

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
 Data File : BE092722.D
 Acq On : 10 Feb 2017 15:29
 Operator : SJ/MA
 Sample : I1744-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170206

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Quant Time: Feb 10 16:14:28 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	8.12	152	10218	5.00	ng	-0.02
7) Naphthalene-d8	10.89	136	43421	5.00	ng	-0.02
12) Acenaphthene-d10	14.77	164	27400	5.00	ng	-0.02
18) Phenanthrene-d10	17.53	188	52866	5.00	ng	0.00
24) Chrysene-d12	21.70	240	80270	5.00	ng	-0.02
31) Perylene-d12	24.04	264	72275	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	8823	3.87	ng	-0.03
5) Phenol-d6	7.29	99	6283	2.25	ng	-0.05
8) Nitrobenzene-d5	9.29	82	15322	5.44	ng	-0.05
13) 2,4,6-Tribromophenol	16.26	330	8353	10.29	ng	-0.04
14) 2-Fluorobiphenyl	13.39	172	37102	5.51	ng	-0.03
26) Terphenyl-d14	20.14	244	51091	4.50	ng	-0.02
Target Compounds						Qvalue
21) Phenanthrene	17.56	178	524m	0.04	ng	
22) Anthracene	17.67	178	771	0.07	ng	# 93
23) Fluoranthene	19.56	202	3971	0.08	ng	98
25) Pyrene	19.93	202	3740	0.05	ng	97
27) Benzo(a)anthracene	21.68	228	2858m	0.04	ng	
28) Chrysene	21.72	228	3415m	0.04	ng	
29) Bis(2-ethylhexyl)phthalate	21.59	149	2219	0.34	ng	# 56

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

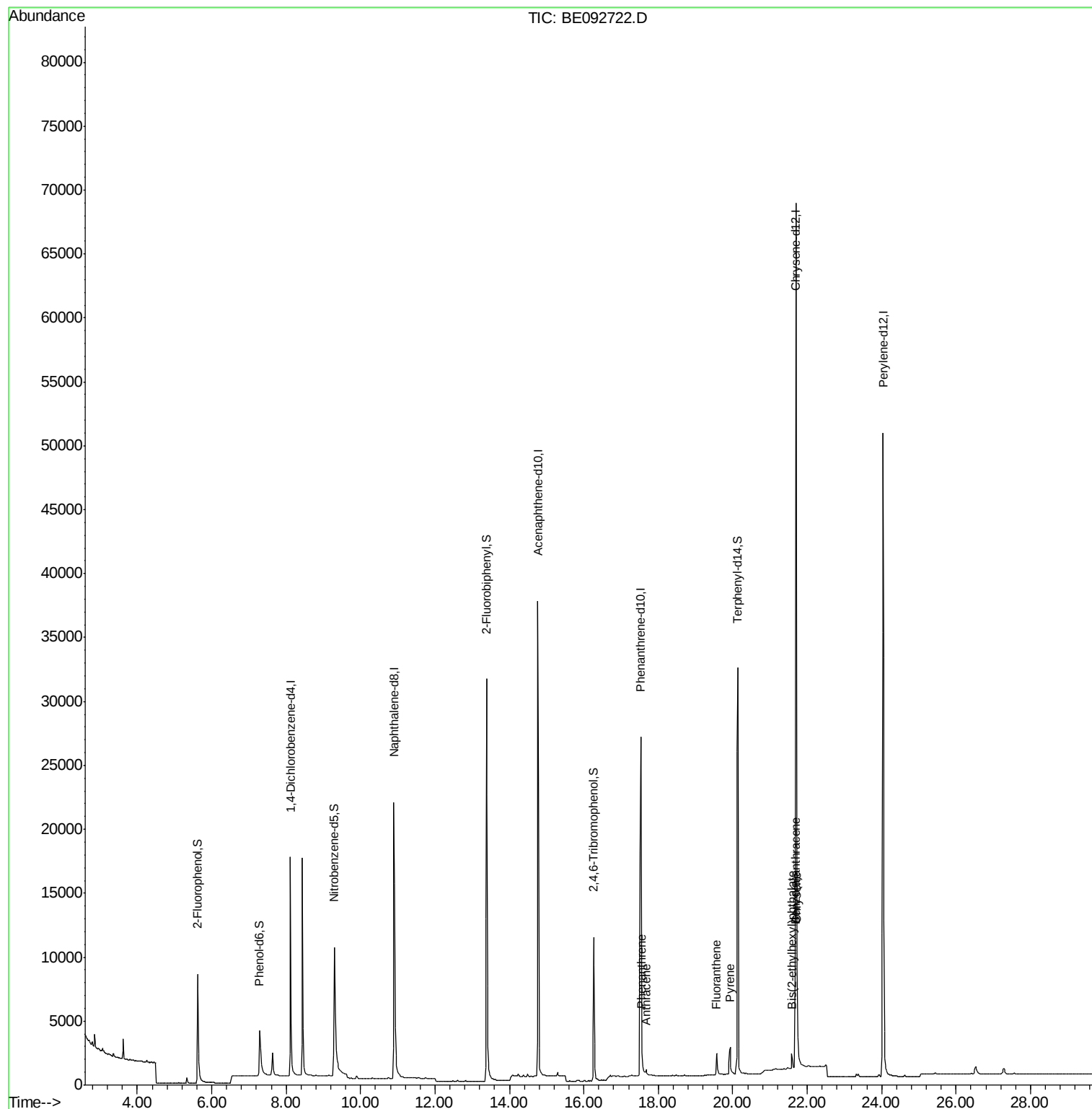
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
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ALS Vial : 6 Sample Multiplier: 1

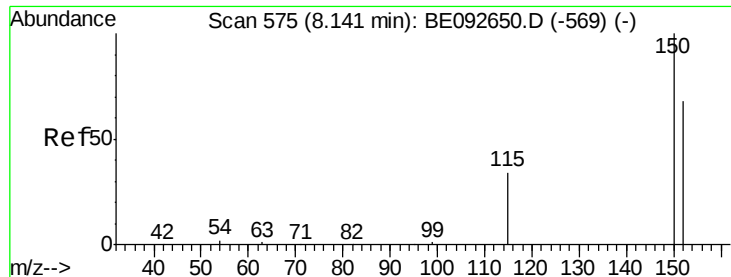
Instrument :
BNA_E
ClientSampleId :
KY038PS027-170206

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Quant Time: Feb 10 16:14:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

