

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092697.D
 Acq On : 31 Jan 2017 21:29
 Operator : SJ/MA
 Sample : I1505-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01B

Manual Integrations
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Quant Time: Feb 01 03:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10620	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	50179	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	33190	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	75475	5.00	ng	0.00
24) Chrysene-d12	21.72	240	76026	5.00	ng	0.00
31) Perylene-d12	24.07	264	79351	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	13767	5.81	ng	-0.01
5) Phenol-d6	7.31	99	11316	3.89	ng	-0.02
8) Nitrobenzene-d5	9.29	82	16250	4.99	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	9668	9.84	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	41297	5.06	ng	-0.02
26) Terphenyl-d14	20.14	244	67674	6.30	ng	-0.02
Target Compounds						
9) Naphthalene	10.95	128	389264	37.15	ng	Qvalue # 95
11) 2-Methylnaphthalene	12.59	142	40191m	6.18	ng	
15) Acenaphthylene	14.49	152	12834	0.28	ng	# 92
16) Acenaphthene	14.85	154	32326	4.41	ng	96
17) Fluorene	15.83	166	22630	2.46	ng	99
21) Phenanthrene	17.58	178	40818	2.45	ng	95
22) Anthracene	17.67	178	3935m	0.26	ng	
23) Fluoranthene	19.58	202	31214	0.42	ng	100
25) Pyrene	19.93	202	23128	0.31	ng	# 93
27) Benzo(a)anthracene	21.70	228	2364m	0.03	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	2297	0.36	ng	# 70

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

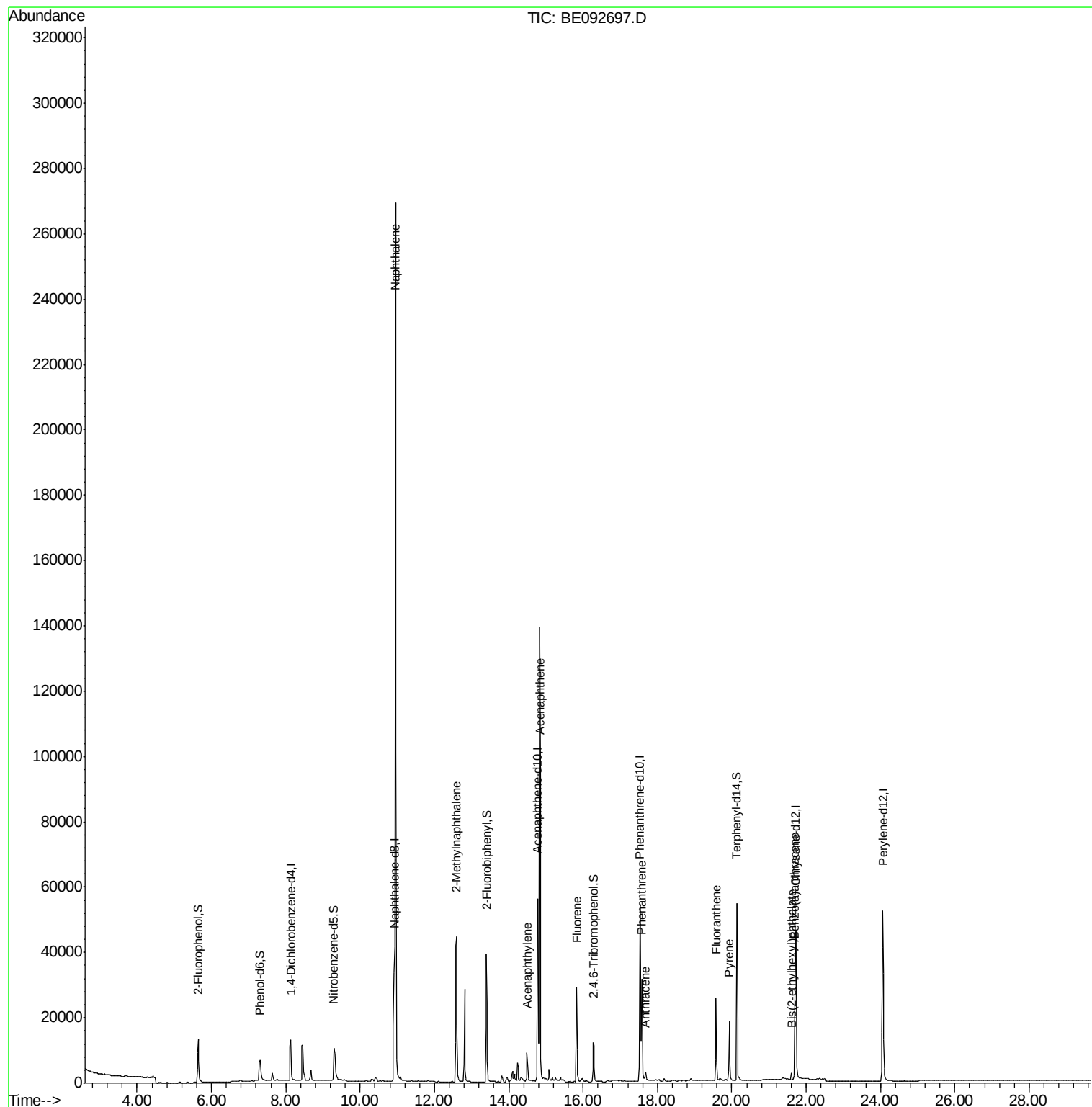
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
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Sample : I1505-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

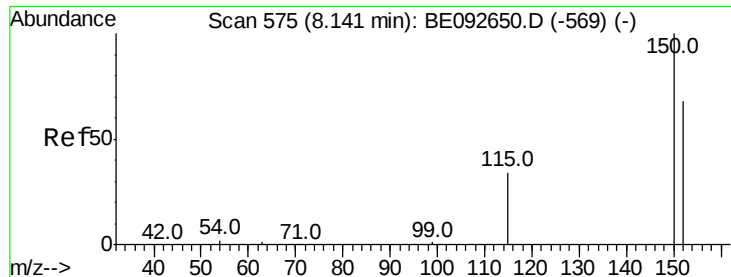
Instrument :
BNA_E
ClientSampleId :
SB-01B

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Quant Time: Feb 01 03:02:11 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

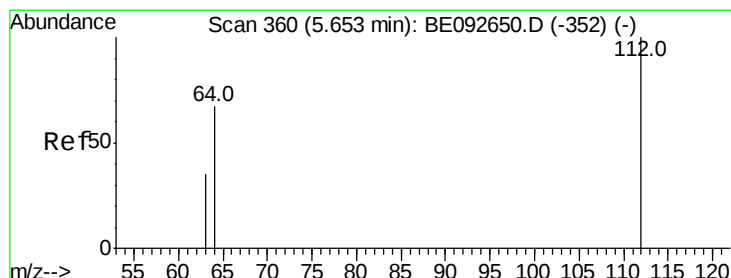
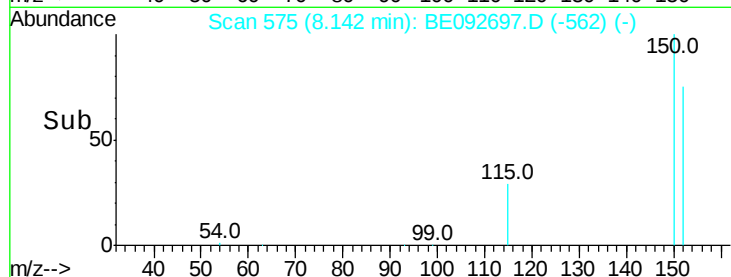
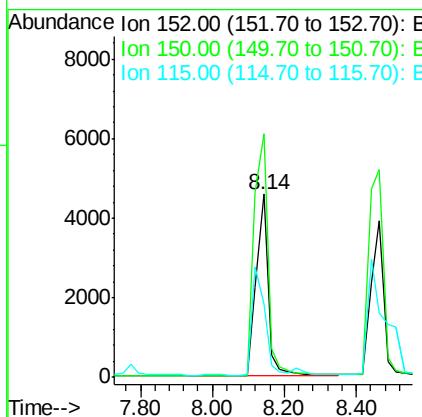
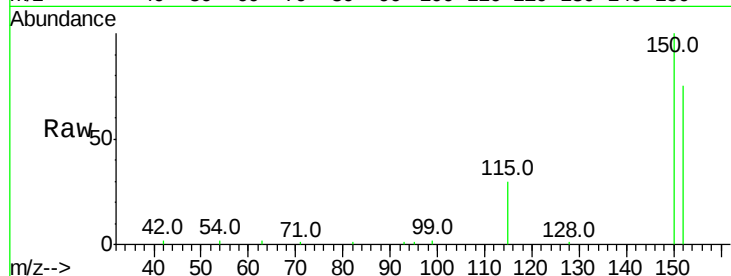
ClientSampleId :

