

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091675.D
 Acq On : 18 Apr 2016 22:17
 Operator : UM/SJ
 Sample : H2563-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR08

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:41:41 PM

Quant Time: Apr 19 05:36:35 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37175	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	184321	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	111660	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	301002	5.00	ng	0.00
26) Chrysene-d12	21.31	240	353693	5.00	ng	0.00
35) Perylene-d12	23.75	264	315297	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1619	0.20	ng	0.00
5) Phenol-d6	6.97	99	4743	0.43	ng	0.00
8) Nitrobenzene-d5	8.96	82	31837	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	7716	2.51	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	100674	3.24	ng	0.00
29) Terphenyl-d14	19.76	244	220394	4.57	ng	0.00
Target Compounds						
23) Phenanthrene	17.20	178	1486	0.02	ng	Qvalue # 79
30) Benzo(a)anthracene	21.29	228	2180m	0.03	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	26309	1.47	ng	# 85

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

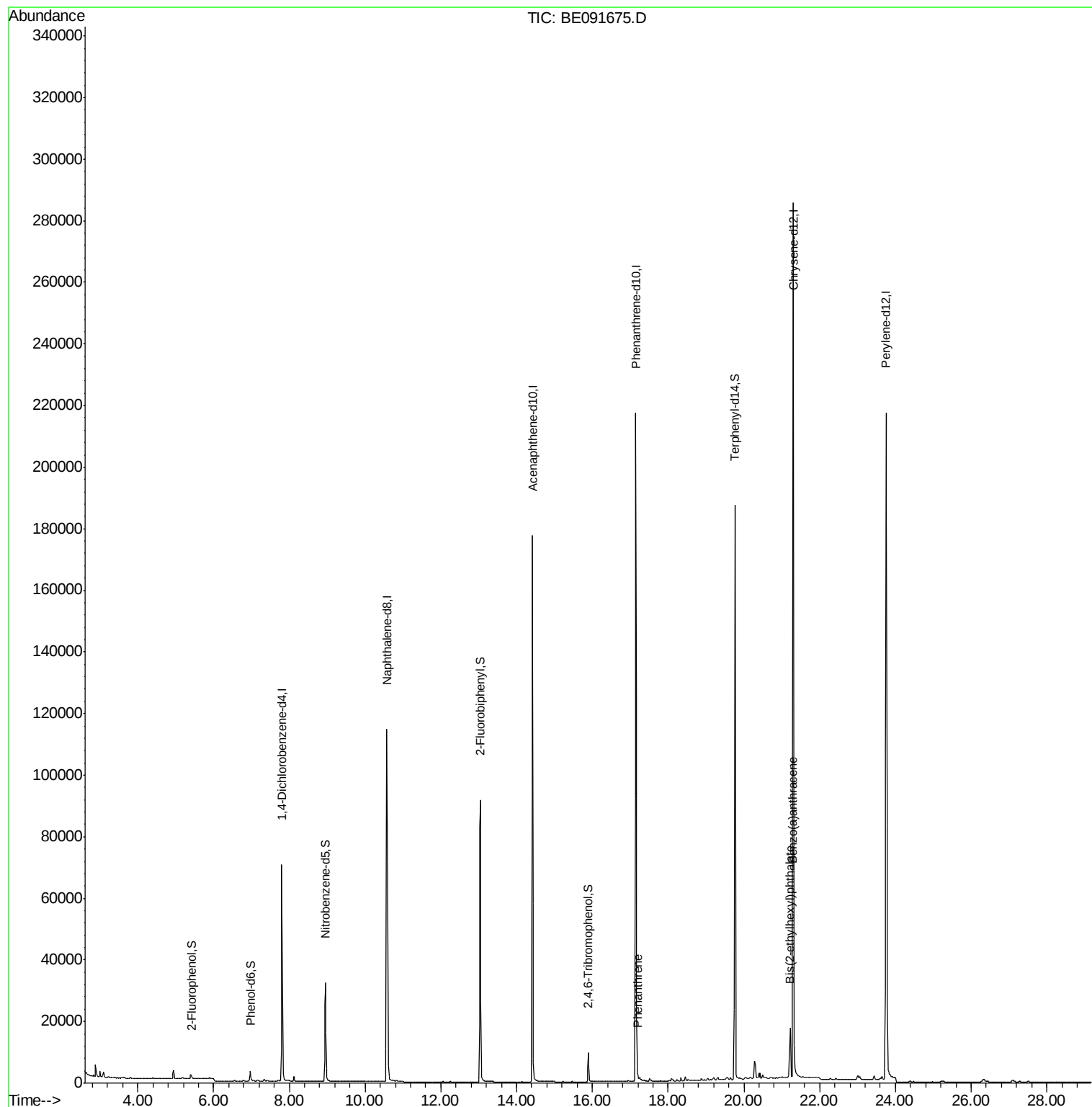
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
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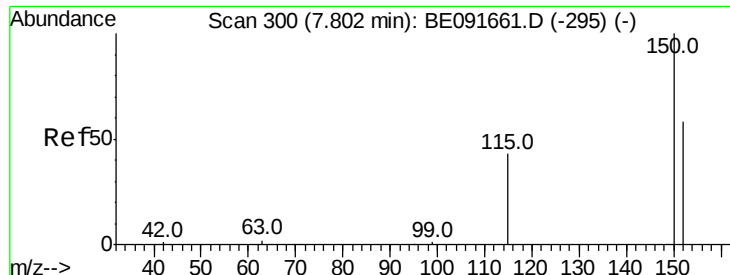
Instrument :
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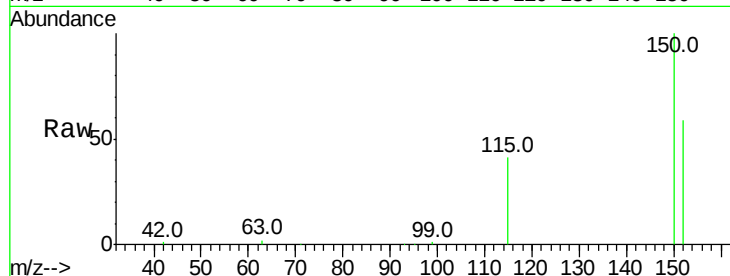




