

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091785.D
 Acq On : 16 May 2016 22:11
 Operator : UM/SJ
 Sample : H3065-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-160511

Manual Integrations
 APPROVED

umangi
 5/17/2016 7:17:59 PM

Quant Time: May 17 04:47:04 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45230	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	222142	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	128886	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	297221	5.00	ng	0.00
26) Chrysene-d12	21.29	240	285130	5.00	ng	-0.02
35) Perylene-d12	23.74	264	286339	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	24984	2.25	ng	0.00
5) Phenol-d6	6.95	99	21024	1.43	ng	0.00
8) Nitrobenzene-d5	8.95	82	48446	3.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	32503	6.80	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	143047	3.92	ng	0.00
29) Terphenyl-d14	19.76	244	241761	5.44	ng	0.00
Target Compounds						
18) Fluorene	15.44	166	1237	0.03	ng	# 59
22) Pentachlorophenol	16.79	266	958	0.26	ng	96
23) Phenanthrene	17.18	178	1876	0.03	ng	# 81
28) Pyrene	19.55	202	1963	0.03	ng	99
30) Benzo(a)anthracene	21.29	228	2347m	0.03	ng	
32) Chrysene	21.34	228	1844m	0.03	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	5846	0.28	ng	# 88

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

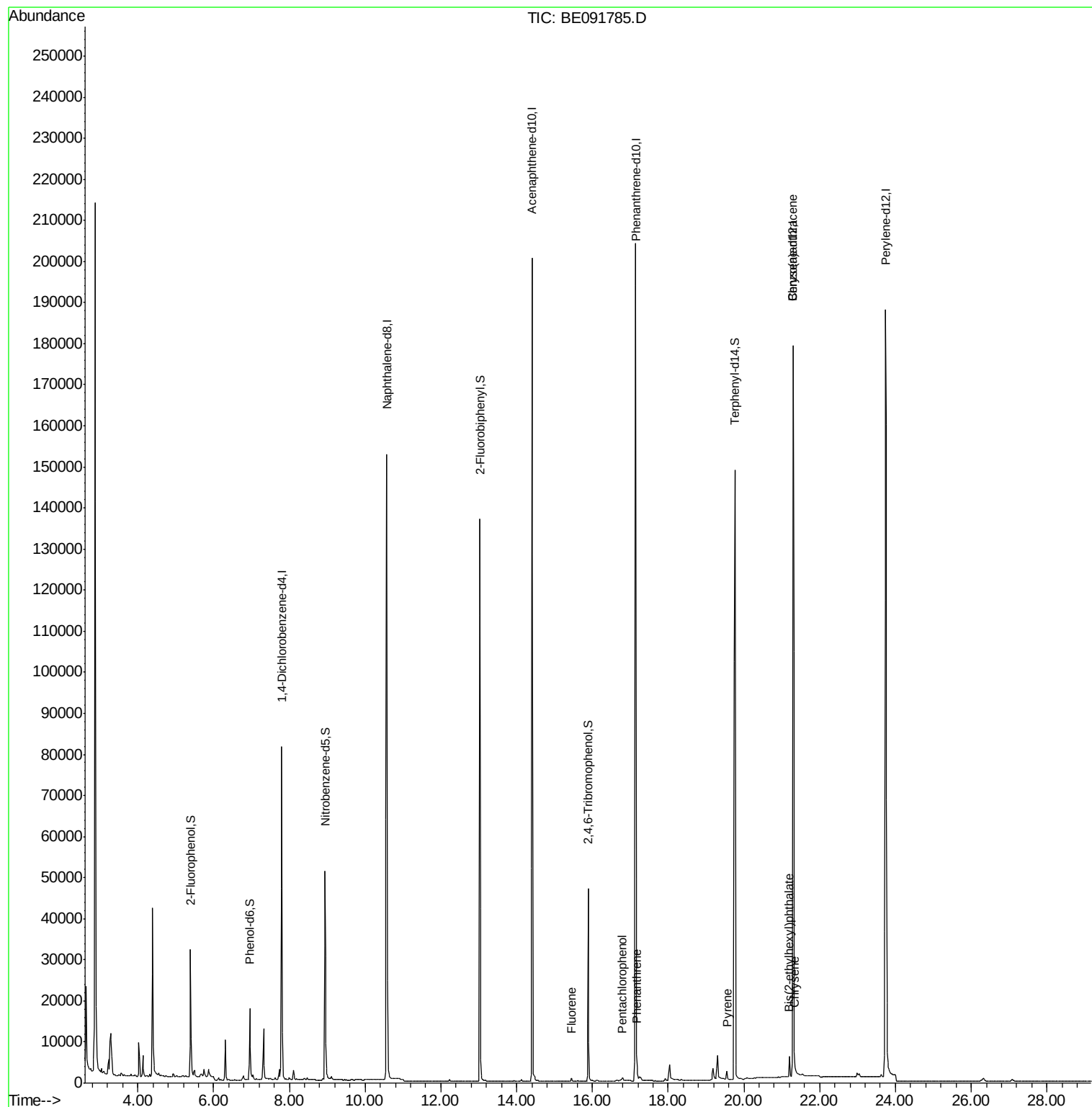
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091785.D
Acq On : 16 May 2016 22:11
Operator : UM/SJ
Sample : H3065-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

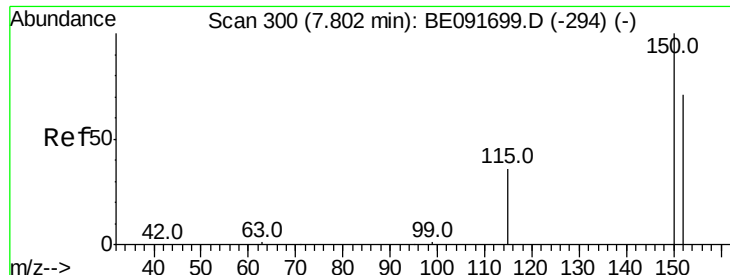
Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM

Quant Time: May 17 04:47:04 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091785.D

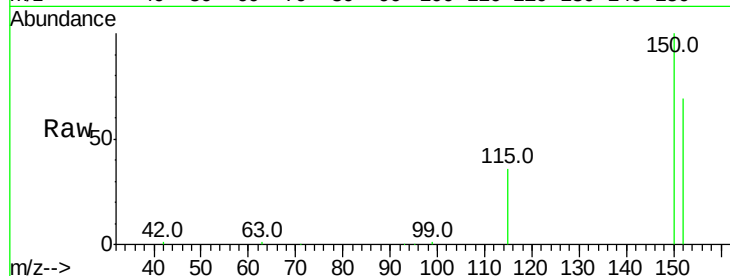
Acq: 16 May 2016 22:11

Instrument :

BNA_E

ClientSampleId :

