

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070115\
 Data File : BE090045.D
 Acq On : 1 Jul 2015 17:46
 Operator : TP/IZ
 Sample : G2811-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

Manual Integrations
 APPROVED

apatel
 7/2/2015 3:35:55 PM

Quant Time: Jul 02 15:20:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	12754	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	54544	5.00	ng	-0.02
12) Acenaphthene-d10	14.23	164	30408	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	69730	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	85842	5.00	ng	-0.01
32) Perylene-d12	23.44	264	79998	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	18197	6.21	ng	0.00
5) Phenol-d6	6.80	99	26911	6.56	ng	0.00
7) Nitrobenzene-d5	8.75	82	15992	3.69	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	5242	5.88	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	35381	3.87	ng	0.00
27) Terphenyl-d14	19.58	244	54355	3.80	ng	-0.01
Target Compounds						Qvalue
15) Acenaphthylene	13.94	152	2176	0.04	ng	96
24) Fluoranthene	19.01	202	1315	0.07	ng	98
26) Pyrene	19.37	202	1643	0.08	ng	98
28) Benzo(a)anthracene	21.11	228	1628	0.08	ng	# 76
29) Chrysene	21.15	228	1544	0.07	ng	# 90
30) Bis(2-ethylhexyl)phthalate	21.05	149	1890	0.49	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	1835	0.09	ng	99
33) Benzo(b)fluoranthene	22.73	252	2885	0.16	ng	# 82
34) Benzo(k)fluoranthene	22.77	252	1307m	0.07	ng	
35) Benzo(a)pyrene	23.33	252	1949	0.12	ng	# 75
37) Benzo(g,h,i)perylene	26.57	276	2305	0.14	ng	# 85

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

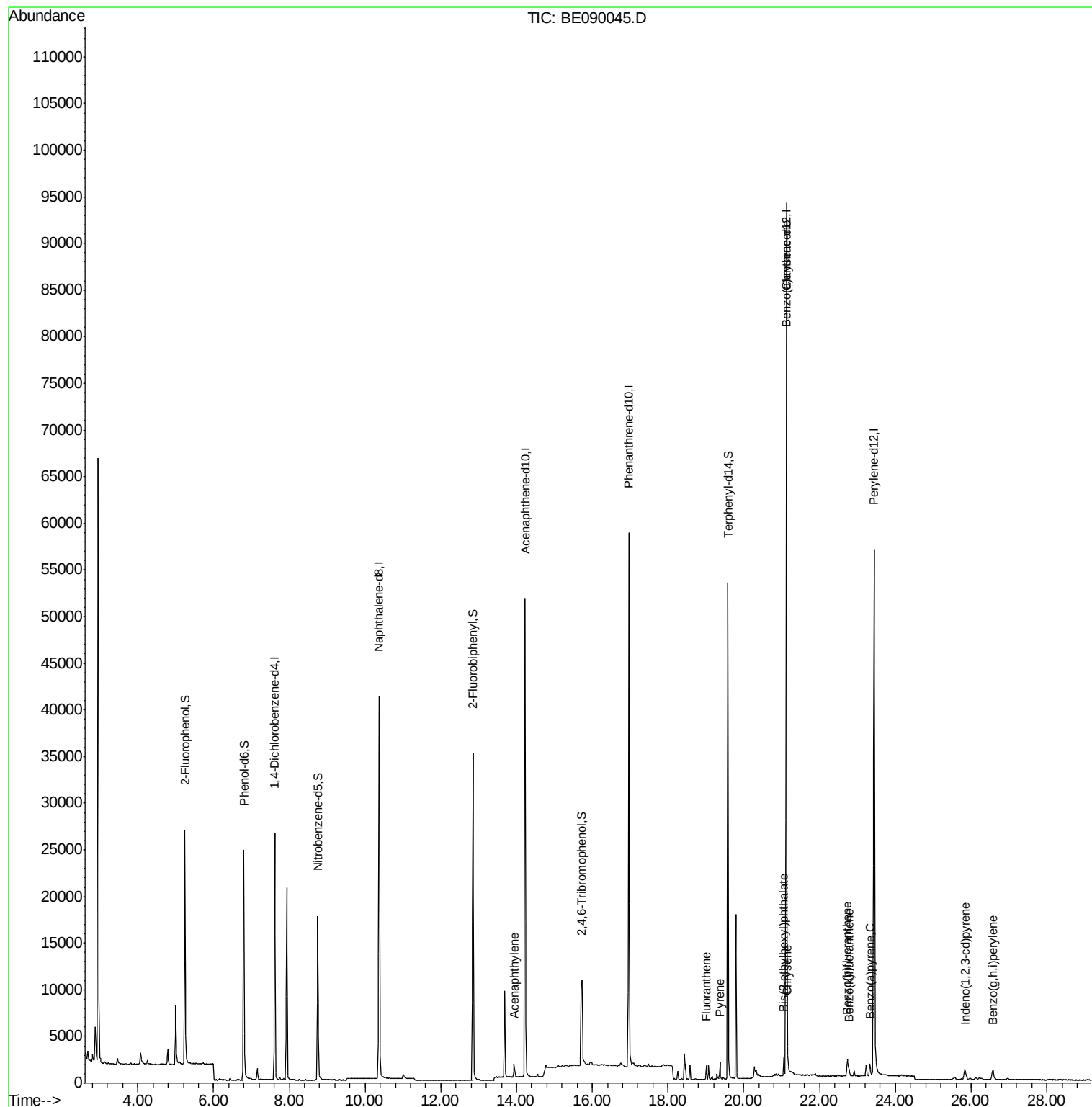
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070115\
Data File : BE090045.D
Acq On : 1 Jul 2015 17:46
Operator : TP/IZ
Sample : G2811-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

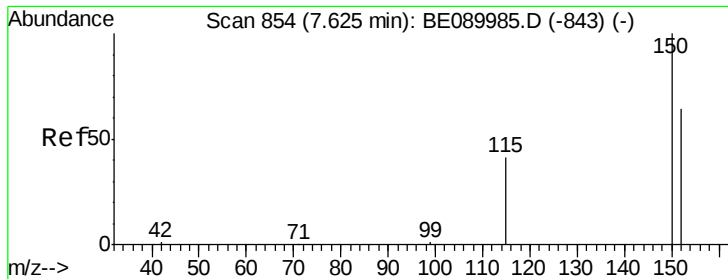
Instrument :
BNA_E
ClientSampleId :
X1SB0510204-150625

Manual Integrations
APPROVED

apatel
7/2/2015 3:35:55 PM

Quant Time: Jul 02 15:20:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

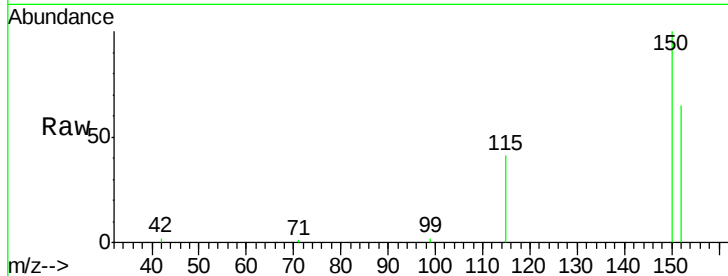




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

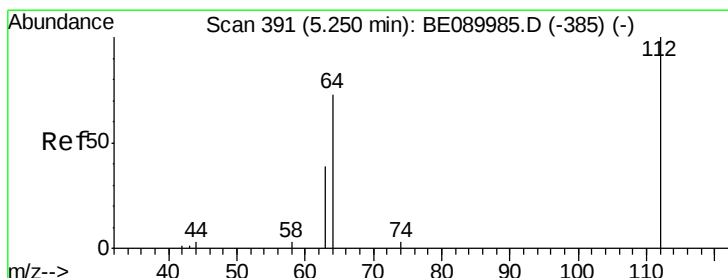
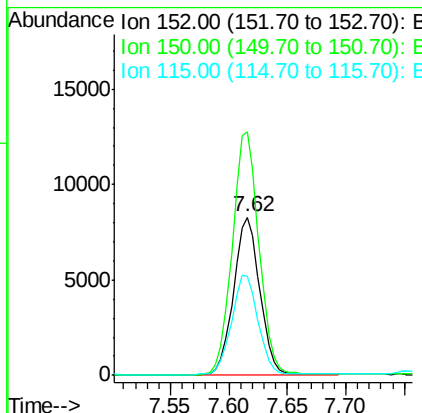
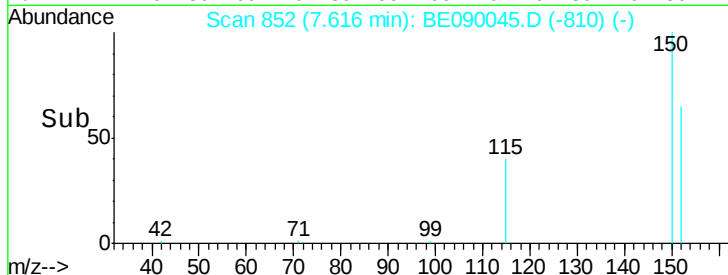
Instrument :
BNA_E
ClientSampleId :
X1SB0510204-150625



