

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092852.D
 Acq On : 29 Mar 2017 1:13
 Operator : SJ/MA
 Sample : I2412-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-1A

Manual Integrations
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 3/29/2017 2:37:36 PM

Quant Time: Mar 29 12:52:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7182	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	31525	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	14637	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	33369	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	42473	5.00	ng	-0.02
31) Perylene-d12	23.70	264	37311	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	11337	6.78	ng	0.00
5) Phenol-d6	6.94	99	10158m	4.14	ng	0.00
8) Nitrobenzene-d5	8.93	82	7836	4.33	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2759	12.07	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	23638	4.90	ng	-0.01
26) Terphenyl-d14	19.76	244	30149	4.11	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	12.21	142	216	0.05	ng	# 92
21) Phenanthrene	17.18	178	368	0.05	ng	95
29) Bis(2-ethylhexyl)phthalate	21.21	149	331	0.11	ng	# 79

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

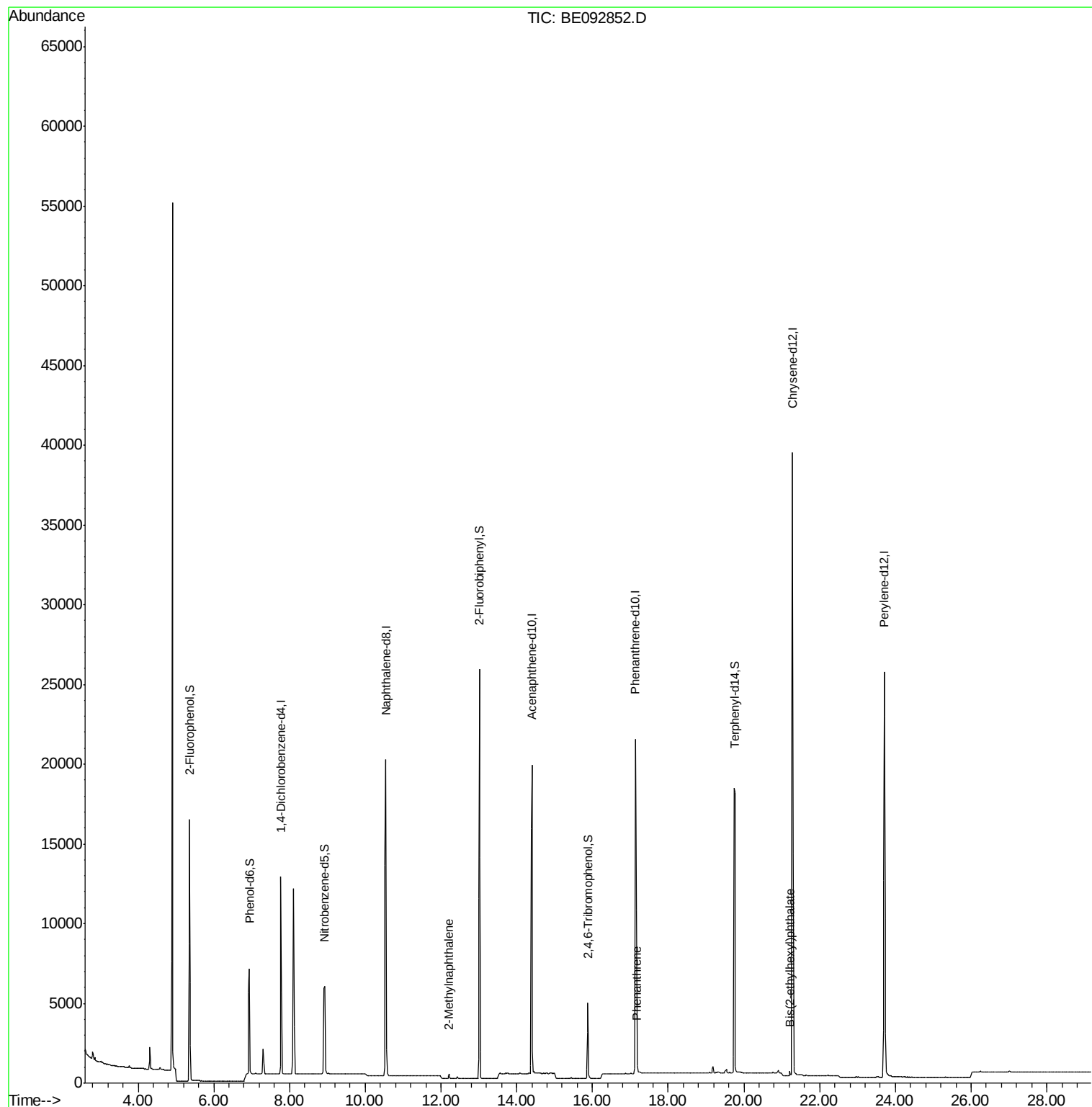
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092852.D
Acq On : 29 Mar 2017 1:13
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Sample : I2412-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

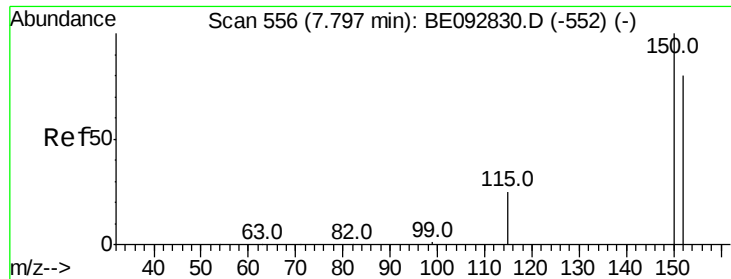
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

