

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE093006.D
 Acq On : 11 May 2017 21:13
 Operator : SJ/MA
 Sample : I3058-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-170508

Manual Integrations
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mohammad
 5/12/2017 11:34:46 AM

Quant Time: May 12 11:22:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	849	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	3526	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1673	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4555	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5494	0.40	ng	0.00
34) Perylene-d12	23.69	264	4689	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	408	0.18	ng	0.00
5) Phenol-d6	6.92	99	328	0.11	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1201	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1761	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	206	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3544	0.53	ng	0.00
25) Fluoranthene-d10	19.14	212	4917	0.41	ng	-0.02
29) Terphenyl-d14	19.74	244	6537	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	160	0.09	ng	Qvalue # 29
26) Fluoranthene	19.16	202	5226	0.09	ng	# 59
28) Pyrene	19.53	202	4728	0.07	ng	# 87
30) Benzo(a)anthracene	21.25	228	763	0.06	ng	# 60
31) Chrysene	21.32	228	702m	0.04	ng	
32) Bis(2-ethylhexyl)phthalate	21.20	149	45637	6.80	ng	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	2274	0.04	ng	97
35) Benzo(b)fluoranthene	22.95	252	1042m	0.07	ng	
36) Benzo(k)fluoranthene	22.99	252	396m	0.03	ng	
37) Benzo(a)pyrene	23.58	252	653	0.05	ng	# 53
39) Benzo(a,h,i)perylene	27.00	276	2171	0.04	ng	# 60

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

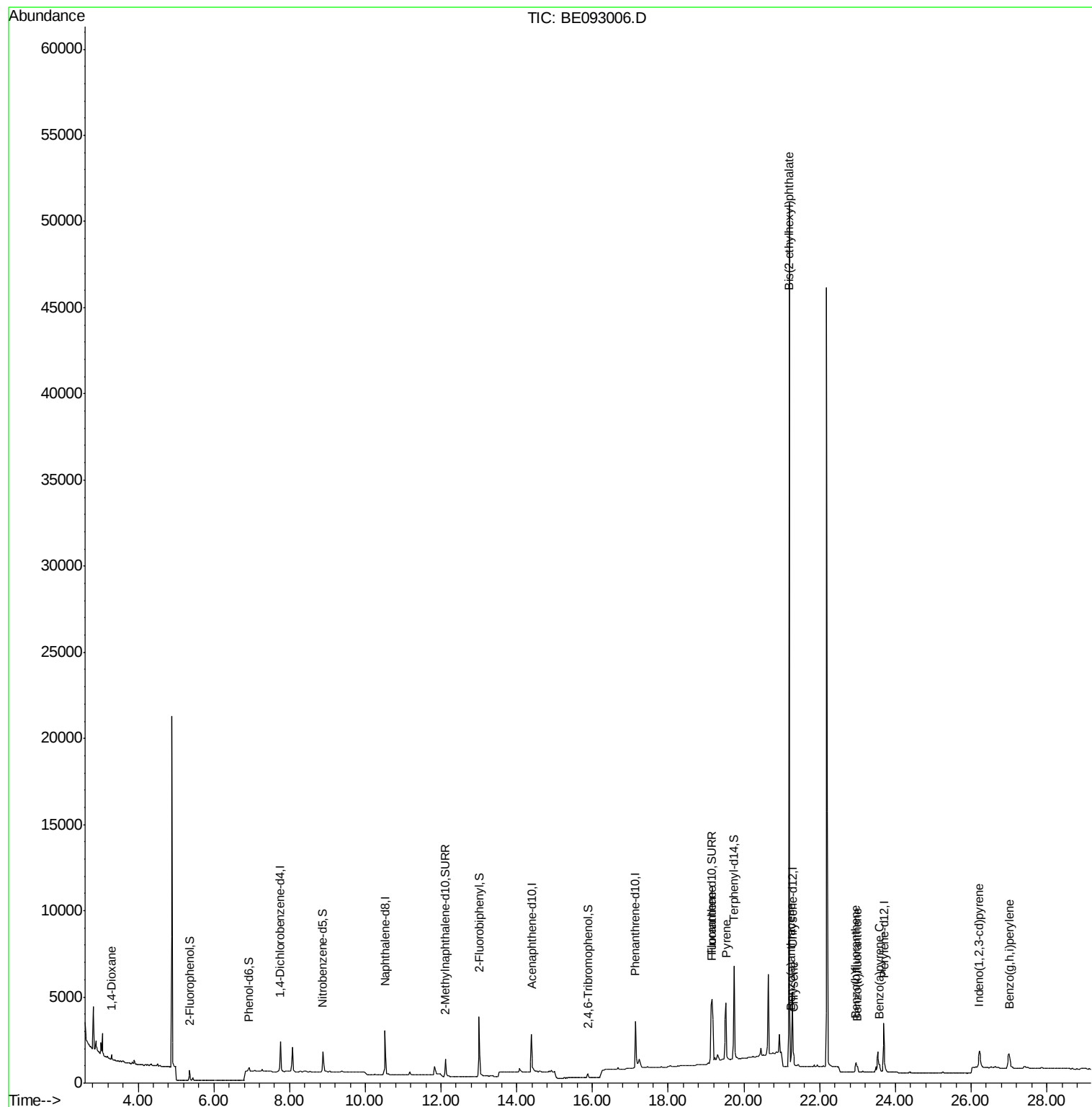
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

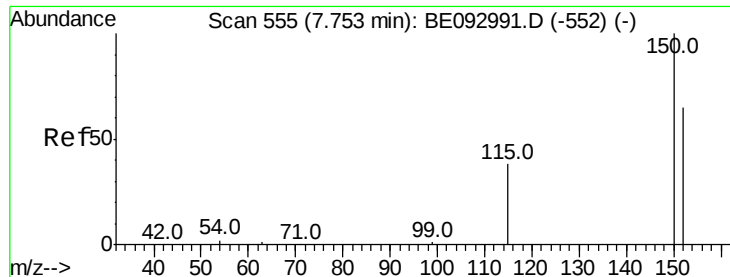
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

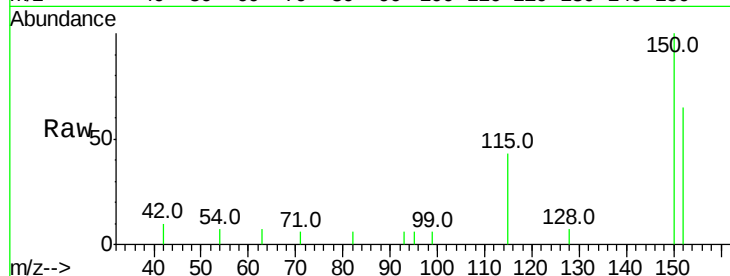
ClientSampleId :

LF017MW004-170508

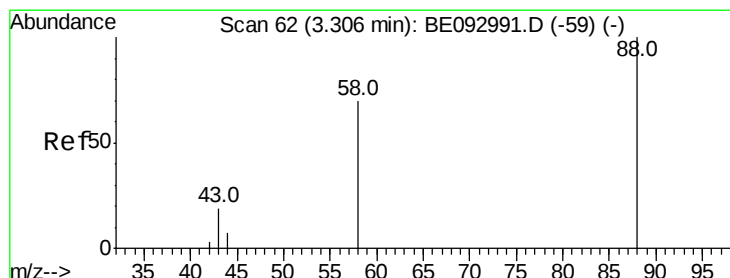
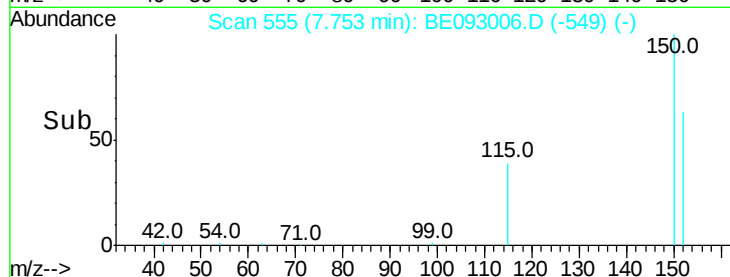
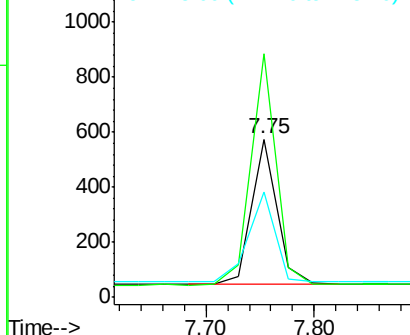
Tot Ion:	152	Resp:	849
Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.1	187.7
115	66.6	55.7	83.5

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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



#2

1,4-Dioxane

Concen: 0.09 ng

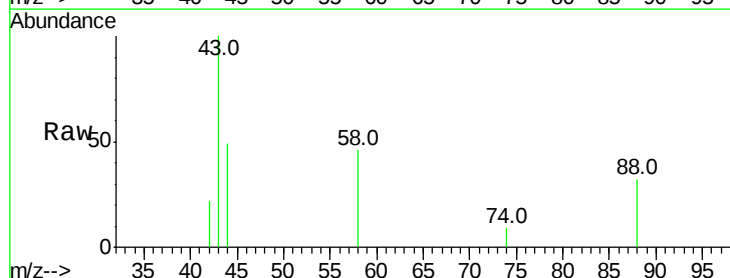
RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