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.9	185.9
115	62.5	50.6	76.0

Manual Integrations
APPROVED

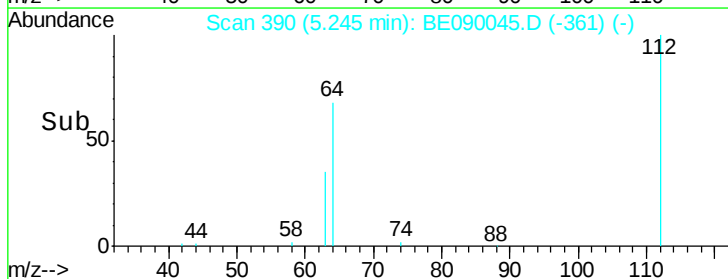
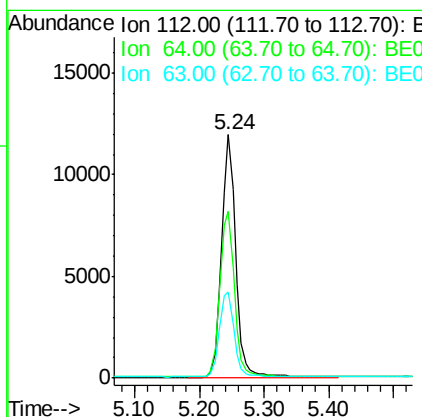
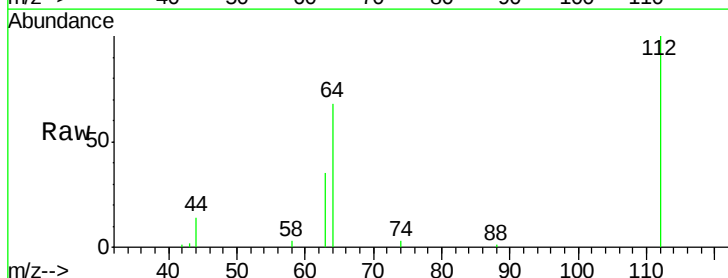
apatel
7/2/2015 3:35:55 PM

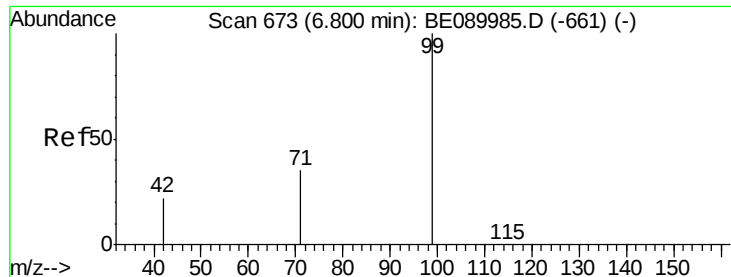


#4

2-Fluorophenol
Concen: 6.21 ng
RT: 5.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	36.9	29.8	44.6





#5

Phenol-d6

Concen: 6.56 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090045.D

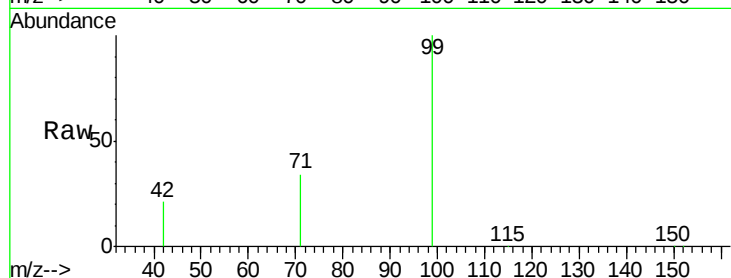
Acq: 1 Jul 2015 17:46

Instrument :

BNA_E

ClientSampleId :

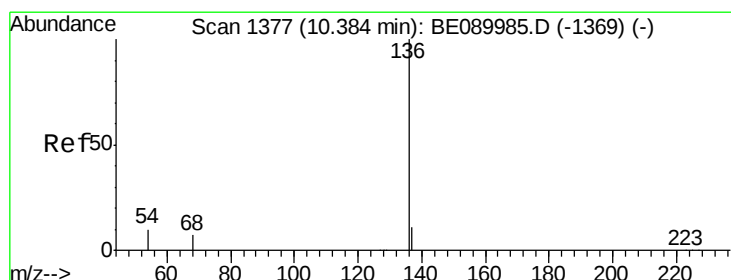
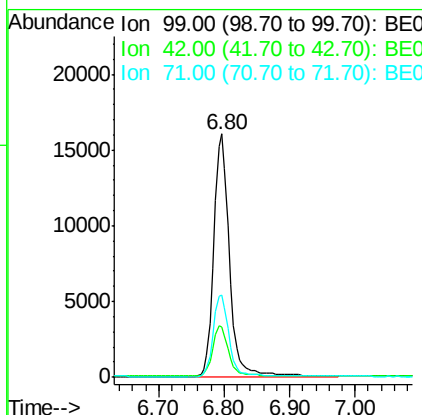
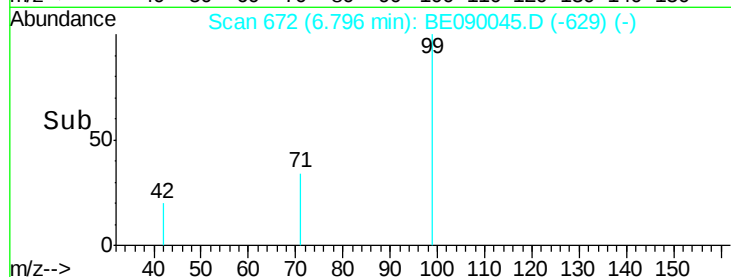
X1SB0510204-150625



Tgt Ion:	99	Resp:	26911
Ion Ratio	Lower	Upper	
99	100		
42	20.5	18.7	28.1
71	34.0	27.5	41.3

Manual Integrations
APPROVED

apatel
7/2/2015 3:35:55 PM



#6

Naphthalene-d8

Concen: 5.00 ng

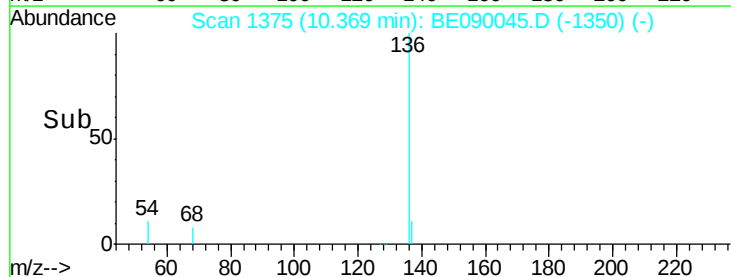
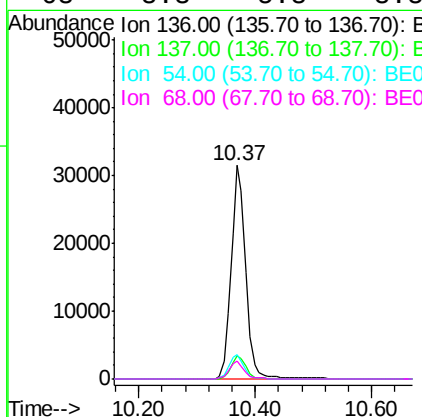
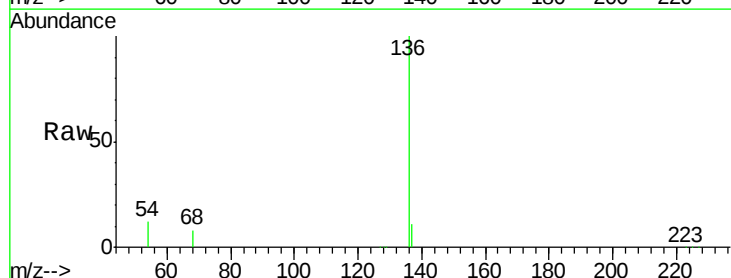
RT: 10.37 min Scan# 1375