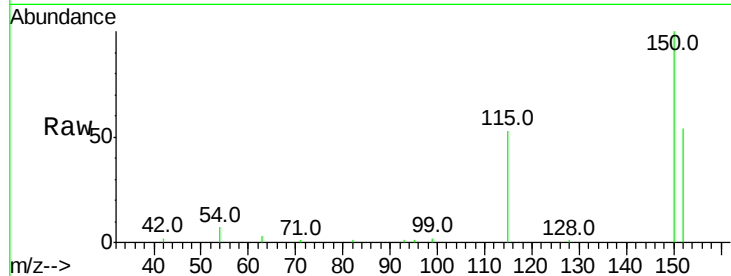
ClientSampleId :

W-1A

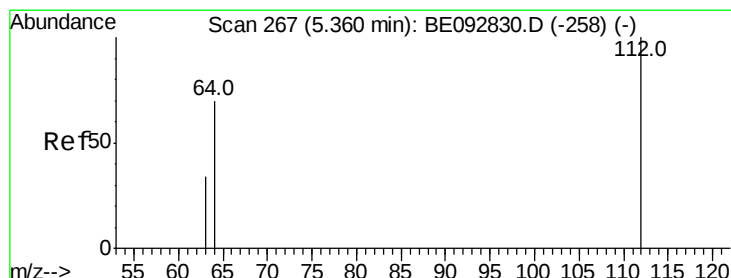
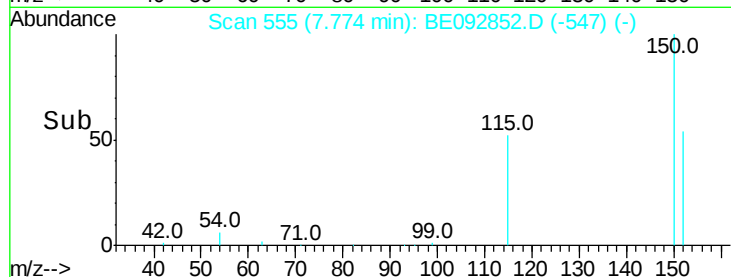
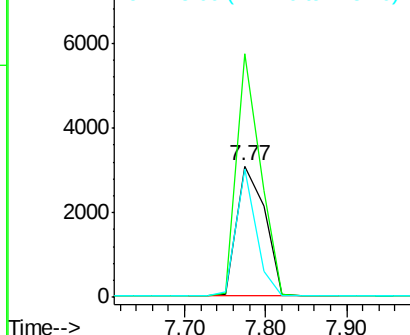
Tot Ion:	152	Resp:	7182
Ion Ratio	Lower	Upper	
152	100		
150	185.5	106.0	159.0#
115	98.0	31.2	46.8#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 6.78 ng

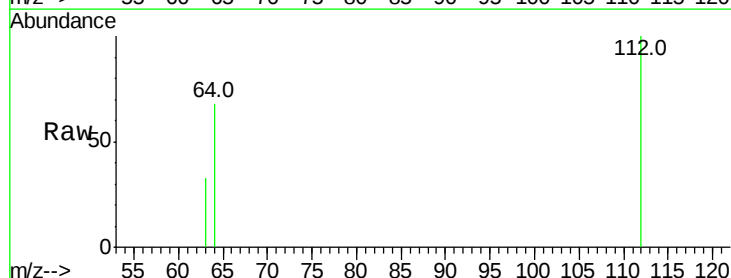
RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

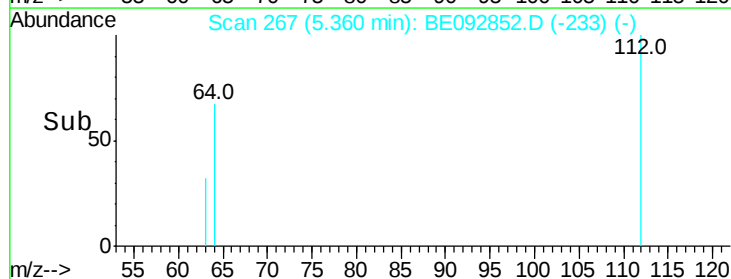
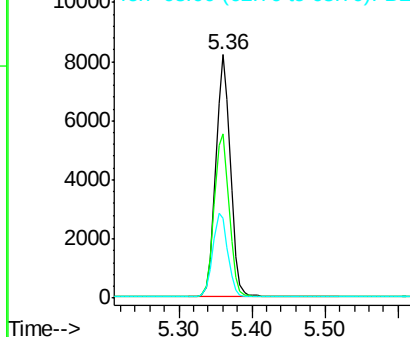
Lab File: BE092852.D

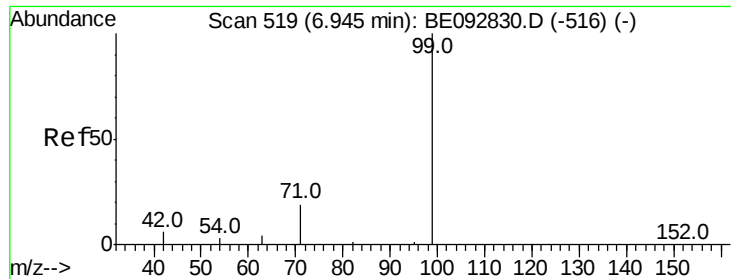
Acq: 29 Mar 2017 1:13

Tgt Ion:	112	Resp:	11337
Ion Ratio	Lower	Upper	
112	100		
64	69.4	53.5	80.3
63	35.6	27.9	41.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.14 ng/ml

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

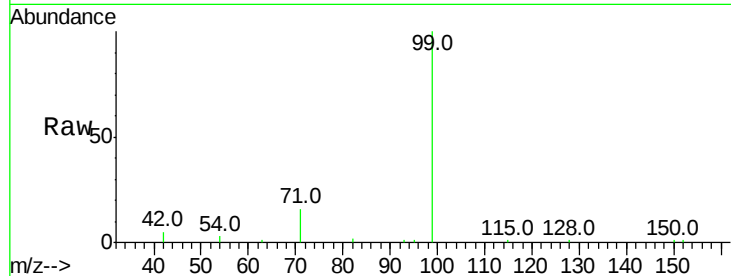
ClientSampleId :

