

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
 Data File : BE092675.D
 Acq On : 24 Jan 2017 21:03
 Operator : UM/SJ
 Sample : I1378-06 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RVE-7

Manual Integrations
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Quant Time: Jan 25 13:29:39 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	8009	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	35892	5.00	ng	0.02
12) Acenaphthene-d10	14.78	164	25617	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	57578	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70164	5.00	ng	0.00
31) Perylene-d12	24.06	264	67434	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	1274	0.71	ng	0.01
5) Phenol-d6	7.34	99	1465	0.67	ng	0.00
8) Nitrobenzene-d5	9.48	82	543	0.23	ng	0.14
13) 2,4,6-Tribromophenol	16.34	330	424	0.68	ng	0.05
14) 2-Fluorobiphenyl	13.44	172	2451	0.39	ng	0.02
26) Terphenyl-d14	20.16	244	3609	0.36	ng	0.00
Target Compounds						
21) Phenanthrene	17.58	178	717	0.06	ng	Qvalue 95
23) Fluoranthene	19.60	202	6876	0.12	ng	99
25) Pyrene	19.95	202	6361	0.09	ng	# 92
27) Benzo(a)anthracene	21.70	228	4588m	0.07	ng	
28) Chrysene	21.75	228	4478m	0.06	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	185	0.22	ng	# 66
30) Indeno(1,2,3-cd)pyrene	26.58	276	2482	0.03	ng	94
32) Benzo(b)fluoranthene	23.36	252	1234m	0.08	ng	
33) Benzo(k)fluoranthene	23.38	252	604m	0.04	ng	
34) Benzo(a)pyrene	23.96	252	899	0.06	ng	# 61
36) Benzo(g,h,i)perylene	27.35	276	2764	0.04	ng	# 62

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

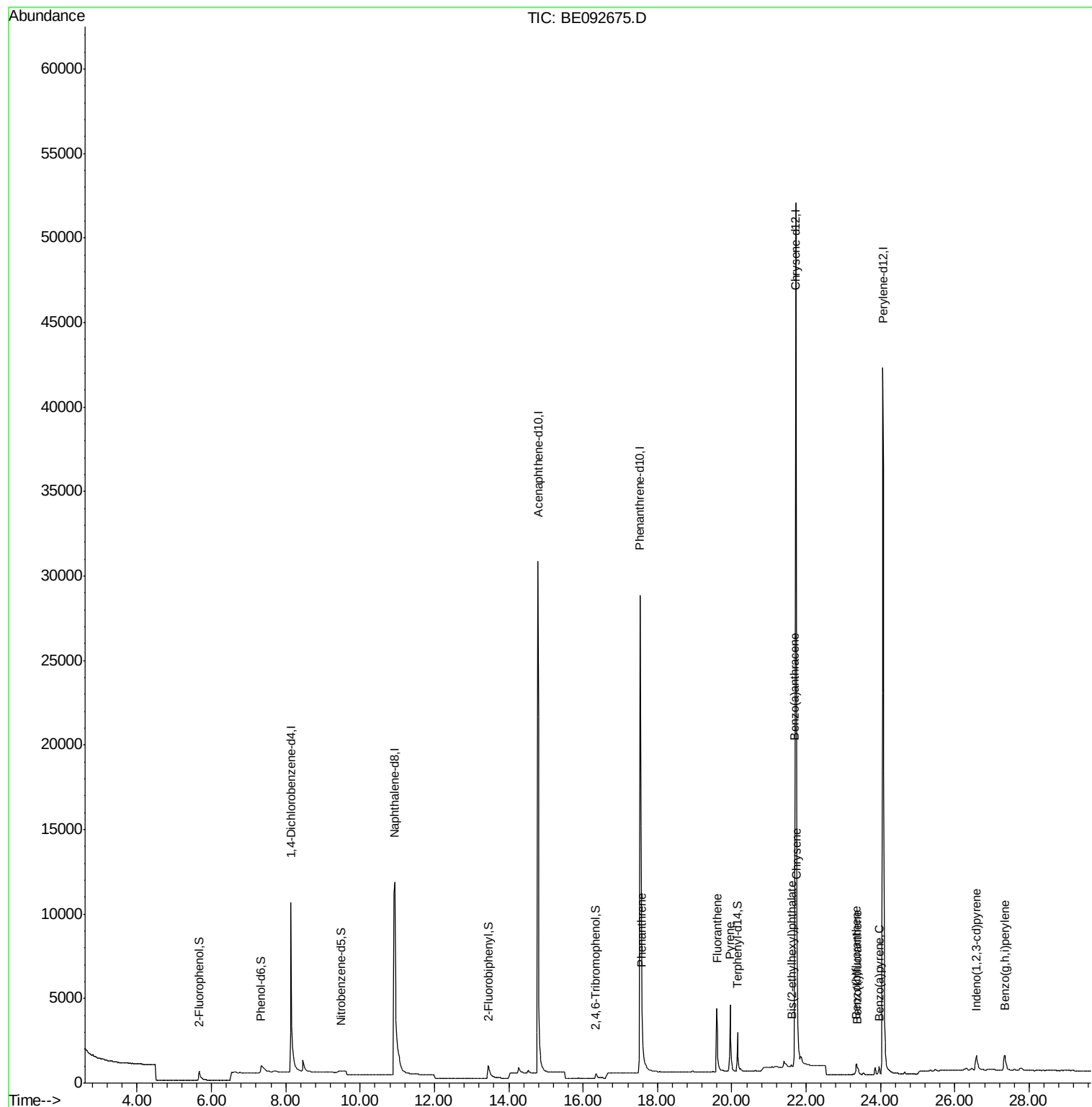
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092675.D
Acq On : 24 Jan 2017 21:03
Operator : UM/SJ
Sample : I1378-06 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

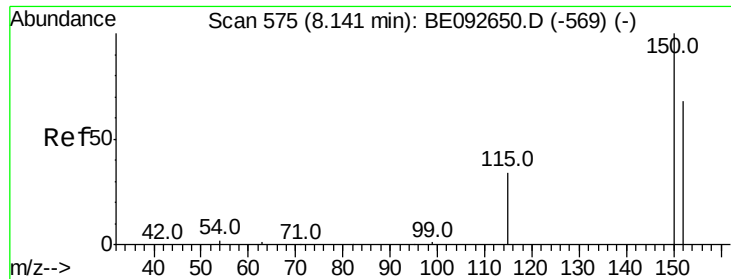
Instrument :
BNA_E
ClientSampled :
RVE-7

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
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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: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

ClientSampleId :

RVE-7

Tot Ion:152 Resp: 8009

Ion Ratio Lower Upper

152 100

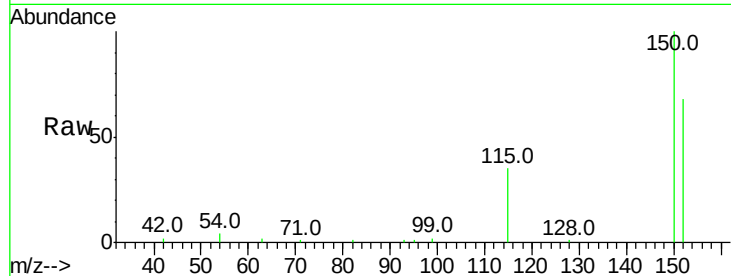
150 147.7 106.0 159.0

115 52.2 31.2 46.8#

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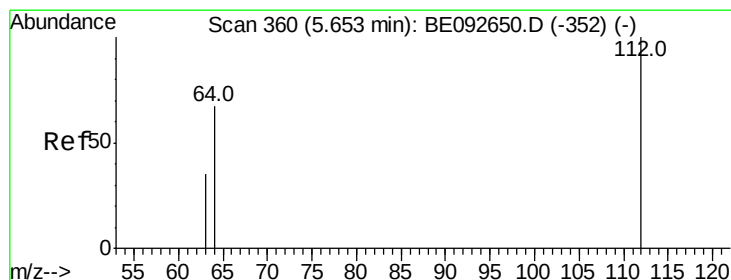
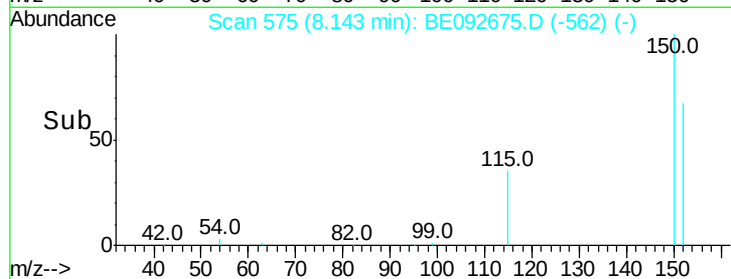
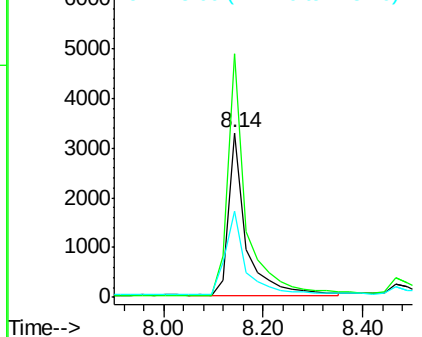
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.71 ng