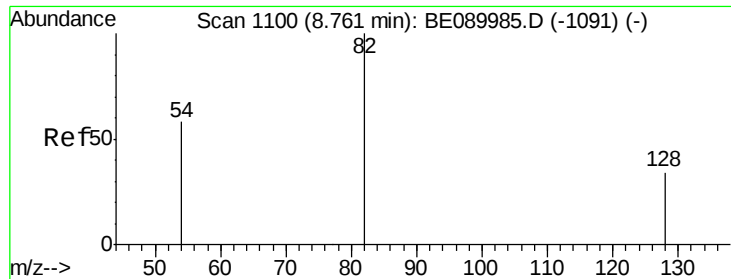
Delta R.T. -0.02 min

Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

Tgt Ion:	136	Resp:	54544
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	11.6	8.2	12.4
68	8.3	5.8	8.8





#7

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

Instrument :

BNA_E

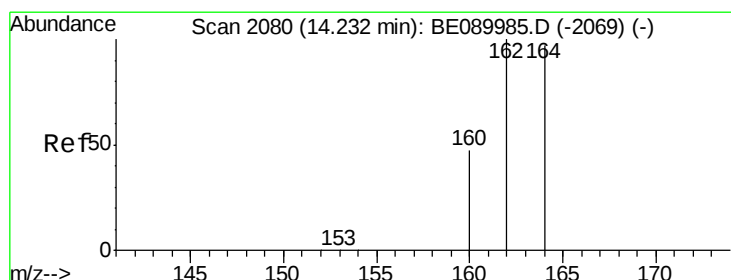
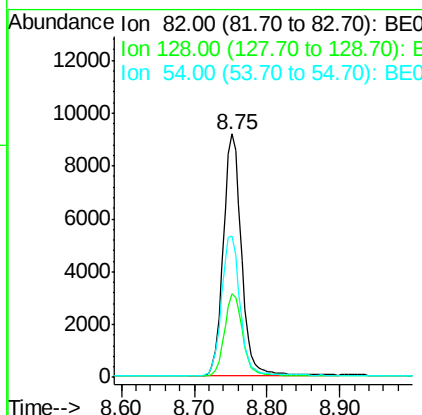
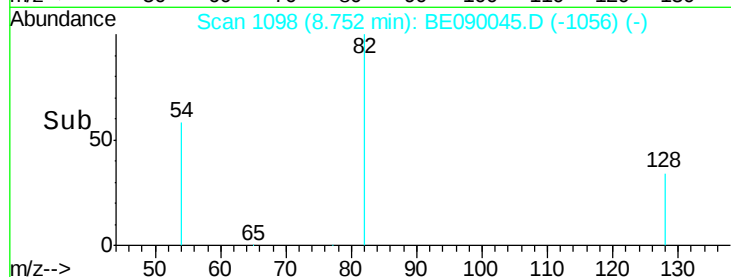
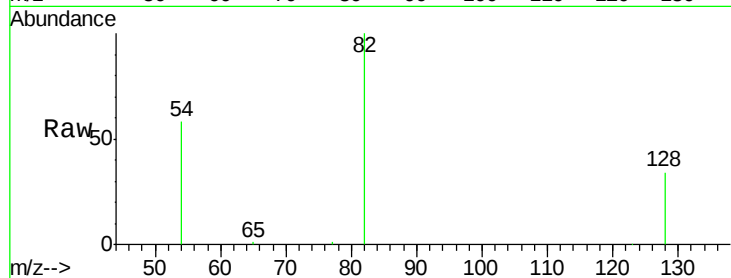
ClientSampleId :

X1SB0510204-150625

Tgt Ion:	82	Resp:	15992
Ion Ratio	Lower	Upper	
82	100		
128	34.1	28.0	42.0
54	58.2	47.6	71.4

Manual Integrations
APPROVED

apatel
7/2/2015 3:35:55 PM



#12

Acenaphthene-d10

Concen: 5.00 ng

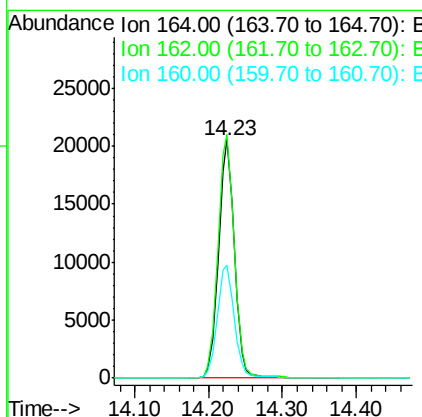
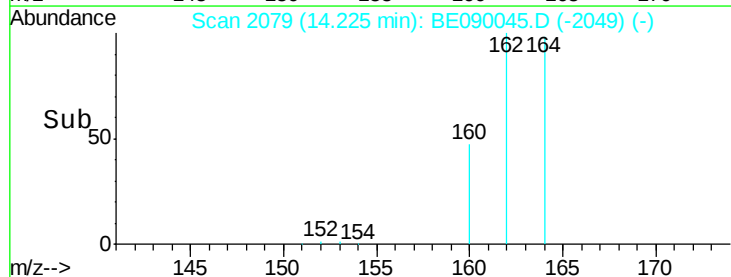
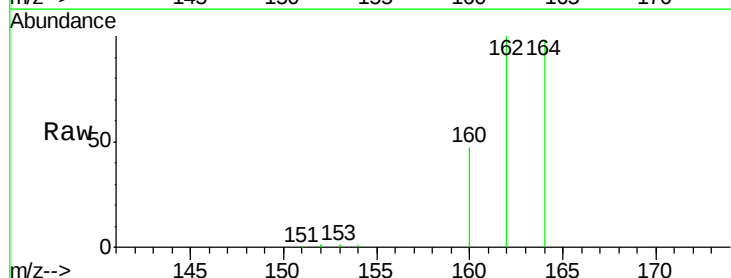
RT: 14.23 min Scan# 2079

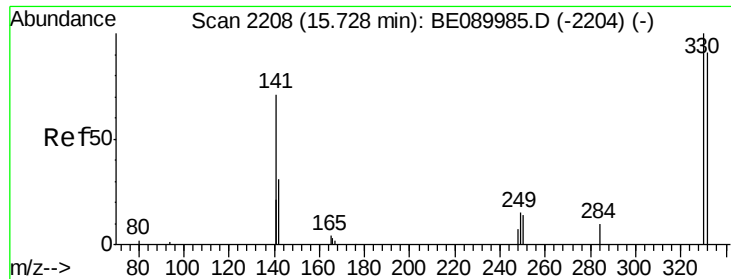
Delta R.T. -0.01 min

Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

Tgt Ion:	164	Resp:	30408
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.2	123.4
160	47.7	39.0	58.6





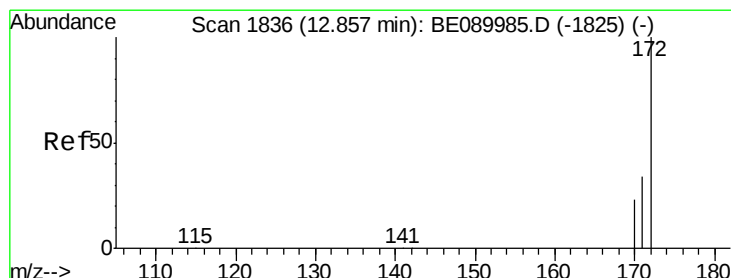
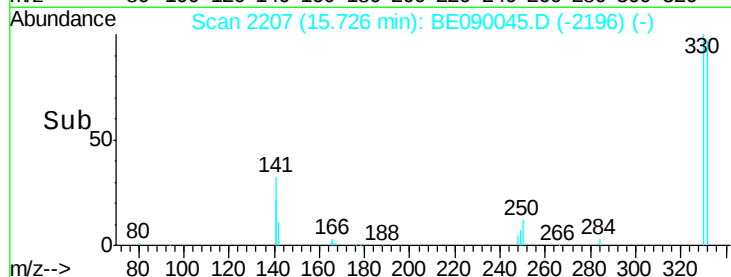
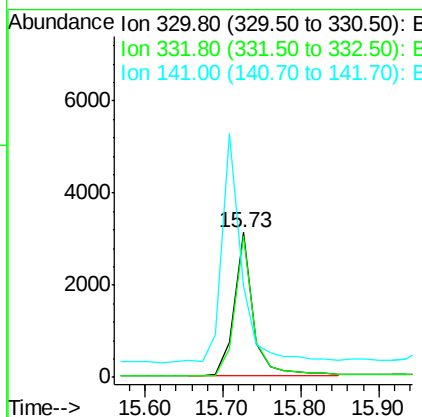
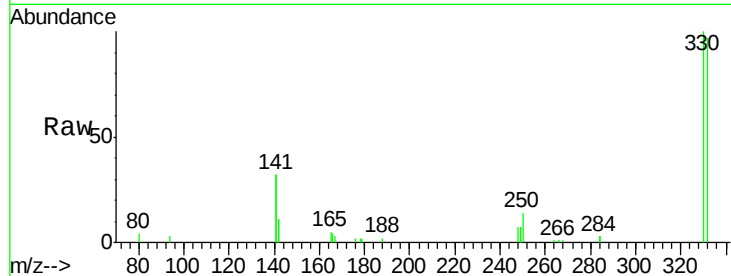
#13
 2,4,6-Tribromophenol
 Concen: 5.88 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	167.0	130.3	195.5