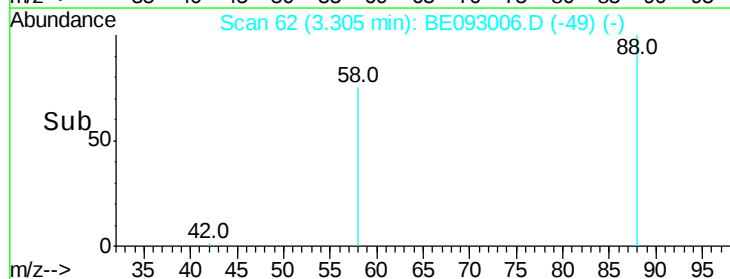
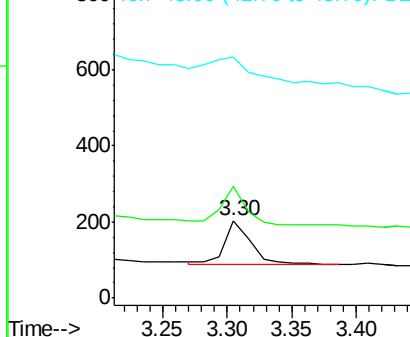
Lab File: BE093006.D

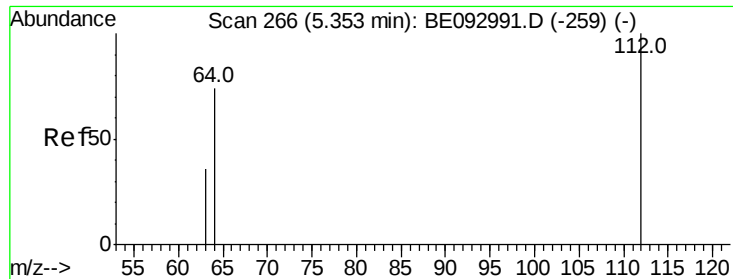
Acq: 11 May 2017 21:13

Tgt Ion:	88	Resp:	160
Ion	Ratio	Lower	Upper
88	100		
58	92.5	62.2	93.4
43	143.8	23.2	34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.18 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

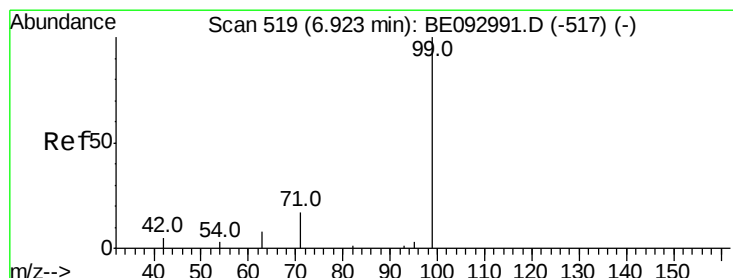
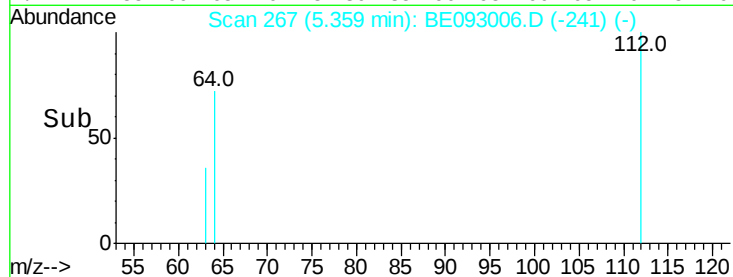
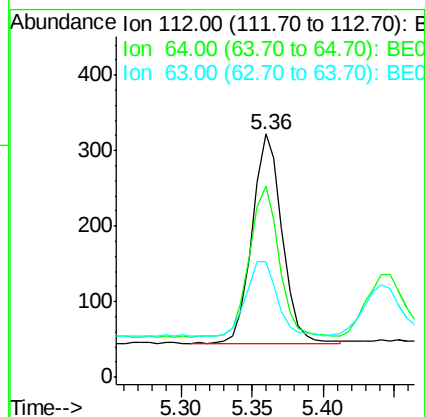
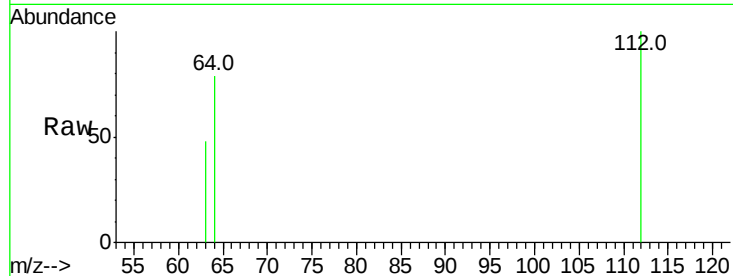
ClientSampleId :

LF017MW004-170508

Tot Ion:	112	Resp:	408
Ion Ratio	Lower	Upper	
112	100		
64	71.8	56.4	84.6
63	36.0	29.3	43.9

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#5

Phenol-d6

Concen: 0.11 ng

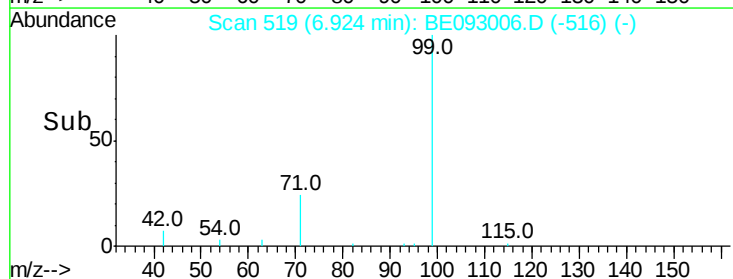
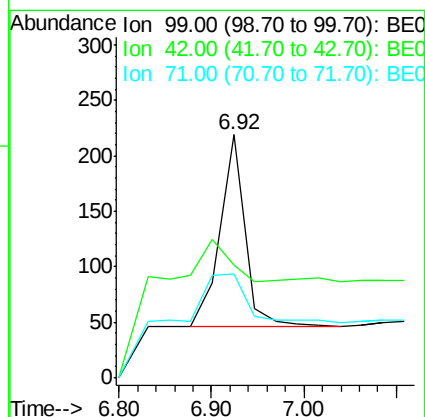
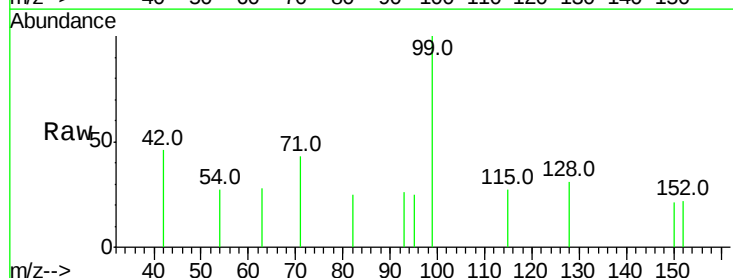
RT: 6.92 min Scan# 519

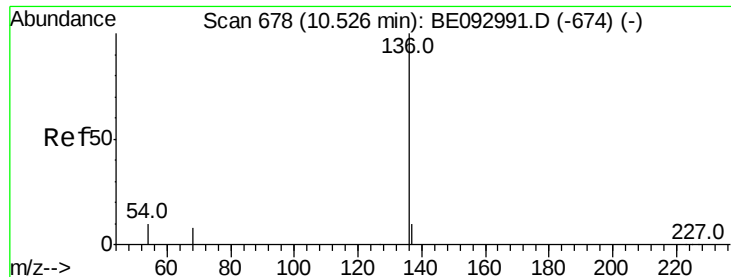
Delta R.T. -0.02 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Tgt Ion:	99	Resp:	328
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	40.9	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

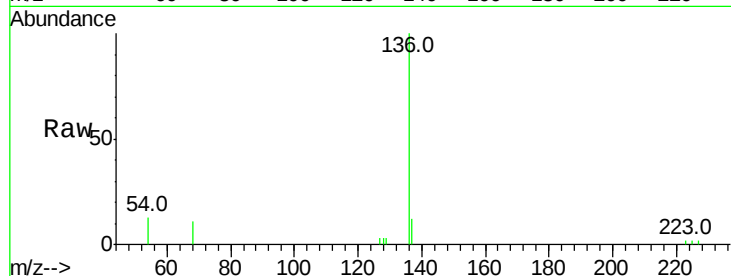
ClientSampleId :

LF017MW004-170508

Tot Ion:	136	Resp:	3526
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.8	14.8
54	13.2	10.3	15.5
68	11.5	9.0	13.4