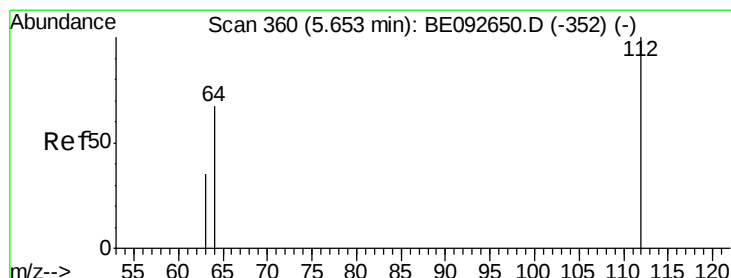
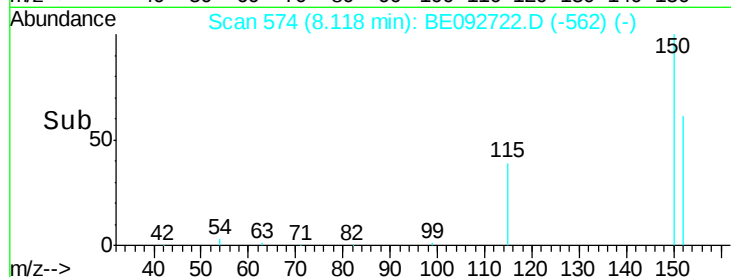
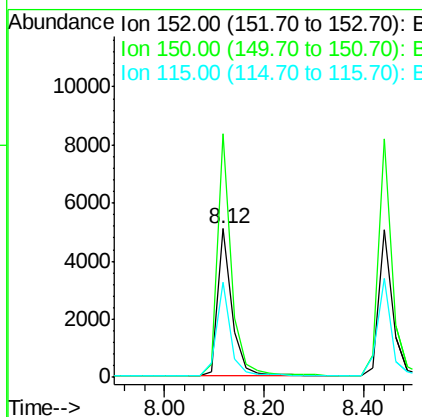
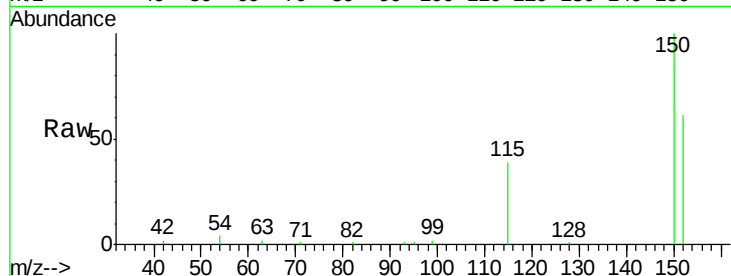
ClientSampleId :

KY038PS027-170206

Tgt Ion:	152	Resp:	10218
Ion Ratio	Lower	Upper	
152	100		
150	163.9	106.0	159.0#
115	64.1	31.2	46.8#

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#4

2-Fluorophenol

Concen: 3.87 ng

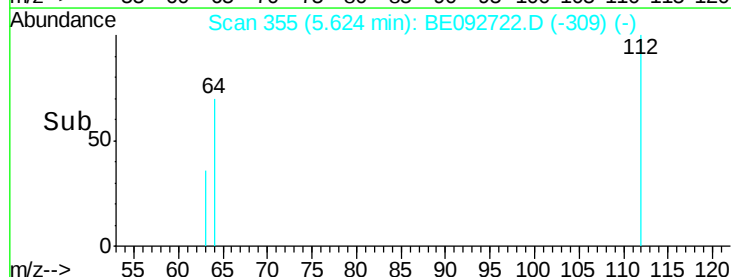
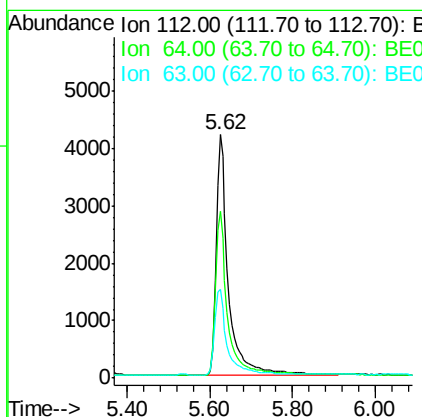
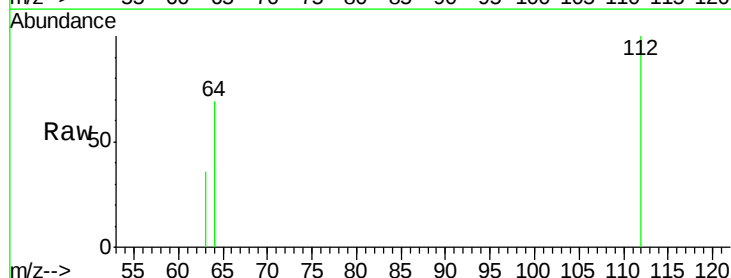
RT: 5.62 min Scan# 355

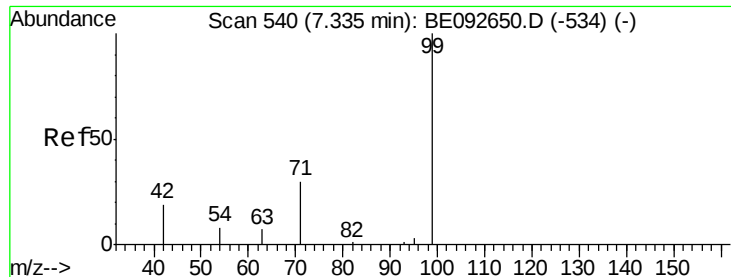
Delta R.T. -0.03 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:	112	Resp:	8823
Ion Ratio	Lower	Upper	
112	100		
64	68.1	53.5	80.3
63	36.6	27.9	41.9





#5

Phenol-d6

Concen: 2.25 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.05 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

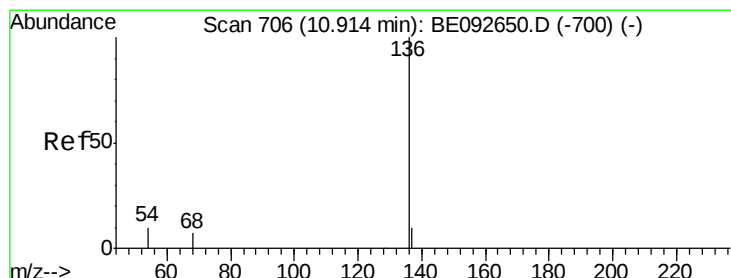
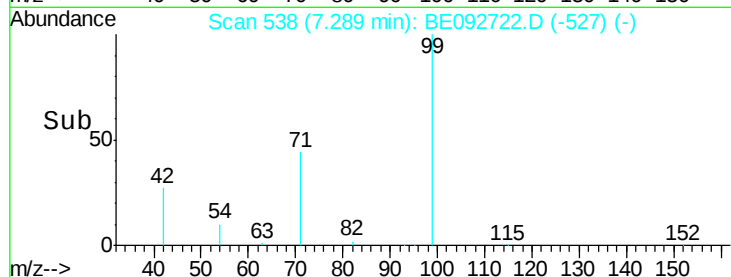
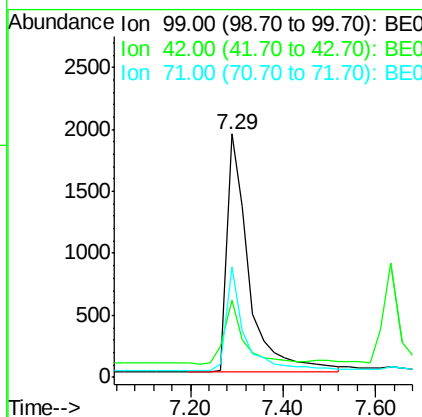
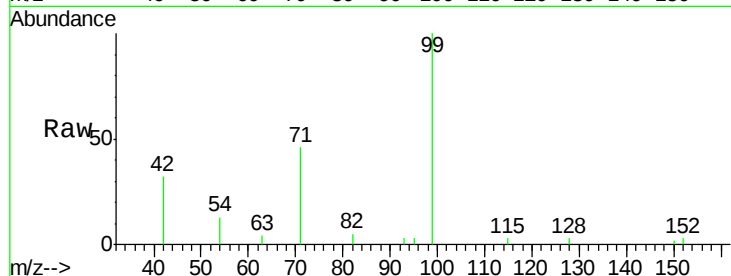
ClientSampleId :

