

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092699.D
 Acq On : 31 Jan 2017 22:43
 Operator : SJ/MA
 Sample : I1505-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01

Manual Integrations
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Quant Time: Feb 01 03:08:46 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	10731	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	54995	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	37763	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	79282	5.00	ng	0.00
24) Chrysene-d12	21.72	240	74542	5.00	ng	0.00
31) Perylene-d12	24.07	264	80502	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	2638	1.10	ng	0.00
5) Phenol-d6	7.31	99	3440	1.17	ng	-0.02
8) Nitrobenzene-d5	9.36	82	1535m	0.43	ng	0.02
13) 2,4,6-Tribromophenol	16.31	330	789	0.83	ng	0.01
14) 2-Fluorobiphenyl	13.42	172	4625	0.50	ng	0.00
26) Terphenyl-d14	20.14	244	6132	0.58	ng	-0.02
Target Compounds						Qvalue
11) 2-Methylnaphthalene	12.64	142	146	0.02	ng	# 75
15) Acenaphthylene	14.49	152	6282	0.12	ng	100
17) Fluorene	15.86	166	244	0.02	ng	92
21) Phenanthrene	17.58	178	5020	0.29	ng	96
22) Anthracene	17.67	178	1364m	0.08	ng	
23) Fluoranthene	19.58	202	41505	0.53	ng	99
25) Pyrene	19.93	202	42857	0.58	ng	96
27) Benzo(a)anthracene	21.70	228	28724m	0.39	ng	
28) Chrysene	21.75	228	22719m	0.27	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	1164	0.28	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.53	276	16139	0.18	ng	96
32) Benzo(b)fluoranthene	23.34	252	8772m	0.45	ng	
33) Benzo(k)fluoranthene	23.38	252	2586m	0.13	ng	
34) Benzo(a)pyrene	23.95	252	5998	0.33	ng	# 86
36) Benzo(a,h,i)perylene	27.30	276	17508	0.23	ng	# 88

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

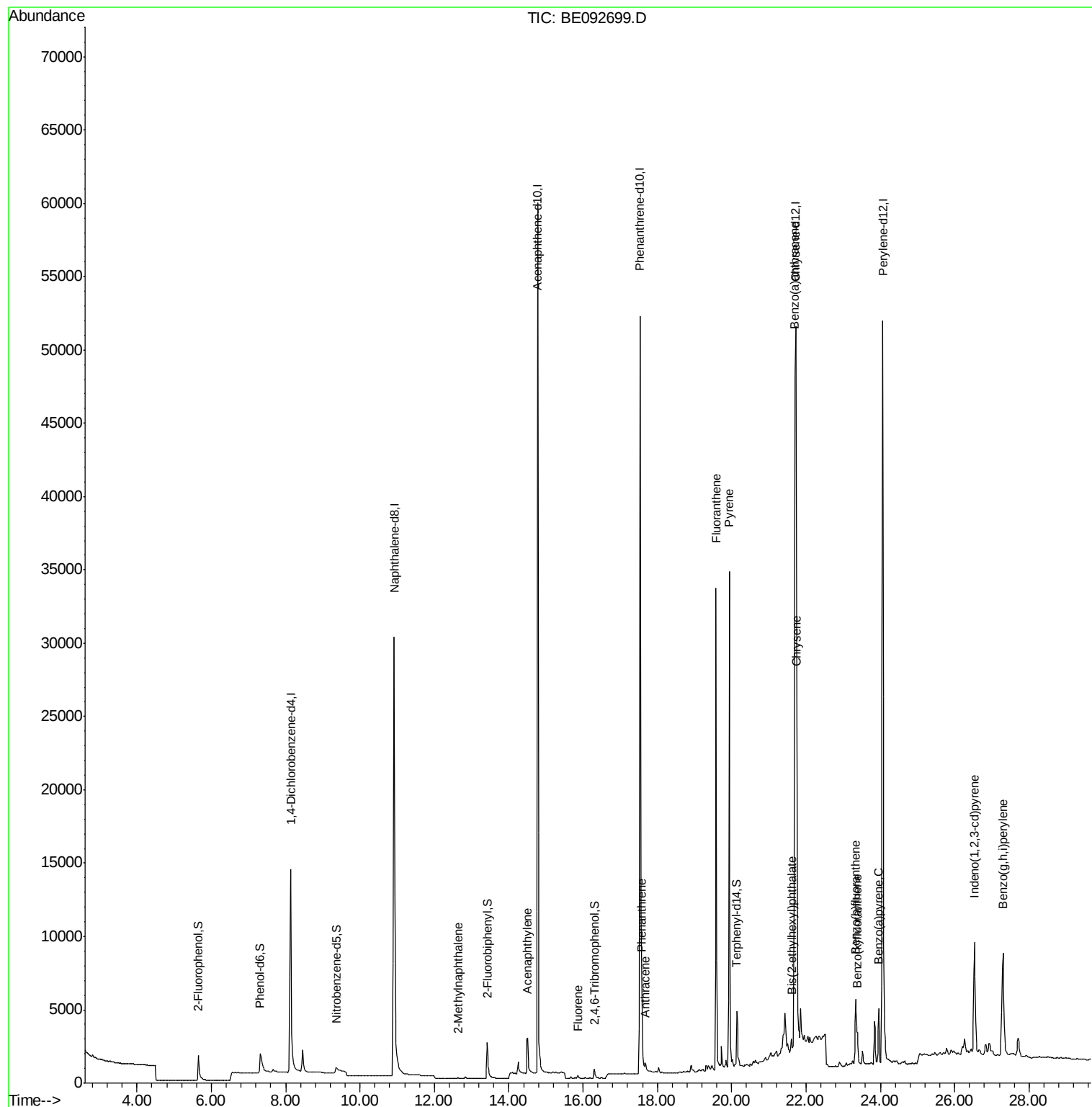
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
Data File : BE092699.D
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ALS Vial : 12 Sample Multiplier: 1

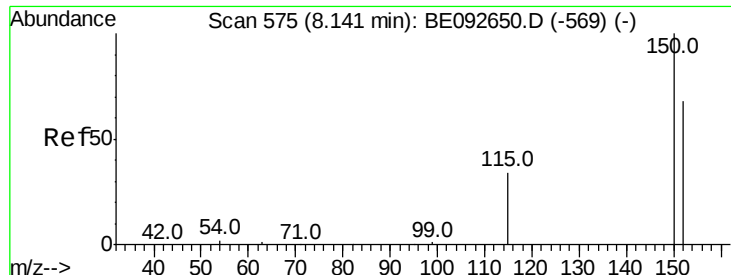
Instrument :
BNA_E
ClientSampled :
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#1

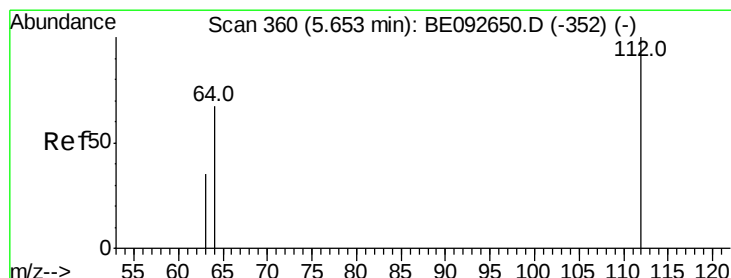
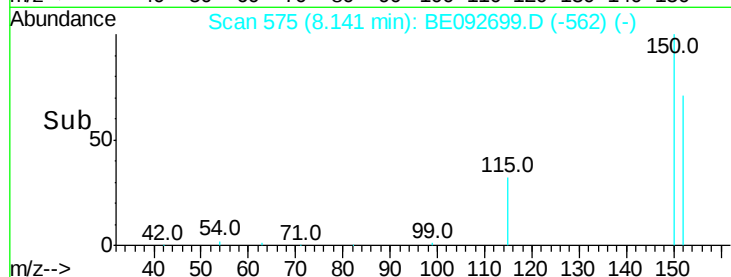
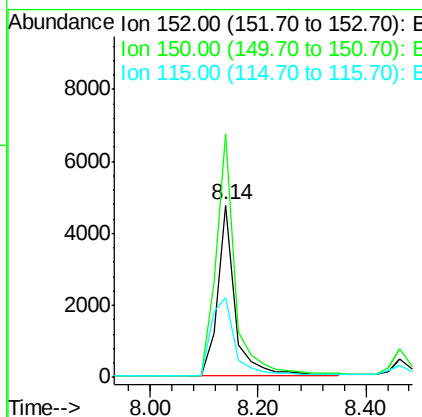
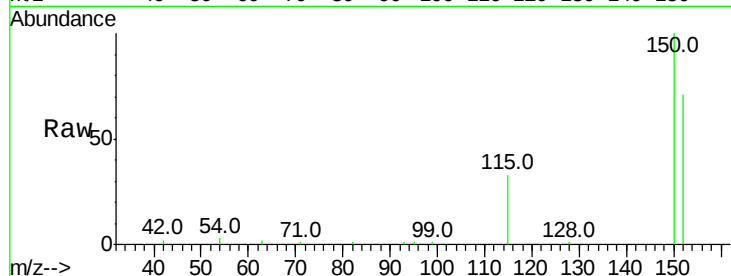
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	106.0	159.0
115	46.2	31.2	46.8

