

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
 Data File : BE092676.D
 Acq On : 24 Jan 2017 21:39
 Operator : UM/SJ
 Sample : I1378-05 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RVE-6

Manual Integrations
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Quant Time: Jan 25 13:35:29 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	9416	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	44672	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	31044	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	68232	5.00	ng	0.00
24) Chrysene-d12	21.72	240	72363	5.00	ng	0.00
31) Perylene-d12	24.07	264	73654	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	1675	0.80	ng	0.01
5) Phenol-d6	7.33	99	2016	0.78	ng	0.00
8) Nitrobenzene-d5	9.41	82	761	0.26	ng	0.07
13) 2,4,6-Tribromophenol	16.34	330	544	0.71	ng	0.05
14) 2-Fluorobiphenyl	13.43	172	3270	0.43	ng	0.01
26) Terphenyl-d14	20.16	244	4293	0.42	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.97	128	296	0.03	ng	# 29
15) Acenaphthylene	14.51	152	1570	0.04	ng	99
16) Acenaphthene	14.85	154	217	0.03	ng	88
17) Fluorene	15.87	166	175	0.02	ng	96
21) Phenanthrene	17.58	178	4307	0.29	ng	95
22) Anthracene	17.69	178	1042	0.07	ng	100
23) Fluoranthene	19.58	202	34795	0.52	ng	100
25) Pyrene	19.95	202	32398	0.45	ng	# 92
27) Benzo(a)anthracene	21.70	228	20550m	0.29	ng	
28) Chrysene	21.75	228	19863m	0.25	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	3357	0.44	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.55	276	10336	0.12	ng	95
32) Benzo(b)fluoranthene	23.35	252	6536m	0.37	ng	
33) Benzo(k)fluoranthene	23.38	252	1962m	0.11	ng	
34) Benzo(a)pyrene	23.96	252	4042	0.24	ng	94
35) Dibenzo(a,h)anthracene	26.56	278	638	0.04	ng	# 53
36) Benzo(a,h,i)perylene	27.31	276	10802	0.16	ng	92

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

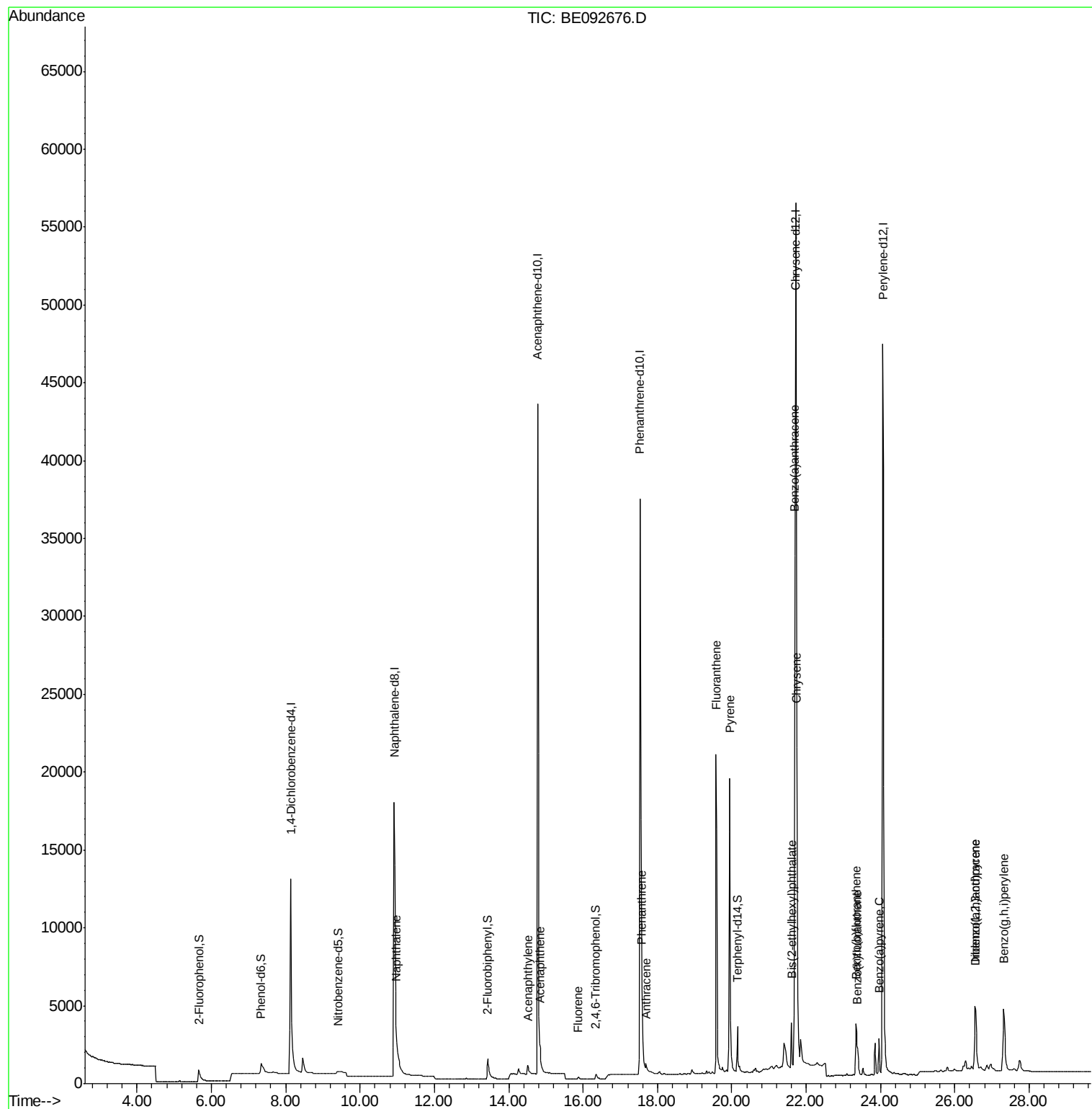
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
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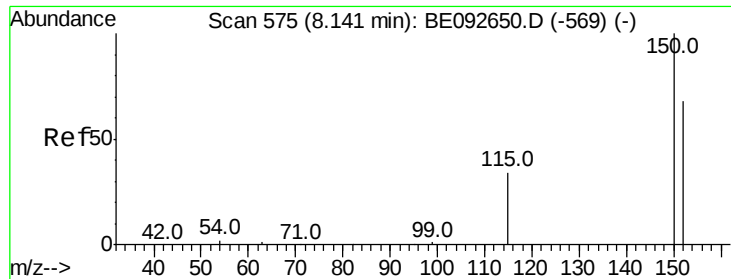
Instrument :
BNA_E
ClientSampled :
RVE-6

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

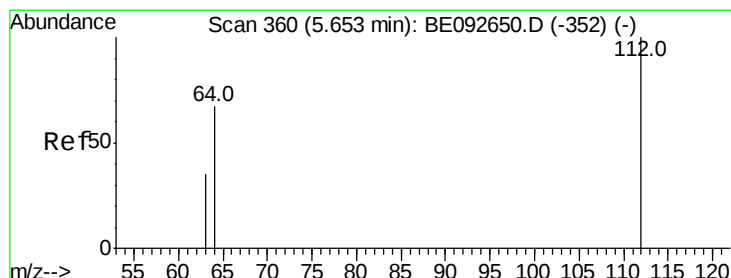
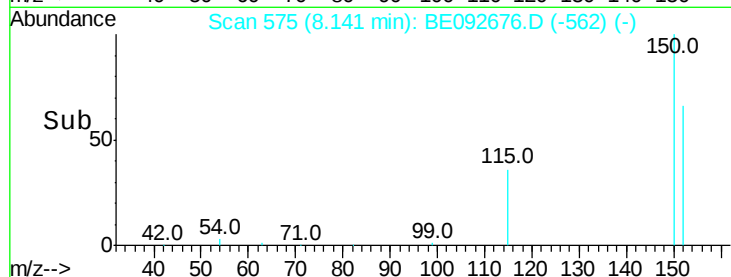
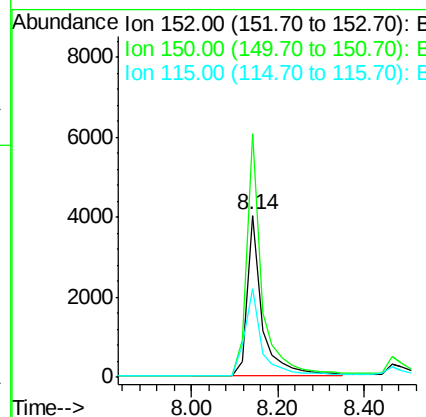
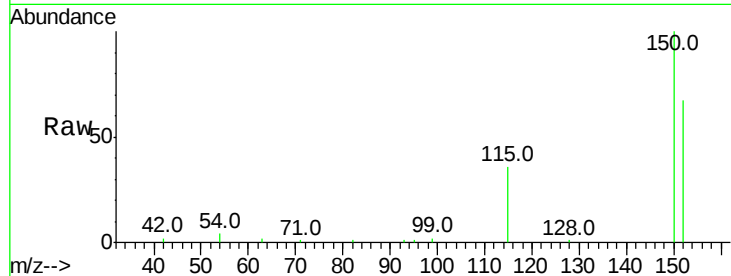
ClientSampleId :

RVE-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	106.0	159.0
115	54.6	31.2	46.8

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#4

2-Fluorophenol

Concen: 0.80 ng

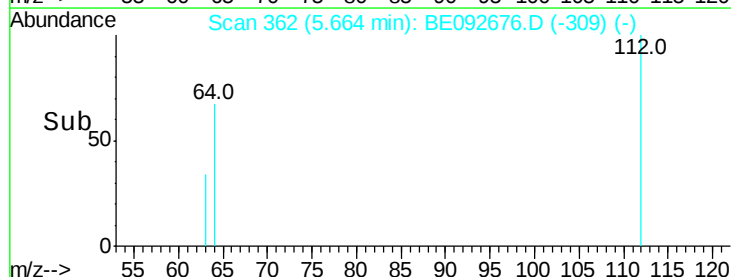
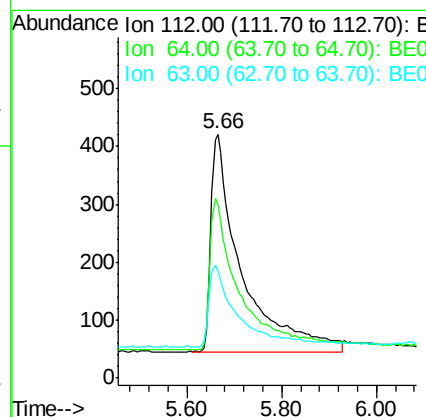
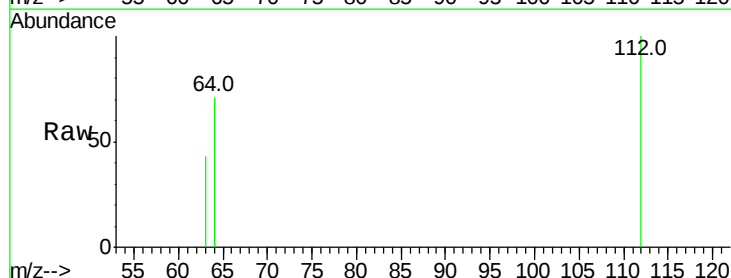
RT: 5.66 min Scan# 362

