

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
 Data File : BE092741.D
 Acq On : 15 Feb 2017 20:00
 Operator : SJ/MA
 Sample : I1788-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-021017

Manual Integrations
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Quant Time: Feb 16 06:04:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10369	5.00	ng	0.00
7) Naphthalene-d8	10.88	136	50394	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	31516	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	66442	5.00	ng	0.00
24) Chrysene-d12	21.70	240	68392	5.00	ng	0.00
31) Perylene-d12	24.03	264	69365	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	10397	5.15	ng	-0.02
5) Phenol-d6	7.29	99	7856	3.17	ng	-0.02
8) Nitrobenzene-d5	9.27	82	18474	5.42	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	9997	14.95	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	40550	5.28	ng	-0.02
26) Terphenyl-d14	20.12	244	54366	6.23	ng	-0.02
Target Compounds						
9) Naphthalene	10.93	128	23931	2.19	ng	# 84
11) 2-Methylnaphthalene	12.55	142	3854m	0.56	ng	
17) Fluorene	15.81	166	437	0.05	ng	# 88
25) Pyrene	19.92	202	1769	0.03	ng	# 85
29) Bis(2-ethylhexyl)phthalate	21.59	149	1949	0.27	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.50	276	1642	0.05	ng	97

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

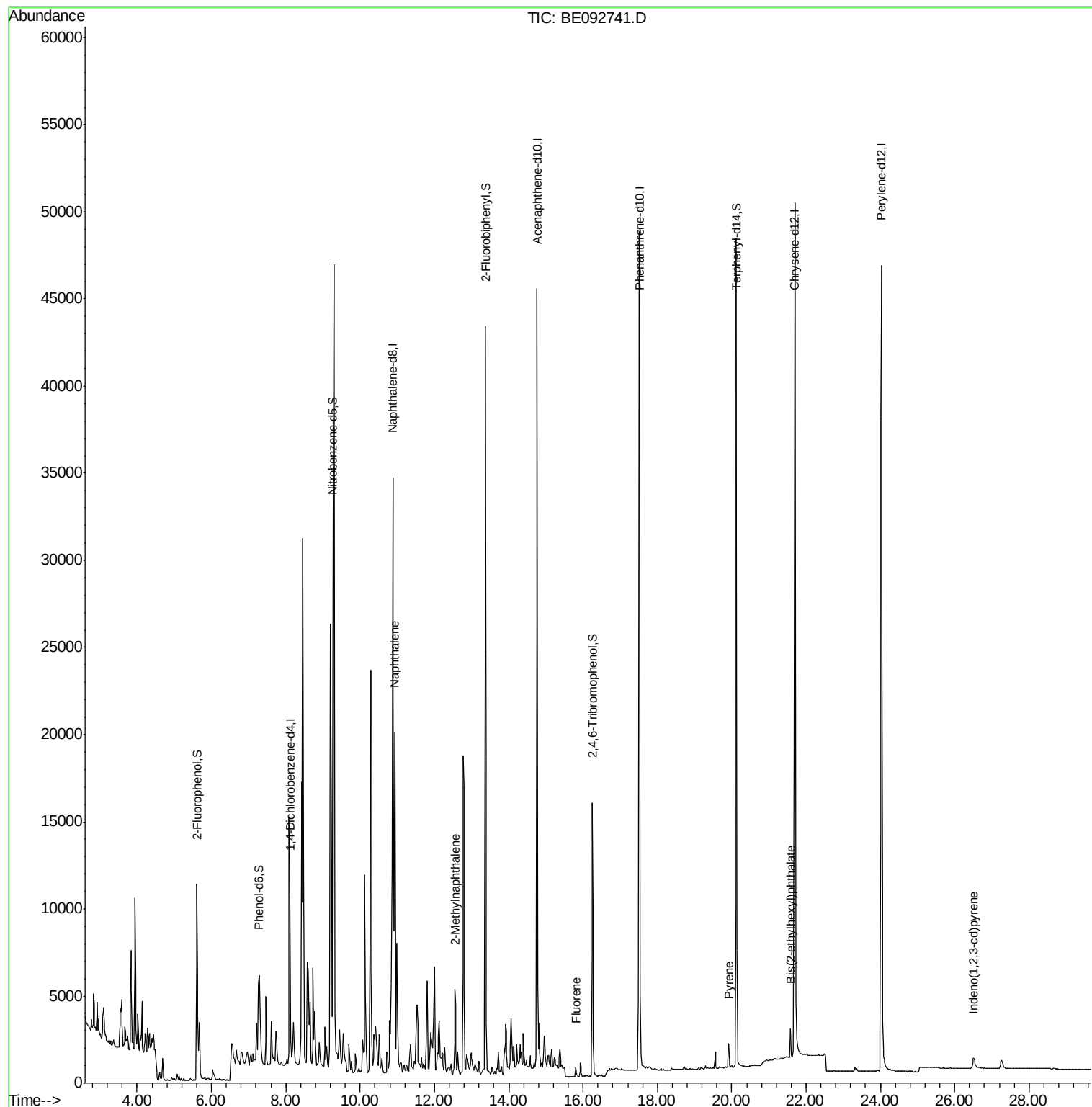
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
Data File : BE092741.D
Acq On : 15 Feb 2017 20:00
Operator : SJ/MA
Sample : I1788-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

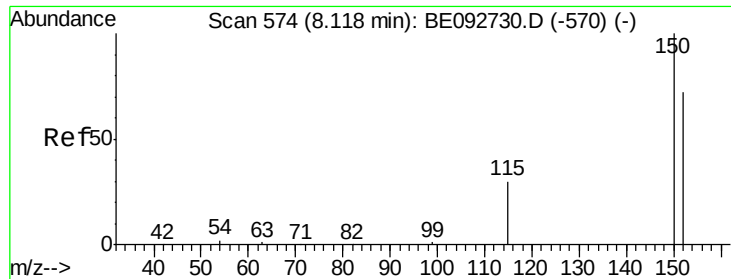
Instrument :
BNA_E
ClientSampleId :
MW-2-021017