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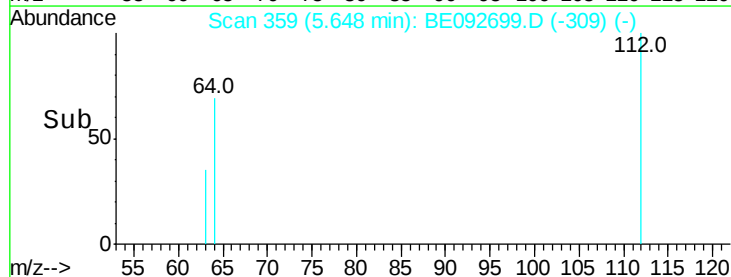
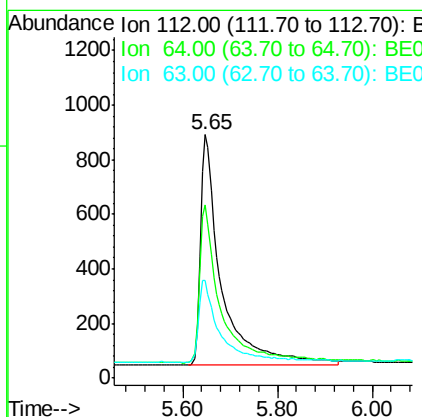
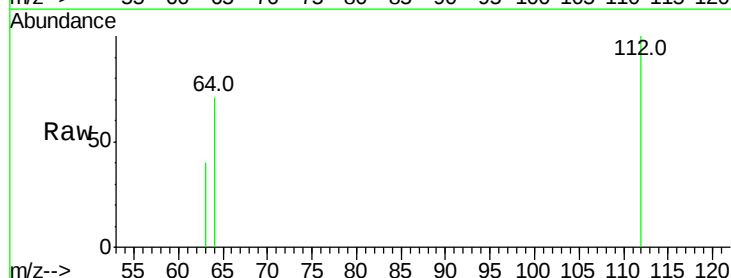
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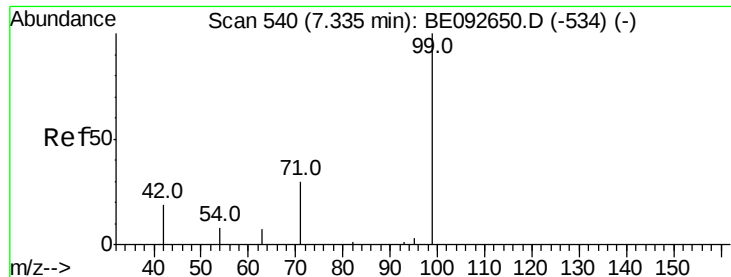


#4

2-Fluorophenol
Concen: 1.10 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.5	80.3
63	35.4	27.9	41.9





#5

Phenol-d6

Concen: 1.17 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

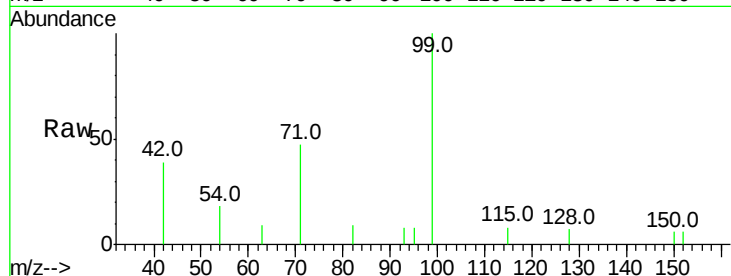
ClientSampled :

SB-01

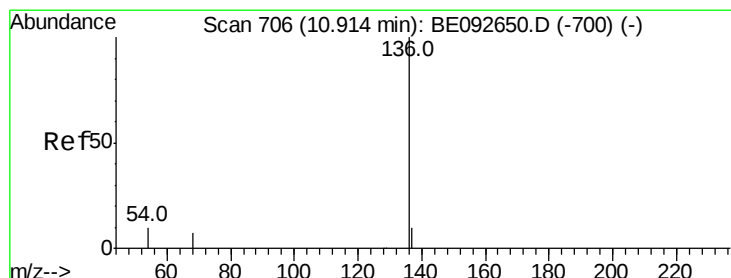
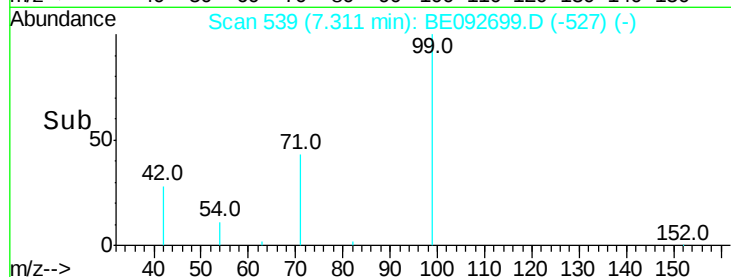
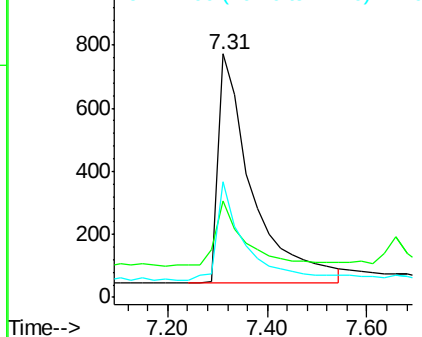
Tot Ion:	99	Resp:	3440
Ion Ratio	Lower	Upper	
99	100		
42	24.9	16.0	24.0#
71	35.3	30.6	45.8

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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: 10.91 min Scan# 706

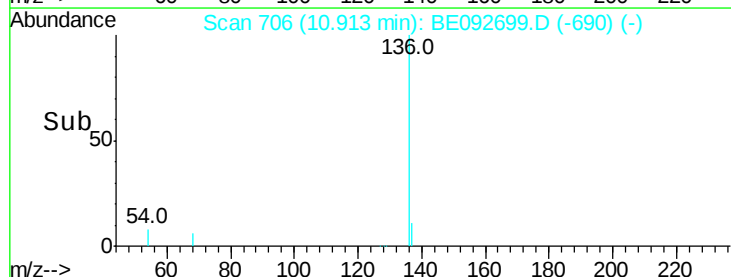
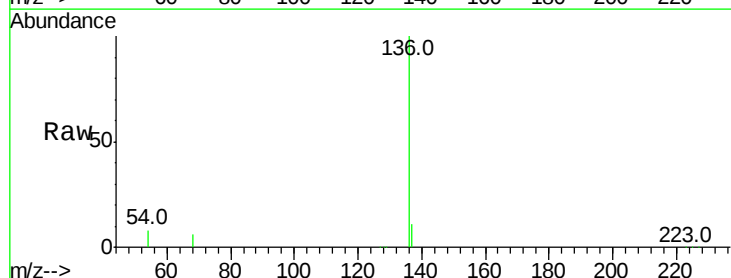
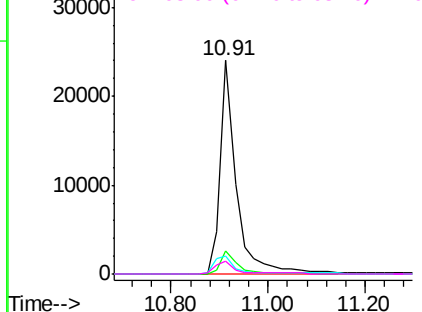
Delta R.T. -0.00 min

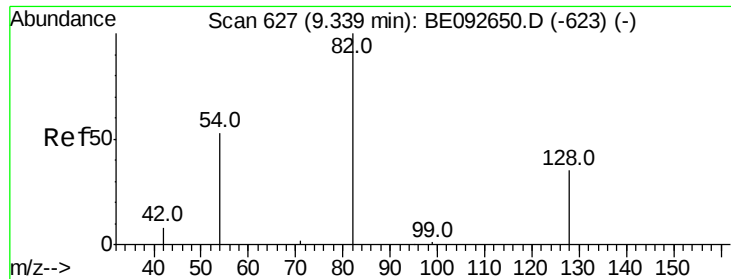
Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion:	136	Resp:	54995
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	8.3	9.6	14.4#
68	6.0	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: 0.43 ng m

RT: 9.36 min Scan# 628

Delta R.T. 0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

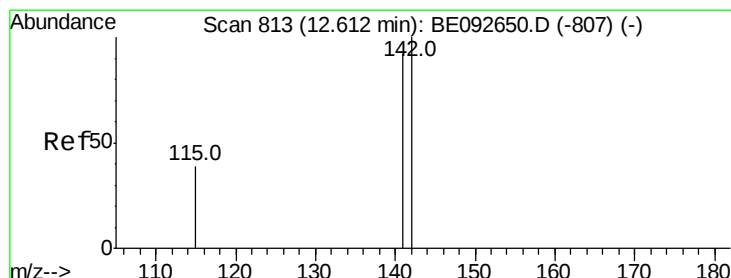
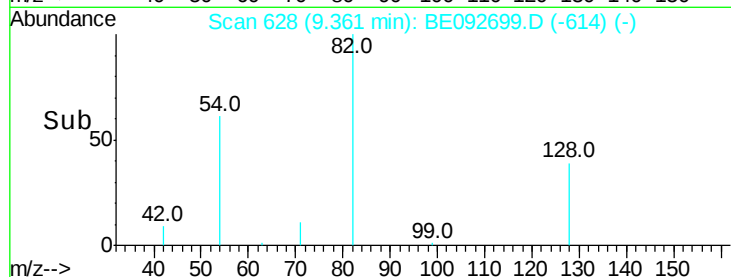
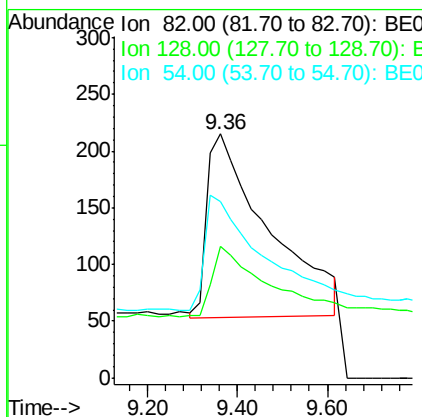
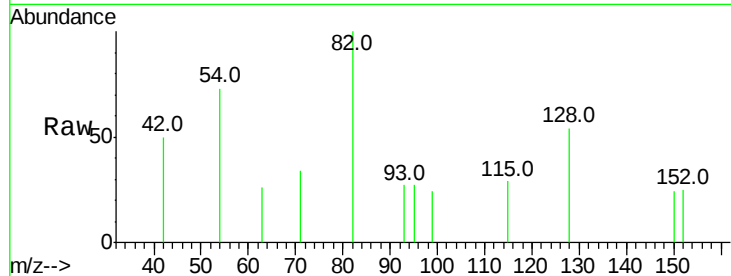
ClientSampled :

