

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020117\
 Data File : BE092708.D
 Acq On : 1 Feb 2017 10:36
 Operator : SJ/MA
 Sample : I1505-05RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01RE

Manual Integrations
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mohammad
 2/2/2017 10:14:21 AM

Quant Time: Feb 01 14:10:31 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	11867	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	51553	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	27928	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	60907	5.00	ng	0.00
24) Chrysene-d12	21.72	240	61990	5.00	ng	0.00
31) Perylene-d12	24.06	264	12209	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	19933	7.52	ng	-0.02
5) Phenol-d6	7.31	99	17596	5.42	ng	-0.02
8) Nitrobenzene-d5	9.29	82	18625	5.57	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	9631	11.62	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	40438	5.89	ng	-0.02
26) Terphenyl-d14	20.14	244	50841	5.80	ng	-0.02
Target Compounds						
9) Naphthalene	10.95	128	89901	8.35	ng	Qvalue # 95
11) 2-Methylnaphthalene	12.59	142	6668m	1.00	ng	
15) Acenaphthylene	14.49	152	2514	0.07	ng	# 86
16) Acenaphthene	14.83	154	3000	0.49	ng	94
17) Fluorene	15.83	166	2342	0.30	ng	98
21) Phenanthrene	17.58	178	5321	0.40	ng	96
22) Anthracene	17.67	178	527m	0.04	ng	
23) Fluoranthene	19.58	202	2912	0.05	ng	# 95
25) Pyrene	19.93	202	1570	0.03	ng	# 90
29) Bis(2-ethylhexyl)phthalate	21.61	149	4450	0.56	ng	# 70

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

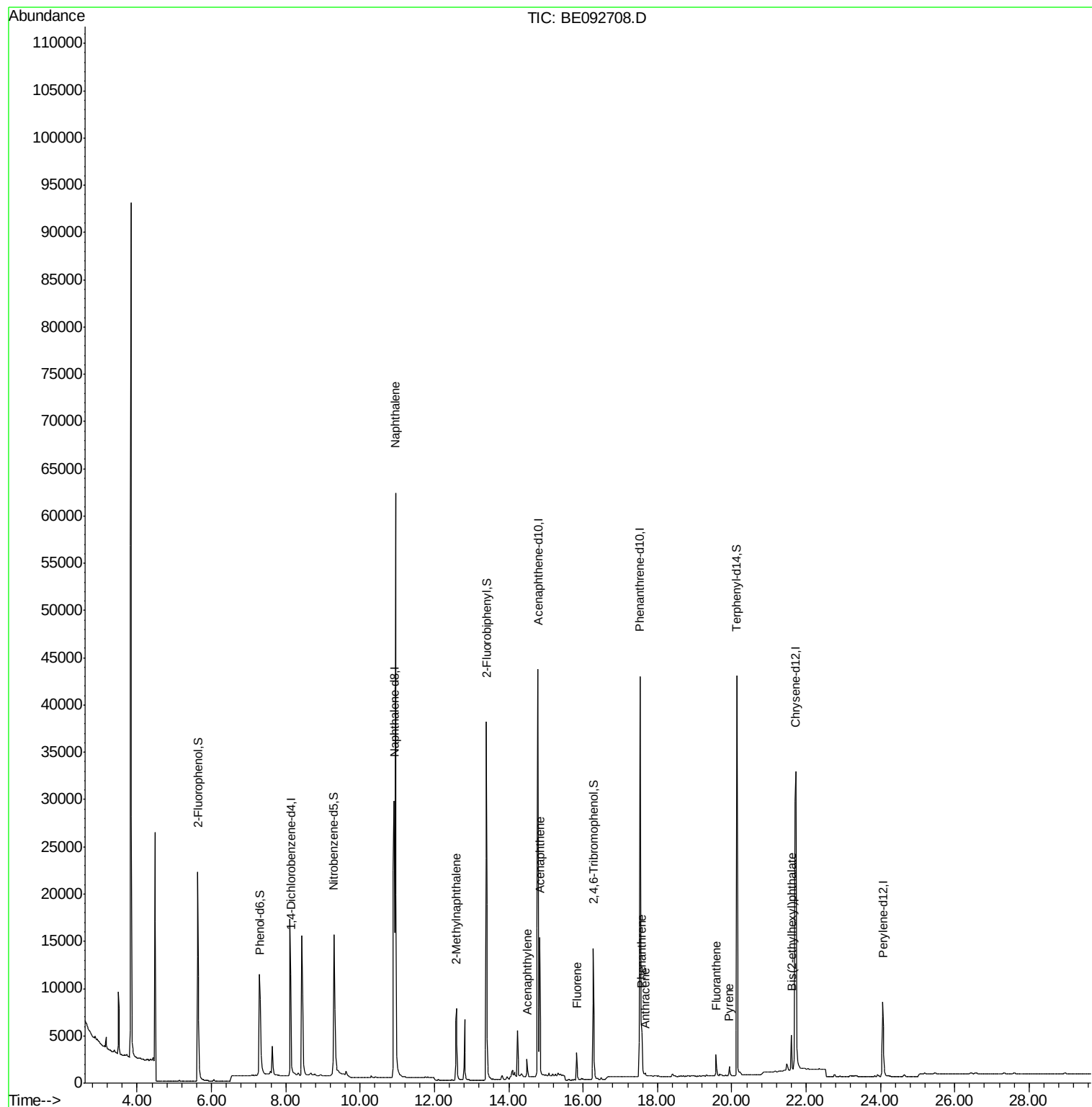
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020117\
Data File : BE092708.D
Acq On : 1 Feb 2017 10:36
Operator : SJ/MA
Sample : I1505-05RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

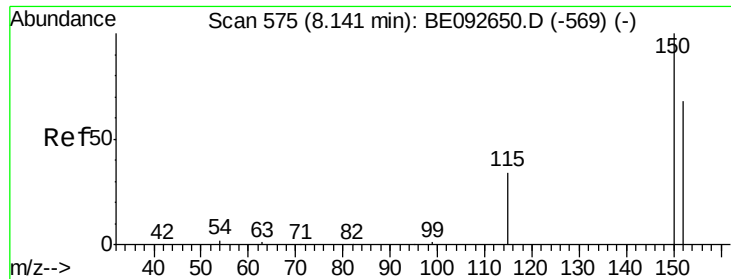
Instrument :
BNA_E
ClientSampleId :
SB-01RE

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2/2/2017 10:14:21 AM

Quant Time: Feb 01 14:10:31 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092708.D

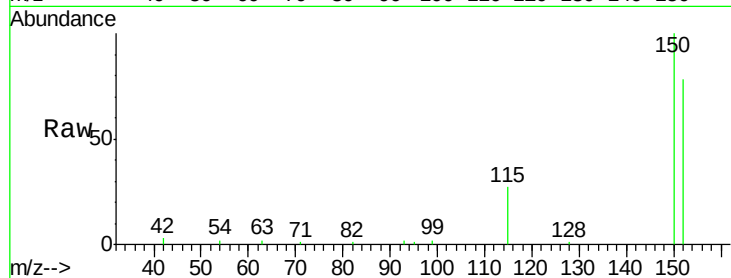
Acq: 1 Feb 2017 10:36

Instrument :

BNA_E

ClientSampled :

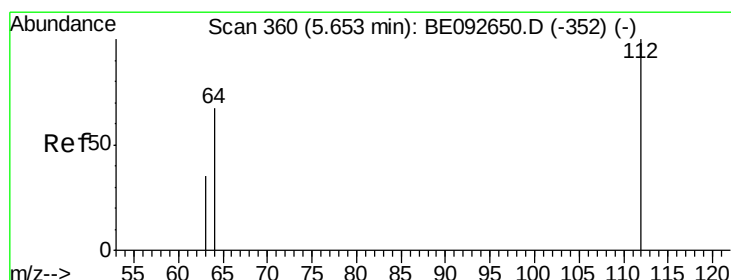
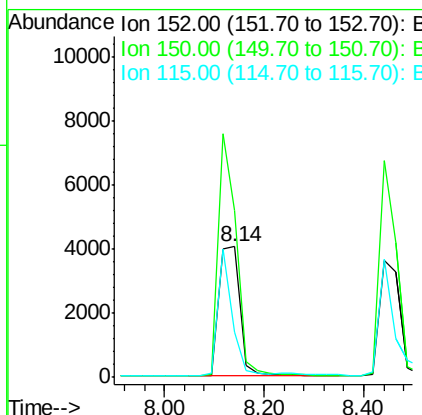
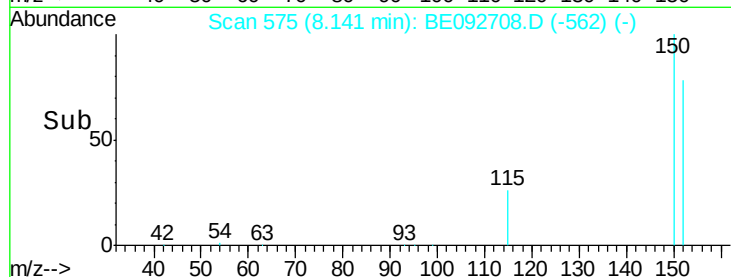
SB-01RE



