

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092797.D
 Acq On : 6 Mar 2017 21:25
 Operator : SJ/MA
 Sample : I2052-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051

Manual Integrations
 APPROVED

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 3/7/2017 4:23:22 PM

Quant Time: Mar 07 07:35:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9077	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	41216	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	26132	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	56992	5.00	ng	0.00
24) Chrysene-d12	21.68	240	83937	5.00	ng	-0.02
31) Perylene-d12	24.01	264	70893	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	8143	4.24	ng	-0.03
5) Phenol-d6	7.27	99	5994	2.62	ng	-0.05
8) Nitrobenzene-d5	9.27	82	12315	4.89	ng	-0.05
13) 2,4,6-Tribromophenol	16.24	330	9512	13.84	ng	-0.04
14) 2-Fluorobiphenyl	13.36	172	31635	5.13	ng	-0.04
26) Terphenyl-d14	20.10	244	50413	4.98	ng	-0.03
Target Compounds						
9) Naphthalene	10.91	128	8803	1.00	ng	Qvalue 94
11) 2-Methylnaphthalene	12.55	142	24370m	4.27	ng	
17) Fluorene	15.80	166	2115	0.28	ng	# 94
20) Pentachlorophenol	17.17	266	267005	313.07	ng	# 86
21) Phenanthrene	17.53	178	1259	0.09	ng	# 92
30) Indeno(1,2,3-cd)pyrene	26.48	276	2999	0.04	ng	97
36) Benzo(g,h,i)perylene	27.23	276	2881	0.04	ng	# 60

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

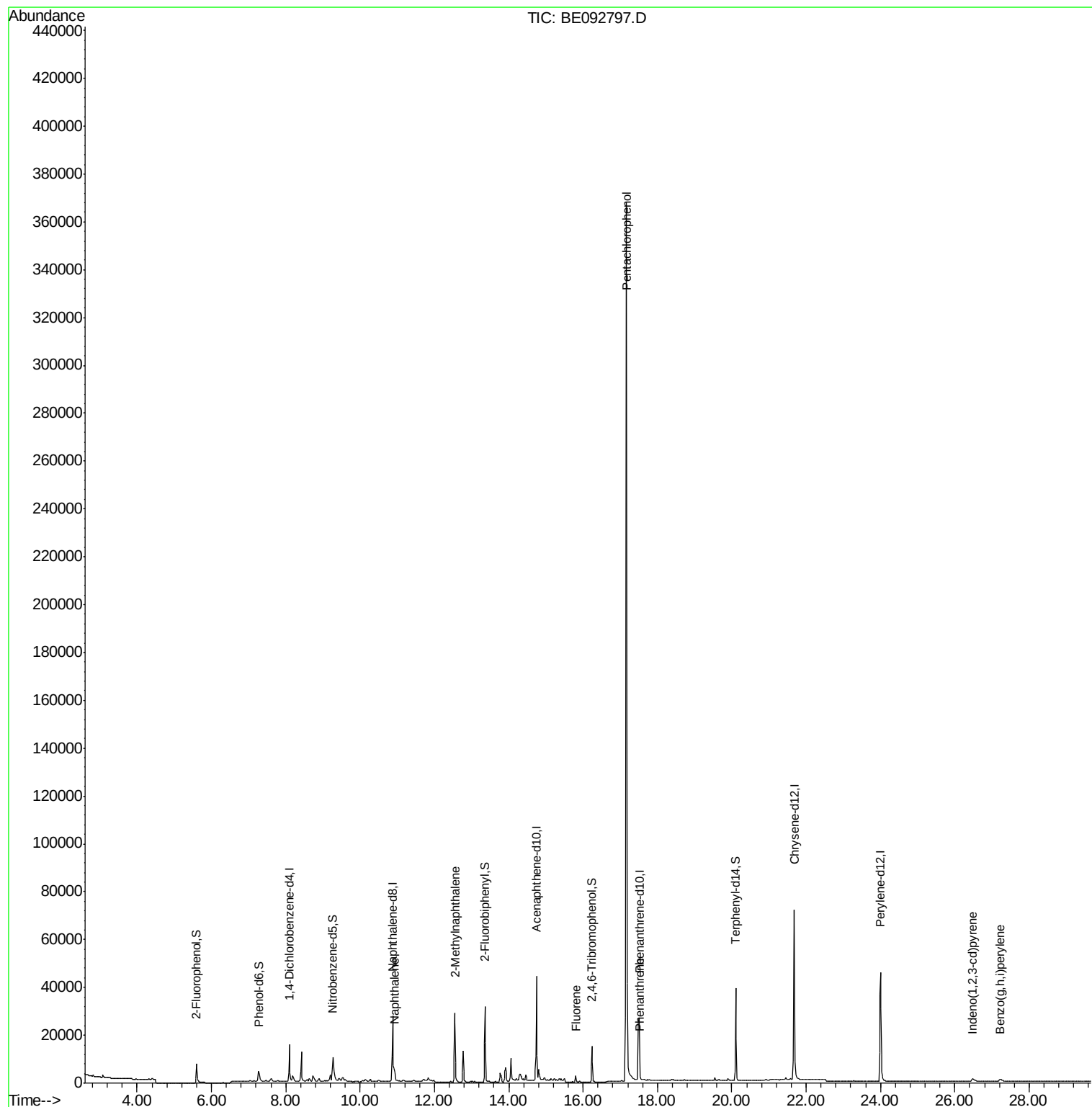
Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
Data File : BE092797.D
Acq On : 6 Mar 2017 21:25
Operator : SJ/MA
Sample : I2052-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