SB-01

Tot Ion:	82	Resp:	1535
Ion	Ratio	Lower	Upper
82	100		
128	54.0	39.0	58.4
54	72.6	44.8	67.2#

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#11

2-Methylnaphthalene

Concen: 0.02 ng

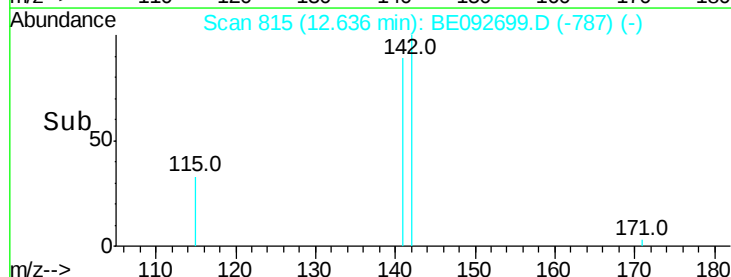
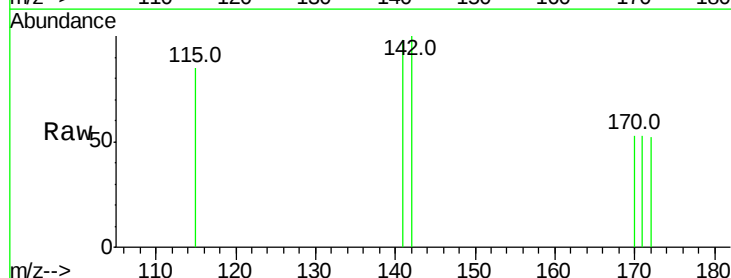
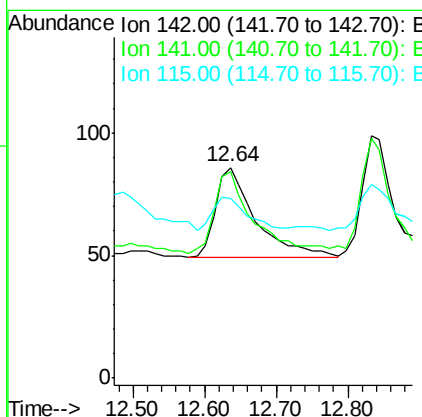
RT: 12.64 min Scan# 815

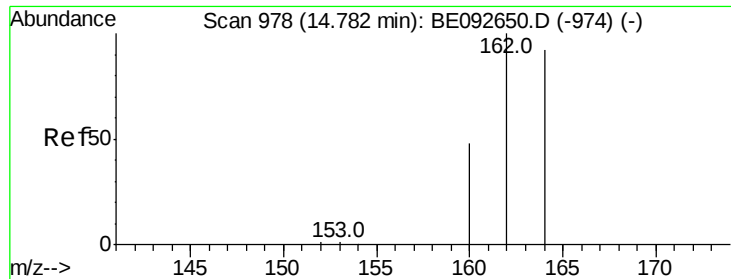
Delta R.T. 0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion:	142	Resp:	146
Ion	Ratio	Lower	Upper
142	100		
141	97.7	73.7	110.5
115	84.9	34.0	51.0#





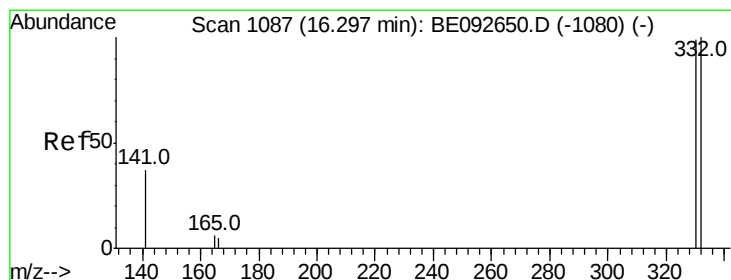
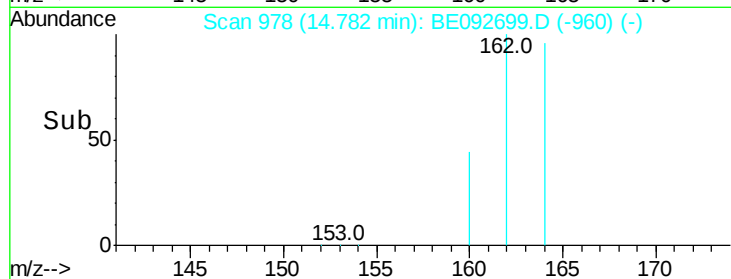
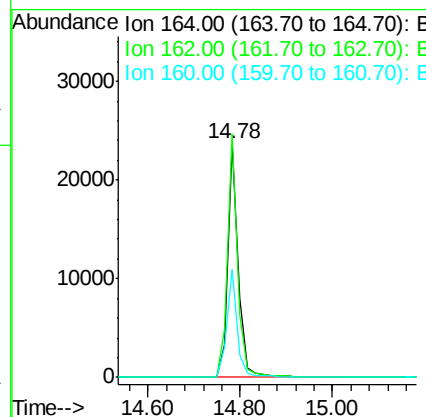
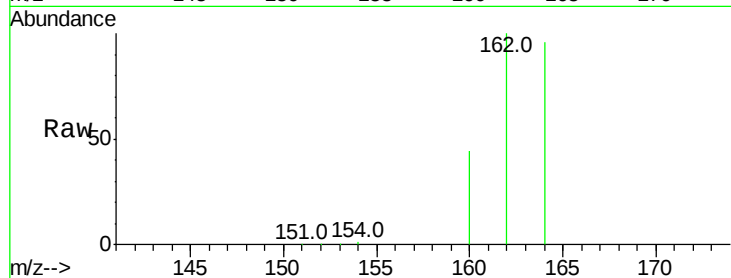
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion:164 Resp: 37763
Ion Ratio Lower Upper
164 100
162 104.0 71.4 107.0
160 46.2 27.4 41.2#

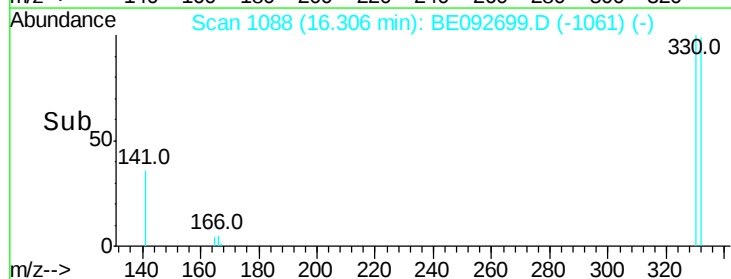
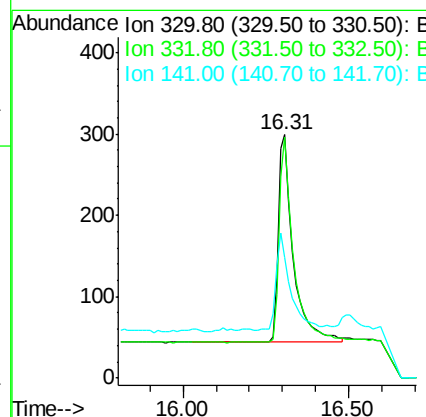
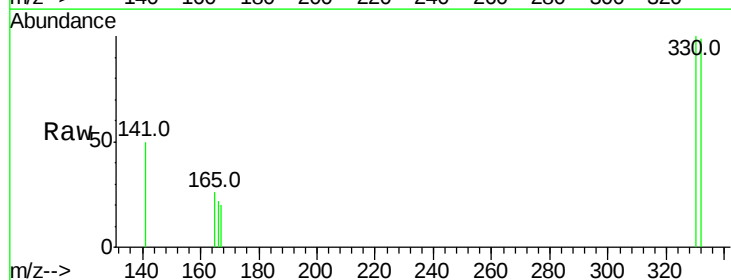
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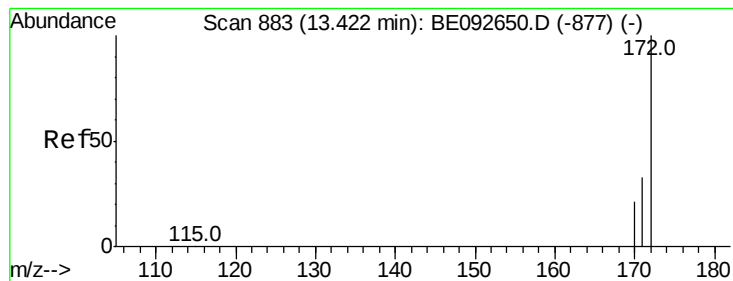
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#13
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:330 Resp: 789
Ion Ratio Lower Upper
330 100
332 100.9 75.4 113.0
141 45.0 31.0 46.6