SS043MW014-160511



Tot Ion:152 Resp: 45230

Ion Ratio Lower Upper

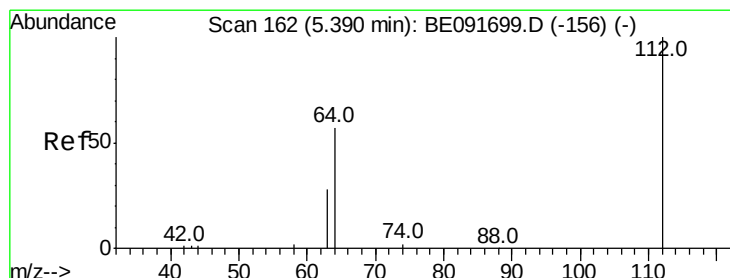
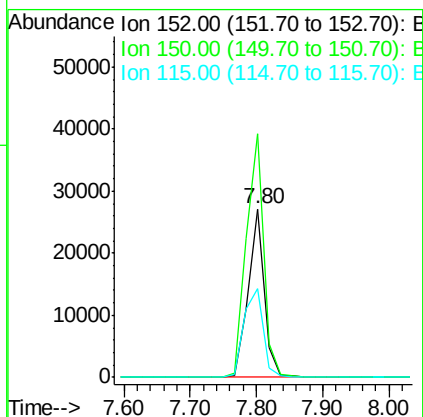
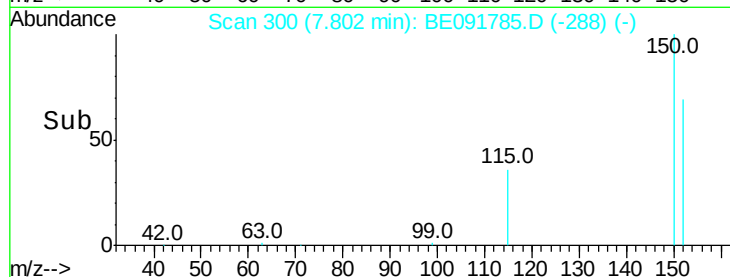
152 100

150 144.8 122.6 183.8

115 52.4 52.8 79.2#

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM



#4

2-Fluorophenol

Concen: 2.25 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

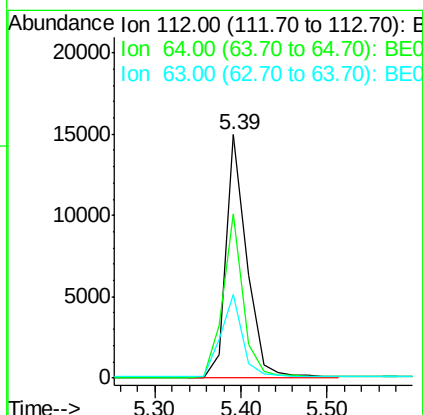
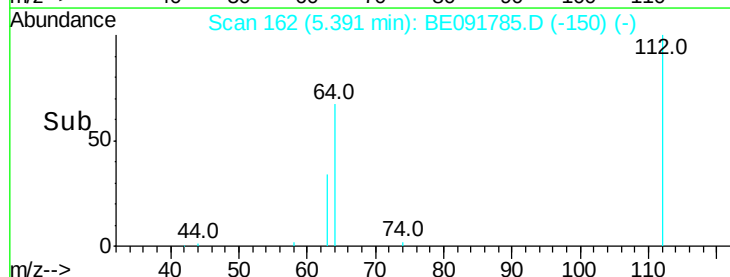
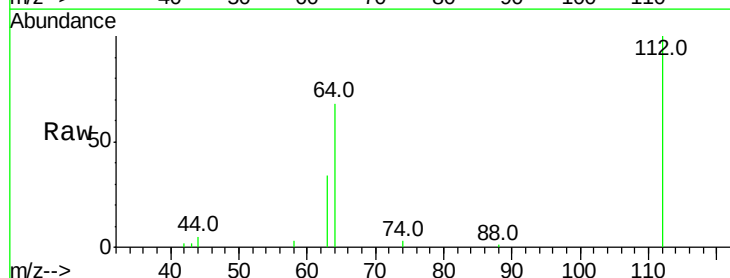
Tgt Ion:112 Resp: 24984

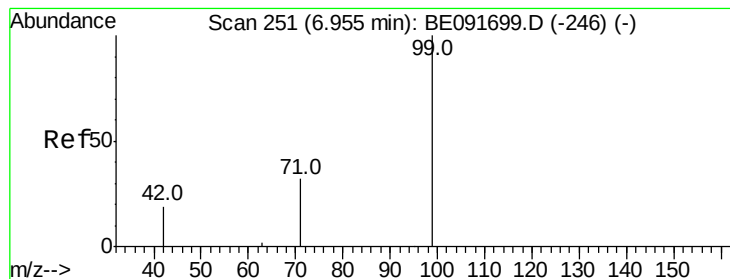
Ion Ratio Lower Upper

112 100

64 66.5 30.9 46.3#

63 36.0 16.7 25.1#





#5

Phenol-d6

Concen: 1.43 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Instrument :

BNA_E

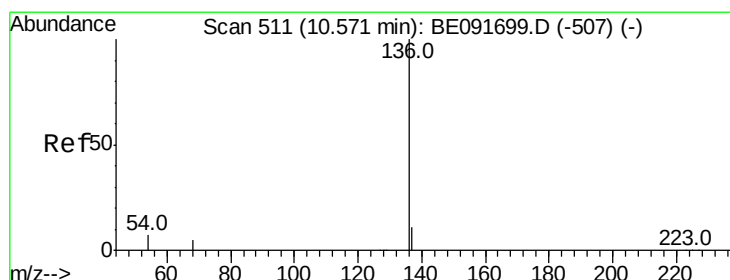
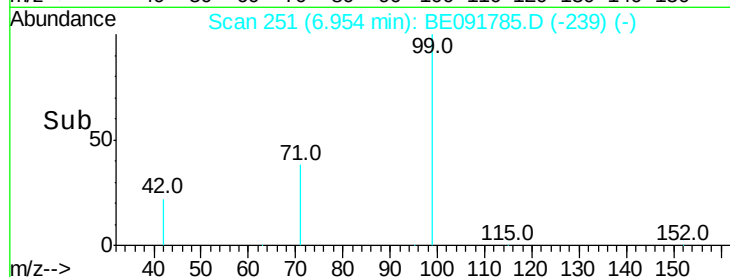
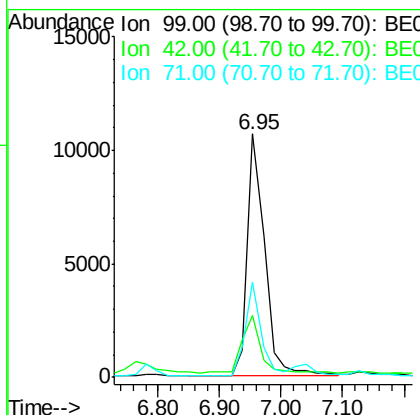
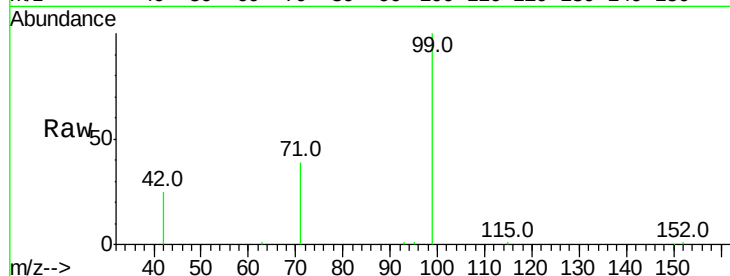
ClientSampleId :

SS043MW014-160511

Tot Ion:	99	Resp:	21024
Ion Ratio	Lower	Upper	
99	100		
42	24.3	16.2	24.2#
71	34.8	29.0	43.4