SB-01B

Tot Ion:	152	Resp:	10620
Ion	Ratio	Lower	Upper
152	100		
150	132.9	106.0	159.0
115	39.7	31.2	46.8

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#4

2-Fluorophenol

Concen: 5.81 ng

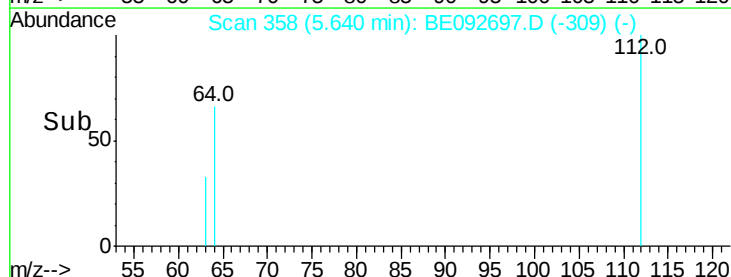
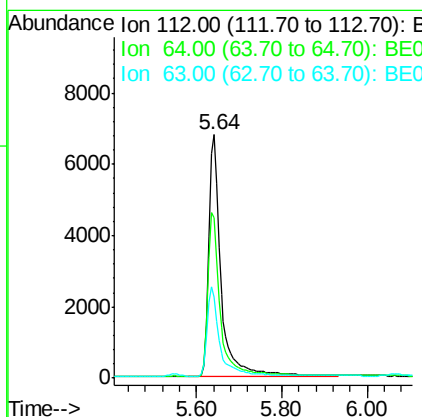
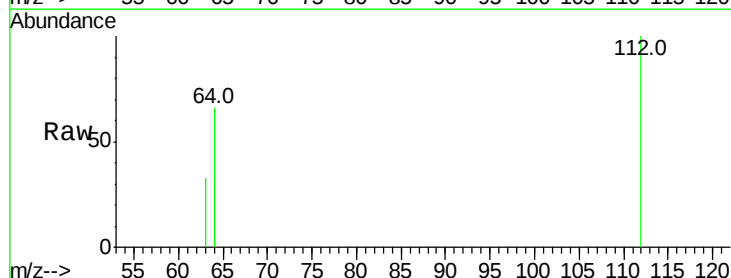
RT: 5.64 min Scan# 358

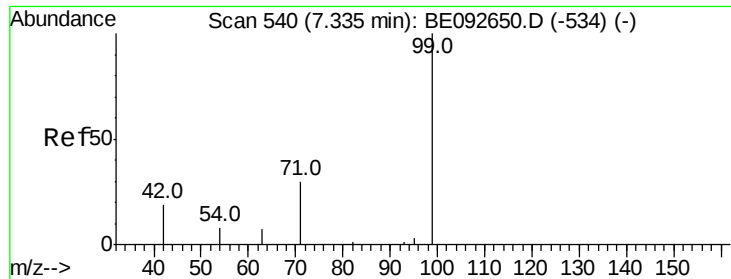
Delta R.T. -0.01 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	112	Resp:	13767
Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	37.4	27.9	41.9





#5

Phenol-d6

Concen: 3.89 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

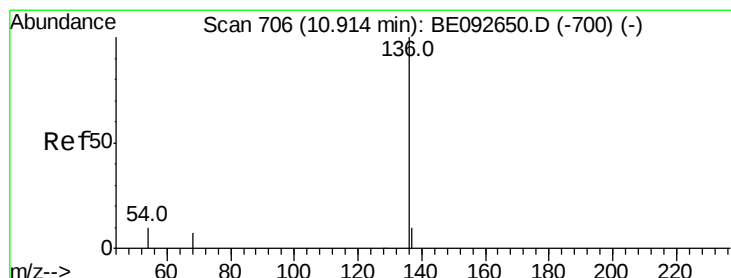
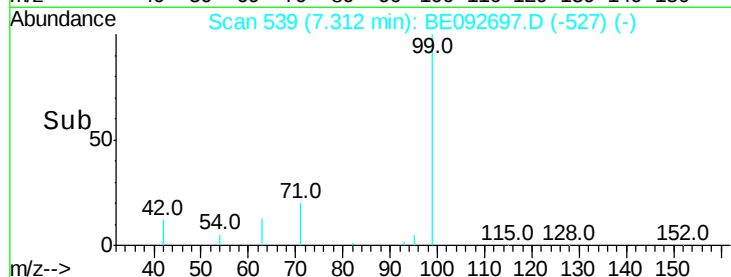
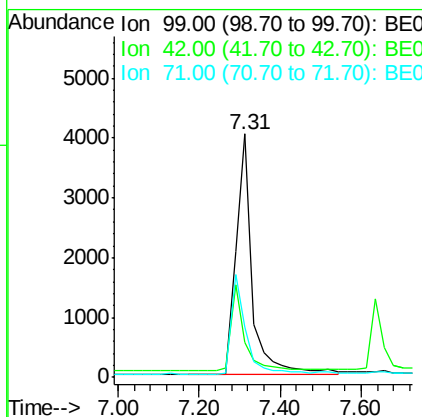
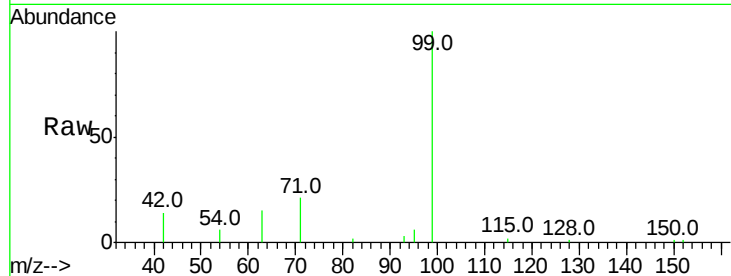
ClientSampled :

SB-01B

Tot Ion:	99	Resp:	11316
Ion Ratio	Lower	Upper	
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

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#7

Naphthalene-d8

Concen: 5.00 ng

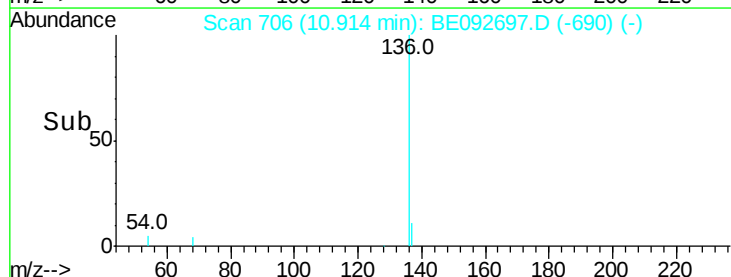
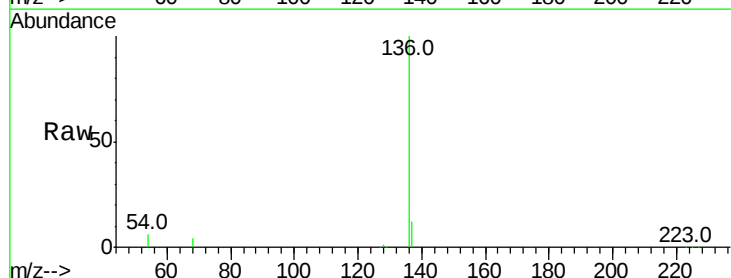
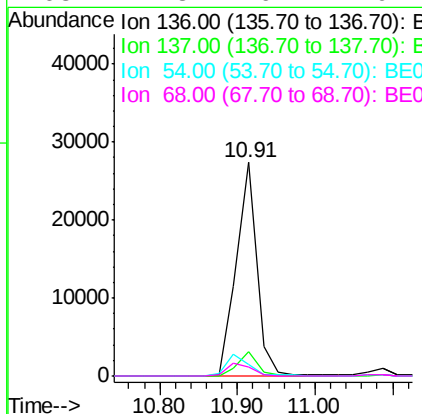
RT: 10.91 min Scan# 706

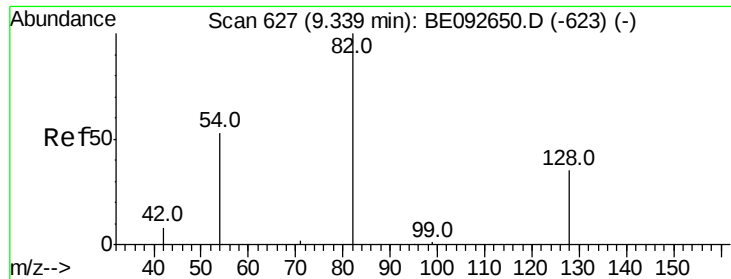
Delta R.T. 0.00 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	136	Resp:	50179
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.4
54	5.6	9.6	14.4#
68	4.3	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 4.99 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