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

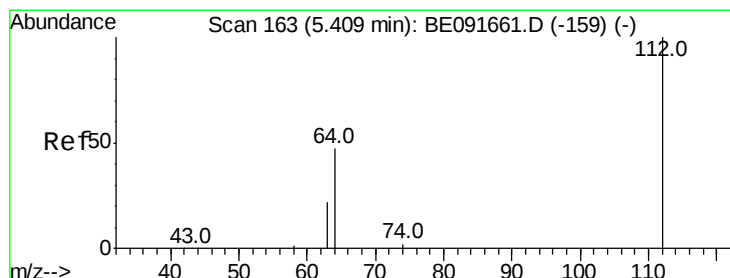
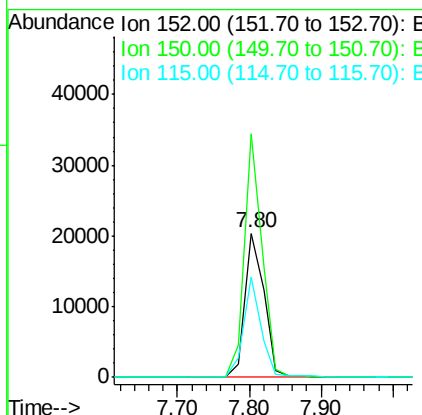
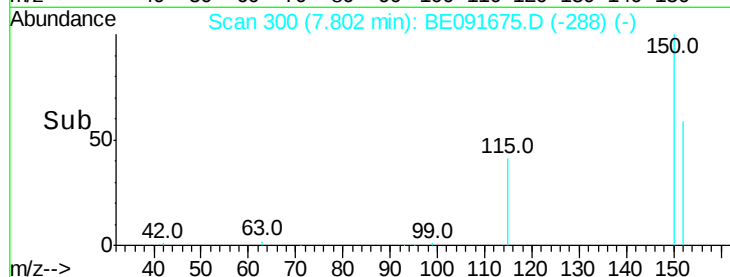
Instrument :
BNA_E
ClientSampleId :
BCR08



Tot Ion	Ratio	Lower	Upper
152	100		
150	169.2	122.6	183.8
115	69.8	52.8	79.2

Manual Integrations
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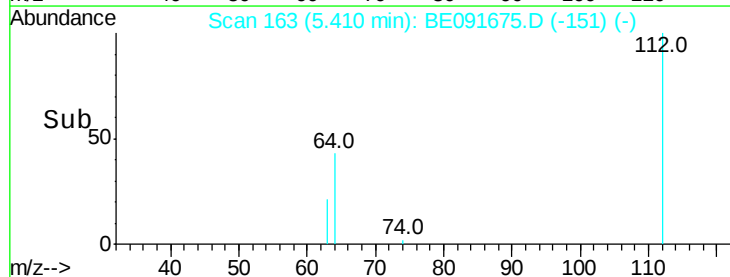
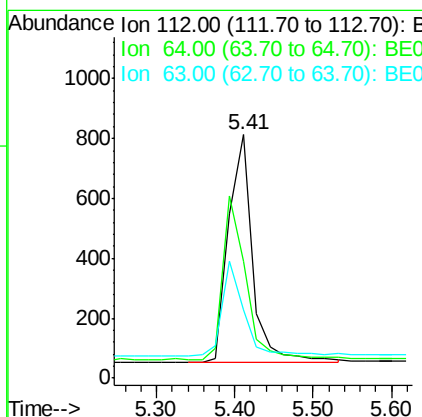
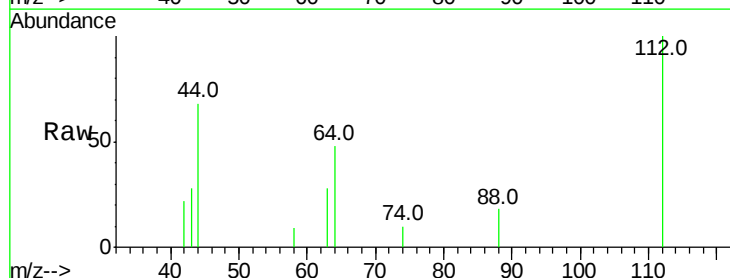
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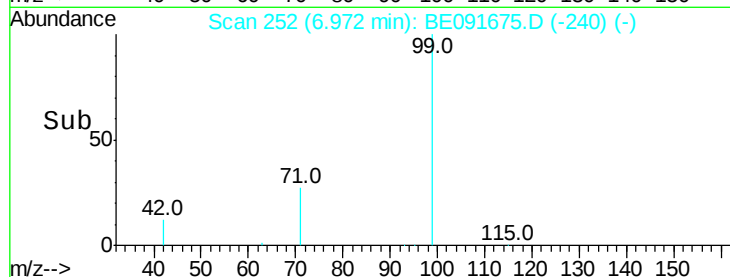
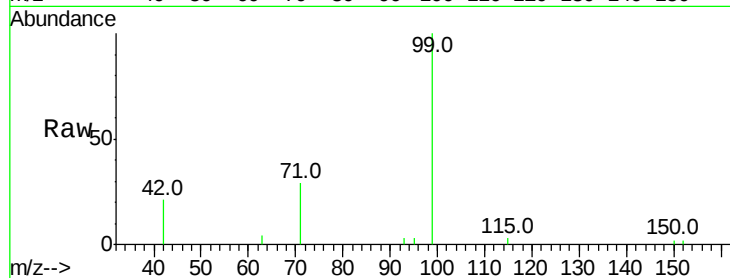
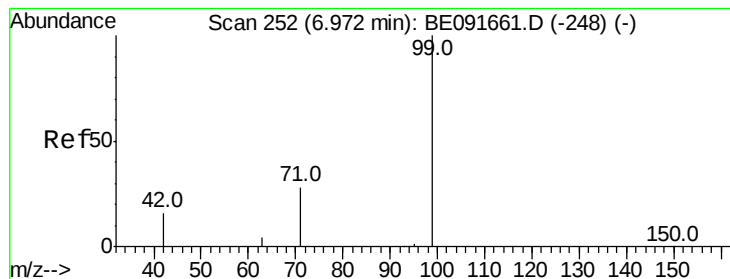