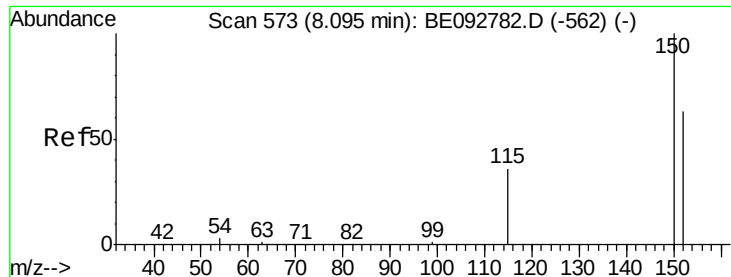
Instrument :
BNA_E
ClientSampleId :
CPS093051

Manual Integrations
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#1

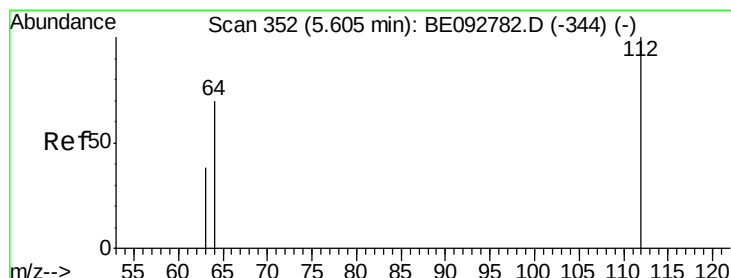
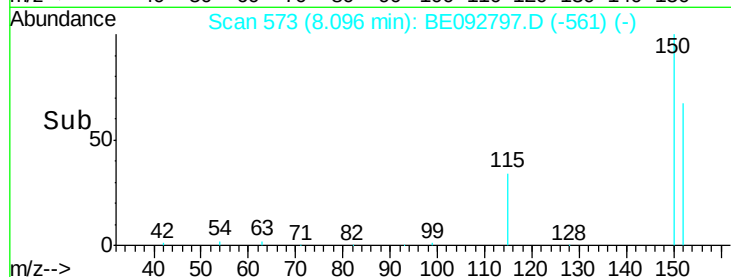
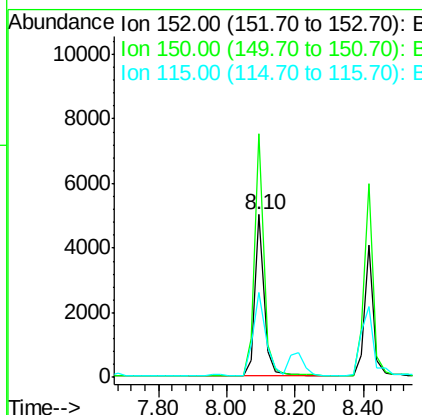
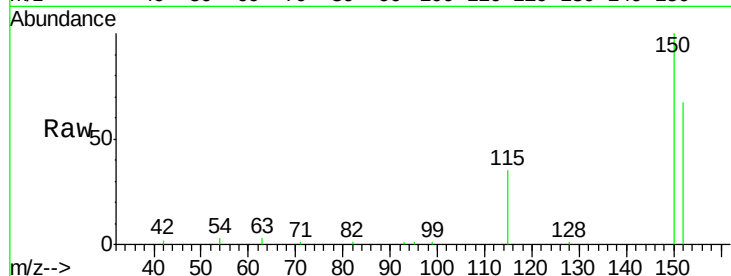
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Instrument :
BNA_E
ClientSampleId :
CPS093051

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	106.0	159.0
115	52.0	31.2	46.8