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Quant Time: Feb 16 06:04:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
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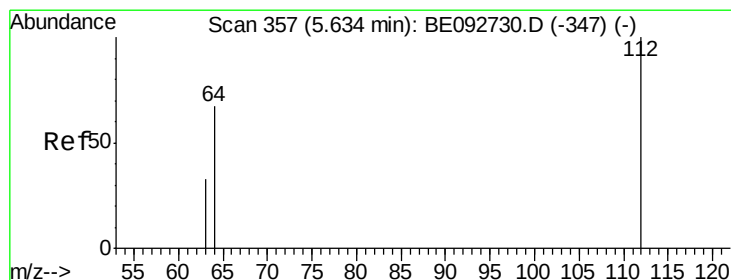
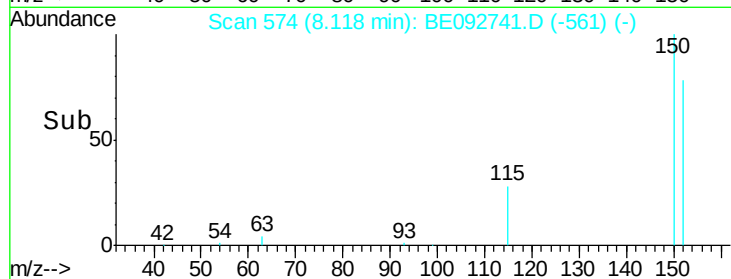
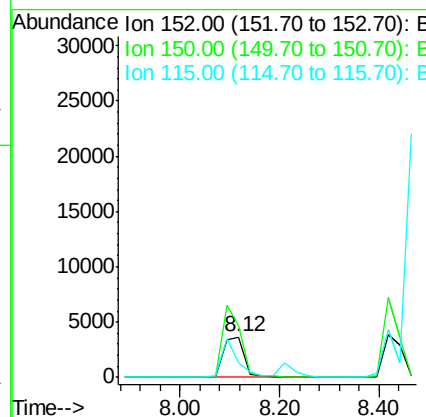
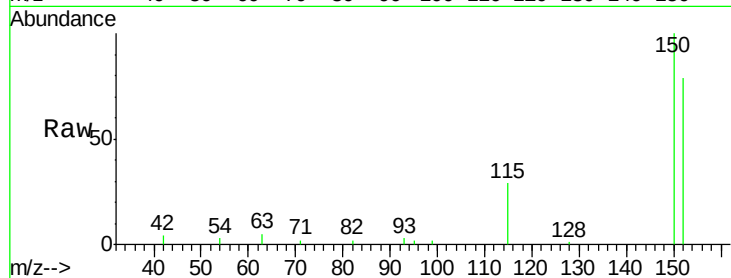
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.12 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-021017

Tgt Ion	Ratio	Lower	Upper
152	100		
150	127.3	106.0	159.0
115	36.8	31.2	46.8

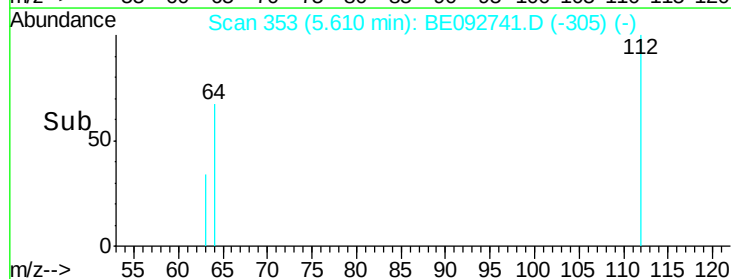
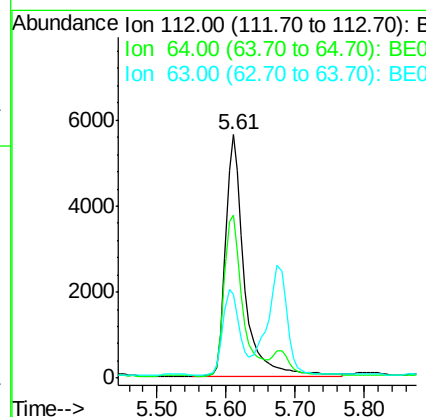
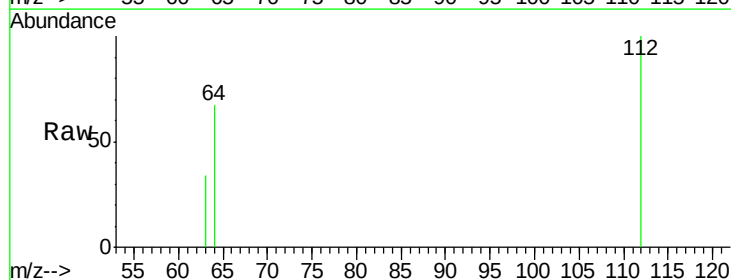
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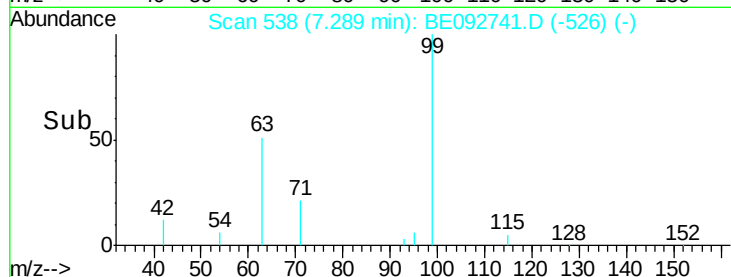
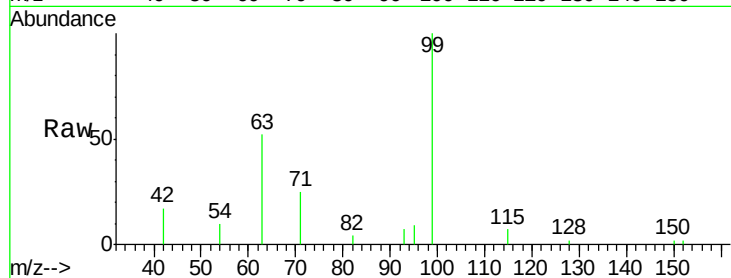
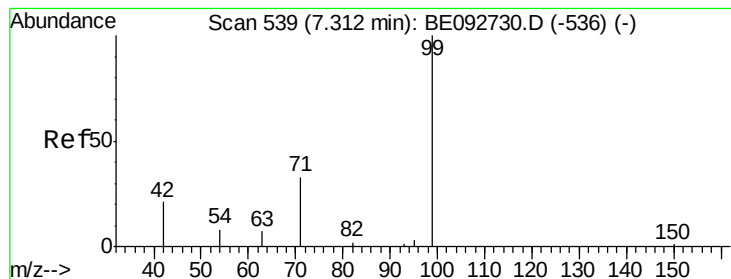
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#4
 2-Fluorophenol
 Concen: 5.15 ng
 RT: 5.61 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.5	80.3
63	32.3	27.9	41.9





#5

Phenol-d6

Concen: 3.17 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

Instrument :