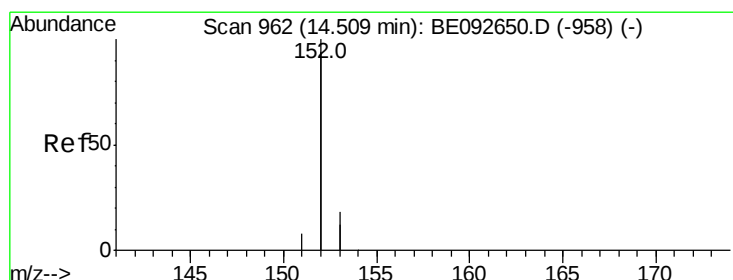
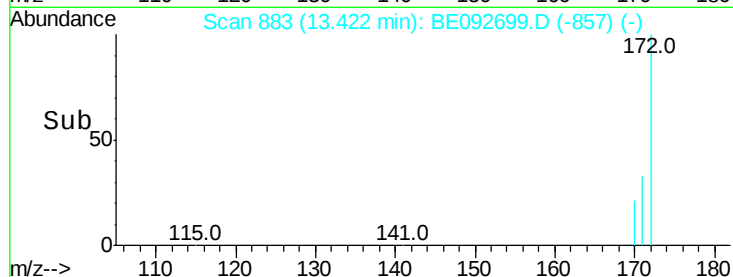
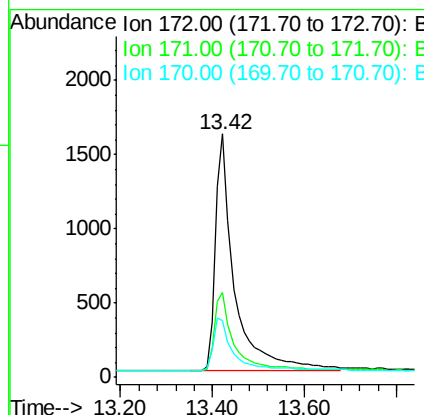
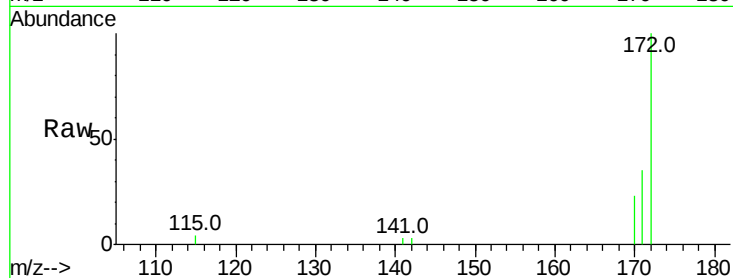
#14
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.1	45.1
170	23.3	21.8	32.6

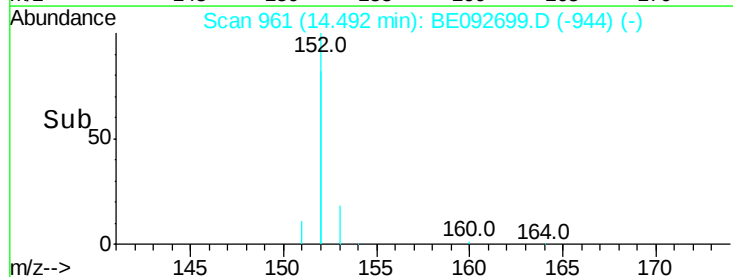
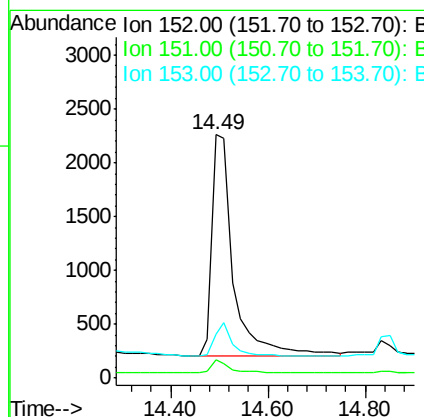
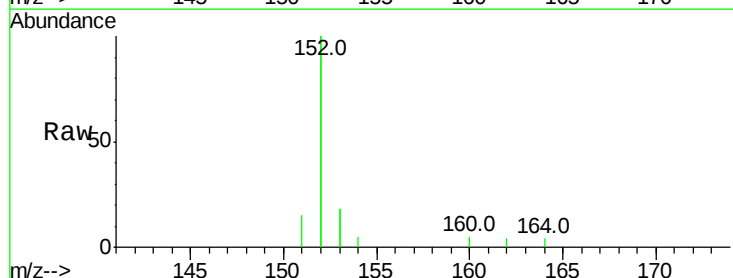
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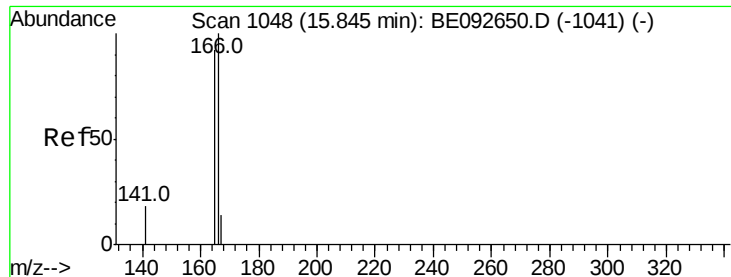
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#15
Acenaphthylene
Concen: 0.12 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.4	15.6





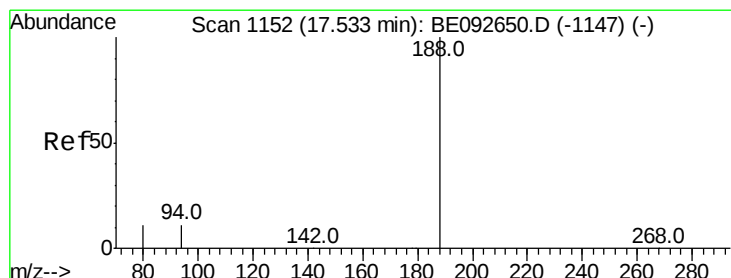
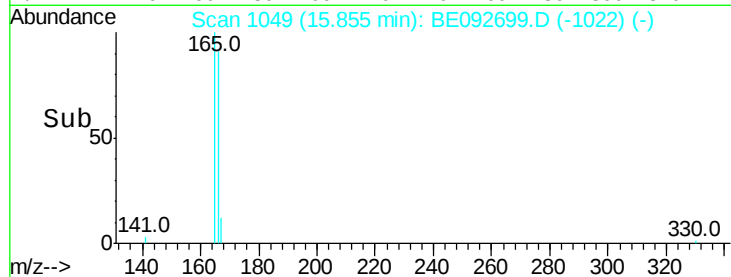
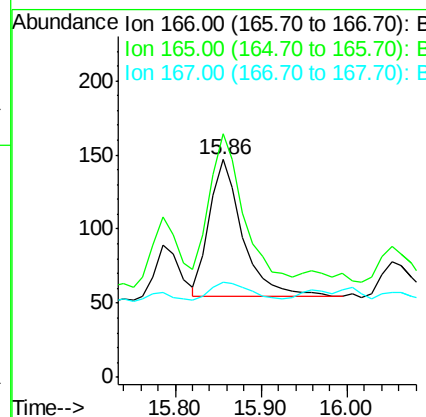
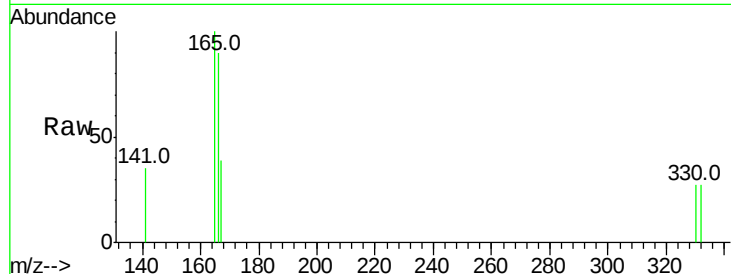
#17
Fluorene
Concen: 0.02 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.6	78.2	117.4
167	16.0	11.0	16.4

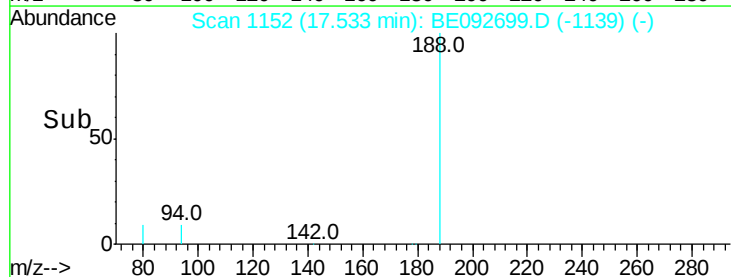
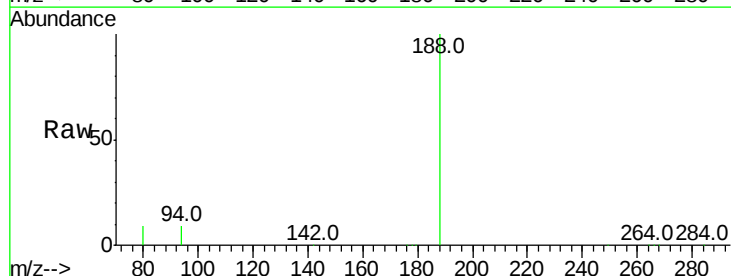
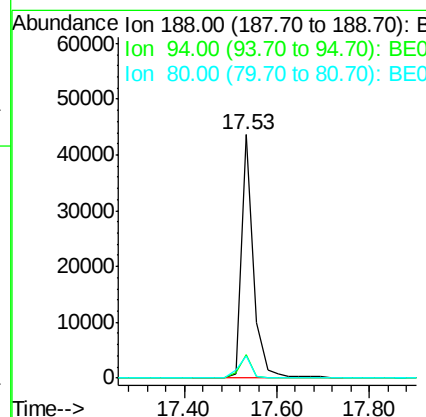
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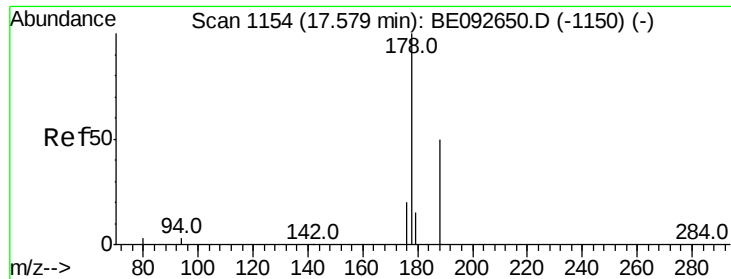
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	3.2	4.8#
80	9.1	2.6	3.8#