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM



#7

Naphthalene-d8

Concen: 5.00 ng

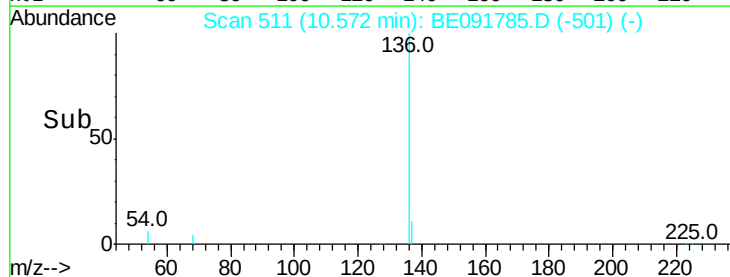
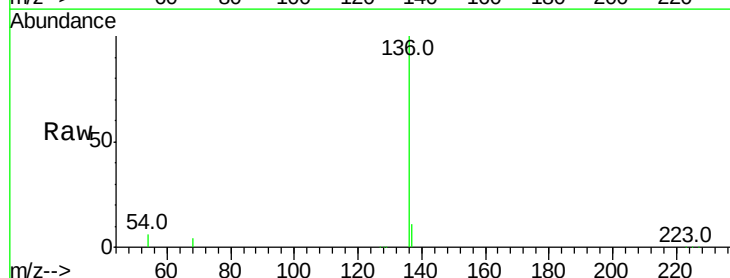
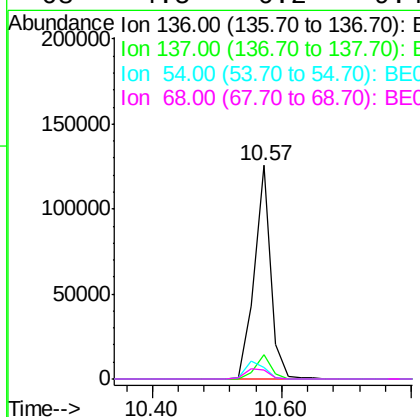
RT: 10.57 min Scan# 511

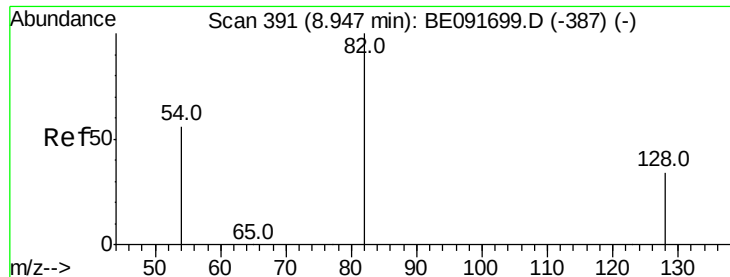
Delta R.T. 0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Tgt Ion:	136	Resp:	222142
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	5.6	8.2	12.4#
68	4.5	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 3.38 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Instrument :

BNA_E

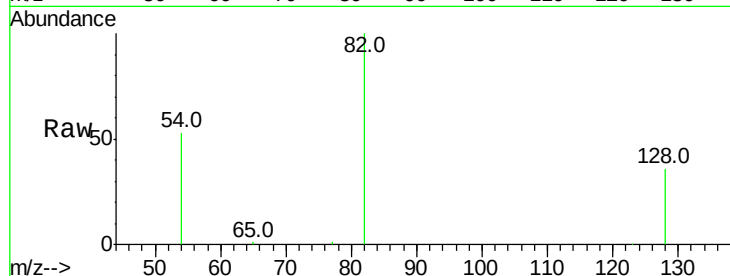
ClientSampleId :

SS043MW014-160511

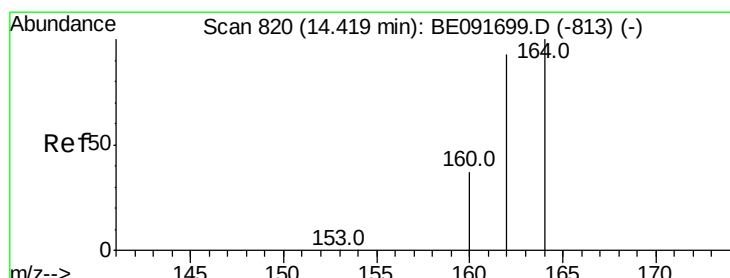
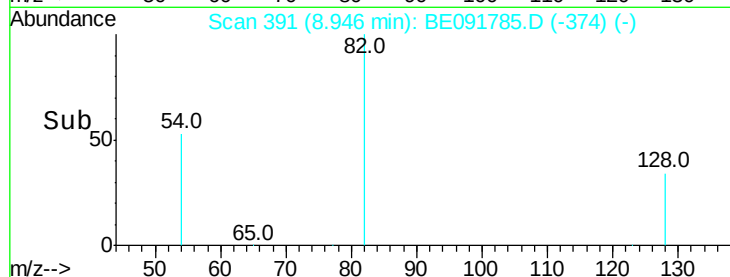
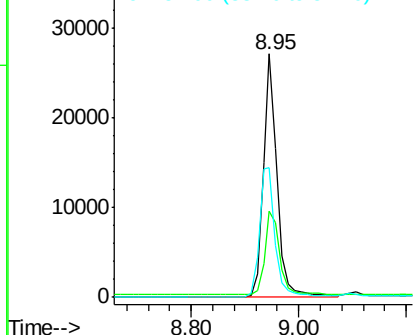
Tot Ion:	82	Resp:	48446
Ion Ratio	Lower	Upper	
82	100		
128	35.5	25.4	38.0
54	53.3	48.4	72.6

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#13

Acenaphthene-d10

Concen: 5.00 ng

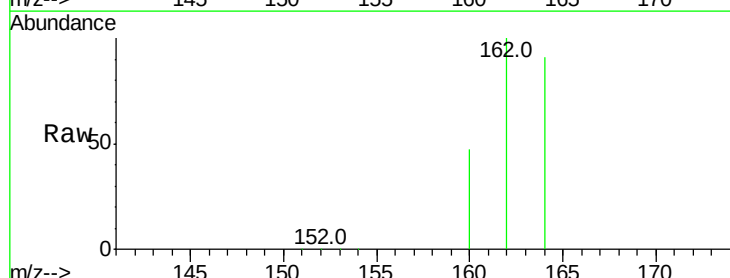
RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

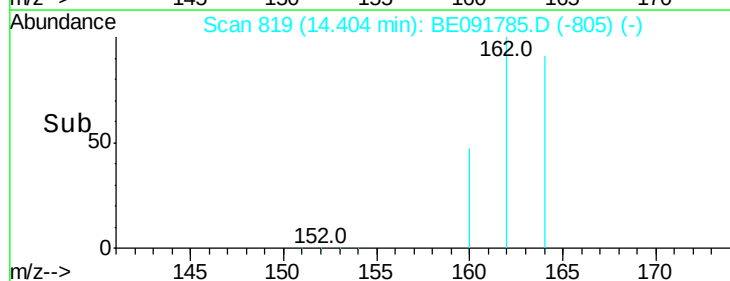
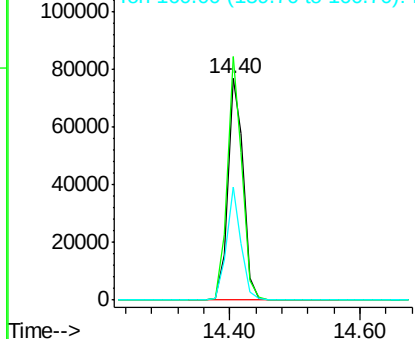
Lab File: BE091785.D

