

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091673.D
 Acq On : 18 Apr 2016 20:59
 Operator : UM/SJ
 Sample : H2563-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR06

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:41:03 PM

Quant Time: Apr 19 12:26:25 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	37782	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	187812	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	113439	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	275659	5.00	ng	0.00
26) Chrysene-d12	21.31	240	336315	5.00	ng	0.00
35) Perylene-d12	23.75	264	304598	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	18503	2.25	ng	0.00
5) Phenol-d6	6.97	99	15561	1.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	31698	3.29	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	25729	7.84	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	102465	3.24	ng	0.00
29) Terphenyl-d14	19.76	244	211119	4.61	ng	0.00
Target Compounds						
10) Naphthalene	10.63	128	1000	0.03	ng	# 79
23) Phenanthrene	17.20	178	1626	0.03	ng	# 82
30) Benzo(a)anthracene	21.29	228	1616m	0.02	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	3395	0.37	ng	# 92

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

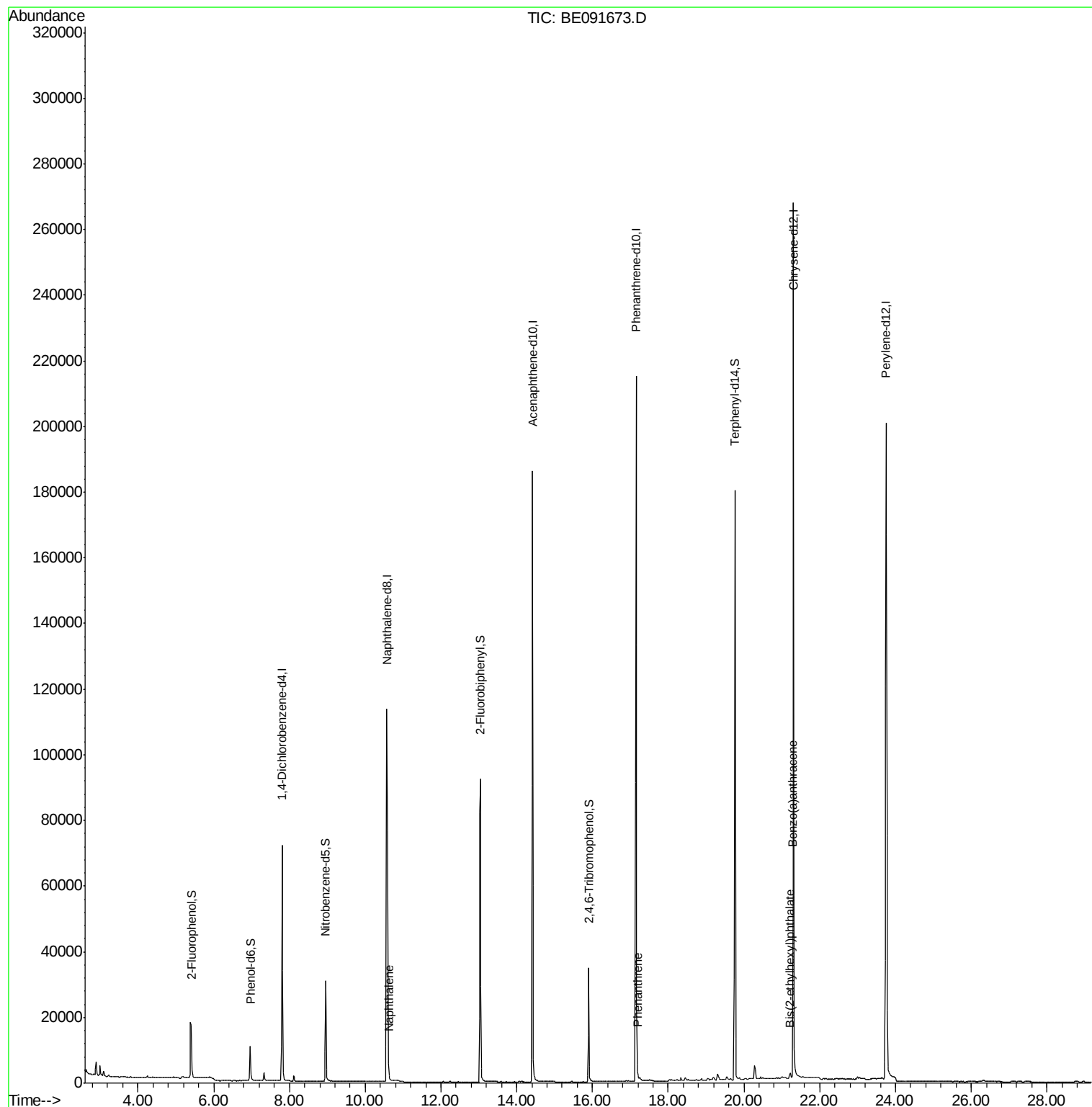
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091673.D
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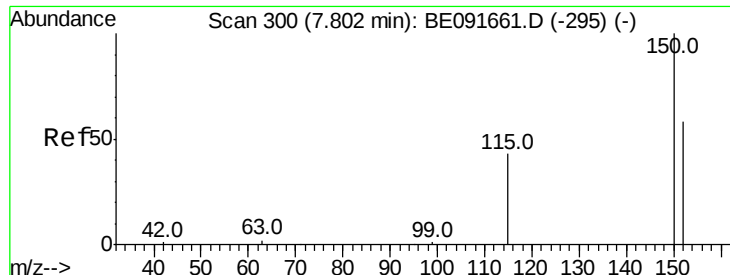
Instrument :
BNA_E
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QLast Update : Mon Apr 18 17:20:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