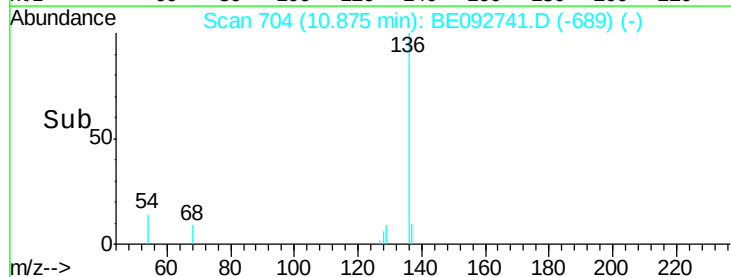
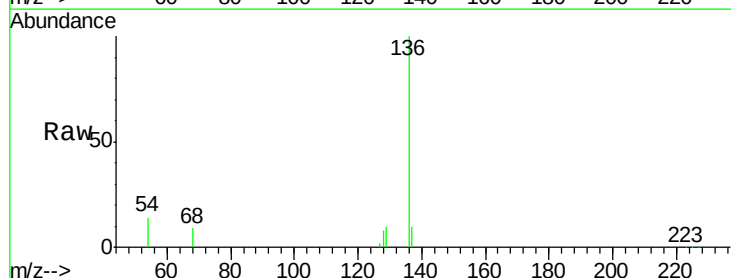
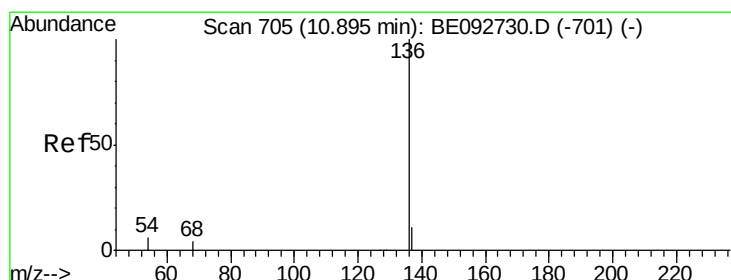
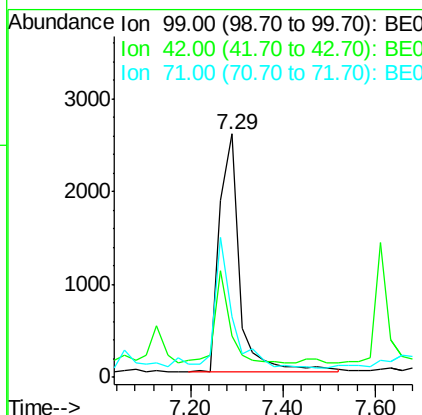
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 5.00 ng

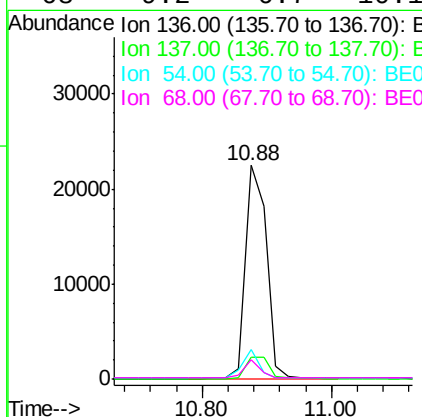
RT: 10.88 min Scan# 704

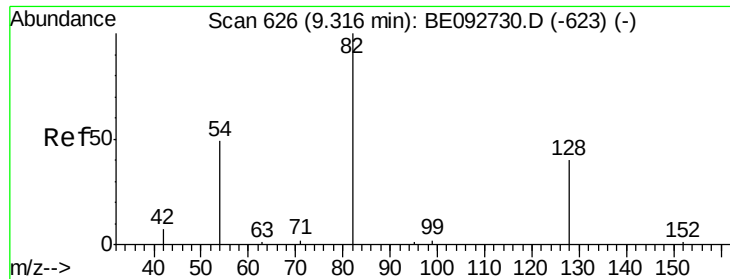
Delta R.T. -0.02 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	14.0	9.6	14.4
68	9.2	6.7	10.1





#8

Nitrobenzene-d5

Concen: 5.42 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Instrument :

BNA_E

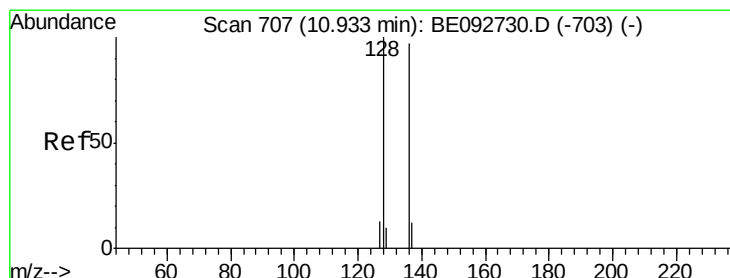
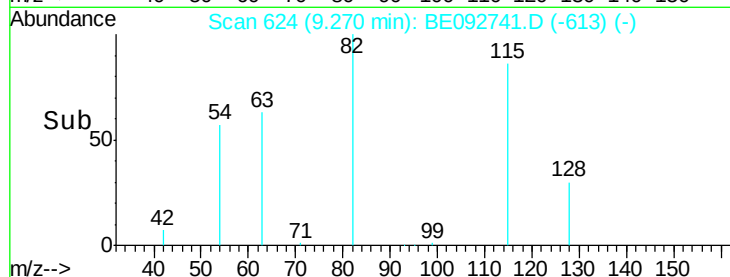
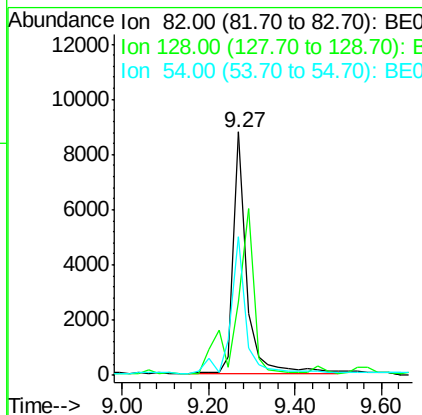
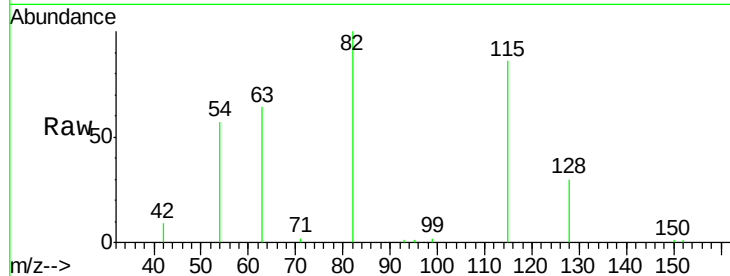
ClientSampleId :

MW-2-021017

Tgt Ion:	82	Resp:	18474
Ion Ratio	Lower	Upper	
82	100		
128	30.3	39.0	58.4#
54	56.9	44.8	67.2

