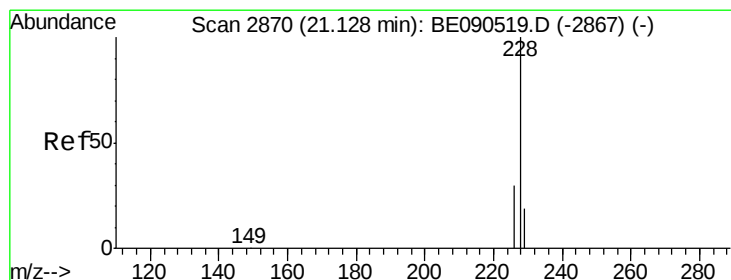
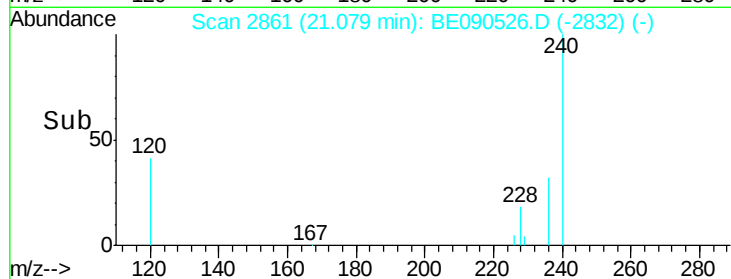
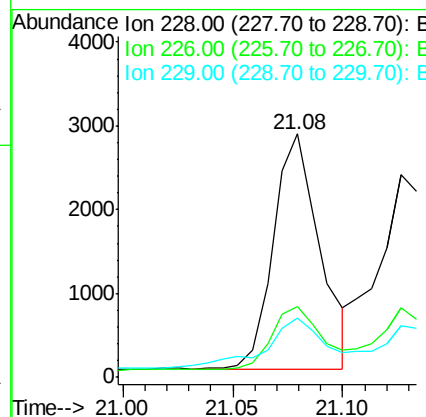
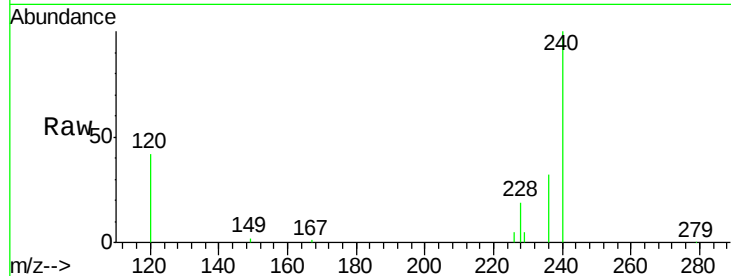
#28
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Instrument :
BNA_E
ClientSampleId :
S32-9018