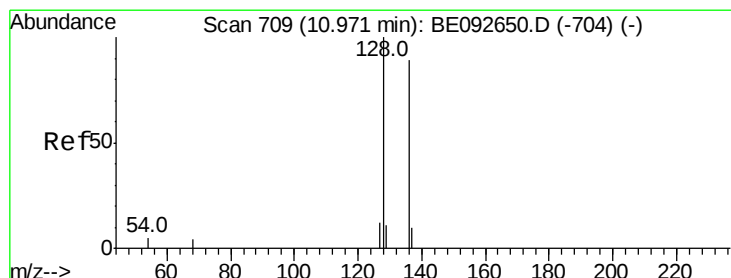
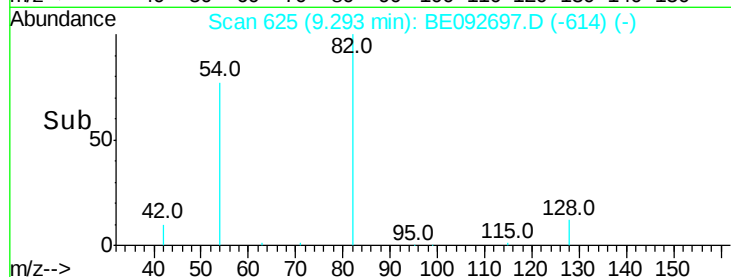
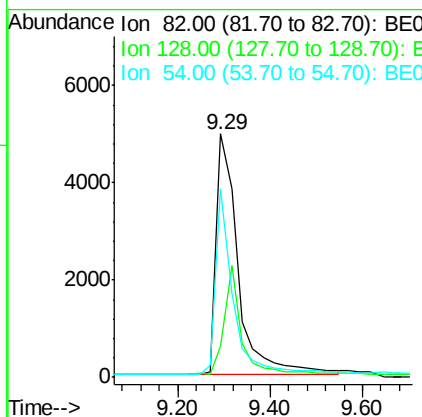
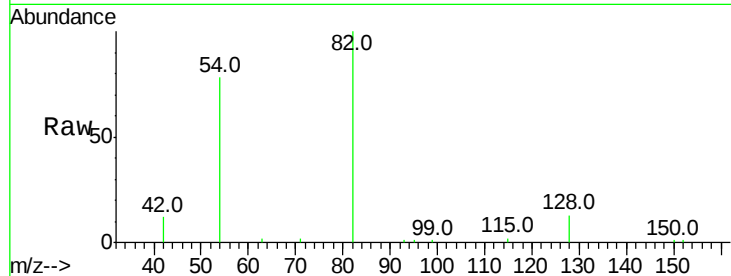
ClientSampleId :

SB-01B

Tot Ion:	82	Resp:	16250
Ion Ratio	Lower	Upper	
82	100		
128	12.9	39.0	58.4#
54	77.6	44.8	67.2#

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#9

Naphthalene

Concen: 37.15 ng

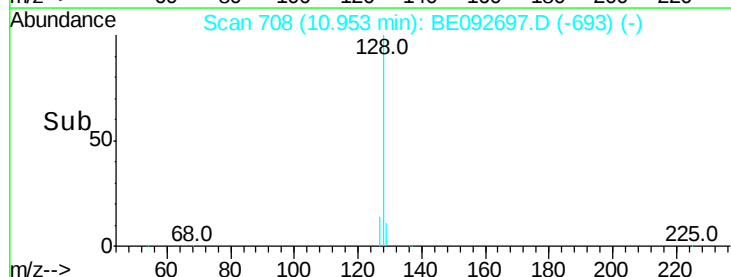
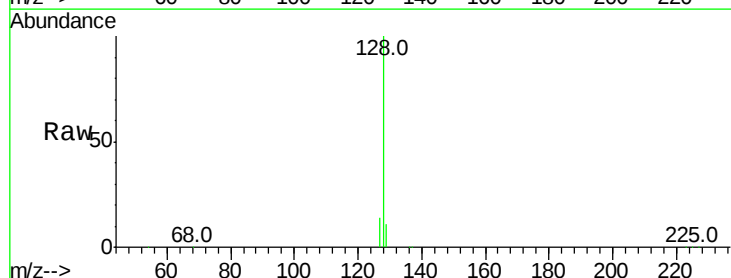
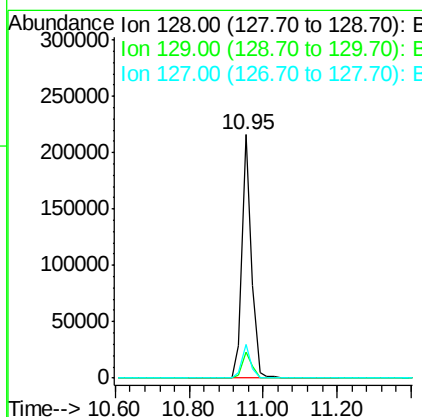
RT: 10.95 min Scan# 708

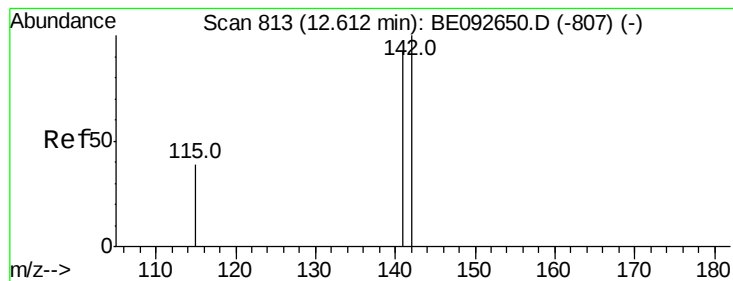
Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	128	Resp:	389264
Ion Ratio	Lower	Upper	
128	100		
129	10.8	11.2	16.8#
127	13.6	11.6	17.4





#11

2-Methylnaphthalene

Concen: 6.18 ng

RT: 12.59 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

ClientSampled :

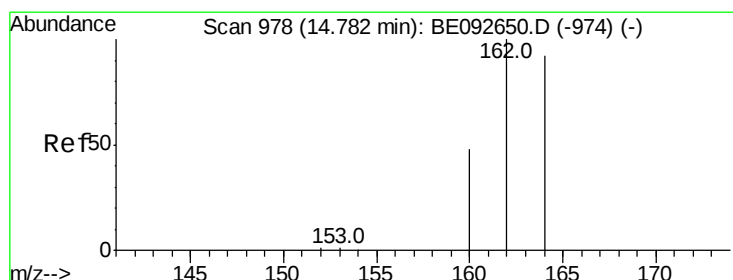
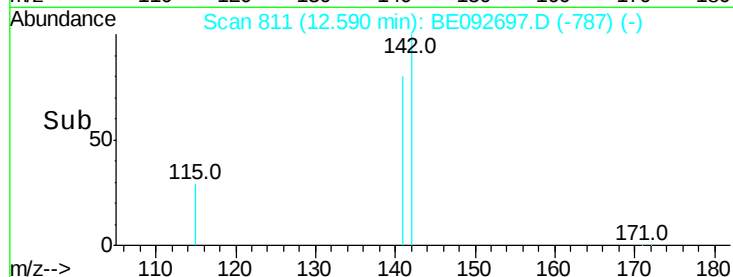
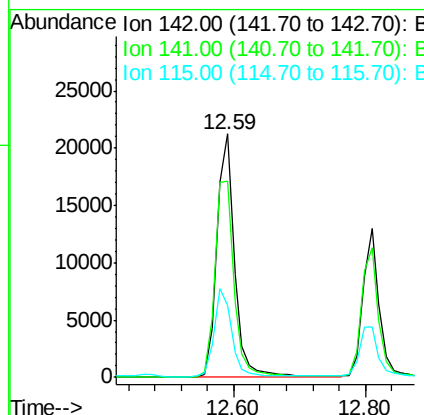
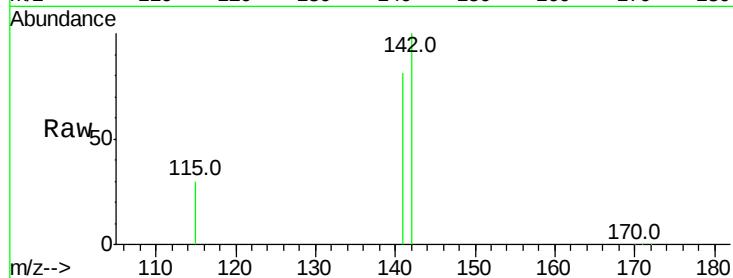
SB-01B