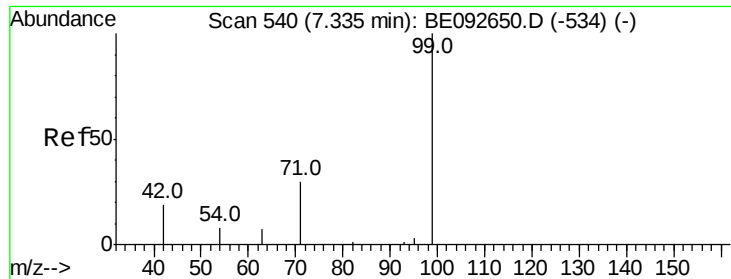
Delta R.T. 0.01 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	34.5	27.9	41.9





#5

Phenol-d6

Concen: 0.78 ng

RT: 7.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

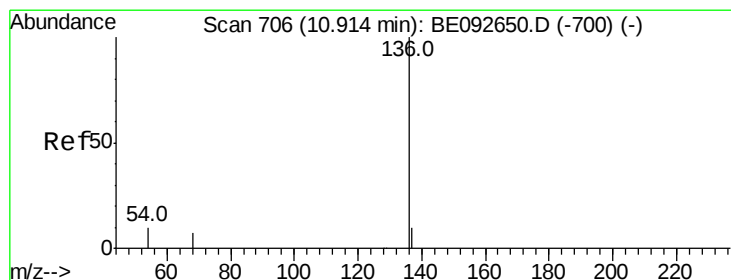
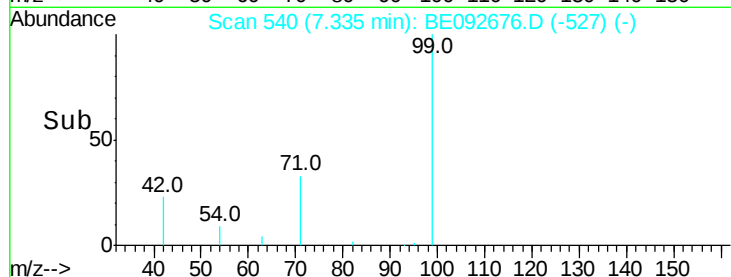
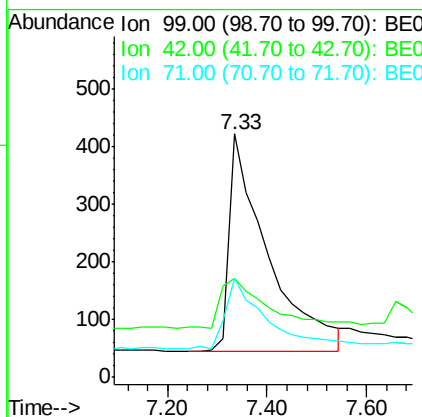
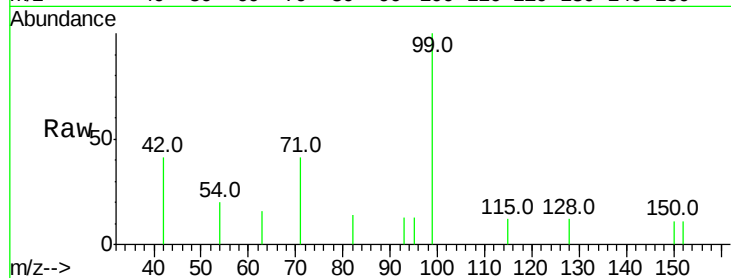
ClientSampled :

RVE-6

Tot Ion	99	Resp:	2016
Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.0	24.0#
71	34.6	30.6	45.8

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#7

Naphthalene-d8

Concen: 5.00 ng

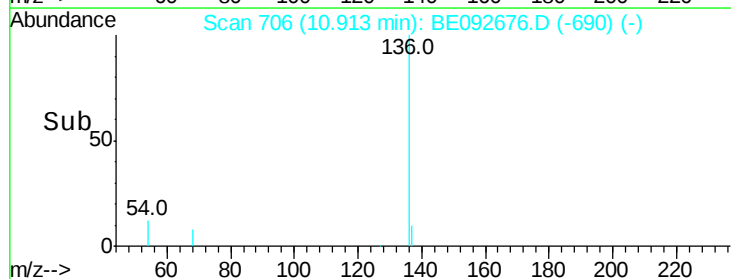
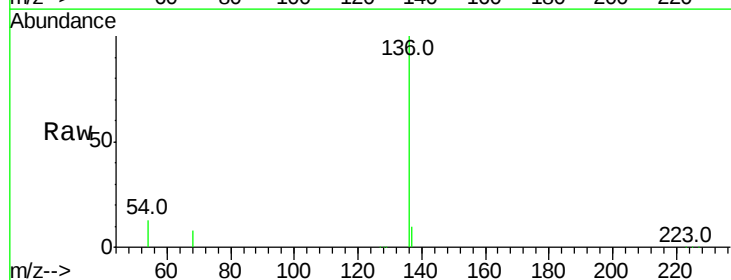
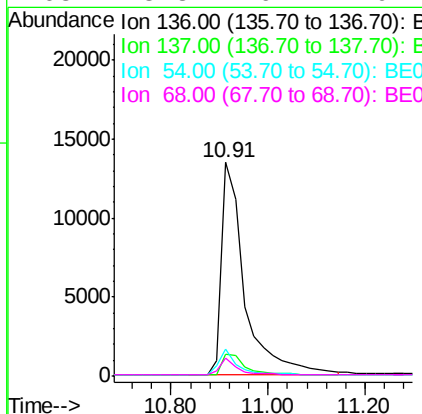
RT: 10.91 min Scan# 706

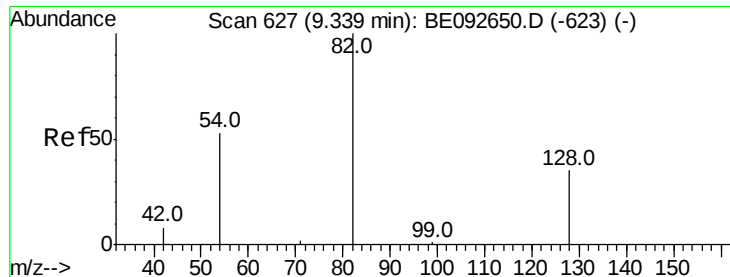
Delta R.T. -0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion	136	Resp:	44672
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	12.8	9.6	14.4
68	8.3	6.7	10.1





#8

Nitrobenzene-d5

Concen: 0.26 ng

RT: 9.41 min Scan# 630

Delta R.T. 0.07 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

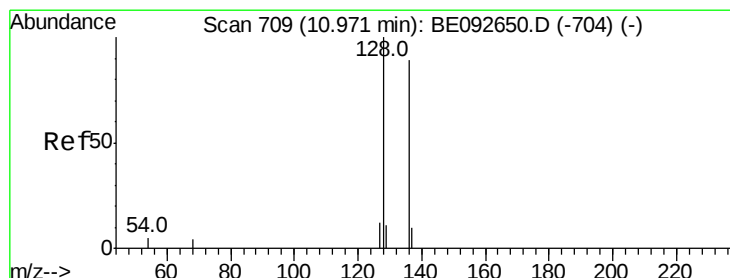
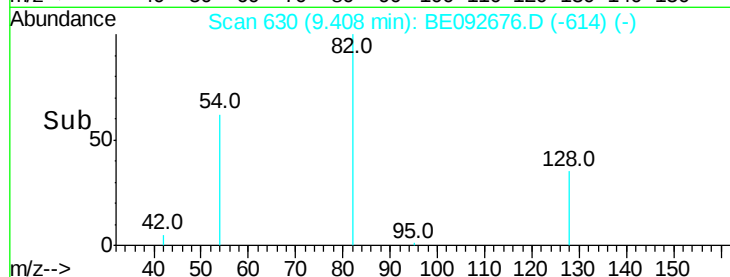
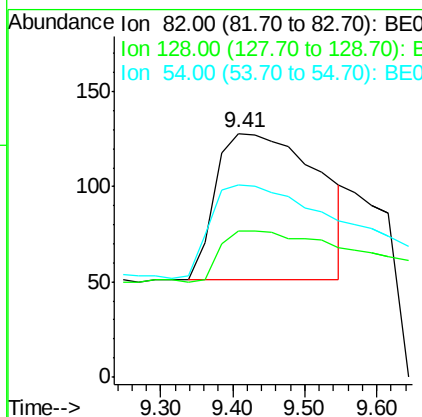
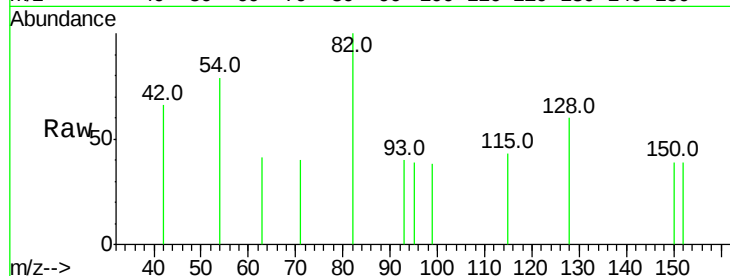
ClientSampled :

RVE-6

Tot Ion:	82	Resp:	761
Ion	Ratio	Lower	Upper
82	100		
128	60.2	39.0	58.4#
54	78.9	44.8	67.2#