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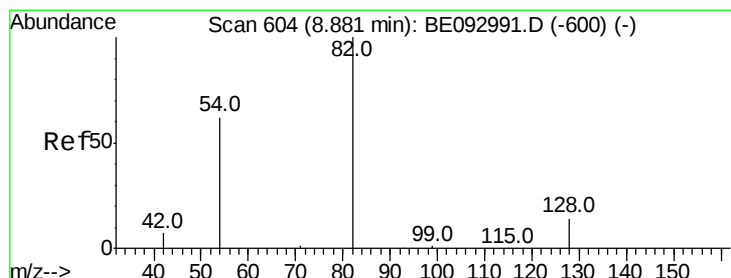
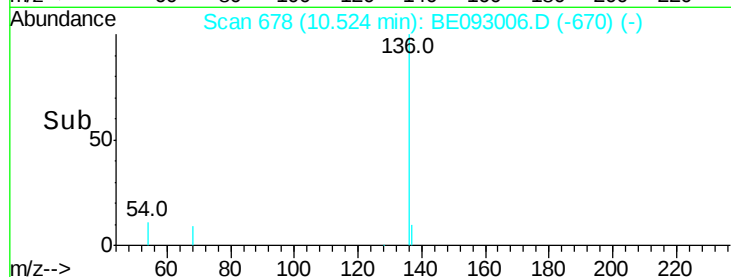
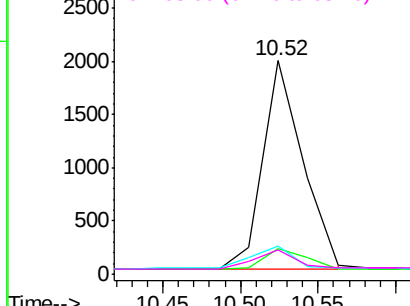


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

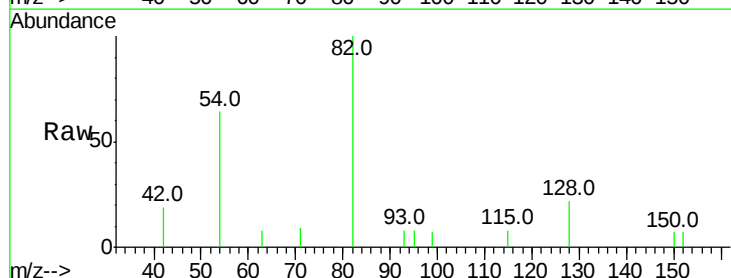
RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

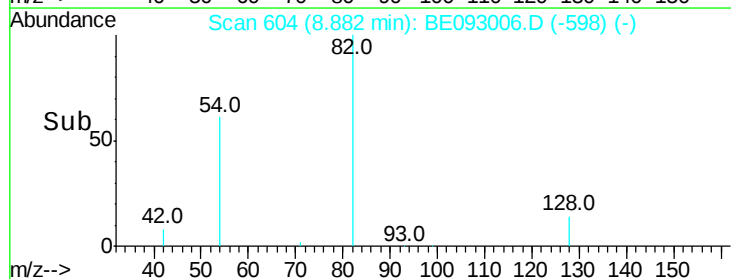
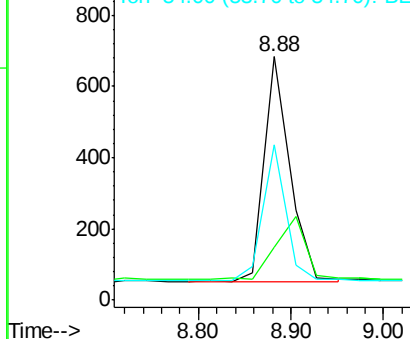
Tgt Ion:	82	Resp:	1201
Ion Ratio	Lower	Upper	
82	100		
128	21.9	17.0	25.4
54	63.9	53.8	80.6

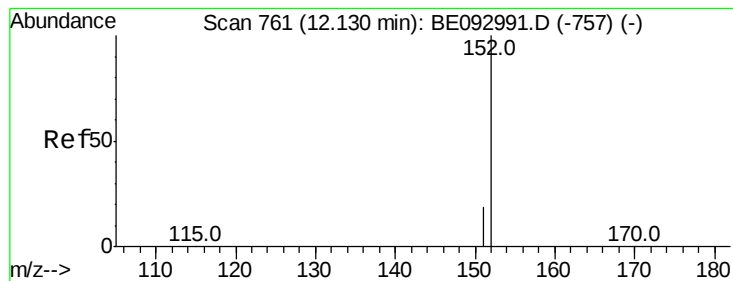


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





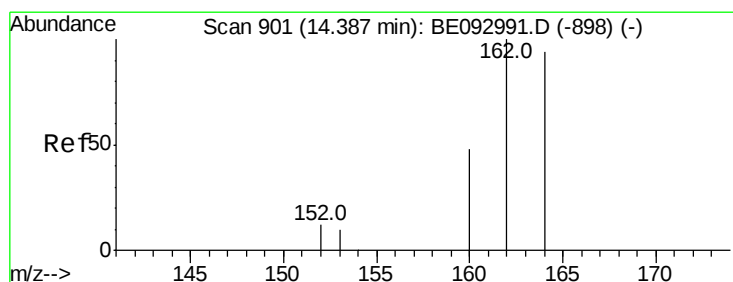
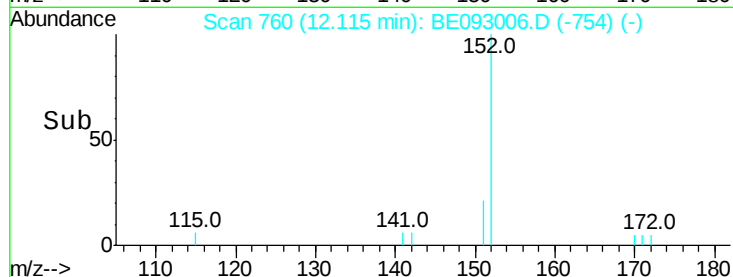
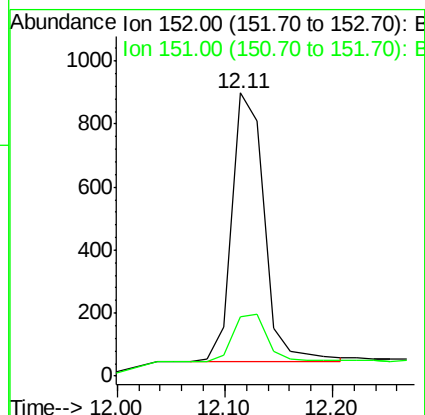
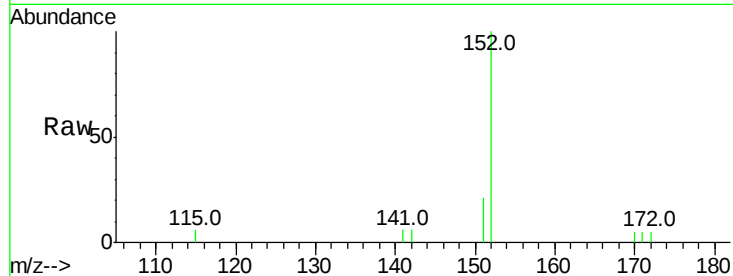
#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.11 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE093006.D
 Acq: 11 May 2017 21:13

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-170508

Tot Ion:152 Resp: 1761
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.1 22.7

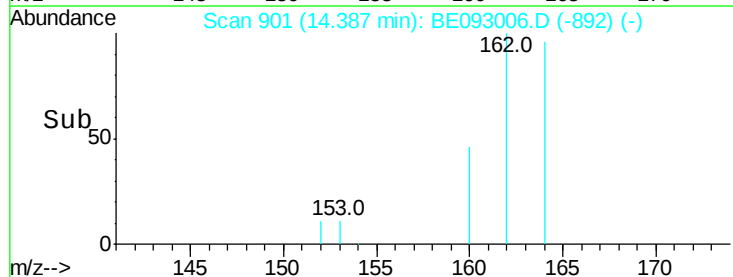
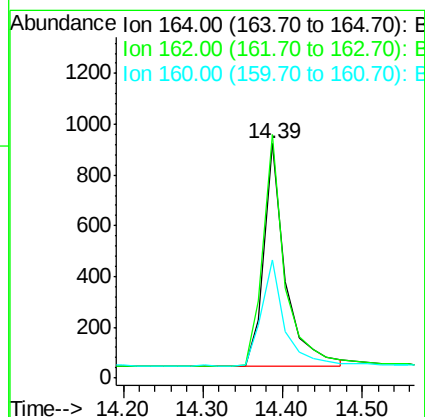
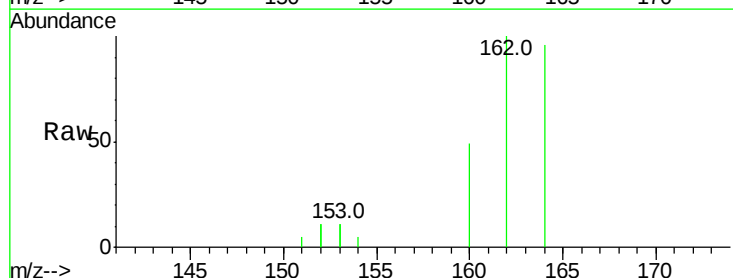
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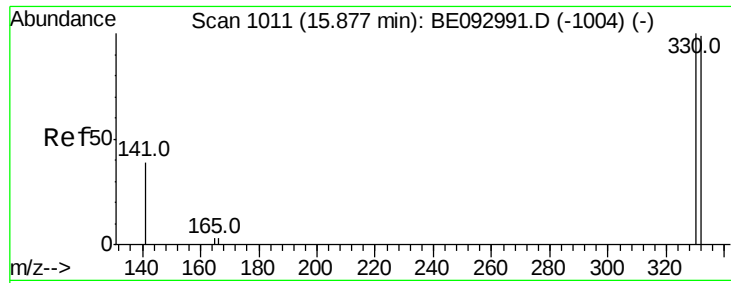
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#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE093006.D
 Acq: 11 May 2017 21:13