RT: 5.66 min Scan# 362

Delta R.T. 0.01 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

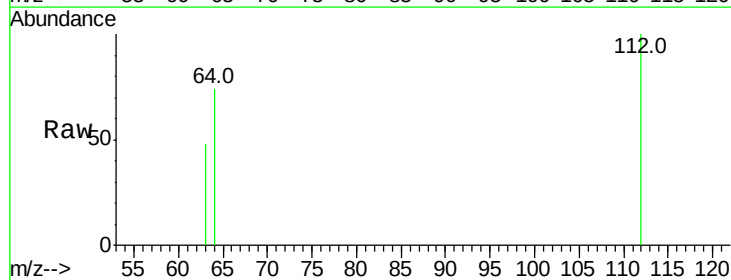
Tgt Ion:112 Resp: 1274

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

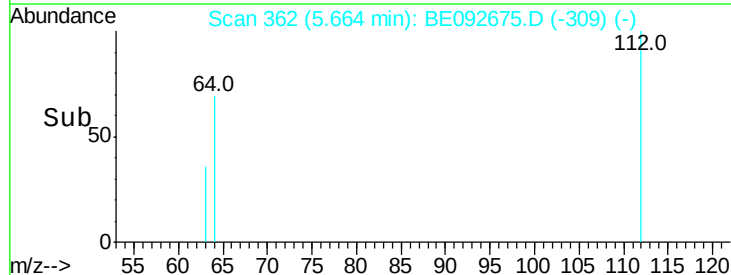
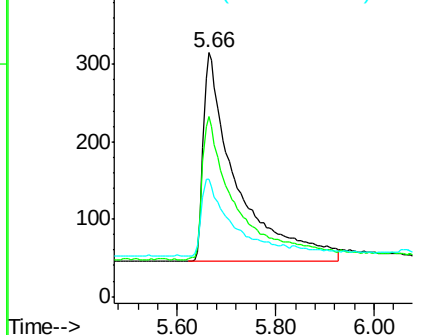
63 33.3 27.9 41.9

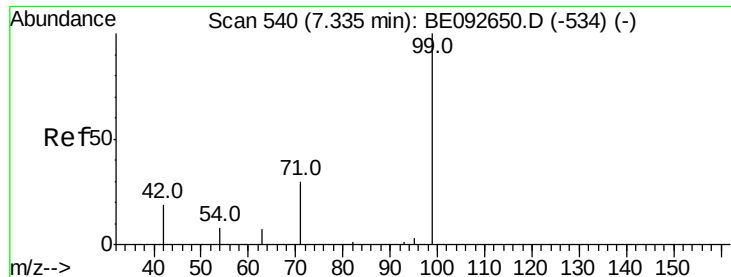


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.67 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

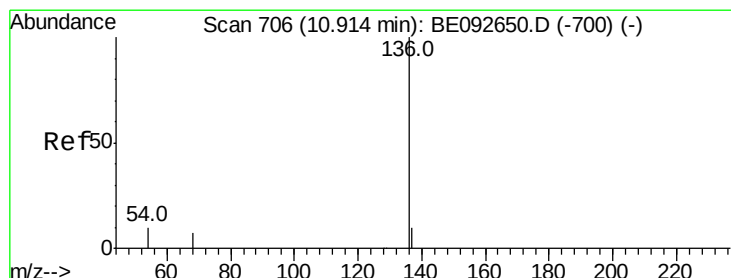
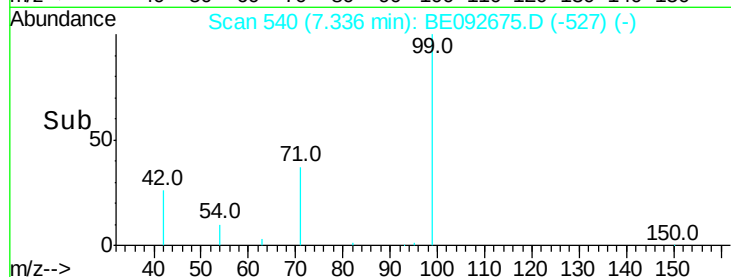
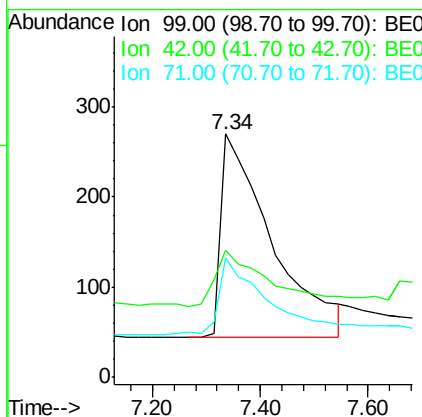
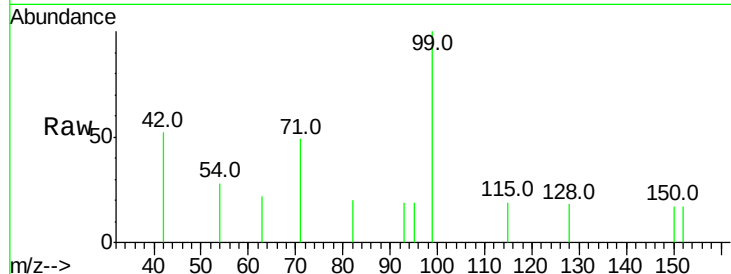
ClientSampleId :

RVE-7

Tot Ion	99	Resp:	1465
Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.0	24.0#
71	36.7	30.6	45.8

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#7

Naphthalene-d8

Concen: 5.00 ng

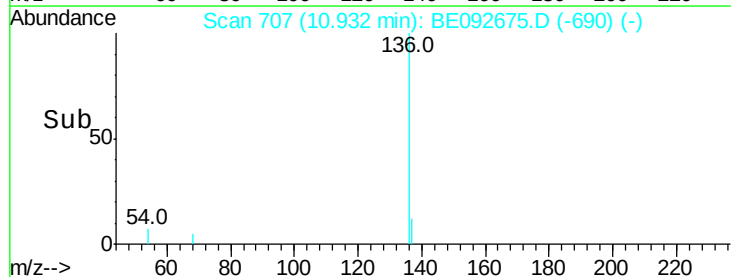
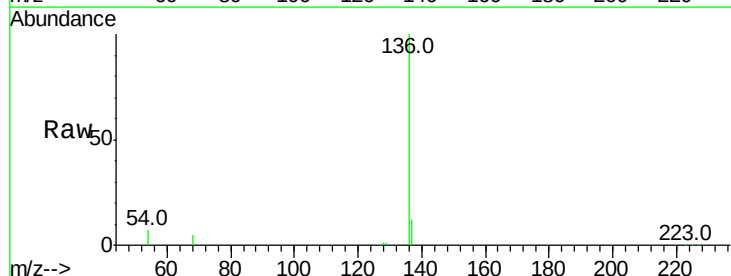
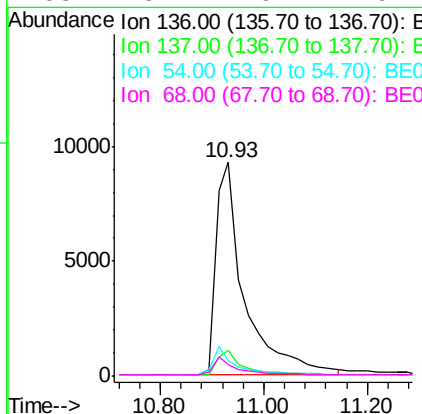
RT: 10.93 min Scan# 707

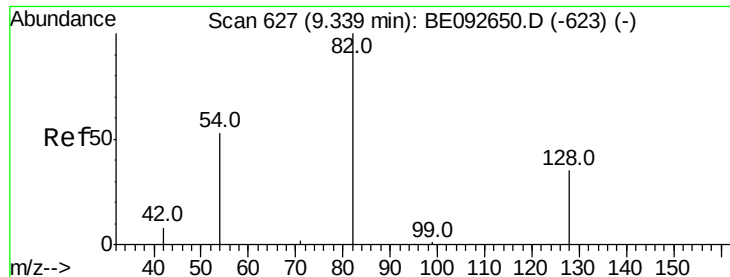
Delta R.T. 0.02 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion	136	Resp:	35892
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	7.4	9.6	14.4#
68	5.2	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.23 ng