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#9

Naphthalene

Concen: 2.19 ng

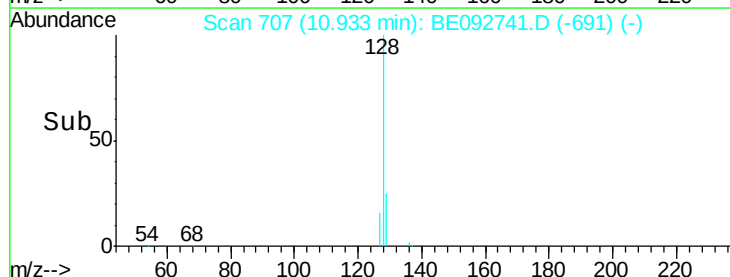
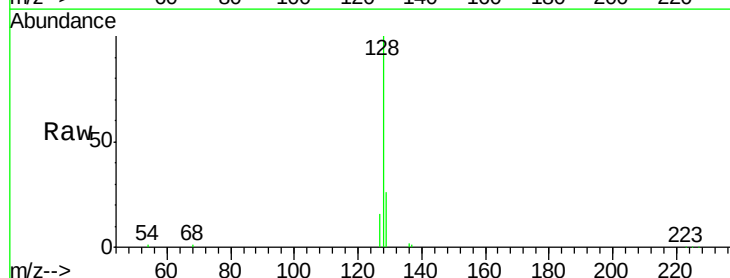
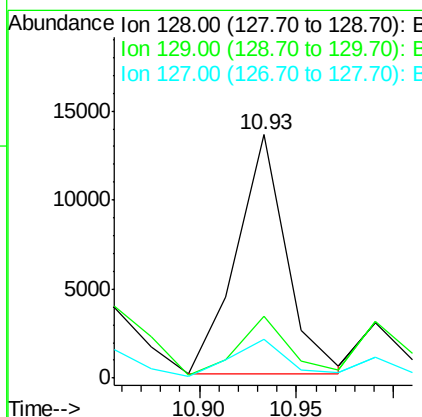
RT: 10.93 min Scan# 707

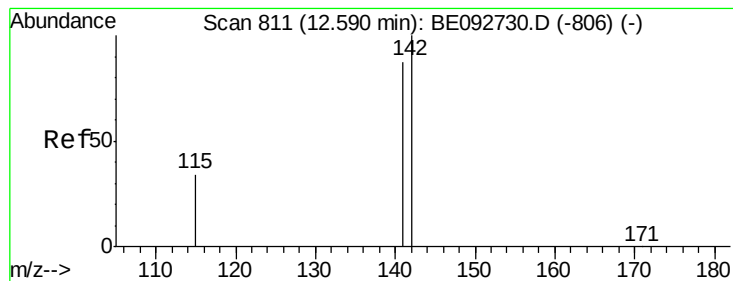
Delta R.T. -0.00 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Tgt Ion:	128	Resp:	23931
Ion Ratio	Lower	Upper	
128	100		
129	25.6	11.2	16.8#
127	16.1	11.6	17.4





#11

2-Methylnaphthalene

Concen: 0.56 ng m

RT: 12.55 min Scan# 808

Delta R.T. -0.04 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Instrument :

BNA_E

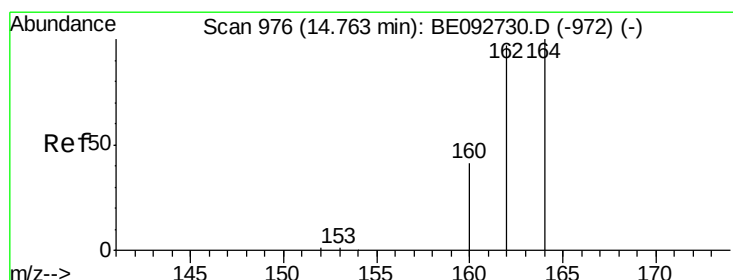
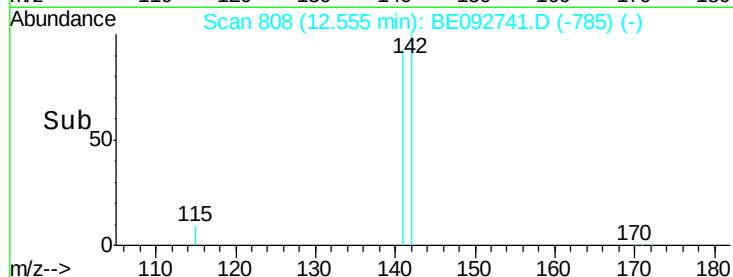
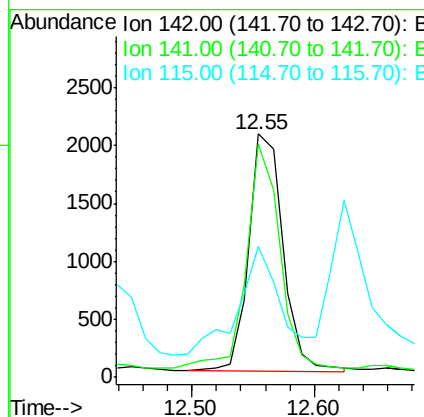
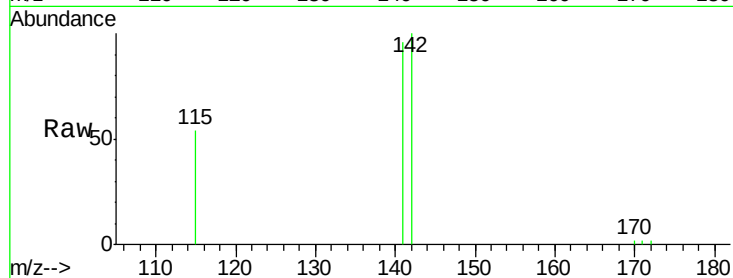
ClientSampleId :

MW-2-021017

Tgt Ion:	142	Resp:	3854
Ion Ratio	Lower	Upper	
142	100		
141	95.8	73.7	110.5
115	53.6	34.0	51.0#

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#12

Acenaphthene-d10

Concen: 5.00 ng

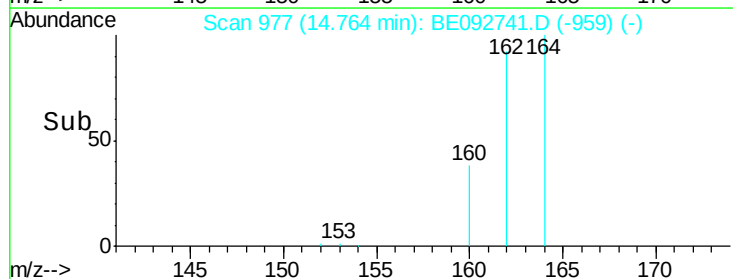
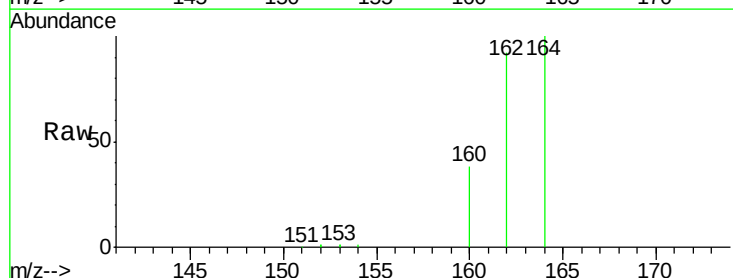
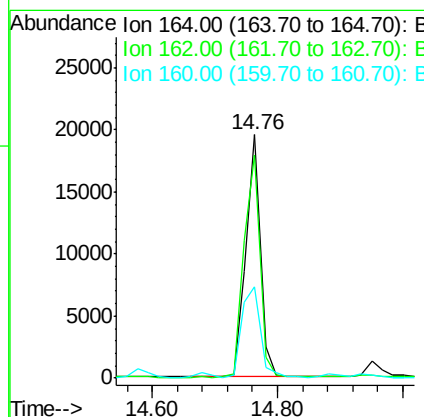
RT: 14.76 min Scan# 977