Tot Ion:142 Resp: 40191

Ion	Ratio	Lower	Upper
142	100		
141	80.5	73.7	110.5
115	29.5	34.0	51.0

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

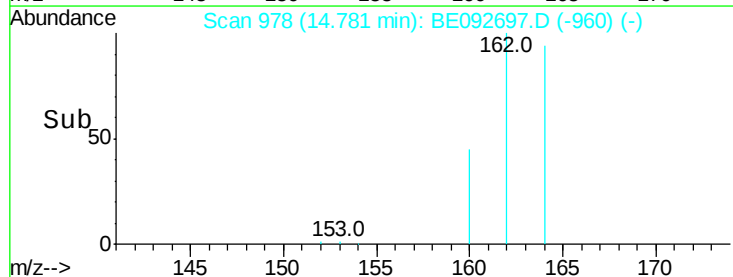
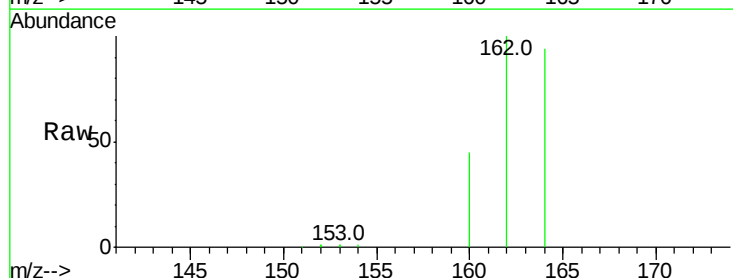
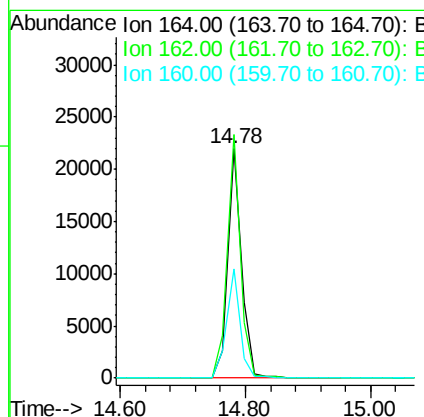
Delta R.T. -0.00 min

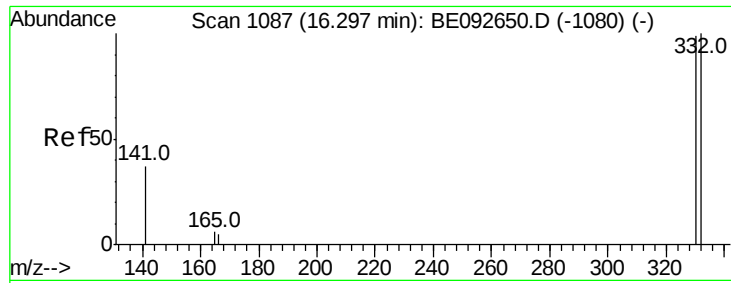
Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:164 Resp: 33190

Ion	Ratio	Lower	Upper
164	100		
162	106.2	71.4	107.0
160	47.6	27.4	41.2





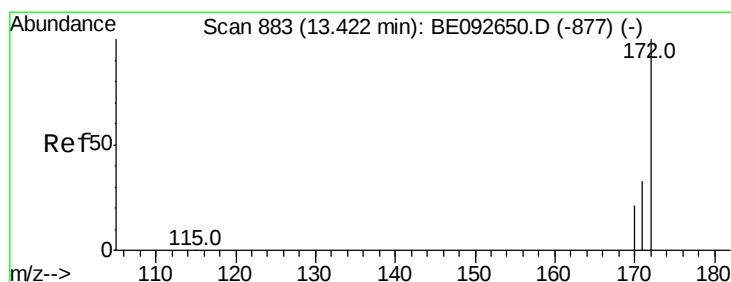
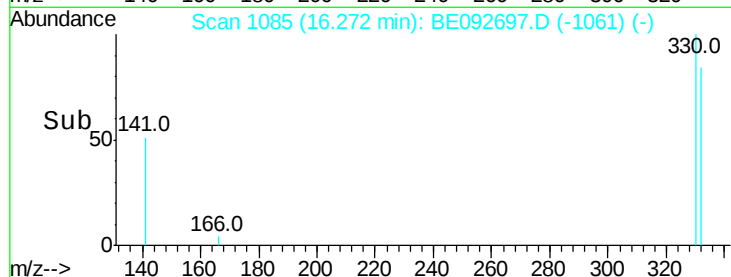
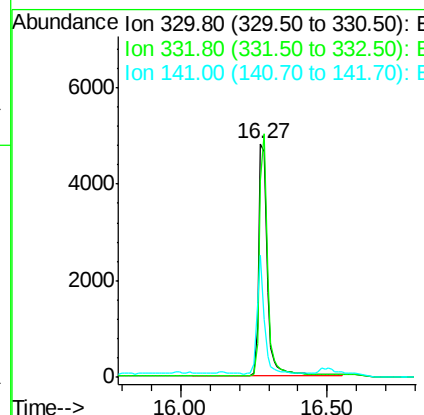
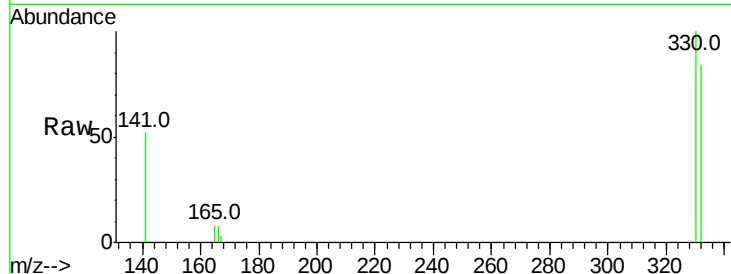
#13
 2,4,6-Tribromophenol
 Concen: 9.84 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092697.D
 Acq: 31 Jan 2017 21:29

Instrument :
 BNA_E
 ClientSampleId :
 SB-01B

Tot Ion:330 Resp: 9668
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 44.3 31.0 46.6

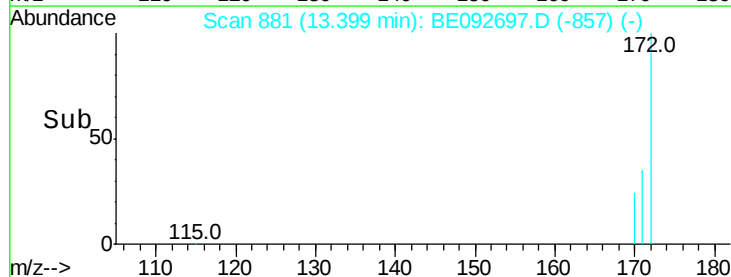
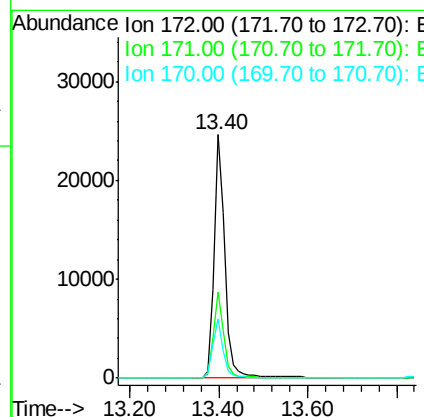
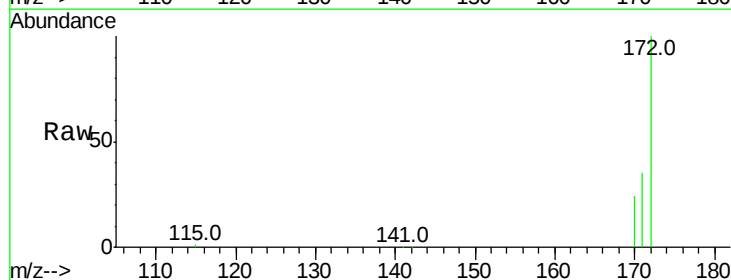
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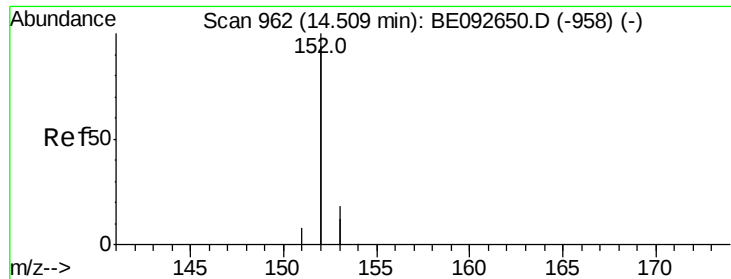
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#14
 2-Fluorobiphenyl
 Concen: 5.06 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092697.D
 Acq: 31 Jan 2017 21:29

Tgt Ion:172 Resp: 41297
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.1 45.1
 170 24.2 21.8 32.6