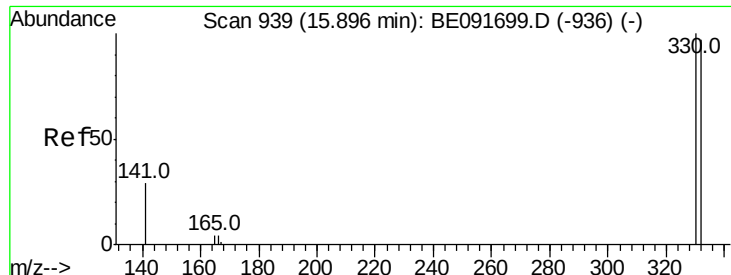
Acq: 16 May 2016 22:11

Tgt Ion:	164	Resp:	128886
Ion Ratio	Lower	Upper	
164	100		
162	110.0	85.3	127.9
160	51.3	46.2	69.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





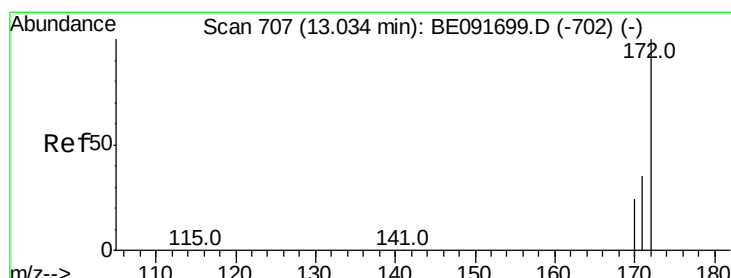
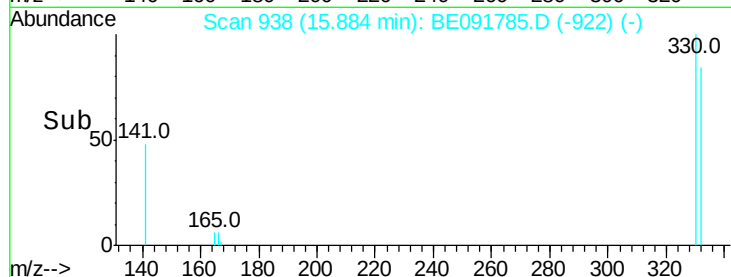
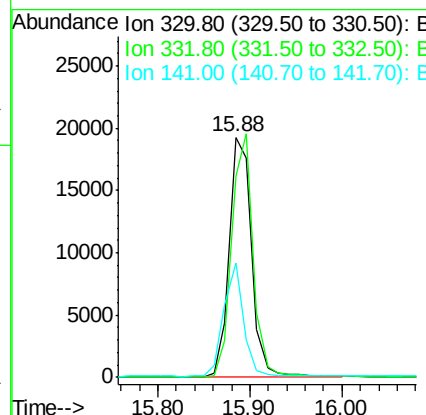
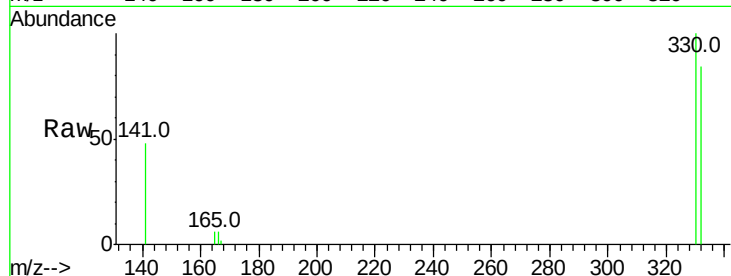
#14
 2,4,6-Tribromophenol
 Concen: 6.80 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-160511

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	41.9	125.4	188.0#

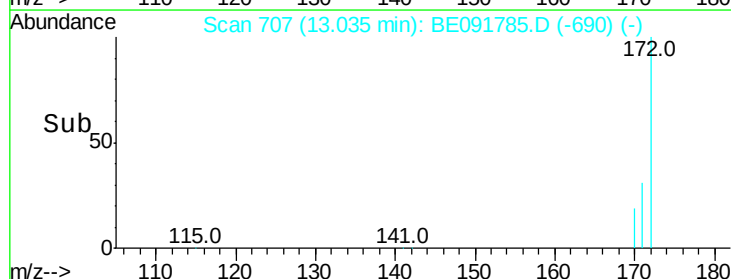
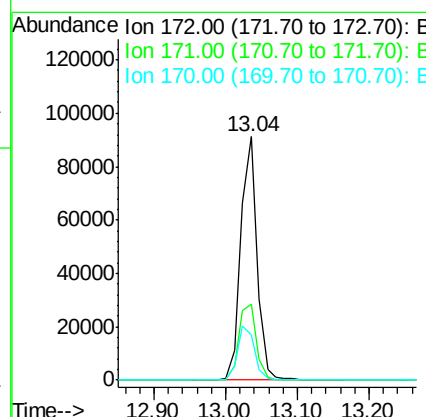
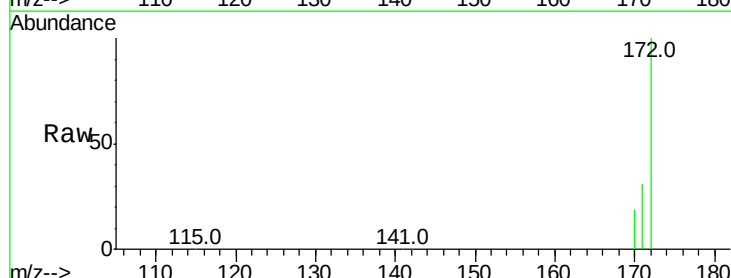
Manual Integrations
 APPROVED

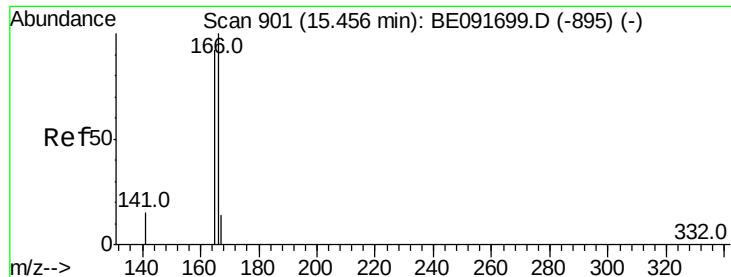
umangi
 5/17/2016 7:17:59 PM



#15
 2-Fluorobiphenyl
 Concen: 3.92 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.3	28.8	43.2
170	18.7	19.3	28.9#