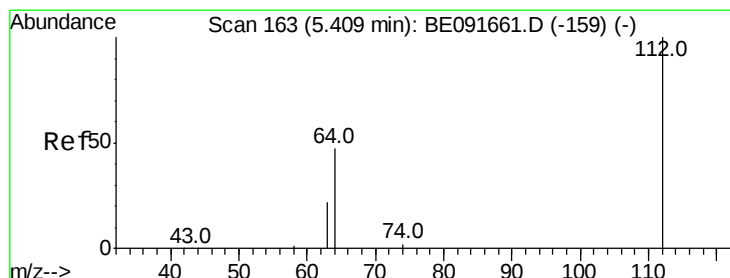
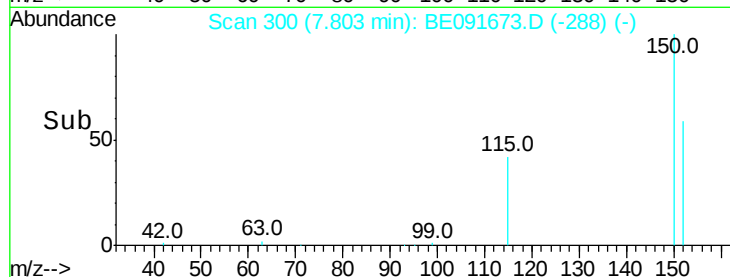
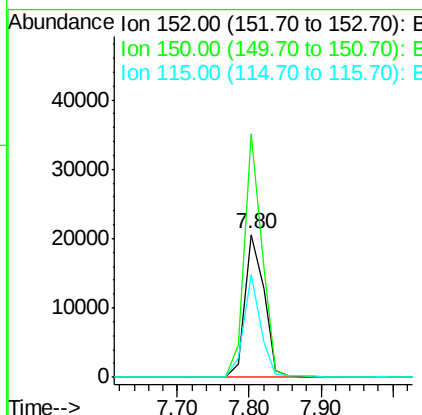
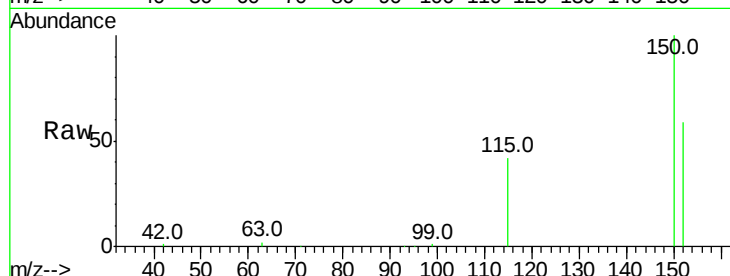
ClientSampleId :

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Tot Ion:	152	Resp:	37782
Ion	Ratio	Lower	Upper
152	100		
150	170.6	122.6	183.8
115	72.4	52.8	79.2



#4

2-Fluorophenol

Concen: 2.25 ng

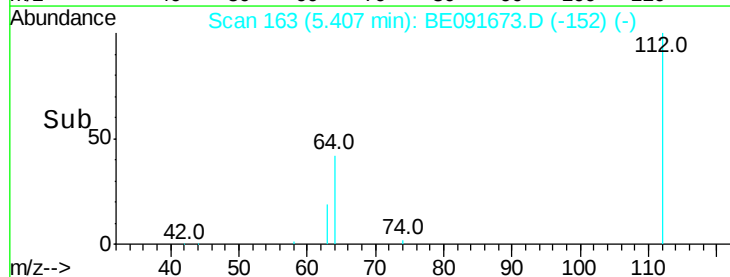
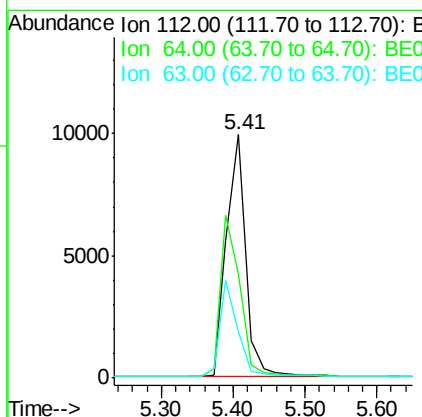
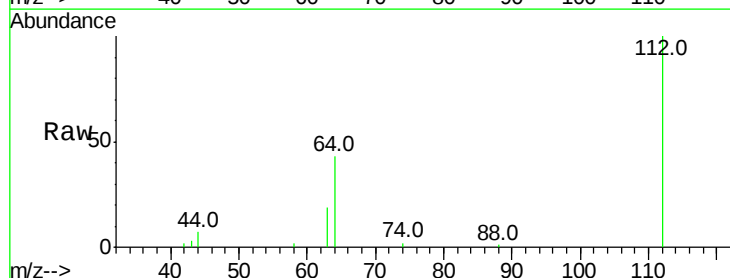
RT: 5.41 min Scan# 163

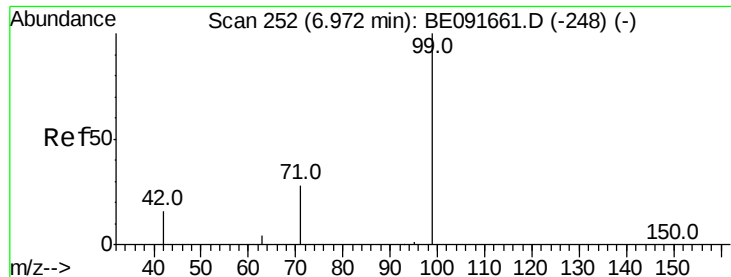
Delta R.T. -0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	112	Resp:	18503
Ion	Ratio	Lower	Upper
112	100		
64	67.8	30.9	46.3#
63	36.9	16.7	25.1#





#5

Phenol-d6

Concen: 1.40 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

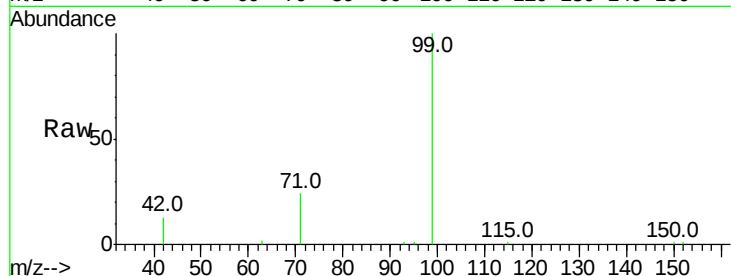
ClientSampleId :