Tgt Ion:	152	Resp:	11867
Ion Ratio	Lower	Upper	
152	100		
150	127.4	106.0	159.0
115	34.8	31.2	46.8

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#4

2-Fluorophenol

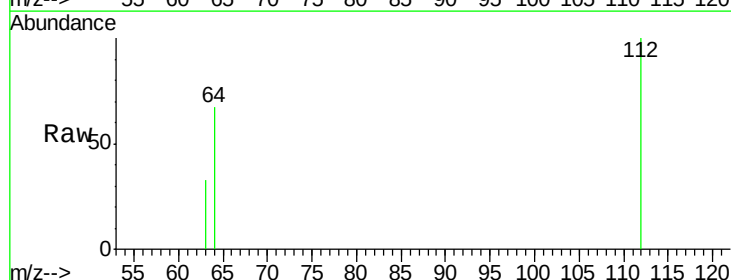
Concen: 7.52 ng

RT: 5.64 min Scan# 357

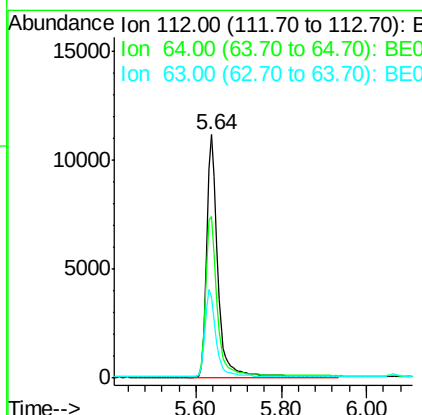
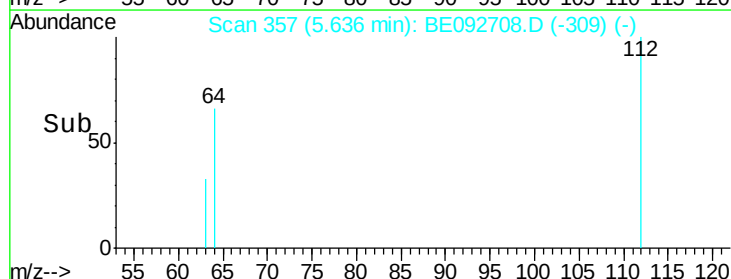
Delta R.T. -0.02 min

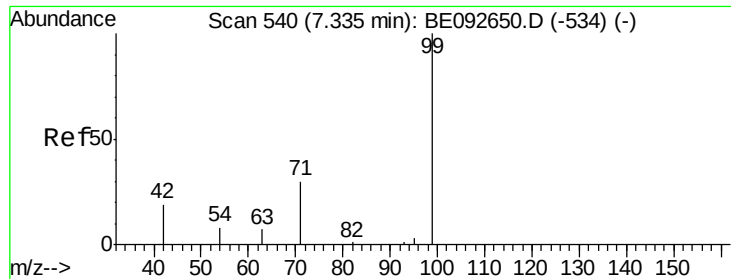
Lab File: BE092708.D

Acq: 1 Feb 2017 10:36



Tgt Ion:	112	Resp:	19933
Ion Ratio	Lower	Upper	
112	100		
64	68.0	53.5	80.3
63	36.2	27.9	41.9





#5

Phenol-d6

Concen: 5.42 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Instrument :

BNA_E

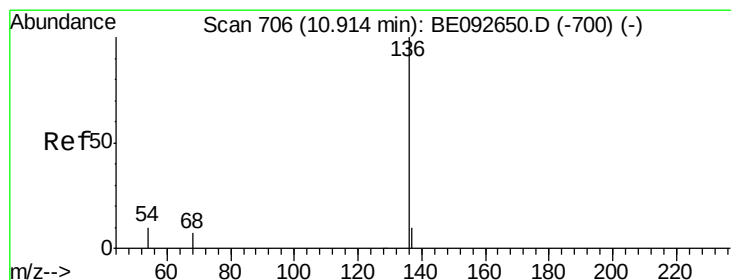
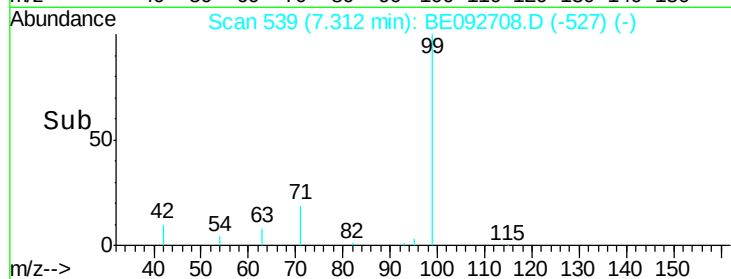
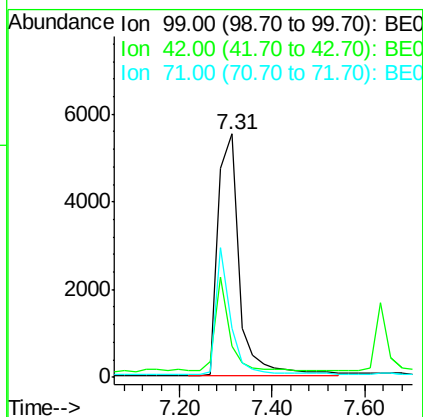
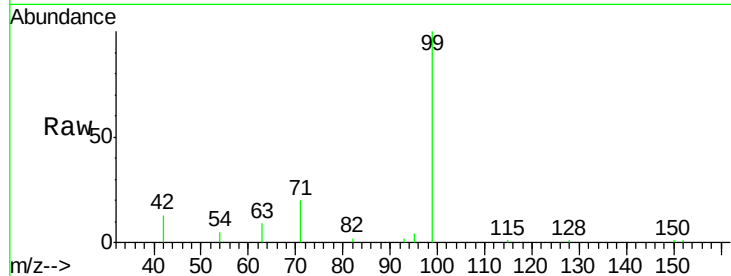
ClientSampleId :

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Tgt Ion:	99	Resp:	17596
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

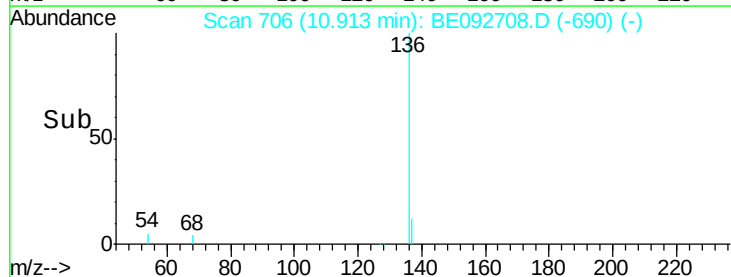
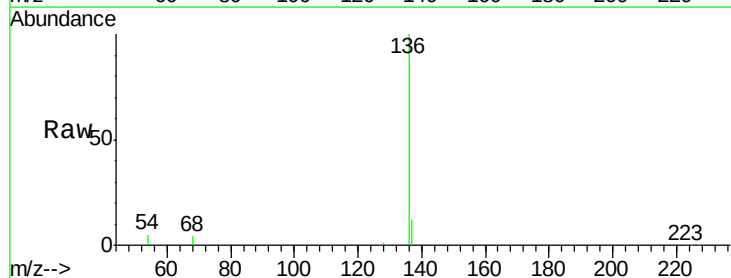
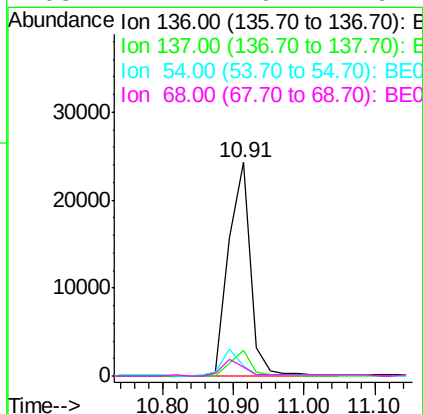
RT: 10.91 min Scan# 706