#21

Phenanthrene

Concen: 0.29 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

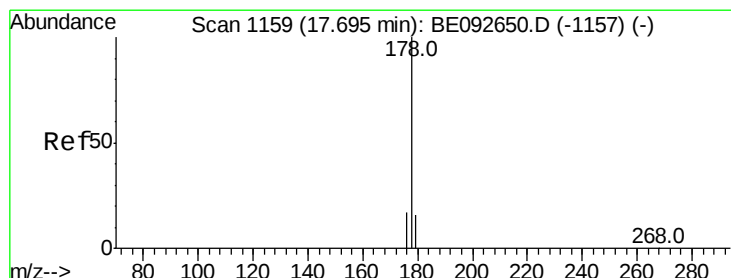
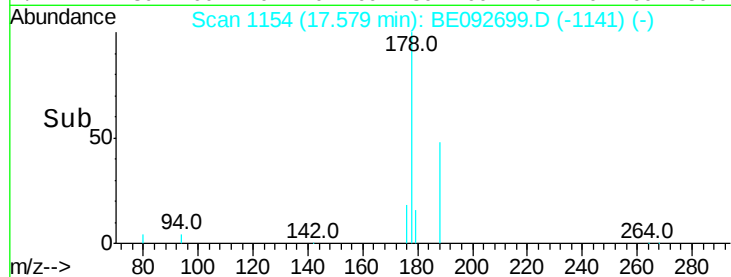
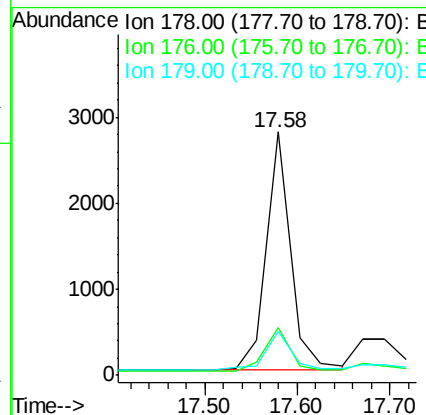
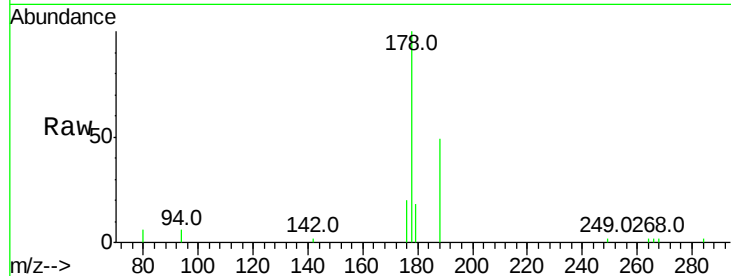
ClientSampleId :

SB-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.6	16.0	24.0

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#22

Anthracene

Concen: 0.08 ng m

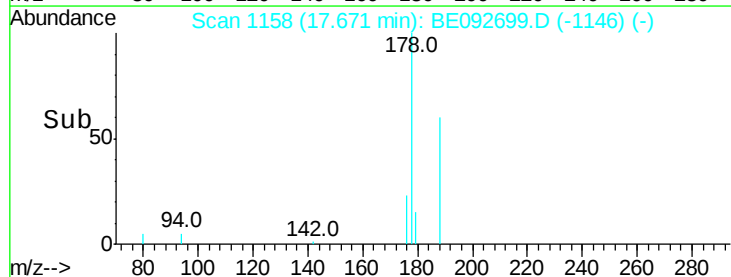
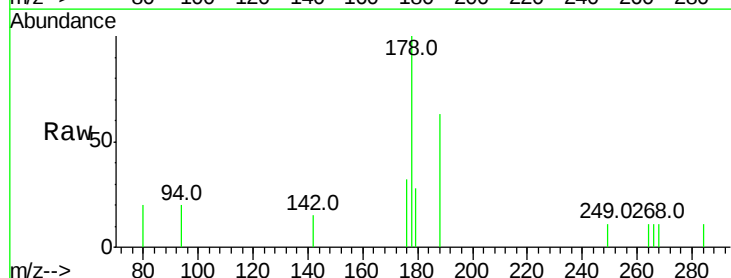
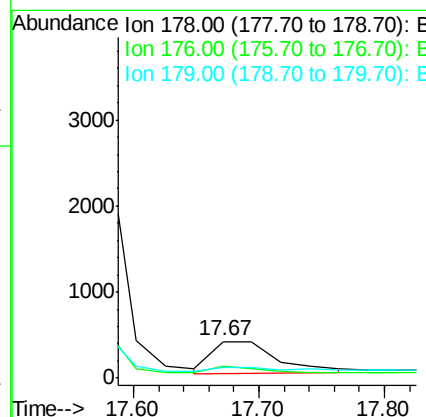
RT: 17.67 min Scan# 1158

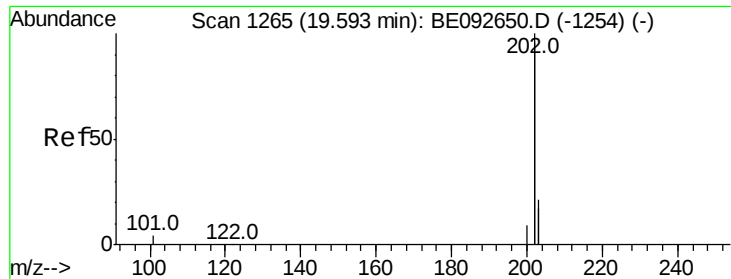
Delta R.T. -0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	69.7	15.0	22.4#
179	64.7	12.2	18.2#





#23

Fluoranthene

Concen: 0.53 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

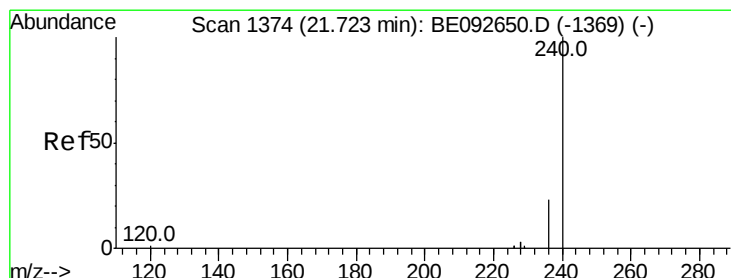
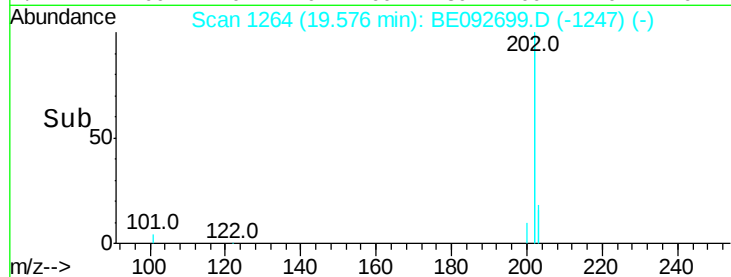
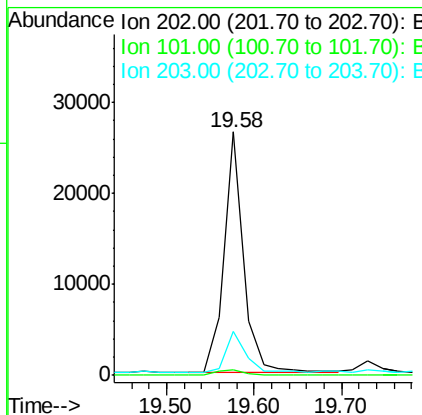
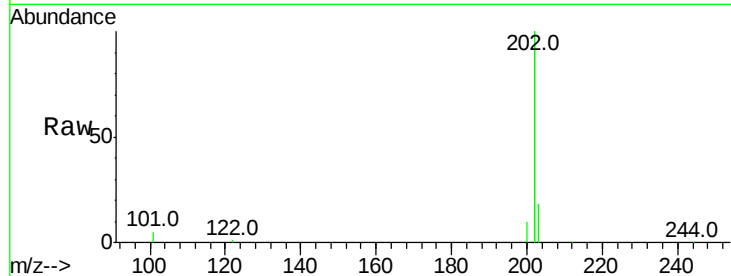
ClientSampleId :

SB-01

Tot Ion	Ratio	Resp	Lower	Upper
202	100	41505		
101	2.9		2.2	3.4
203	17.6		13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

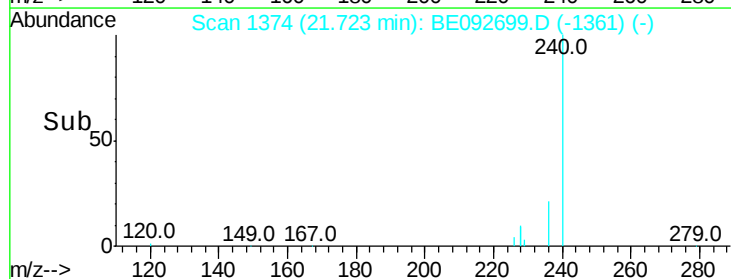
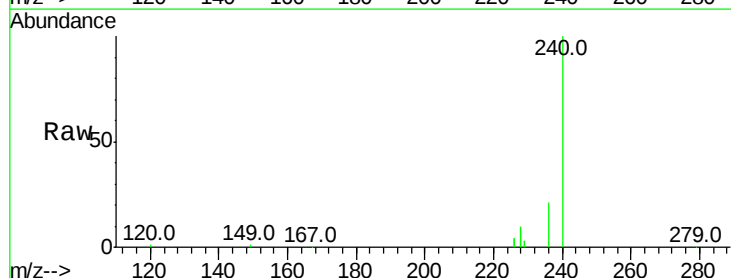
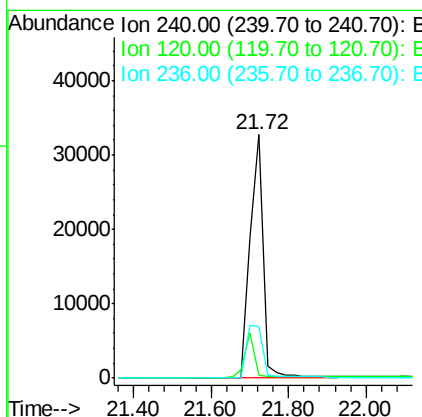
RT: 21.72 min Scan# 1374