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.9	32.9
229	24.3	15.4	23.0

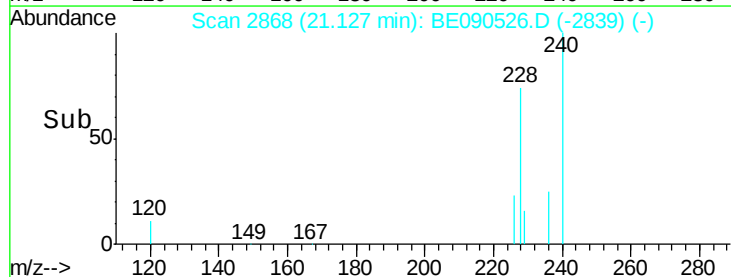
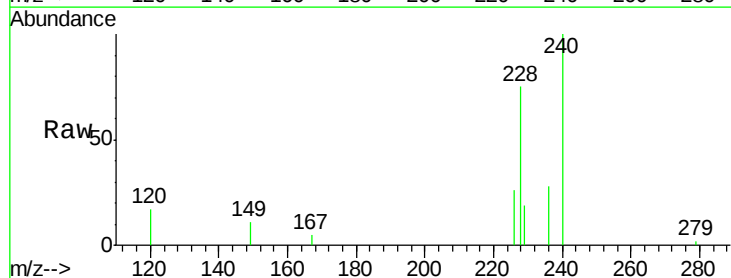
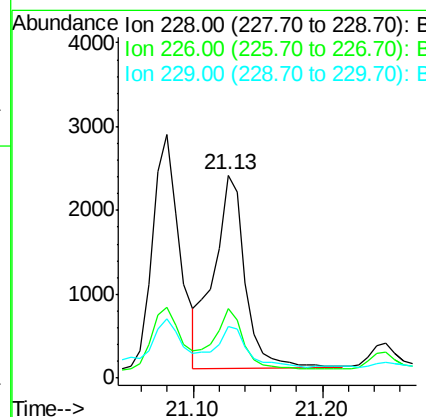
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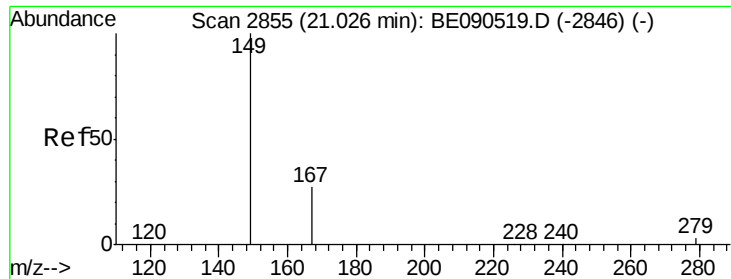
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#29
Chrysene
Concen: 0.12 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.1	34.7
229	25.5	15.8	23.8





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.02 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

Instrument :

BNA_E

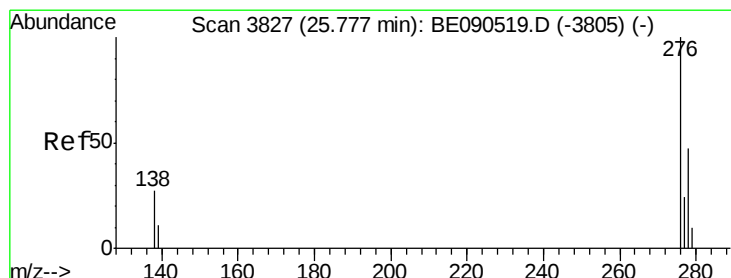
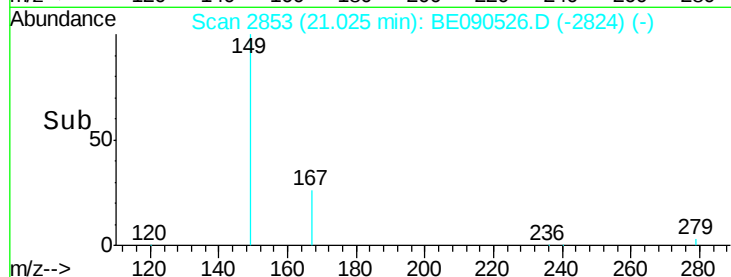
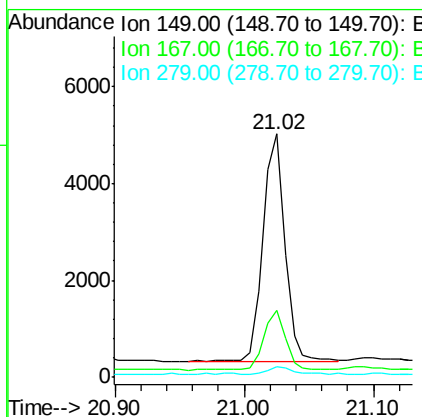
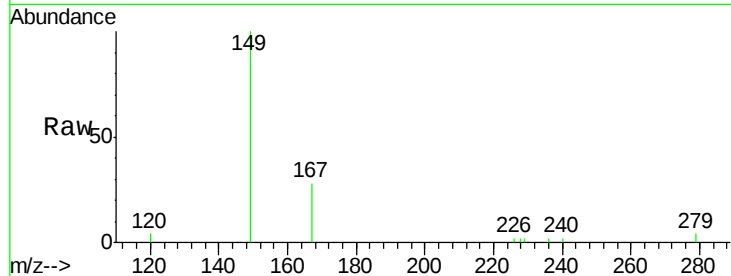
ClientSampleId :