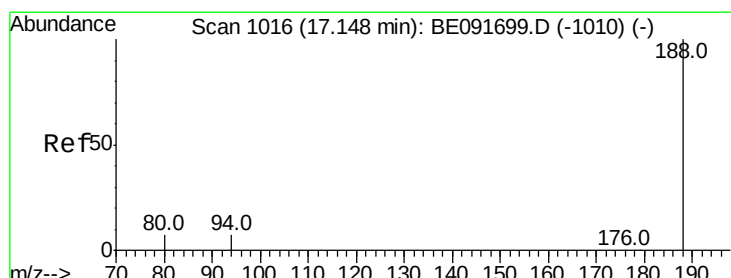
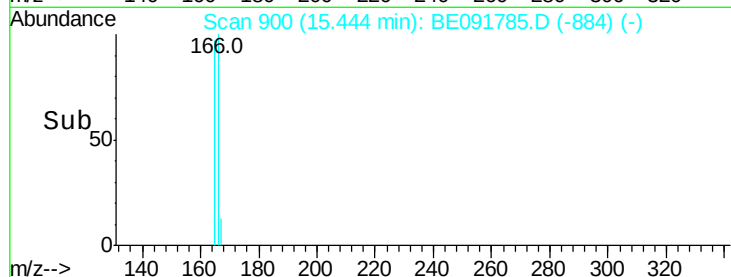
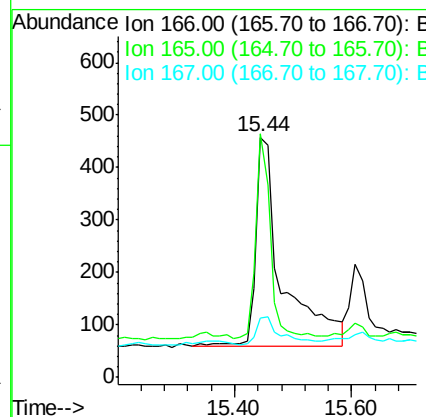
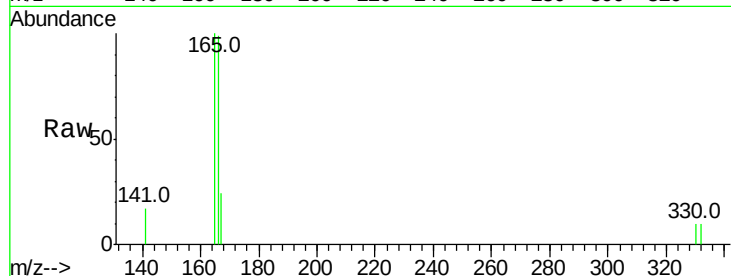
#18
Fluorene
 Concen: 0.03 ng
 RT: 15.44 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-160511

Tot Ion	Ratio	Lower	Upper
166	100		
165	54.1	80.8	121.2#
167	12.4	10.9	16.3

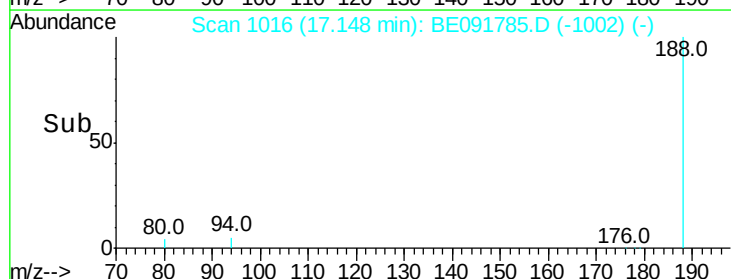
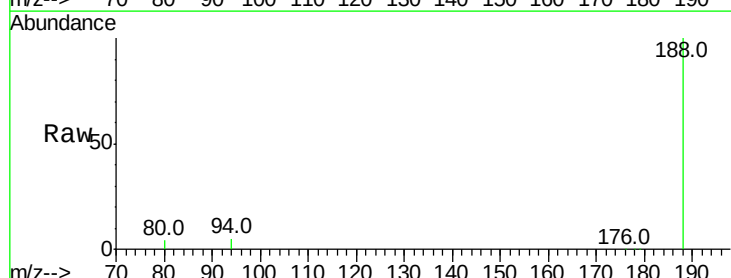
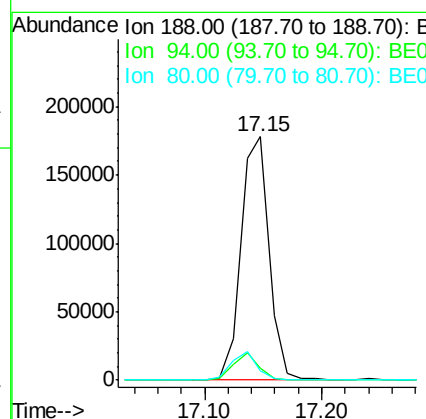
Manual Integrations
 APPROVED

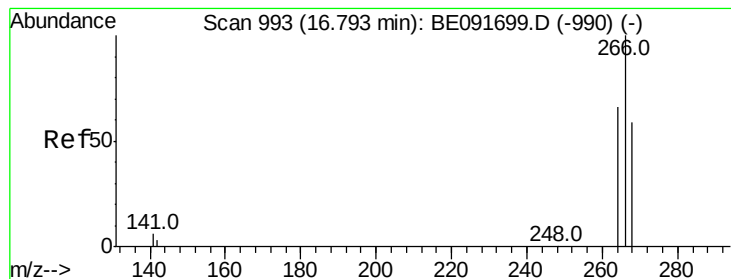
umangi
 5/17/2016 7:17:59 PM



#19
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.15 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	8.7	13.1#
80	3.9	9.4	14.0#





#22

Pentachlorophenol

Concen: 0.26 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Instrument :

BNA_E

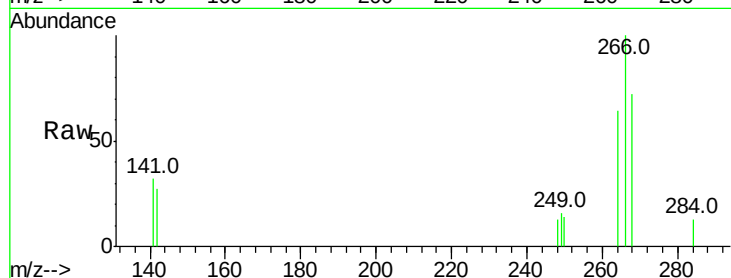
ClientSampleId :

SS043MW014-160511

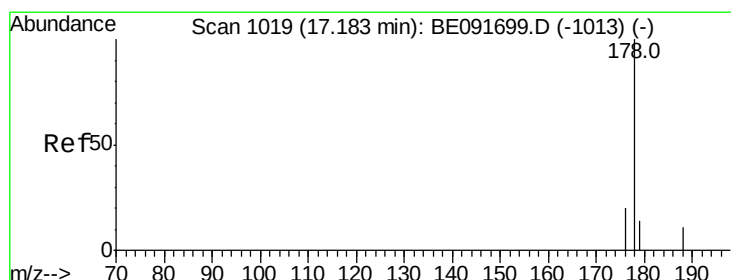
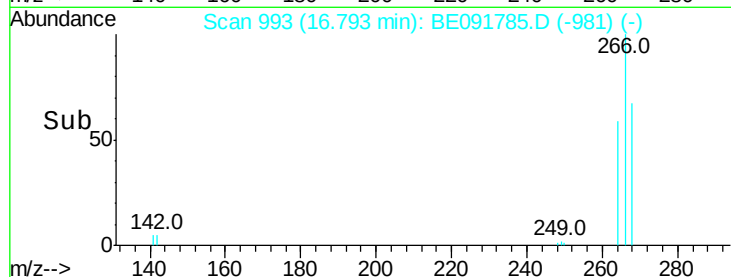
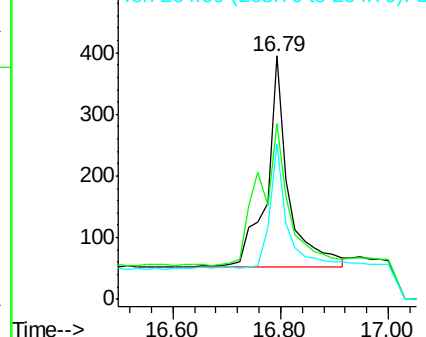
Tot Ion:	266	Resp:	958
Ion Ratio	Lower	Upper	
266	100		
268	72.2	58.2	87.2
264	63.8	56.2	84.4