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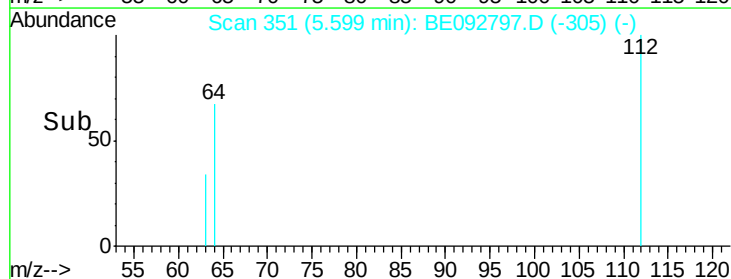
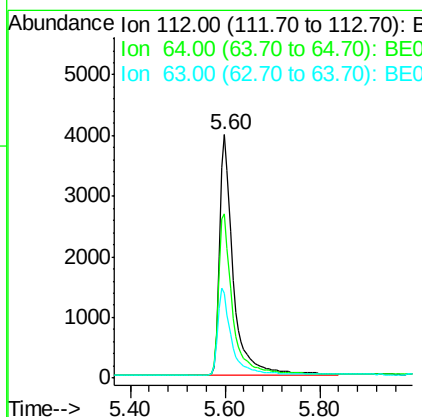
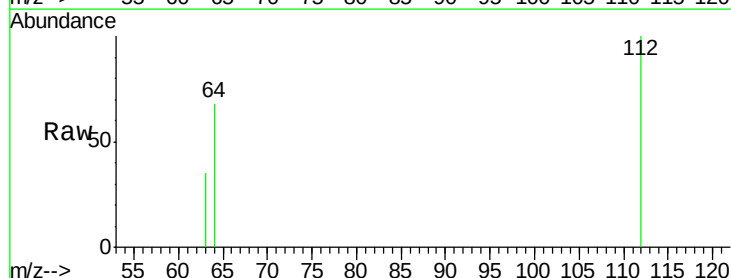
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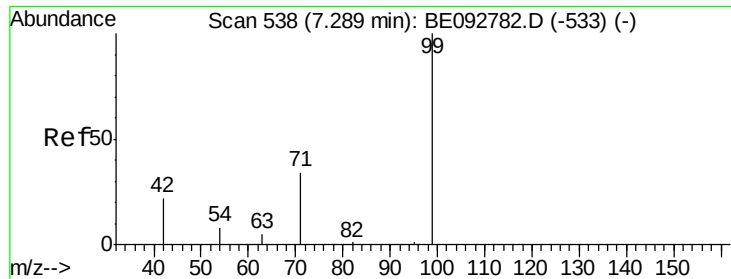


#4

2-Fluorophenol
Concen: 4.24 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	36.3	27.9	41.9





#5

Phenol-d6

Concen: 2.62 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092797.D

Acq: 6 Mar 2017 21:25

Instrument :

BNA_E

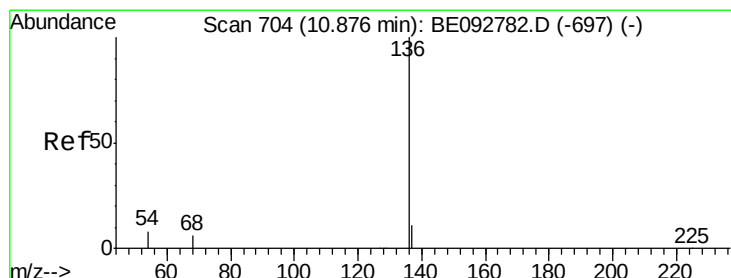
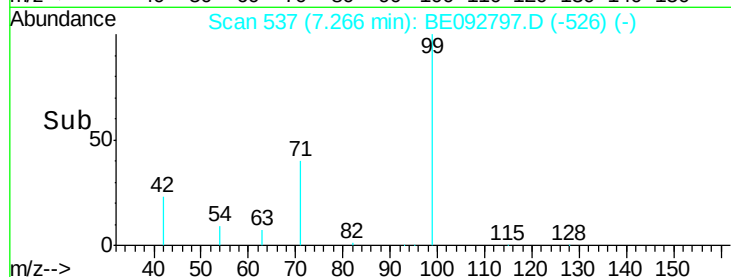
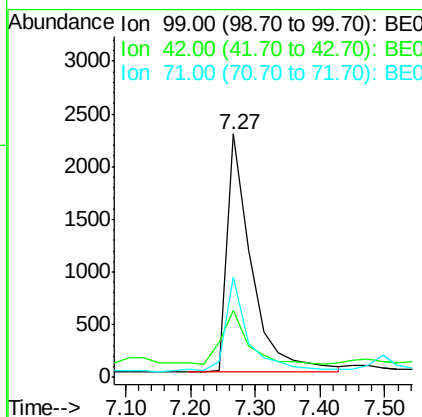
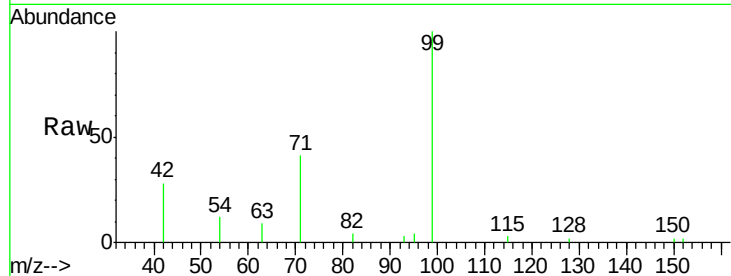
ClientSampleId :

CPS093051

Tot Ion:	99	Resp:	5994
Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.0	24.0
71	37.1	30.6	45.8