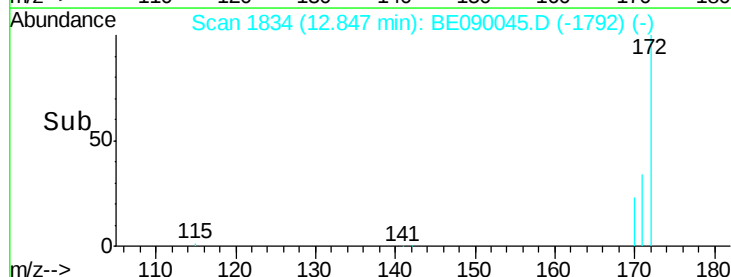
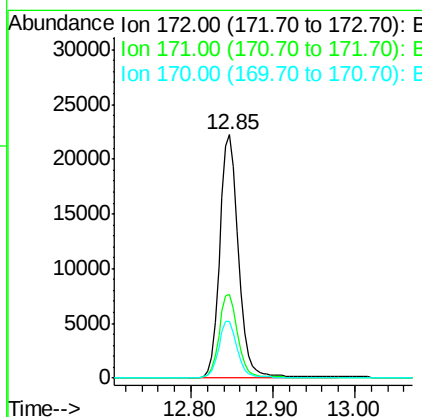
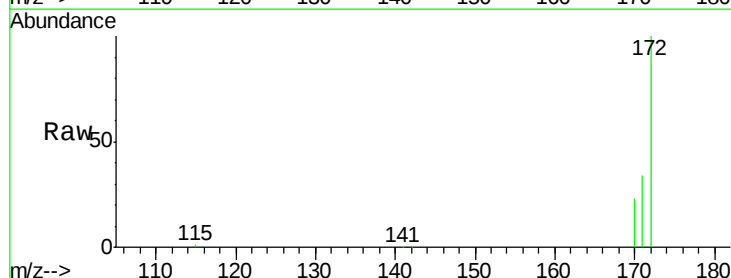
Manual Integrations
 APPROVED

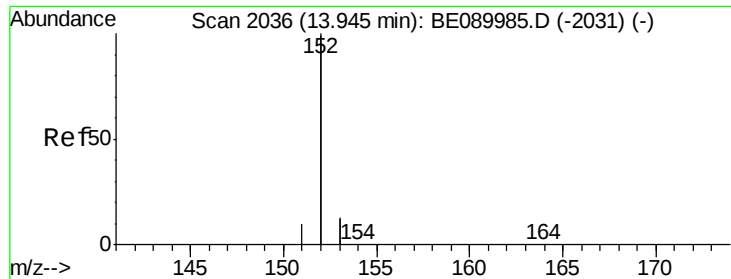
apatel
 7/2/2015 3:35:55 PM



#14
 2-Fluorobiphenyl
 Concen: 3.87 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.4	18.3	27.5





#15

Acenaphthylene

Concen: 0.04 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090045.D

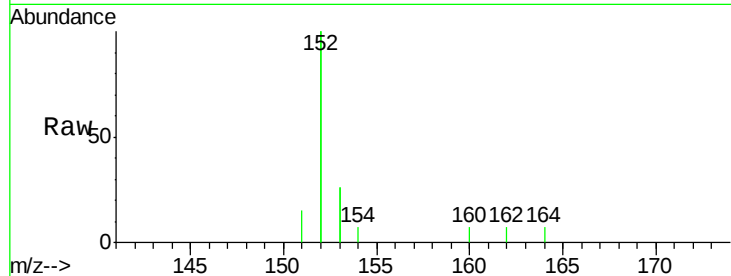
Acq: 1 Jul 2015 17:46

Instrument :

BNA_E

ClientSampleId :

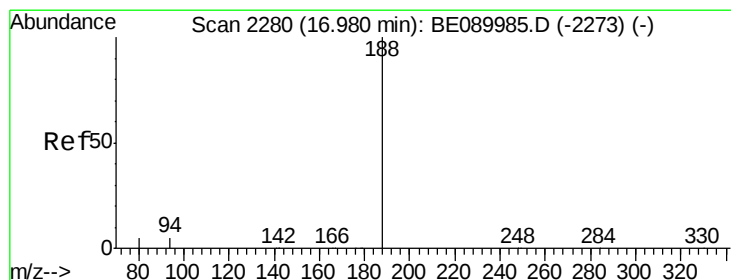
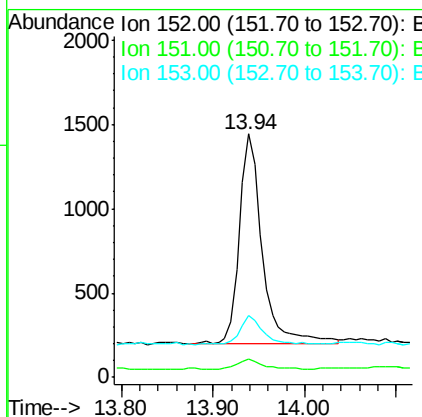
X1SB0510204-150625



Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	14.9	10.4	15.6

Manual Integrations
APPROVED

apatel
7/2/2015 3:35:55 PM



#18

Phenanthrene-d10

Concen: 5.00 ng

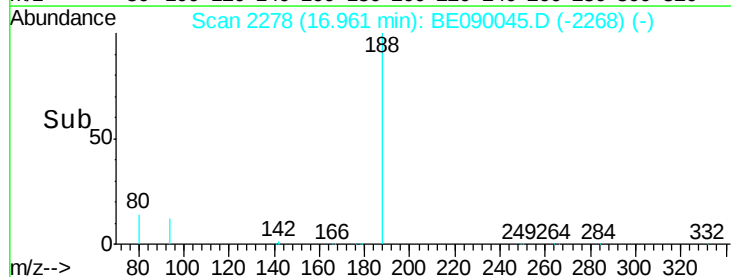
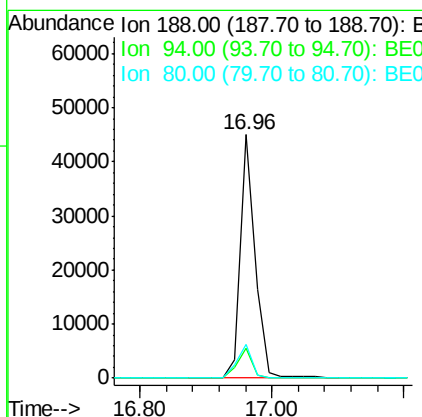
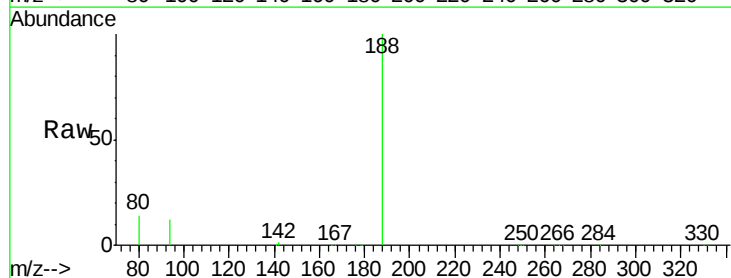
RT: 16.96 min Scan# 2278

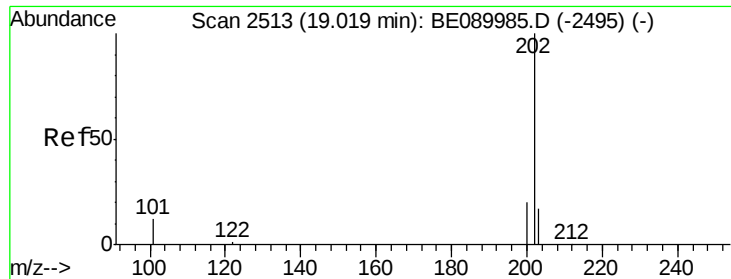
Delta R.T. -0.02 min

Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	4.1	6.1#
80	13.7	4.2	6.2#





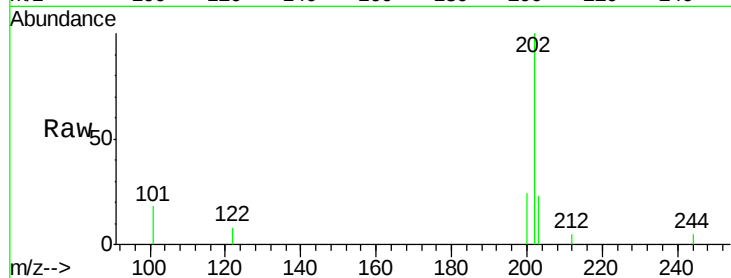
#24
 Fluoranthene
 Concen: 0.07 ng
 RT: 19.01 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