RT: 9.48 min Scan# 633

Delta R.T. 0.14 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

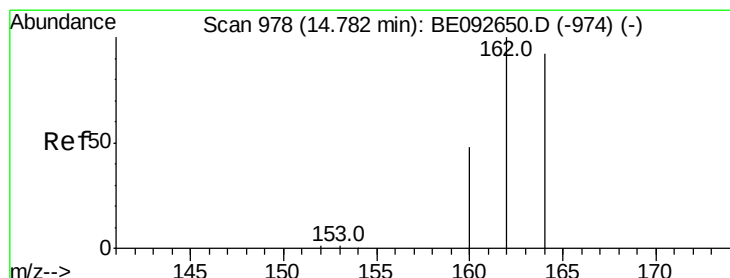
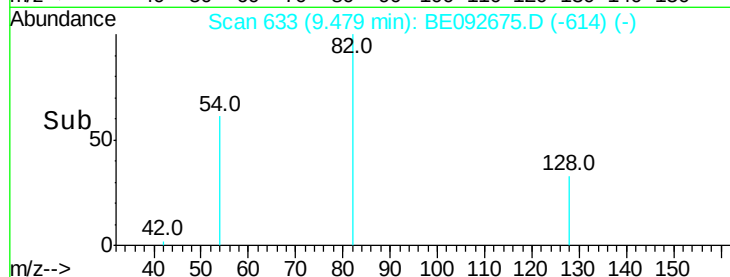
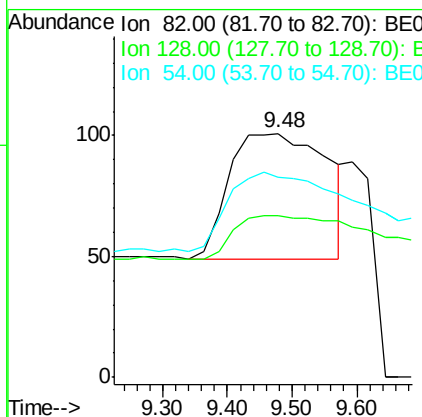
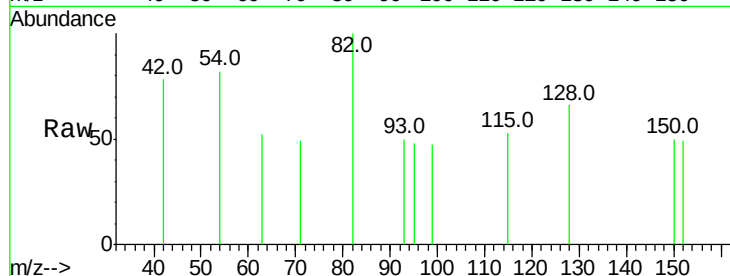
ClientSampled :

RVE-7

Tot Ion:	82	Resp:	543
Ion Ratio	Lower	Upper	
82	100		
128	66.3	39.0	58.4#
54	82.2	44.8	67.2#

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#12

Acenaphthene-d10

Concen: 5.00 ng

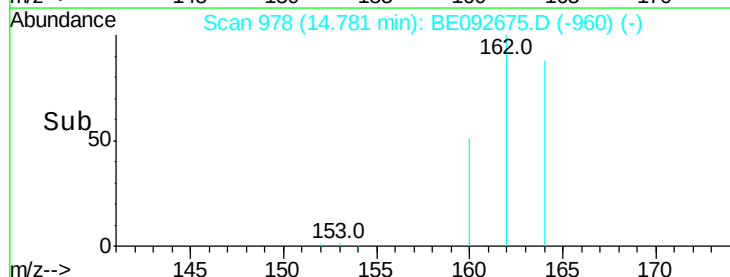
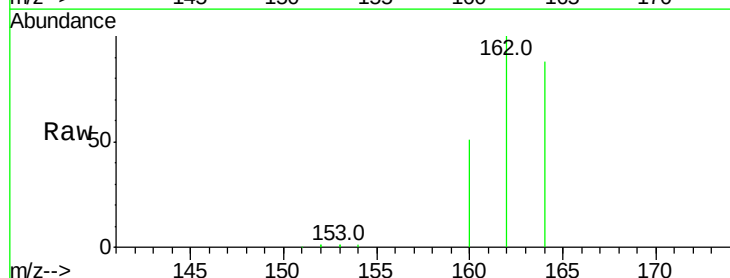
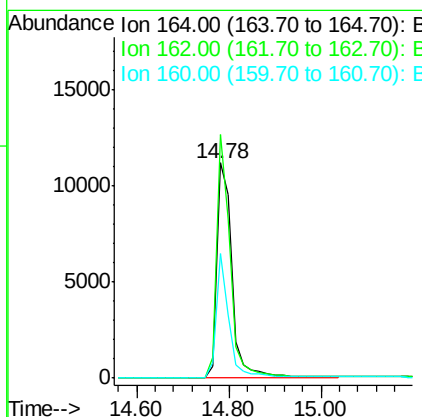
RT: 14.78 min Scan# 978

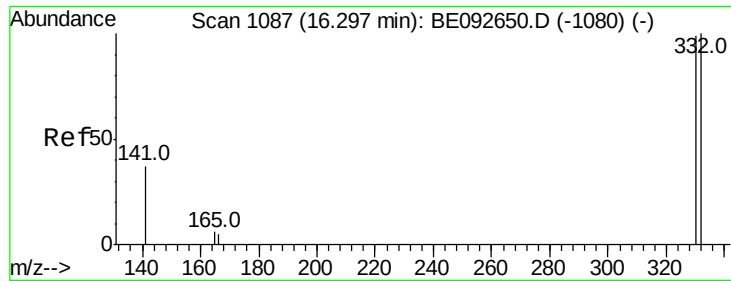
Delta R.T. -0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion:	164	Resp:	25617
Ion Ratio	Lower	Upper	
164	100		
162	113.2	71.4	107.0#
160	58.0	27.4	41.2#





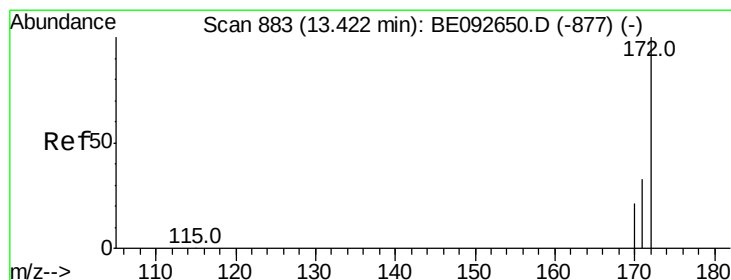
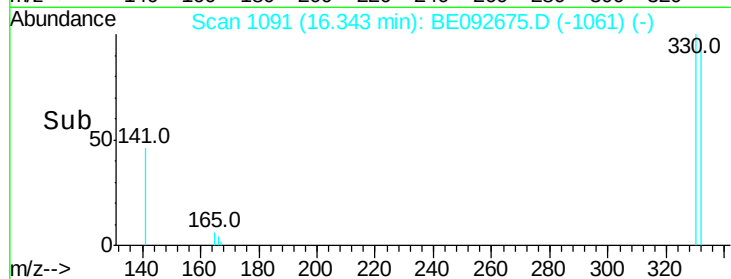
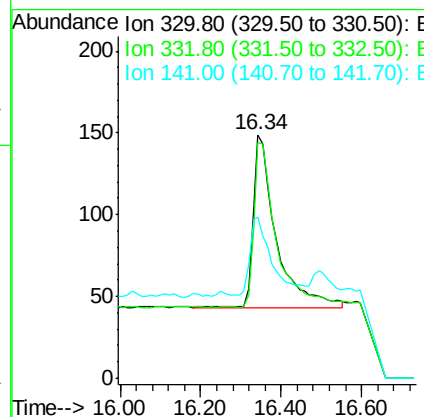
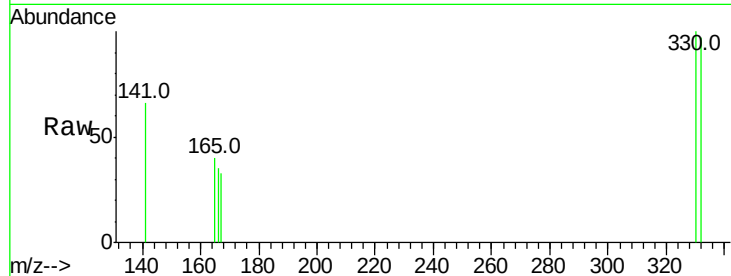
#13
 2,4,6-Tribromophenol
 Concen: 0.68 ng
 RT: 16.34 min Scan# 1091
 Delta R.T. 0.05 min
 Lab File: BE092675.D
 Acq: 24 Jan 2017 21:03