Tgt Ion:164 Resp: 1673
 Ion Ratio Lower Upper
 164 100
 162 103.8 84.6 127.0
 160 50.4 41.8 62.6





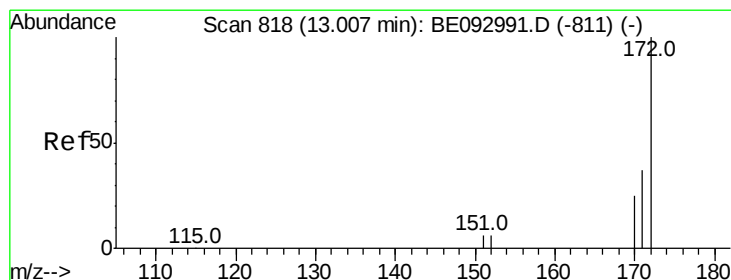
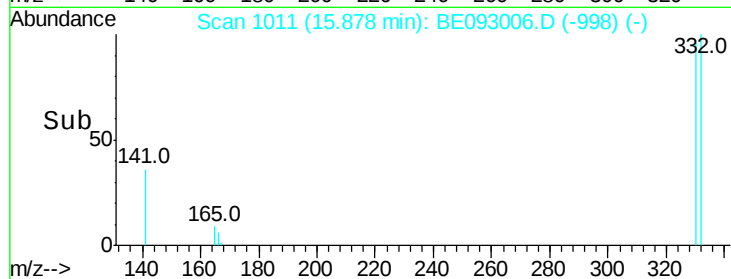
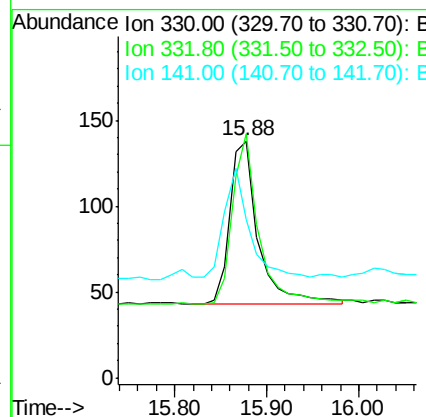
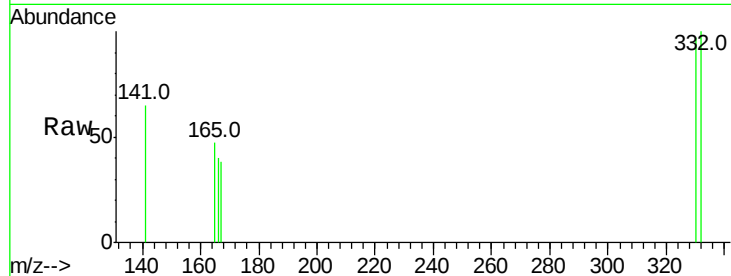
#14
 2,4,6-Tribromophenol
 Concen: 0.45 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BE093006.D
 Acq: 11 May 2017 21:13

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	57.8	56.2	84.4

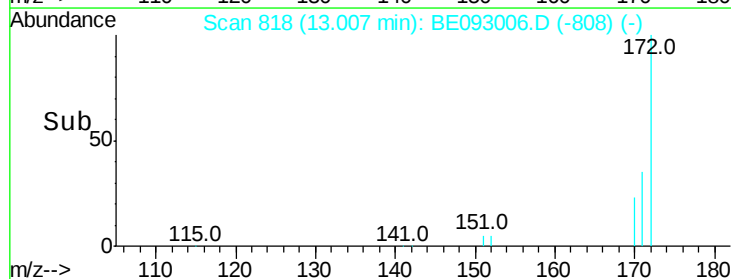
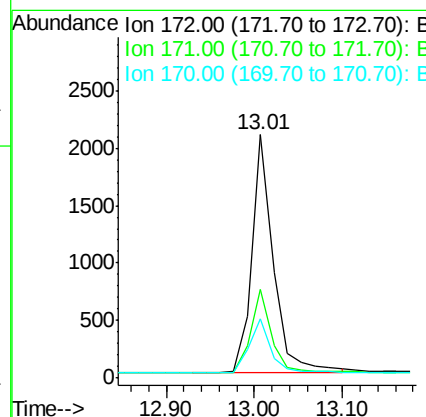
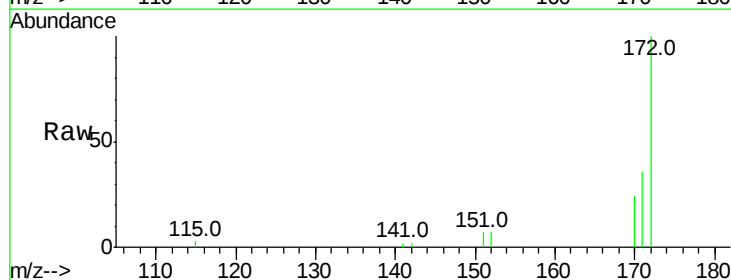
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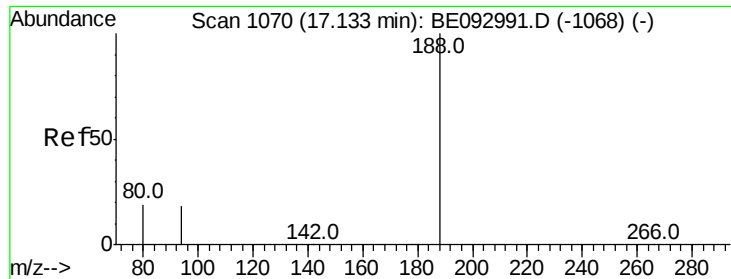
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#15
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093006.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.3	20.7	31.1





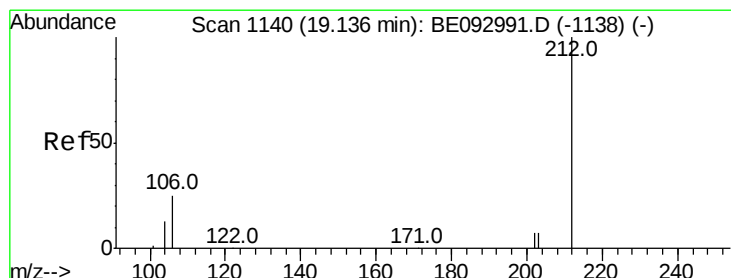
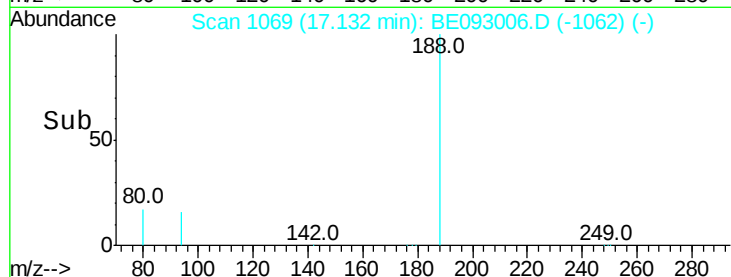
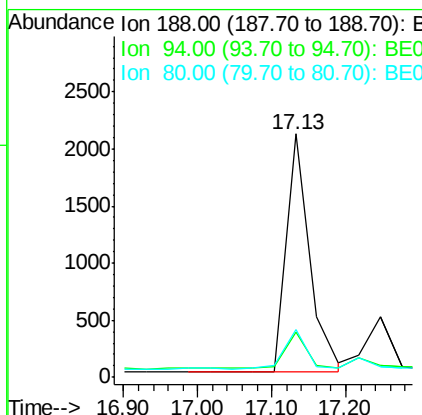
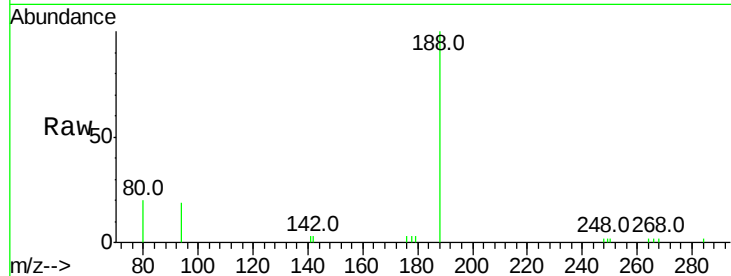
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Instrument :
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LF017MW004-170508

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	18.7	11.3	16.9#	
80	19.7	11.7	17.5#	