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#9

Naphthalene

Concen: 0.03 ng

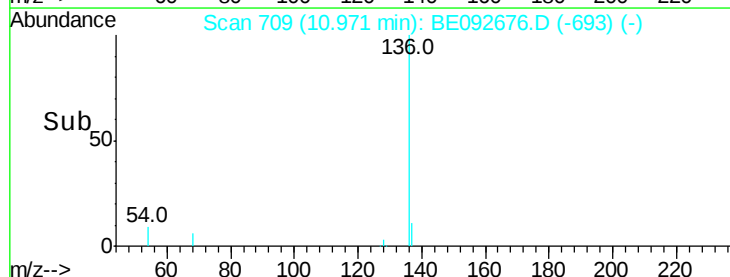
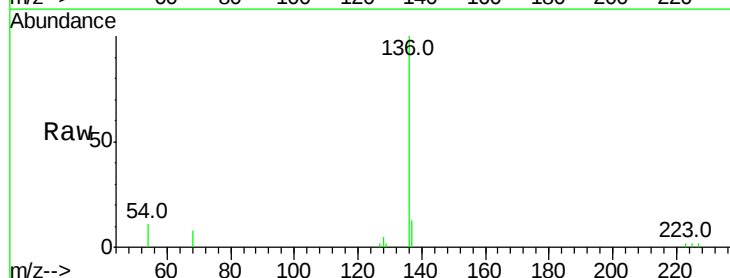
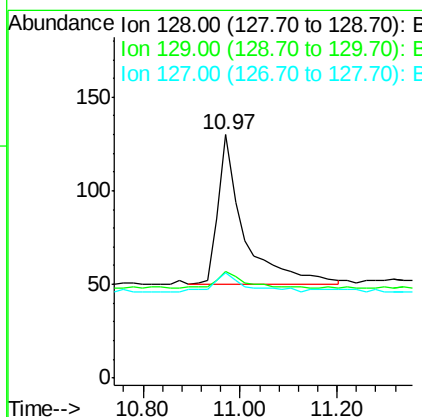
RT: 10.97 min Scan# 709

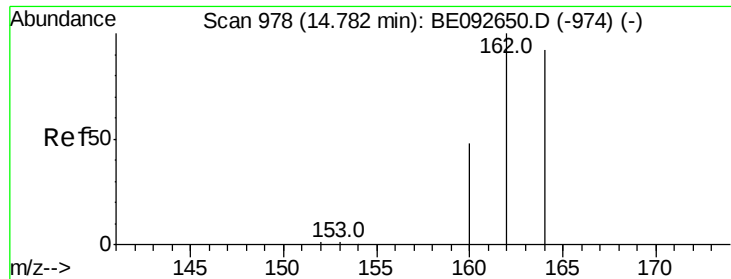
Delta R.T. -0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	128	Resp:	296
Ion	Ratio	Lower	Upper
128	100		
129	43.8	11.2	16.8#
127	43.1	11.6	17.4#





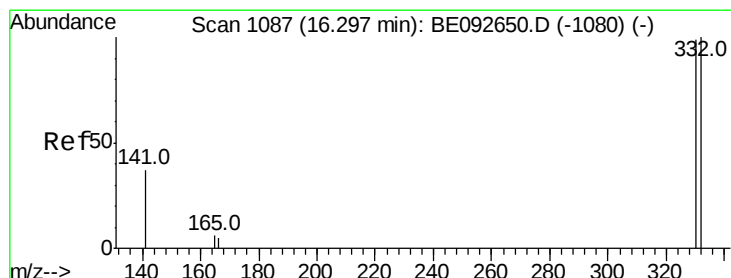
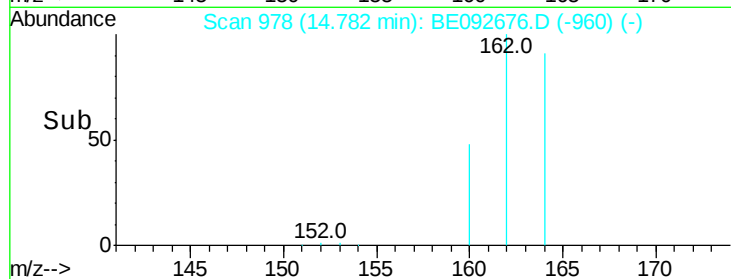
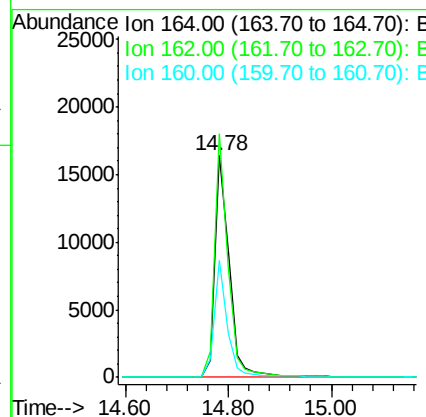
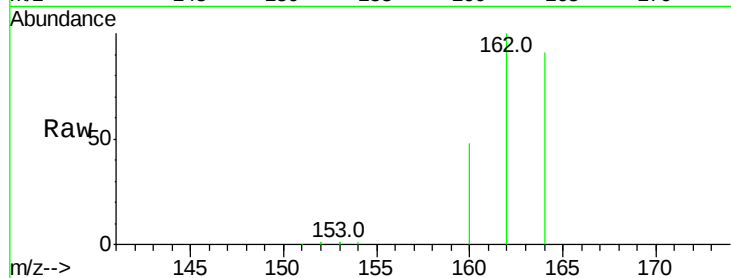
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :
RVE-6

Tot Ion:164 Resp: 31044
Ion Ratio Lower Upper
164 100
162 109.8 71.4 107.0#
160 52.8 27.4 41.2#

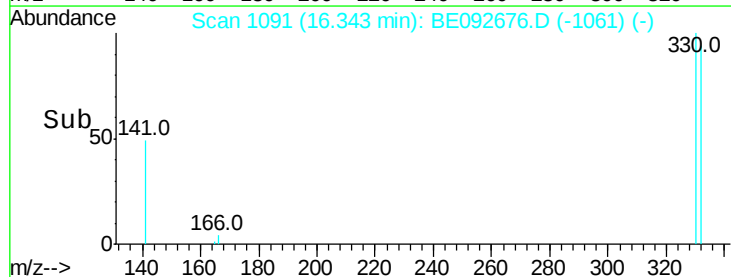
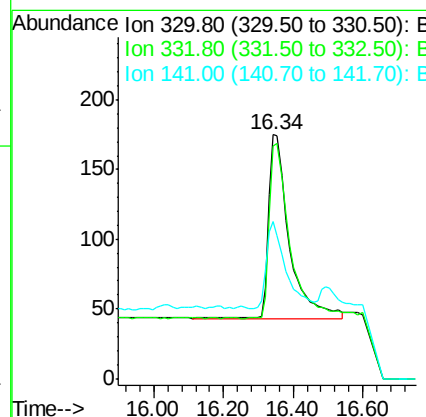
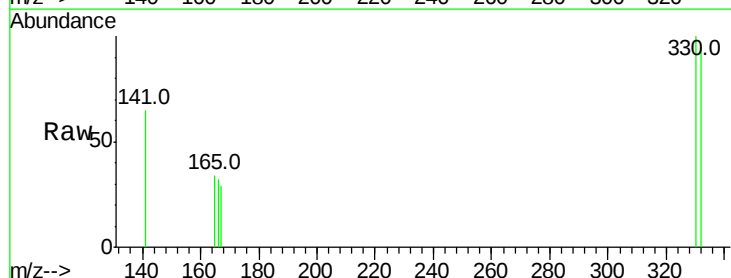
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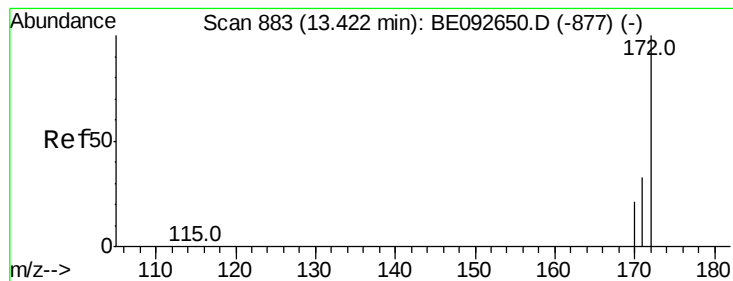
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#13
2,4,6-Tribromophenol
Concen: 0.71 ng
RT: 16.34 min Scan# 1091
Delta R.T. 0.05 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion:330 Resp: 544
Ion Ratio Lower Upper
330 100
332 94.7 75.4 113.0
141 44.1 31.0 46.6





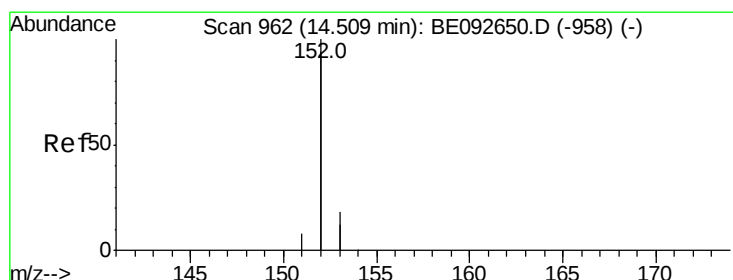
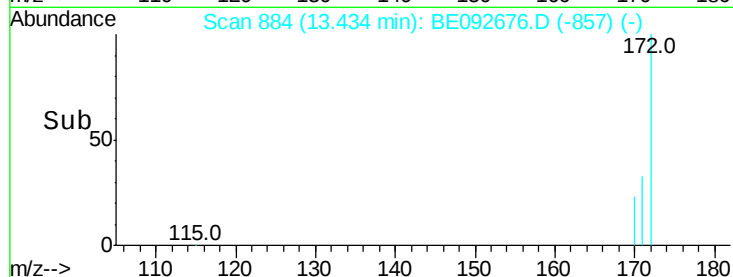
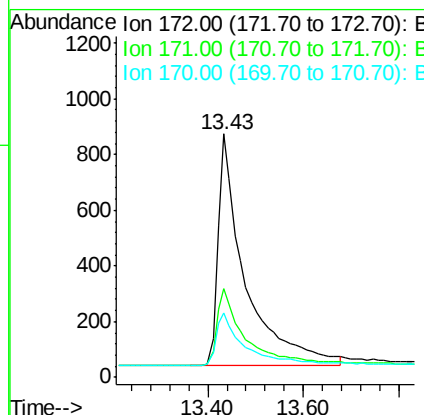
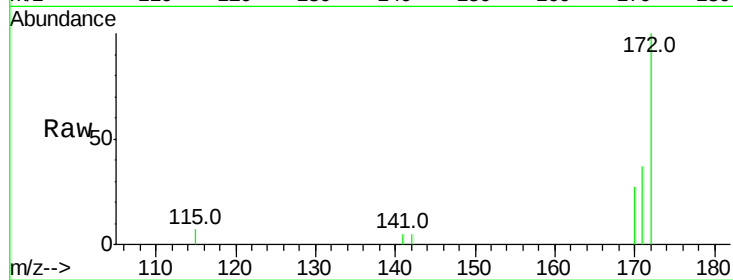
#14
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.01 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :
RVE-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	26.5	21.8	32.6