Instrument :
 BNA_E
 ClientSampleId :
 RVE-7

Tot Ion:330 Resp: 424
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.4 113.0
 141 42.0 31.0 46.6

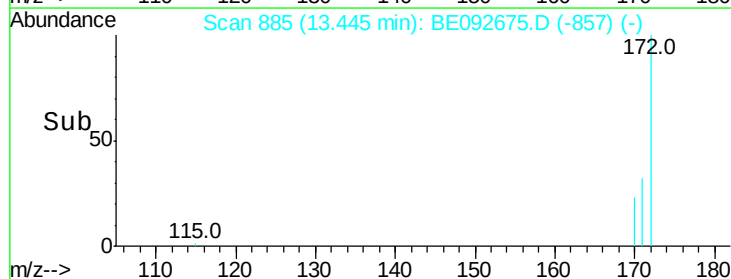
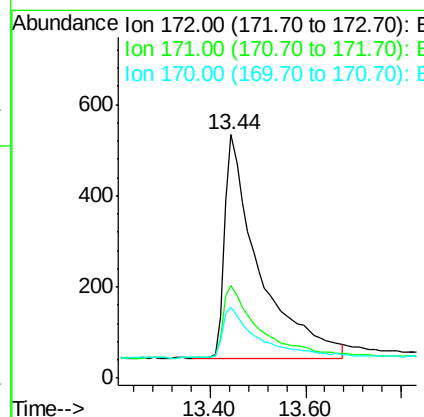
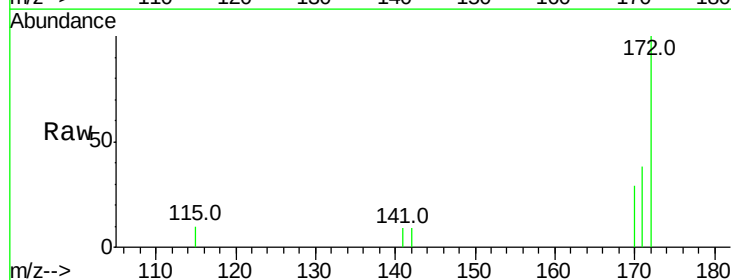
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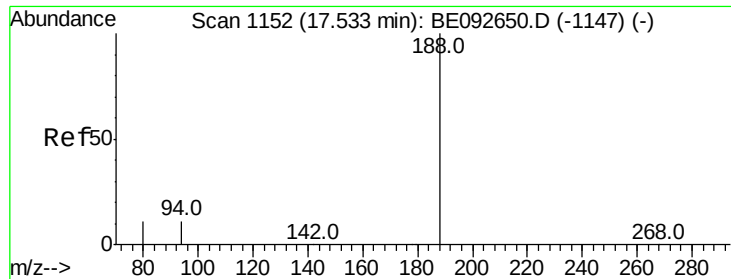
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#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.44 min Scan# 885
 Delta R.T. 0.02 min
 Lab File: BE092675.D
 Acq: 24 Jan 2017 21:03

Tgt Ion:172 Resp: 2451
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.1 45.1
 170 29.2 21.8 32.6





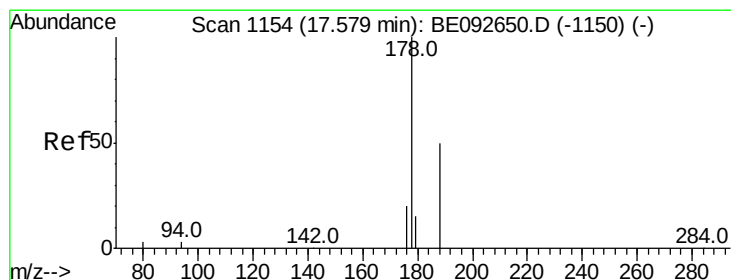
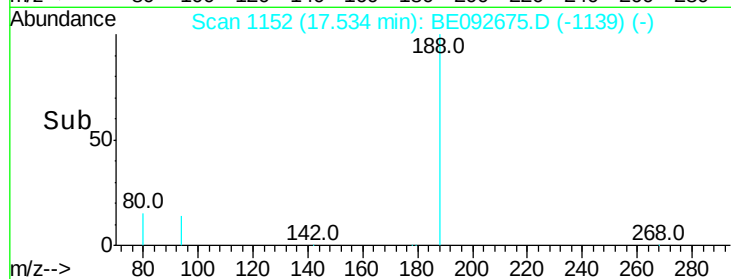
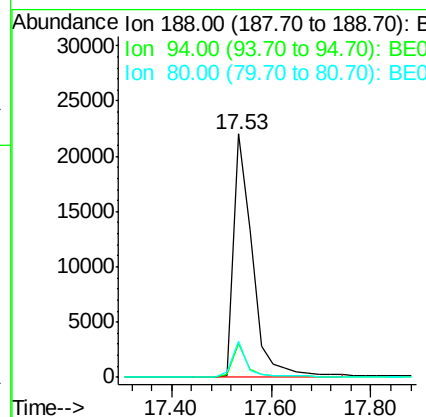
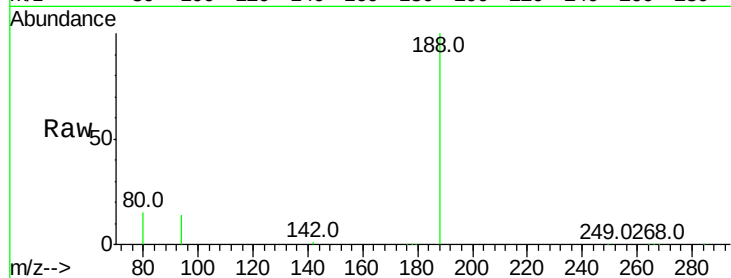
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :
RVE-7

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.9	3.2	4.8#
80	14.8	2.6	3.8#

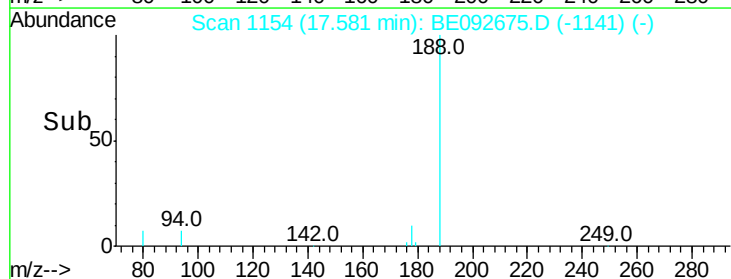
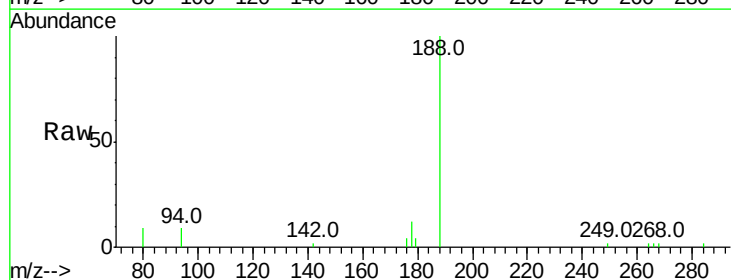
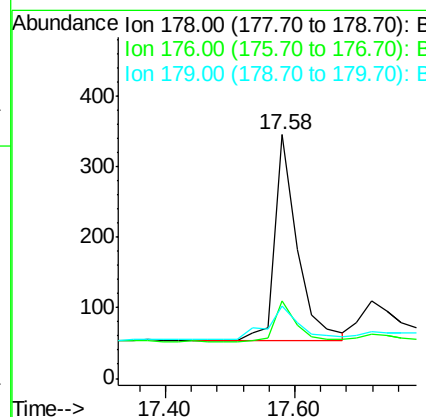
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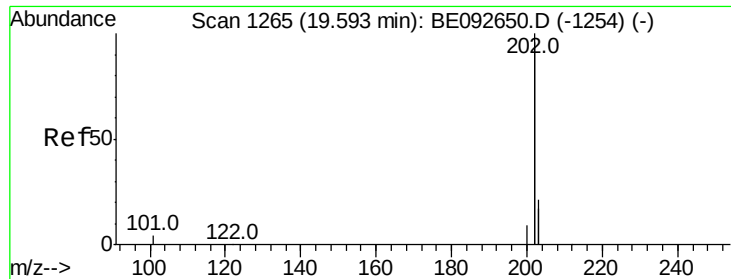
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#21
Phenanthrene
Concen: 0.06 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	22.9	16.0	24.0