#4

2-Fluorophenol
Concen: 0.20 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	30.9	46.3#
63	37.6	16.7	25.1#





#5

Phenol-d6

Concen: 0.43 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091675.D

Acq: 18 Apr 2016 22:17

Tot Ion:	99	Resp:	4743
Ion	Ratio	Lower	Upper
99	100		
42	25.6	16.2	24.2#
71	36.2	29.0	43.4

Instrument :

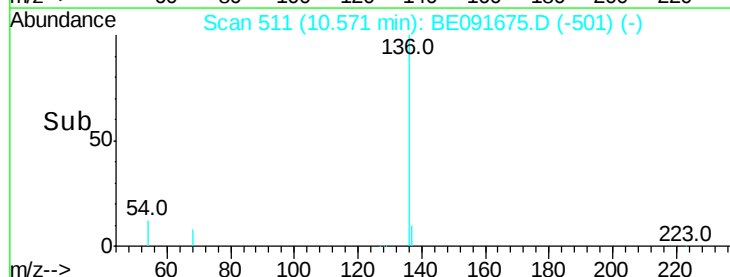
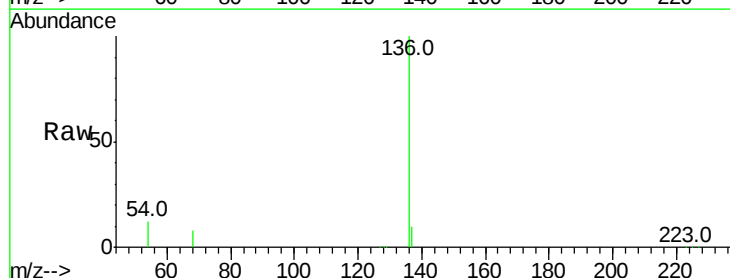
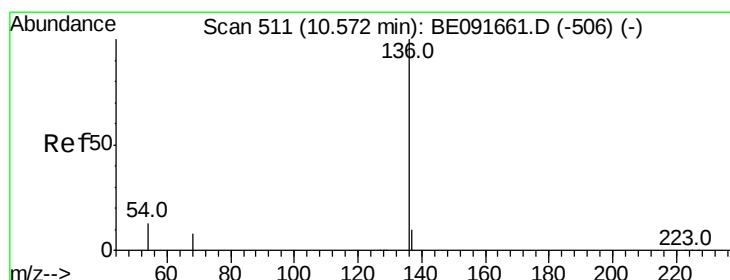
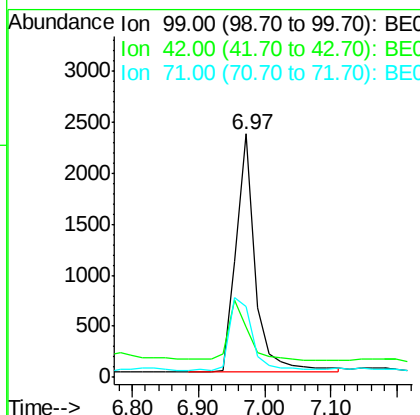
BNA_E

ClientSampleId :

BCR08

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#7

Naphthalene-d8

Concen: 5.00 ng

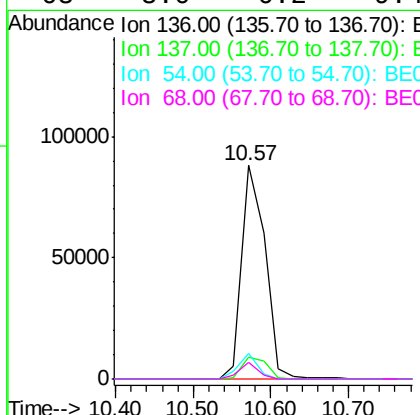
RT: 10.57 min Scan# 511

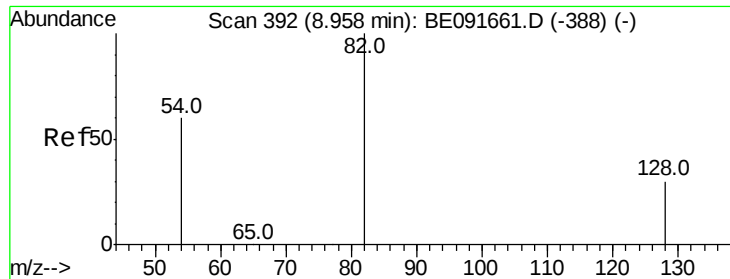
Delta R.T. -0.00 min

Lab File: BE091675.D

Acq: 18 Apr 2016 22:17

Tgt Ion:	136	Resp:	184321
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	11.9	8.2	12.4
68	8.0	6.2	9.4





#8

Nitrobenzene-d5

Concen: 3.37 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091675.D

Acq: 18 Apr 2016 22:17

Instrument :