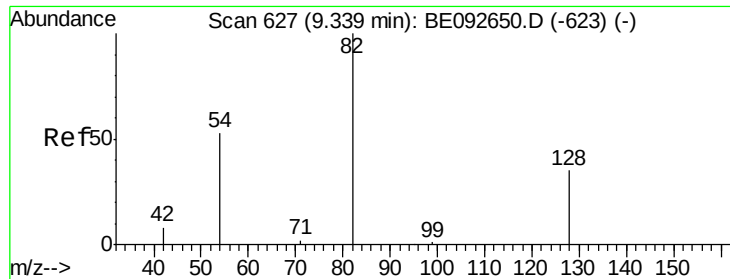
Delta R.T. -0.00 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Tgt Ion:	136	Resp:	51553
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.2	12.4
54	5.1	9.6	14.4#
68	4.1	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 5.57 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Instrument :

BNA_E

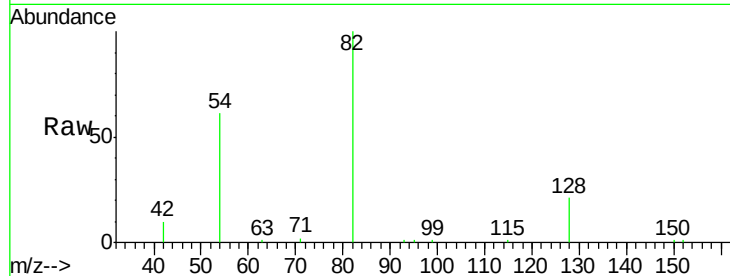
ClientSampled :

SB-01RE

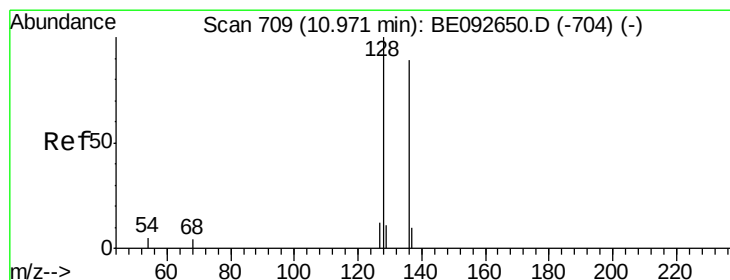
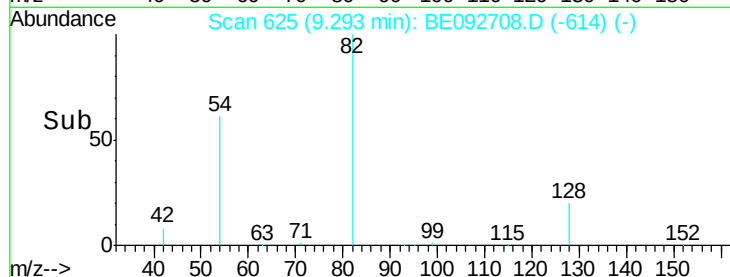
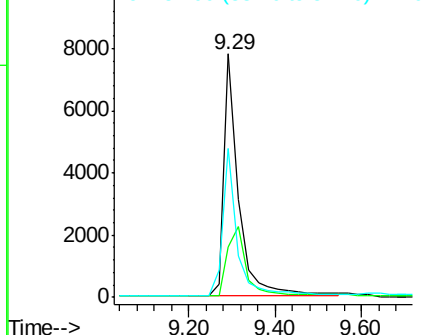
Tgt Ion:	82	Resp:	18625
Ion Ratio	Lower	Upper	
82	100		
128	20.6	39.0	58.4#
54	61.4	44.8	67.2

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



#9

Naphthalene

Concen: 8.35 ng

RT: 10.95 min Scan# 708

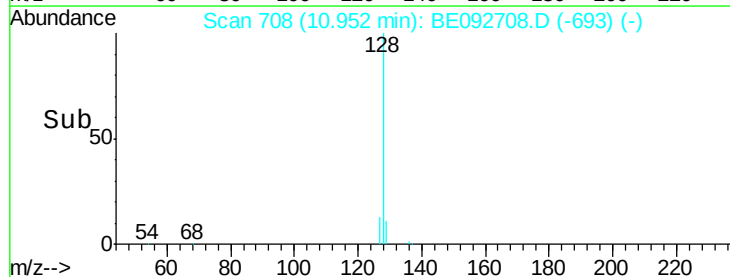
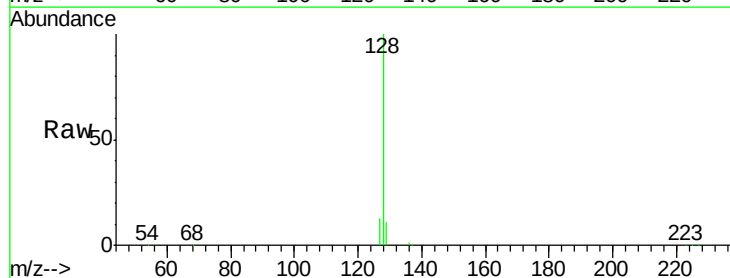
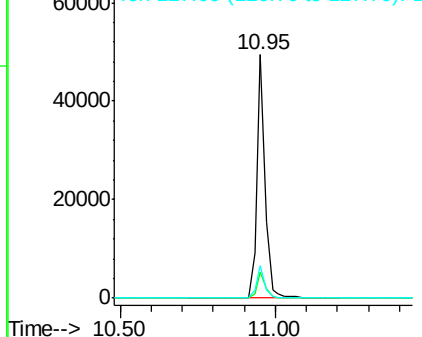
Delta R.T. -0.02 min

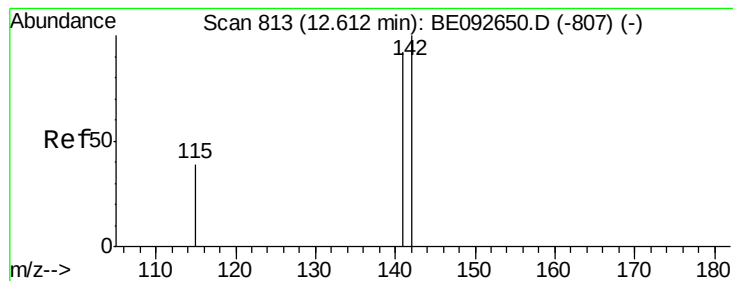
Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Tgt Ion:	128	Resp:	89901
Ion Ratio	Lower	Upper	
128	100		
129	10.9	11.2	16.8#
127	13.2	11.6	17.4