KY038PS027-170206

Tgt Ion:	99	Resp:	6283
Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.0	24.0
71	36.2	30.6	45.8

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#7

Naphthalene-d8

Concen: 5.00 ng

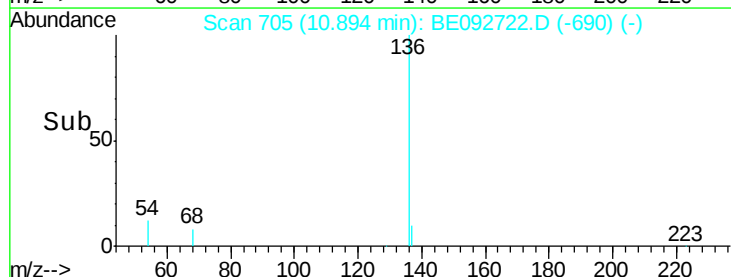
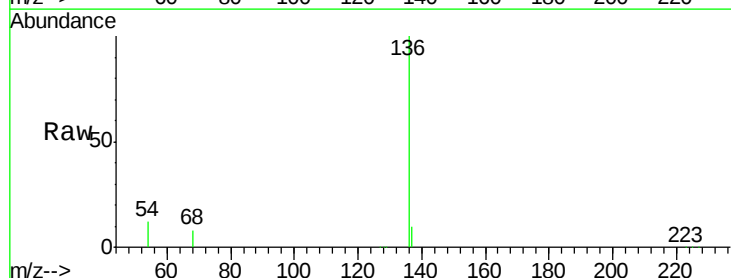
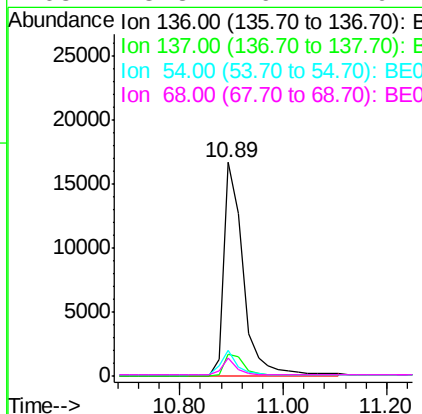
RT: 10.89 min Scan# 705

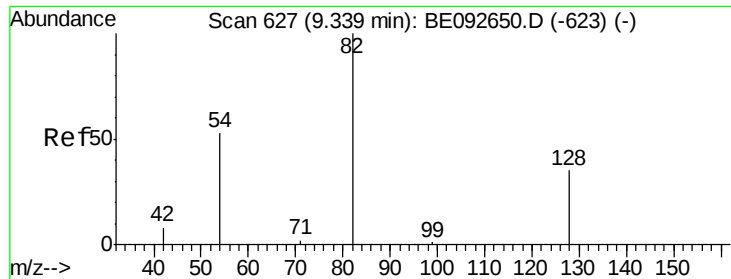
Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:	136	Resp:	43421
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	12.1	9.6	14.4
68	8.3	6.7	10.1





#8

Nitrobenzene-d5

Concen: 5.44 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.05 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

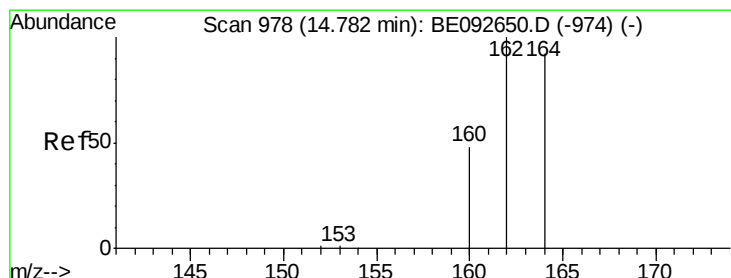
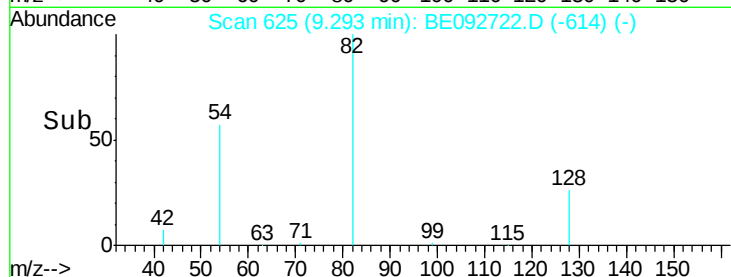
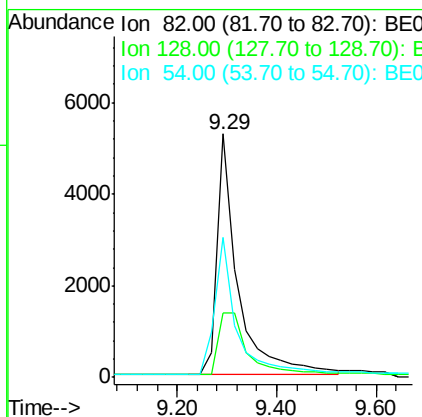
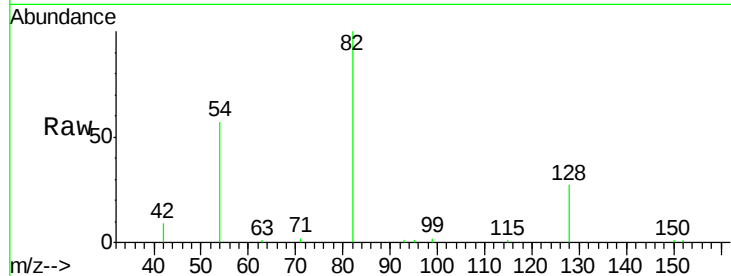
ClientSampleId :

KY038PS027-170206

Tgt Ion:	82	Resp:	15322
Ion Ratio	Lower	Upper	
82	100		
128	26.5	39.0	58.4#
54	57.2	44.8	67.2

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#12

Acenaphthene-d10

Concen: 5.00 ng

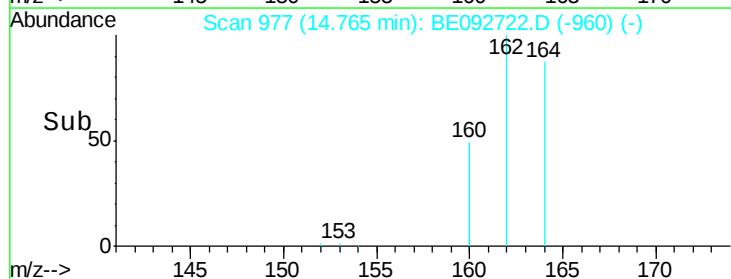
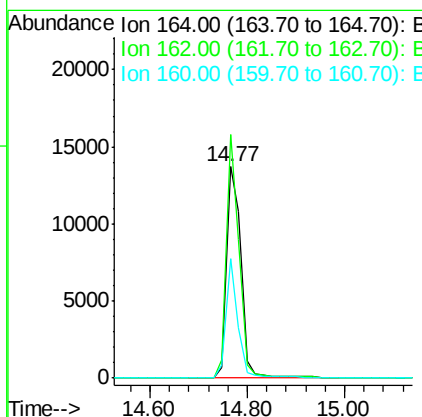
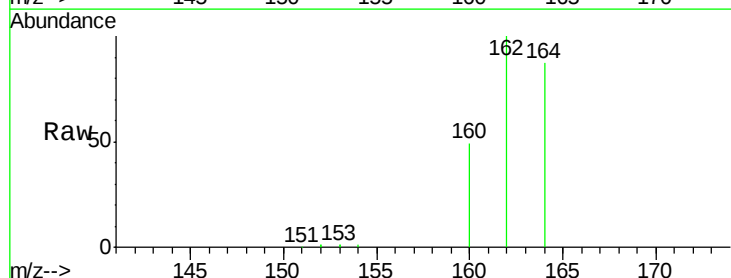
RT: 14.77 min Scan# 977