#23

Fluoranthene

Concen: 0.12 ng

RT: 19.60 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

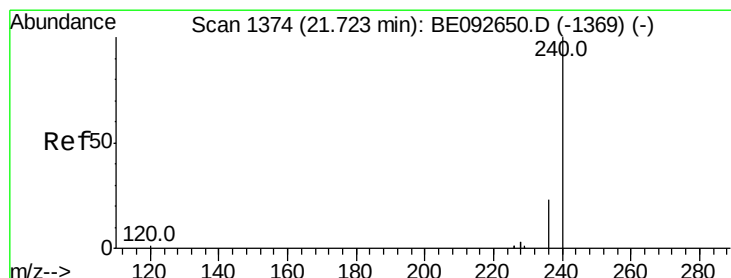
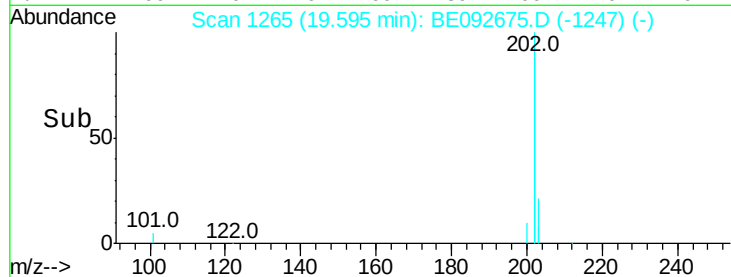
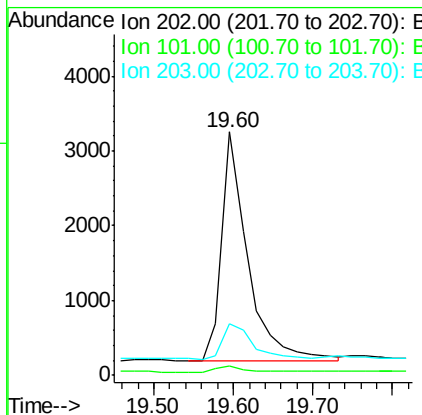
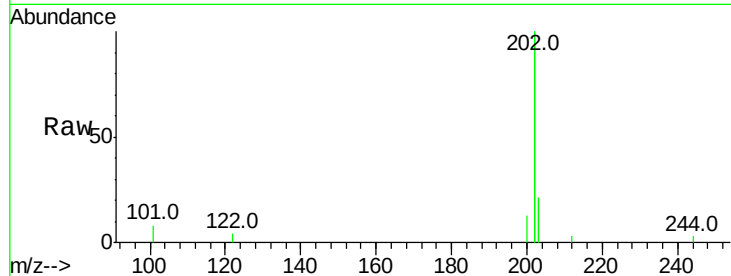
ClientSampleId :

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Tot Ion:	202	Resp:	6876
Ion Ratio	Lower	Upper	
202	100		
101	2.9	2.2	3.4
203	16.6	13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

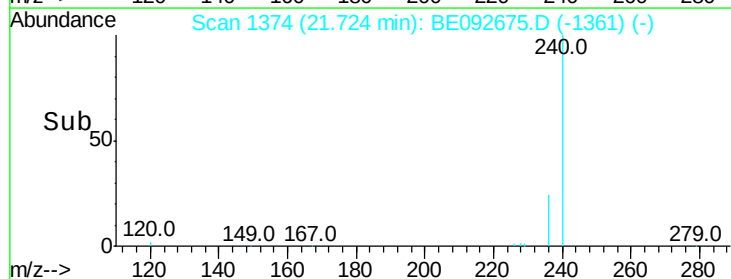
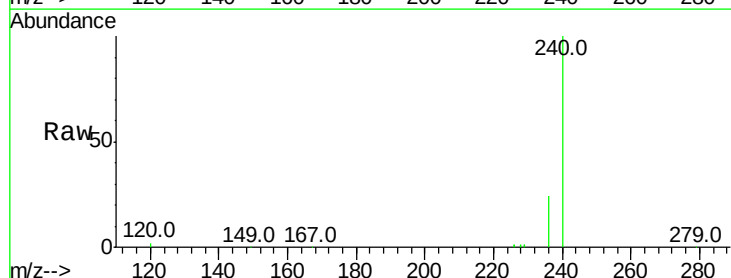
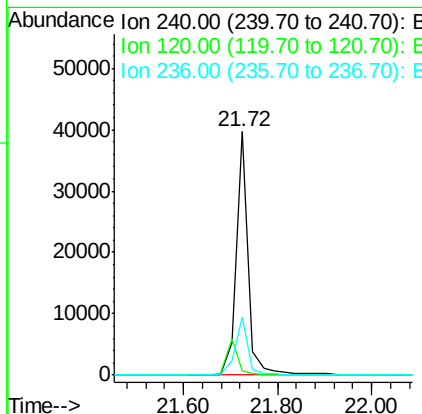
RT: 21.72 min Scan# 1374

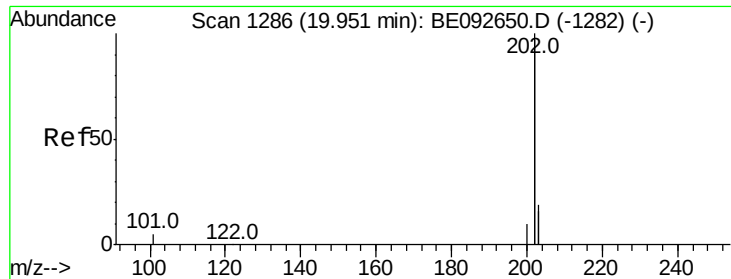
Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion:	240	Resp:	70164
Ion Ratio	Lower	Upper	
240	100		
120	1.9	2.6	4.0#
236	23.7	24.6	37.0#





#25

Pvrene

Concen: 0.09 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

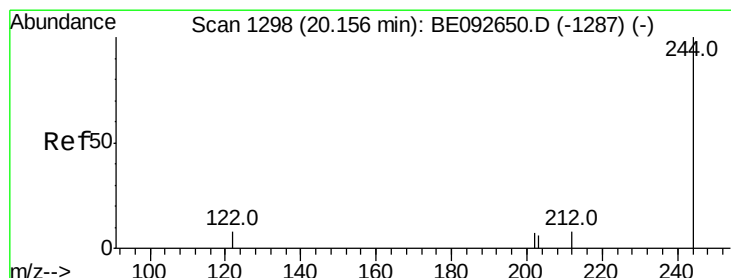
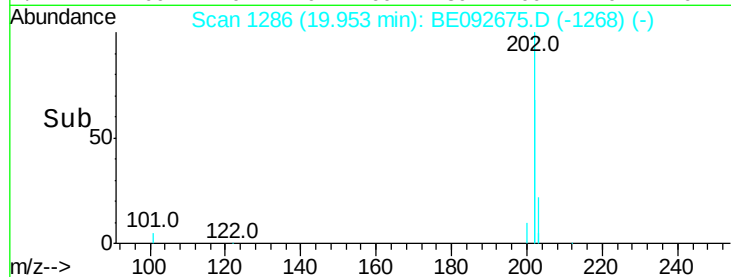
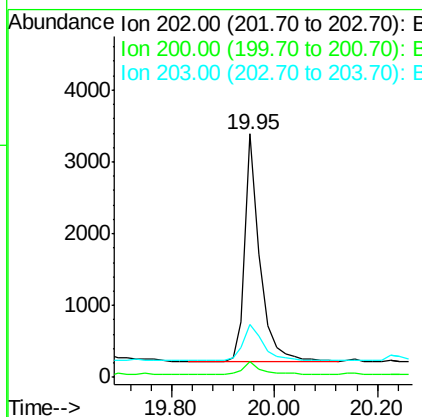
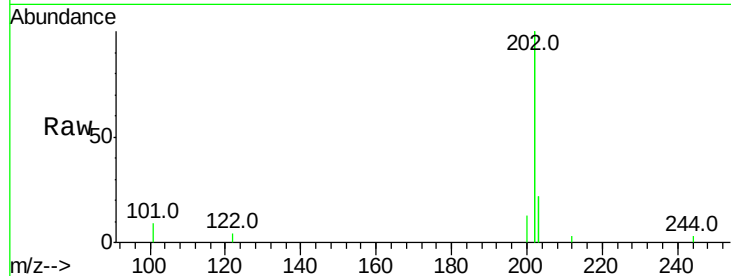
ClientSampleId :