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





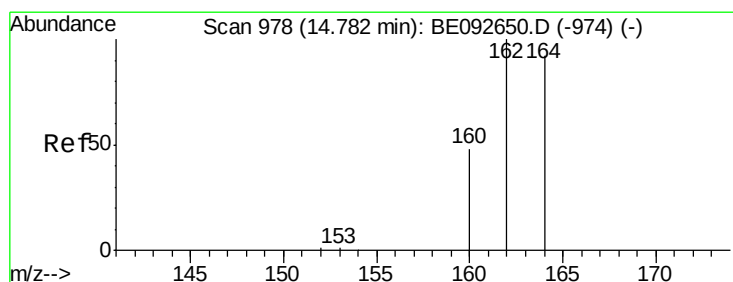
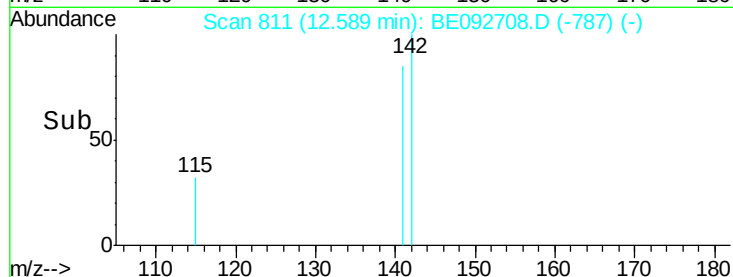
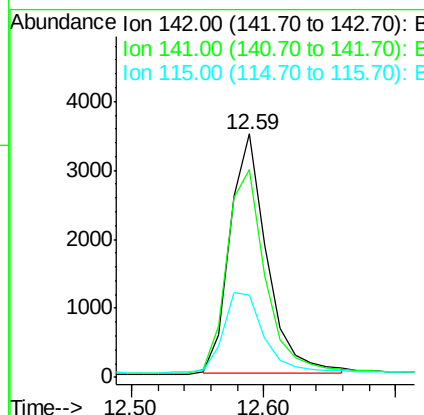
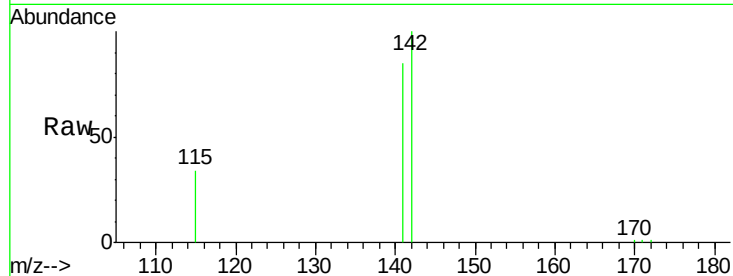
#11
2-Methylnaphthalene
Concen: 1.00 ng m
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :
SB-01RE

Tgt Ion:142 Resp: 6668
Ion Ratio Lower Upper
142 100
141 85.2 73.7 110.5
115 33.9 34.0 51.0#

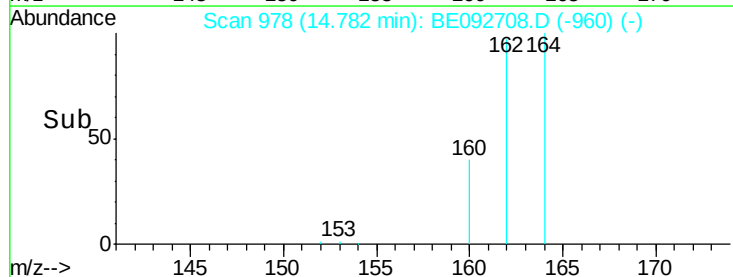
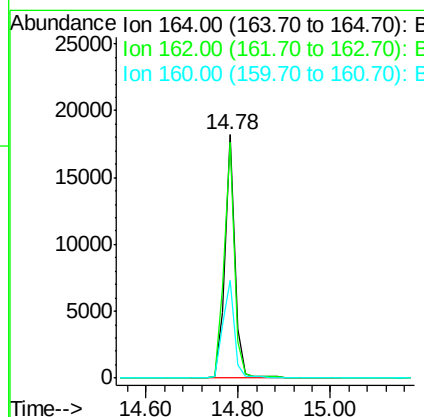
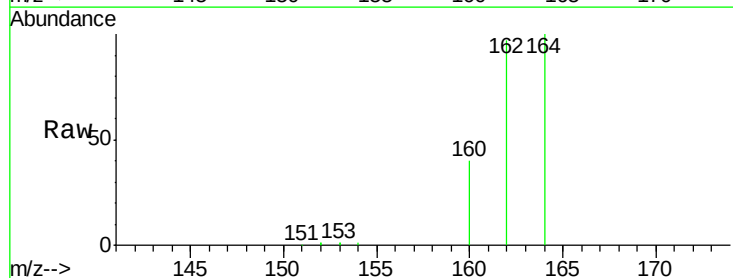
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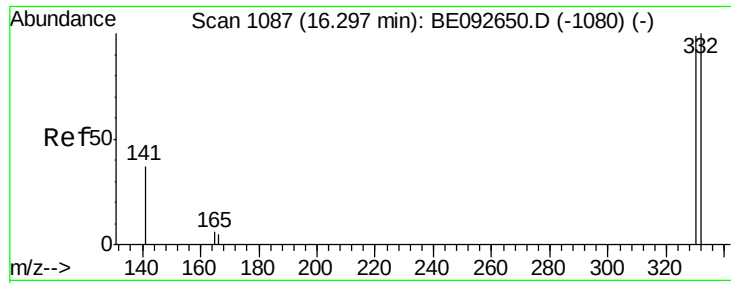
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:164 Resp: 27928
Ion Ratio Lower Upper
164 100
162 96.8 71.4 107.0
160 40.0 27.4 41.2





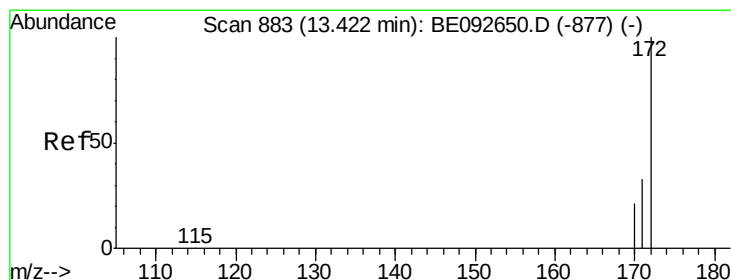
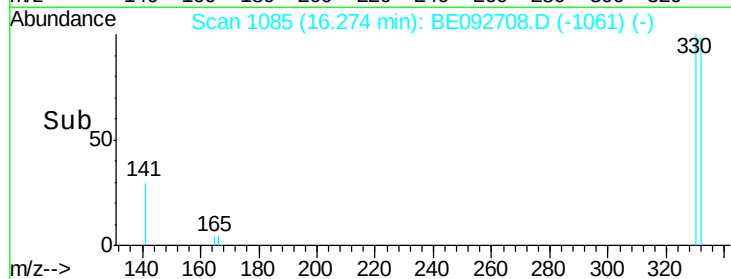
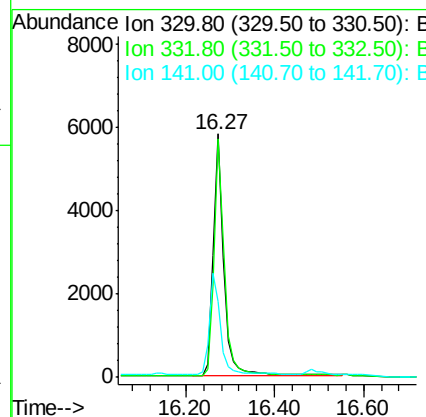
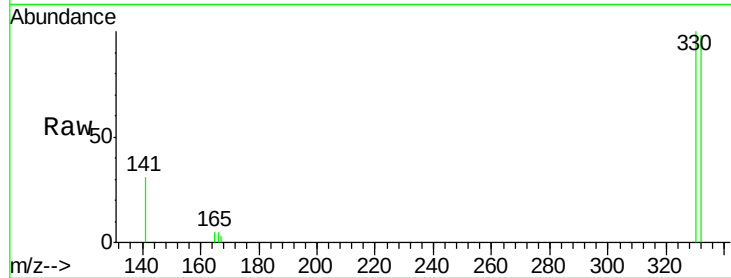
#13
 2,4,6-Tribromophenol
 Concen: 11.62 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092708.D
 Acq: 1 Feb 2017 10:36

Instrument :
 BNA_E
 ClientSampleId :
 SB-01RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	9631		
332	97.3	75.4	113.0	
141	44.0	31.0	46.6	