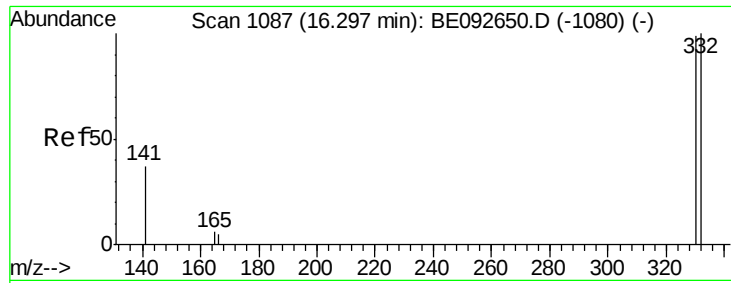
Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:	164	Resp:	27400
Ion Ratio	Lower	Upper	
164	100		
162	115.4	71.4	107.0#
160	56.8	27.4	41.2#





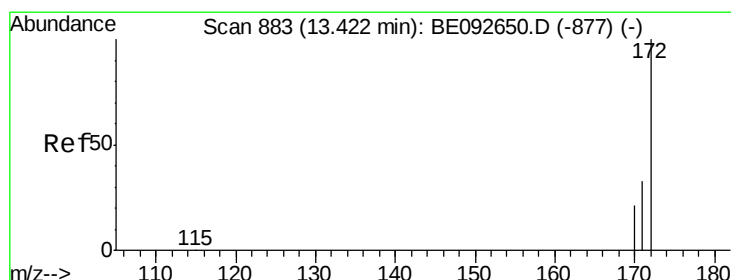
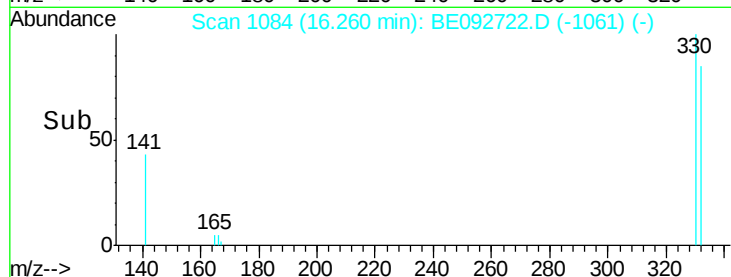
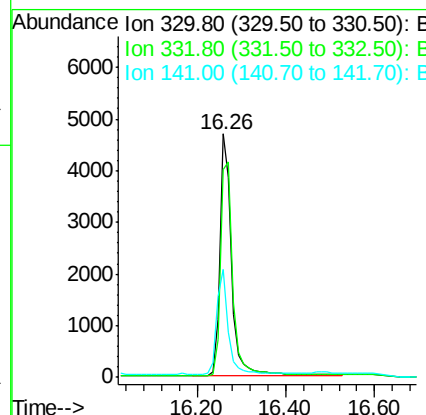
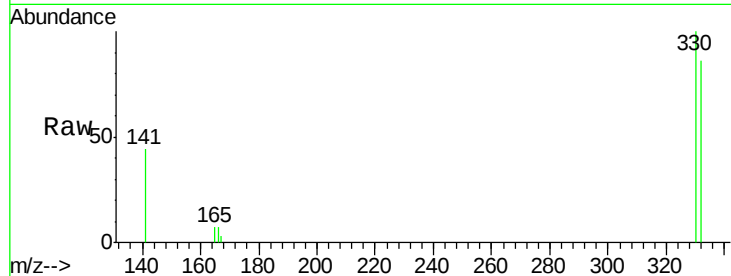
#13
 2,4,6-Tribromophenol
 Concen: 10.29 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BE092722.D
 Acq: 10 Feb 2017 15:29

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170206

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	43.2	31.0	46.6

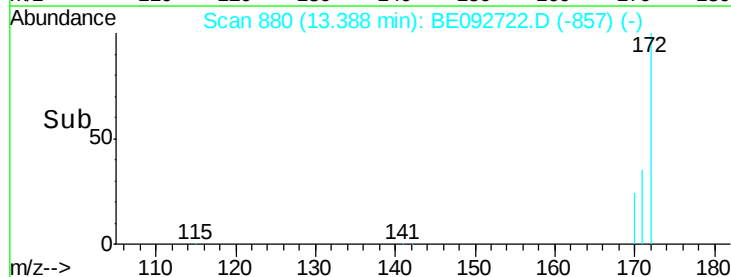
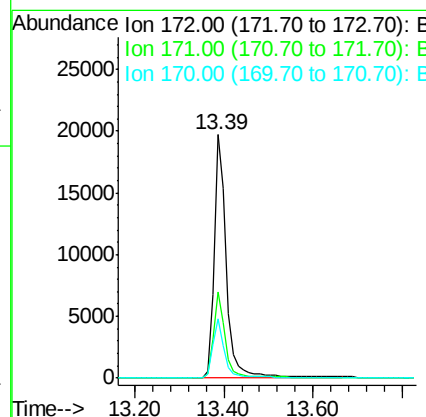
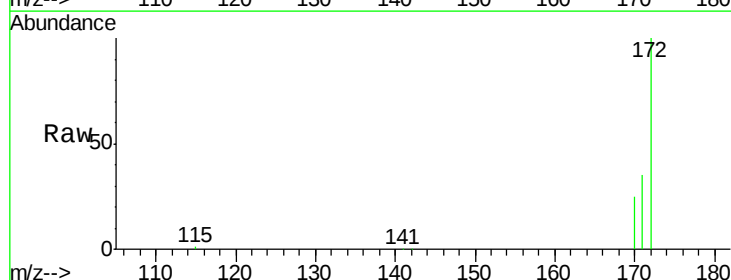
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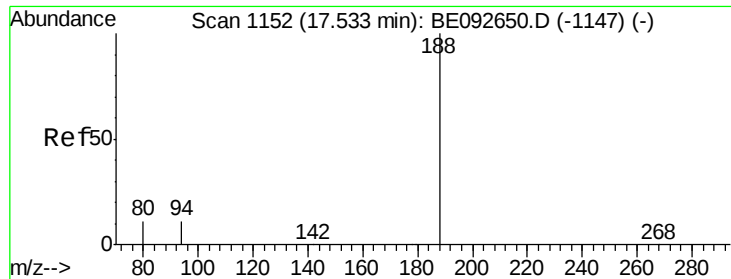
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#14
 2-Fluorobiphenyl
 Concen: 5.51 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.03 min
 Lab File: BE092722.D
 Acq: 10 Feb 2017 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.1	45.1
170	24.5	21.8	32.6