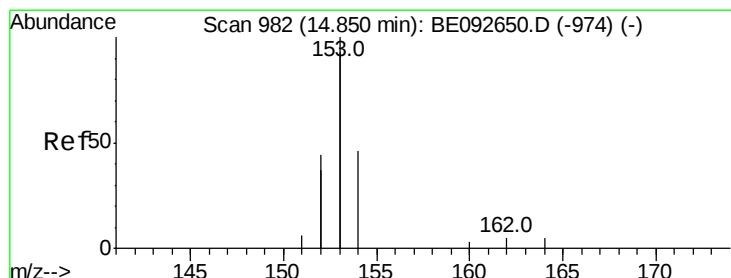
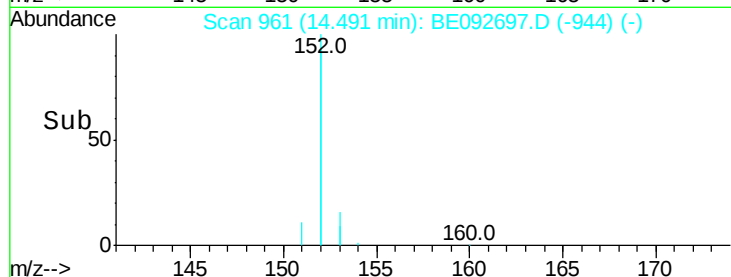
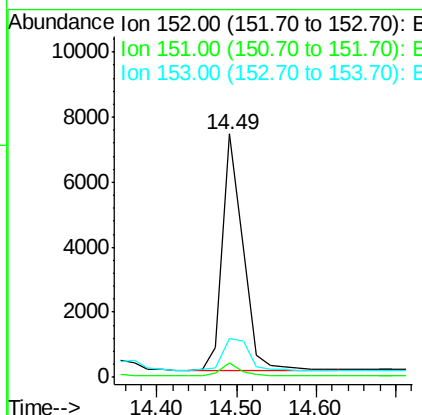
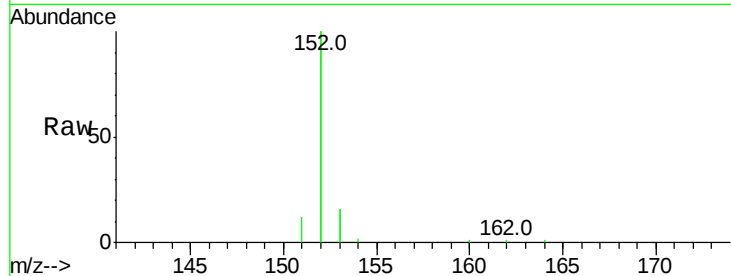
#15
Acenaphthylene
Concen: 0.28 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Instrument :
BNA_E
ClientSampleID :
SB-01B

Tot Ion	Ratio	Lower	Upper
152	100		
151	5.4	3.9	5.9
153	17.4	10.4	15.6

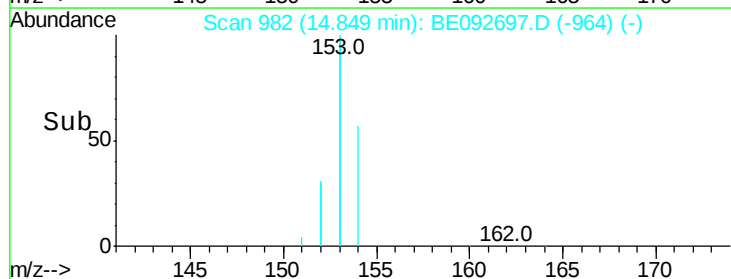
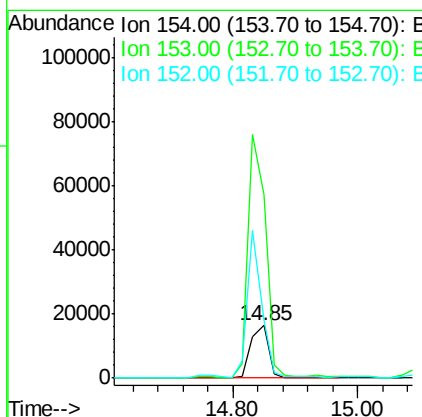
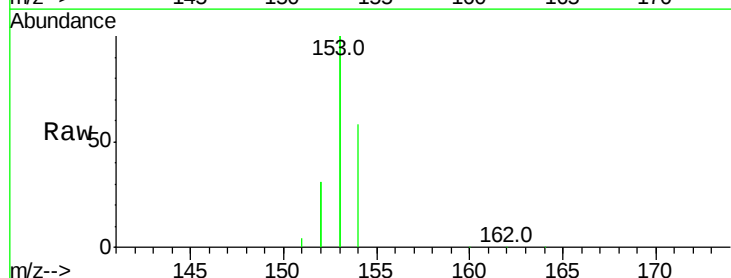
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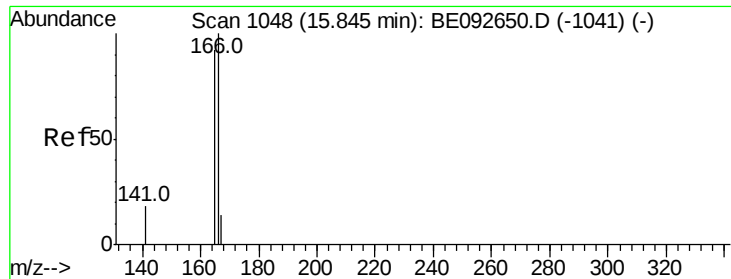
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#16
Acenaphthene
Concen: 4.41 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	447.4	350.8	526.2
152	223.4	171.1	256.7





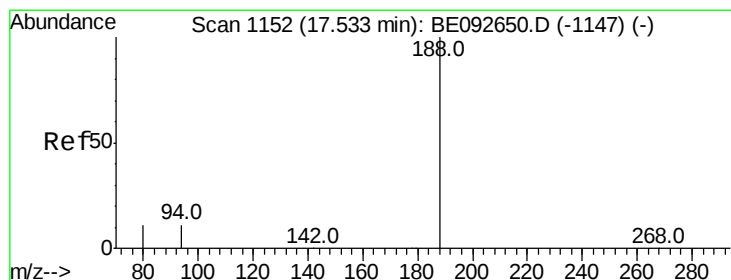
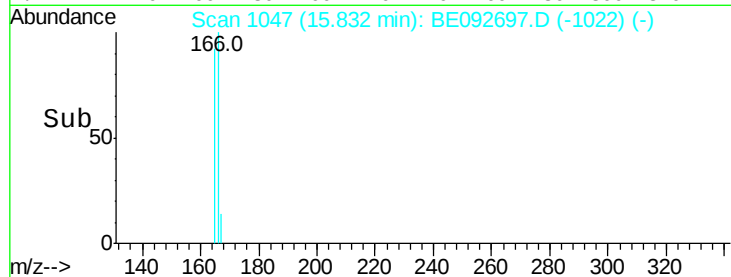
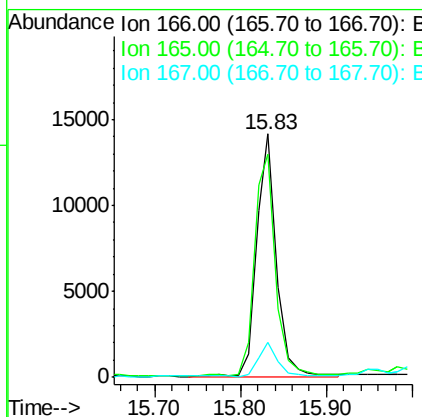
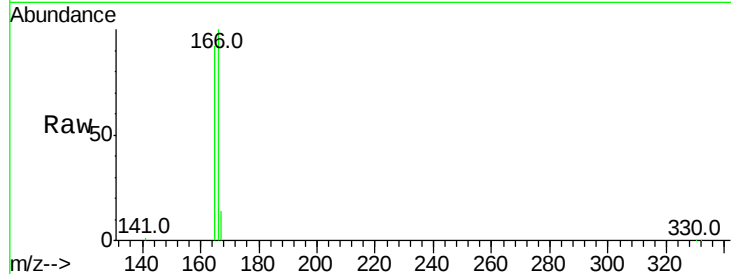
#17
Fluorene
Concen: 2.46 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.7	11.0	16.4