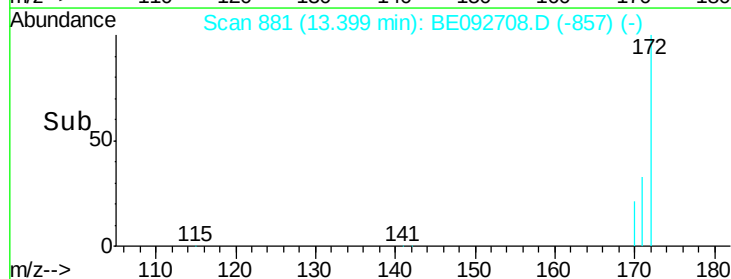
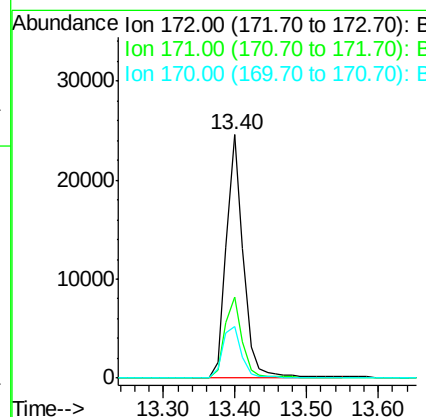
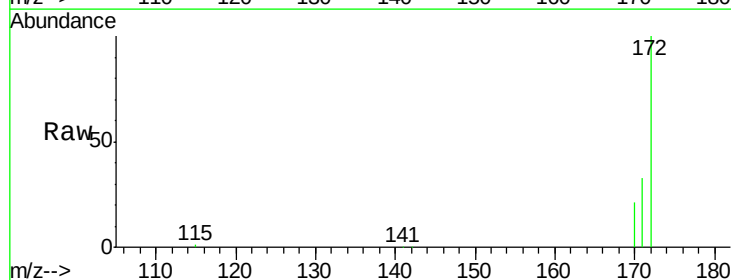
Manual Integrations
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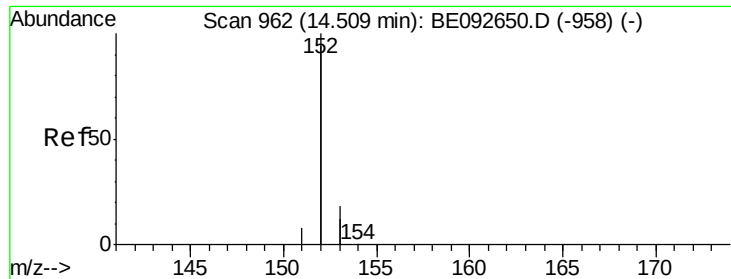
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#14
 2-Fluorobiphenyl
 Concen: 5.89 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092708.D
 Acq: 1 Feb 2017 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	40438		
171	33.1	30.1	45.1	
170	21.3	21.8	32.6	





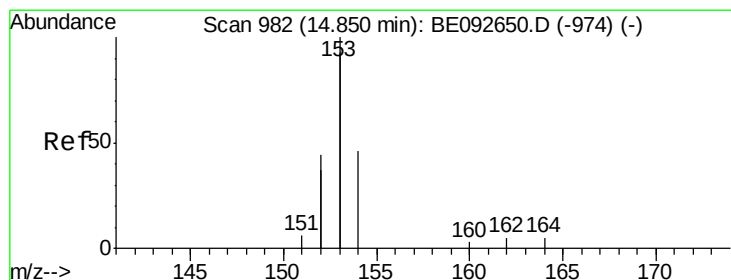
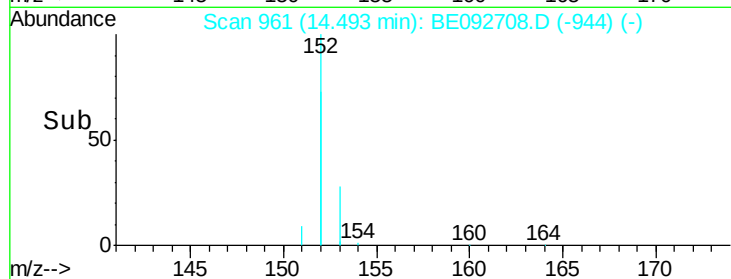
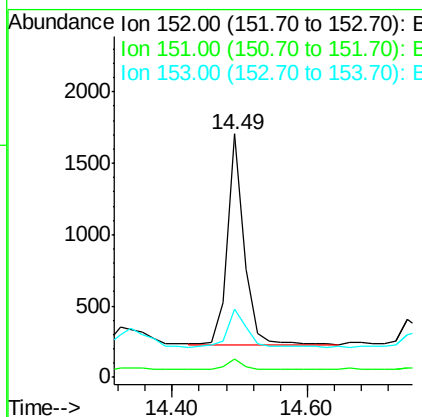
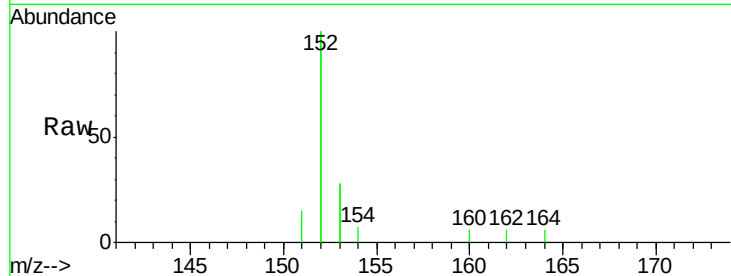
#15
Acenaphthylene
Concen: 0.07 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :
SB-01RE

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.8	3.9	5.9
153	20.2	10.4	15.6

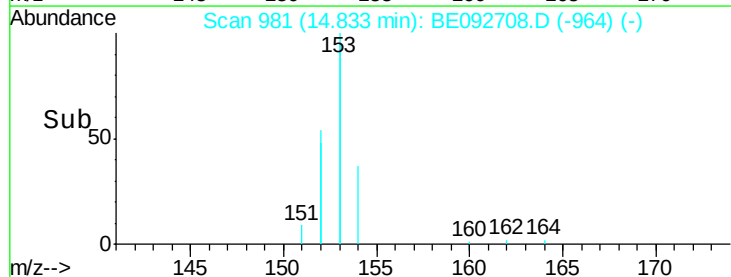
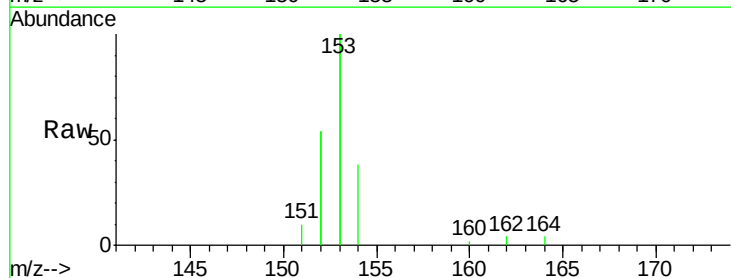
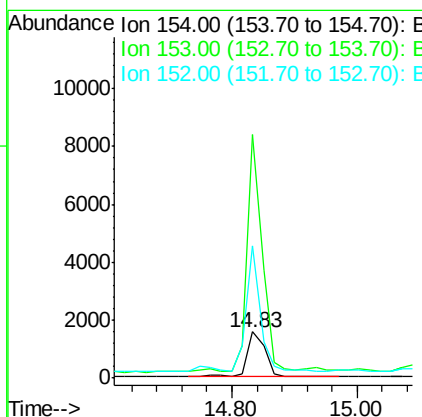
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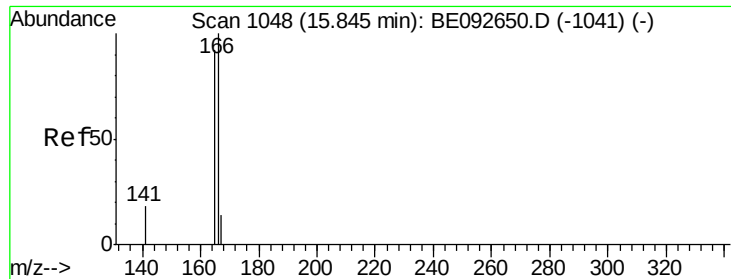
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#16
Acenaphthene
Concen: 0.49 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	456.2	350.8	526.2
152	222.4	171.1	256.7