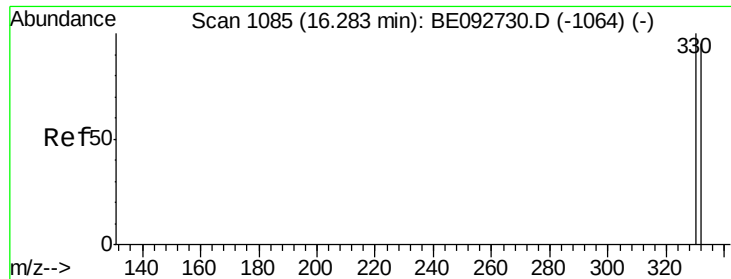
Delta R.T. 0.00 min

Lab File: BE092741.D

Acq: 15 Feb 2017 20:00

Tgt Ion:	164	Resp:	31516
Ion Ratio	Lower	Upper	
164	100		
162	91.6	71.4	107.0
160	37.6	27.4	41.2





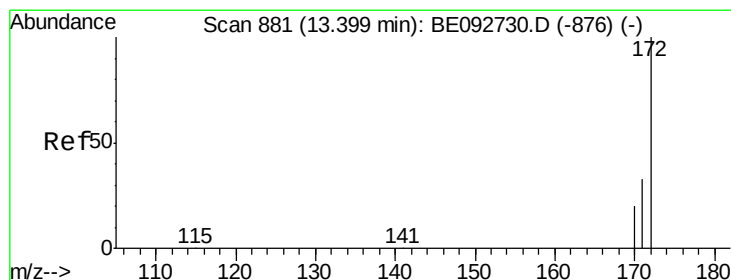
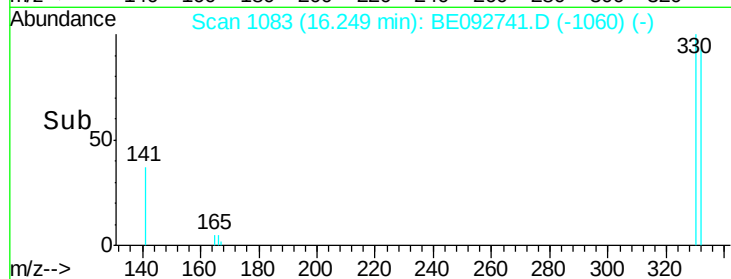
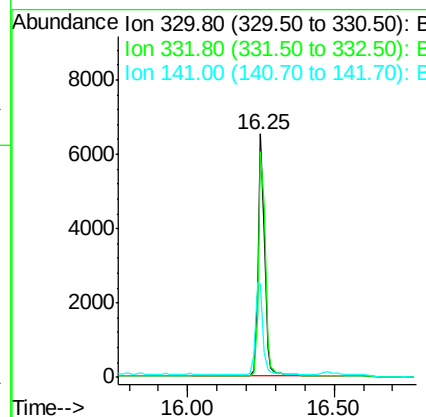
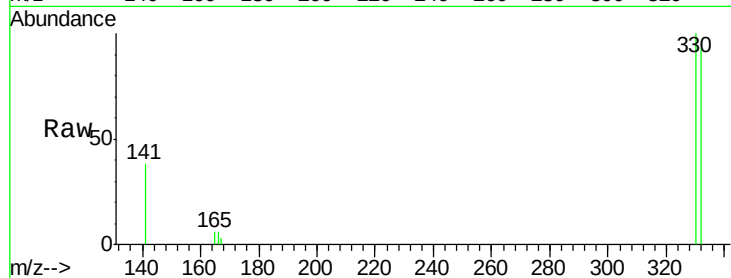
#13
 2,4,6-Tribromophenol
 Concen: 14.95 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-021017

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.0
141	44.3	31.0	46.6

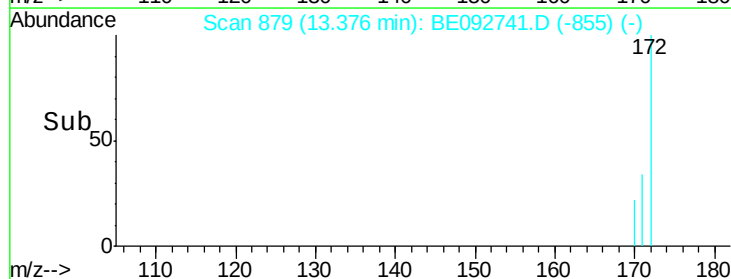
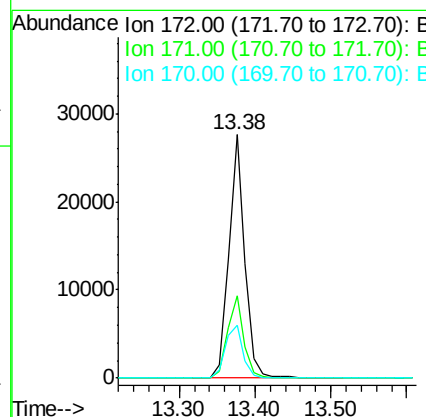
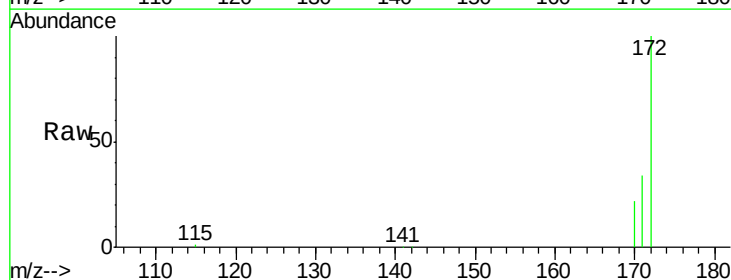
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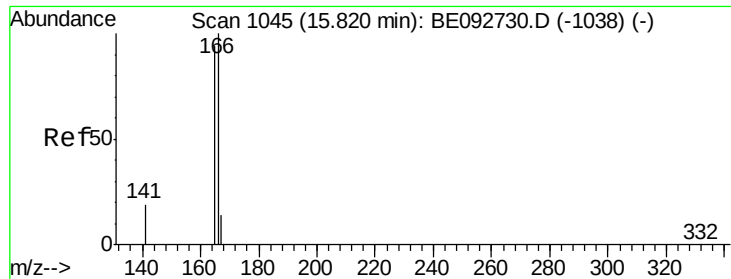
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#14
 2-Fluorobiphenyl
 Concen: 5.28 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.1	45.1
170	21.7	21.8	32.6