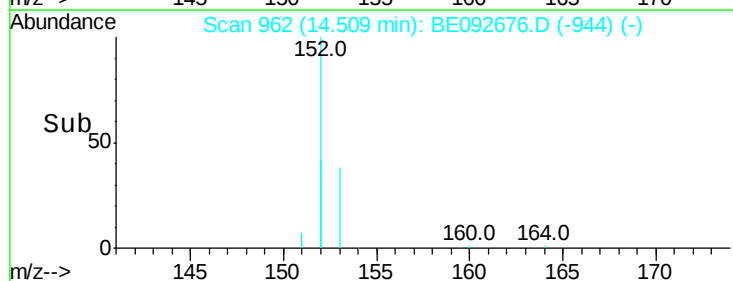
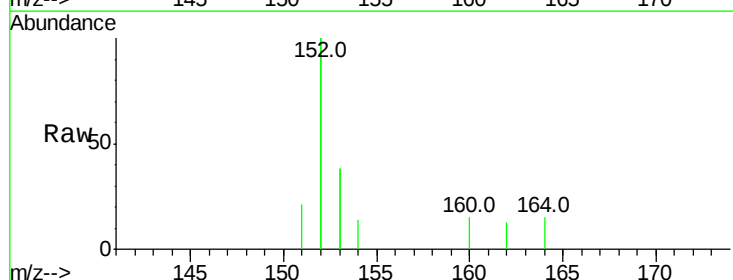
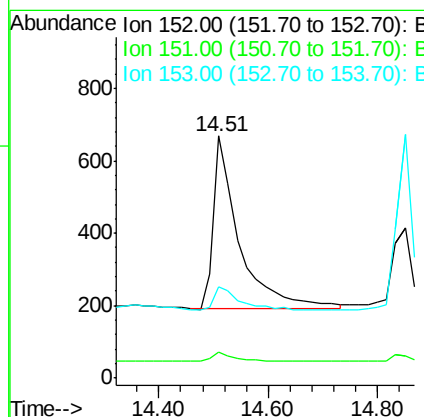
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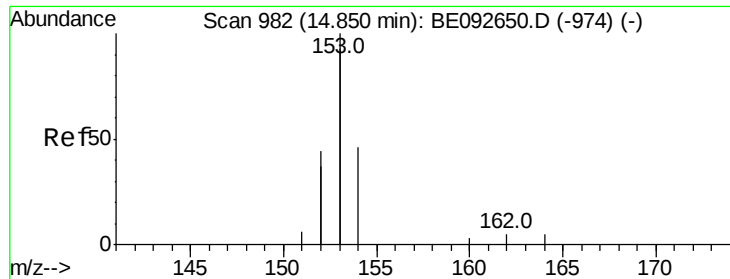
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#15
Acenaphthylene
Concen: 0.04 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.4	3.9	5.9
153	13.2	10.4	15.6





#16

Acenaphthene

Concen: 0.03 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

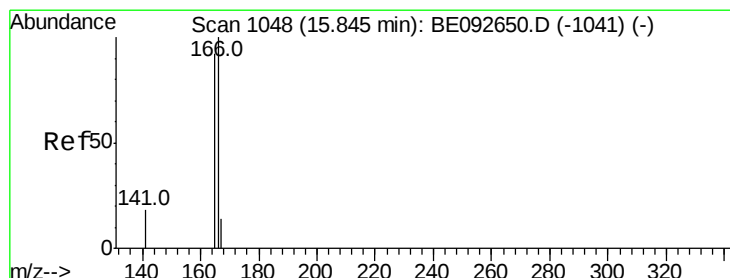
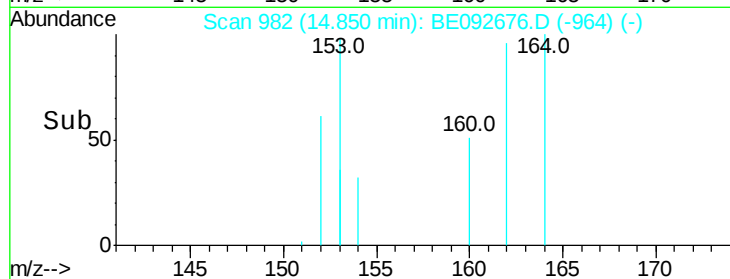
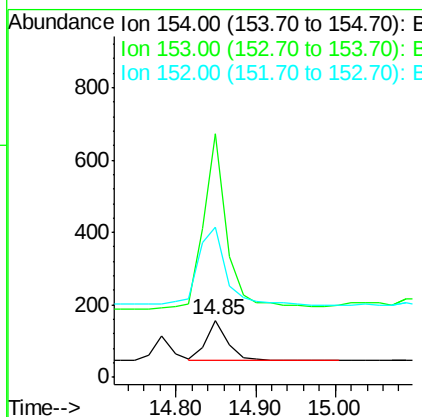
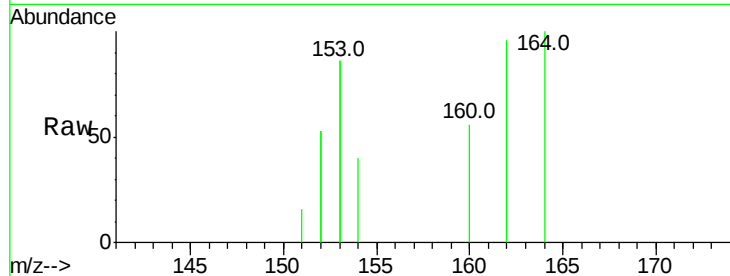
ClientSampled :

RVE-6

Tot Ion:	154	Resp:	217
Ion	Ratio	Lower	Upper
154	100		
153	462.7	350.8	526.2
152	242.9	171.1	256.7

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#17

Fluorene

Concen: 0.02 ng

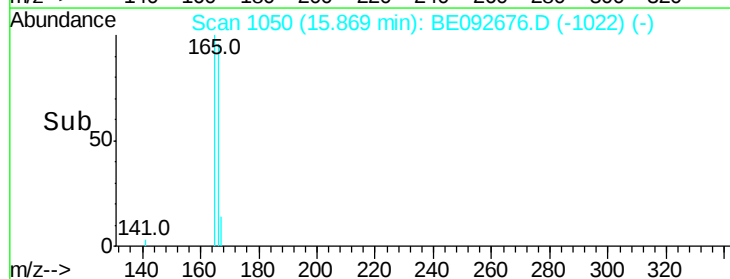
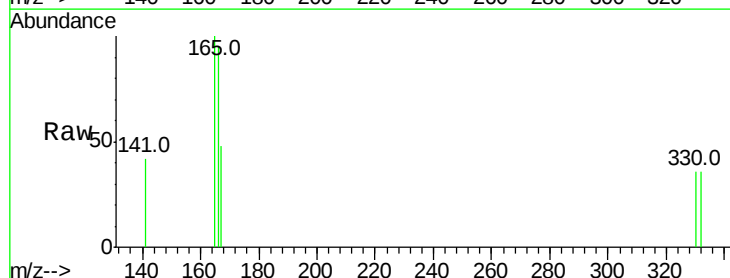
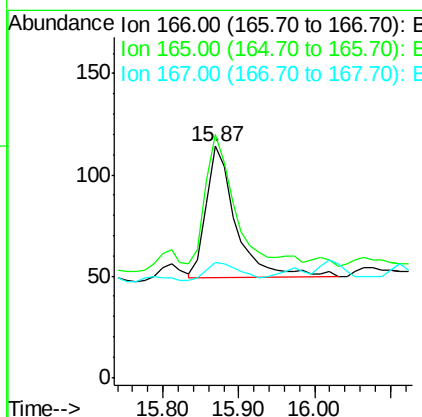
RT: 15.87 min Scan# 1050

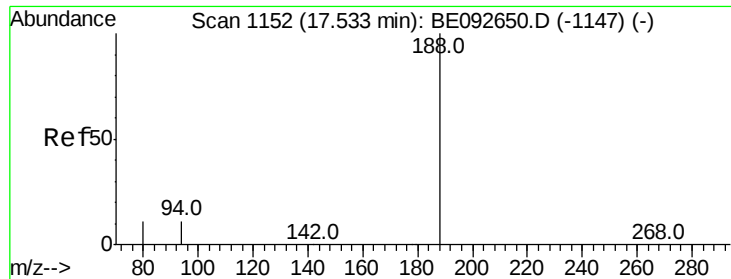
Delta R.T. 0.02 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	166	Resp:	175
Ion	Ratio	Lower	Upper
166	100		
165	93.1	78.2	117.4
167	14.9	11.0	16.4





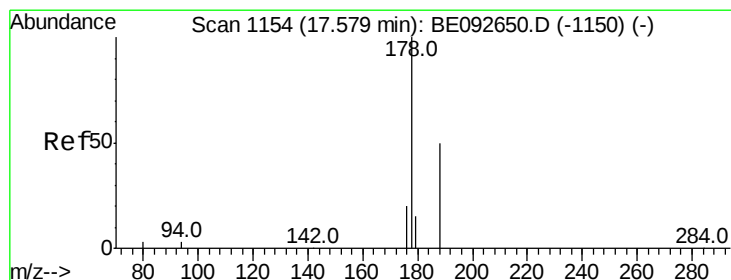
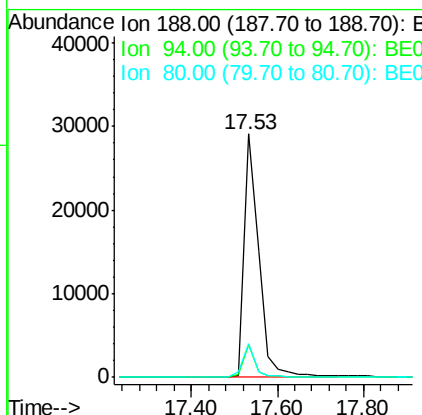
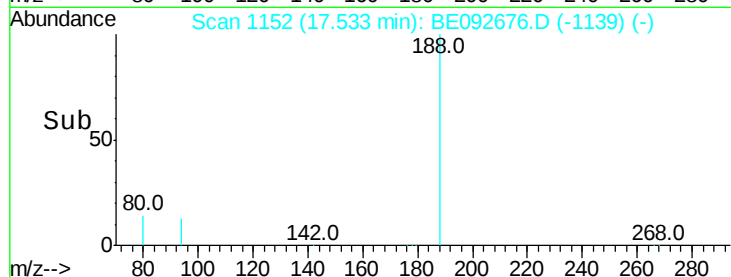
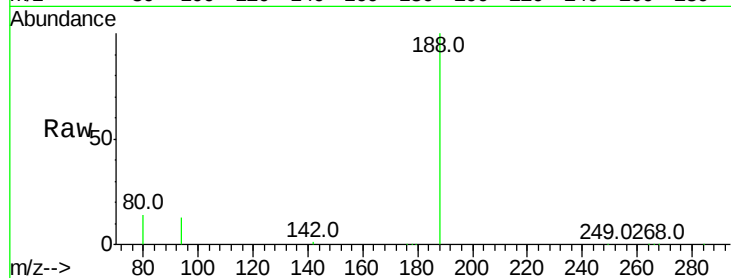
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampleId :
RVE-6