W-1A

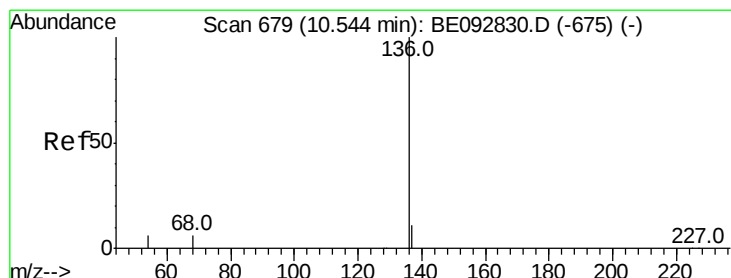
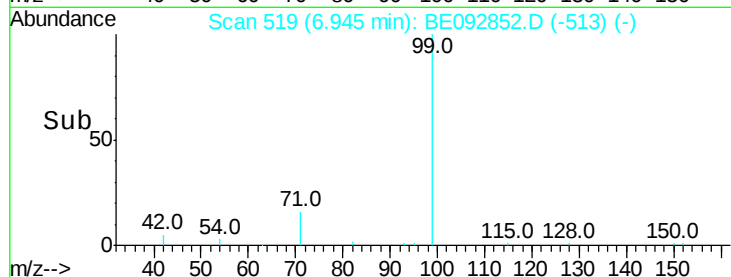
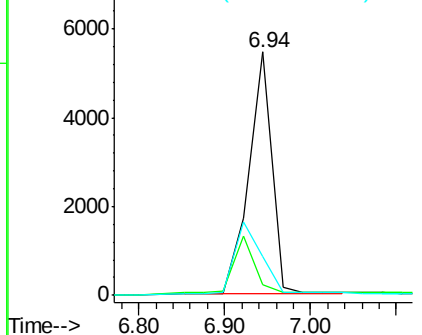
Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

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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: 10.54 min Scan# 679

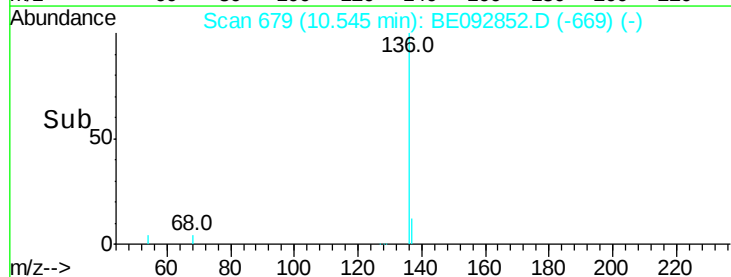
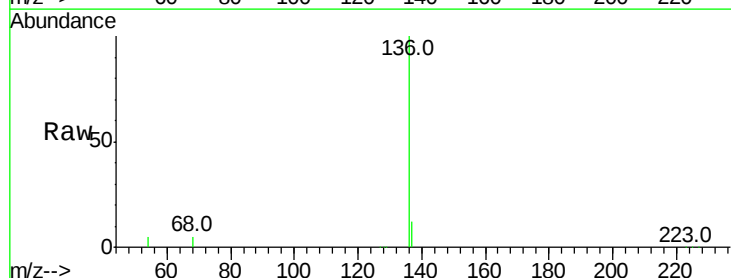
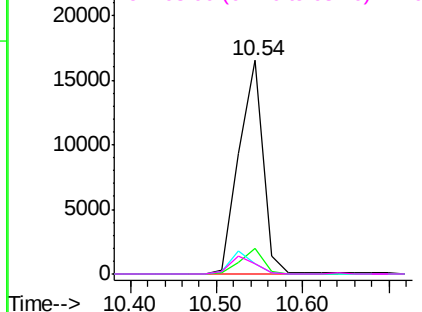
Delta R.T. 0.00 min

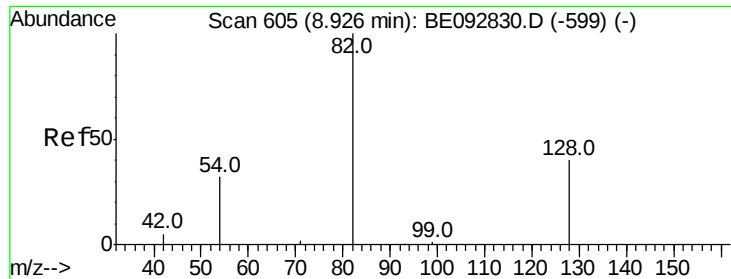
Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	4.6	9.6	14.4#
68	4.6	6.7	10.1#

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: 4.33 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

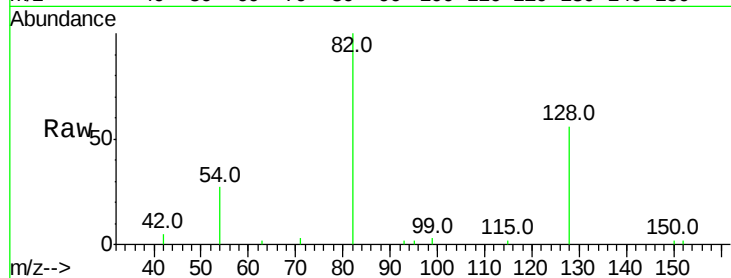
ClientSampleId :

W-1A

Tot Ion:	82	Resp:	7836
Ion Ratio	Lower	Upper	
82	100		
128	56.3	39.0	58.4
54	27.2	44.8	67.2#