BNA_E

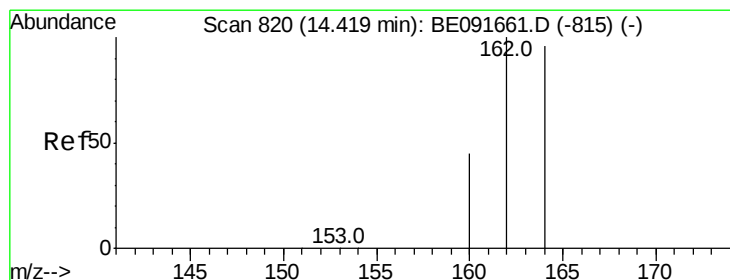
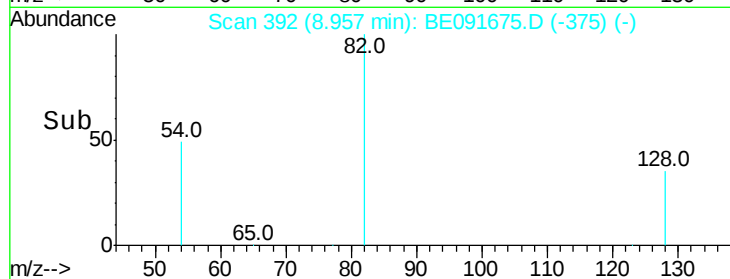
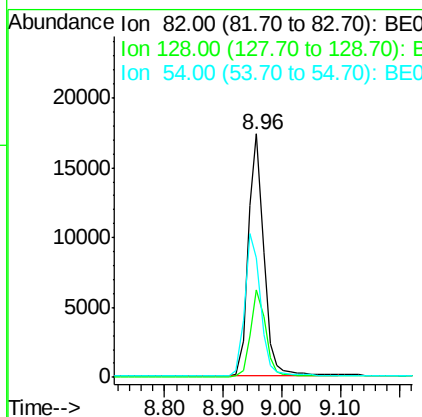
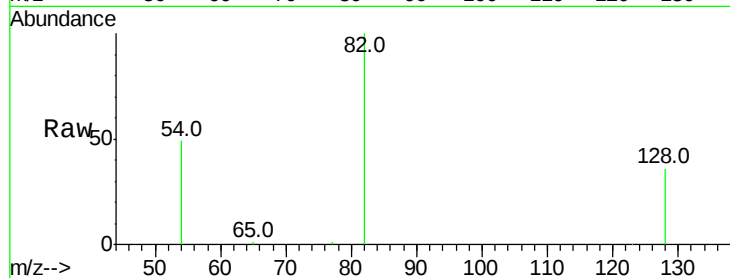
ClientSampleId :

BCR08

Tot Ion:	82	Resp:	31837
Ion Ratio	Lower	Upper	
82	100		
128	35.7	25.4	38.0
54	49.1	48.4	72.6

Manual Integrations
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#13

Acenaphthene-d10

Concen: 5.00 ng

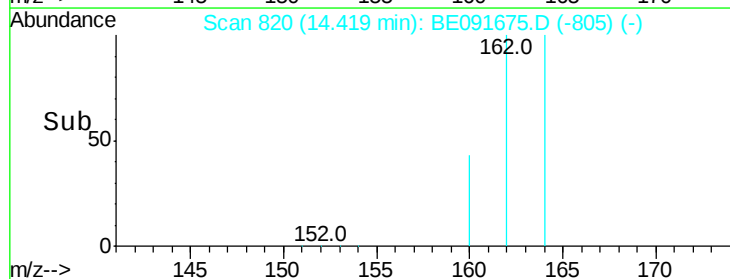
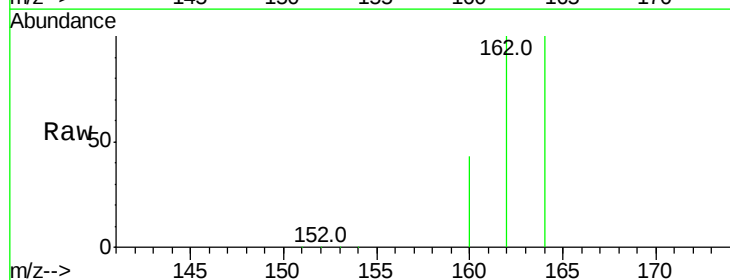
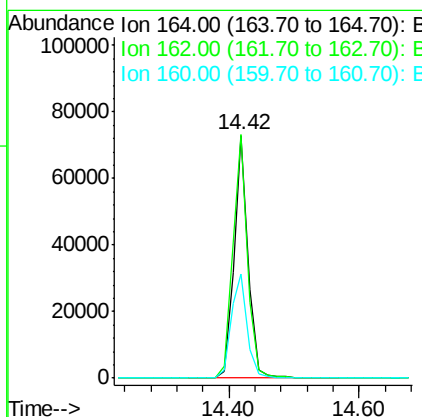
RT: 14.42 min Scan# 820

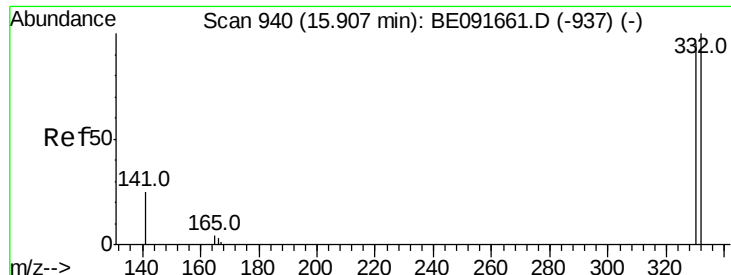
Delta R.T. 0.00 min

Lab File: BE091675.D

Acq: 18 Apr 2016 22:17

Tgt Ion:	164	Resp:	111660
Ion Ratio	Lower	Upper	
164	100		
162	100.4	85.3	127.9
160	42.8	46.2	69.2#