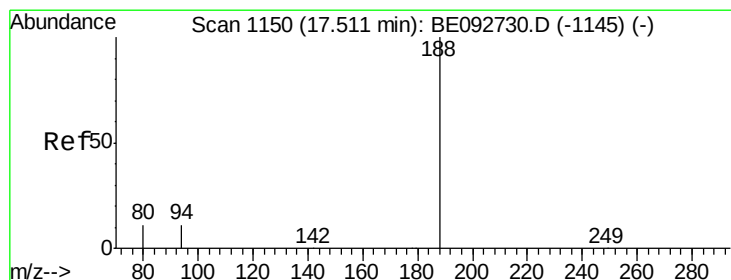
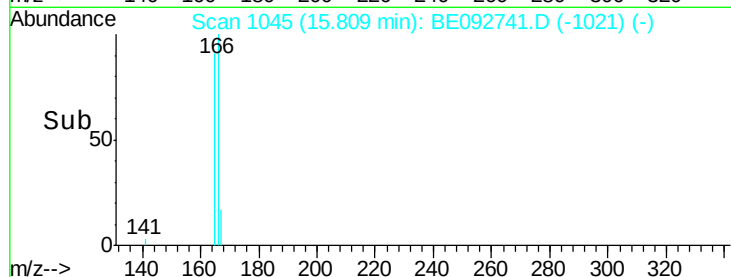
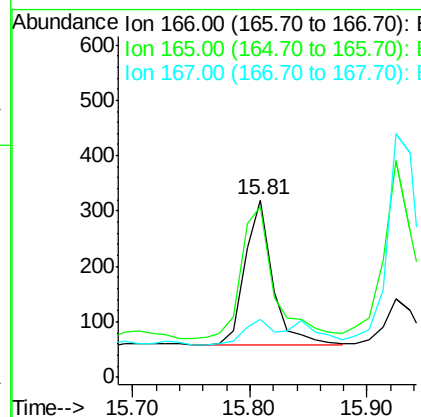
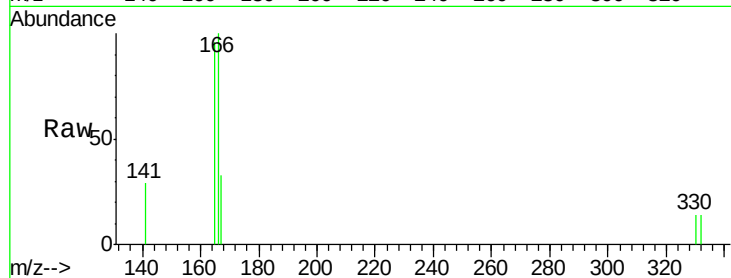
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Fluorene
 Concen: 0.05 ng
 RT: 15.81 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-021017

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.0	78.2	117.4
167	22.7	11.0	16.4#

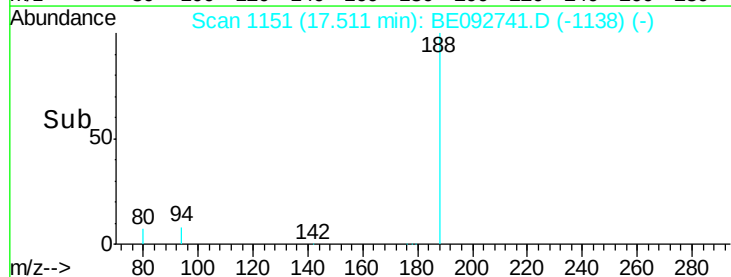
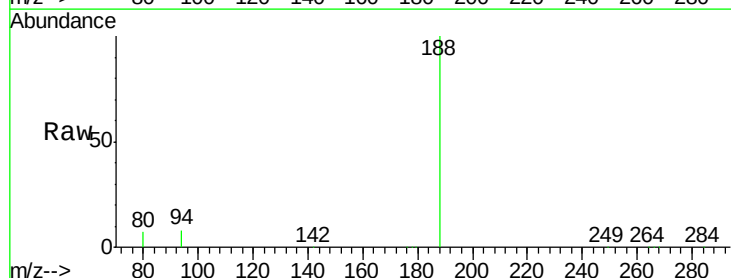
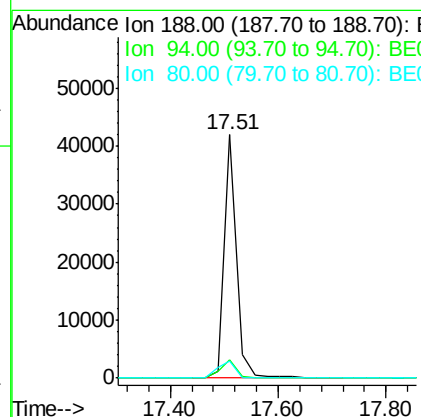
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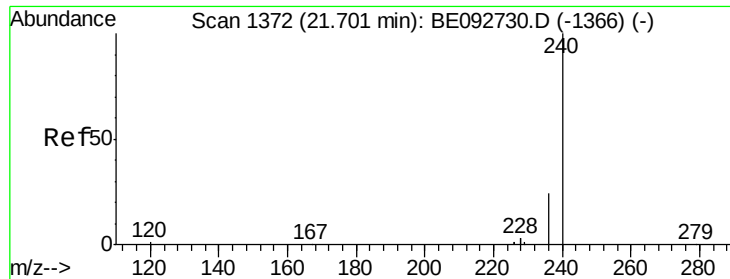
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#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	3.2	4.8#
80	7.0	2.6	3.8#