RVE-7

Tot Ion:	202	Resp:	6361
Ion Ratio	Lower	Upper	
202	100		
200	5.6	4.2	6.4
203	21.8	13.9	20.9#

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#26

Terphenyl-d14

Concen: 0.36 ng

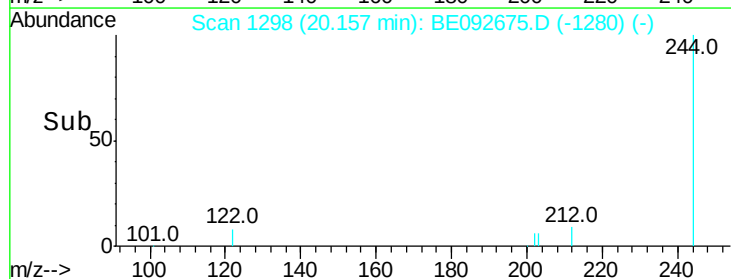
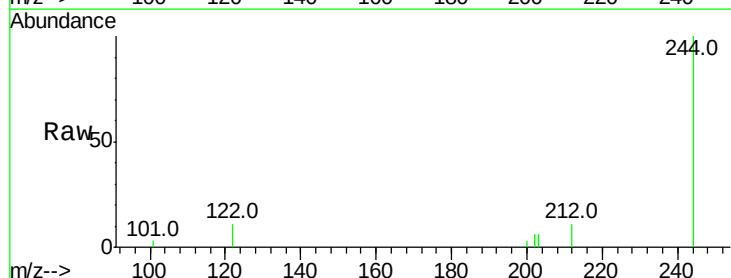
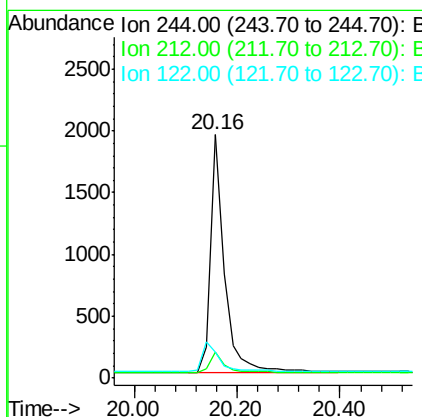
RT: 20.16 min Scan# 1298

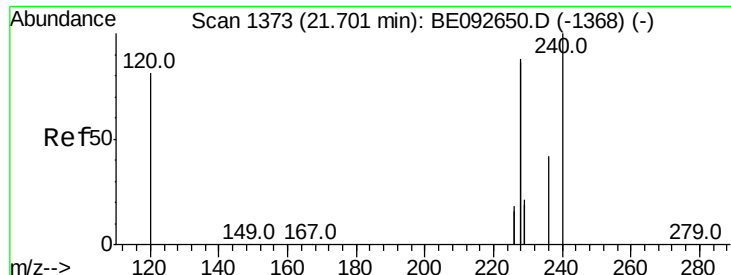
Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion:	244	Resp:	3609
Ion Ratio	Lower	Upper	
244	100		
212	10.7	6.7	10.1#
122	10.6	3.6	5.4#





#27

Benzo(a)anthracene

Concen: 0.07 ng m

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

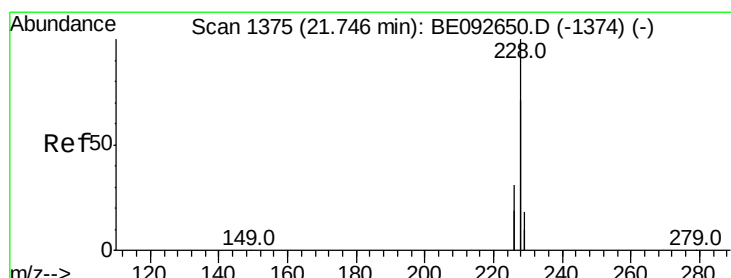
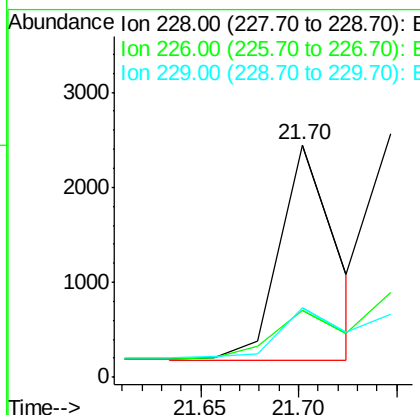
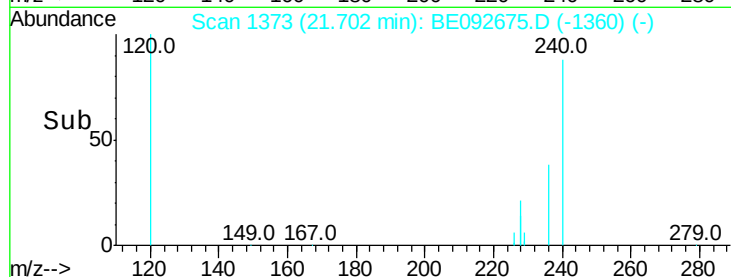
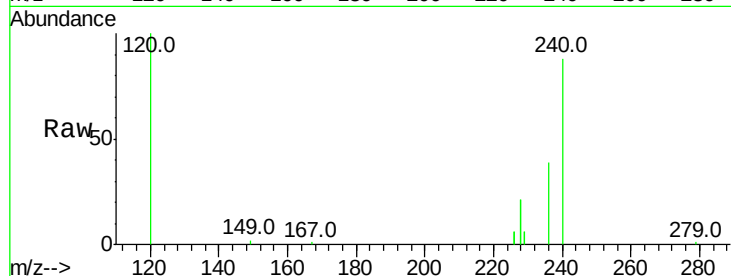
Instrument :
BNA_E
ClientSampleId :
RVE-7

Tot Ion:228 Resp: 4588

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	30.0	13.3	19.9#

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#28

Chrysene

Concen: 0.06 ng m

RT: 21.75 min Scan# 1375

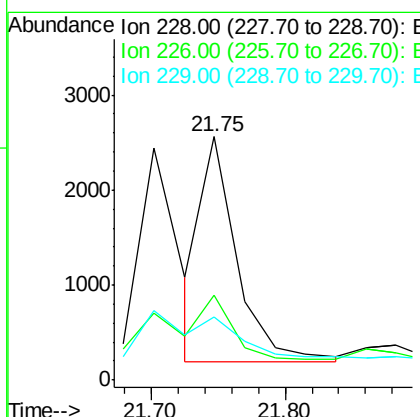
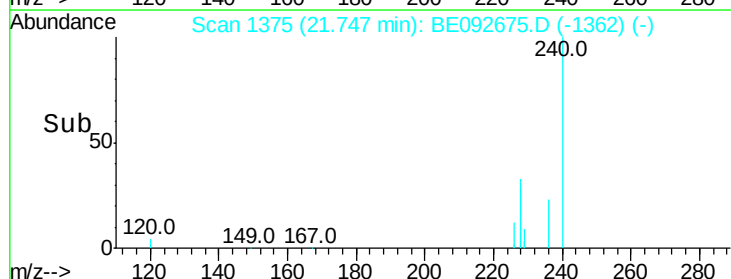
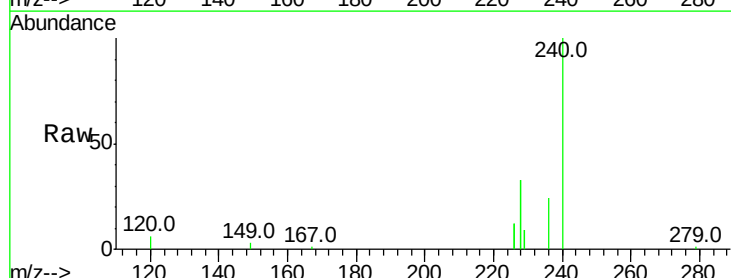
Delta R.T. 0.00 min

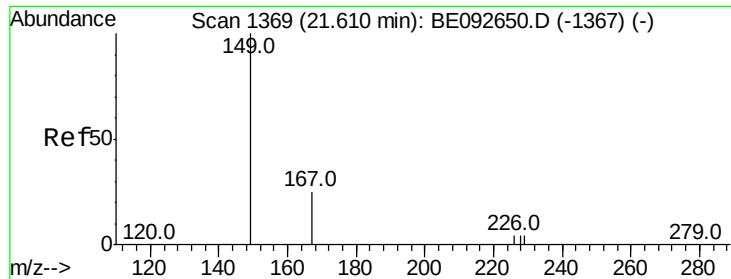
Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion:228 Resp: 4478