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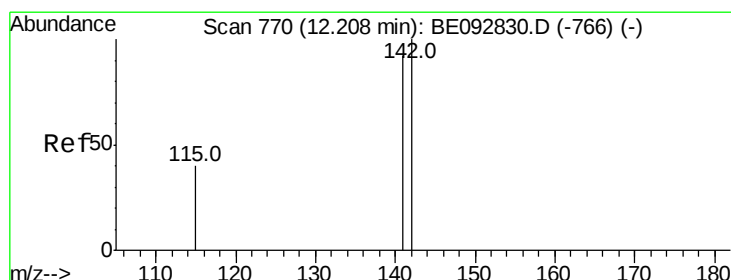
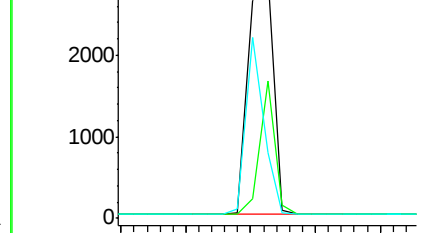
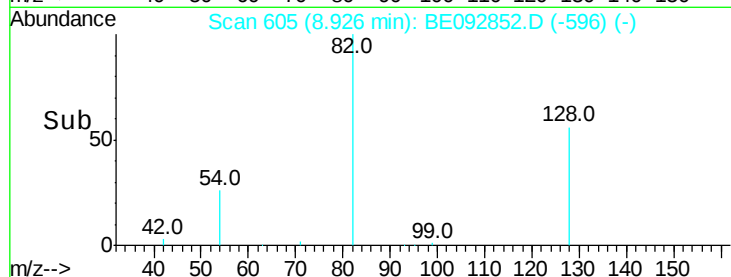


Abundance Ion 82.00 (81.70 to 82.70): BE092830.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE092830.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE092830.D (-599) (-)

Time--> 8.70 8.80 8.90 9.00 9.10



#11

2-Methylnaphthalene

Concen: 0.05 ng

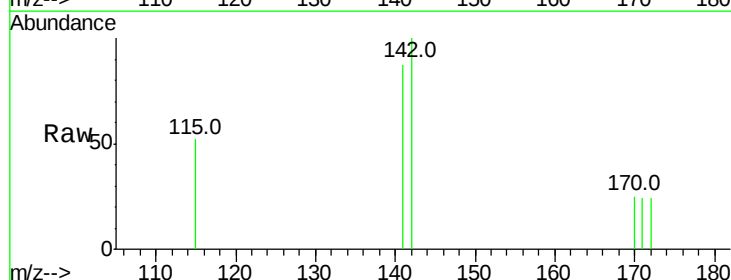
RT: 12.21 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Tgt Ion:	142	Resp:	216
Ion Ratio	Lower	Upper	
142	100		
141	87.4	73.7	110.5
115	52.5	34.0	51.0#

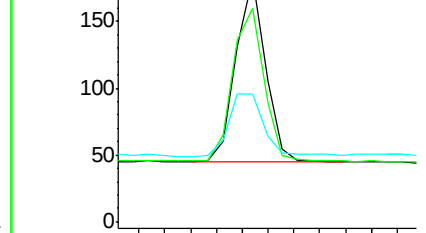
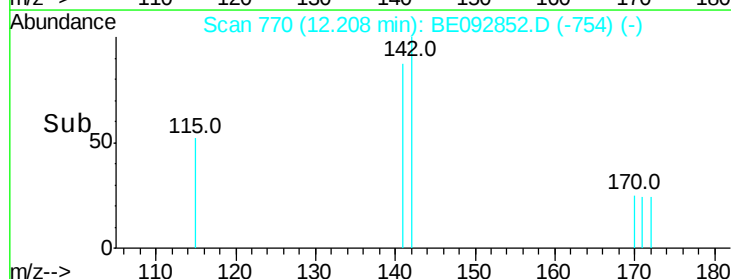


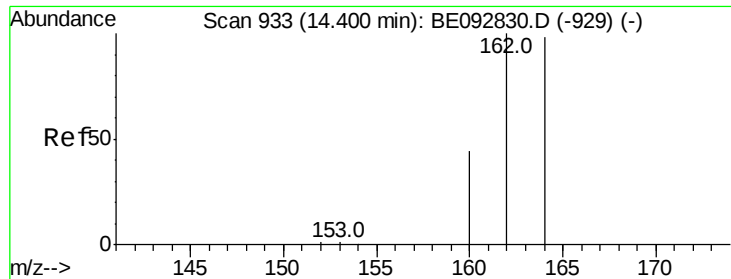
Abundance Ion 142.00 (141.70 to 142.70): BE092830.D (-766) (-)

Ion 141.00 (140.70 to 141.70): BE092830.D (-766) (-)

Ion 115.00 (114.70 to 115.70): BE092830.D (-766) (-)