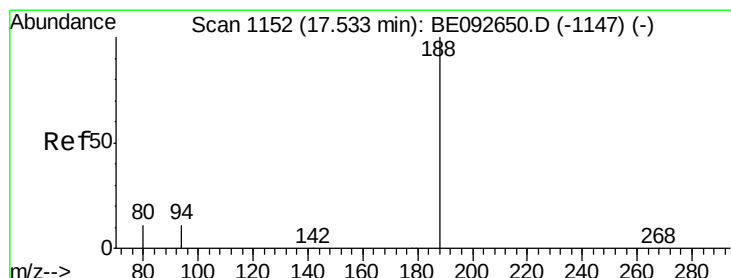
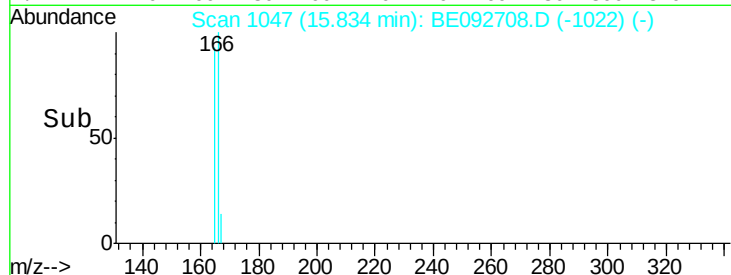
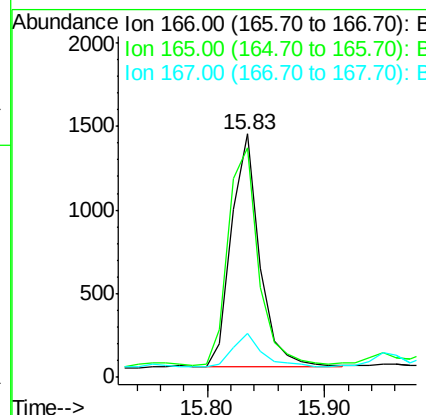
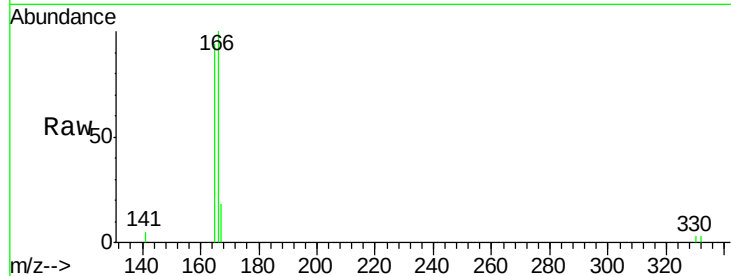
#17
Fluorene
Concen: 0.30 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :
SB-01RE

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.2	117.4
167	15.5	11.0	16.4

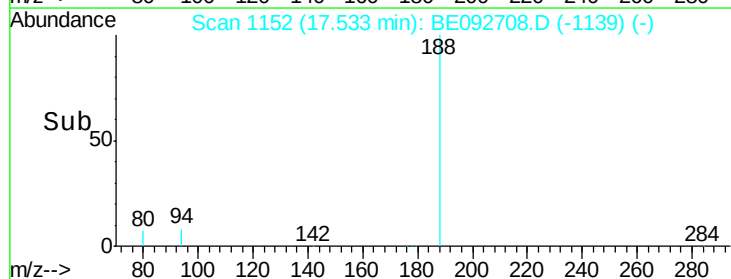
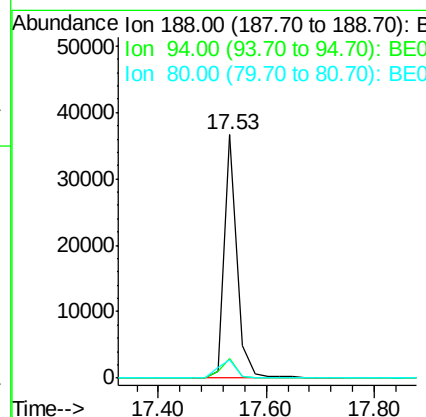
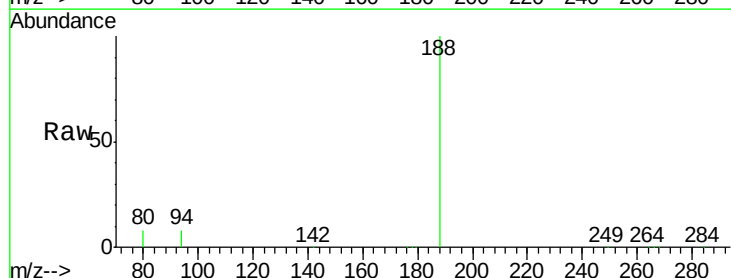
Manual Integrations
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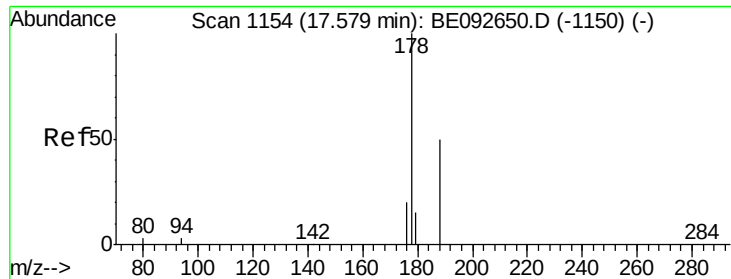
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	3.2	4.8#
80	7.6	2.6	3.8#





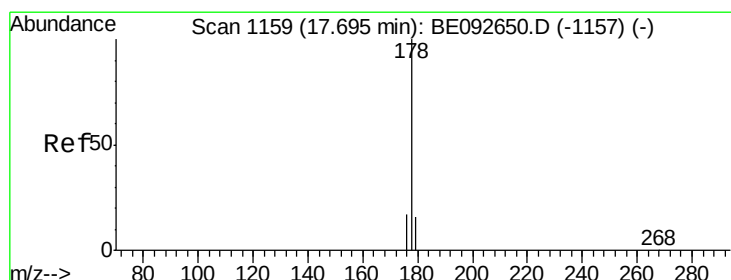
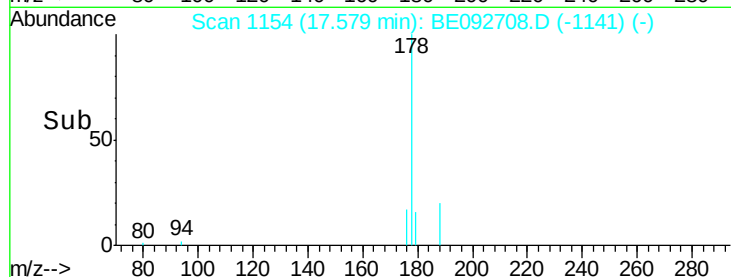
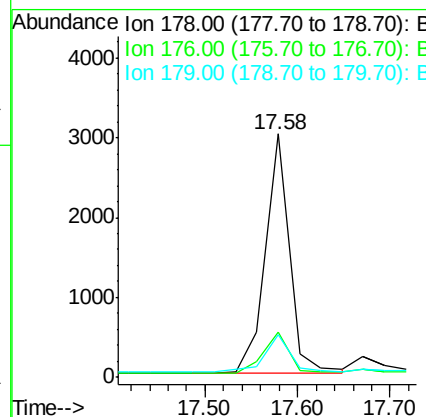
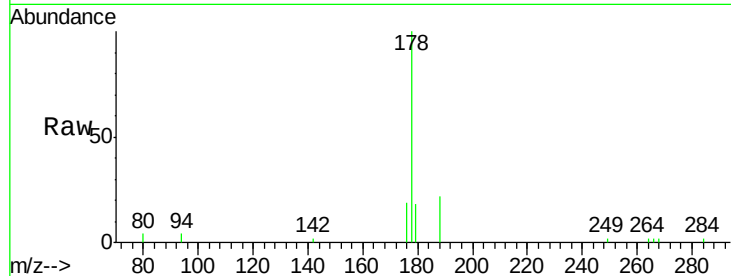
#21
Phenanthrene
Concen: 0.40 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :
SB-01RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.1	16.0	24.0