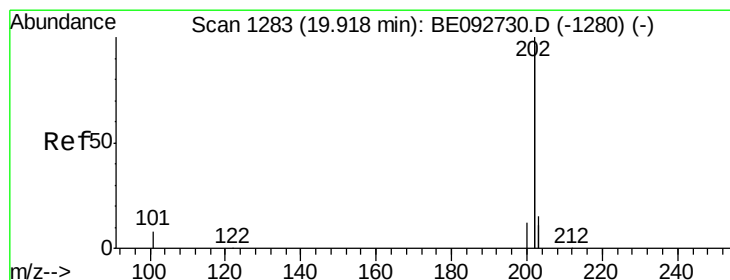
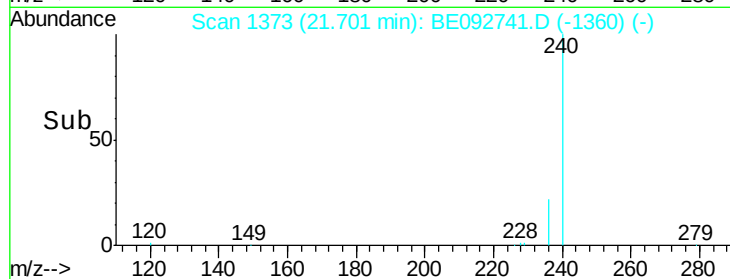
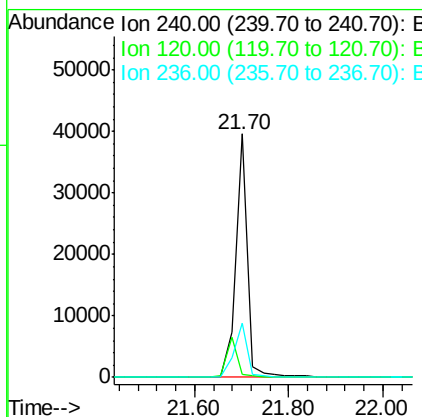
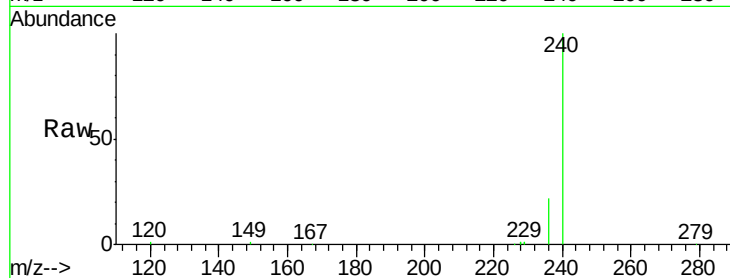
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :
MW-2-021017

Tgt Ion: 240 Resp: 68392
Ion Ratio Lower Upper
240 100
120 1.1 2.6 4.0#
236 22.3 24.6 37.0#

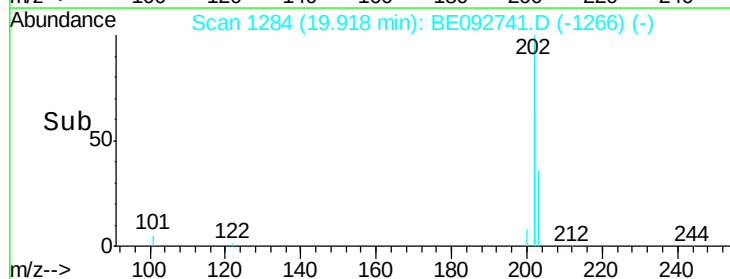
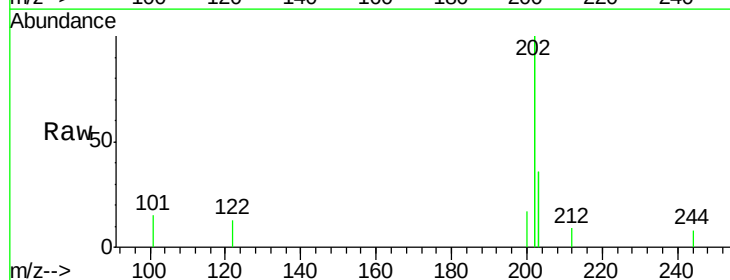
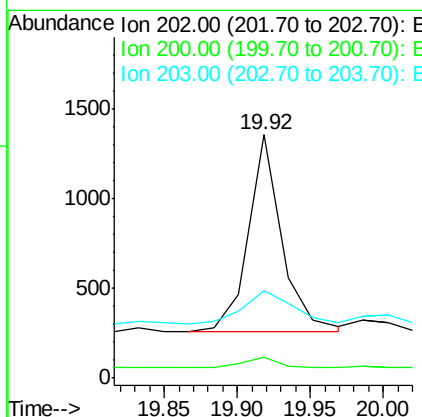
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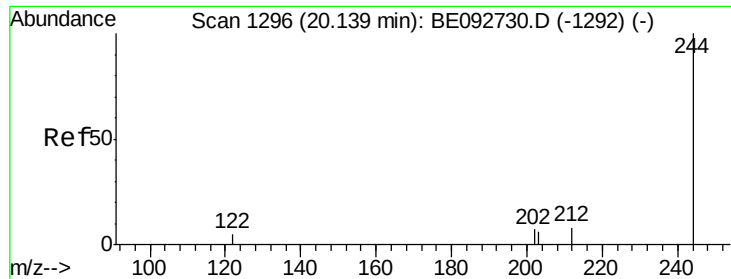
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#25
Pyrene
Concen: 0.03 ng
RT: 19.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion: 202 Resp: 1769
Ion Ratio Lower Upper
202 100
200 5.5 4.2 6.4
203 26.1 13.9 20.9#





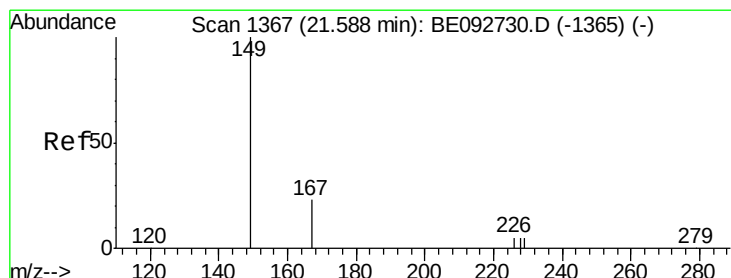
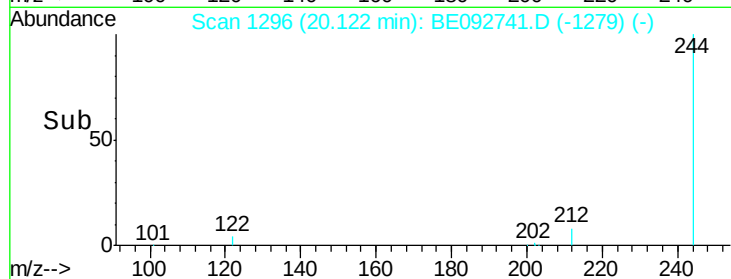
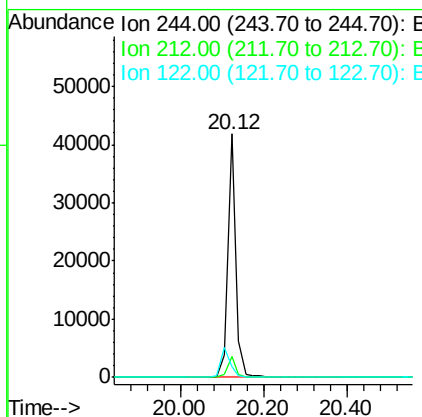
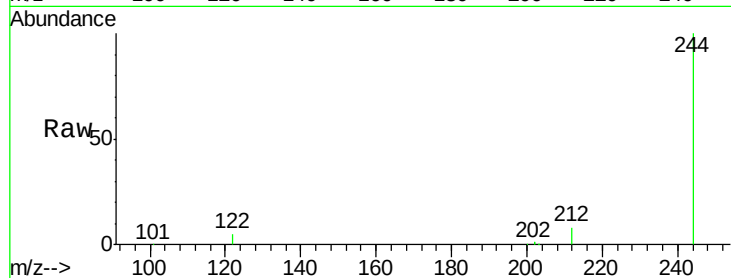
#26
 Terphenyl-d14
 Concen: 6.23 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 MW-2-021017