Time--> 12.20 12.30





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

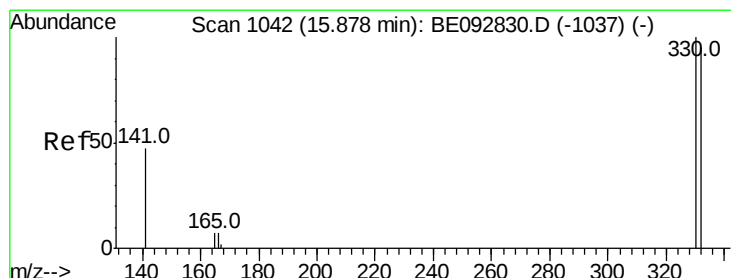
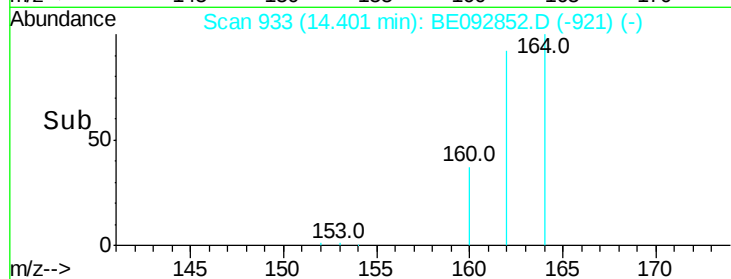
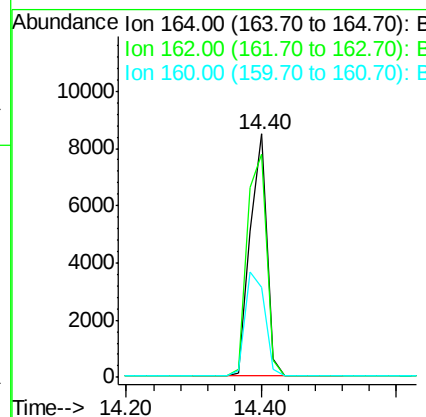
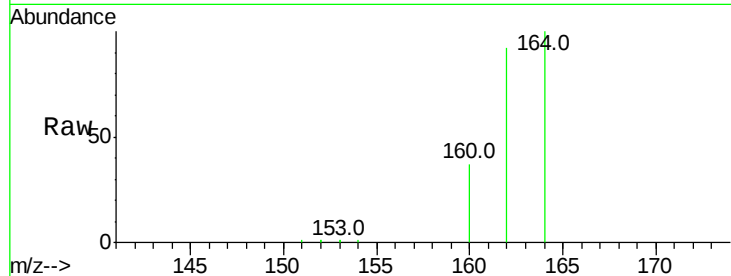
ClientSampled :

W-1A

Tot Ion:	164	Resp:	14637
Ion Ratio	Lower	Upper	
164	100		
162	91.6	71.4	107.0
160	37.2	27.4	41.2

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#13

2,4,6-Tribromophenol

Concen: 12.07 ng

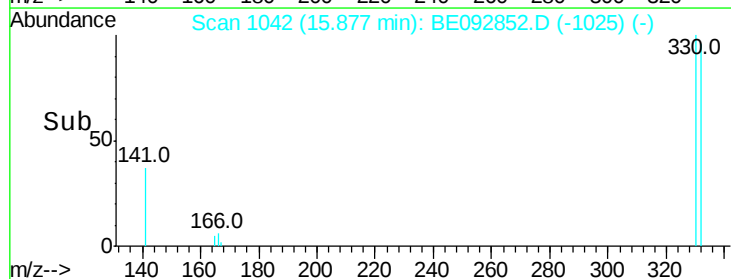
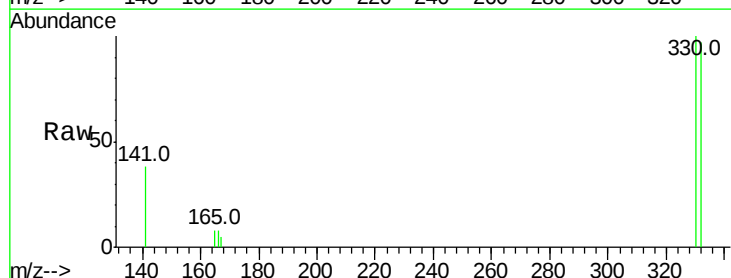
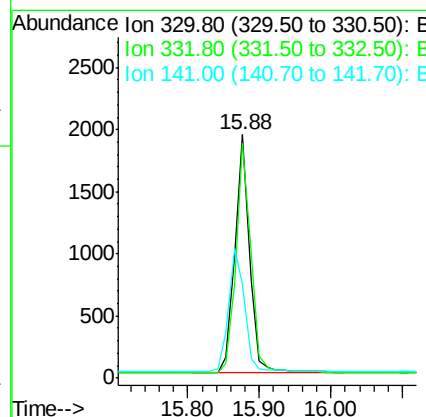
RT: 15.88 min Scan# 1042

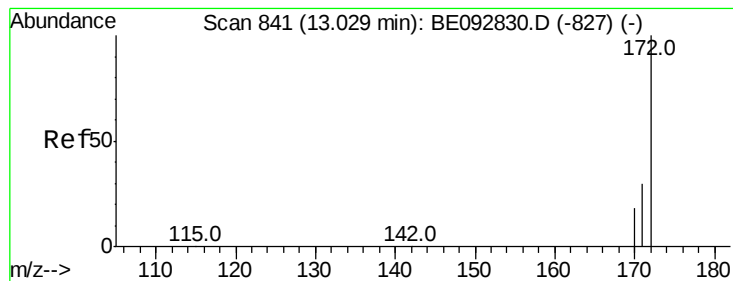
Delta R.T. -0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Tgt Ion:	330	Resp:	2759
Ion Ratio	Lower	Upper	
330	100		
332	97.4	75.4	113.0
141	57.2	31.0	46.6#