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#7

Naphthalene-d8

Concen: 5.00 ng

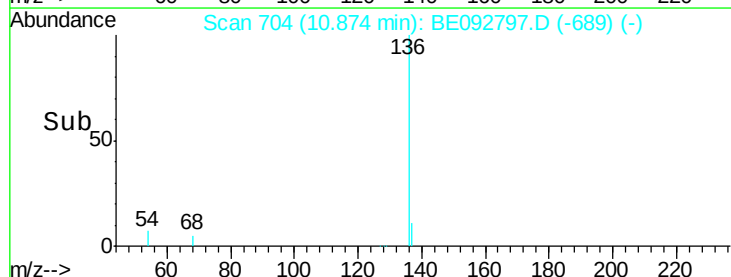
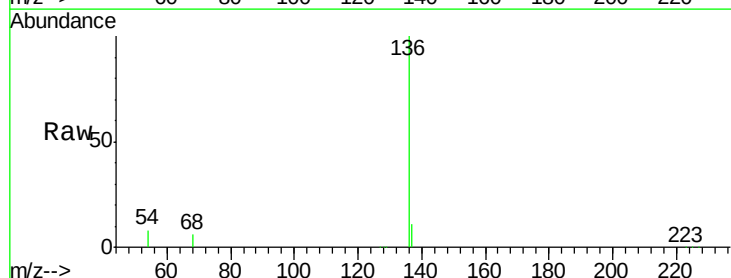
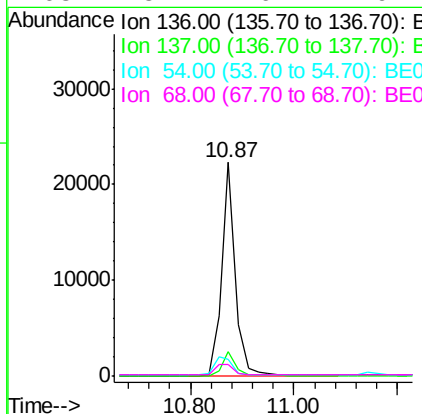
RT: 10.87 min Scan# 704

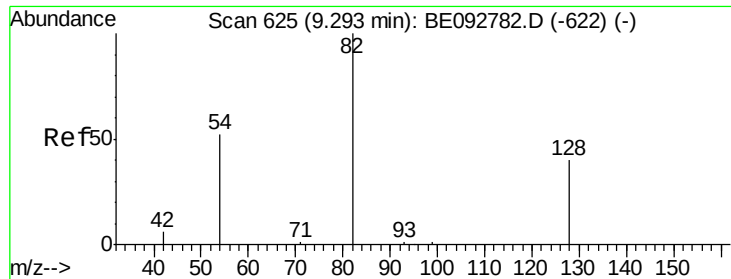
Delta R.T. -0.02 min

Lab File: BE092797.D

Acq: 6 Mar 2017 21:25

Tgt Ion:	136	Resp:	41216
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.6	9.6	14.4#
68	5.7	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 4.89 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092797.D

Acq: 6 Mar 2017 21:25

Instrument :

BNA_E

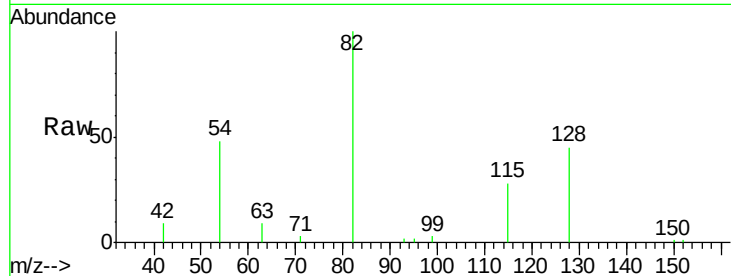
ClientSampleId :

CPS093051

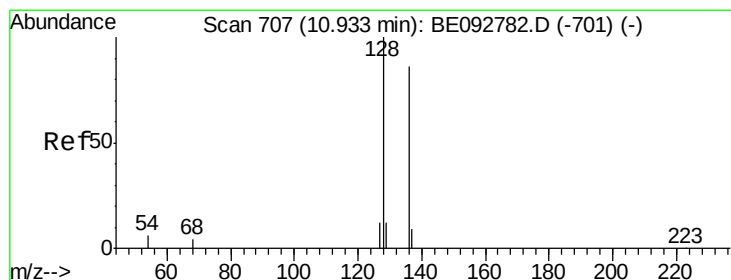
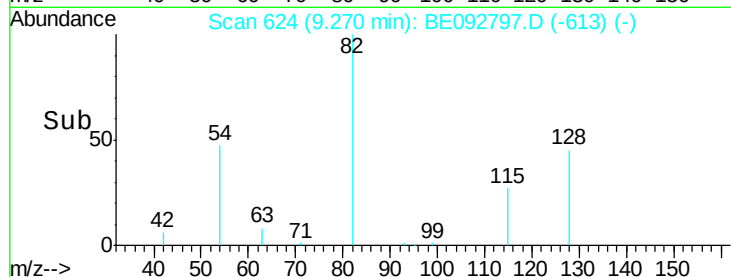
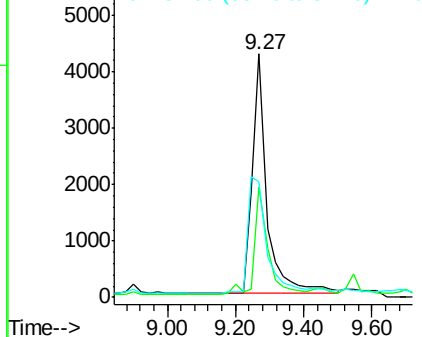
Tot Ion:	82	Resp:	12315
Ion	Ratio	Lower	Upper
82	100		
128	45.5	39.0	58.4
54	47.5	44.8	67.2