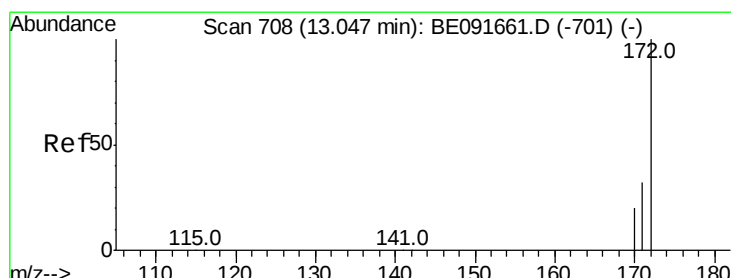
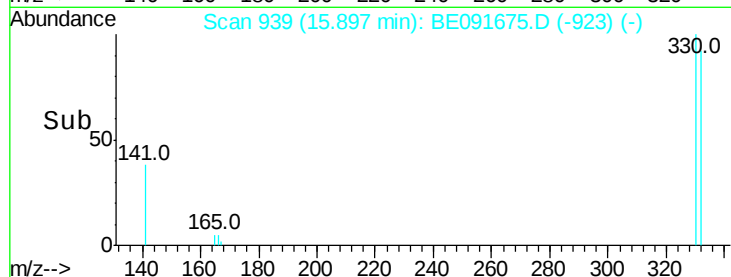
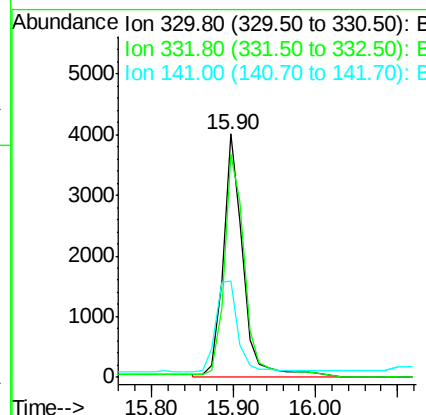
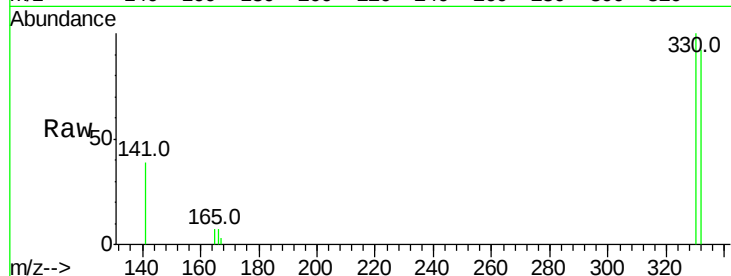
#14
 2,4,6-Tribromophenol
 Concen: 2.51 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091675.D
 Acq: 18 Apr 2016 22:17

Instrument :
 BNA_E
 ClientSampled :
 BCR08

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	42.1	125.4	188.0#

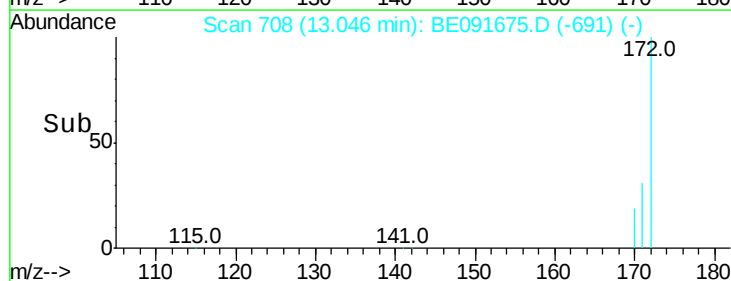
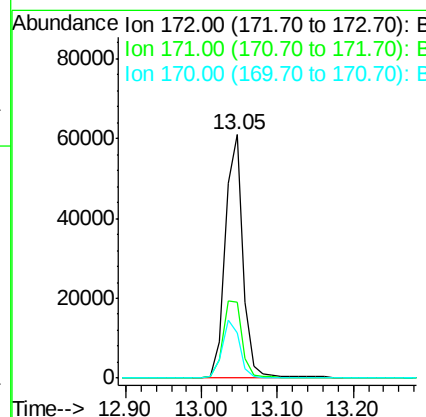
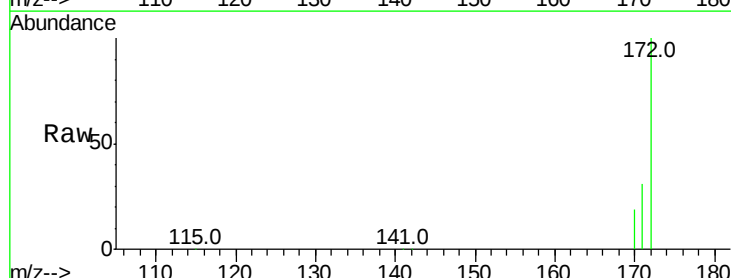
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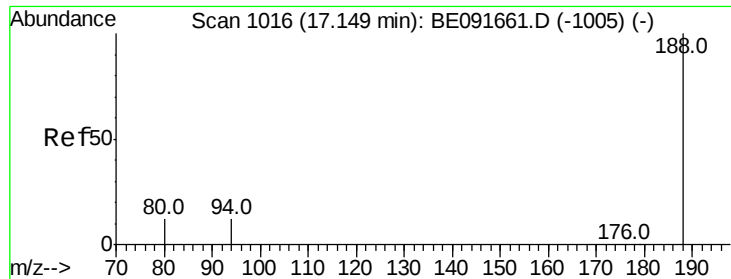
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#15
 2-Fluorobiphenyl
 Concen: 3.24 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091675.D
 Acq: 18 Apr 2016 22:17