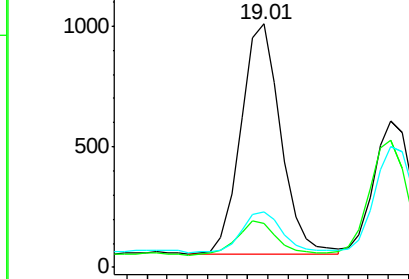
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.6	15.8
203	17.6	13.8	20.6

Manual Integrations
 APPROVED

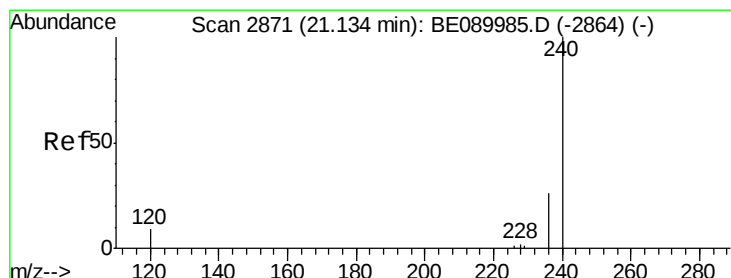
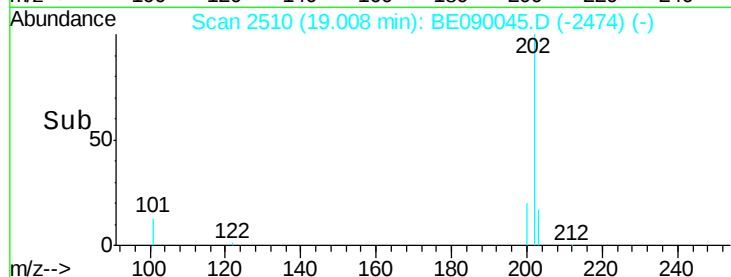
apatel
 7/2/2015 3:35:55 PM



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



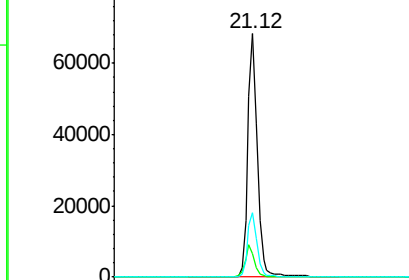
Time-->



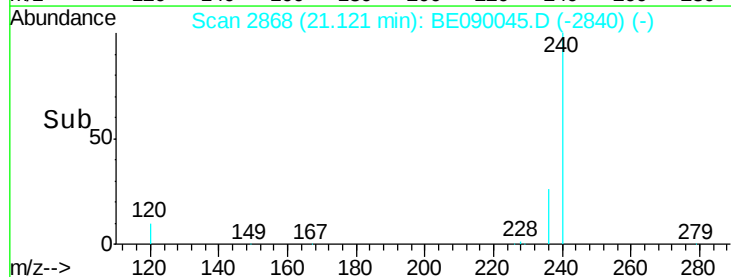
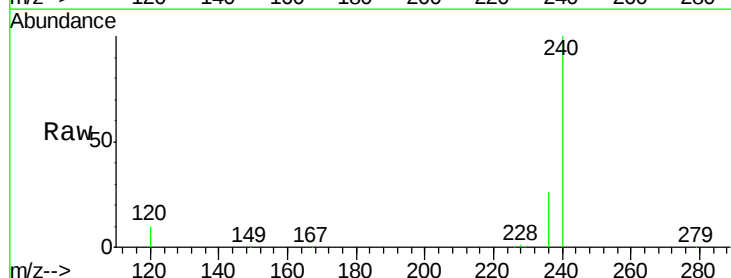
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.12 min Scan# 2868
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

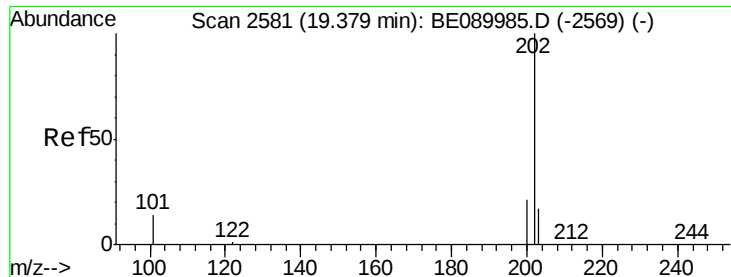
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.9	10.3
236	26.4	20.8	31.2

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



Time-->





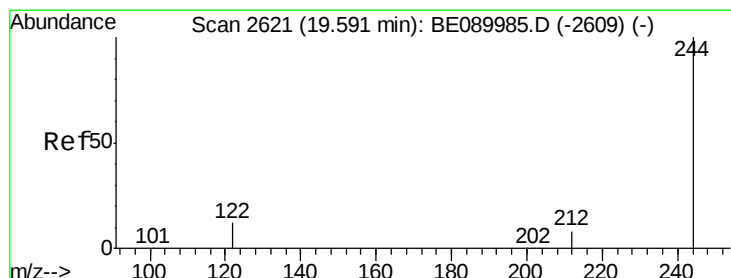
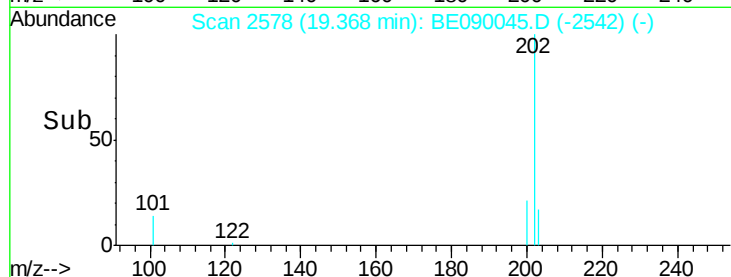
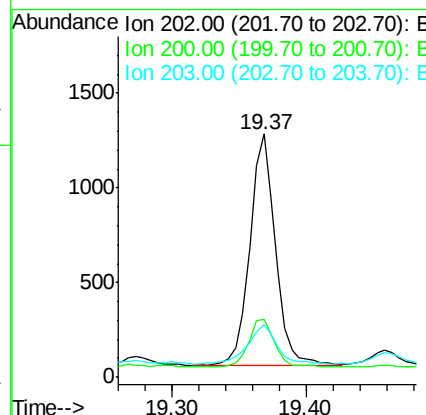
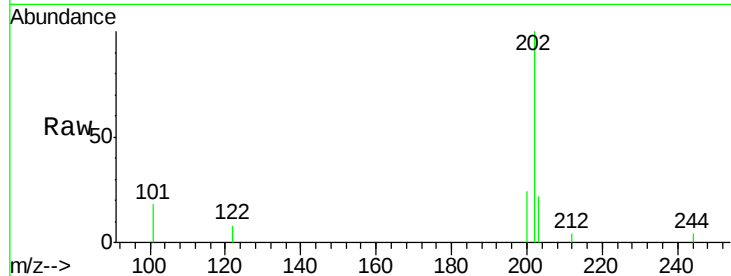
#26
 Pyrene
 Concen: 0.08 ng
 RT: 19.37 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1643		
200	21.2	16.8	25.2	
203	18.7	13.9	20.9	