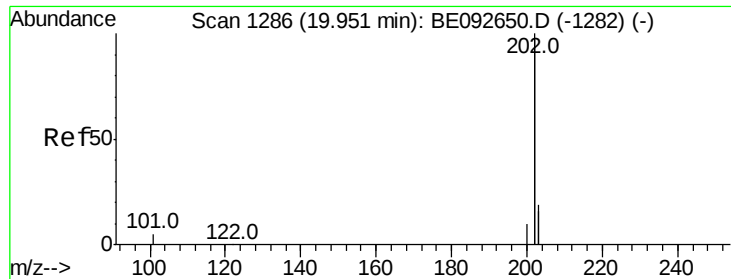
Delta R.T. 0.00 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	74542		
120	1.2		2.6	4.0#
236	21.4		24.6	37.0#





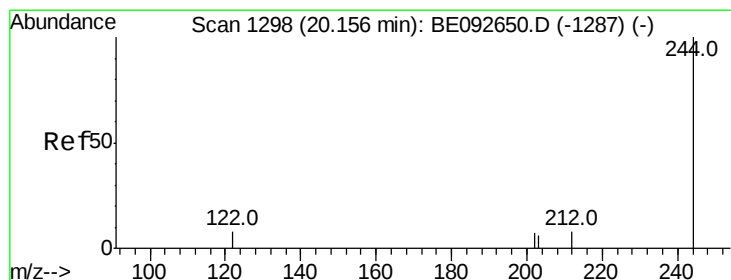
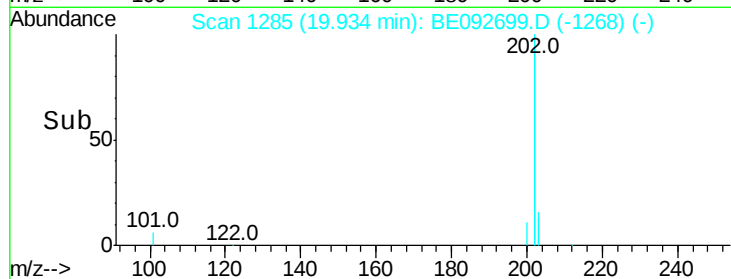
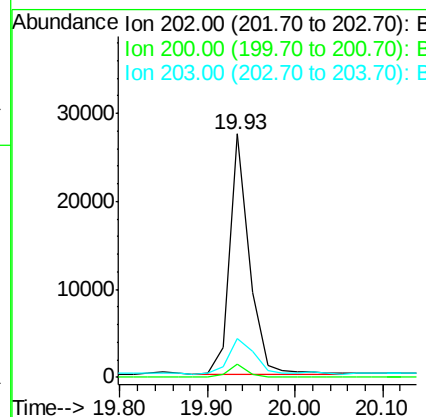
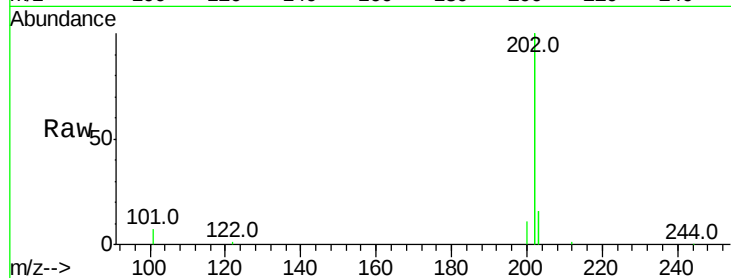
#25
Pvrene
Concen: 0.58 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	19.8	13.9	20.9

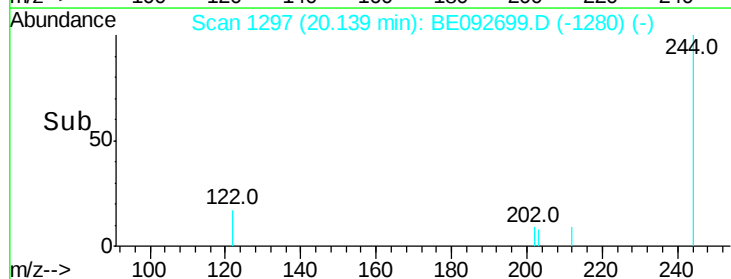
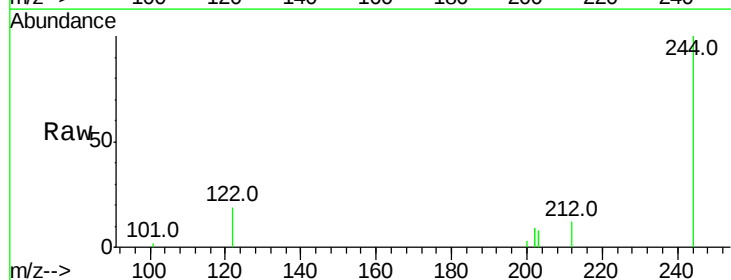
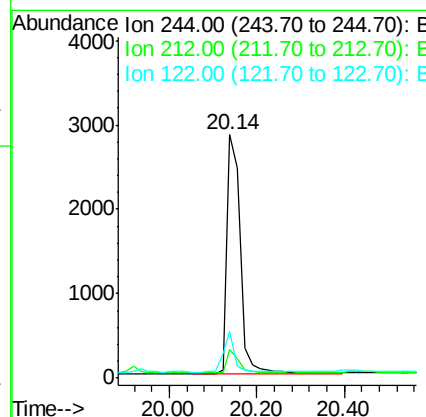
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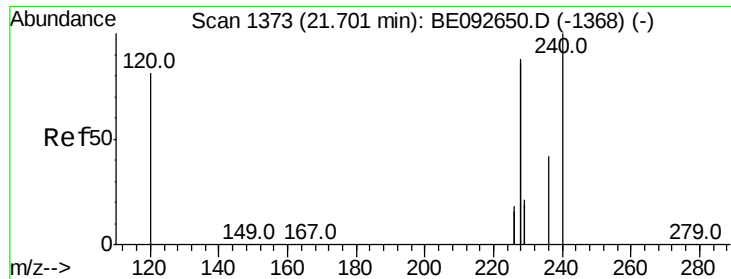
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#26
Terphenyl-d14
Concen: 0.58 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.7	6.7	10.1#
122	19.2	3.6	5.4#





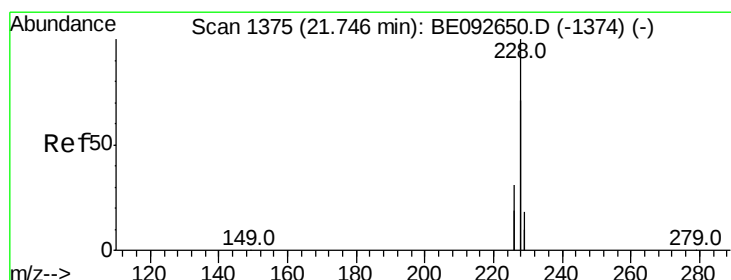
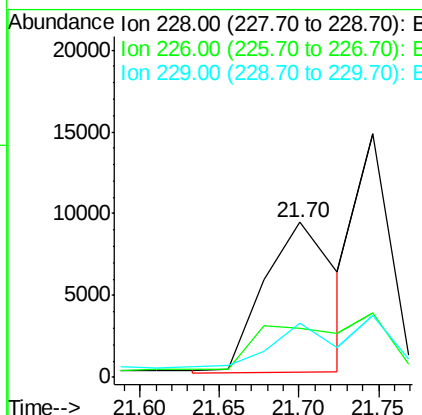
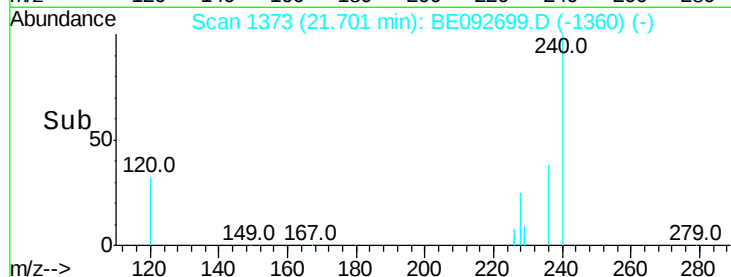
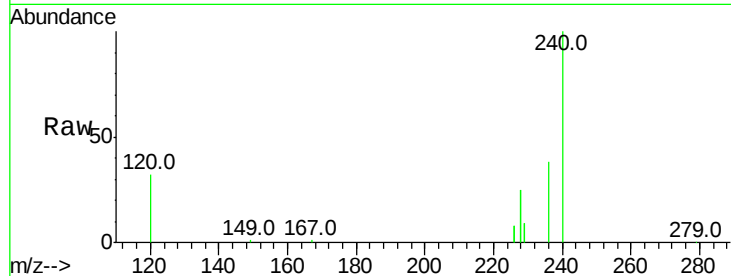
#27
Benzo(a)anthracene
Concen: 0.39 ng m
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.6	35.4
229	35.4	13.3	19.9