S32-9018

Tot Ion:	149	Resp:	5539
Ion Ratio	Lower	Upper	
149	100		
167	25.1	19.8	29.8
279	3.1	2.4	3.6

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#31

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng

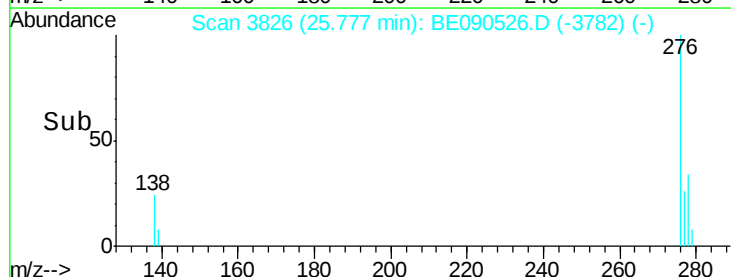
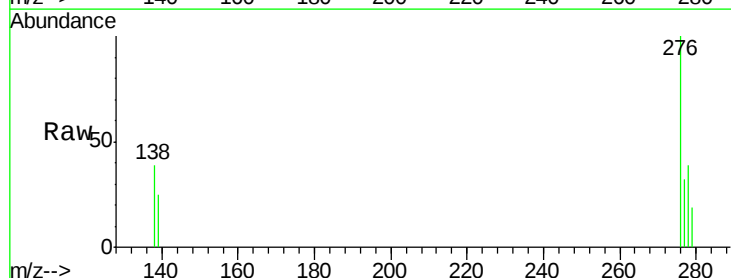
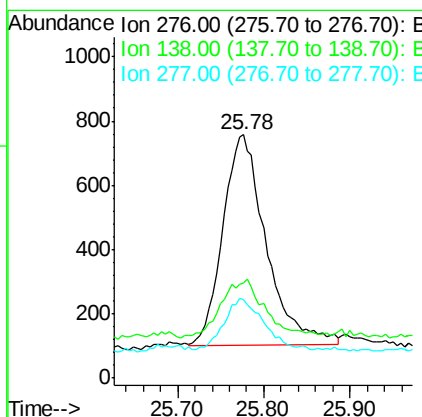
RT: 25.78 min Scan# 3826

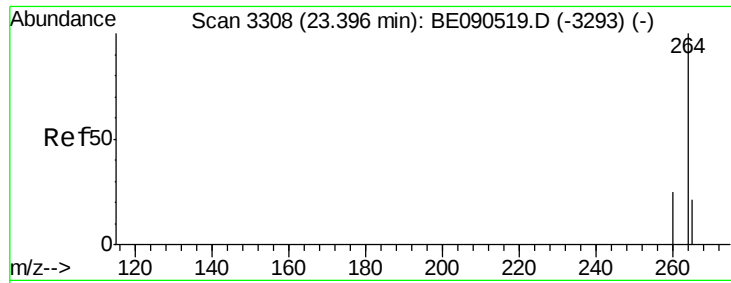
Delta R.T. 0.00 min

Lab File: BE090526.D

Acq: 14 Aug 2015 18:34

Tgt Ion:	276	Resp:	2307
Ion Ratio	Lower	Upper	
276	100		
138	29.0	18.8	28.2#
277	22.0	18.2	27.4