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	54366		
212	8.4		6.7	10.1
122	4.6		3.6	5.4

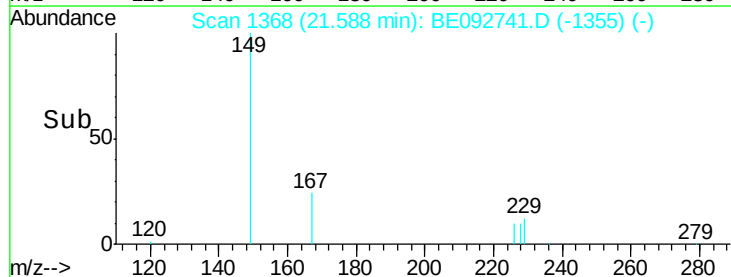
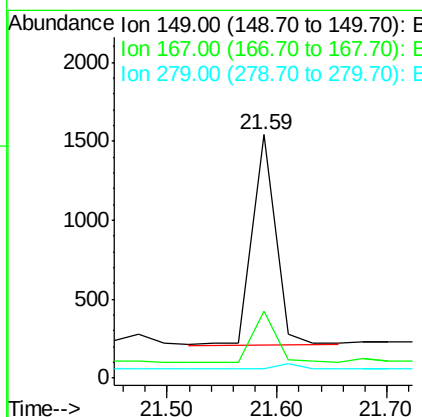
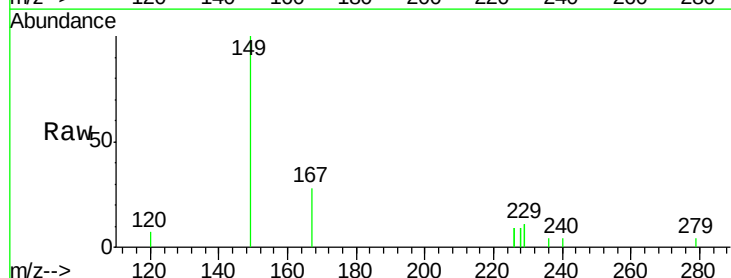
Manual Integrations
 APPROVED

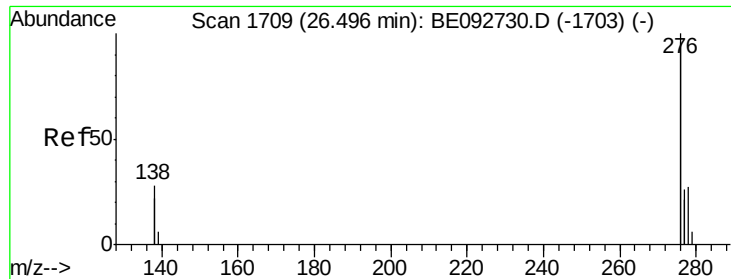
mohammad
 2/16/2017 11:47:31 AM



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092741.D
 Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1949		
167	23.7		16.0	24.0
279	0.0		16.0	24.0#





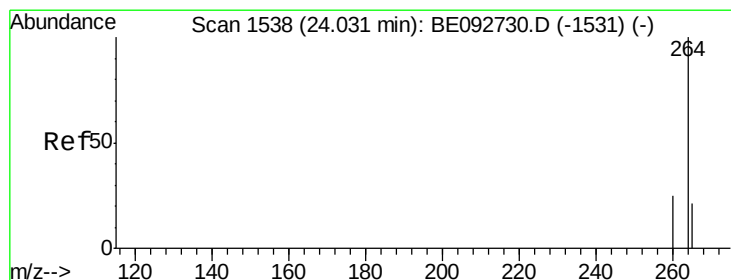
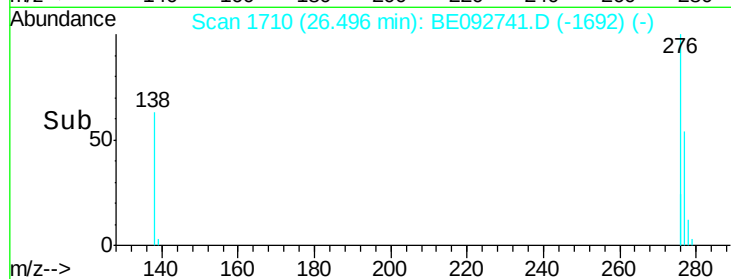
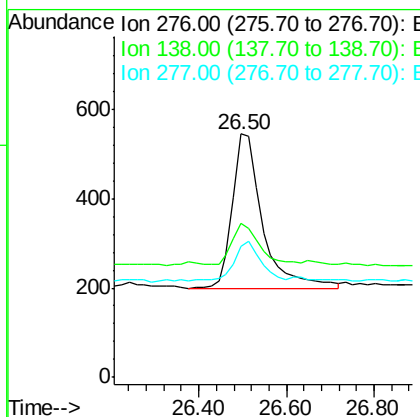
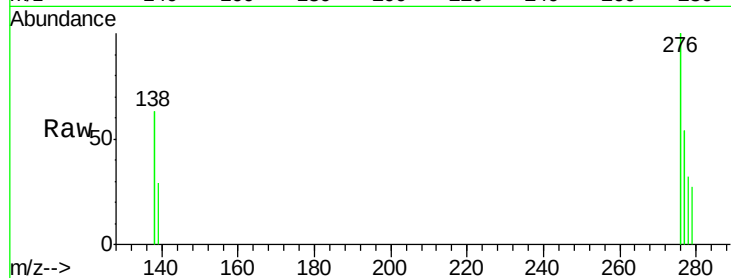
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.50 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Instrument :
BNA_E
ClientSampleId :
MW-2-021017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.3	30.5
277	22.7	19.7	29.5

Manual Integrations
APPROVED

mohammad
2/16/2017 11:47:31 AM



#31
Perylene-d12
Concen: 5.00 ng
RT: 24.03 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE092741.D
Acq: 15 Feb 2017 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.2	17.9	26.9