BCR06

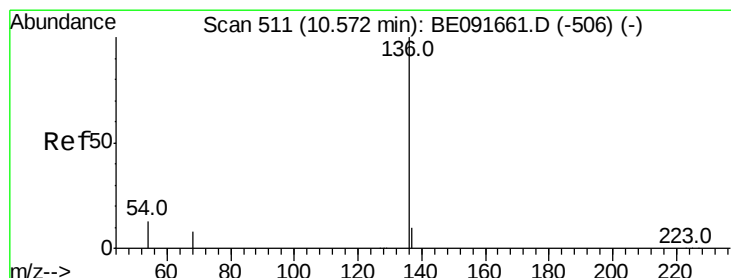
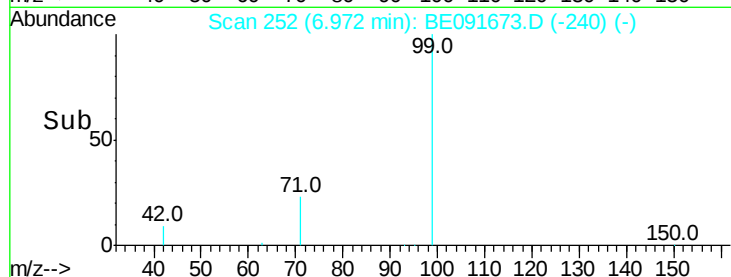
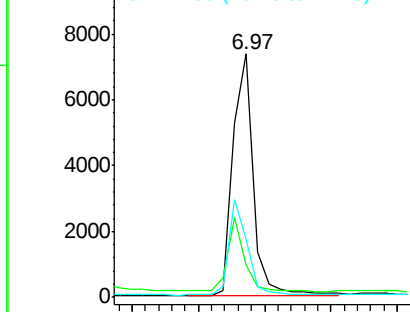
Tot Ion:	99	Resp:	15561
Ion Ratio	Lower	Upper	
99	100		
42	24.5	16.2	24.2#
71	36.2	29.0	43.4

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

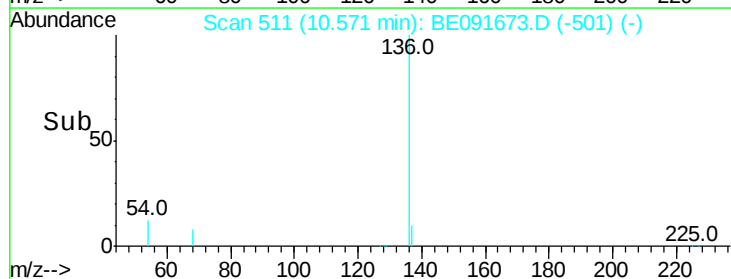
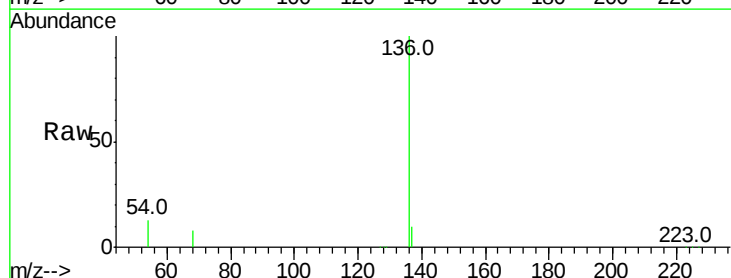
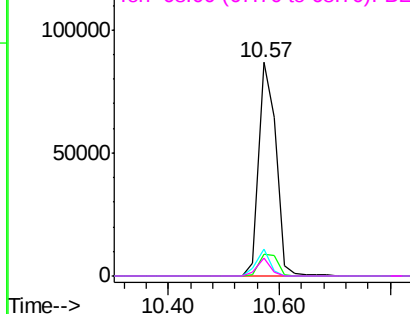
Delta R.T. -0.00 min

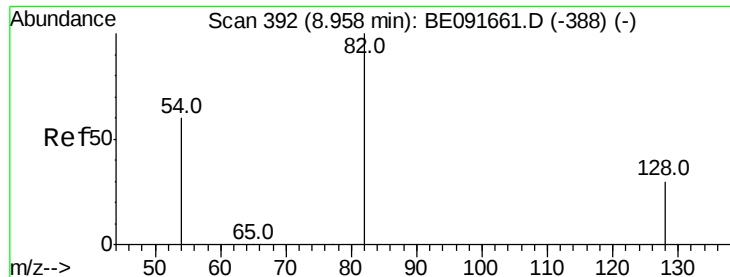
Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	136	Resp:	187812
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.9	13.3
54	12.5	8.2	12.4#
68	8.3	6.2	9.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 3.29 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

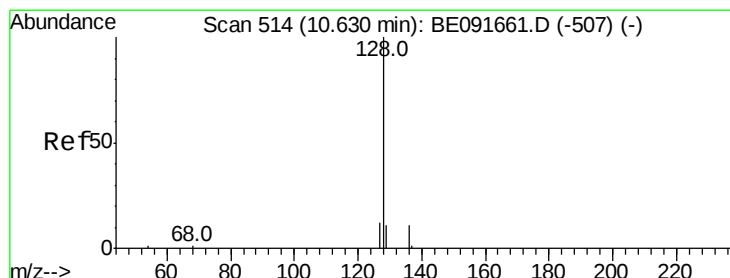
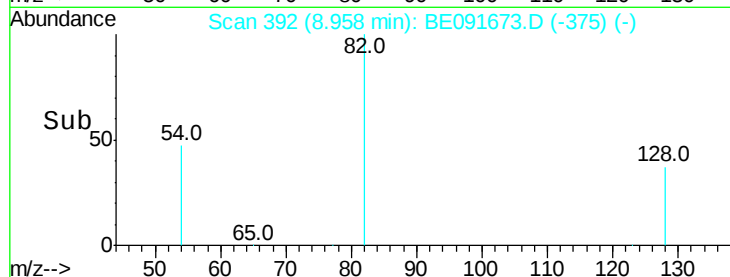
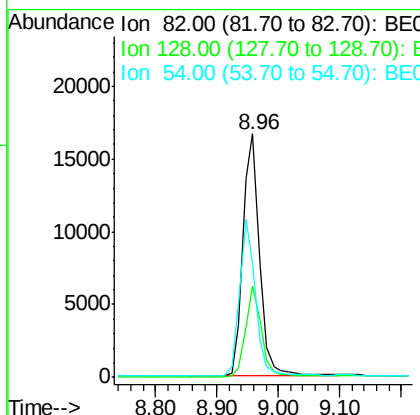
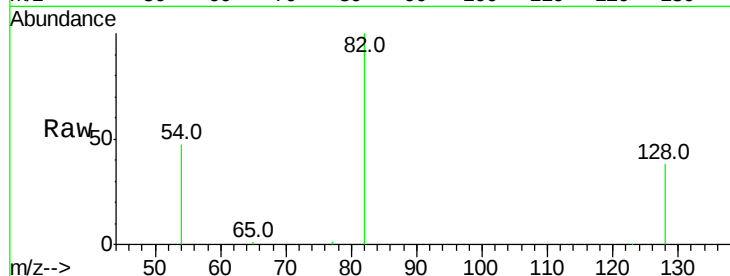
ClientSampled :