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





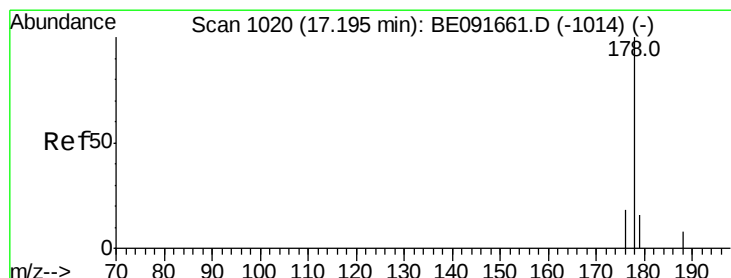
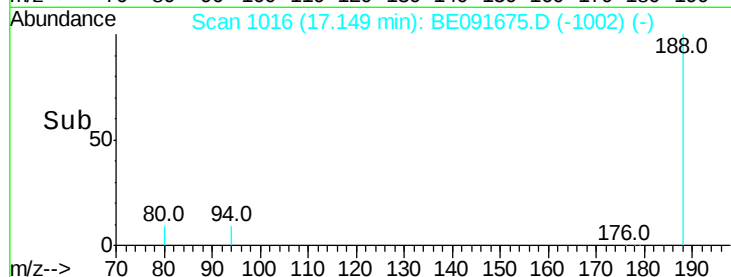
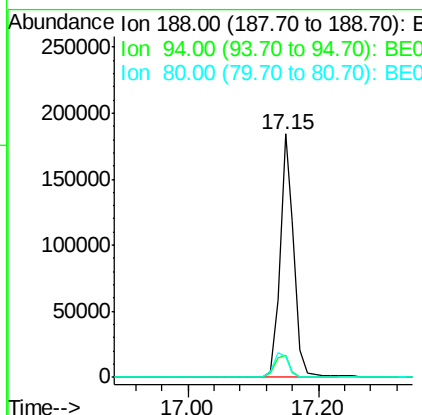
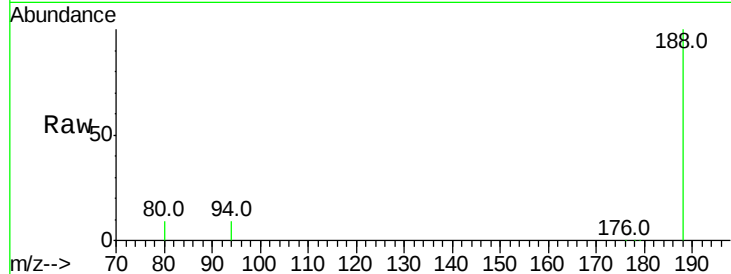
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampleId :
BCR08

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.7	13.1
80	8.7	9.4	14.0#

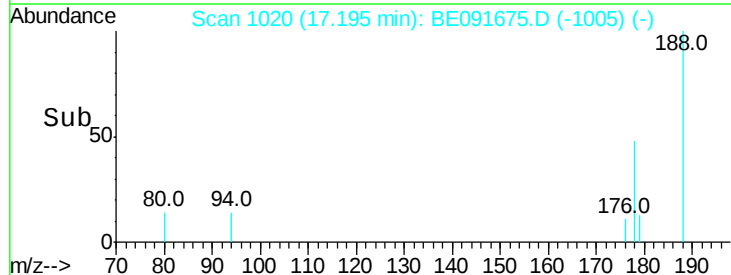
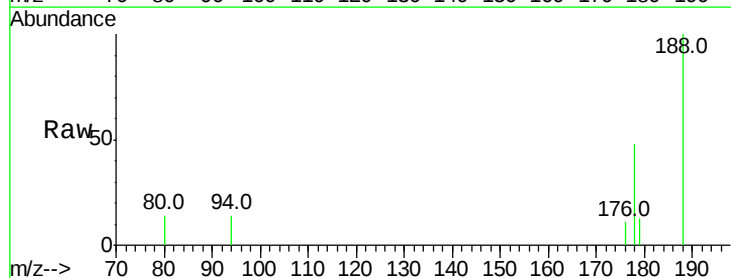
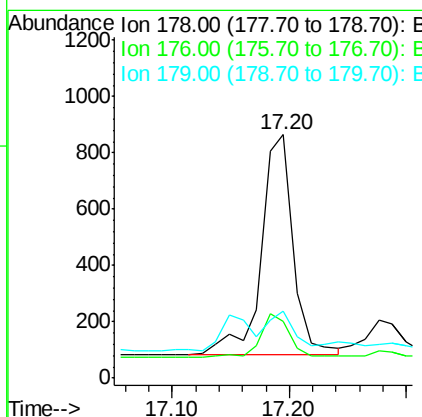
Manual Integrations
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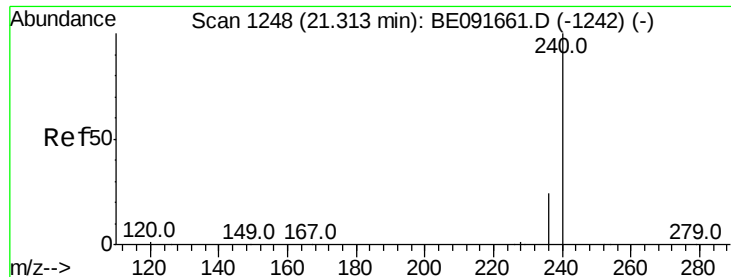
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#23
Phenanthrene
Concen: 0.02 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	15.9	15.3	22.9
179	0.0	12.6	18.8#