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: 0.03 ng

RT: 17.18 min Scan# 1019

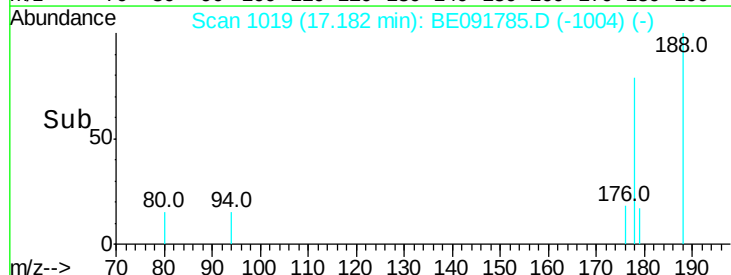
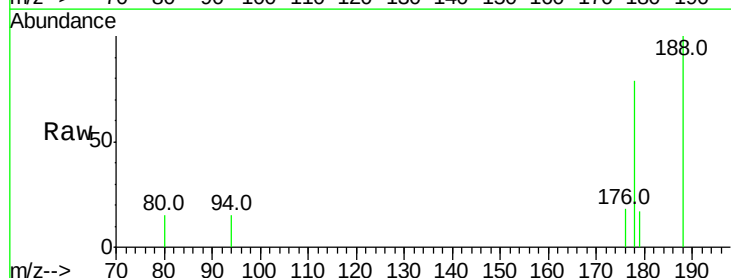
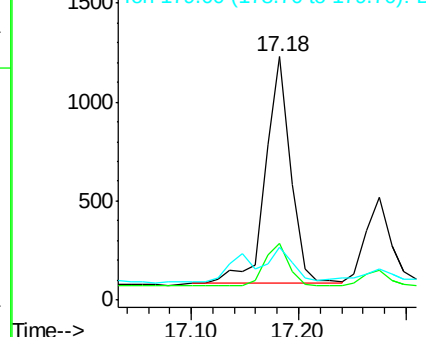
Delta R.T. -0.00 min

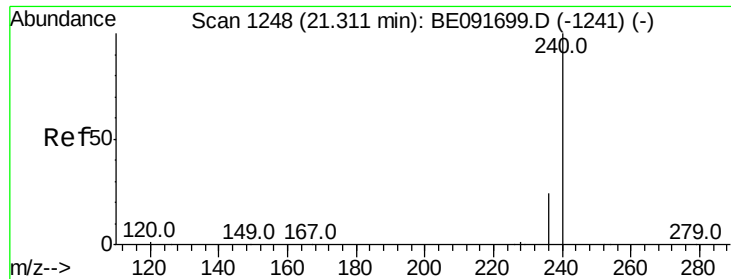
Lab File: BE091785.D

Acq: 16 May 2016 22:11

Tgt Ion:	178	Resp:	1876
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.3	22.9
179	0.0	12.6	18.8#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





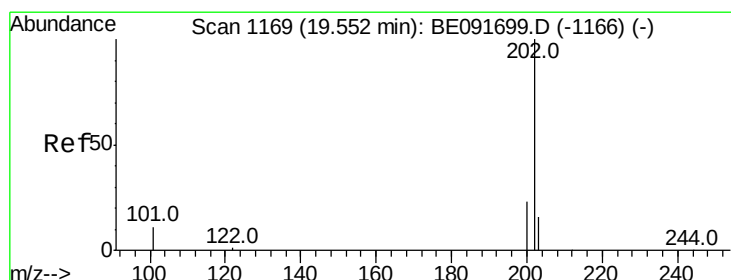
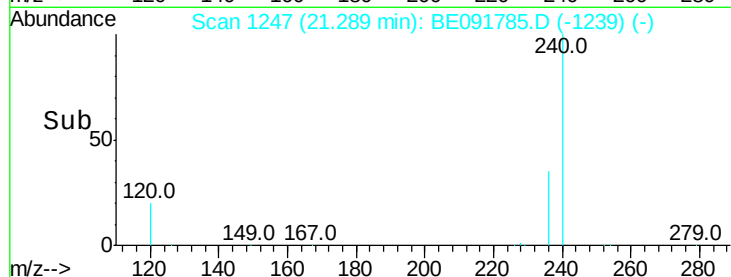
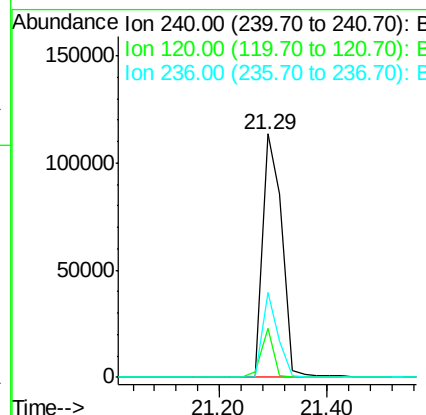
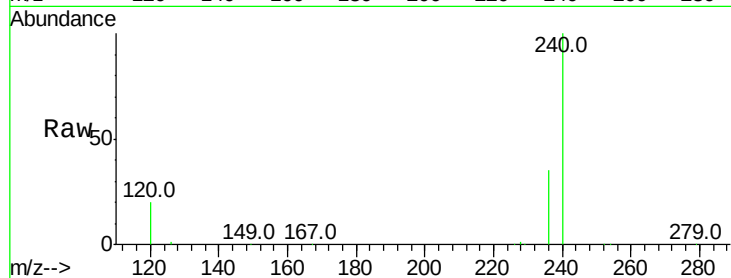
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.4	11.0	16.4#
236	34.7	21.7	32.5#

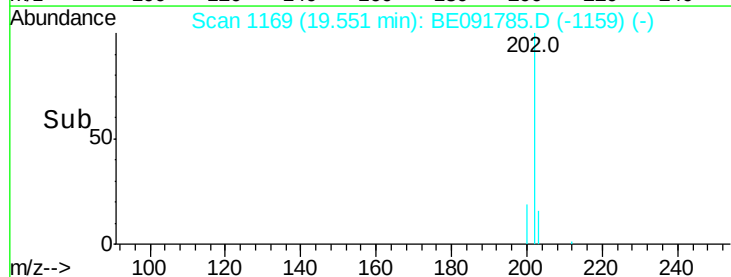
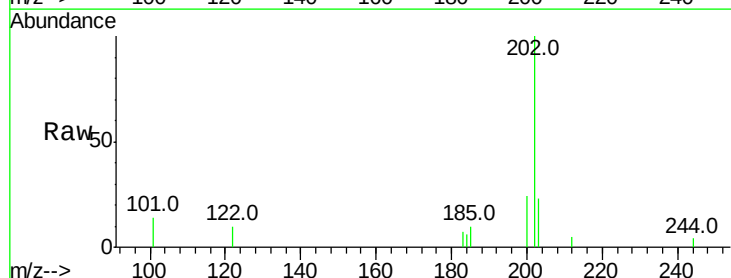
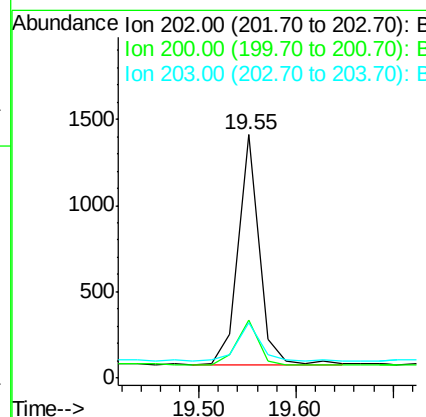
Manual Integrations
APPROVED