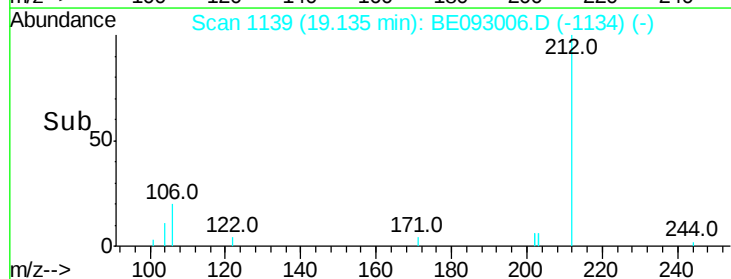
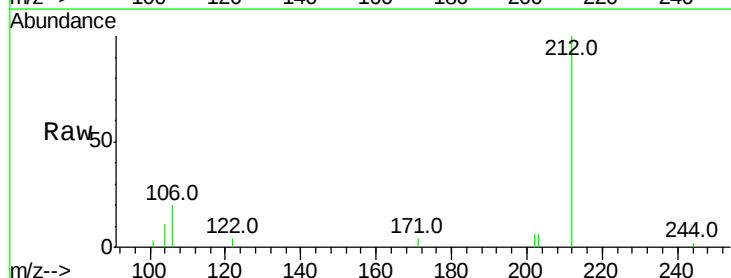
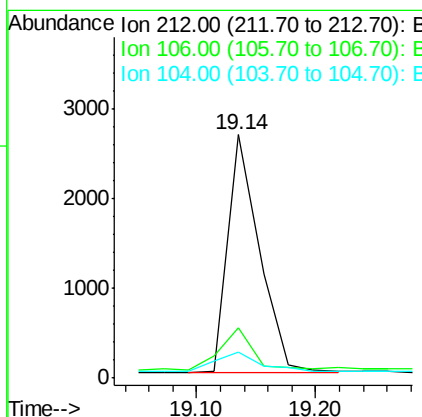
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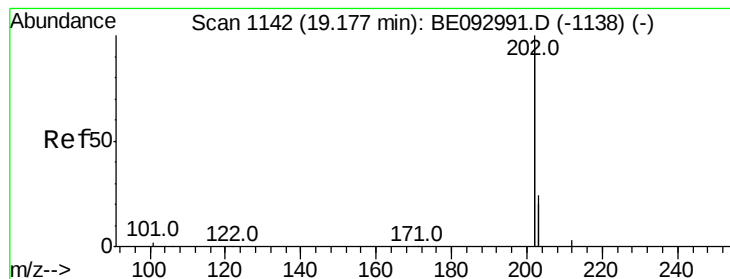
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#25
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
212	100			
106	17.2	0.0	0.0#	
104	11.2	0.0	0.0#	





#26

Fluoranthene

Concen: 0.09 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

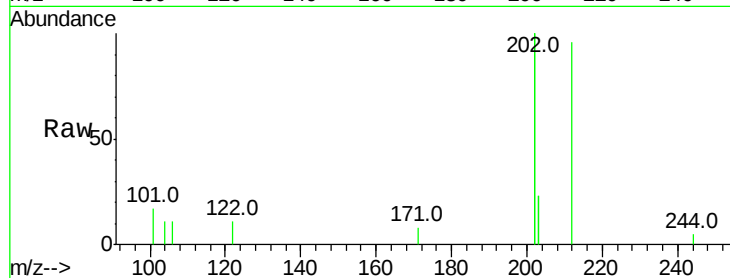
ClientSampleId :

LF017MW004-170508

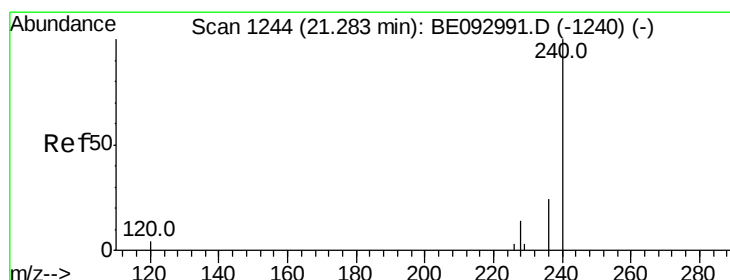
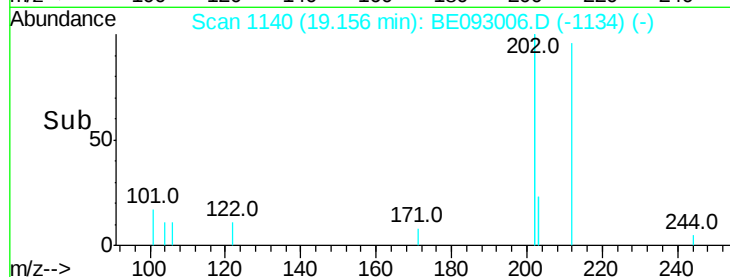
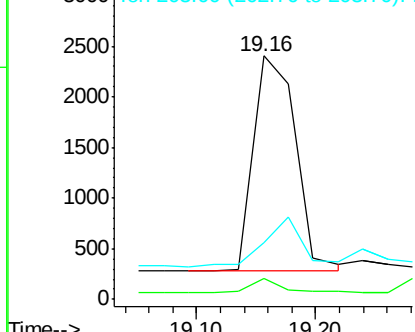
Tot Ion:	202	Resp:	5226
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	0.0#
203	0.0	14.4	21.6#

Manual Integrations
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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



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1243

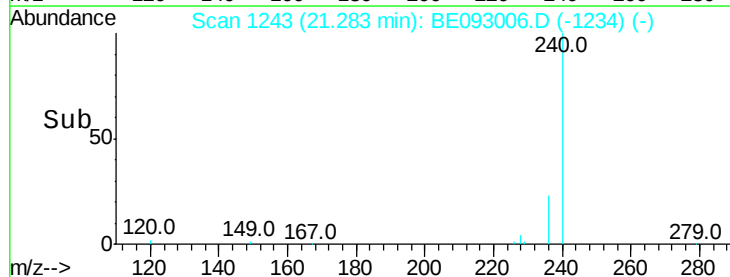
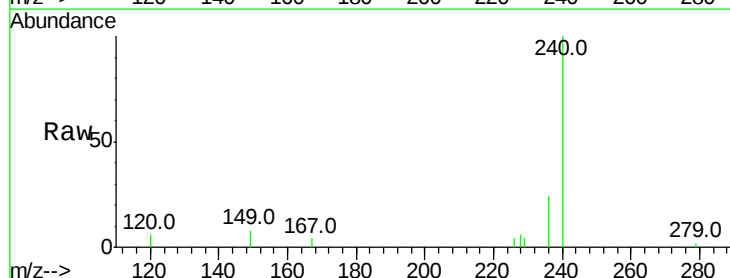
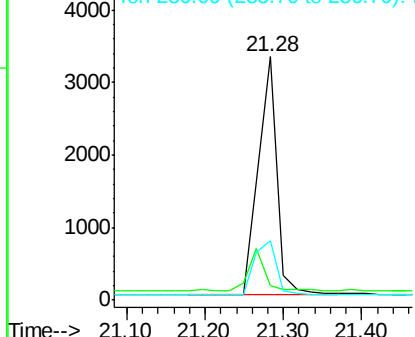
Delta R.T. 0.00 min

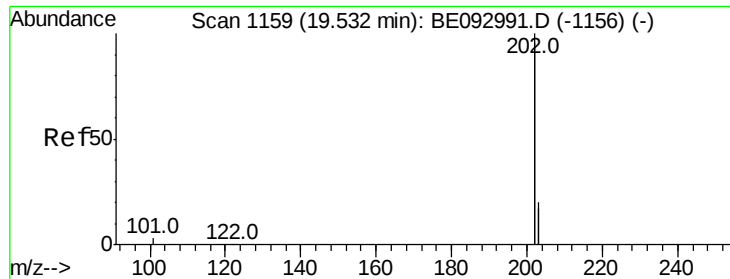
Lab File: BE093006.D

Acq: 11 May 2017 21:13

Tgt Ion:	240	Resp:	5494
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.6	7.0
236	24.3	20.8	31.2

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





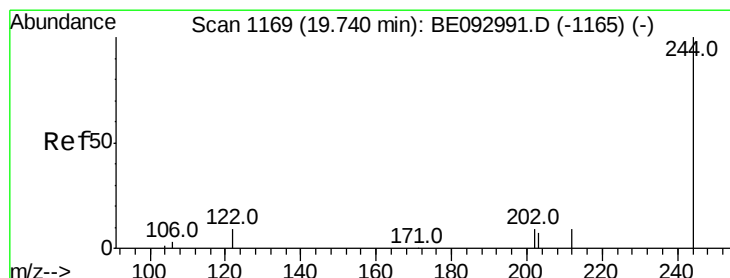
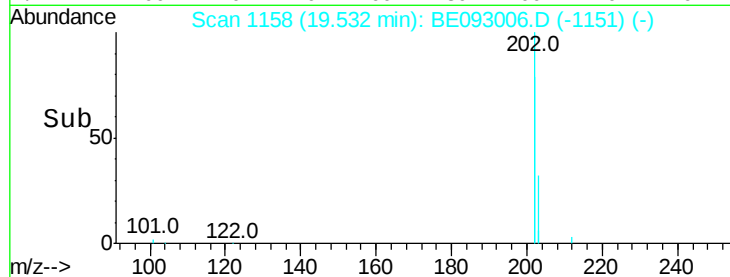
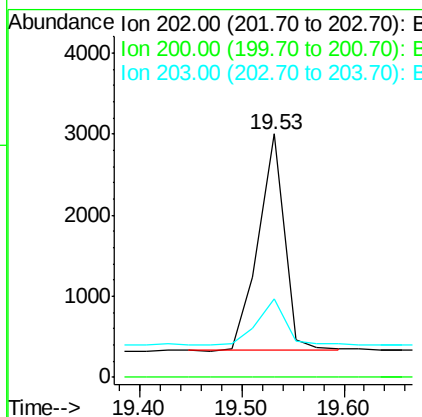
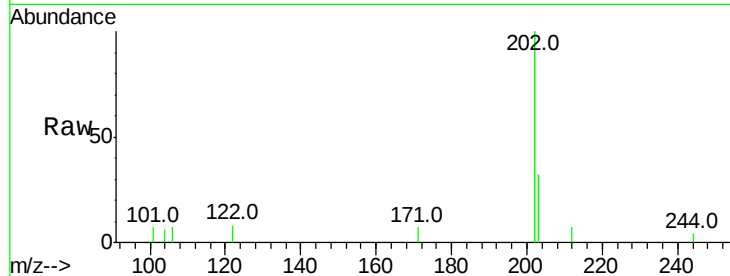
#28
Pvrene
Concen: 0.07 ng
RT: 19.53 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	22.8	13.7	20.5