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.3	3.2	4.8#
80	13.8	2.6	3.8#

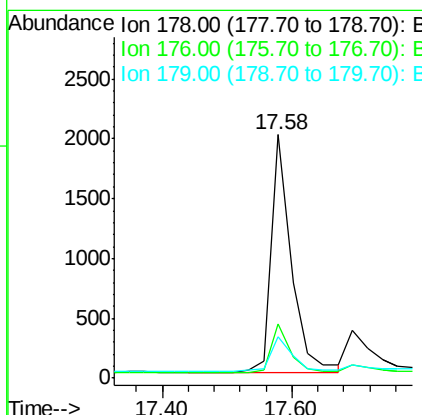
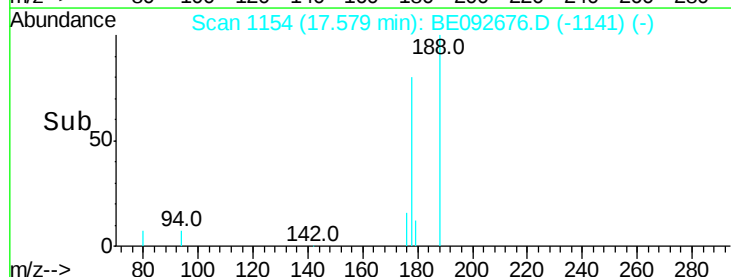
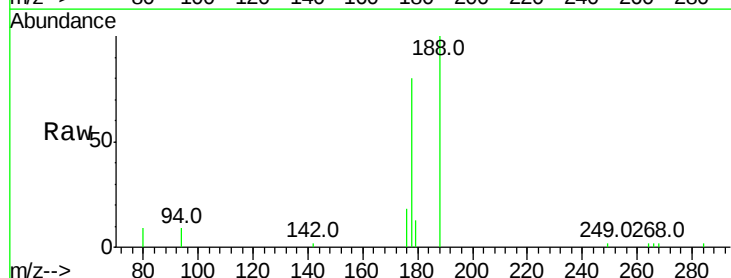
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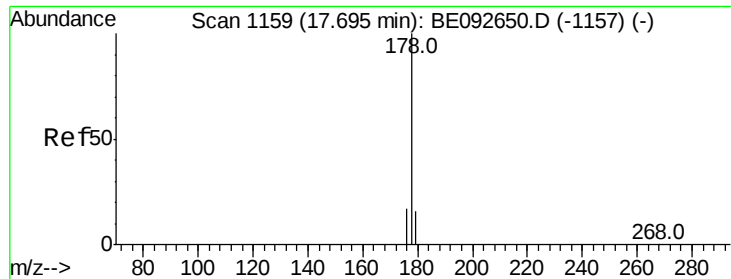
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#21
Phenanthrene
Concen: 0.29 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.3	16.0	24.0





#22

Anthracene

Concen: 0.07 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

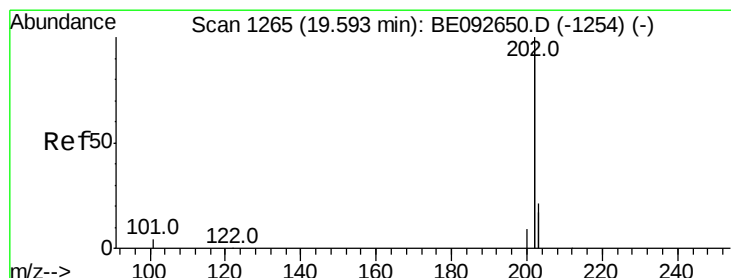
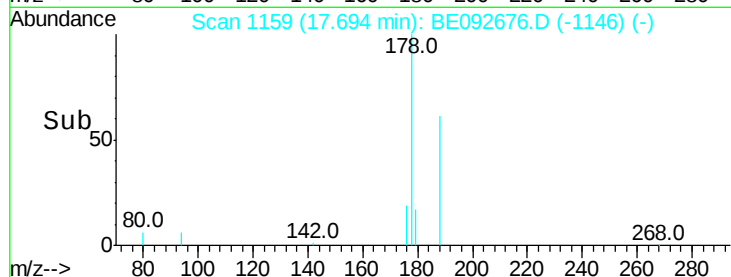
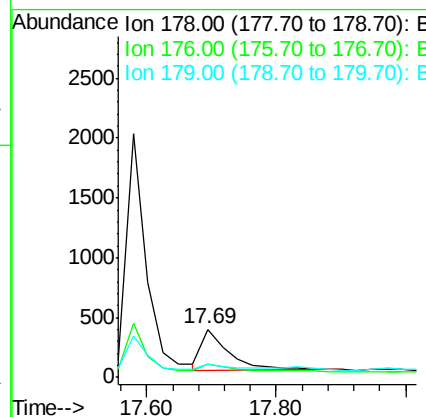
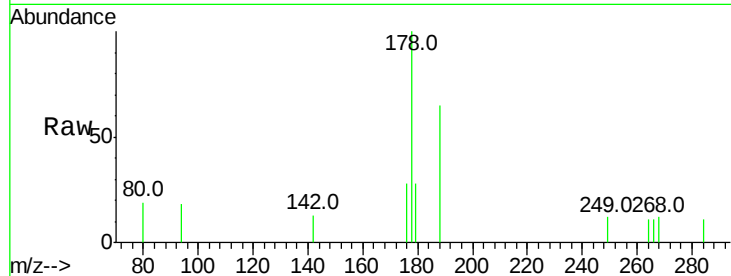
ClientSampled :

RVE-6

Tot Ion:	178	Resp:	1042
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.4
179	15.0	12.2	18.2

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#23

Fluoranthene

Concen: 0.52 ng

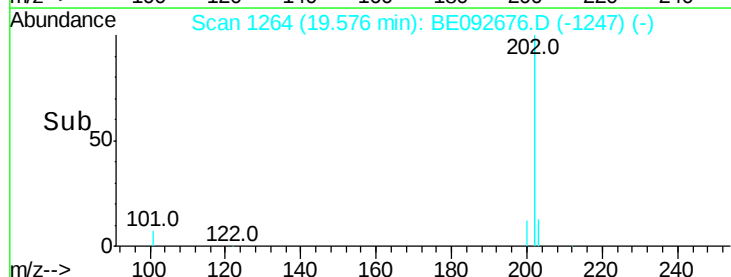
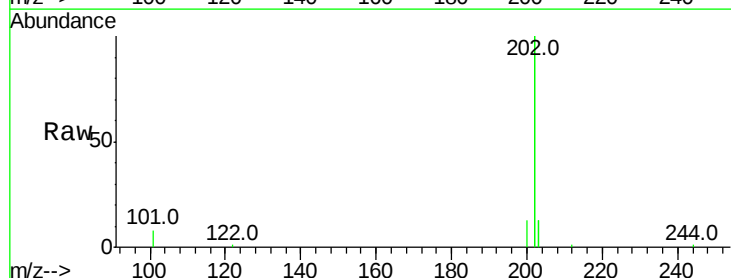
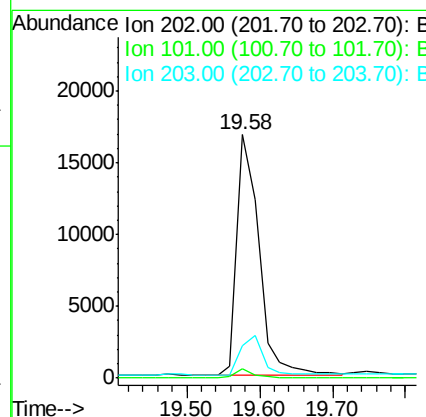
RT: 19.58 min Scan# 1264

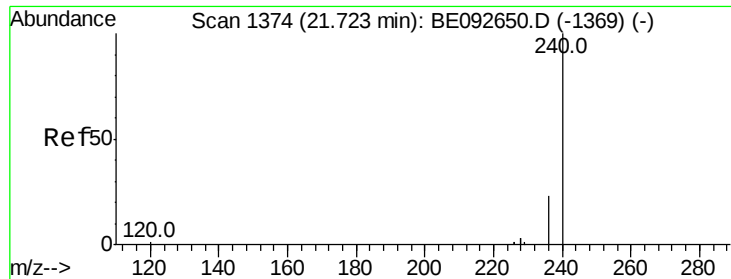
Delta R.T. -0.02 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	202	Resp:	34795
Ion Ratio	Lower	Upper	
202	100		
101	2.9	2.2	3.4
203	17.1	13.7	20.5





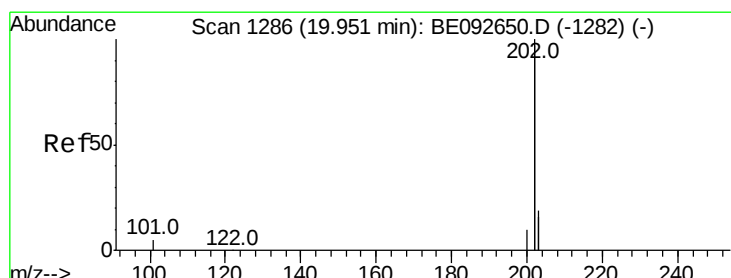
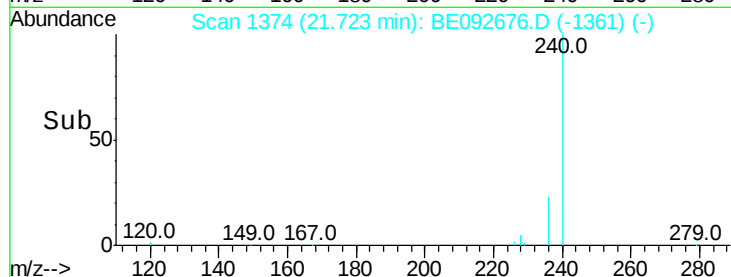
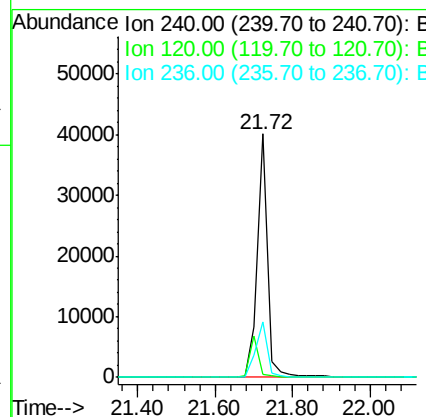
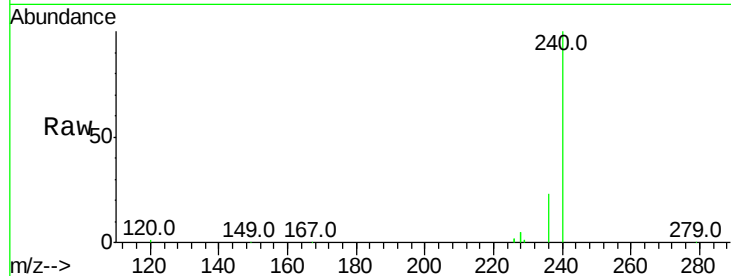
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampled :
RVE-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	22.7	24.6	37.0#