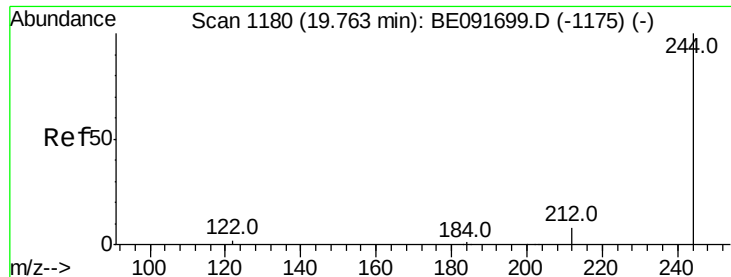
umangi
5/17/2016 7:17:59 PM



#28
Pyrene
Concen: 0.03 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.9	14.0	21.0





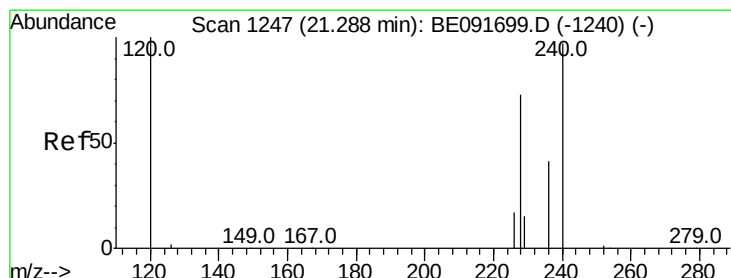
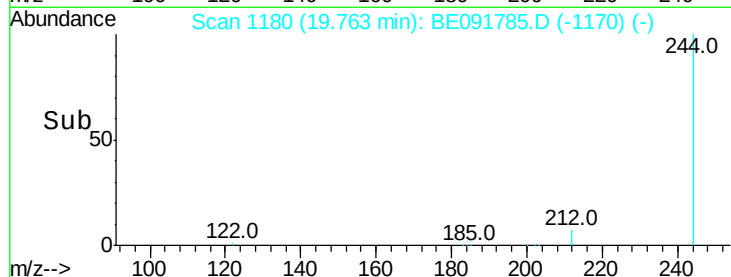
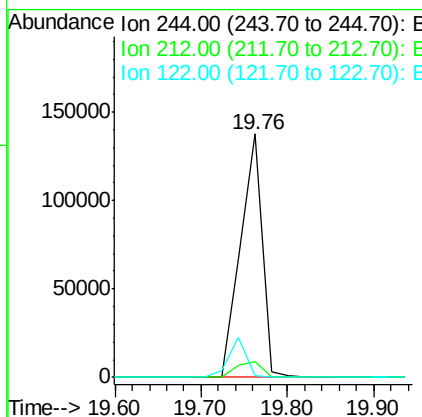
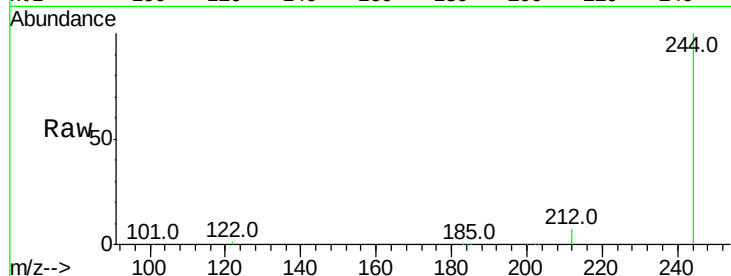
#29
 Terphenyl-d14
 Concen: 5.44 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-160511

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7	6.9	10.3#	
122	0.7	11.0	16.4#	

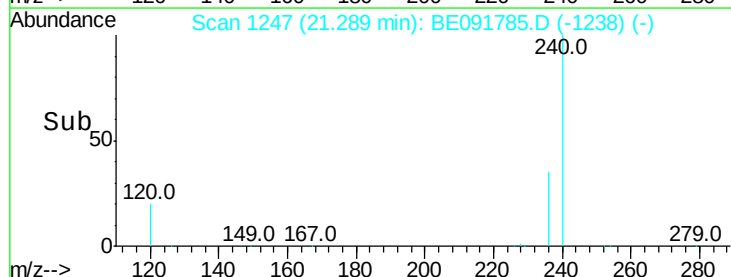
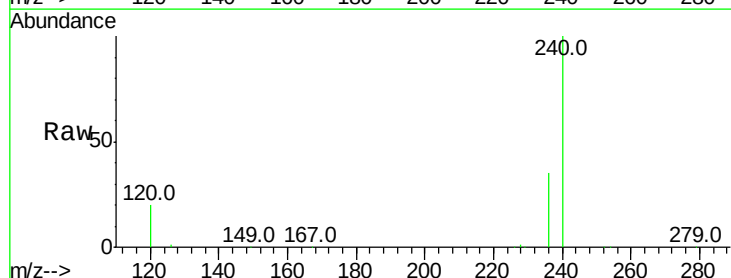
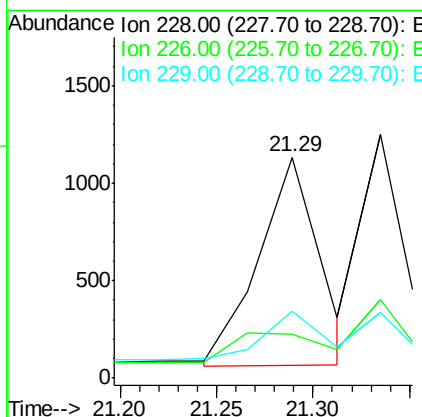
Manual Integrations
 APPROVED

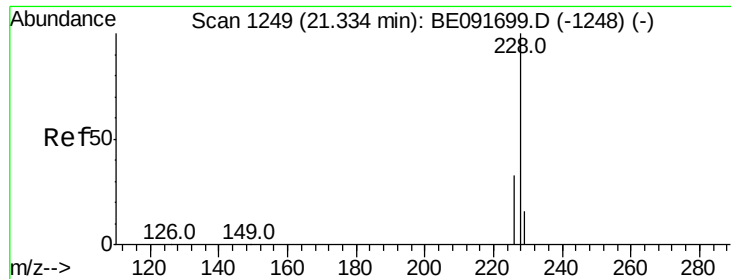
umangi
 5/17/2016 7:17:59 PM



#30
 Benzo(a)anthracene
 Concen: 0.03 ng m
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	20.0	21.0	31.4#	
229	30.1	15.7	23.5#	





#32

Chrysene

Concen: 0.03 ng/mL

RT: 21.34 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Instrument :