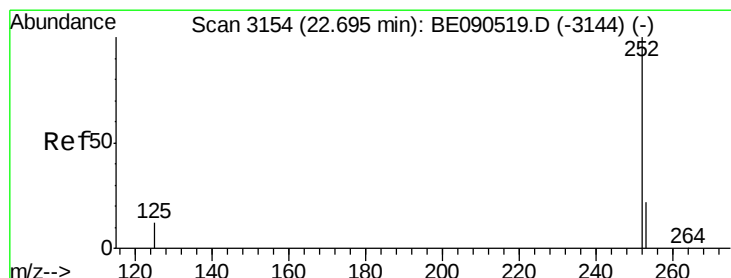
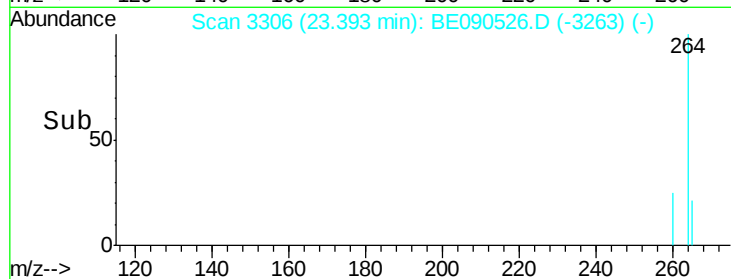
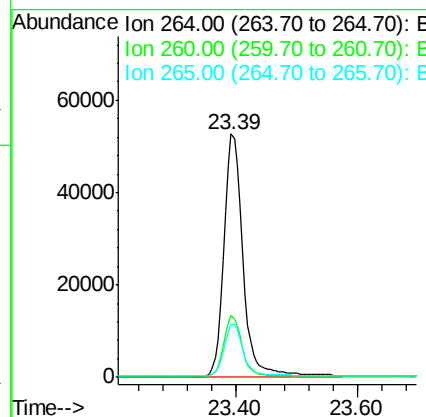
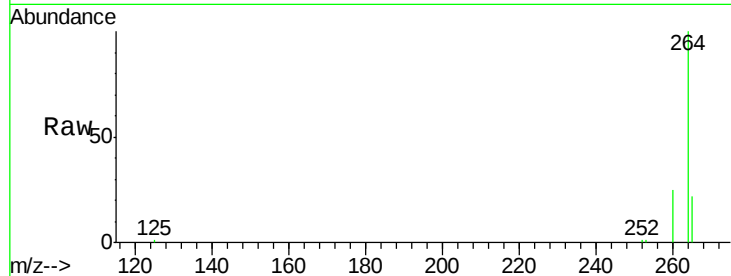
#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Instrument :
 BNA_E
 ClientSampleId :
 S32-9018

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.7	17.2	25.8

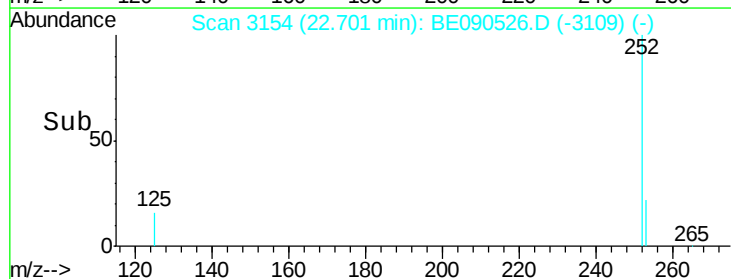
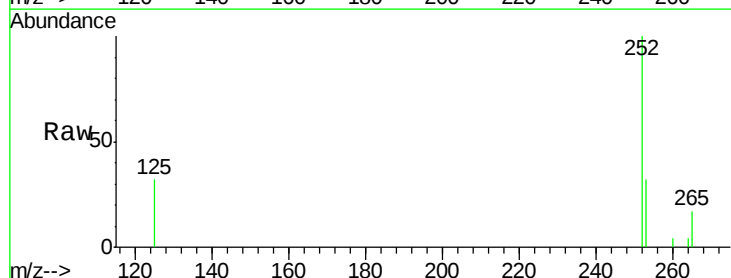
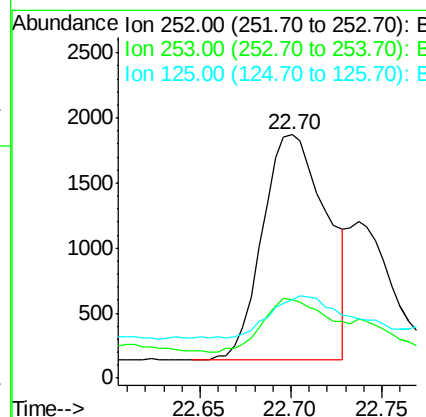
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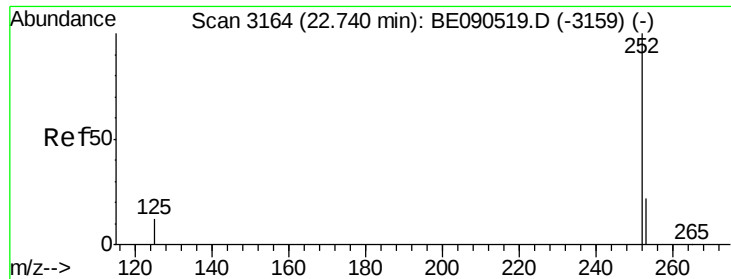
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#33
 Benzo(b)fluoranthene
 Concen: 0.16 ng
 RT: 22.70 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.1	27.1#
125	32.1	9.4	14.2#