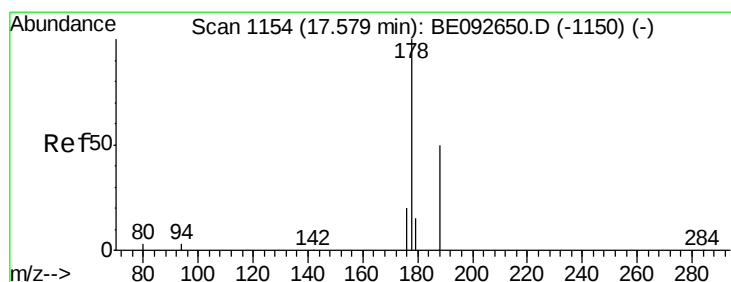
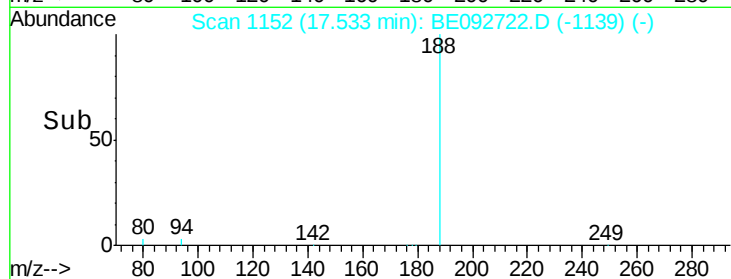
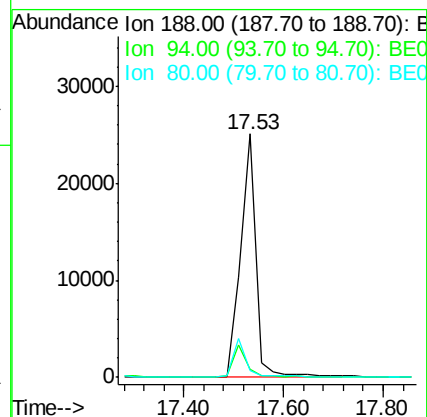
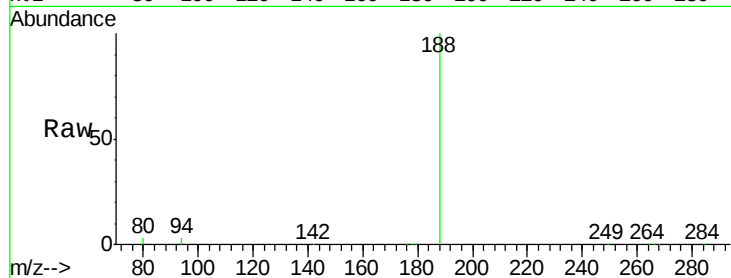
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092722.D
Acq: 10 Feb 2017 15:29

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	3.5	3.2	4.8
80	3.0	2.6	3.8

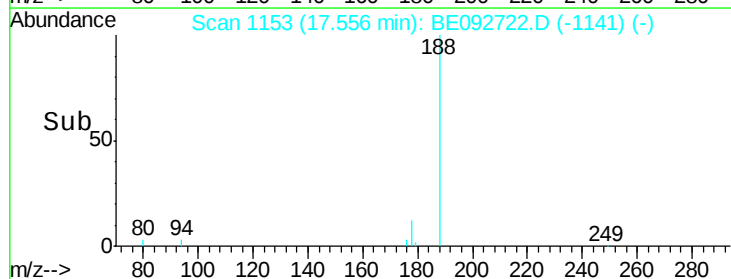
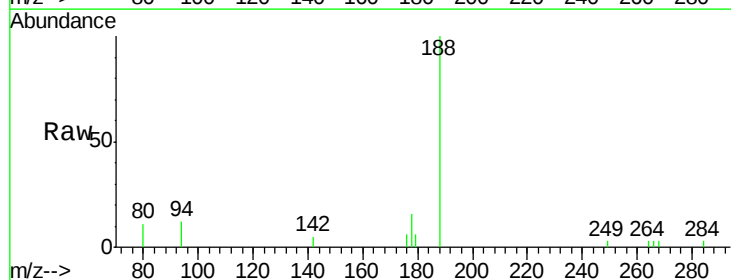
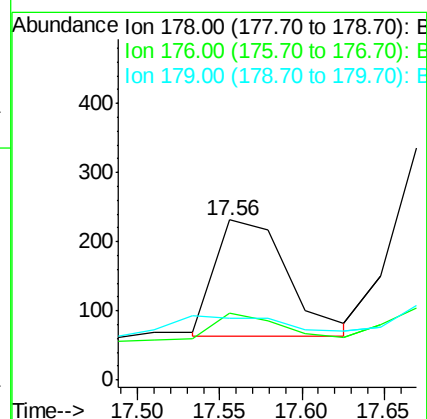
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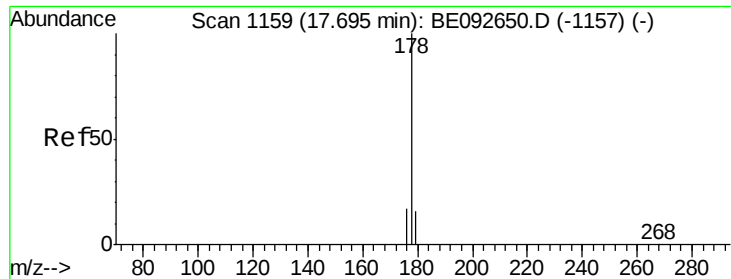
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#21
Phenanthrene
Concen: 0.04 ng m
RT: 17.56 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE092722.D
Acq: 10 Feb 2017 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	23.7	15.8	23.8
179	21.6	16.0	24.0





#22

Anthracene

Concen: 0.07 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

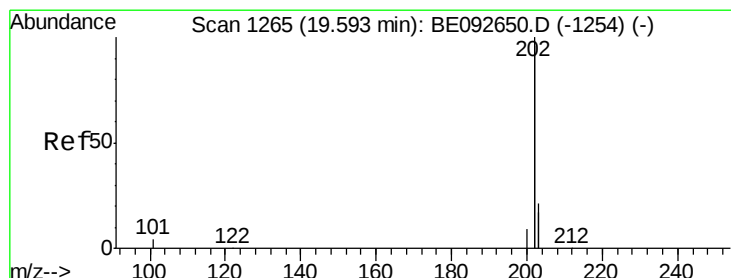
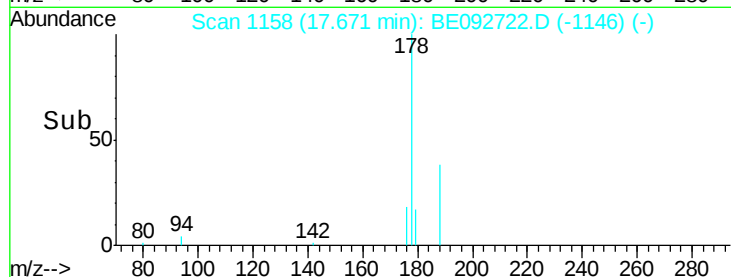
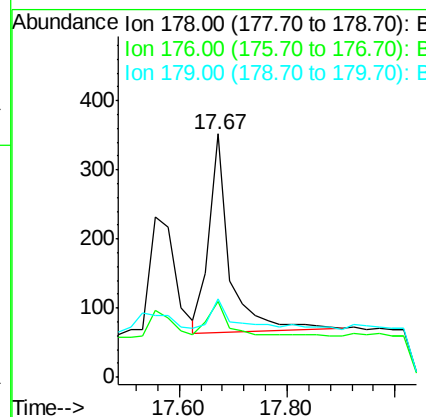
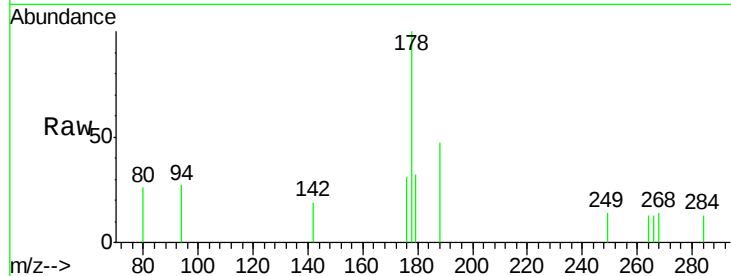
ClientSampleId :