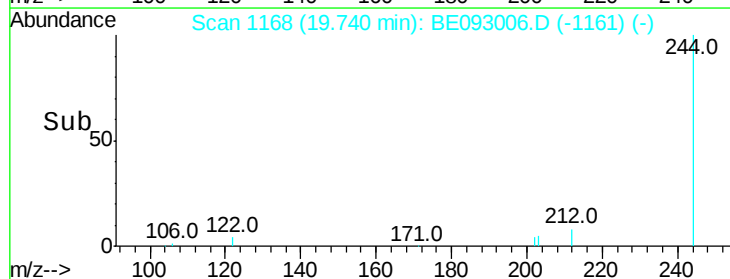
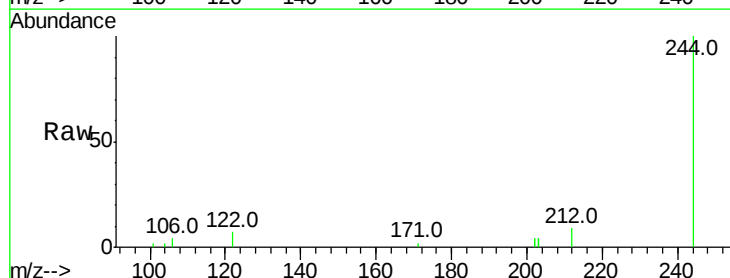
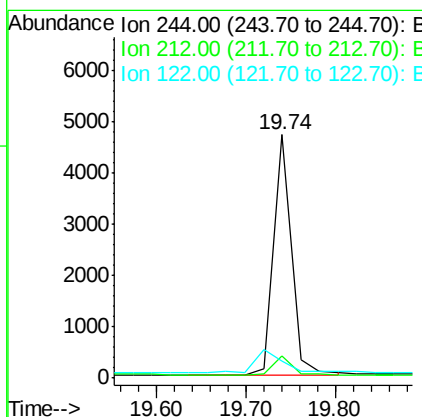
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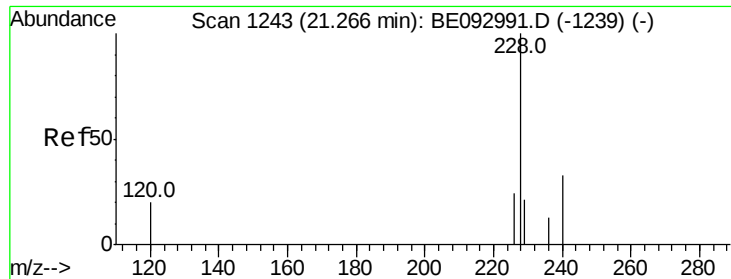
mohammad
5/12/2017 11:34:46 AM



#29
Terphenyl-d14
Concen: 0.67 ng
RT: 19.74 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.6	16.0
122	6.9	15.4	23.0





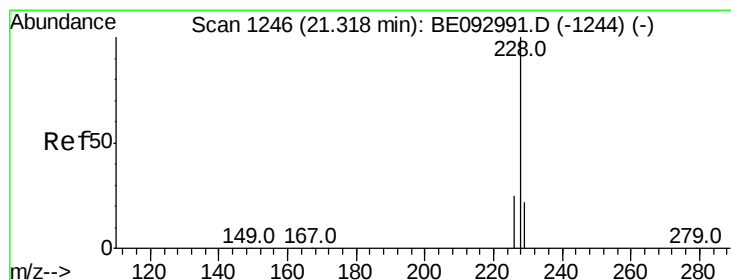
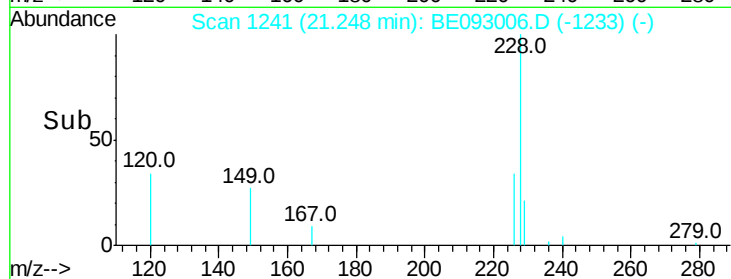
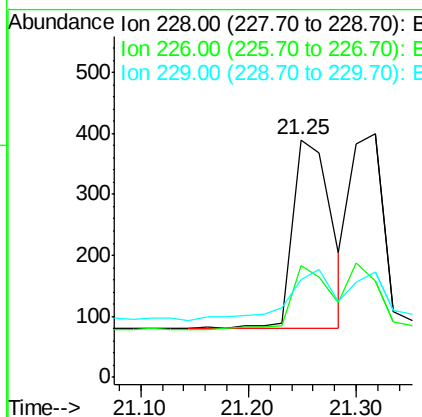
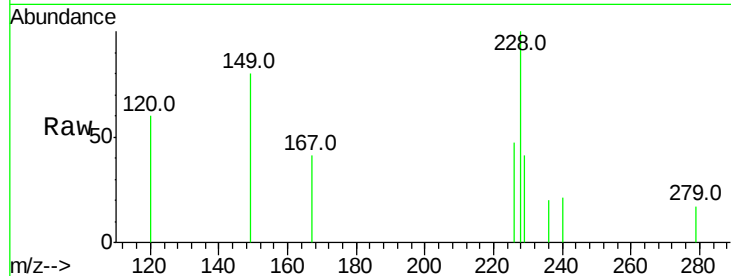
#30
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
228	100		
226	47.2	19.7	29.5#
229	41.3	19.2	28.8#

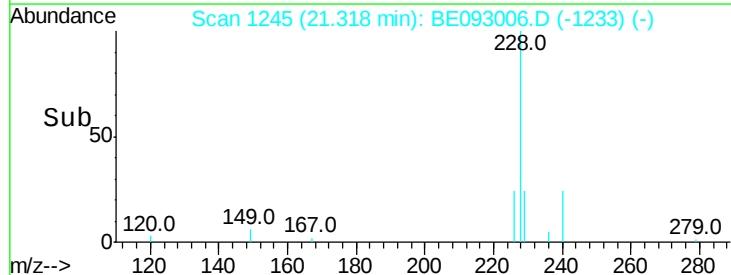
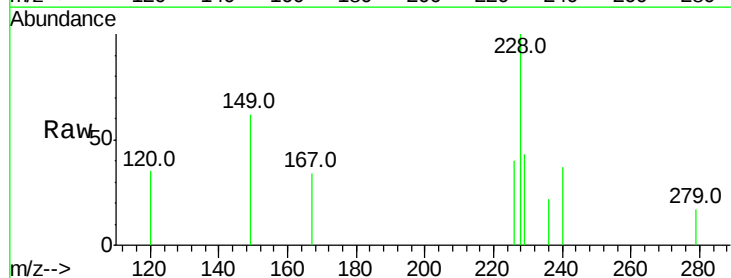
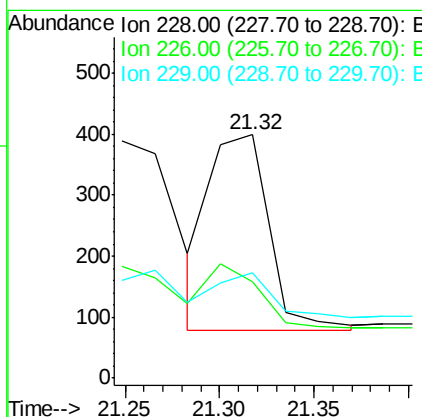
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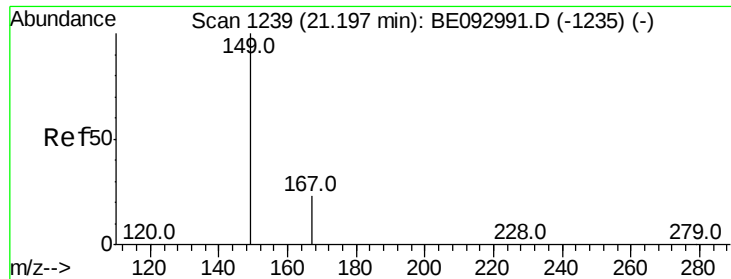
mohammad
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#31
Chrysene
Concen: 0.04 ng m
RT: 21.32 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.6	21.5	32.3#
229	43.1	18.6	28.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 6.80 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