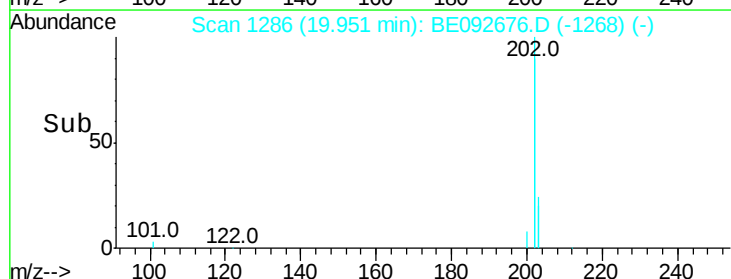
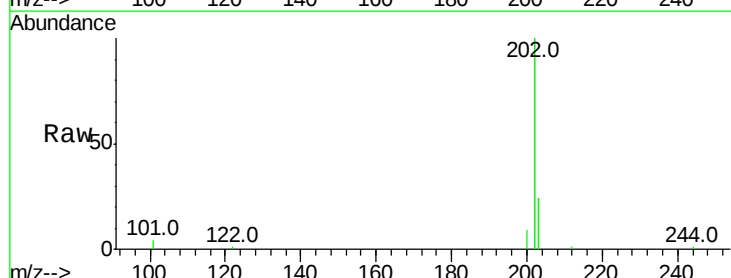
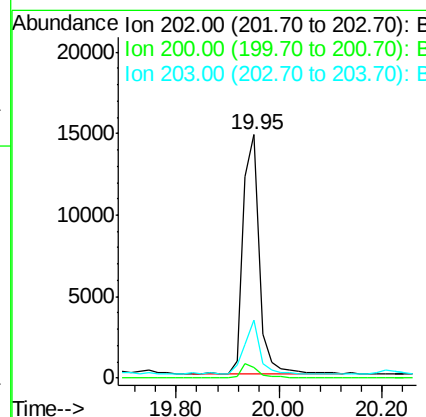
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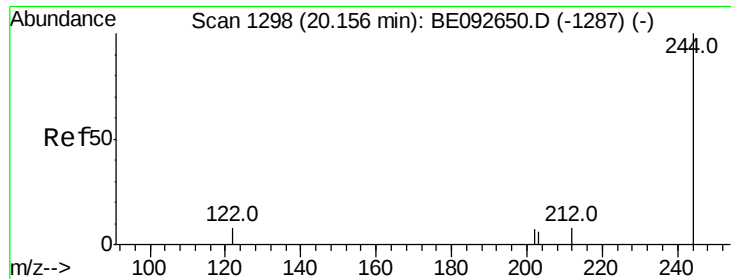
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#25
Pyrene
Concen: 0.45 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	22.0	13.9	20.9#





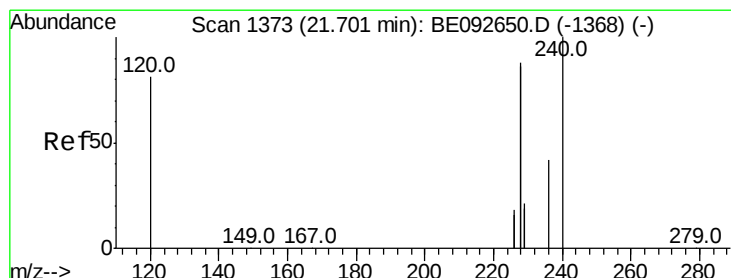
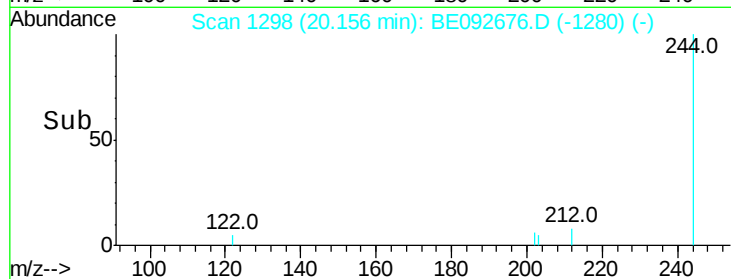
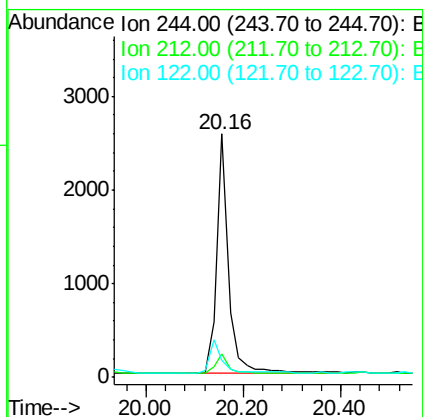
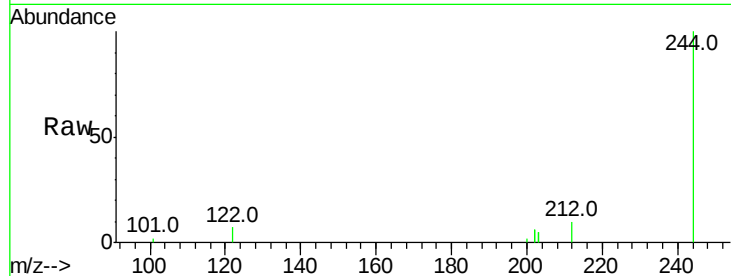
#26
 Terphenyl-d14
 Concen: 0.42 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092676.D
 Acq: 24 Jan 2017 21:39

Instrument :
 BNA_E
 ClientSampleId :
 RVE-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	6.8	3.6	5.4

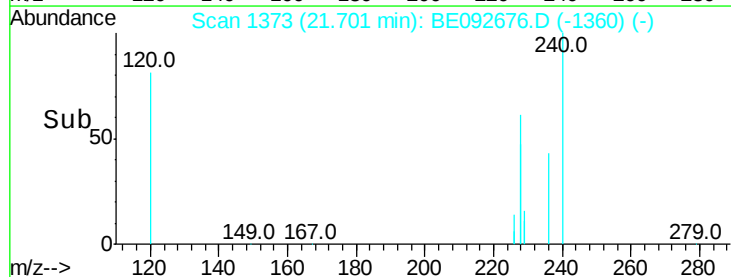
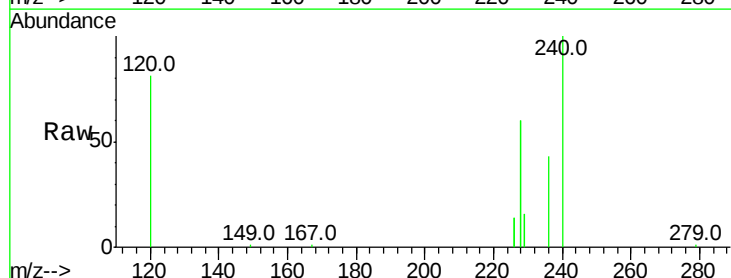
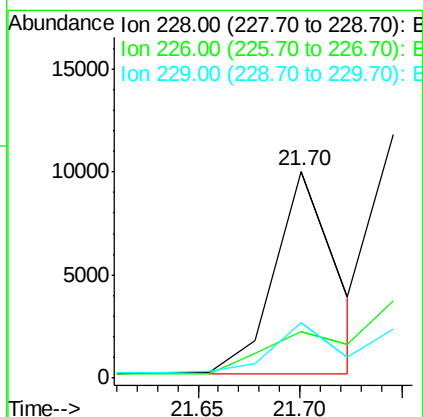
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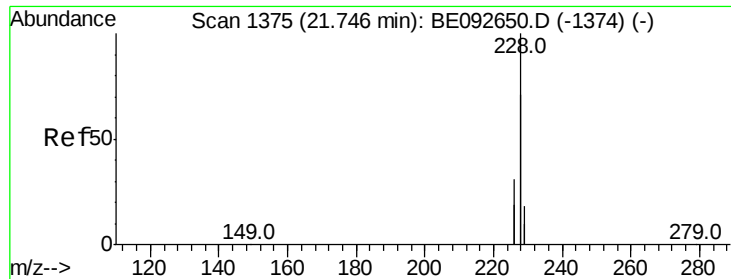
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#27
 Benzo(a)anthracene
 Concen: 0.29 ng m
 RT: 21.70 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BE092676.D
 Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.7	23.6	35.4
229	27.0	13.3	19.9





#28

Chrysene

Concen: 0.25 ng/mL

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

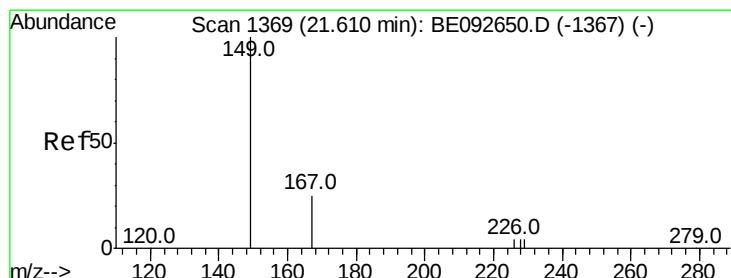
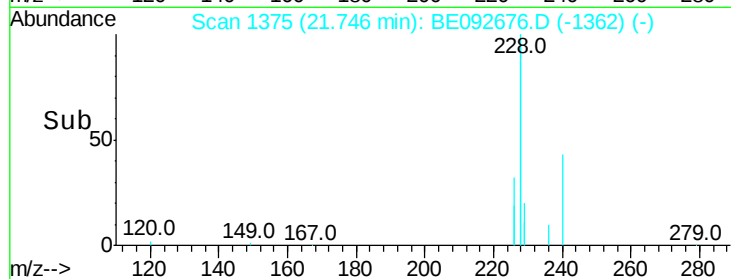
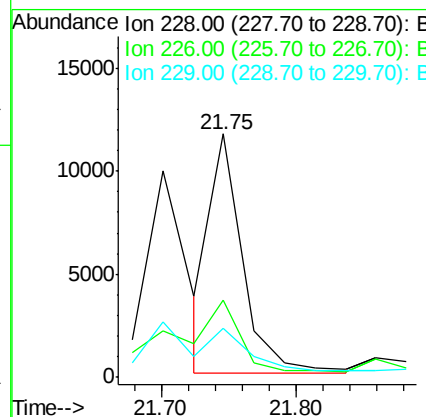
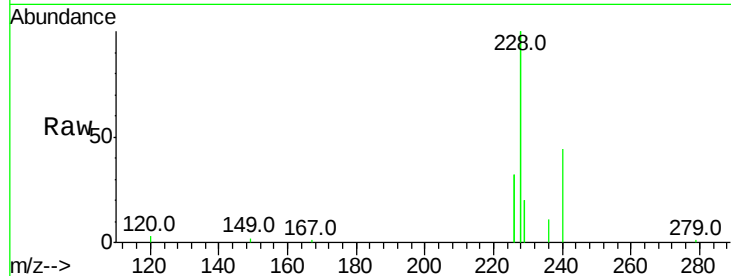
ClientSampleId :