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 1.00 ng

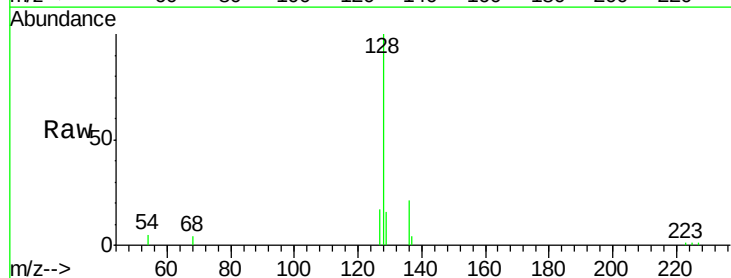
RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

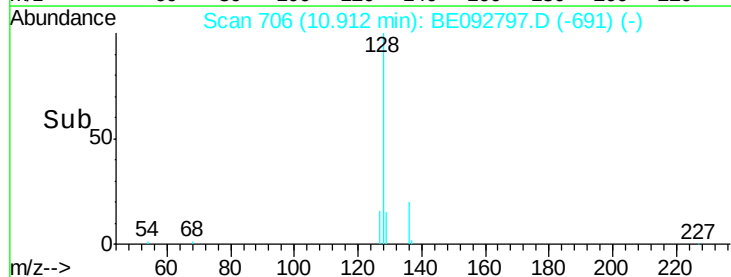
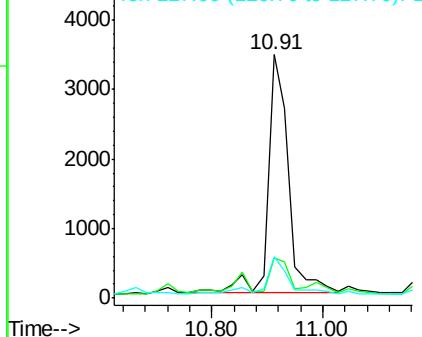
Lab File: BE092797.D

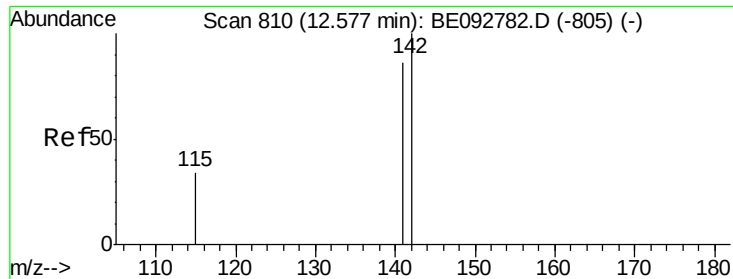
Acq: 6 Mar 2017 21:25

Tgt Ion:	128	Resp:	8803
Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.2	16.8
127	17.2	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene

Concen: 4.27 ng

RT: 12.55 min Scan# 808

Delta R.T. -0.04 min

Lab File: BE092797.D

Acq: 6 Mar 2017 21:25

Instrument :

BNA_E

ClientSampleId :

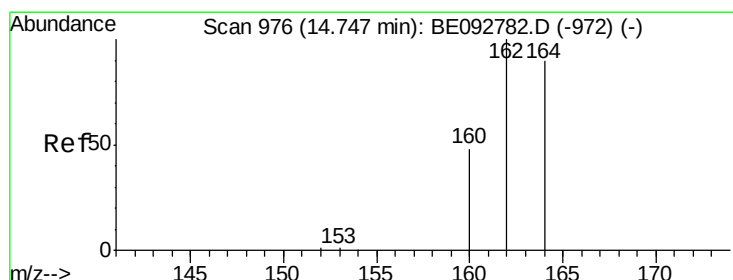
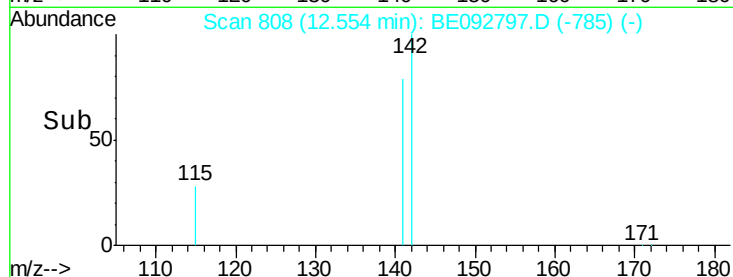
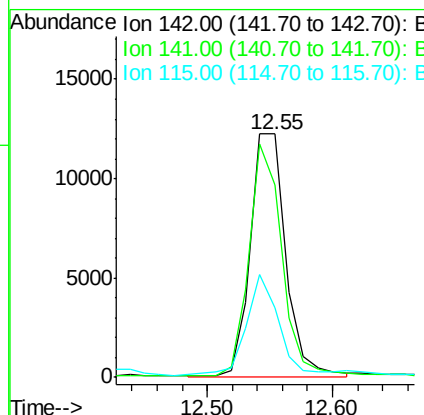
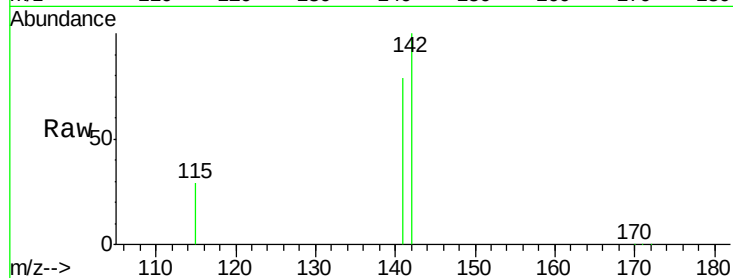
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Tot Ion:142 Resp: 24370