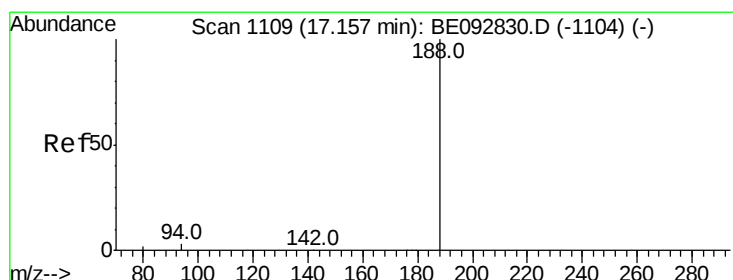
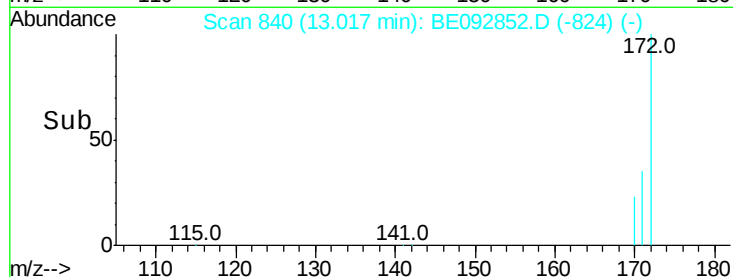
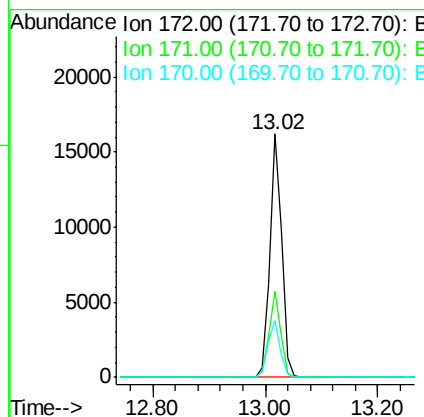
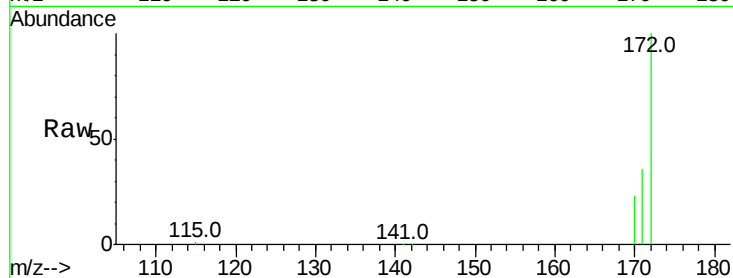
#14
2-Fluorobiphenyl
Concen: 4.90 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092852.D
Acq: 29 Mar 2017 1:13

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.1	45.1
170	23.4	21.8	32.6

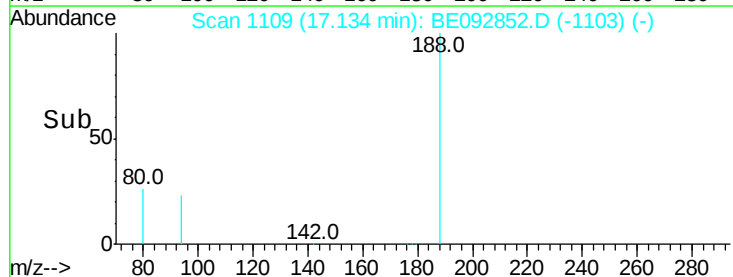
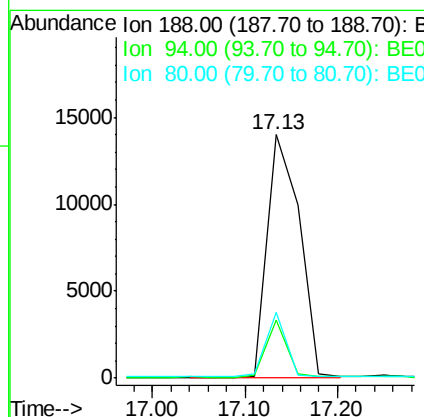
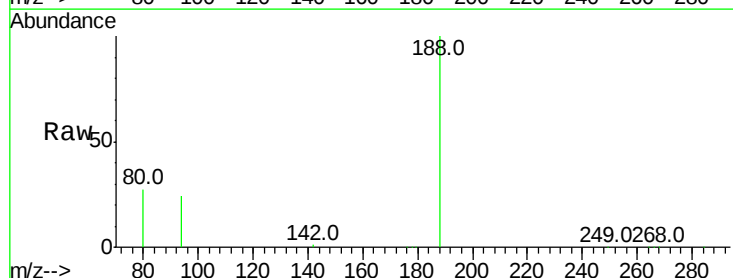
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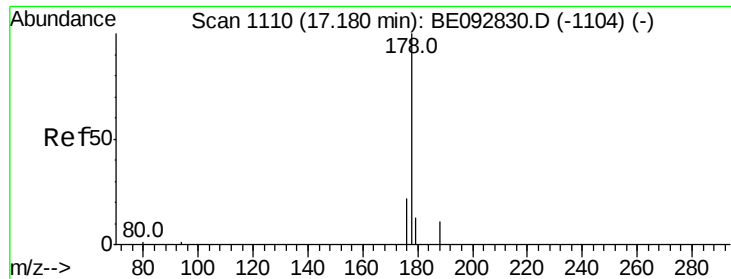
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092852.D
Acq: 29 Mar 2017 1:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	23.6	3.2	4.8#
80	26.9	2.6	3.8#