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Tgt Ion:	178	Resp:	771
Ion Ratio	Lower	Upper	
178	100		
176	16.1	15.0	22.4
179	19.1	12.2	18.2#

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#23

Fluoranthene

Concen: 0.08 ng

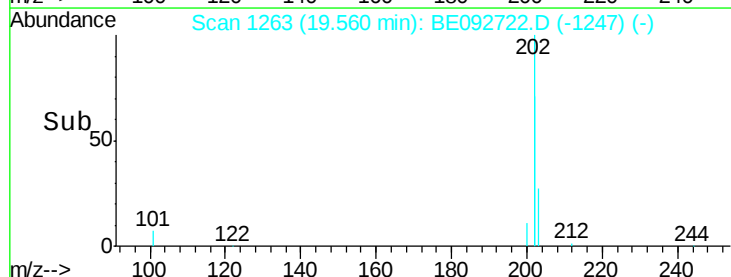
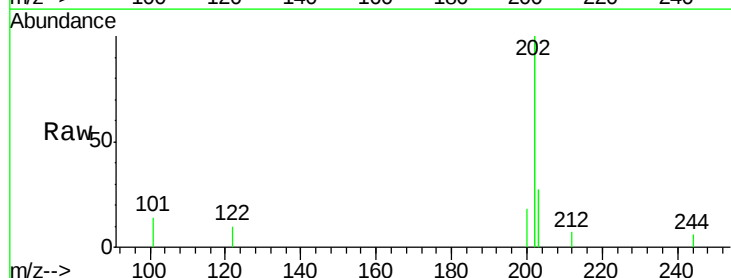
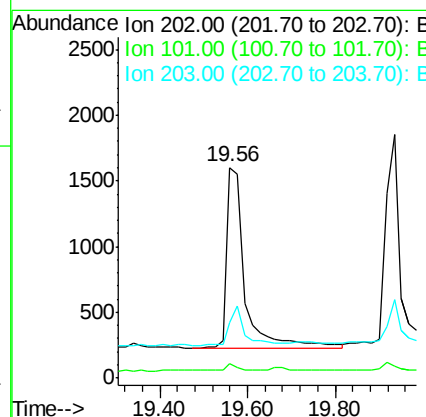
RT: 19.56 min Scan# 1263

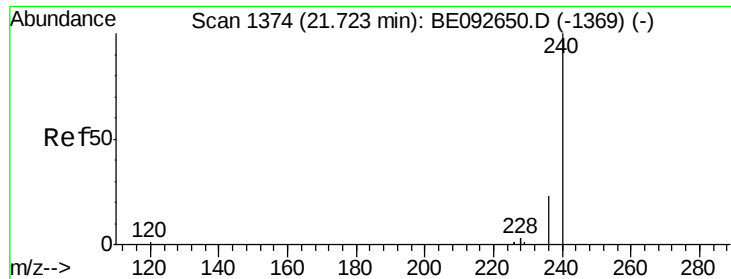
Delta R.T. -0.03 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:	202	Resp:	3971
Ion Ratio	Lower	Upper	
202	100		
101	2.7	2.2	3.4
203	18.1	13.7	20.5





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

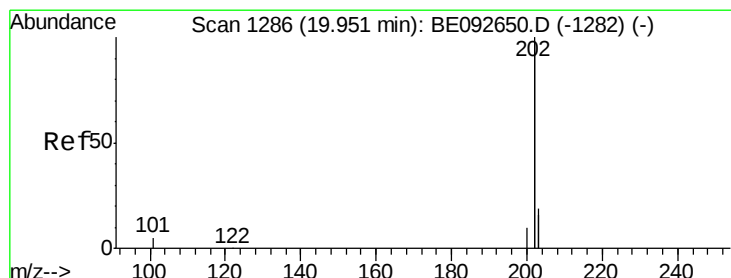
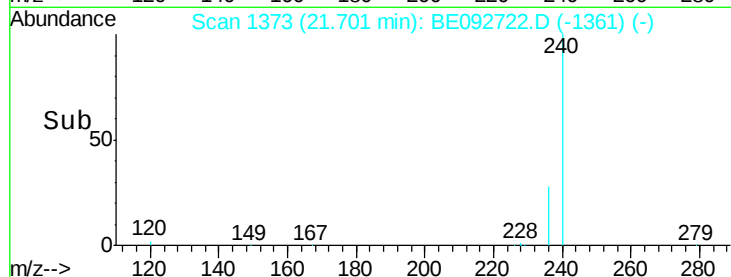
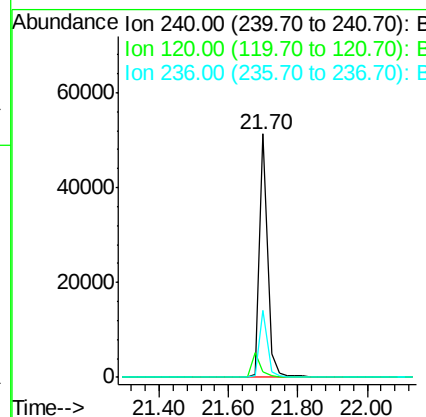
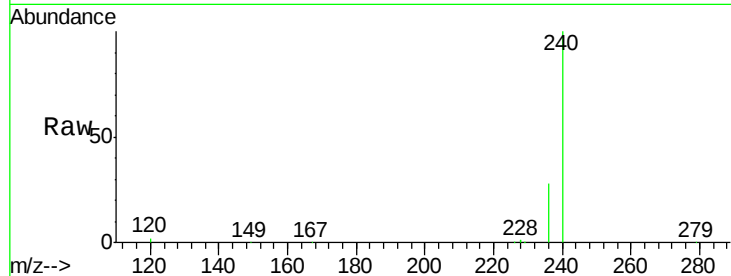
ClientSampleId :

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Tgt Ion:240 Resp: 80270
 Ion Ratio Lower Upper
 240 100
 120 2.5 2.6 4.0#
 236 27.7 24.6 37.0

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#25

Pyrene

Concen: 0.05 ng

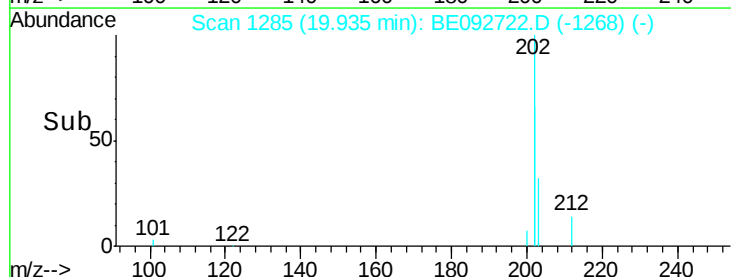
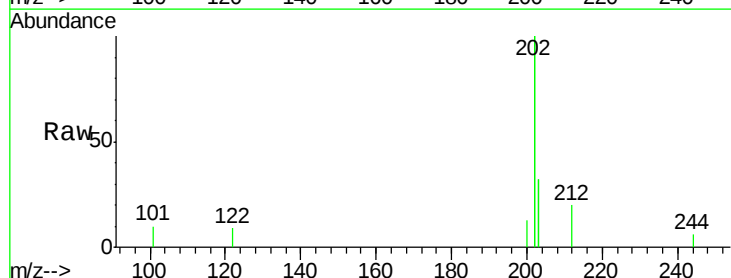
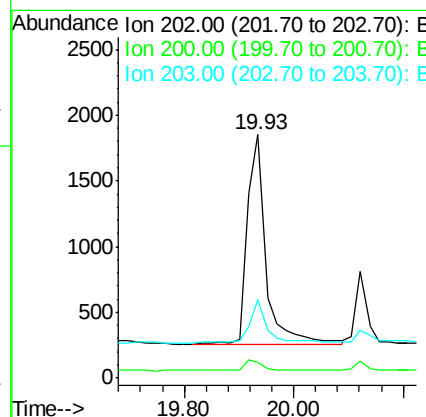
RT: 19.93 min Scan# 1285