Ion	Ratio	Lower	Upper
142	100		
141	79.1	73.7	110.5
115	28.8	34.0	51.0

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

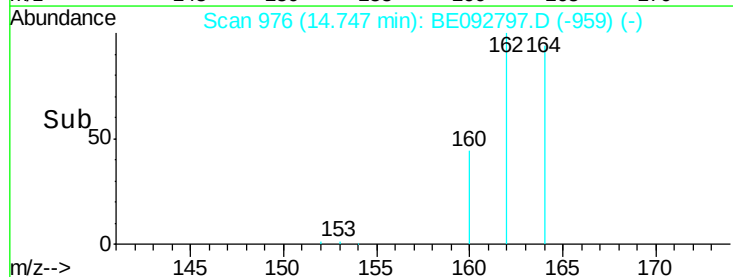
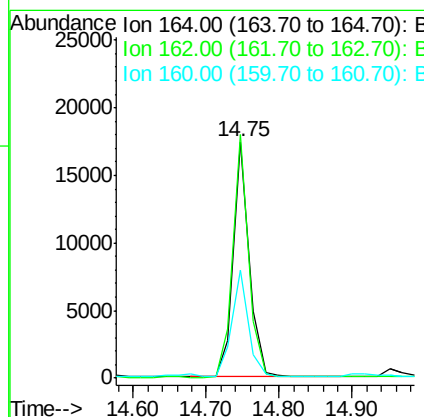
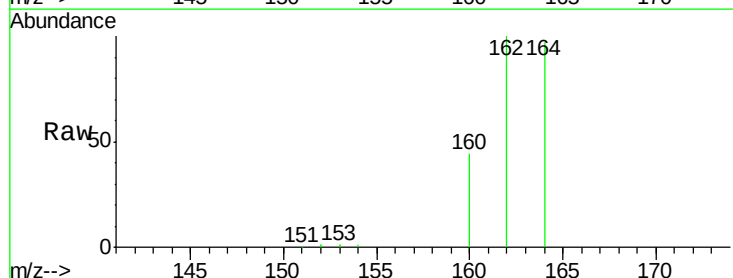
Delta R.T. -0.02 min

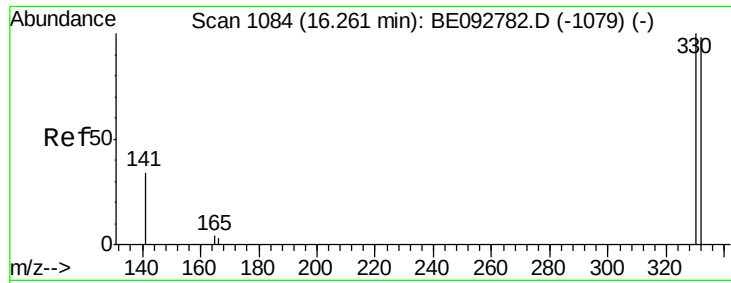
Lab File: BE092797.D

Acq: 6 Mar 2017 21:25

Tgt Ion:164 Resp: 26132

Ion	Ratio	Lower	Upper
164	100		
162	103.1	71.4	107.0
160	45.9	27.4	41.2





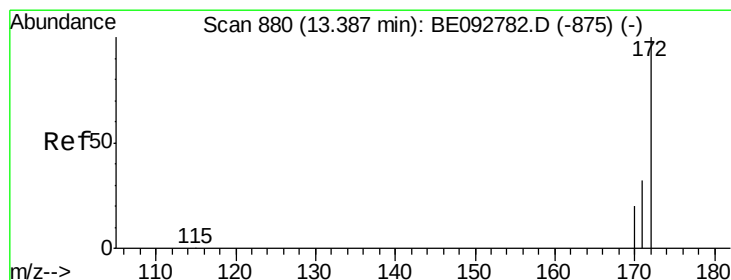
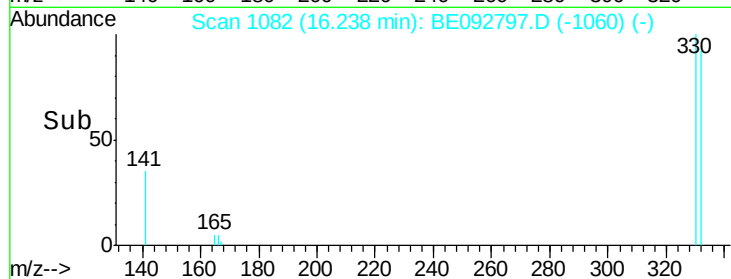
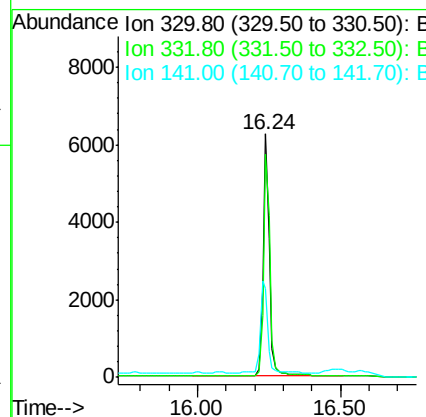
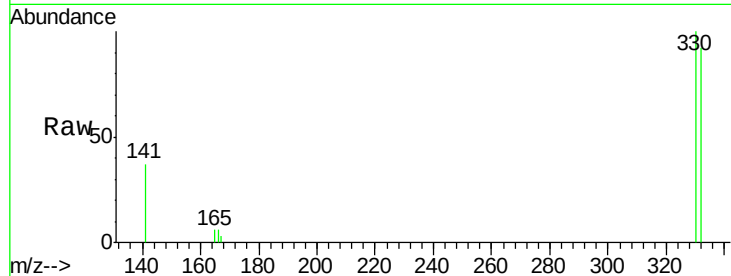
#13
 2,4,6-Tribromophenol
 Concen: 13.84 ng
 RT: 16.24 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.0
141	45.2	31.0	46.6