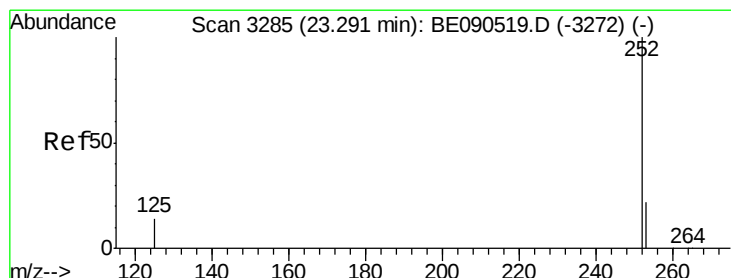
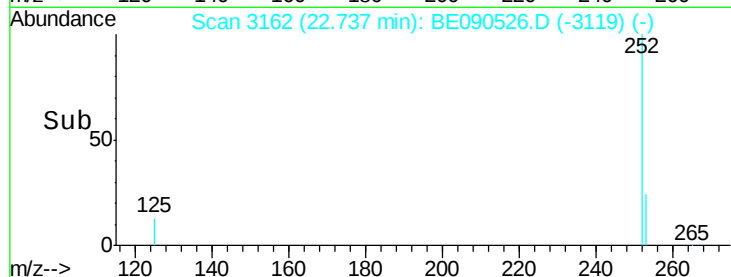
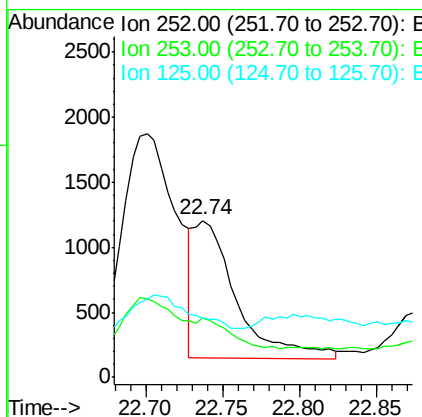
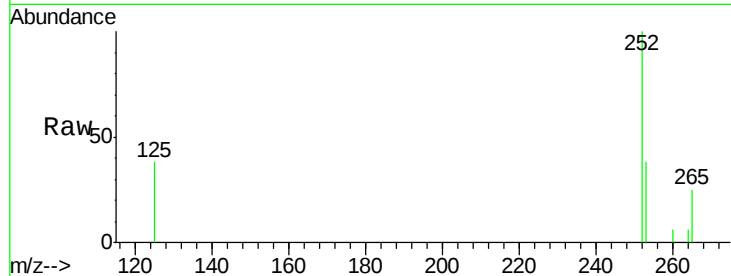
#34
Benzo(k)fluoranthene
Concen: 0.06 ng m
RT: 22.74 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Instrument :
BNA_E
ClientSampled :
S32-9018