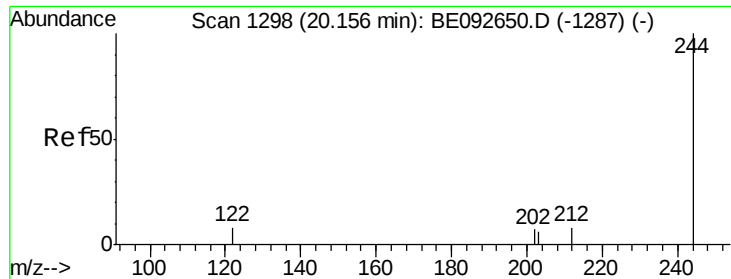
Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:202 Resp: 3740
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 19.0 13.9 20.9





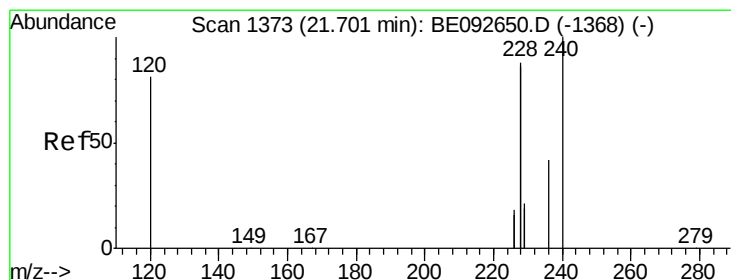
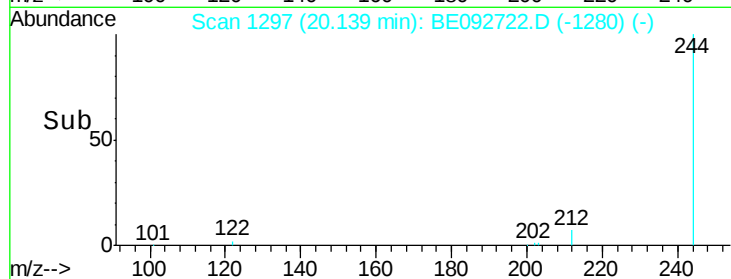
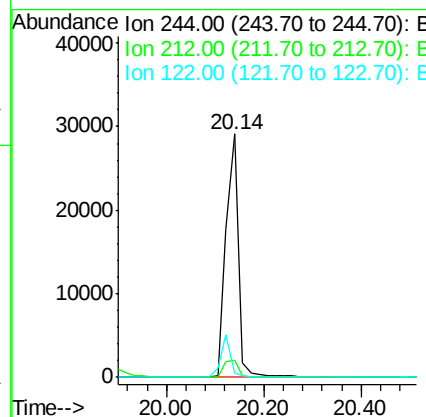
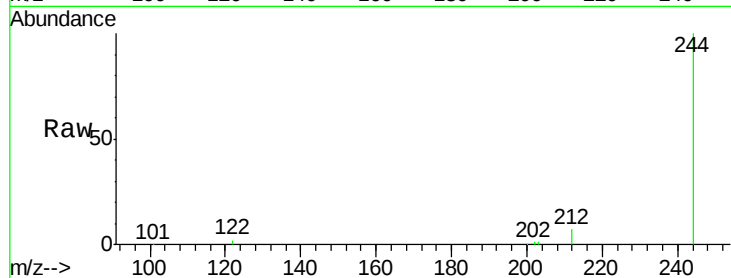
#26
 Terphenyl-d14
 Concen: 4.50 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092722.D
 Acq: 10 Feb 2017 15:29

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170206

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	51091		
212	7.1	6.7	10.1	
122	1.9	3.6	5.4	

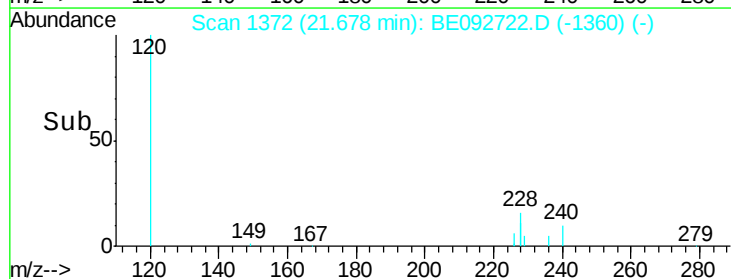
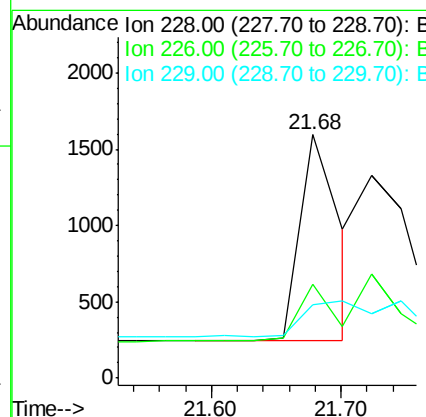
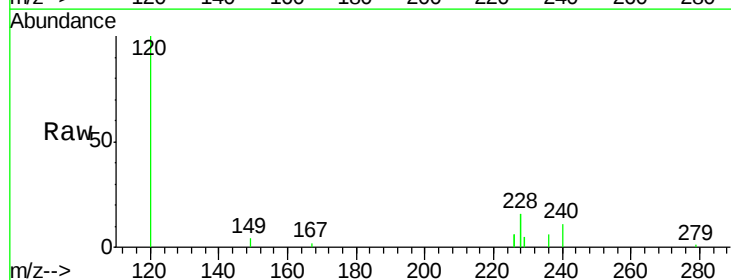
Manual Integrations
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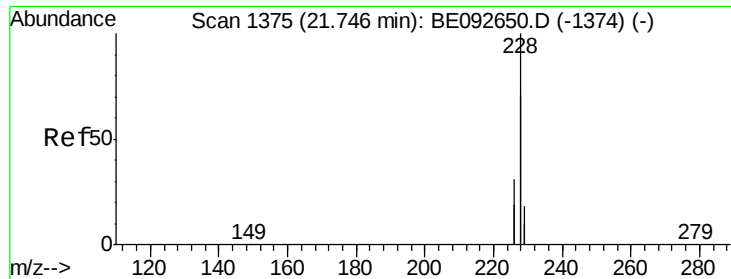
mohammad
 2/13/2017 12:51:06 PM



#27
 Benzo(a)anthracene
 Concen: 0.04 ng m
 RT: 21.68 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BE092722.D
 Acq: 10 Feb 2017 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2858		
226	38.7	23.6	35.4	
229	30.2	13.3	19.9	