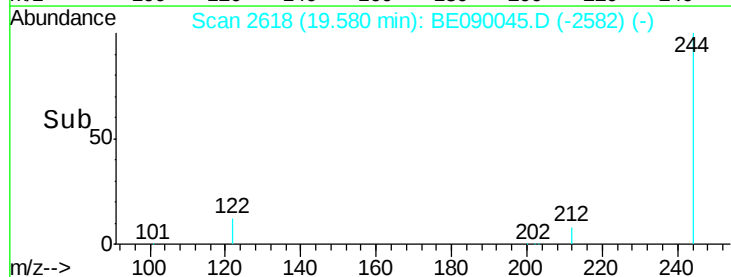
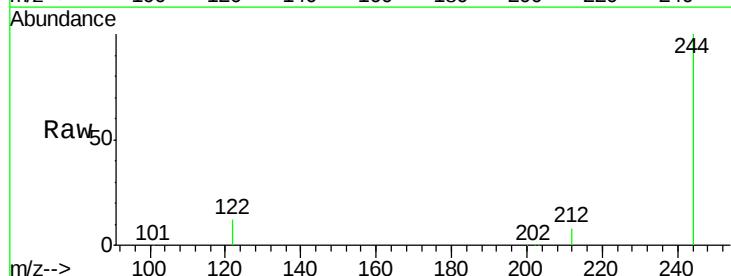
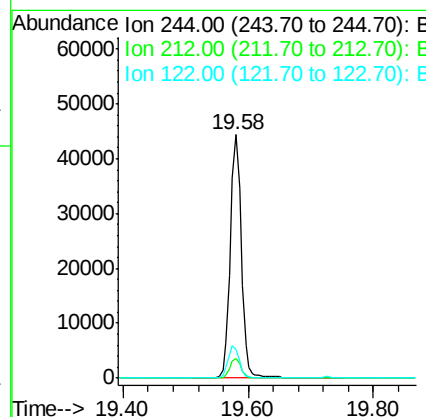
Manual Integrations
 APPROVED

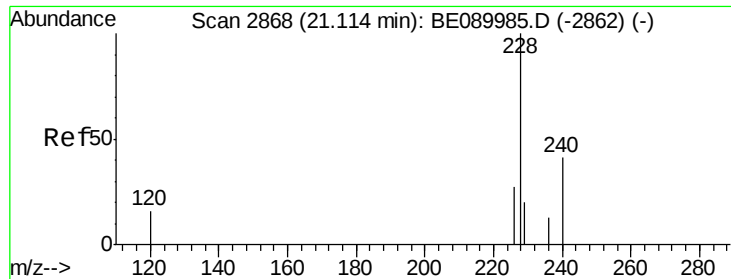
apatel
 7/2/2015 3:35:55 PM



#27
 Terphenyl-d14
 Concen: 3.80 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	54355		
212	7.9	6.6	9.8	
122	11.8	9.8	14.8	





#28

Benzo(a)anthracene

Concen: 0.08 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

Instrument :

BNA_E

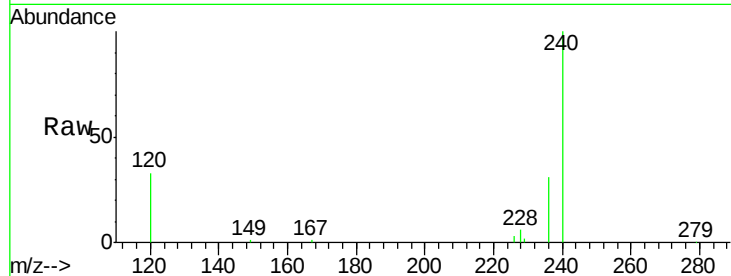
ClientSampleId :

X1SB0510204-150625

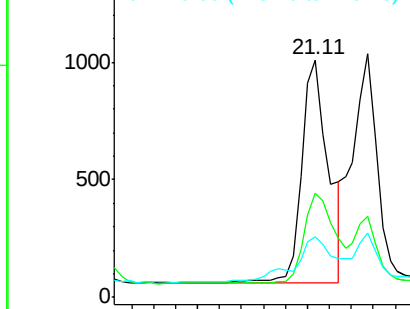
Tgt Ion:	228	Resp:	1628
Ion Ratio	Lower	Upper	
228	100		
226	43.9	21.8	32.6#
229	25.5	15.8	23.6#

Manual Integrations
APPROVED

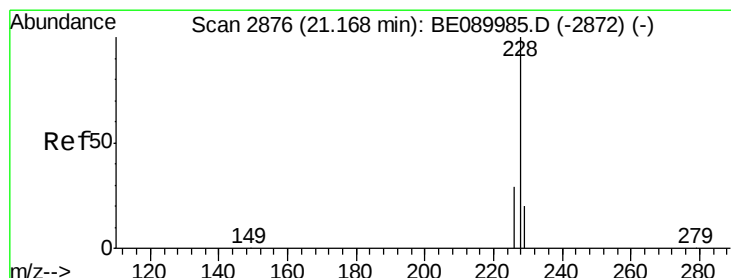
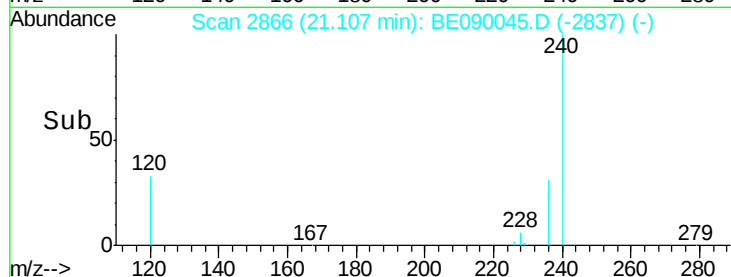
apatel
7/2/2015 3:35:55 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#29

Chrysene

Concen: 0.07 ng

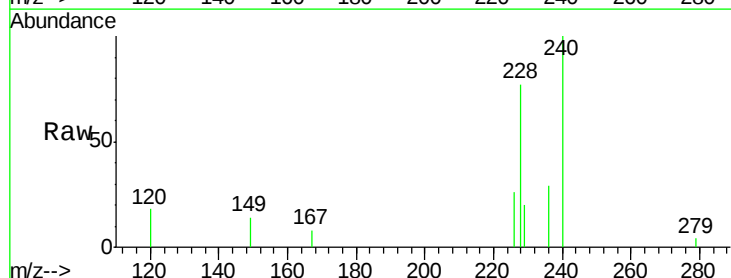
RT: 21.15 min Scan# 2873

Delta R.T. -0.01 min

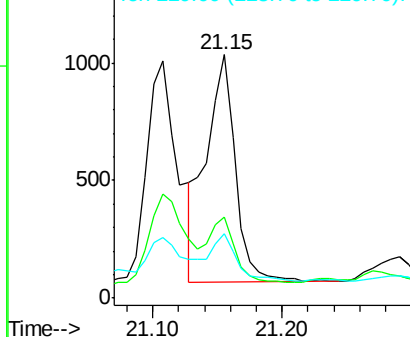
Lab File: BE090045.D

Acq: 1 Jul 2015 17:46

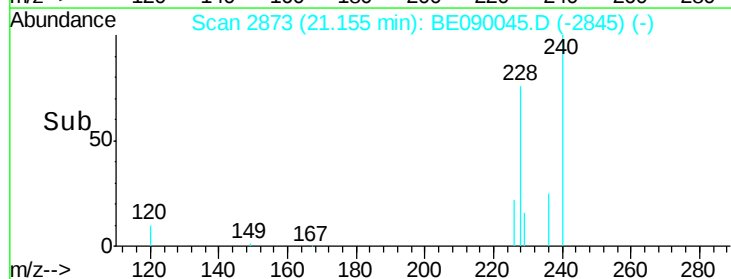
Tgt Ion:	228	Resp:	1544
Ion Ratio	Lower	Upper	
228	100		
226	33.1	23.4	35.0
229	26.5	16.2	24.2#