BCR06

Tot Ion:	82	Resp:	31698
Ion Ratio	Lower	Upper	
82	100		
128	37.5	25.4	38.0
54	47.0	48.4	72.6#

Manual Integrations
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#10

Naphthalene

Concen: 0.03 ng

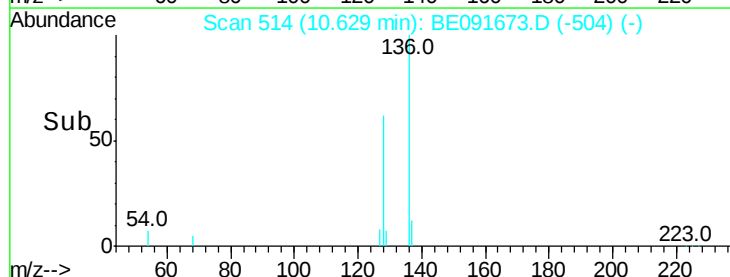
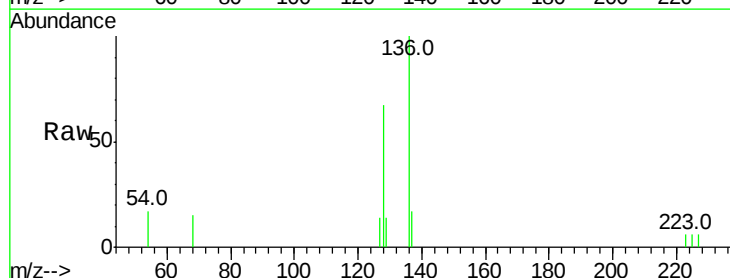
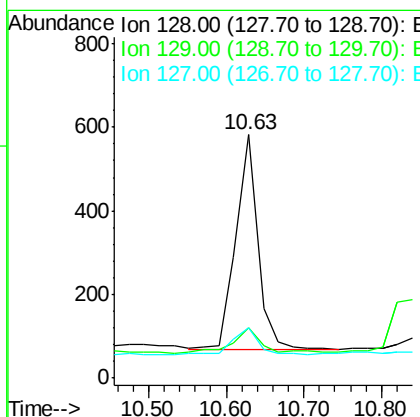
RT: 10.63 min Scan# 514

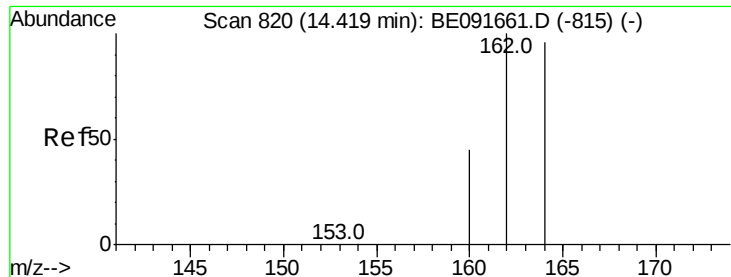
Delta R.T. -0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	128	Resp:	1000
Ion Ratio	Lower	Upper	
128	100		
129	20.8	9.3	13.9#
127	20.8	10.7	16.1#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

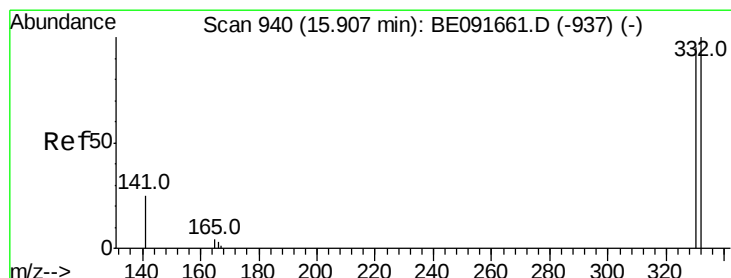
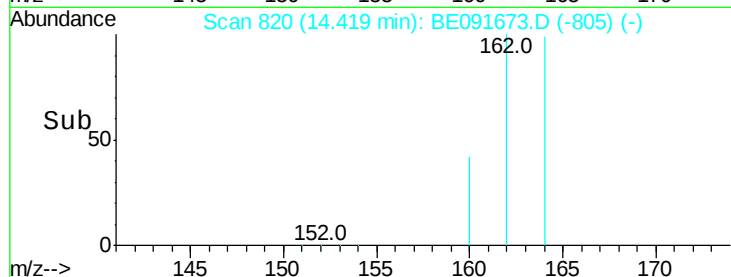
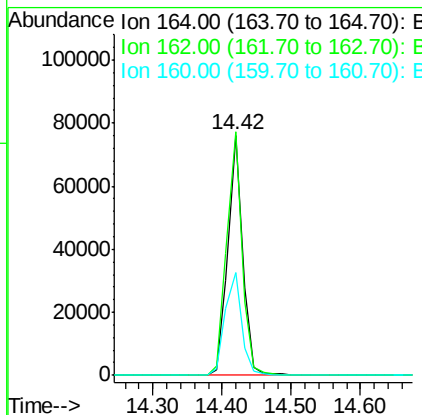
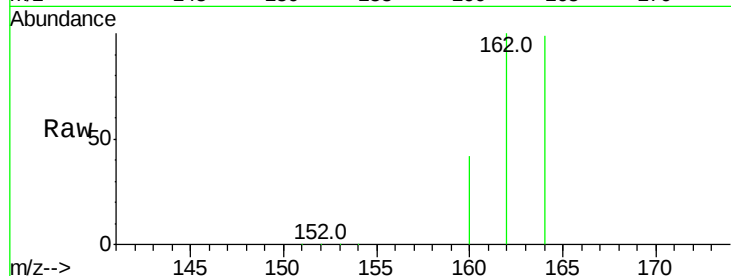
ClientSampled :