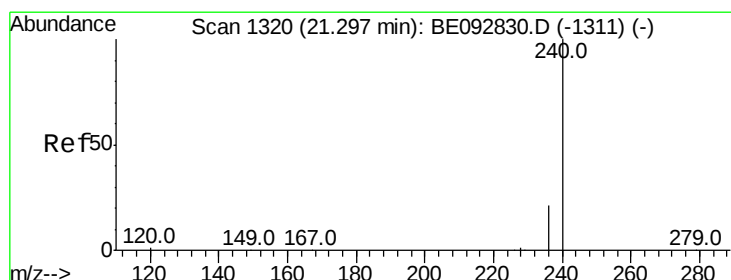
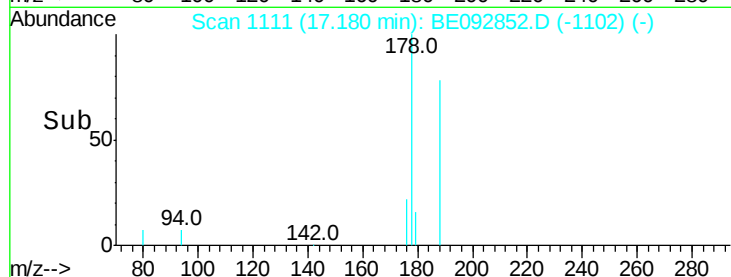
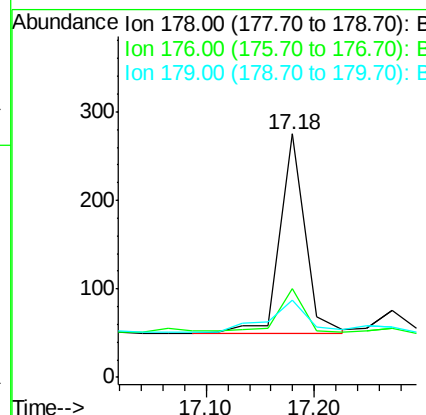
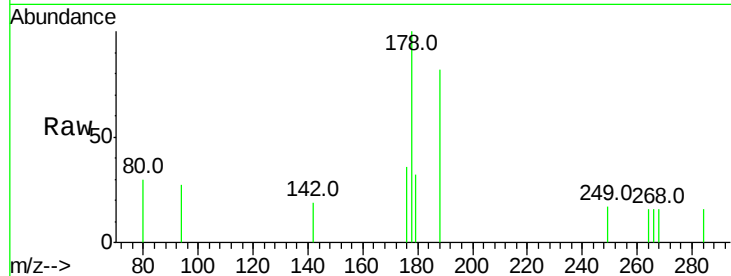
#21
Phenanthrene
Concen: 0.05 ng
RT: 17.18 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE092852.D
Acq: 29 Mar 2017 1:13

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	22.8	16.0	24.0

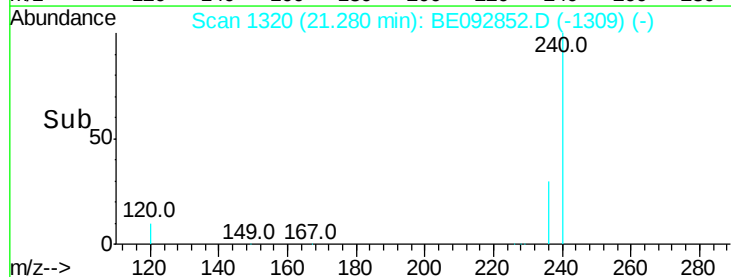
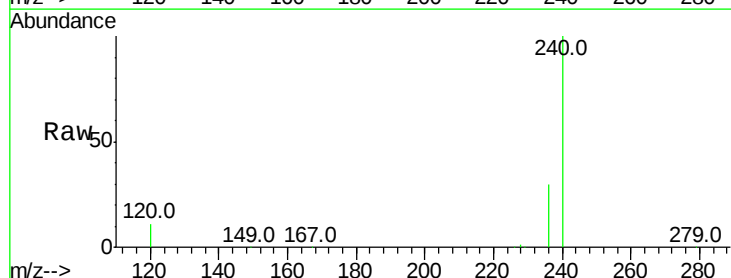
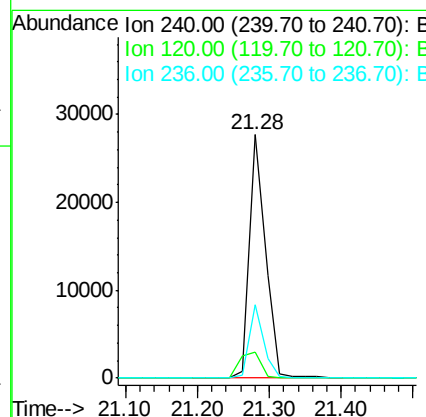
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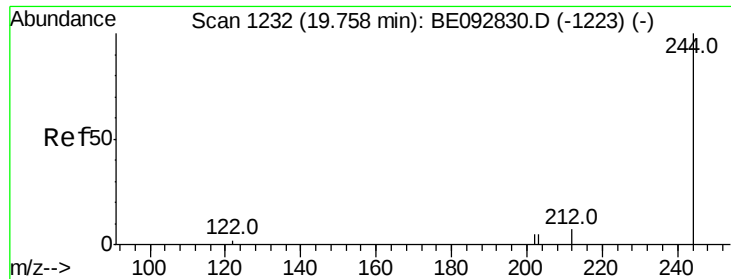
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#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092852.D
Acq: 29 Mar 2017 1:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	2.6	4.0#
236	30.2	24.6	37.0





#26

Terphenyl-d14

Concen: 4.11 ng

RT: 19.76 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Instrument :

BNA_E

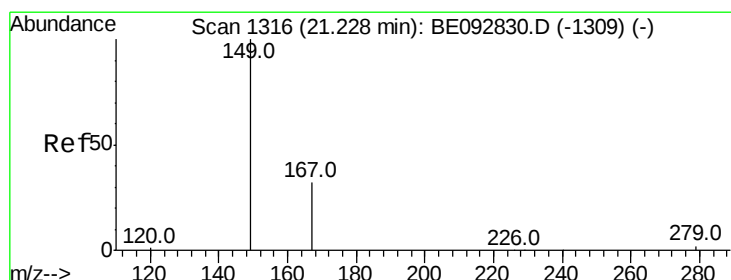
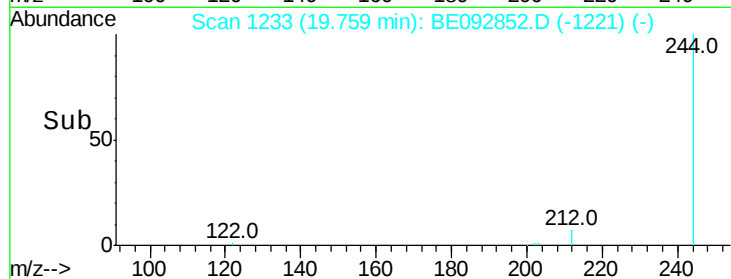
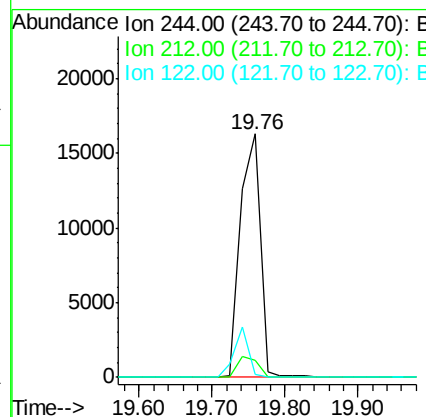
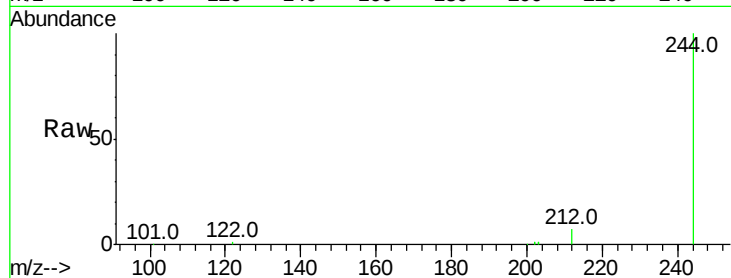
ClientSampleId :