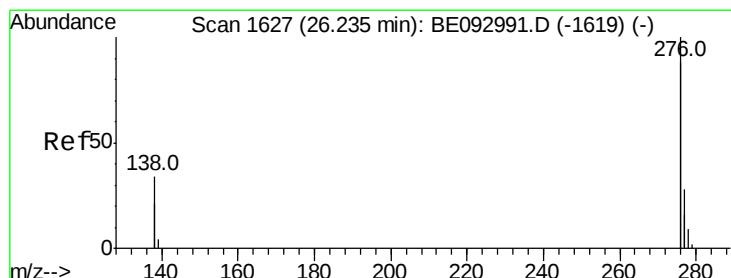
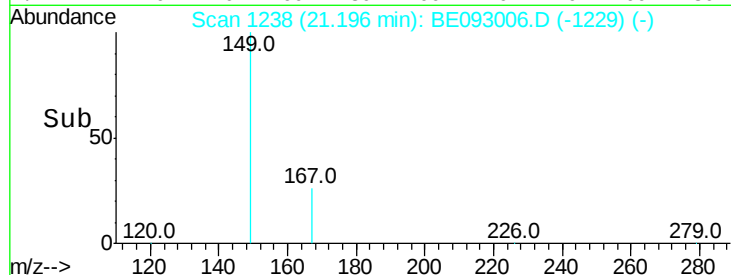
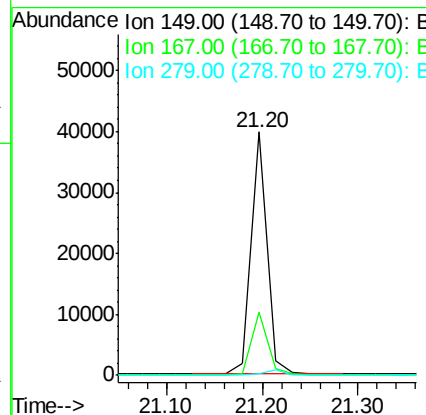
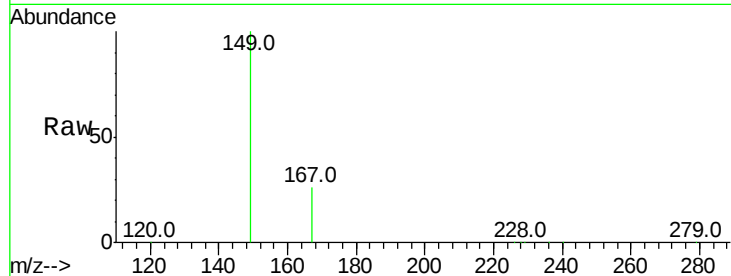
ClientSampleId :

LF017MW004-170508

Tot Ion:	149	Resp:	45637
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.1	30.1
279	2.4	2.2	3.4

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

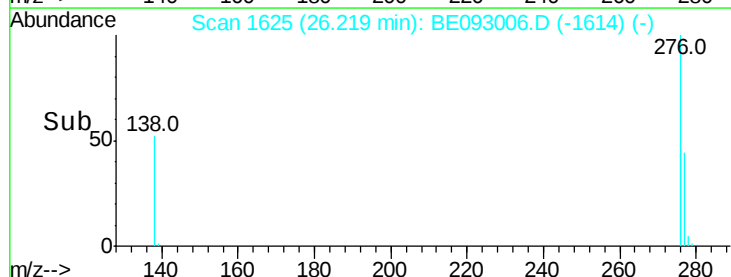
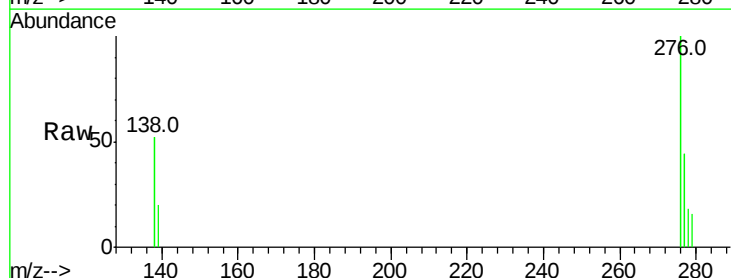
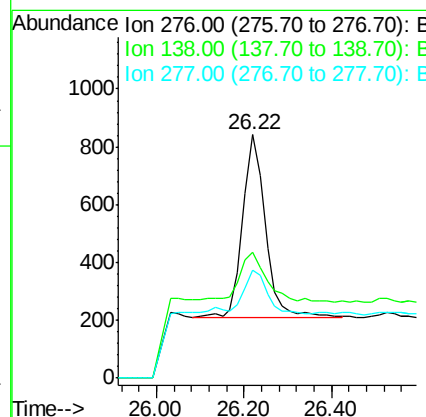
RT: 26.22 min Scan# 1625

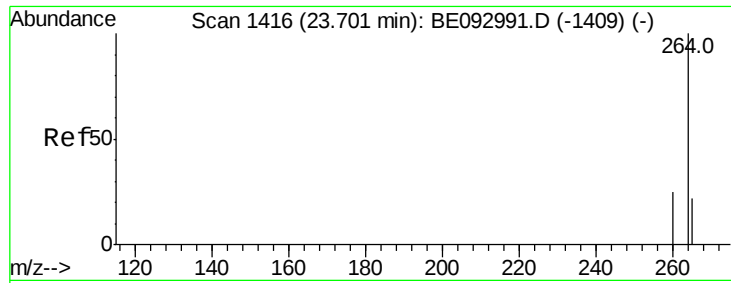
Delta R.T. -0.02 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Tgt Ion:	276	Resp:	2274
Ion Ratio	Lower	Upper	
276	100		
138	33.8	27.4	41.2
277	22.7	20.1	30.1





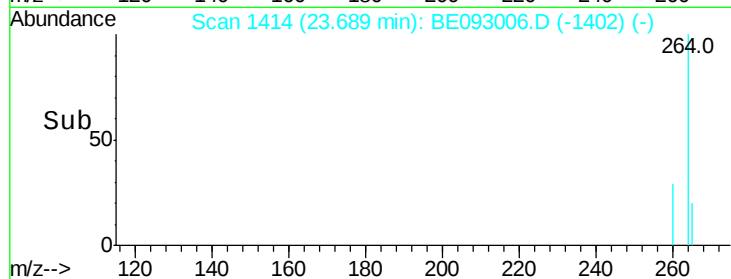
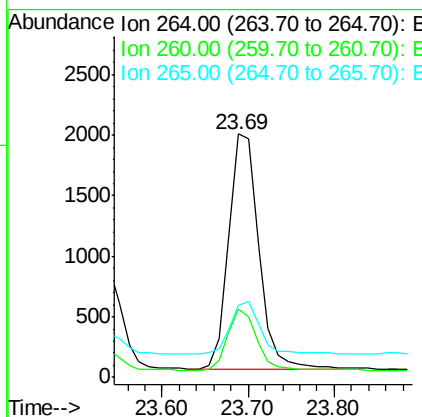
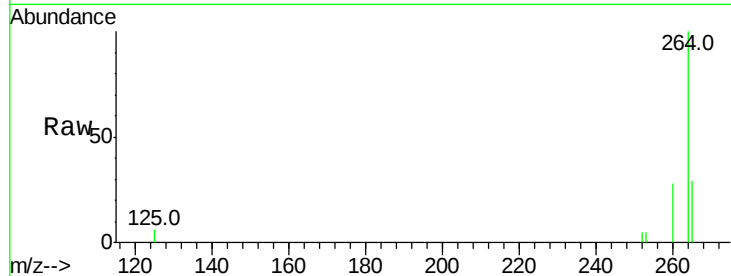
#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.0	31.4
265	29.5	24.6	36.8