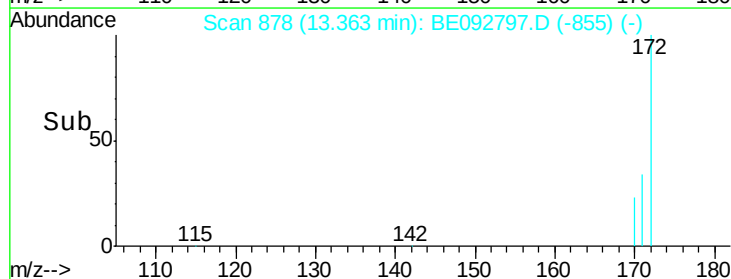
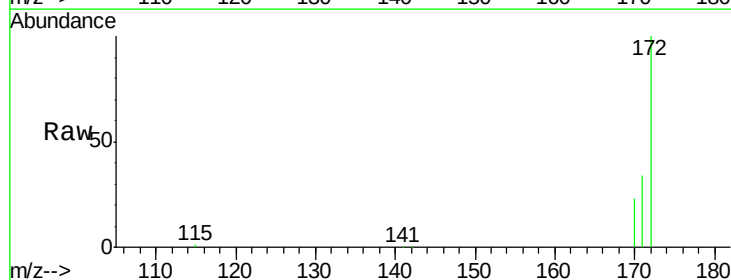
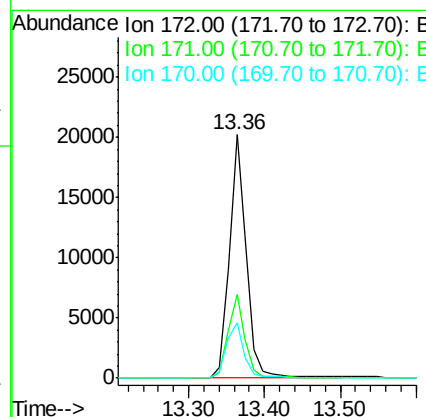
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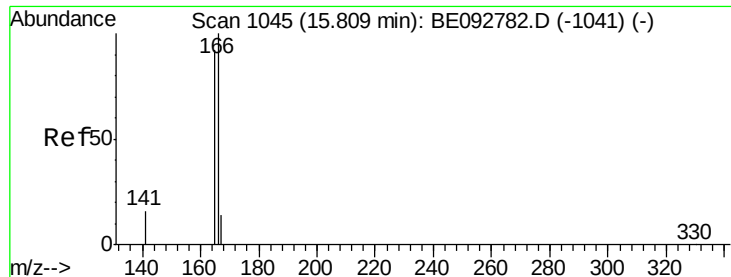
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#14
 2-Fluorobiphenyl
 Concen: 5.13 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.1	45.1
170	22.9	21.8	32.6