BCR06

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Tot Ion:	164	Resp:	113439
Ion Ratio	Lower	Upper	
164	100		
162	101.5	85.3	127.9
160	42.7	46.2	69.2#



#14

2,4,6-Tribromophenol

Concen: 7.84 ng

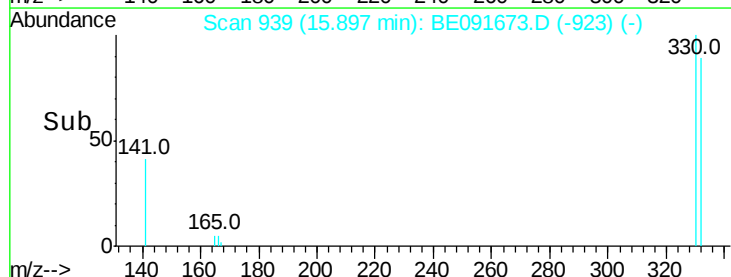
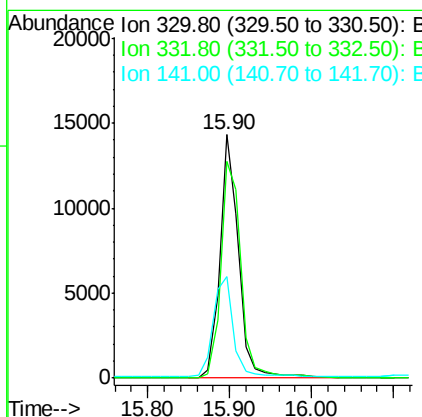
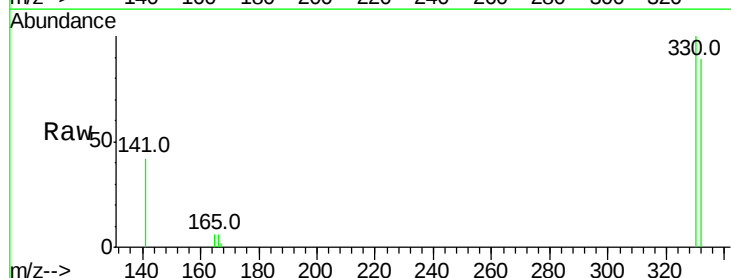
RT: 15.90 min Scan# 939

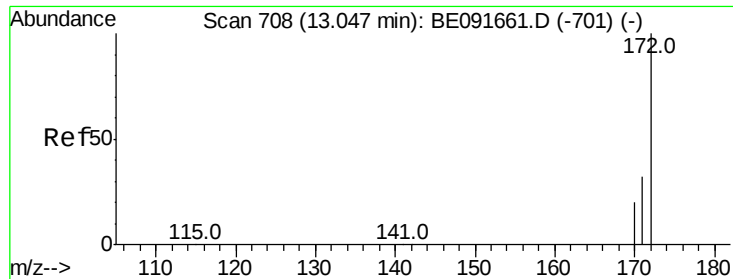
Delta R.T. -0.01 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	330	Resp:	25729
Ion Ratio	Lower	Upper	
330	100		
332	96.6	79.1	118.7
141	44.0	125.4	188.0#





#15

2-Fluorobiphenyl

Concen: 3.24 ng

RT: 13.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

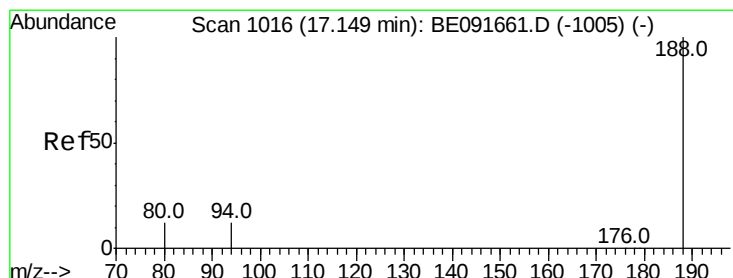
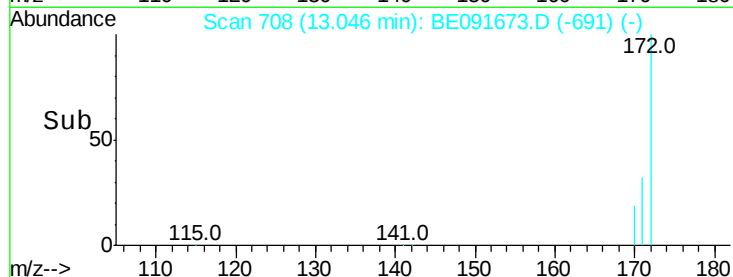
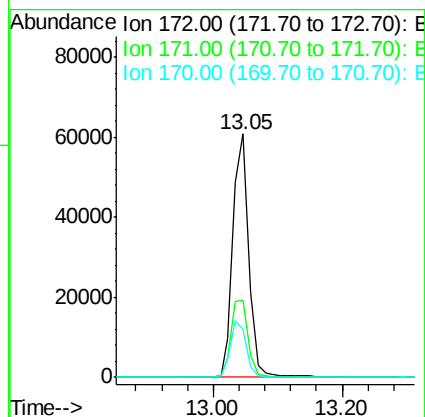
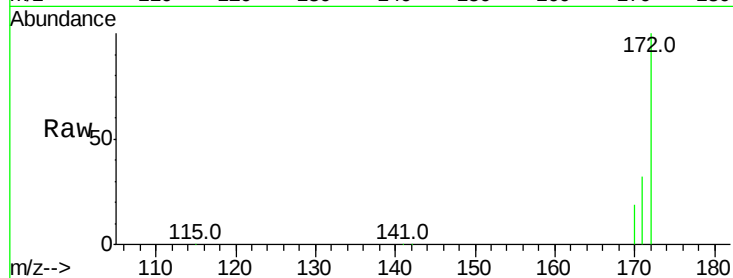
ClientSampleId :