RVE-6

Tot Ion:	228	Resp:	19863
Ion Ratio	Lower	Upper	
228	100		
226	31.6	36.3	54.5#
229	20.0	10.6	16.0#

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#29

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng/mL

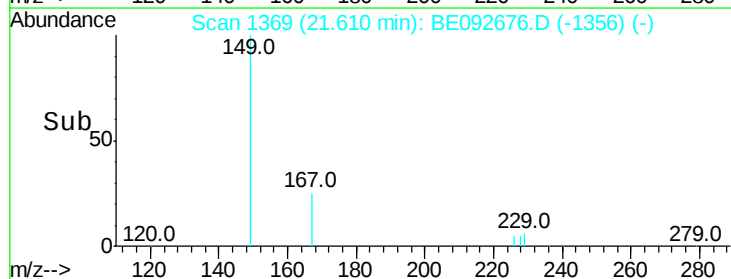
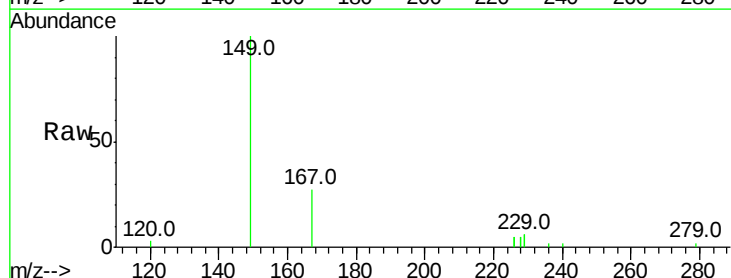
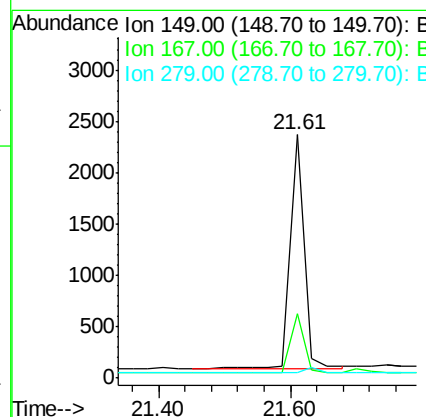
RT: 21.61 min Scan# 1369

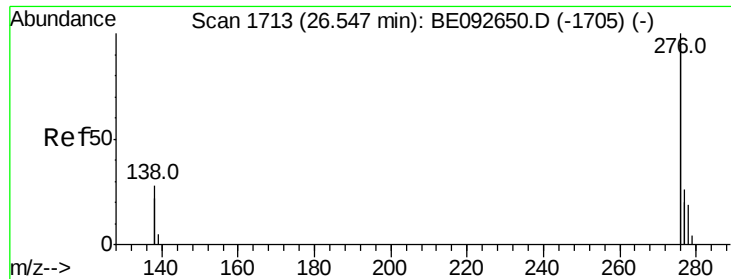
Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	149	Resp:	3357
Ion Ratio	Lower	Upper	
149	100		
167	24.7	16.0	24.0#
279	0.0	16.0	24.0#





#30

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng

RT: 26.55 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

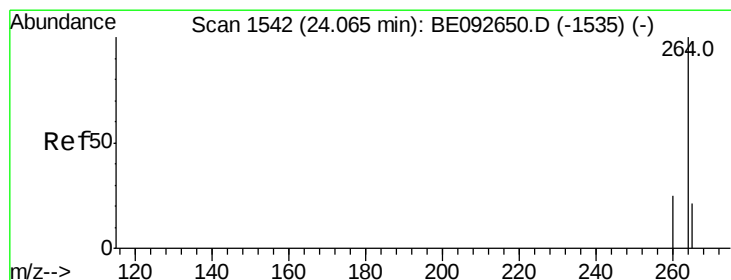
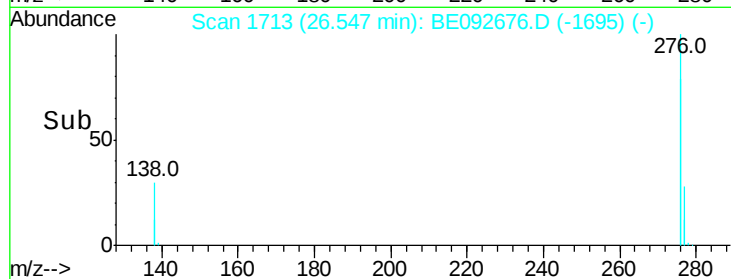
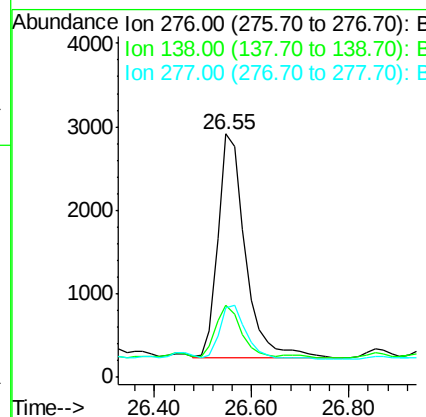
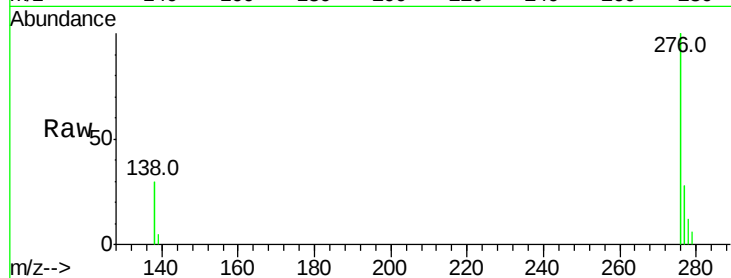
ClientSampleId :

RVE-6

Tot Ion:	276	Resp:	10336
Ion Ratio	Lower	Upper	
276	100		
138	21.4	20.3	30.5
277	23.2	19.7	29.5

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#31

Perylene-d12

Concen: 5.00 ng

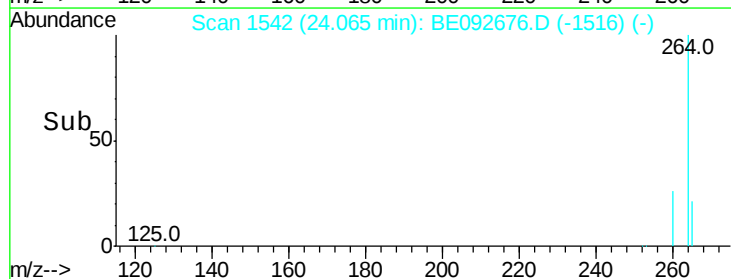
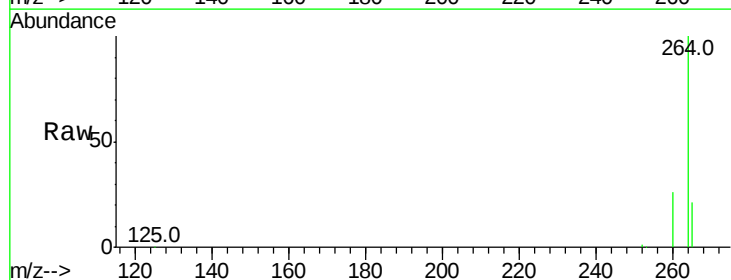
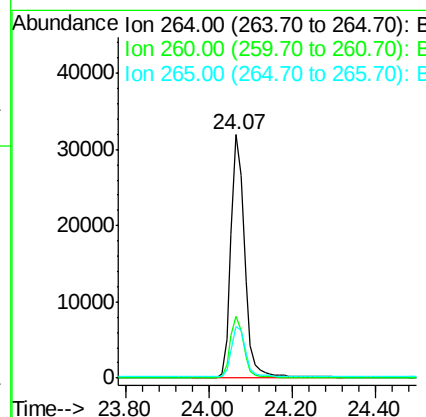
RT: 24.07 min Scan# 1542

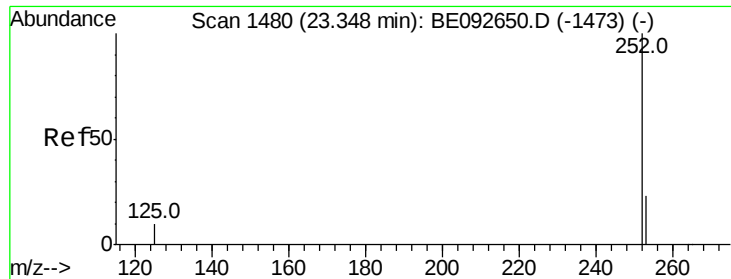
Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	264	Resp:	73654
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.1	30.1
265	21.5	17.9	26.9