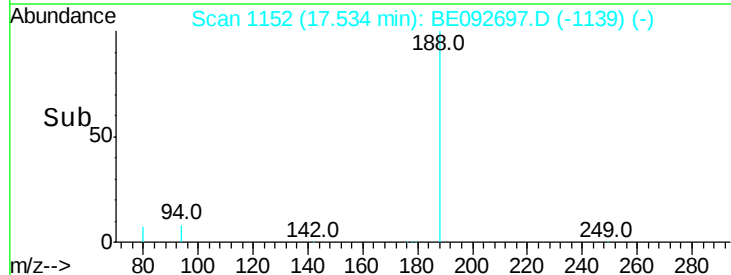
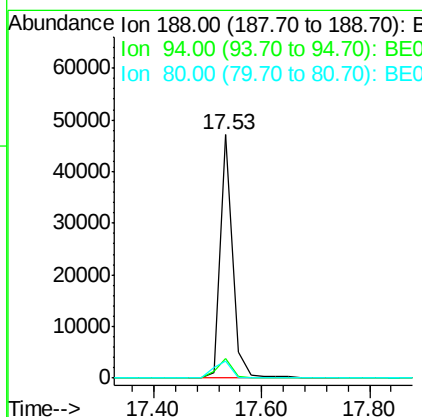
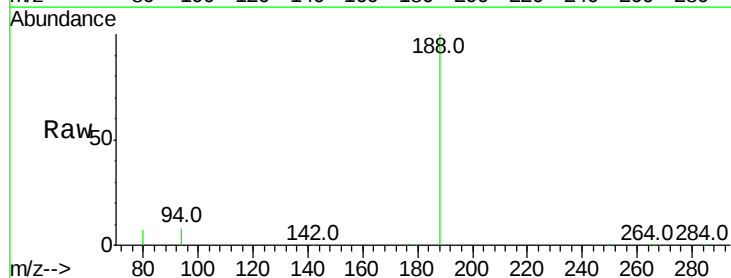
Manual Integrations
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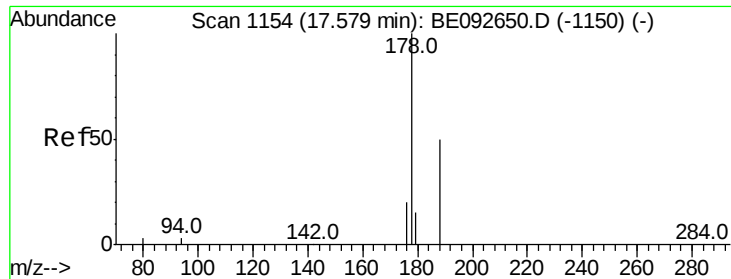
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	3.2	4.8#
80	7.1	2.6	3.8#





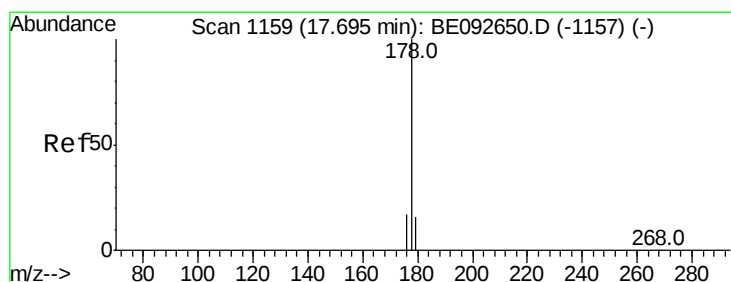
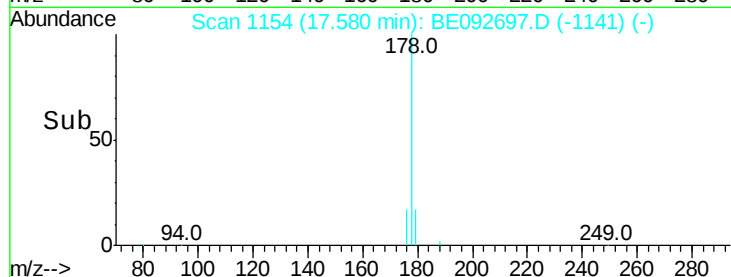
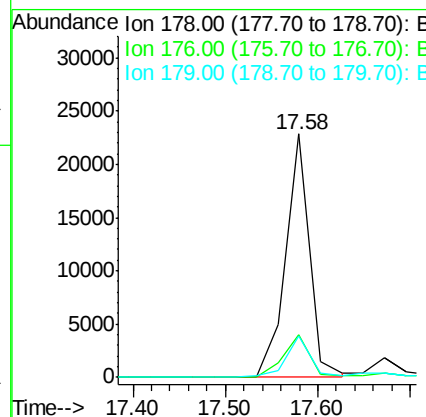
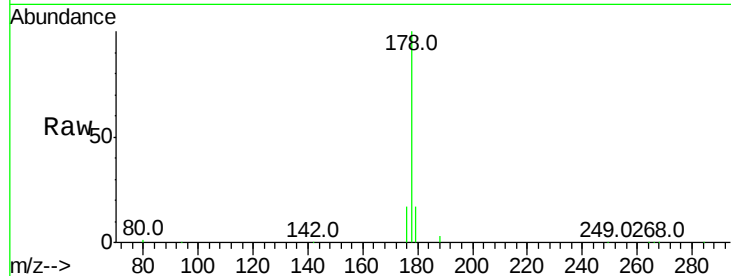
#21
Phenanthrene
Concen: 2.45 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.3	16.0	24.0

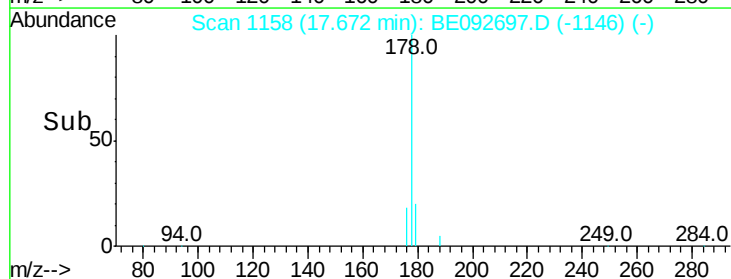
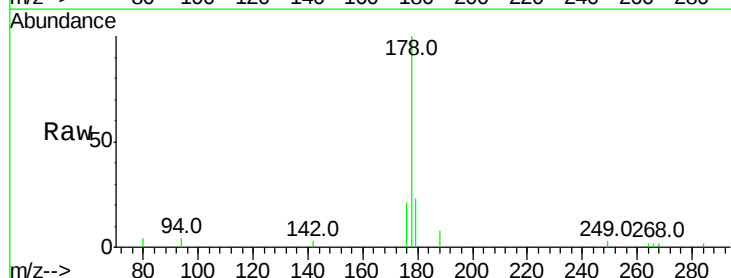
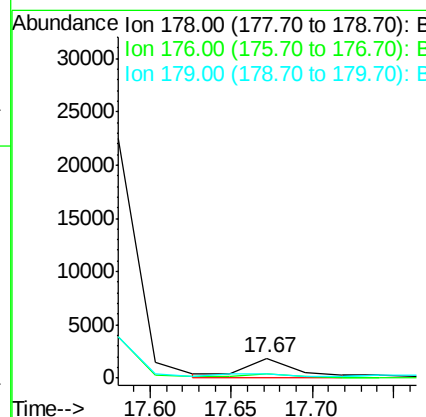
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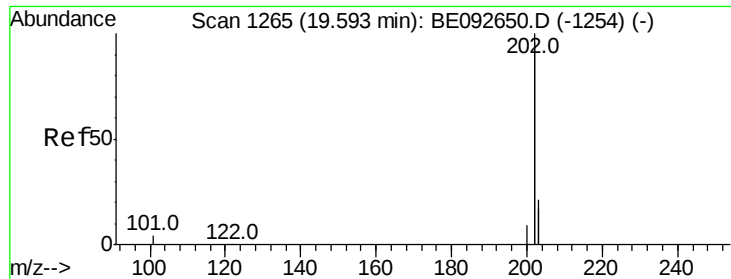
mohammad
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#22
Anthracene
Concen: 0.26 ng m
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	194.9	15.0	22.4#
179	169.4	12.2	18.2#