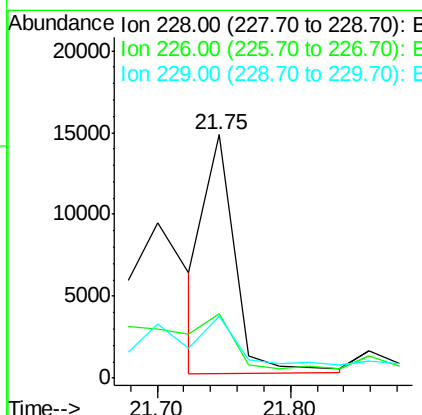
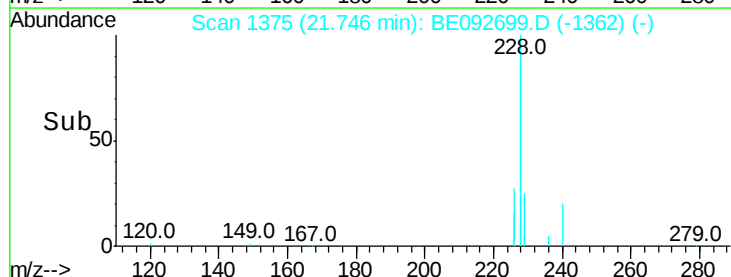
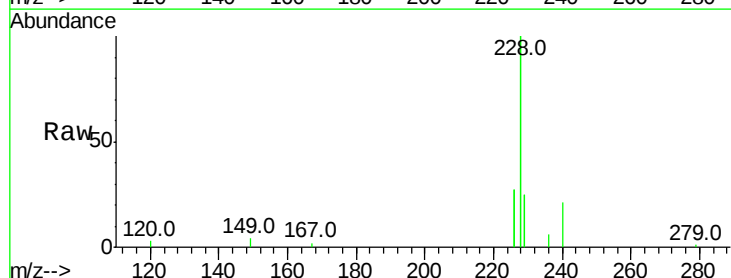
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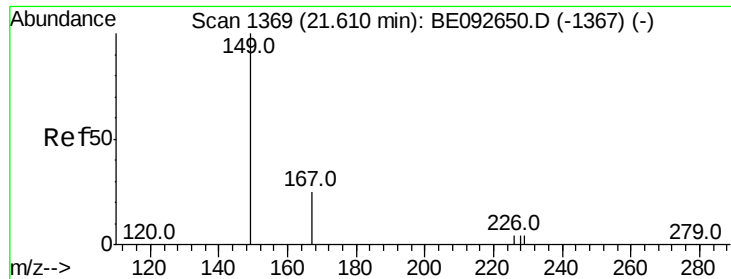
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#28
Chrysene
Concen: 0.27 ng m
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	36.3	54.5
229	25.4	10.6	16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

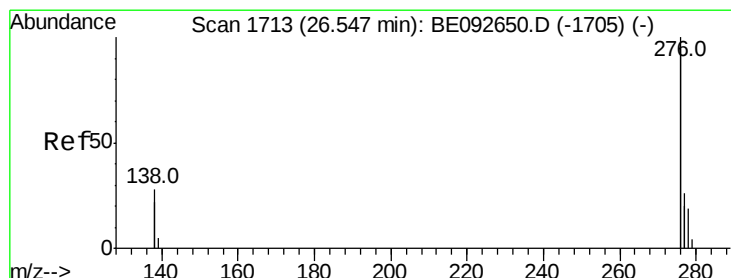
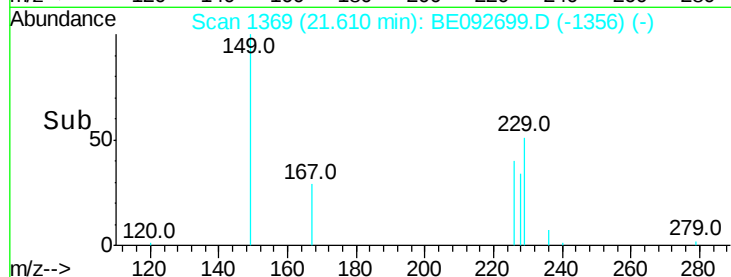
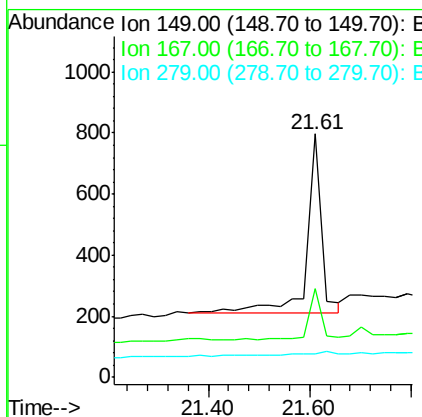
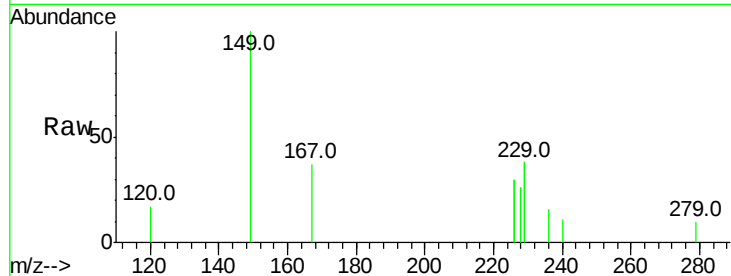
ClientSampled :

SB-01

Tot Ion:	149	Resp:	1164
Ion Ratio	Lower	Upper	
149	100		
167	25.4	16.0	24.0#
279	0.0	16.0	24.0#

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#30

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng

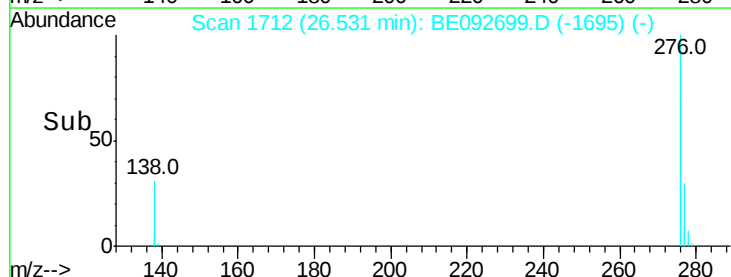
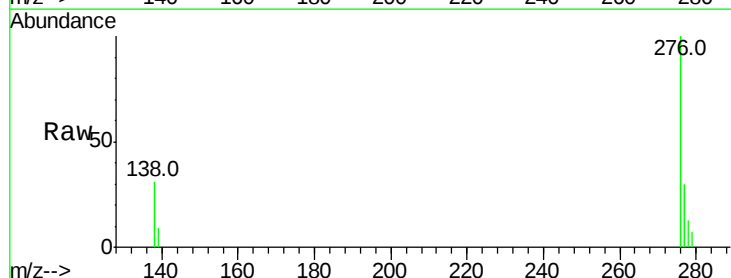
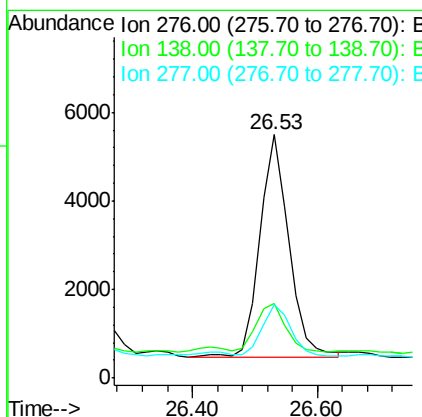
RT: 26.53 min Scan# 1712

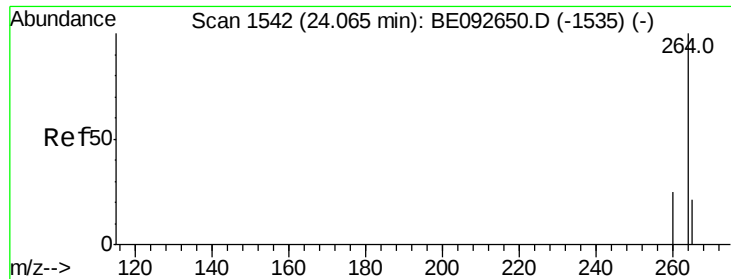
Delta R.T. -0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion:	276	Resp:	16139
Ion Ratio	Lower	Upper	
276	100		
138	23.0	20.3	30.5
277	22.8	19.7	29.5





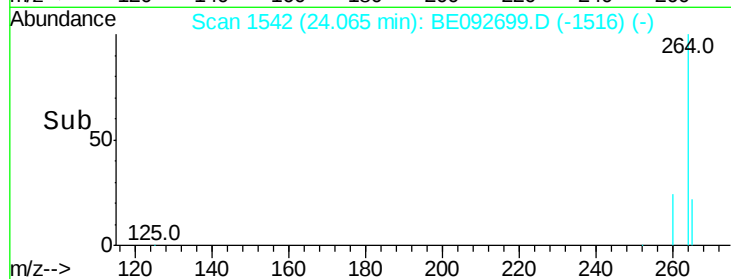
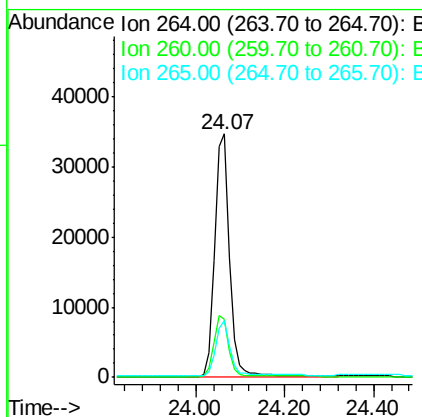
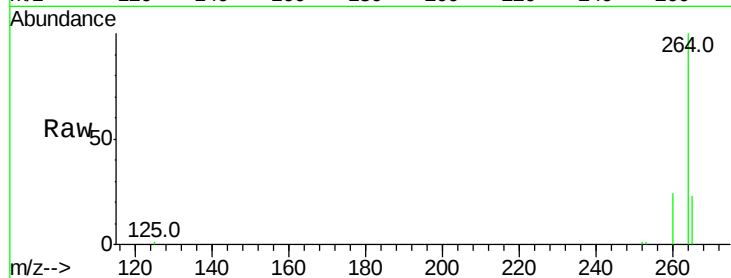
#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	23.1	17.9	26.9