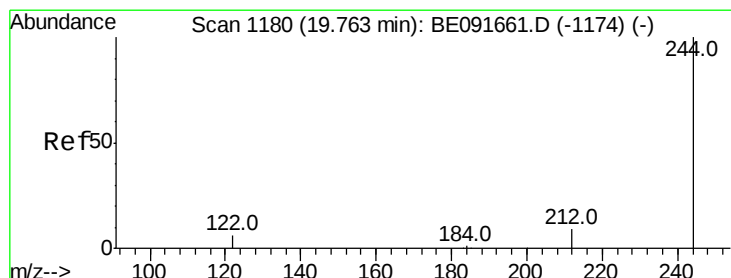
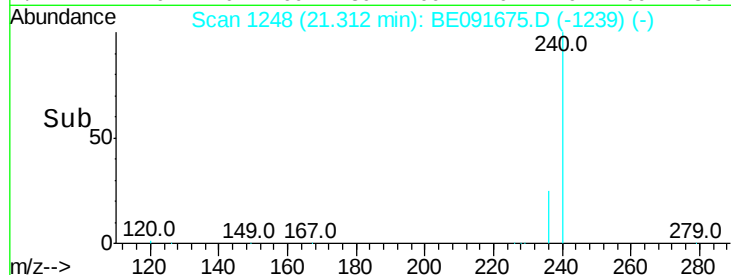
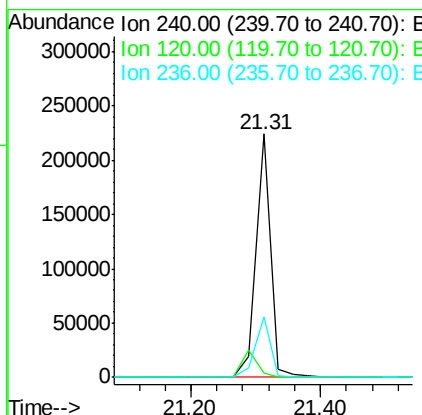
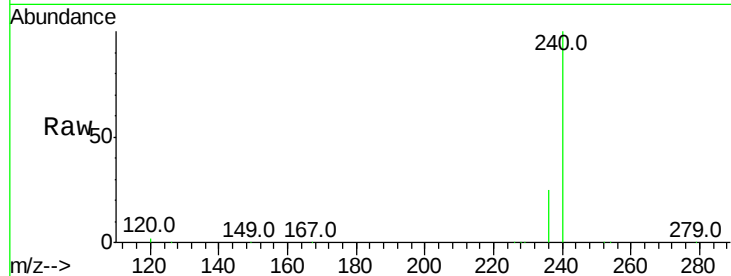
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 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE091675.D
 Acq: 18 Apr 2016 22:17

Instrument :
 BNA_E
 ClientSampleId :
 BCR08

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.6	11.0	16.4#
236	24.9	21.7	32.5

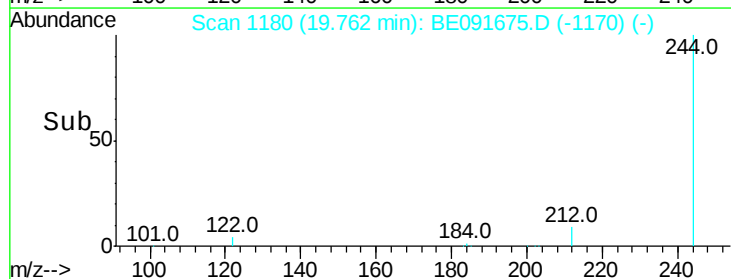
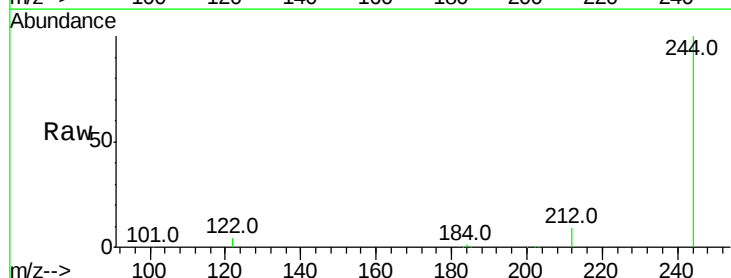
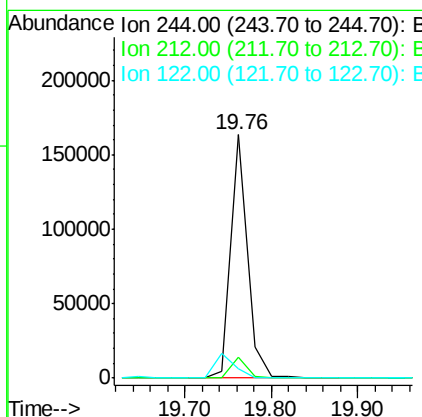
Manual Integrations
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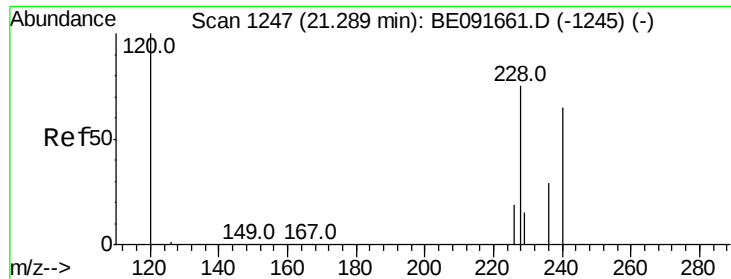
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#29
 Terphenyl-d14
 Concen: 4.57 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091675.D
 Acq: 18 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	3.6	11.0	16.4#





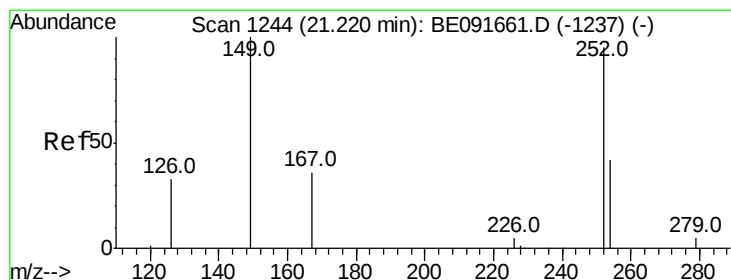
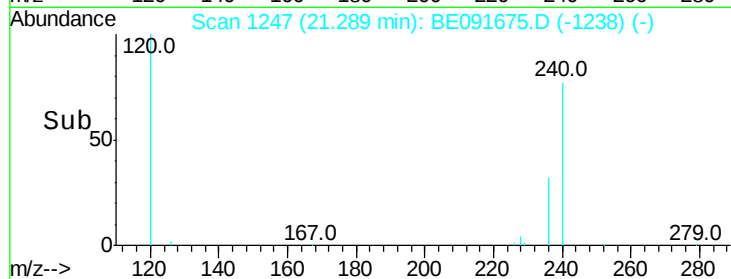
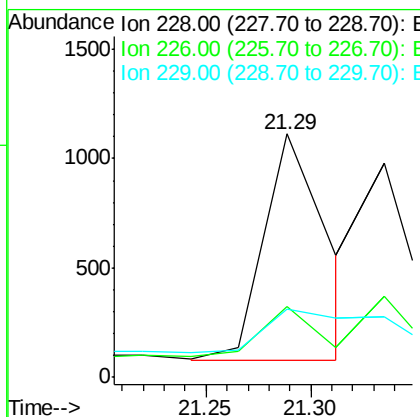
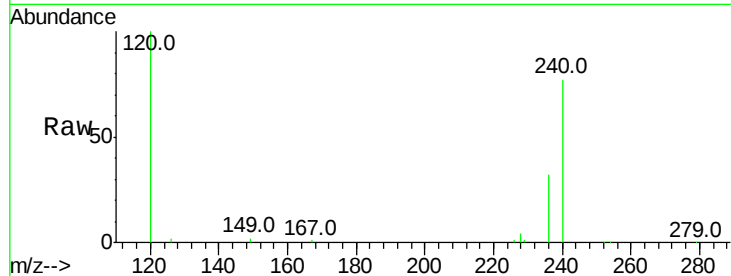
#30
Benzo(a)anthracene
Concen: 0.03 ng m
RT: 21.29 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Instrument :
BNA_E
ClientSampled :
BCR08