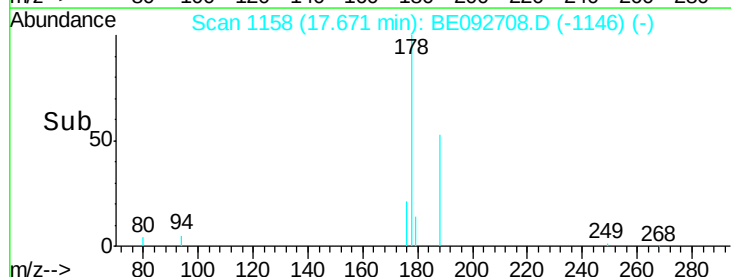
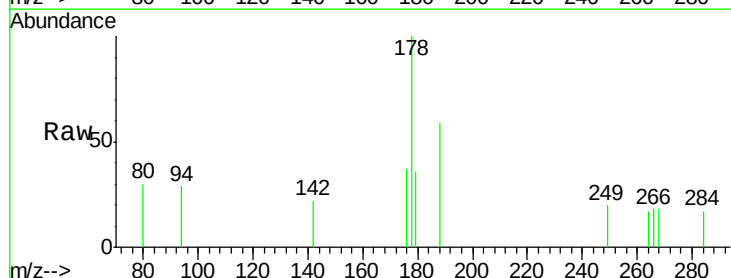
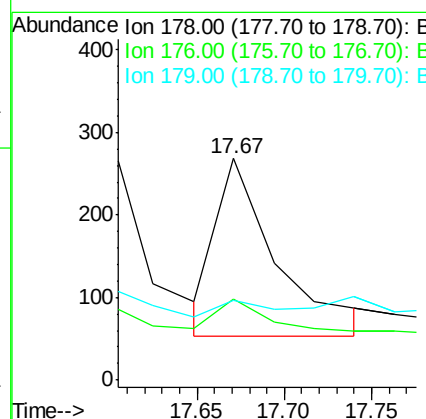
Manual Integrations
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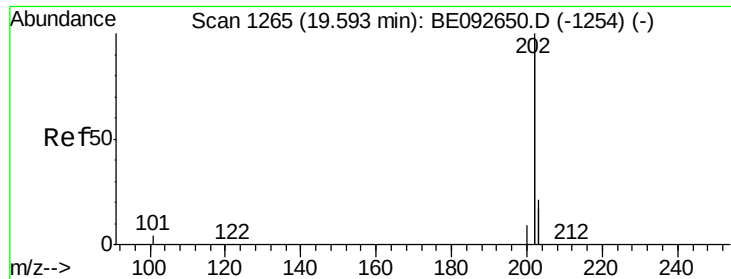
mohammad
2/2/2017 10:14:21 AM



#22
Anthracene
Concen: 0.04 ng m
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	188.6	15.0	22.4#
179	172.9	12.2	18.2#





#23

Fluoranthene

Concen: 0.05 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Instrument :

BNA_E

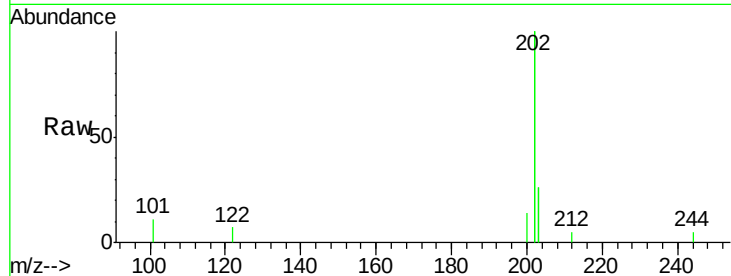
ClientSampled :

SB-01RE

Tgt Ion:	202	Resp:	2912
Ion Ratio	Lower	Upper	
202	100		
101	3.7	2.2	3.4#
203	19.4	13.7	20.5

Manual Integrations
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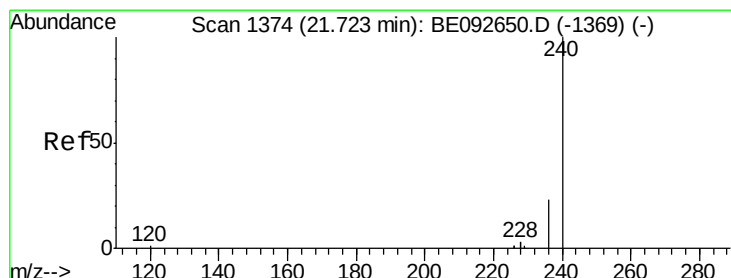
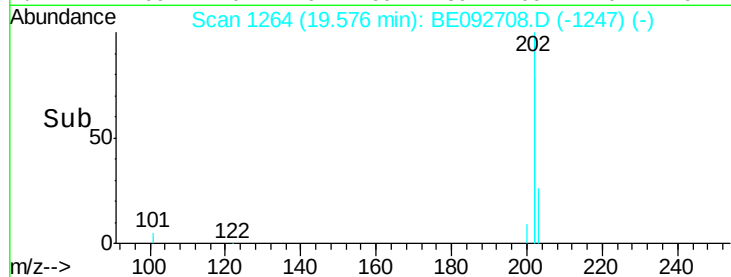
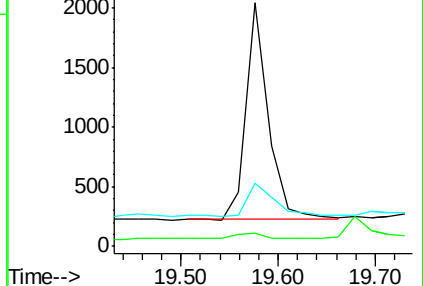
mohammad
2/2/2017 10:14:21 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

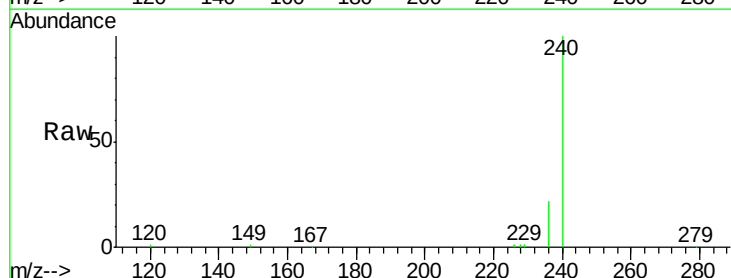
RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

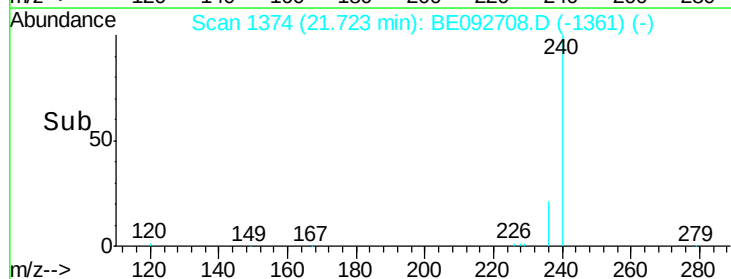
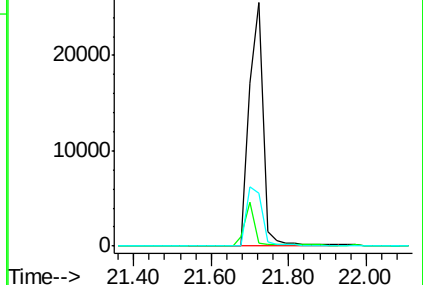
Tgt Ion:	240	Resp:	61990
Ion Ratio	Lower	Upper	
240	100		
120	1.3	2.6	4.0#
236	21.5	24.6	37.0#

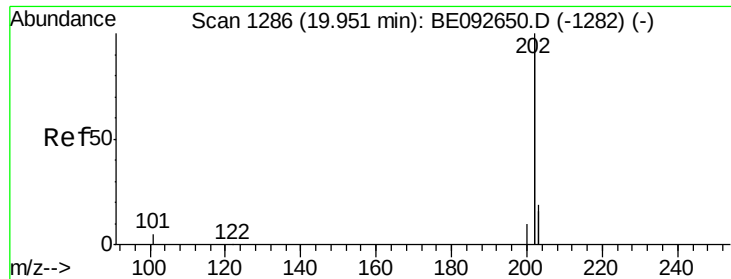


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.03 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

Instrument :