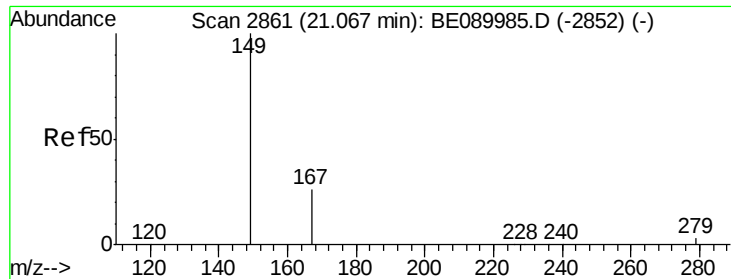


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





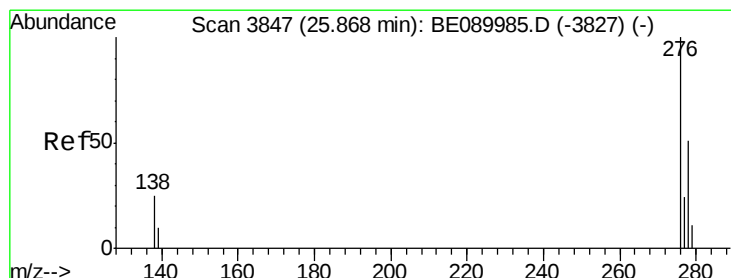
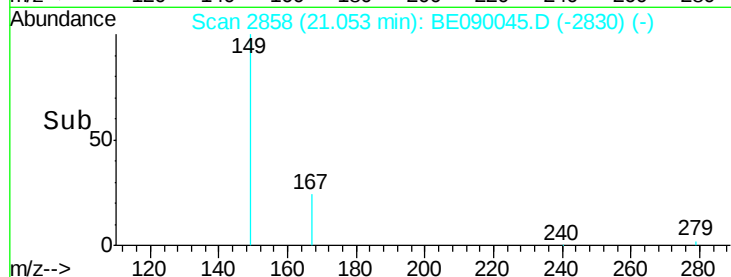
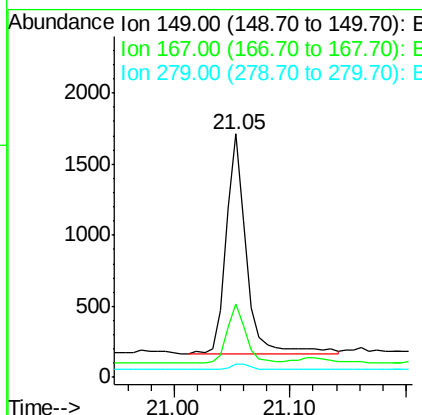
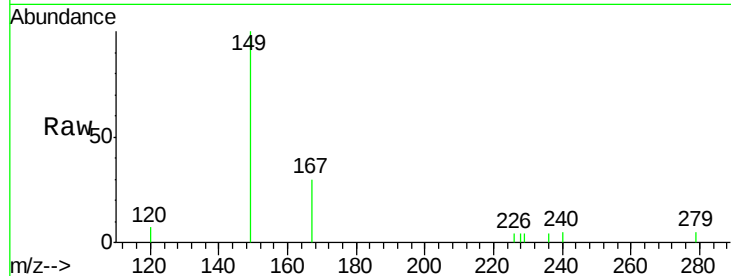
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.49 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.3	30.5
279	2.8	2.6	3.8

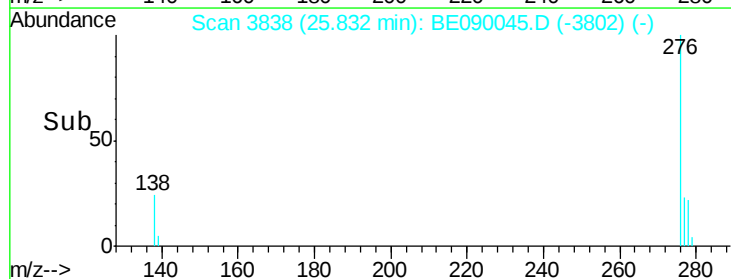
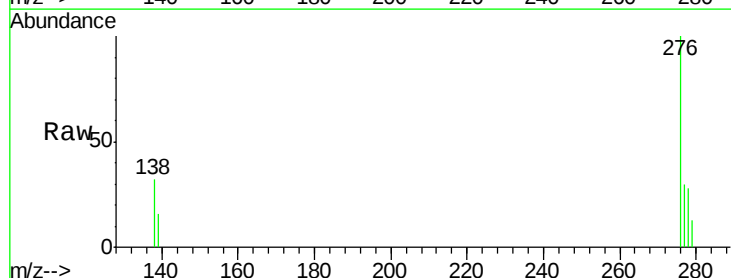
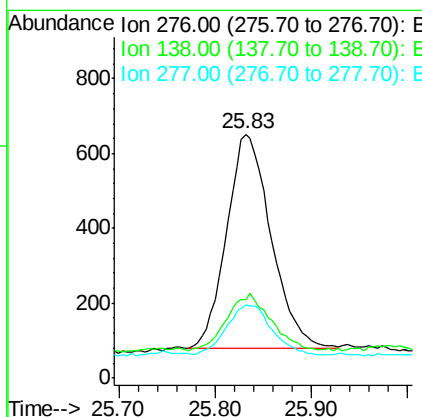
Manual Integrations
 APPROVED

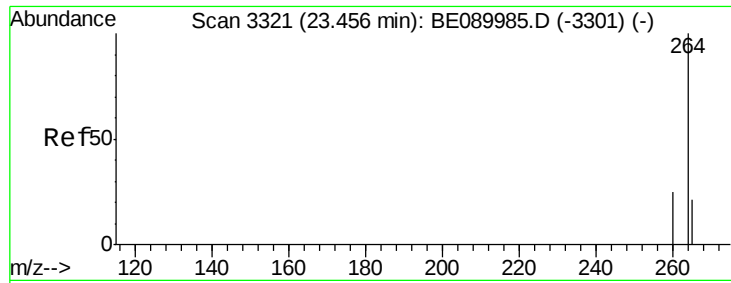
apatel
 7/2/2015 3:35:55 PM



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 25.83 min Scan# 3838
 Delta R.T. -0.04 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.3	31.9
277	24.6	19.7	29.5





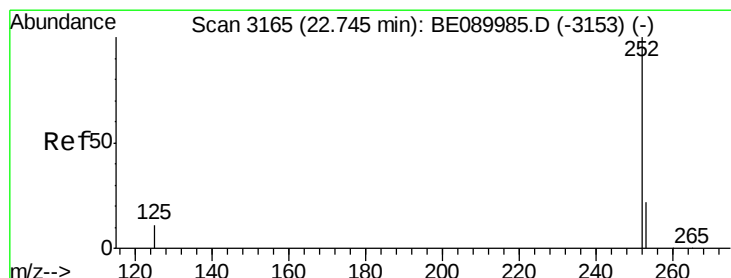
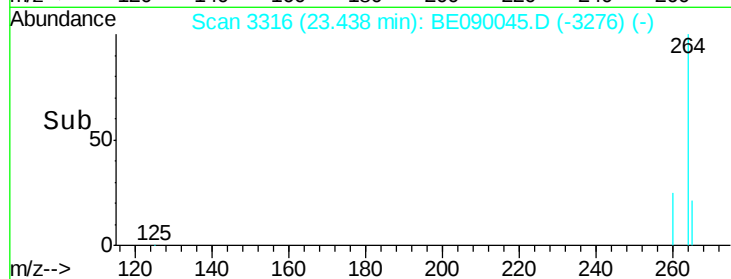
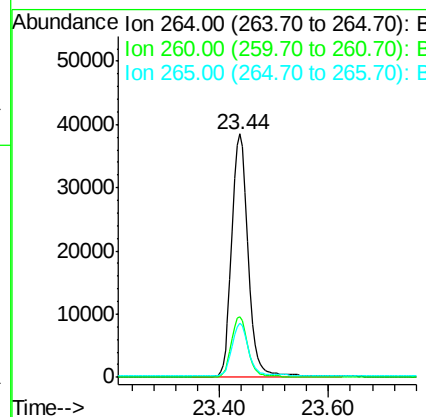
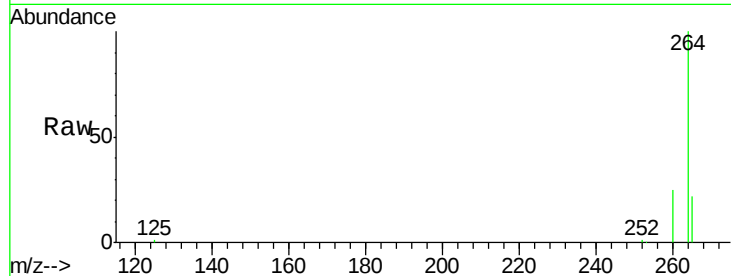
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

Instrument :
BNA_E
ClientSampleId :
X1SB0510204-150625

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	22.0	17.1	25.7

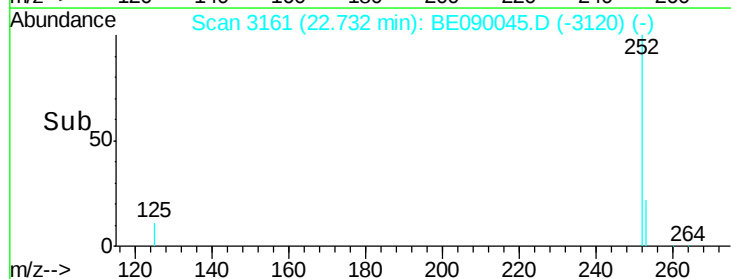
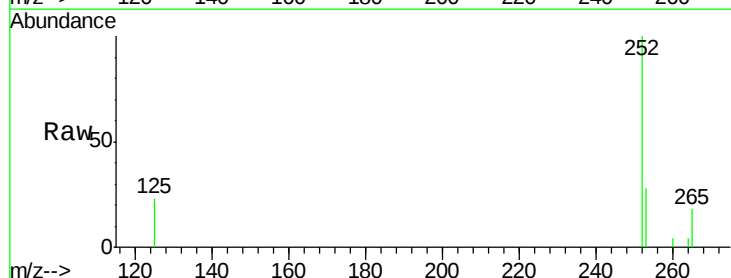
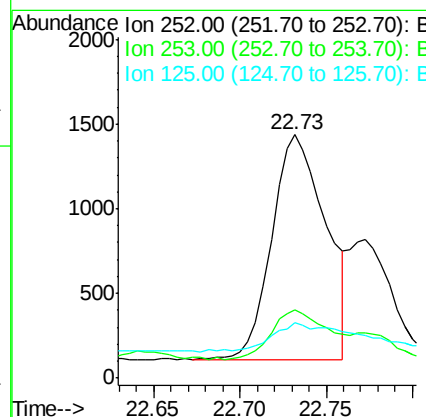
Manual Integrations
APPROVED