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	28.2	15.7	23.5#

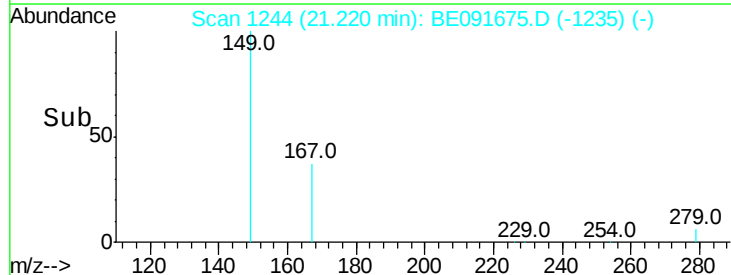
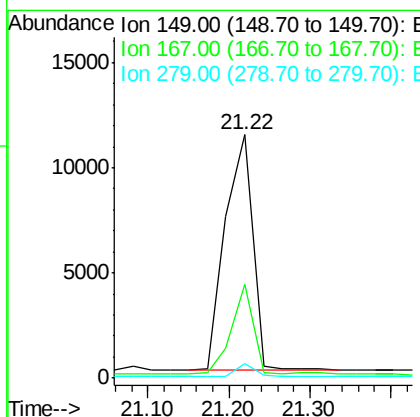
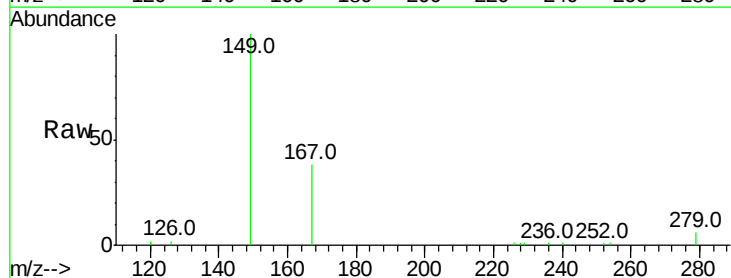
Manual Integrations
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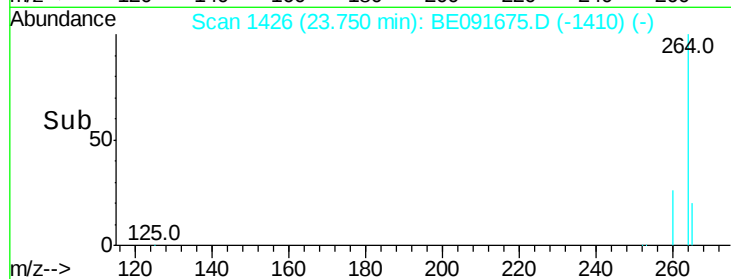
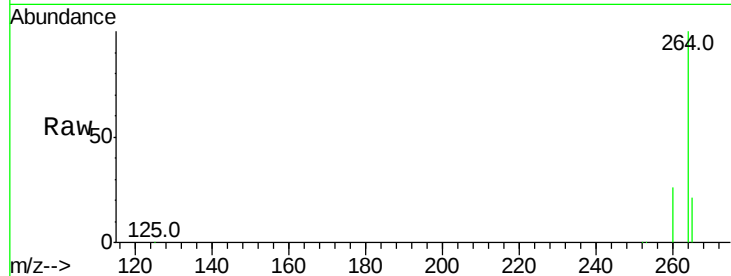
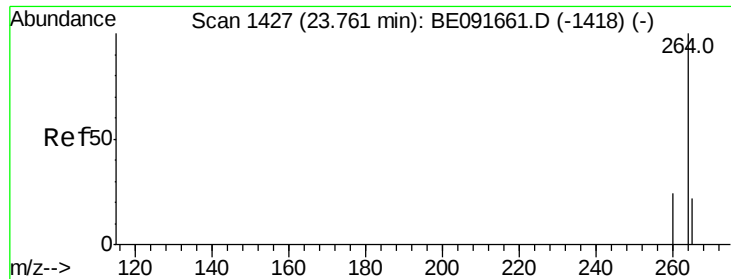
Sohil
4/19/2016 6:41:41 PM



#33
Bis(2-ethylhexyl)phthalate
Concen: 1.47 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE091675.D
Acq: 18 Apr 2016 22:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.5	29.3#
279	4.0	10.0	15.0#





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091675.D
 Acq: 18 Apr 2016 22:17

Instrument :
 BNA_E
 ClientSampleId :
 BCR08

Tot Ion:	264	Resp:	315297
Ion Ratio	Lower	Upper	
264	100		
260	25.9	20.0	30.0
265	20.6	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:41:41 PM