BNA_E

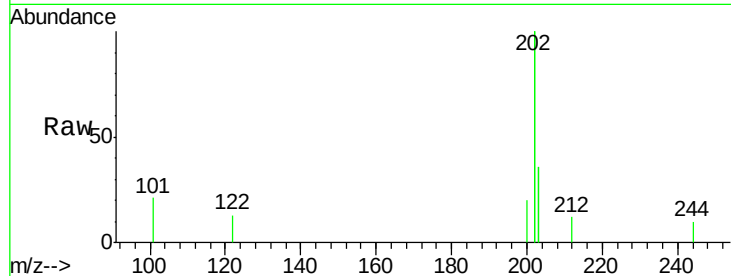
ClientSampleId :

SB-01RE

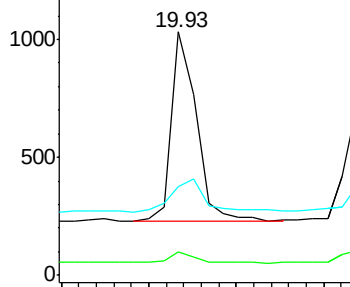
Tgt Ion:	202	Resp:	1570
Ion Ratio	Lower	Upper	
202	100		
200	5.9	4.2	6.4
203	22.7	13.9	20.9#

Manual Integrations
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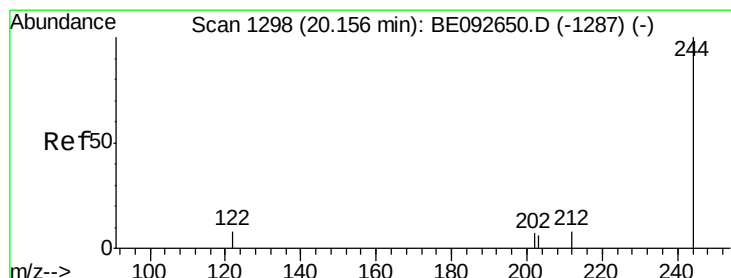
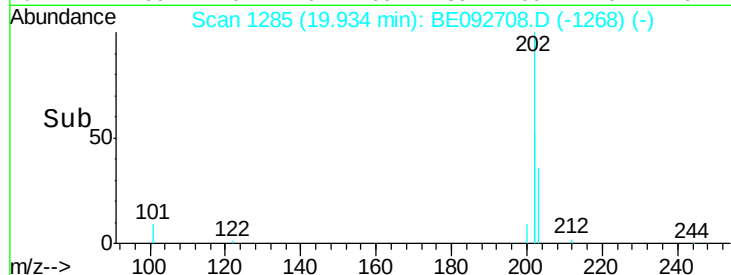
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.80 19.90 20.00 20.10



#26

Terphenyl-d14

Concen: 5.80 ng

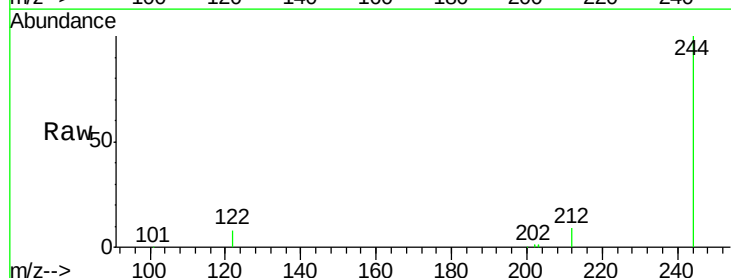
RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

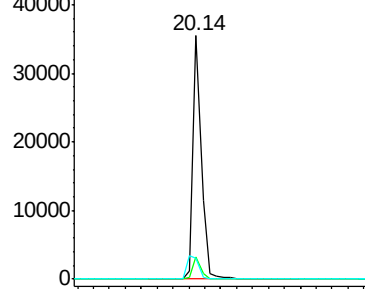
Lab File: BE092708.D

Acq: 1 Feb 2017 10:36

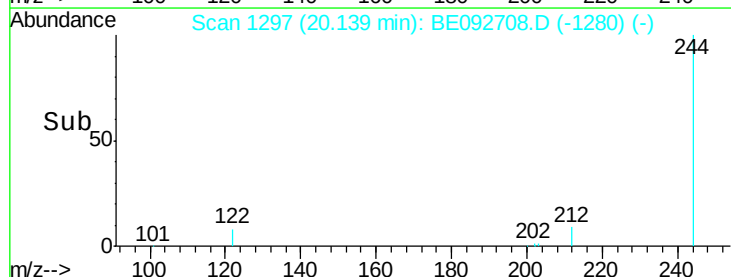
Tgt Ion:	244	Resp:	50841
Ion Ratio	Lower	Upper	
244	100		
212	9.3	6.7	10.1
122	8.4	3.6	5.4#

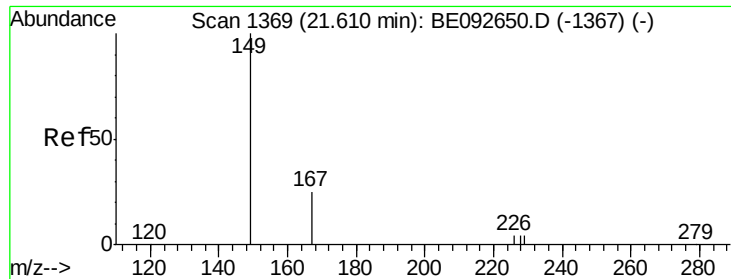


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.20 20.40





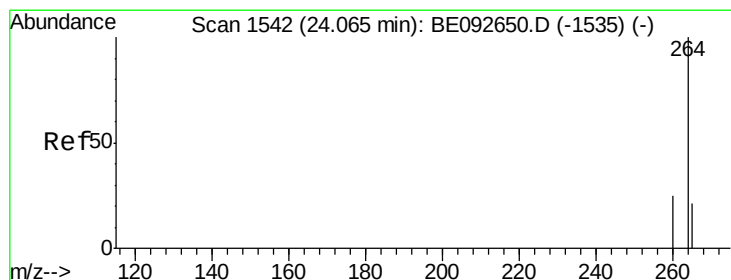
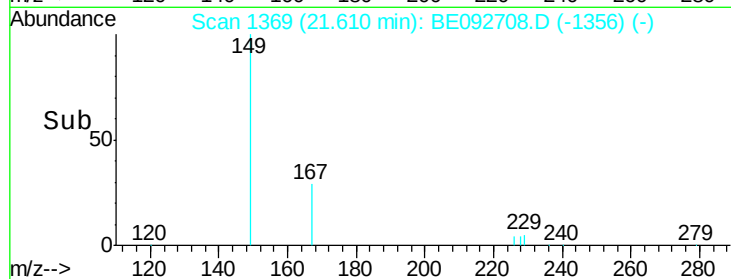
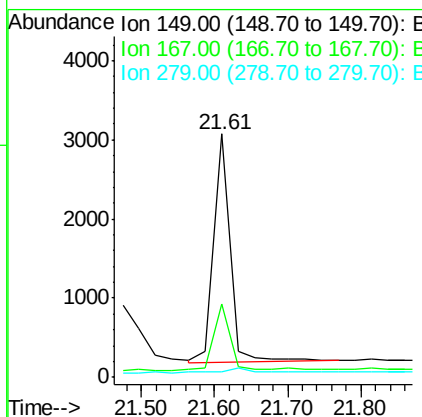
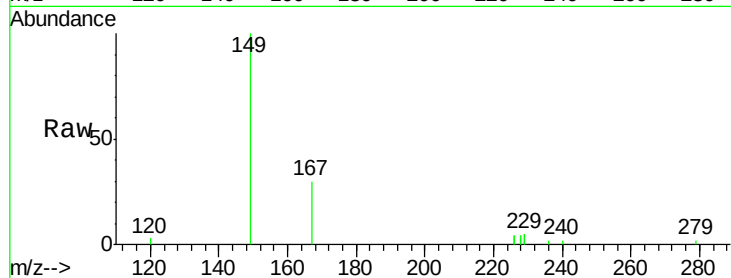
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.56 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092708.D
 Acq: 1 Feb 2017 10:36

Instrument :
 BNA_E
 ClientSampleId :
 SB-01RE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	4450		
167	28.0	16.0	24.0#	
279	0.0	16.0	24.0#	

Manual Integrations
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#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BE092708.D
 Acq: 1 Feb 2017 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	12209		
260	31.7	20.1	30.1#	
265	24.7	17.9	26.9	