#28

Chrysene

Concen: 0.04 ng m

RT: 21.72 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Instrument :

BNA_E

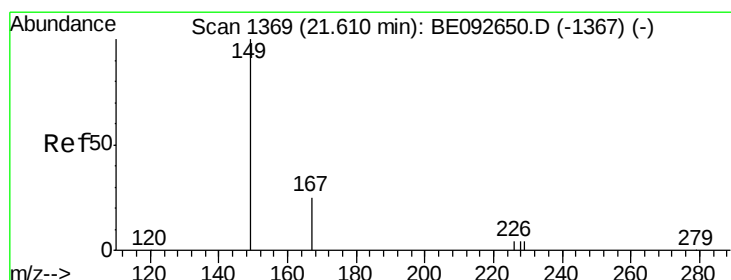
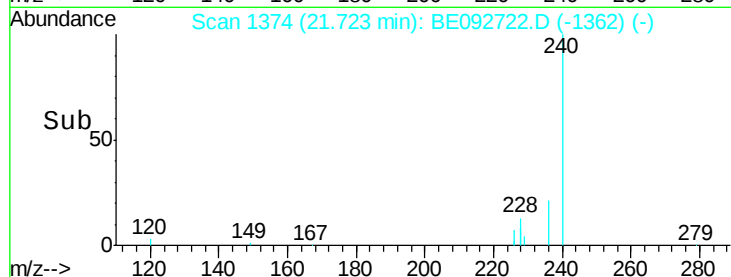
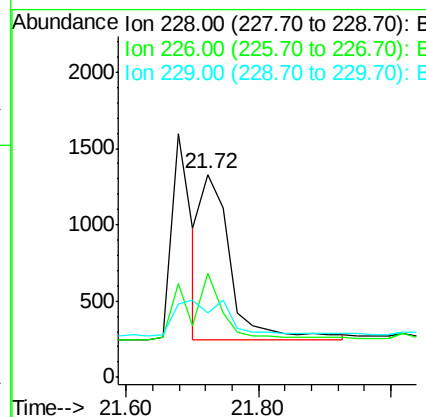
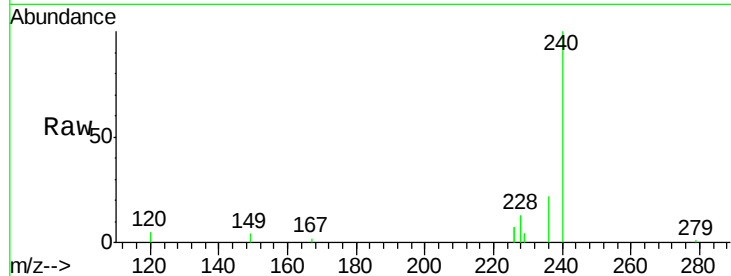
ClientSampleId :

KY038PS027-170206

Tgt Ion:	228	Resp:	3415
Ion Ratio	Lower	Upper	
228	100		
226	51.4	36.3	54.5
229	31.8	10.6	16.0#

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#29

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

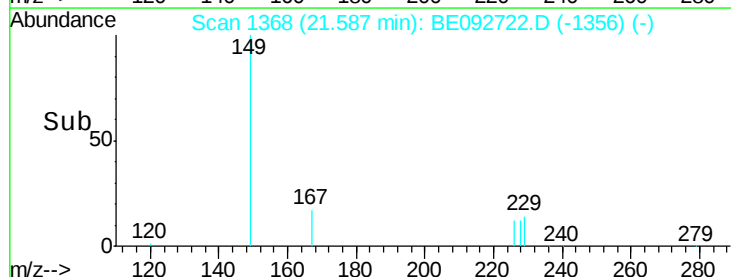
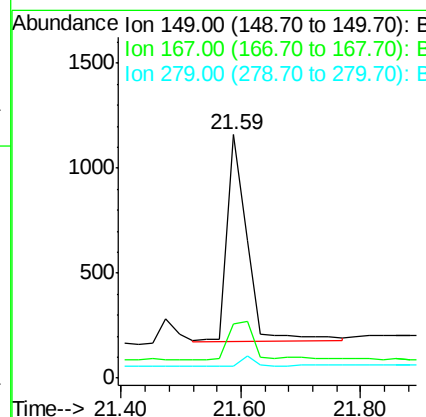
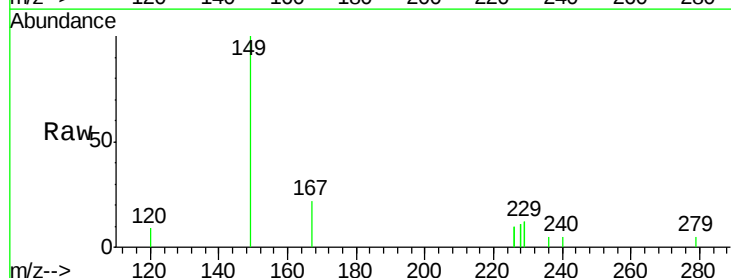
RT: 21.59 min Scan# 1368

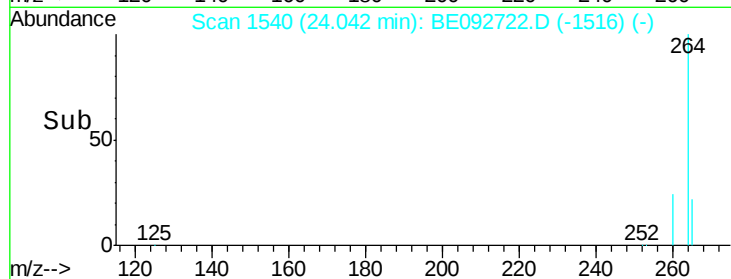
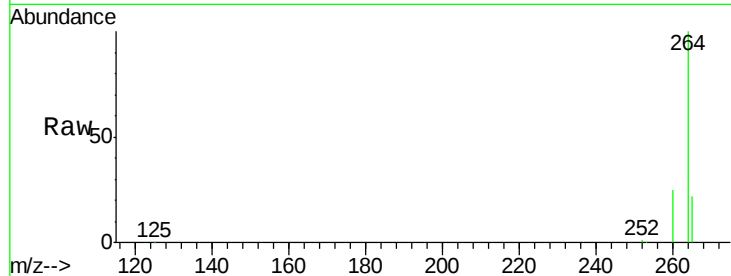
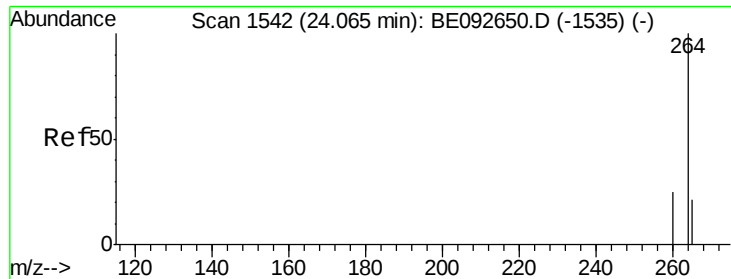
Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion:	149	Resp:	2219
Ion Ratio	Lower	Upper	
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.04 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BE092722.D

Acq: 10 Feb 2017 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	72275		
260	24.6		20.1	30.1
265	22.2		17.9	26.9

Instrument :

BNA_E

ClientSampleId :

KY038PS027-170206

Manual Integrations
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2/13/2017 12:51:06 PM