Ion	Ratio	Lower	Upper
228	100		
226	35.1	36.3	54.5#
229	26.0	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Instrument :

BNA_E

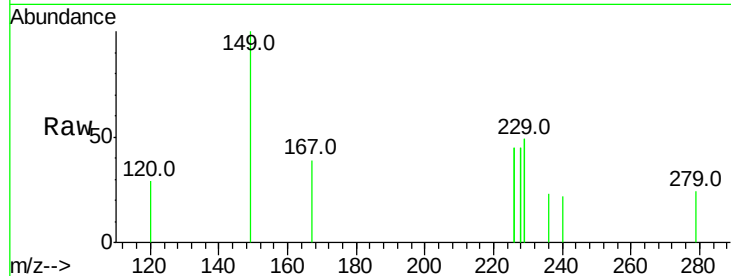
ClientSampled :

RVE-7

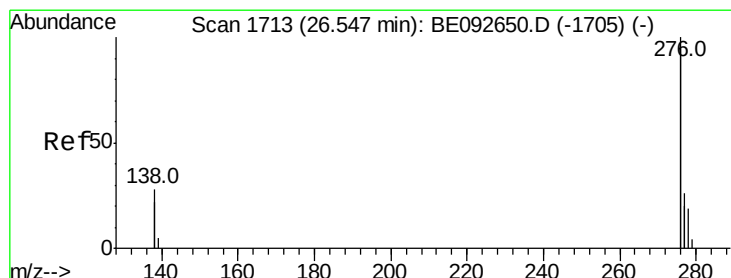
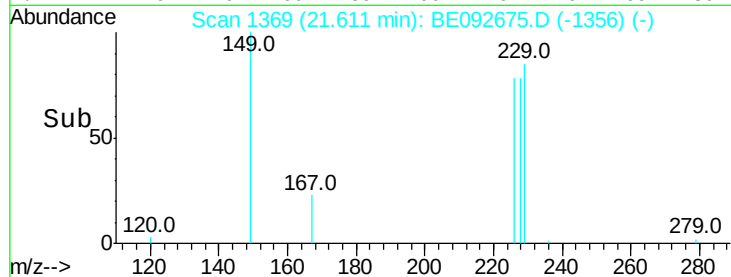
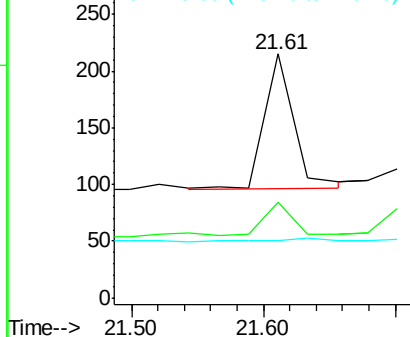
Tot Ion:	149	Resp:	185
Ion Ratio	Lower	Upper	
149	100		
167	30.8	16.0	24.0#
279	0.0	16.0	24.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 26.58 min Scan# 1715

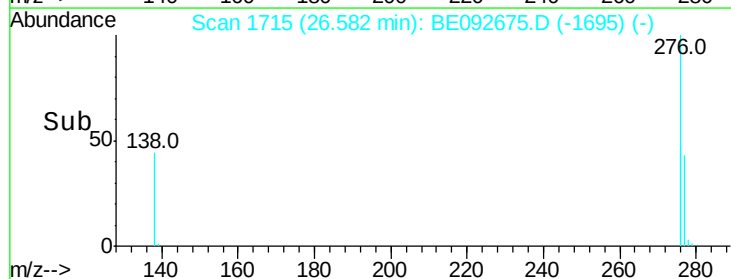
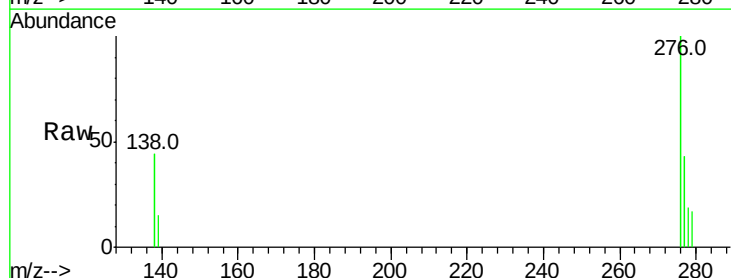
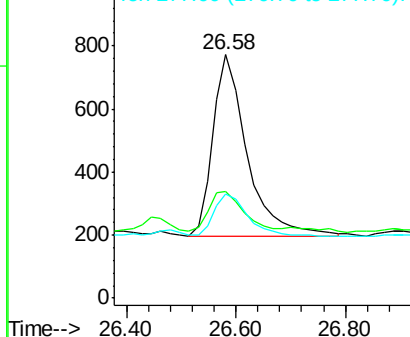
Delta R.T. 0.03 min

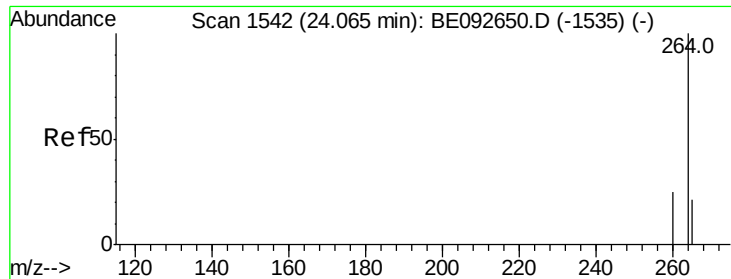
Lab File: BE092675.D

Acq: 24 Jan 2017 21:03

Tgt Ion:	276	Resp:	2482
Ion Ratio	Lower	Upper	
276	100		
138	21.5	20.3	30.5
277	22.3	19.7	29.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





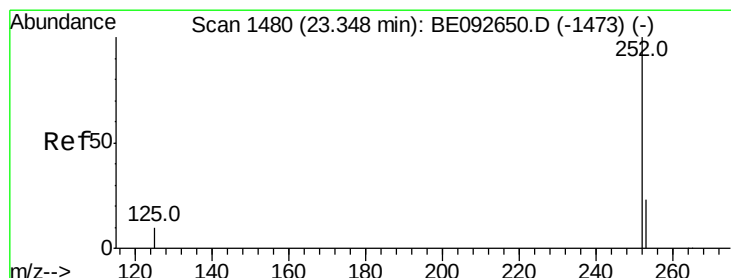
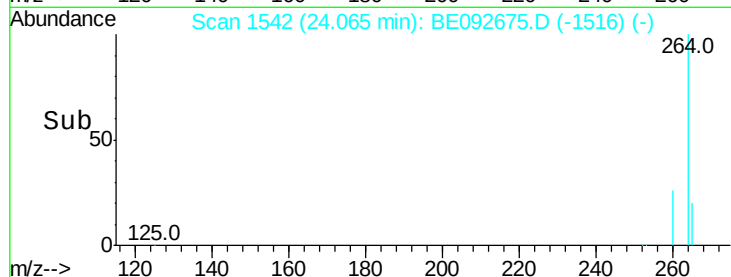
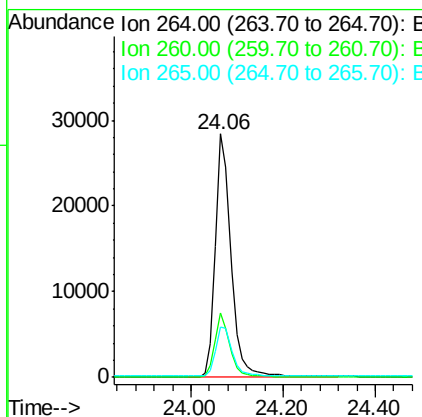
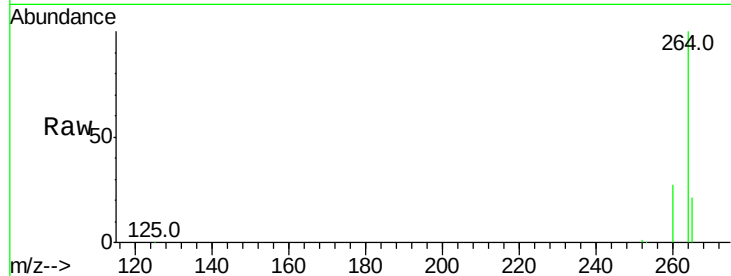
#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :
RVE-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.1	30.1
265	20.7	17.9	26.9