#32

Benzo(b)fluoranthene

Concen: 0.37 ng m

RT: 23.35 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

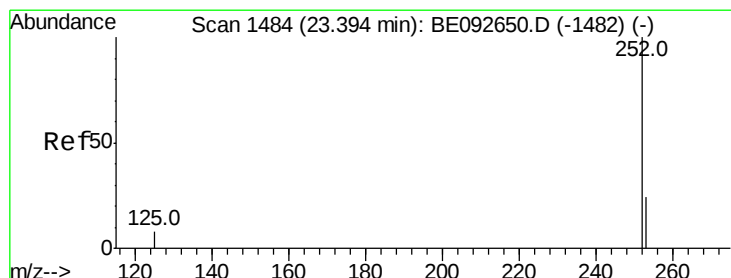
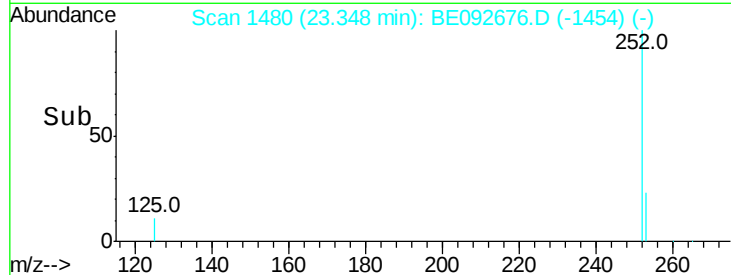
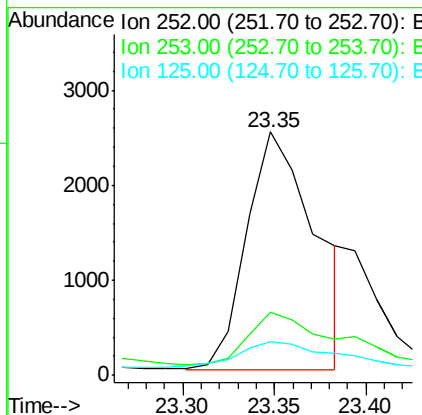
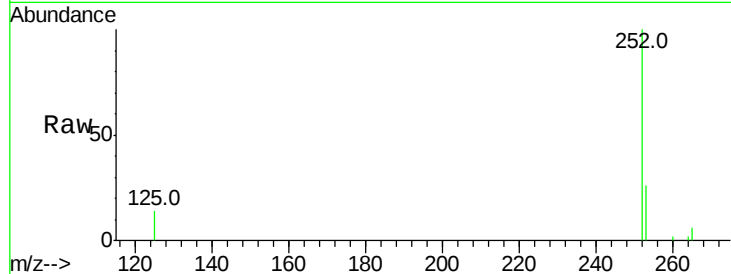
ClientSampleId :

RVE-6

Tot Ion:	252	Resp:	6536
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.7	28.1
125	14.0	10.5	15.7

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#33

Benzo(k)fluoranthene

Concen: 0.11 ng m

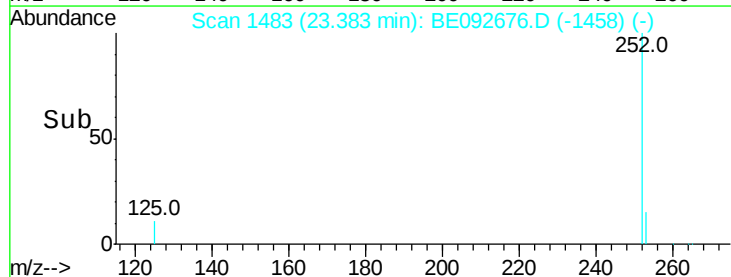
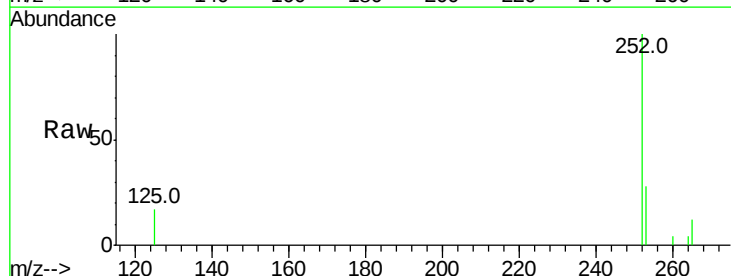
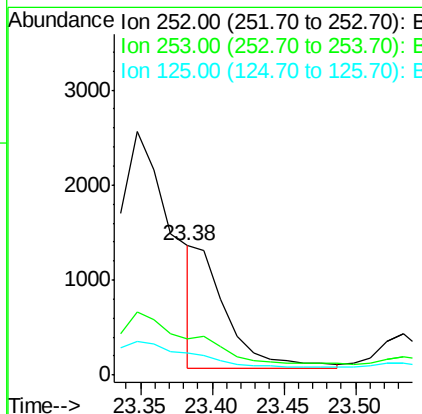
RT: 23.38 min Scan# 1483

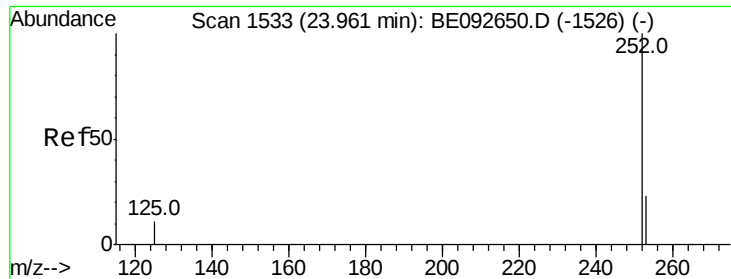
Delta R.T. -0.01 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Tgt Ion:	252	Resp:	1962
Ion Ratio	Lower	Upper	
252	100		
253	28.0	20.3	30.5
125	16.7	9.6	14.4#





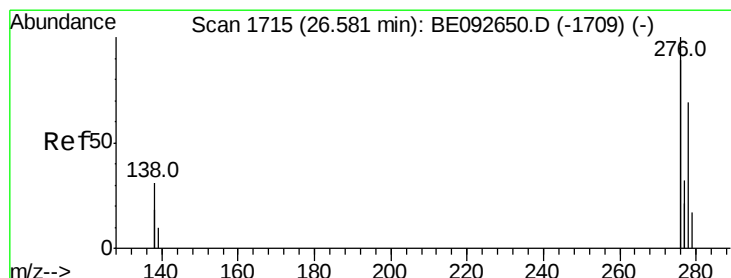
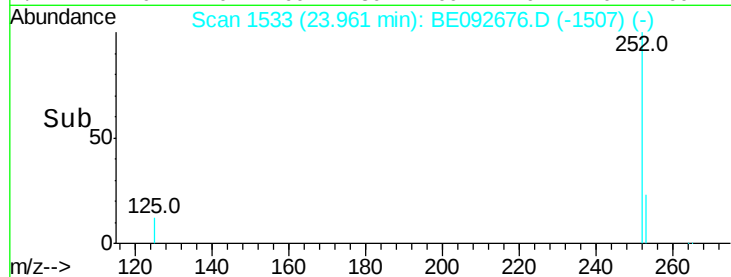
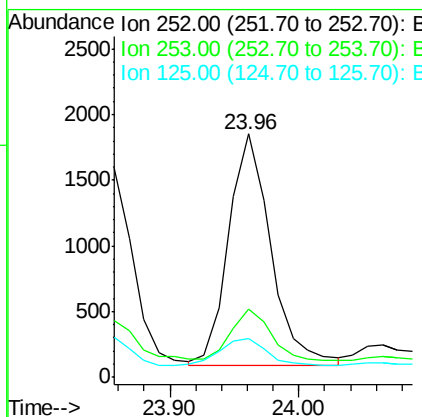
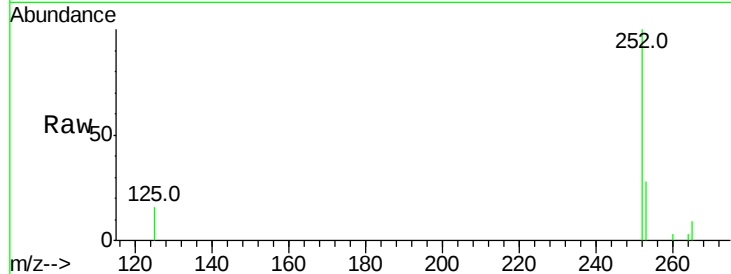
#34
Benzo(a)pyrene
Concen: 0.24 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Instrument :
BNA_E
ClientSampled :
RVE-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.0	28.6
125	15.7	11.8	17.8

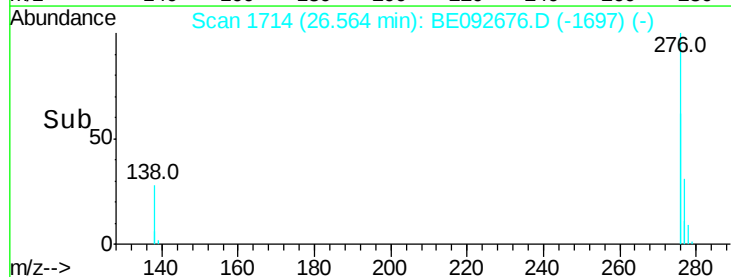
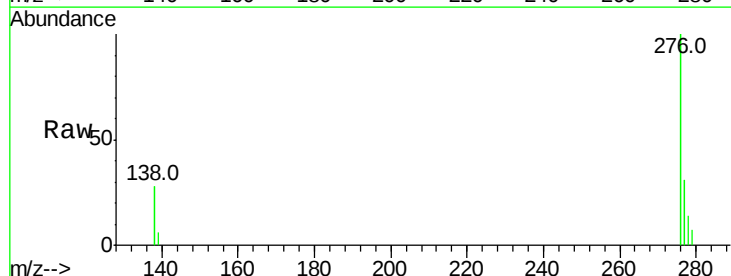
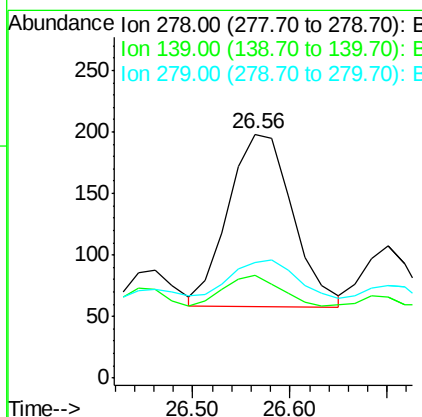
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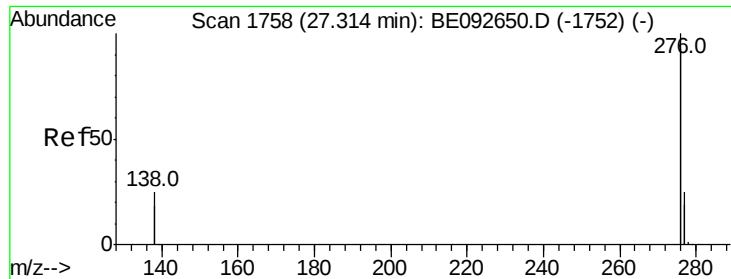
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#35
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092676.D
Acq: 24 Jan 2017 21:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.4	13.8	20.8#
279	47.5	21.4	32.2#





#36

Benzo(a,h,i)perylene

Concen: 0.16 ng

RT: 27.31 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE092676.D

Acq: 24 Jan 2017 21:39

Instrument :

BNA_E

ClientSampleId :

RVE-6

Tot Ion:	276	Resp:	10802
Ion Ratio	Lower	Upper	
276	100		
277	28.5	19.8	29.8
138	29.1	19.8	29.6

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