BCR06

Tot Ion:	172	Resp:	102465
Ion Ratio	Lower	Upper	
172	100		
171	32.0	28.8	43.2
170	19.4	19.3	28.9

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#19

Phenanthrene-d10

Concen: 5.00 ng

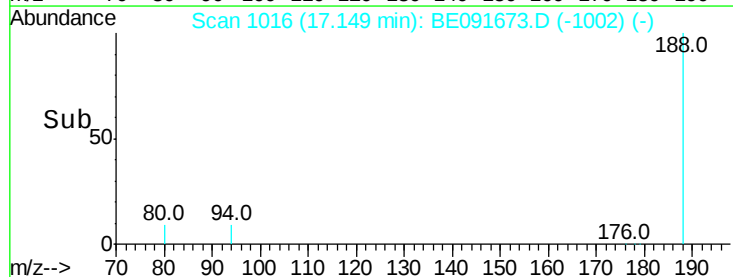
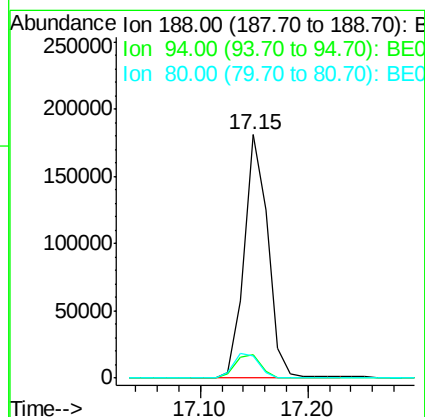
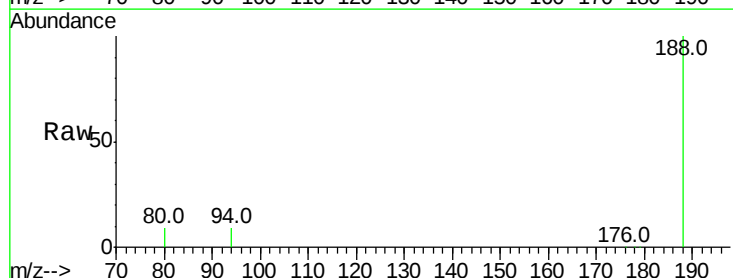
RT: 17.15 min Scan# 1016

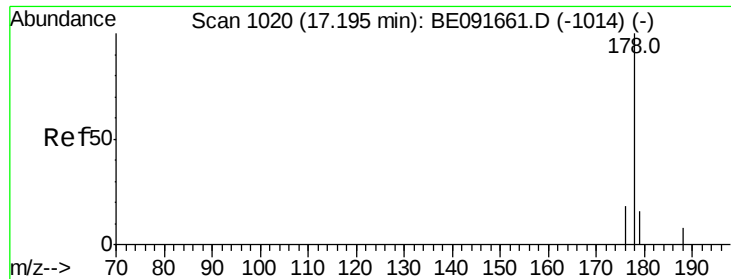
Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	188	Resp:	275659
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.7	13.1
80	9.2	9.4	14.0#





#23

Phenanthrene

Concen: 0.03 ng

RT: 17.20 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

ClientSampleId :

BCR06

Tot Ion:178 Resp: 1626

Ion Ratio Lower Upper

178 100

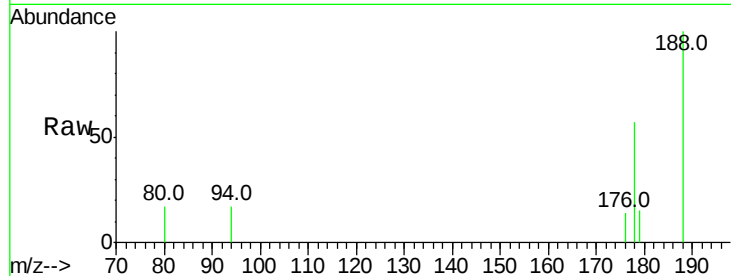
176 18.2 15.3 22.9

179 0.0 12.6 18.8#

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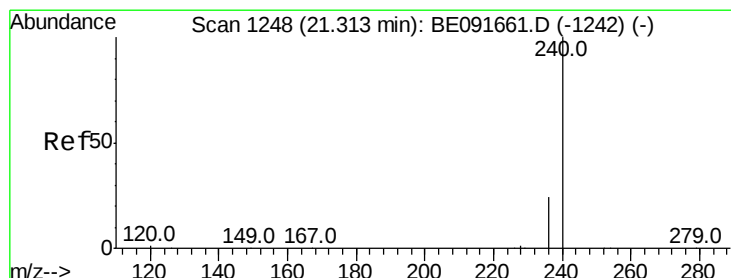
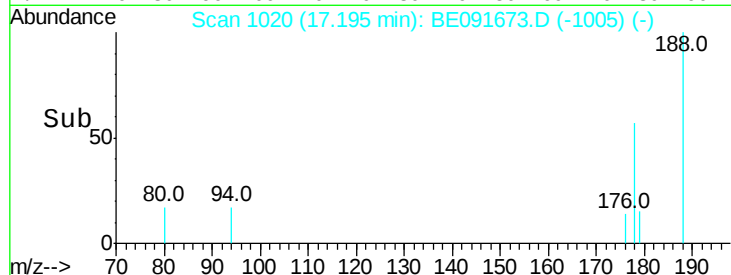
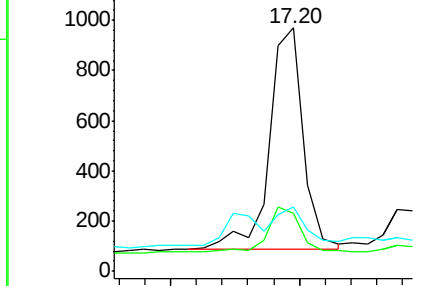
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Abundance Ion 178.00 (177.70 to 178.70): E