BNA_E

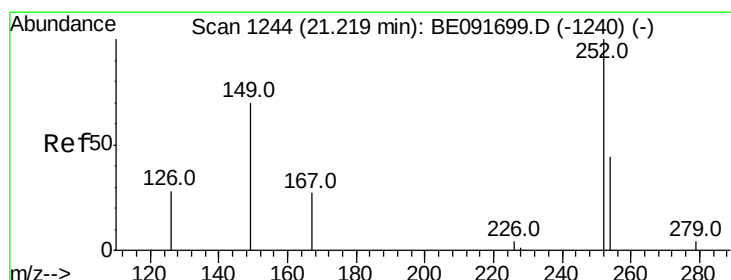
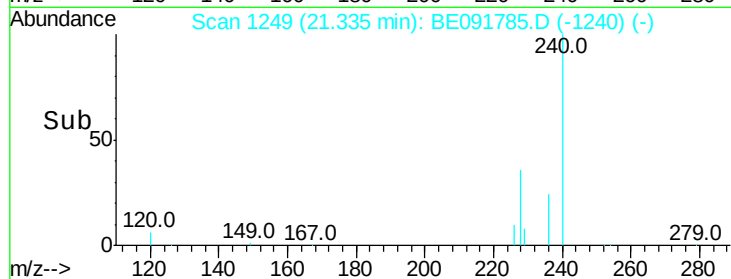
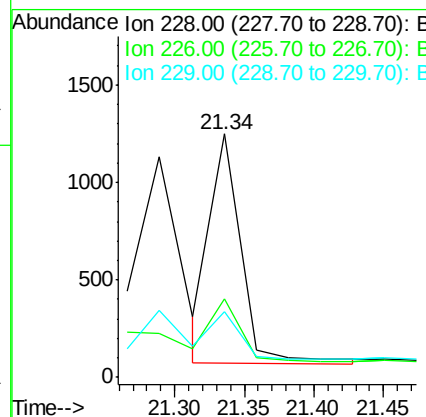
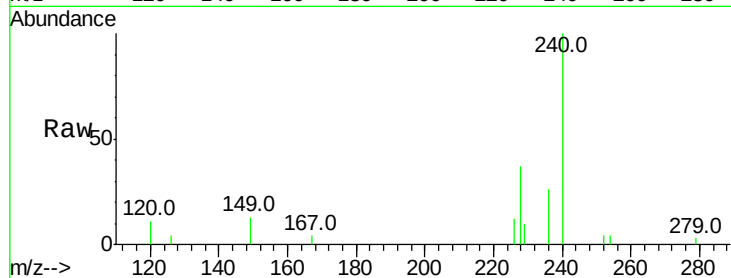
ClientSampleID :

SS043MW014-160511

Tot Ion:	228	Resp:	1844
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.0	36.0
229	27.1	15.9	23.9

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:59 PM



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

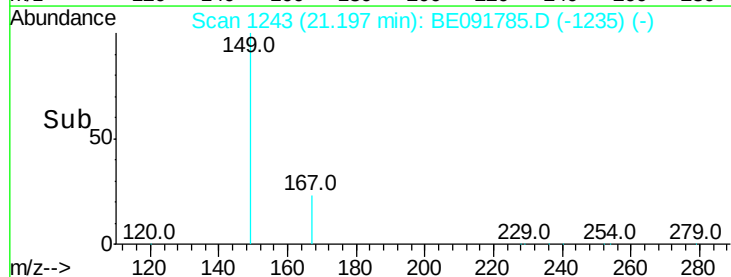
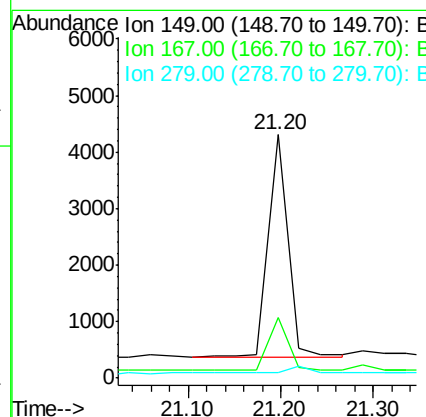
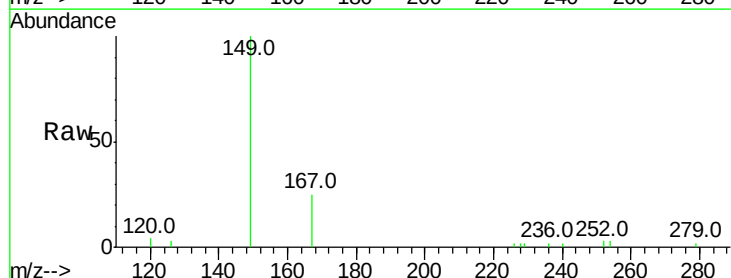
RT: 21.20 min Scan# 1243

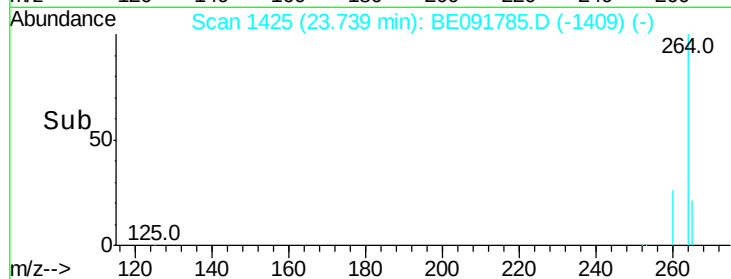
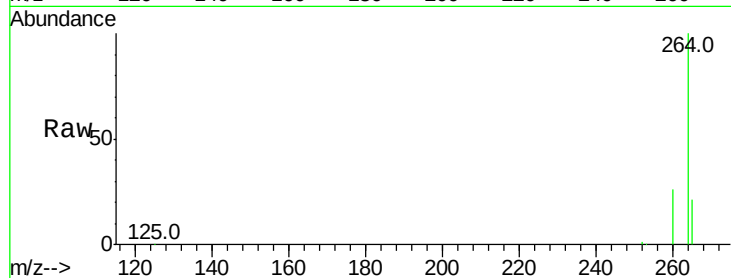
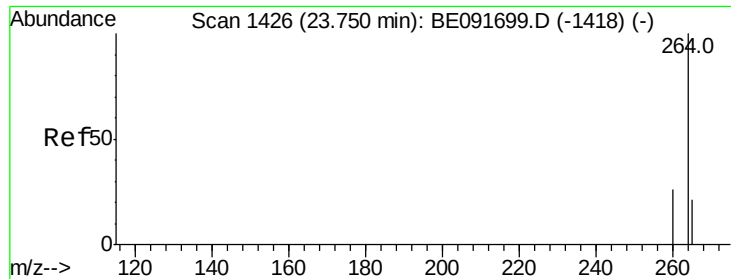
Delta R.T. -0.02 min

Lab File: BE091785.D

Acq: 16 May 2016 22:11

Tgt Ion:	149	Resp:	5846
Ion Ratio	Lower	Upper	
149	100		
167	23.5	19.5	29.3
279	0.0	10.0	15.0





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091785.D
 Acq: 16 May 2016 22:11

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-160511

Tot Ion:	264	Resp:	286339
Ion Ratio	Lower	Upper	
264	100		
260	26.0	20.0	30.0
265	21.2	17.5	26.3

Manual Integrations
 APPROVED

umangi
 5/17/2016 7:17:59 PM