W-1A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.7	10.1
122	1.1	3.6	5.4

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#29

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

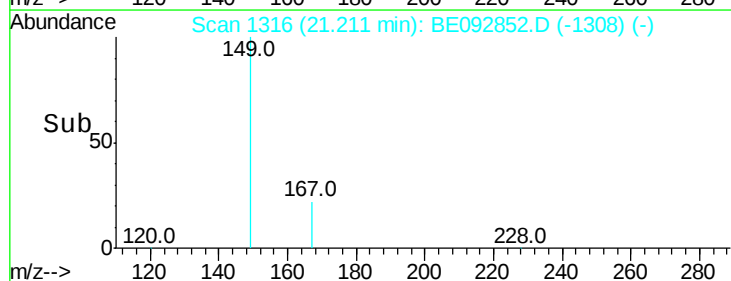
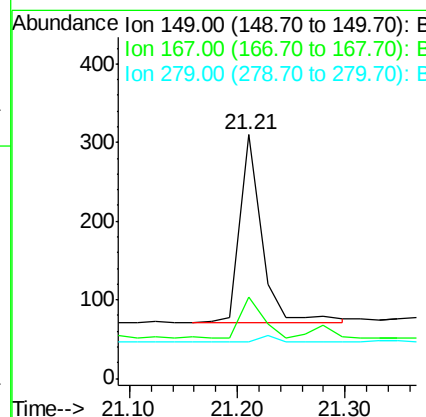
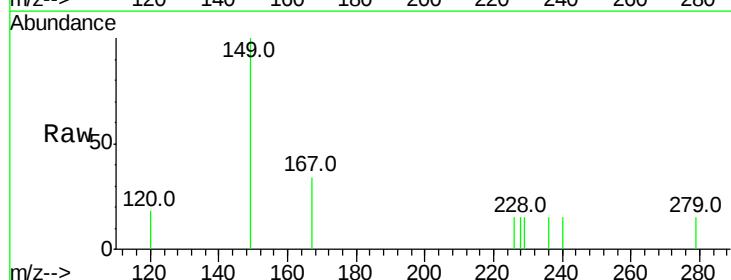
RT: 21.21 min Scan# 1316

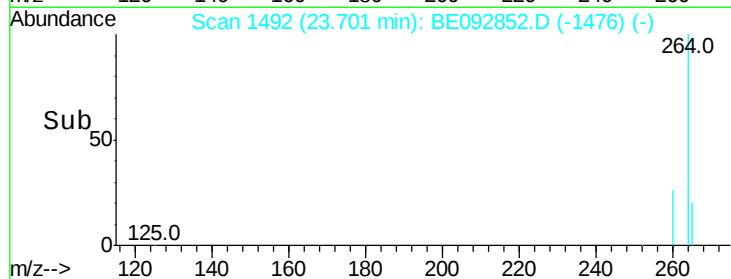
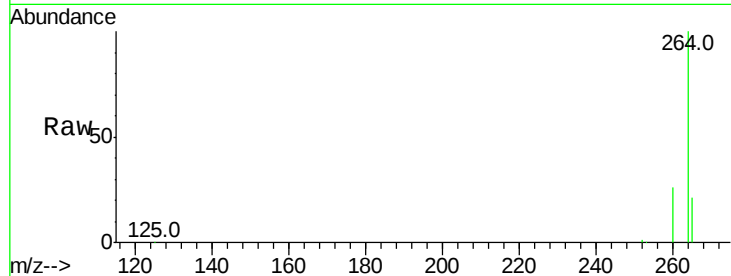
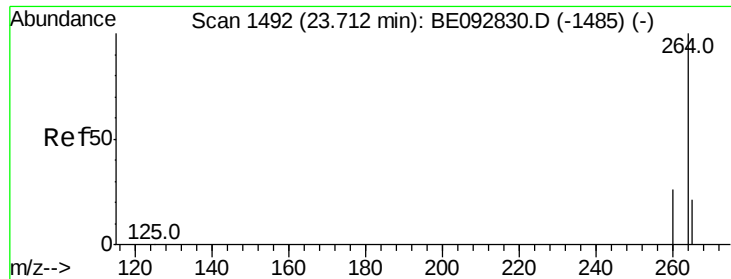
Delta R.T. -0.02 min

Lab File: BE092852.D

Acq: 29 Mar 2017 1:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.8	16.0	24.0
279	2.1	16.0	24.0





#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE092852.D
 Acq: 29 Mar 2017 1:13

Instrument :
 BNA_E
 ClientSampleId :
 W-1A

Tot Ion:	264	Resp:	37311
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.1	30.1
265	20.7	17.9	26.9

Manual Integrations
 APPROVED

mohammad
 3/29/2017 2:37:36 PM