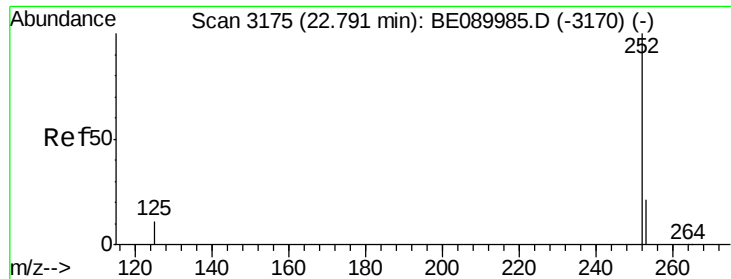
apatel
7/2/2015 3:35:55 PM



#33
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.8	26.8#
125	22.7	9.0	13.4#





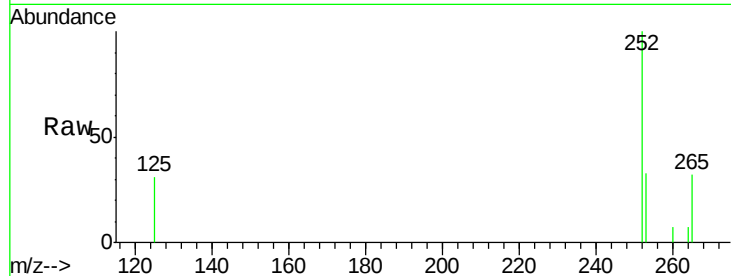
#34
Benzo(k)fluoranthene
Concen: 0.07 ng m
RT: 22.77 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

Instrument :
BNA_E
ClientSampleId :
X1SB0510204-150625

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.5	26.3#
125	30.9	9.5	14.3#

Manual Integrations
APPROVED

apatel
7/2/2015 3:35:55 PM

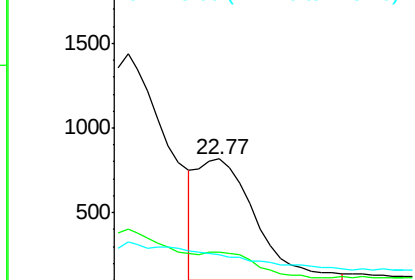


Abundance

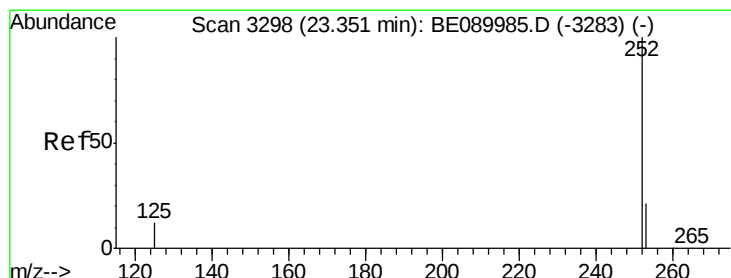
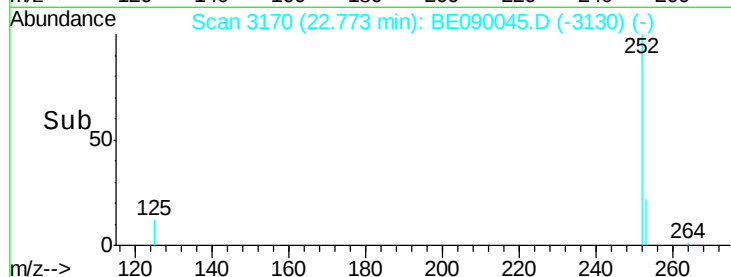
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#35
Benzo(a)pyrene
Concen: 0.12 ng
RT: 23.33 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BE090045.D
Acq: 1 Jul 2015 17:46

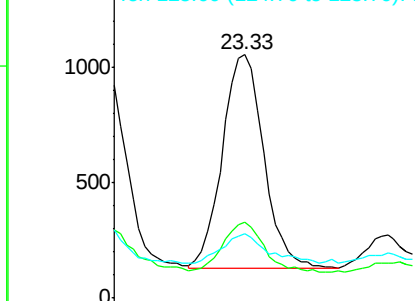
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.4	26.2#
125	26.3	10.5	15.7#

Abundance

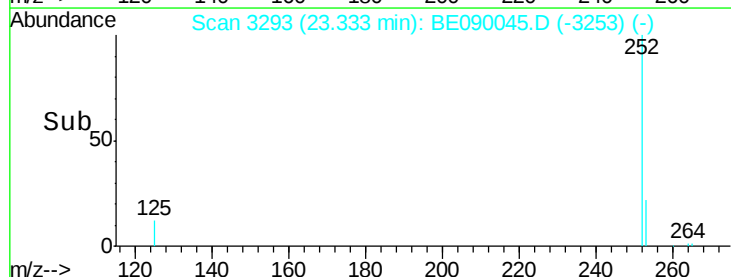
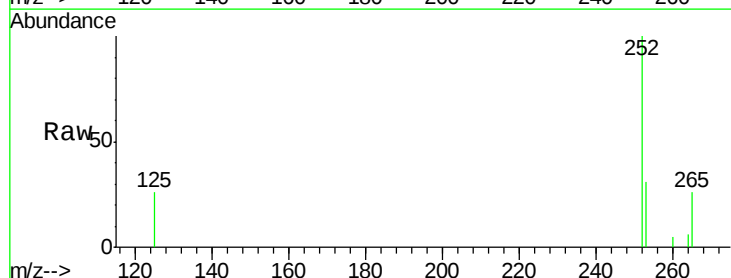
Ion 252.00 (251.70 to 252.70): E

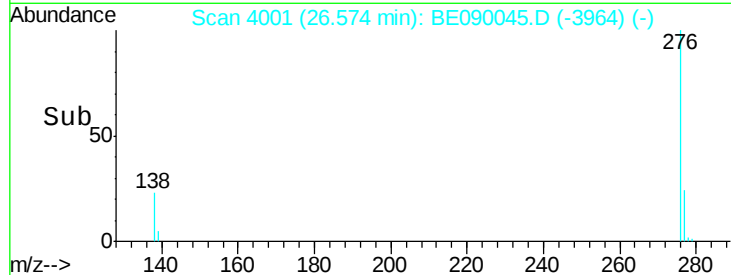
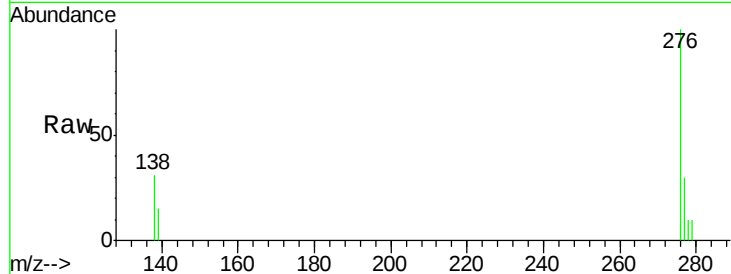
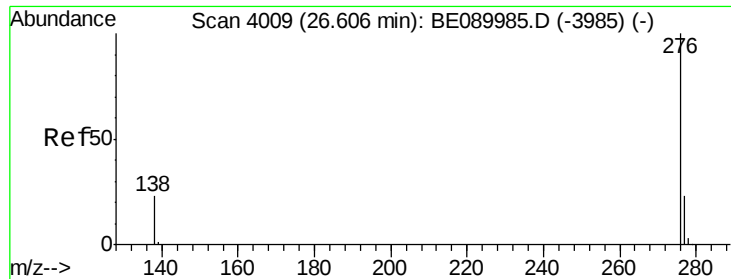
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37
 Benzo(g,h,i)perylene
 Concen: 0.14 ng
 RT: 26.57 min Scan# 4001
 Delta R.T. -0.03 min
 Lab File: BE090045.D
 Acq: 1 Jul 2015 17:46

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0510204-150625

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	29.8	18.8	28.2#
138	31.5	18.6	27.8#

Manual Integrations
 APPROVED

apatel
 7/2/2015 3:35:55 PM