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: 21.31 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:240 Resp: 336315

Ion Ratio Lower Upper

240 100

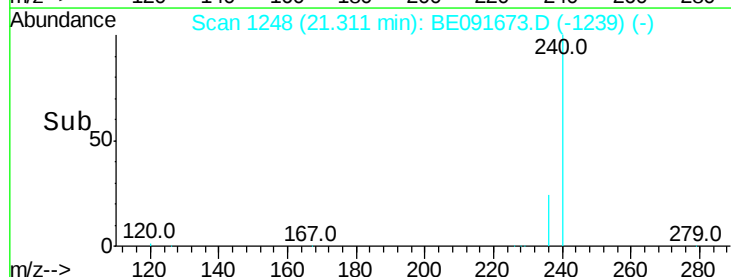
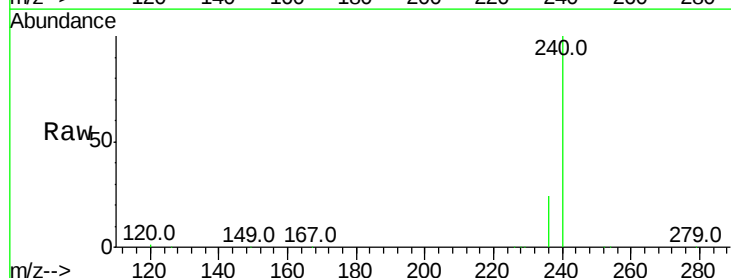
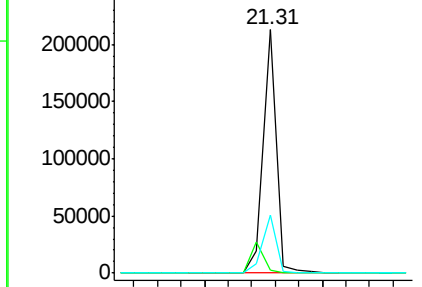
120 1.3 11.0 16.4#

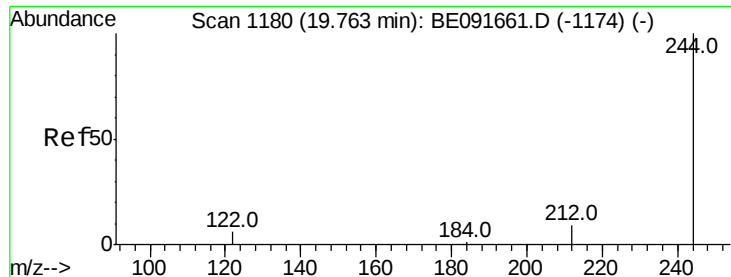
236 23.8 21.7 32.5

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





#29

Terphenyl-d14

Concen: 4.61 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Instrument :

BNA_E

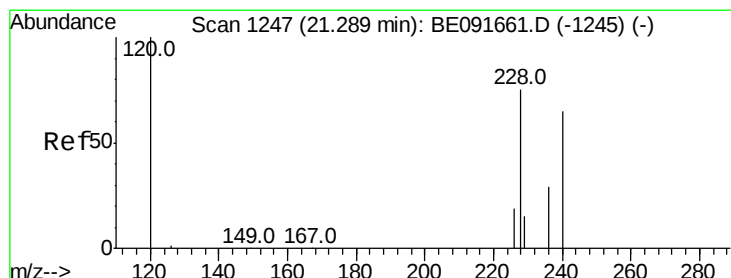
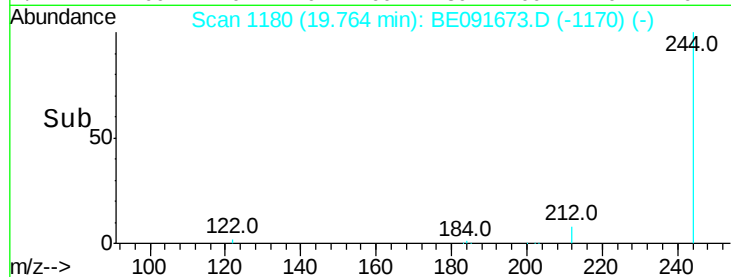
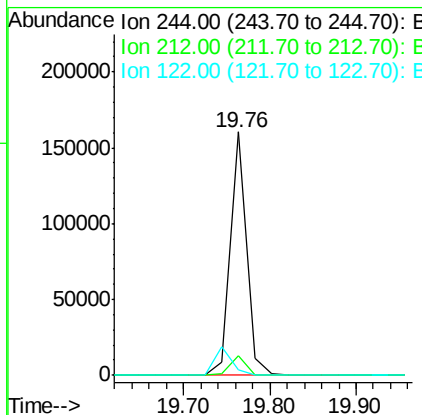
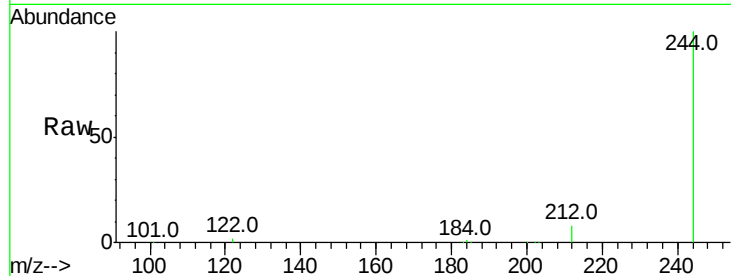
ClientSampleId :

BCR06

Tot Ion:	244	Resp:	211119
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.9	10.3
122	2.4	11.0	16.4