#23

Fluoranthene

Concen: 0.42 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

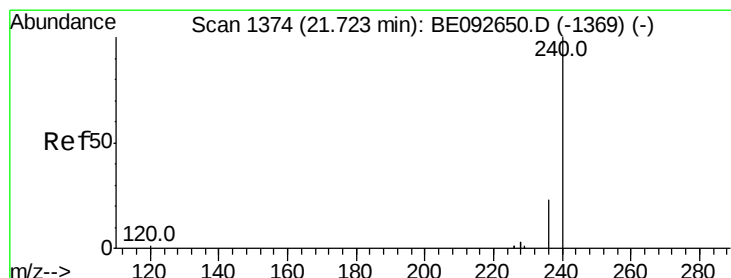
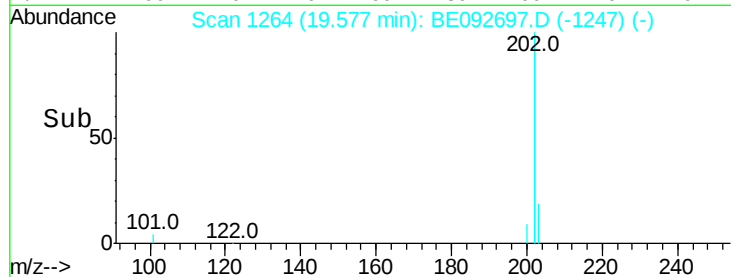
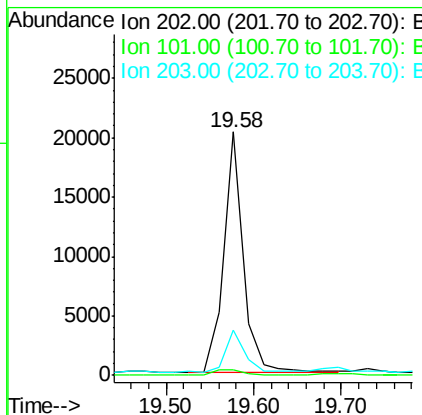
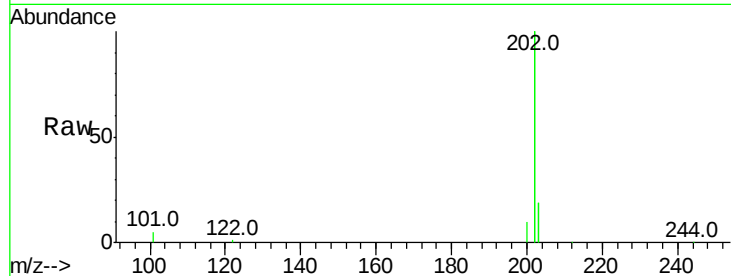
ClientSampled :

SB-01B

Tot Ion:	202	Resp:	31214
Ion Ratio	Lower	Upper	
202	100		
101	2.9	2.2	3.4
203	17.2	13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

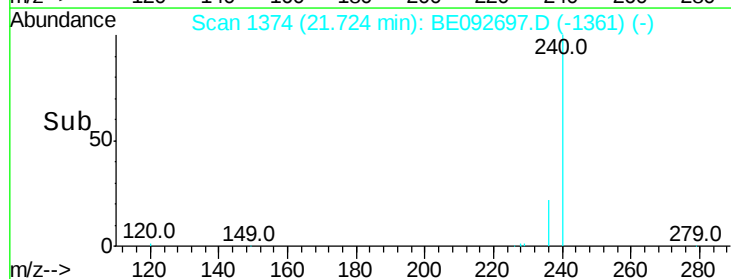
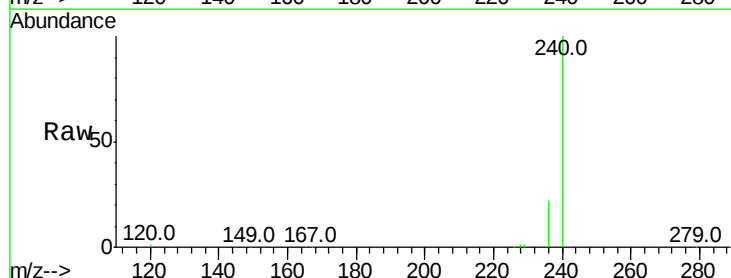
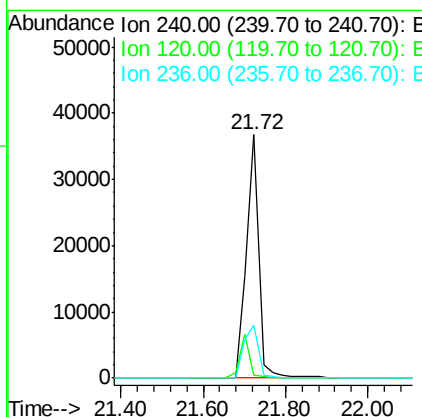
RT: 21.72 min Scan# 1374

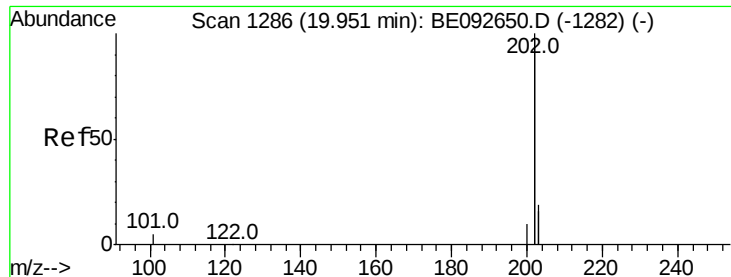
Delta R.T. 0.00 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	240	Resp:	76026
Ion Ratio	Lower	Upper	
240	100		
120	1.1	2.6	4.0#
236	21.8	24.6	37.0#





#25

Pvrene

Concen: 0.31 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

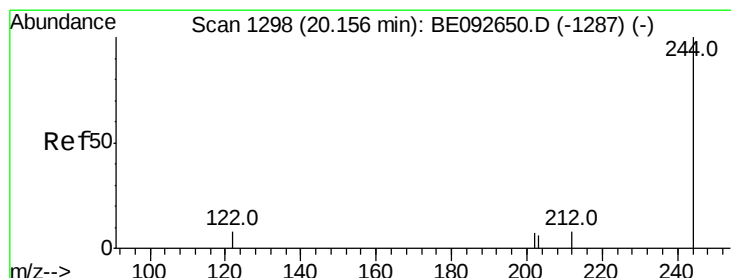
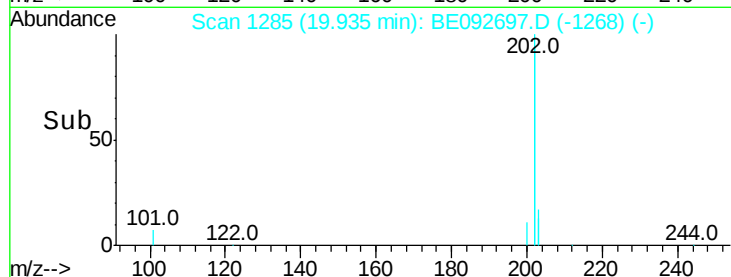
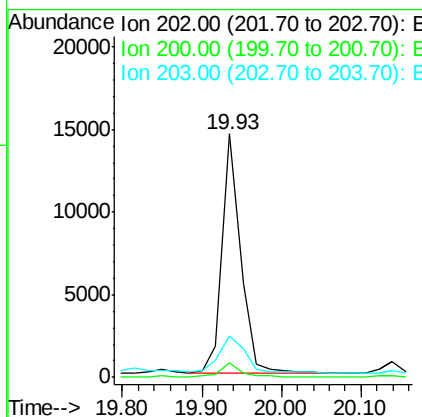
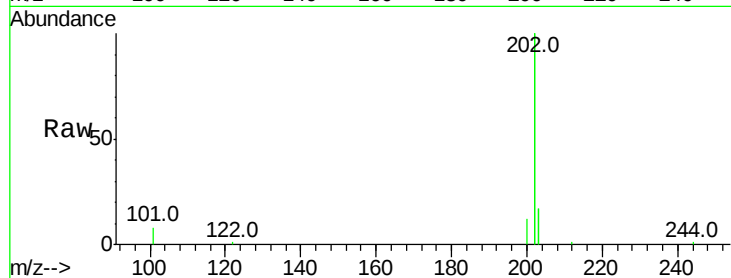
ClientSampleId :

SB-01B

Tot Ion:	202	Resp:	23128
Ion Ratio	Lower	Upper	
202	100		
200	5.5	4.2	6.4
203	21.6	13.9	20.9#

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#26

Terphenyl-d14

Concen: 6.30 ng

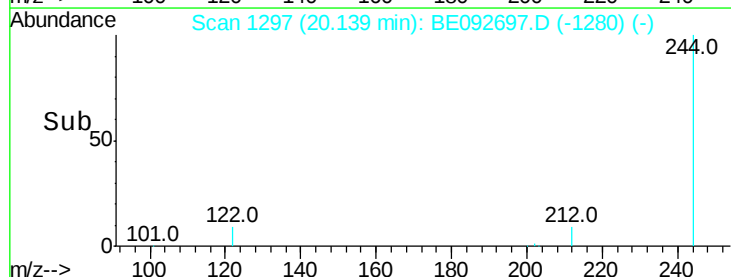
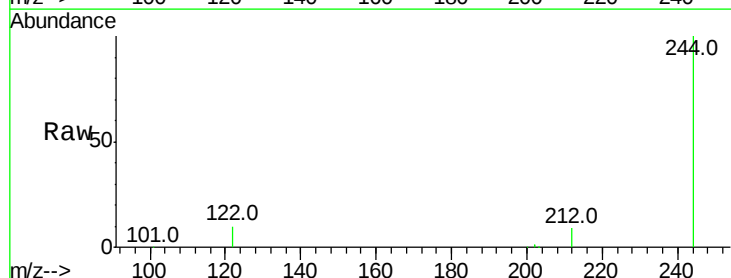
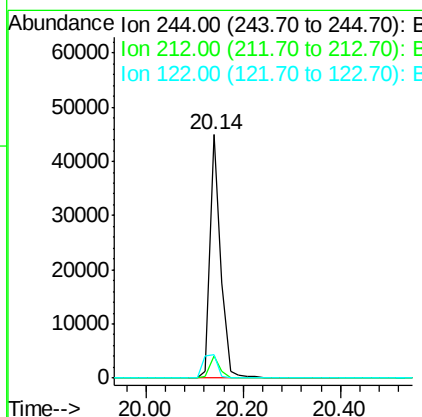
RT: 20.14 min Scan# 1297