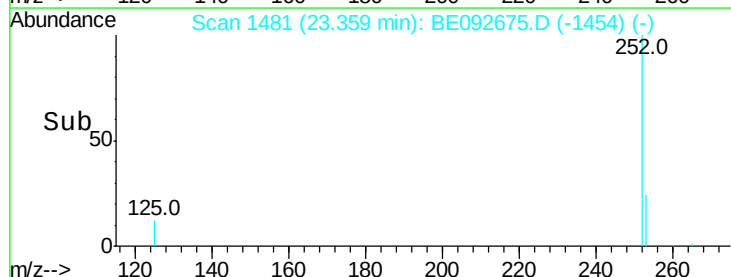
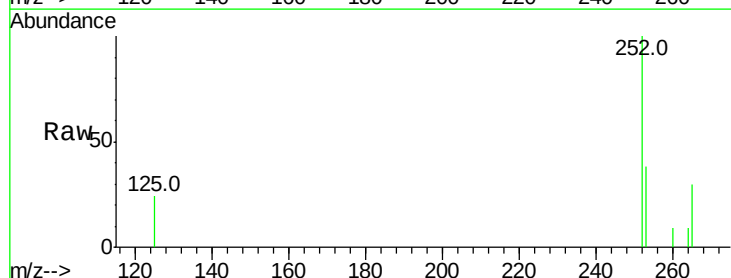
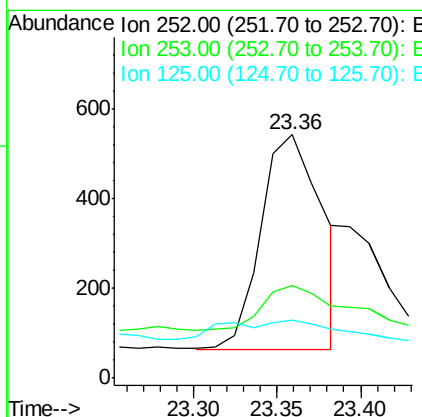
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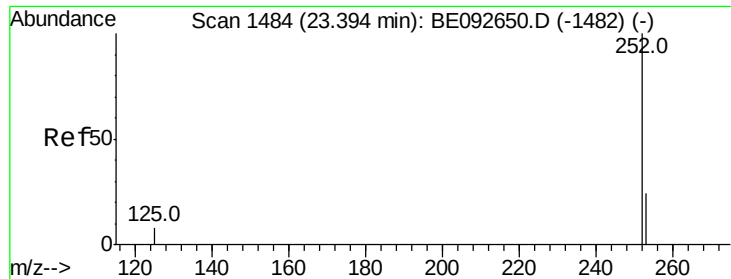
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#32
Benzo(b)fluoranthene
Concen: 0.08 ng m
RT: 23.36 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.7	28.1#
125	23.8	10.5	15.7#





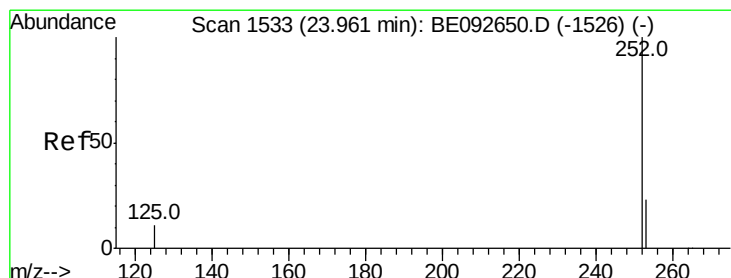
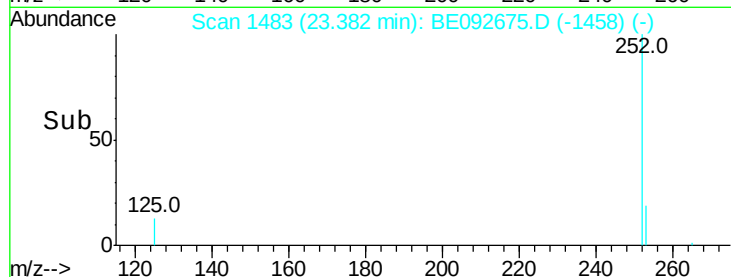
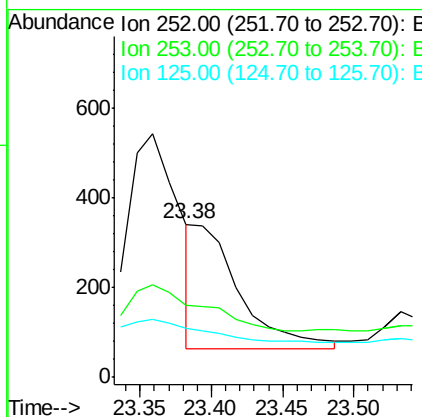
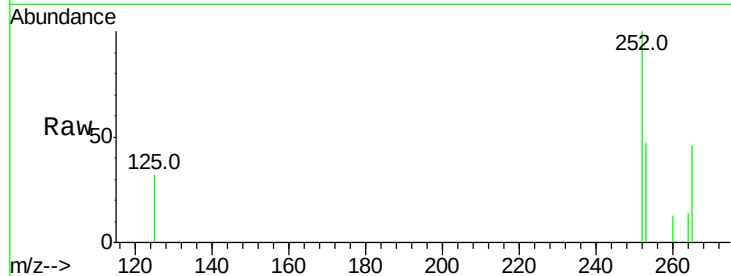
#33
Benzo(k)fluoranthene
Concen: 0.04 ng m
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :
RVE-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.4	20.3	30.5#
125	32.5	9.6	14.4#

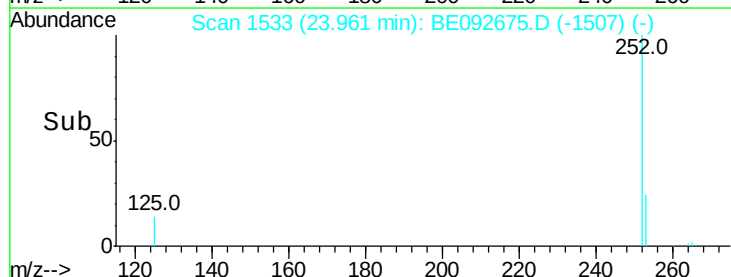
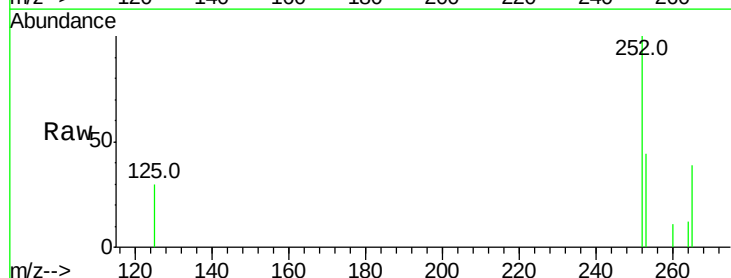
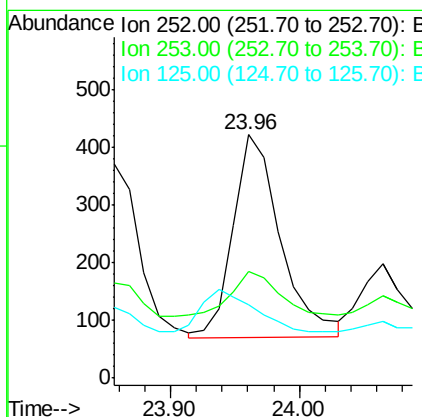
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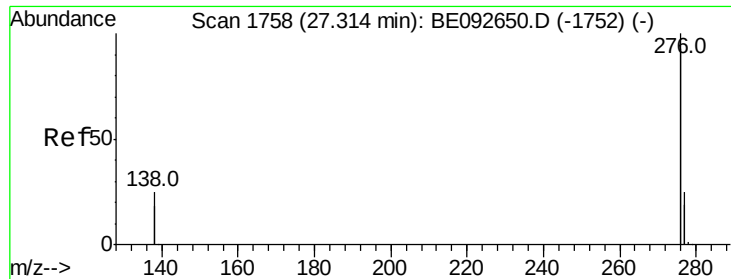
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#34
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.6	19.0	28.6#
125	29.9	11.8	17.8#





#36
 Benzo(a,h,i)perylene
 Concen: 0.04 ng
 RT: 27.35 min Scan# 1760
 Delta R.T. 0.03 min
 Lab File: BE092675.D
 Acq: 24 Jan 2017 21:03

Instrument :
 BNA_E
 ClientSampleId :
 RVE-7

Tot Ion	Ratio	Lower	Upper
276	100		
277	43.5	19.8	29.8#
138	44.0	19.8	29.6#

Manual Integrations
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