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#30

Benzo(a)anthracene

Concen: 0.02 ng m

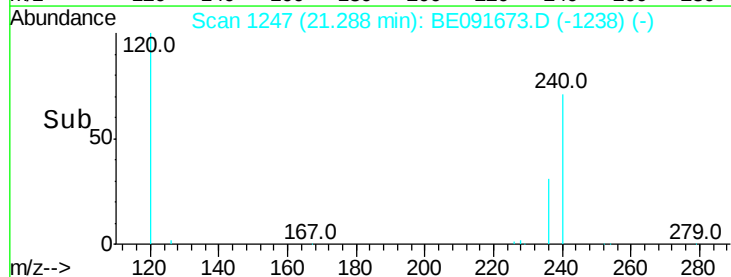
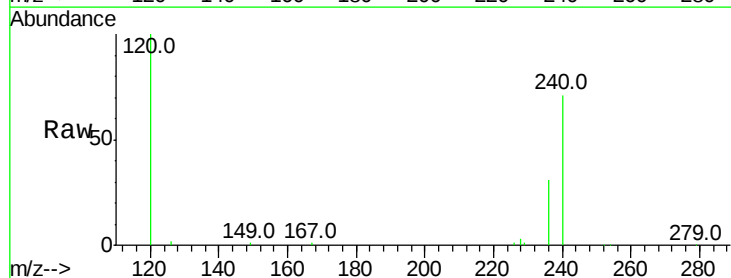
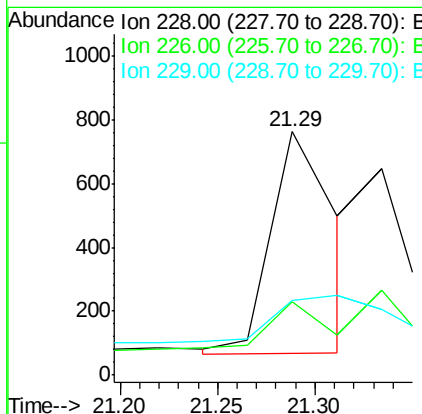
RT: 21.29 min Scan# 1247

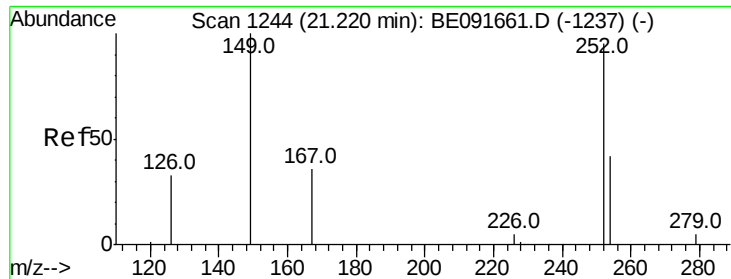
Delta R.T. -0.00 min

Lab File: BE091673.D

Acq: 18 Apr 2016 20:59

Tgt Ion:	228	Resp:	1616
Ion Ratio	Lower	Upper	
228	100		
226	30.0	21.0	31.4
229	30.5	15.7	23.5





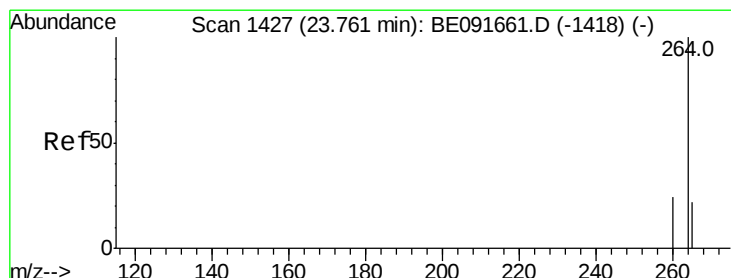
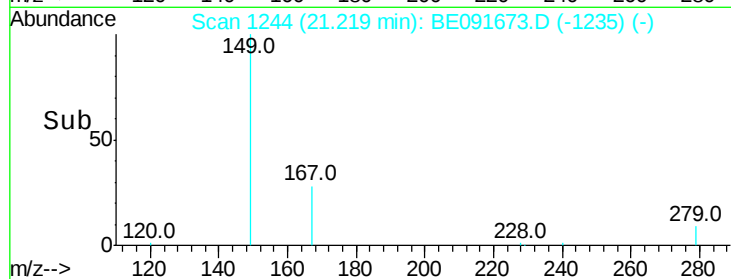
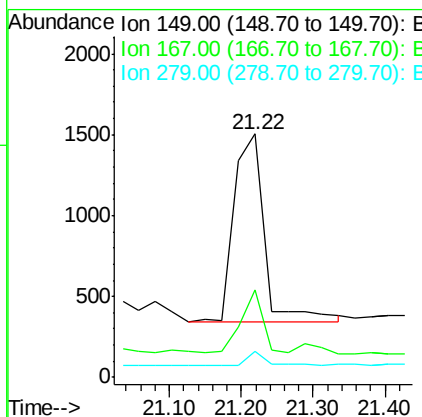
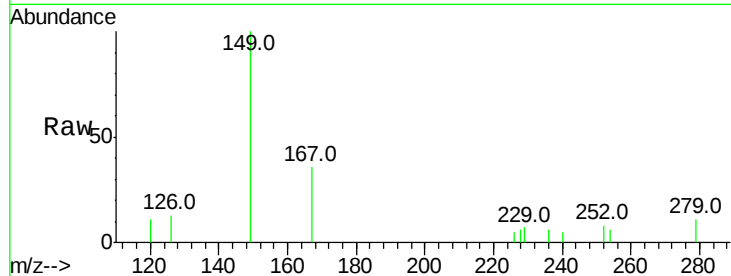
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.37 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE091673.D
 Acq: 18 Apr 2016 20:59

Instrument :
 BNA_E
 ClientSampleId :
 BCR06

Tot Ion	Ratio	Resp	Lower	Upper
149	100	3395		
167	23.4		19.5	29.3
279	5.2		10.0	15.0

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:41:03 PM



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BE091673.D
 Acq: 18 Apr 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	304598		
260	25.6		20.0	30.0
265	21.1		17.5	26.3