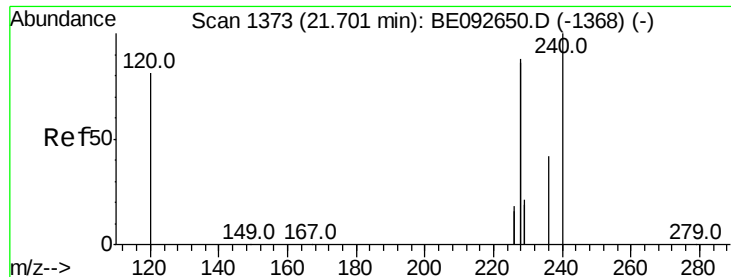
Delta R.T. -0.02 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	244	Resp:	67674
Ion Ratio	Lower	Upper	
244	100		
212	9.3	6.7	10.1
122	9.6	3.6	5.4#





#27

Benzo(a)anthracene

Concen: 0.03 ng m

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Instrument :

BNA_E

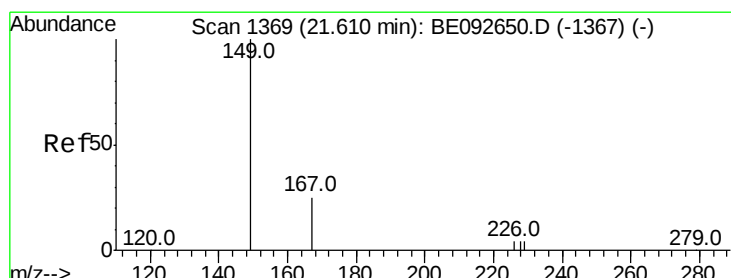
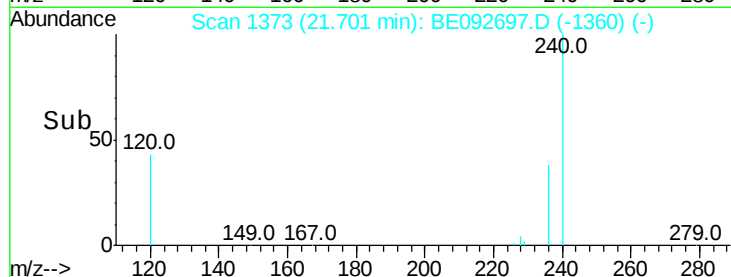
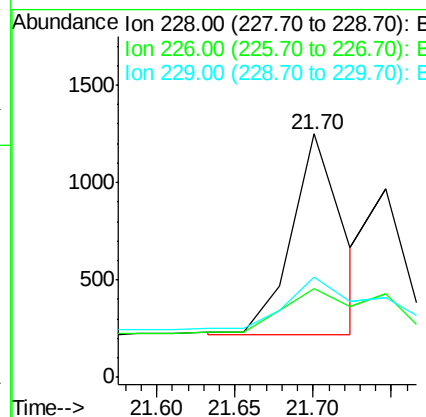
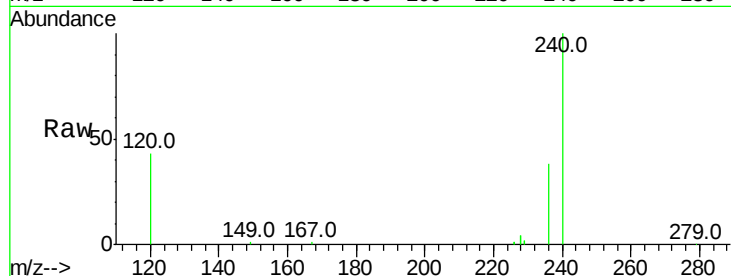
ClientSampleId :

SB-01B

Tot Ion:	228	Resp:	2364
Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.6	35.4#
229	41.1	13.3	19.9#

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#29

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

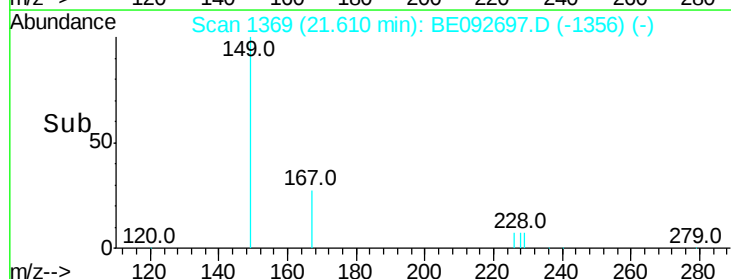
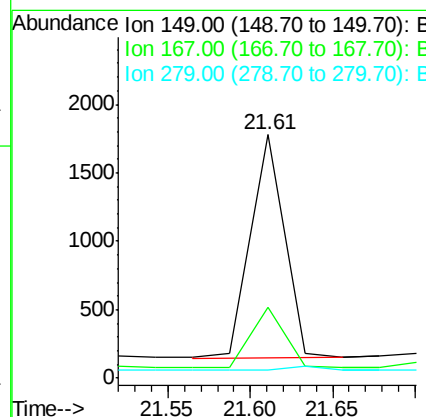
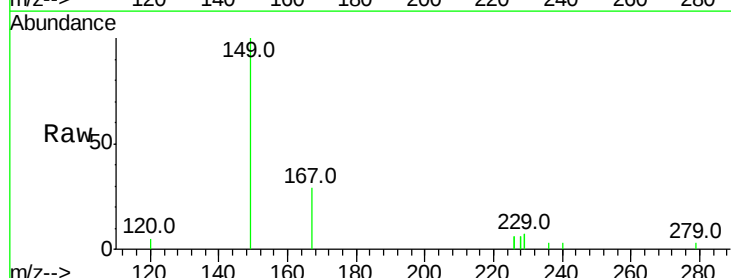
RT: 21.61 min Scan# 1369

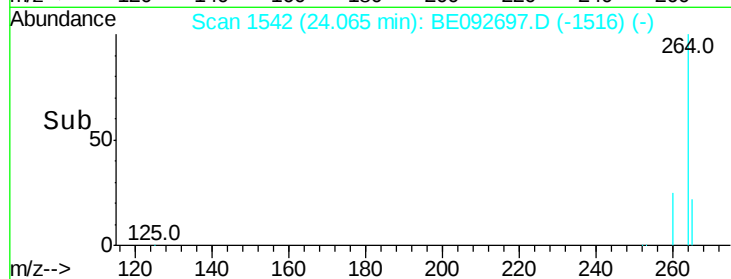
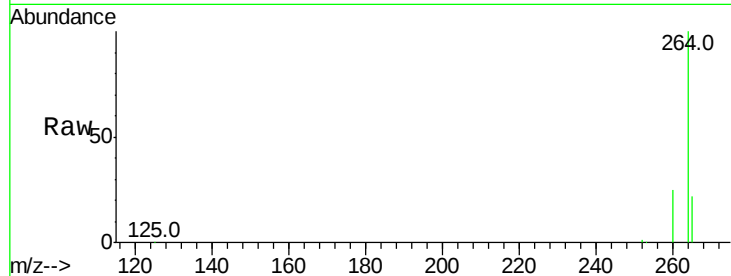
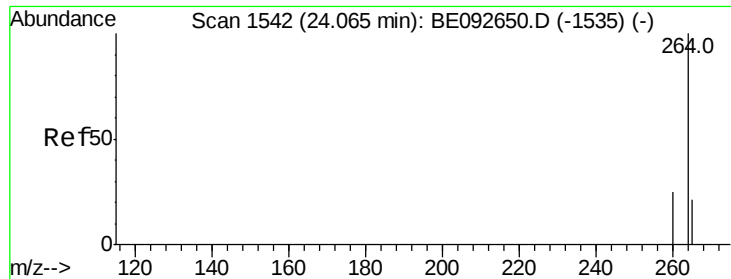
Delta R.T. 0.00 min

Lab File: BE092697.D

Acq: 31 Jan 2017 21:29

Tgt Ion:	149	Resp:	2297
Ion	Ratio	Lower	Upper
149	100		
167	27.3	16.0	24.0#
279	0.0	16.0	24.0#





#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092697.D
Acq: 31 Jan 2017 21:29

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	17.9	26.9

Manual Integrations
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