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.1	27.1#
125	38.2	9.1	13.7#

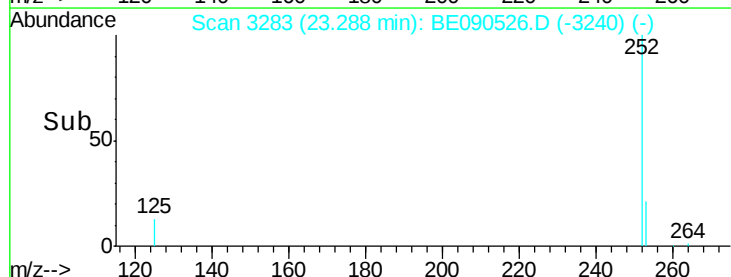
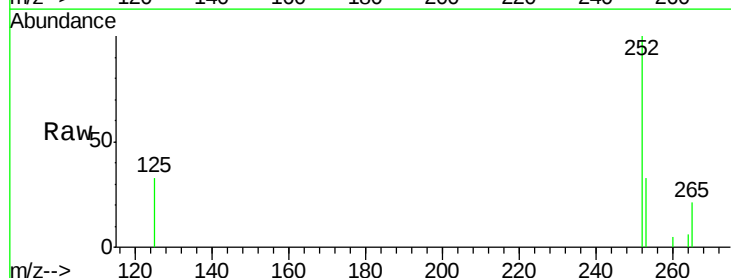
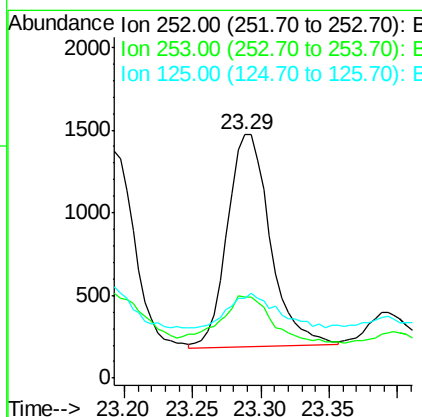
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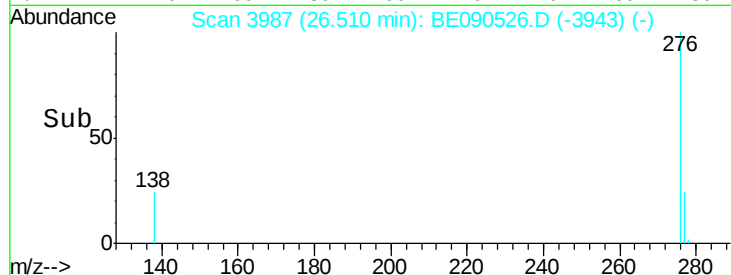
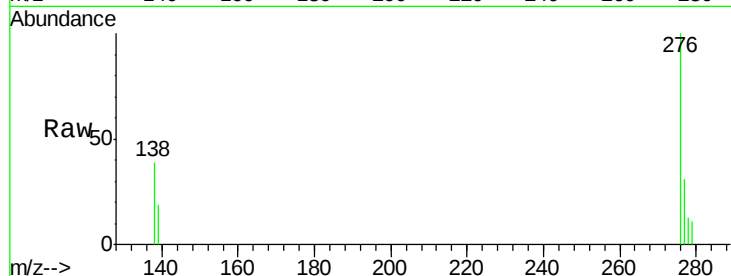
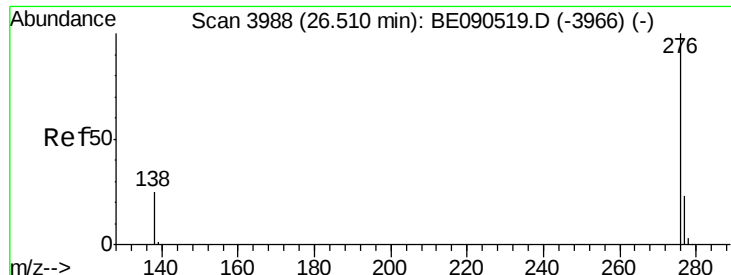
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#35
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.29 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BE090526.D
Acq: 14 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.6	26.4#
125	32.9	9.8	14.6#





#37
 Benzo(a,h,i)perylene
 Concen: 0.09 ng
 RT: 26.51 min Scan# 3987
 Delta R.T. 0.00 min
 Lab File: BE090526.D
 Acq: 14 Aug 2015 18:34

Instrument :
 BNA_E
 ClientSampleId :
 S32-9018

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.0	20.1	30.1#
138	38.9	18.1	27.1#

Manual Integrations
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