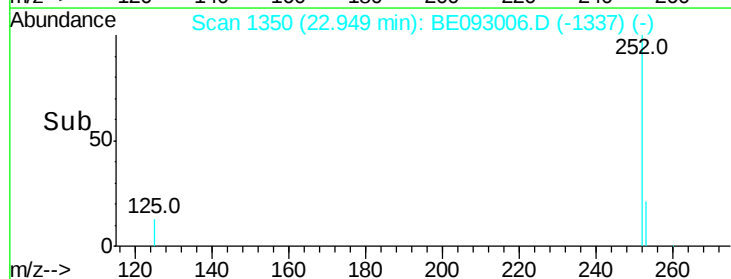
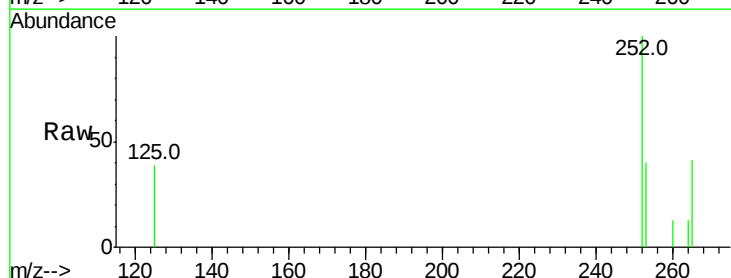
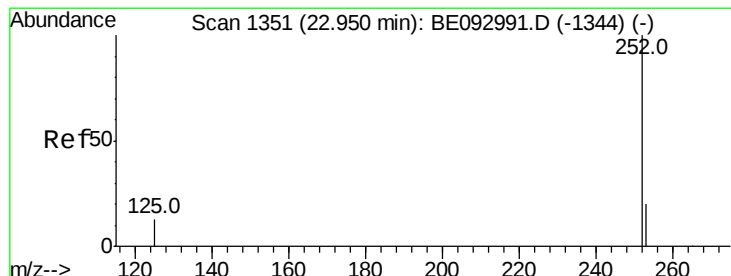
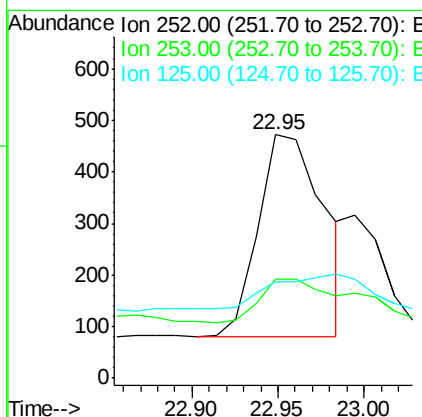
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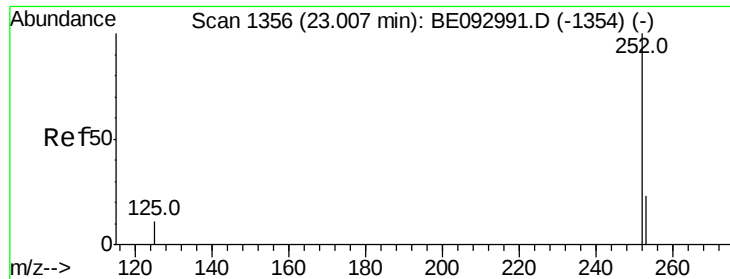
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#35
Benzo(b)fluoranthene
Concen: 0.07 ng m
RT: 22.95 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.5	18.5	27.7#
125	39.4	13.4	20.0#





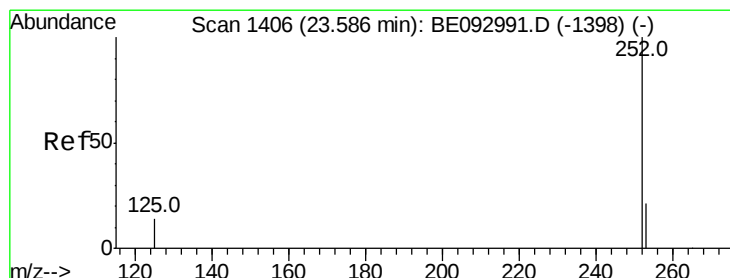
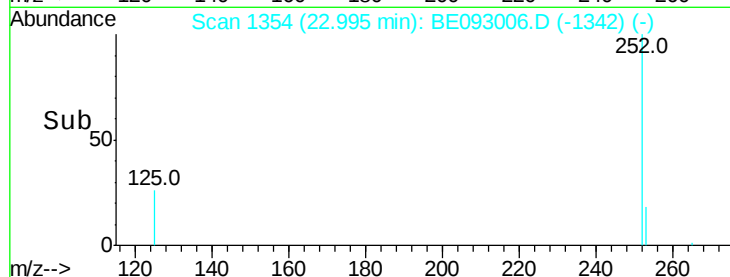
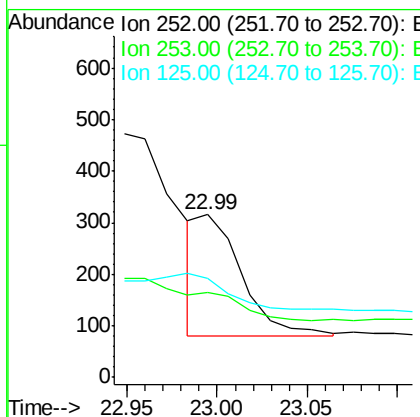
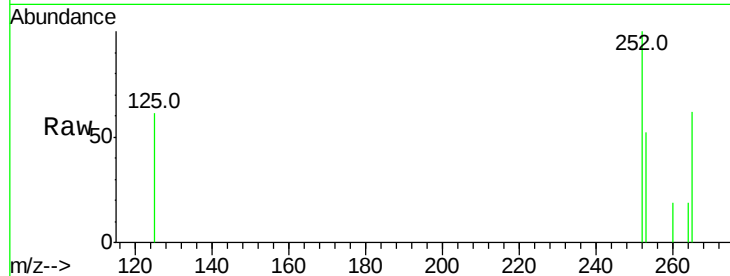
#36
Benzo(k)fluoranthene
Concen: 0.03 ng m
RT: 22.99 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.1	20.3	30.5#
125	61.0	12.2	18.4#

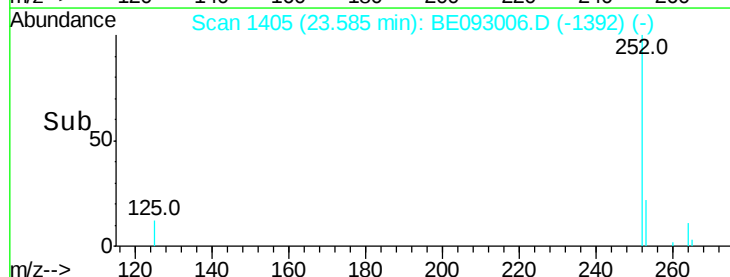
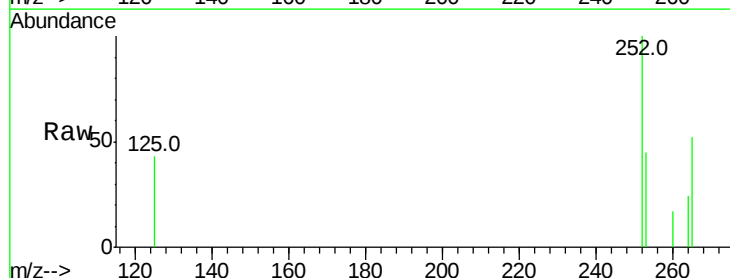
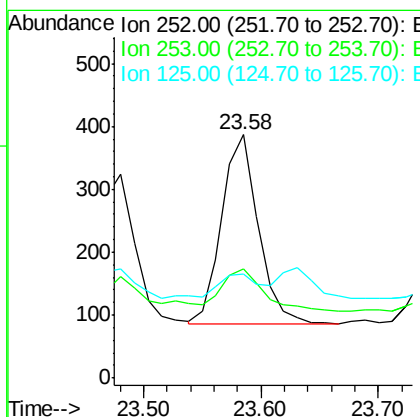
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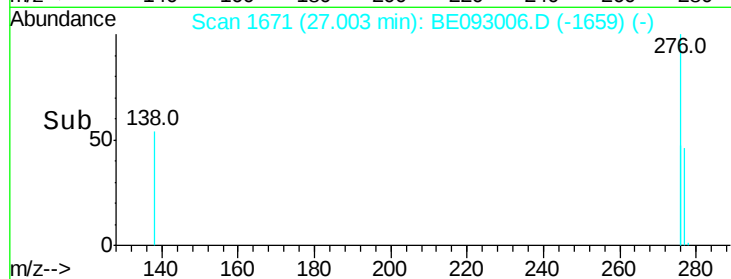
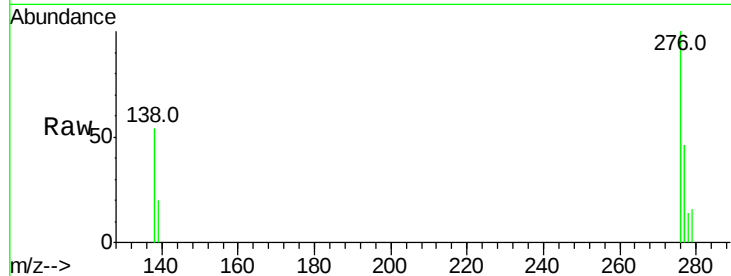
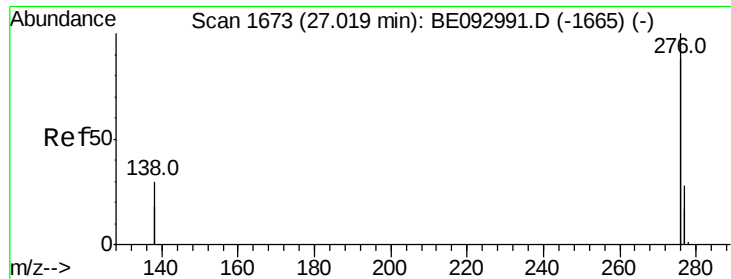
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#37
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.58 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE093006.D
Acq: 11 May 2017 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.0	19.9	29.9#
125	42.9	14.6	21.8#





#39

Benzo(a,h,i)perylene

Concen: 0.04 ng

RT: 27.00 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE093006.D

Acq: 11 May 2017 21:13

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508

Tot Ion: 276 Resp: 2171

Ion Ratio Lower Upper

276 100

277 45.7 21.2 31.8#

138 54.0 24.5 36.7#

Manual Integrations

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