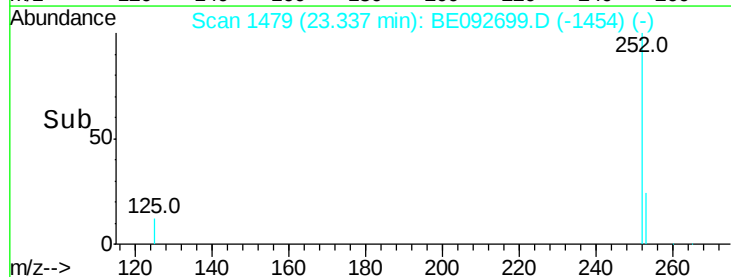
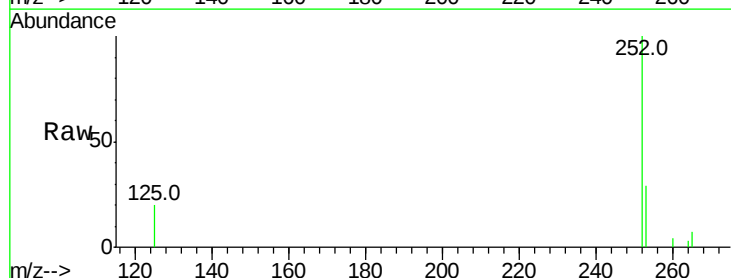
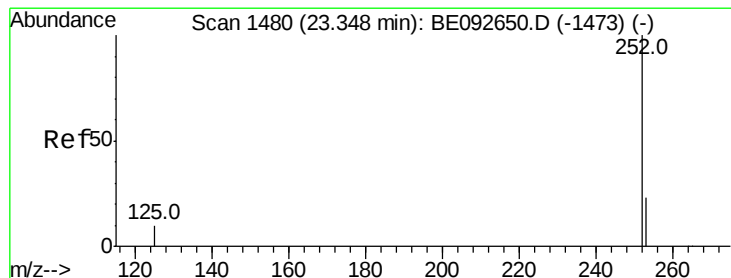
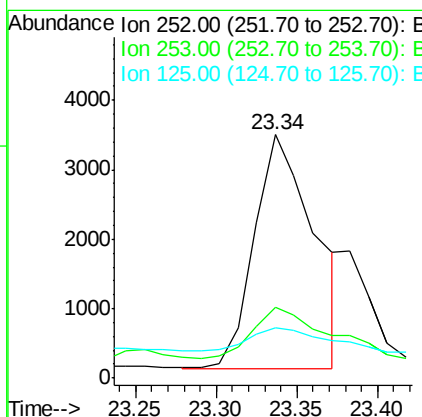
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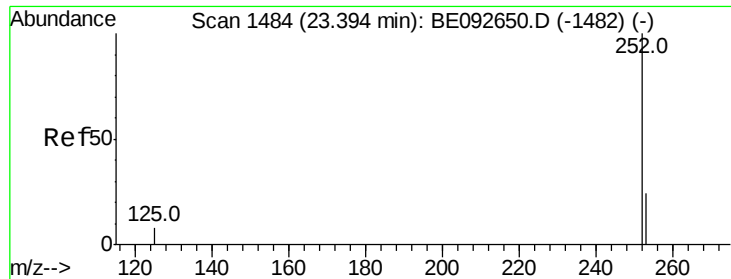
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#32
Benzo(b)fluoranthene
Concen: 0.45 ng m
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.7	28.1#
125	20.4	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 0.13 ng m

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

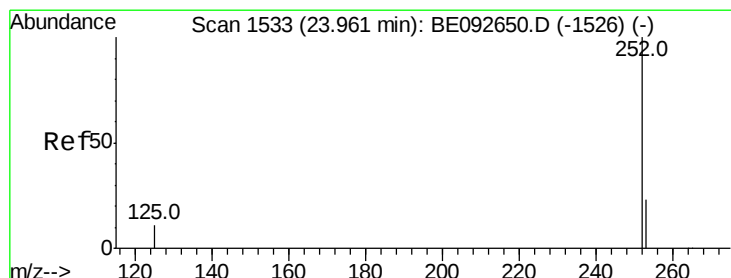
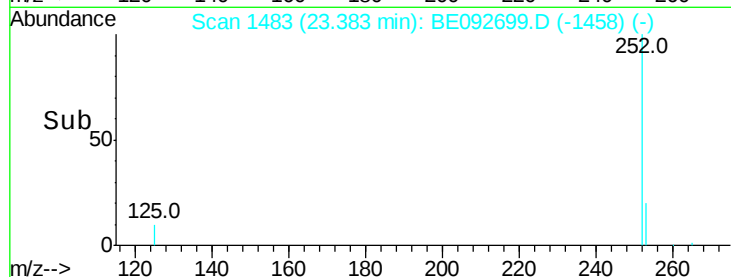
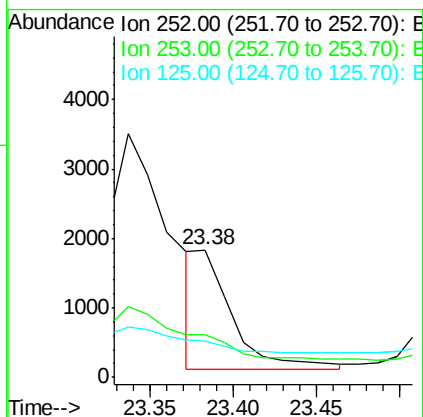
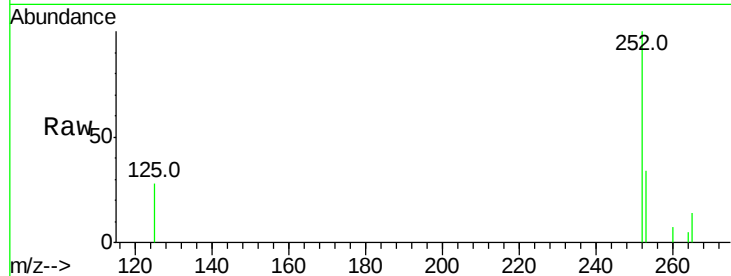
ClientSampleId :

SB-01

Tot Ion:	252	Resp:	2586
Ion Ratio	Lower	Upper	
252	100		
253	33.9	20.3	30.5#
125	28.4	9.6	14.4#

Manual Integrations
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#34

Benzo(a)pyrene

Concen: 0.33 ng

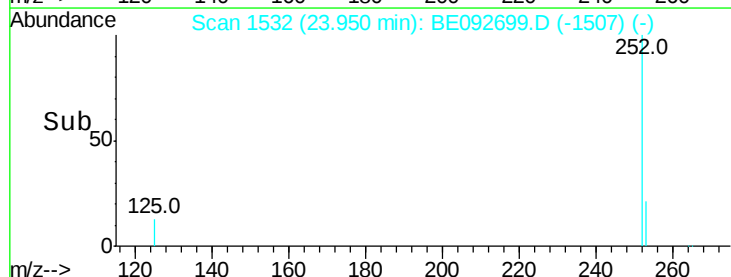
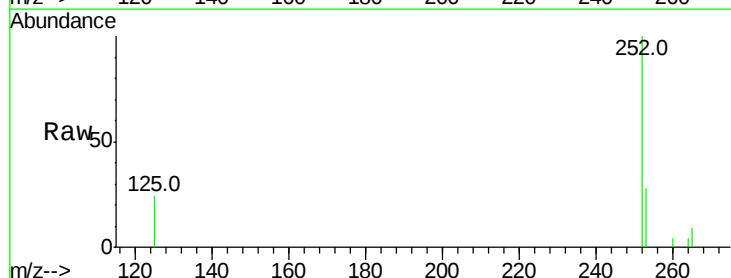
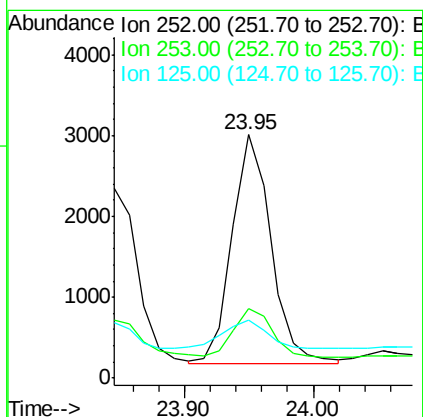
RT: 23.95 min Scan# 1532

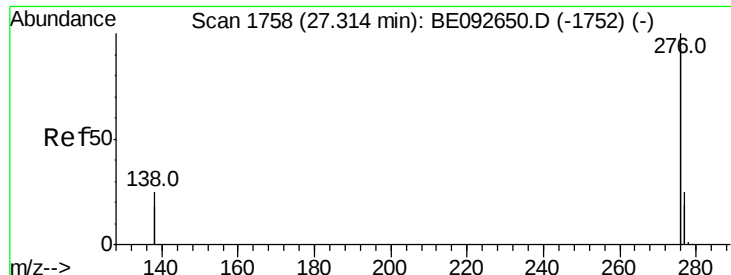
Delta R.T. -0.01 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Tgt Ion:	252	Resp:	5998
Ion Ratio	Lower	Upper	
252	100		
253	28.4	19.0	28.6
125	23.8	11.8	17.8#





#36

Benzo(a,h,i)perylene

Concen: 0.23 ng

RT: 27.30 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092699.D

Acq: 31 Jan 2017 22:43

Instrument :

BNA_E

ClientSampleId :

SB-01

Tot Ion: 276 Resp: 17508

Ion Ratio Lower Upper

276 100

277 30.9 19.8 29.8#

138 30.4 19.8 29.6#

Manual Integrations
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