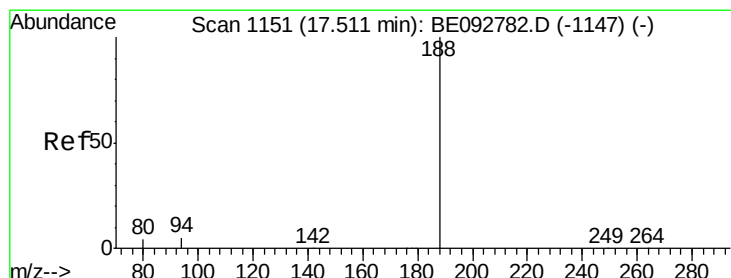
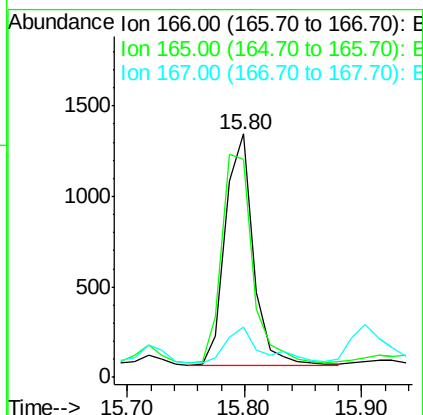
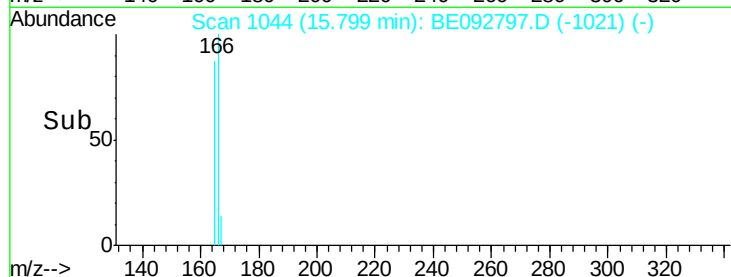
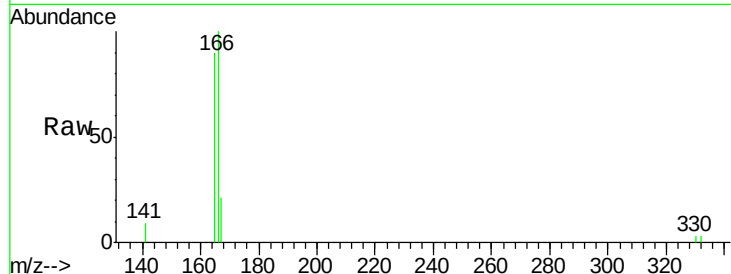
#17
Fluorene
Concen: 0.28 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Instrument :
BNA_E
ClientSampleId :
CPS093051

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.2	117.4
167	20.7	11.0	16.4#

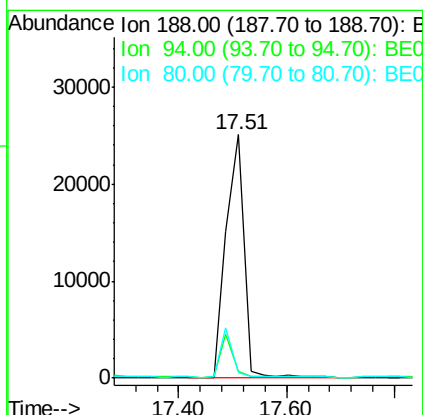
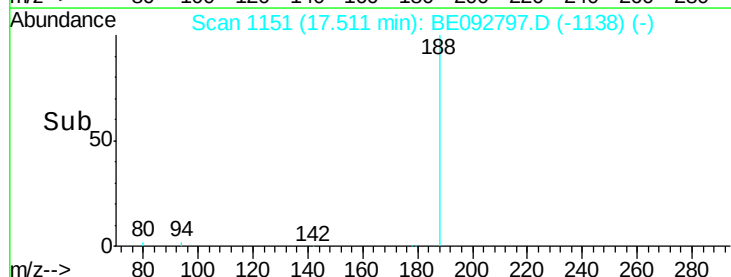
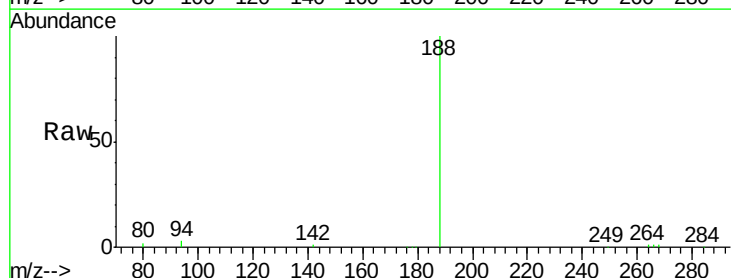
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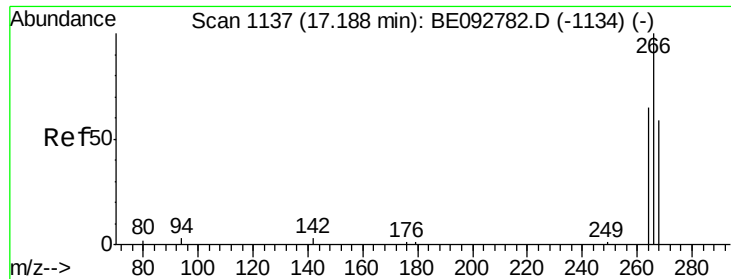
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.7	3.2	4.8#
80	2.1	2.6	3.8#





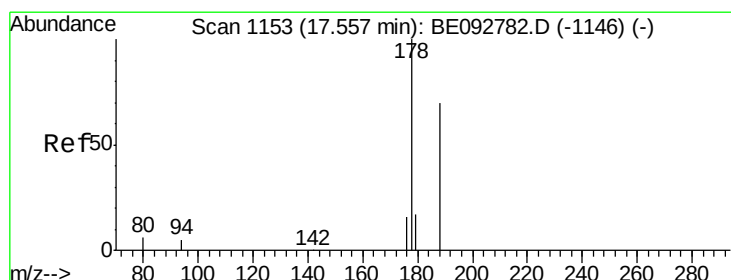
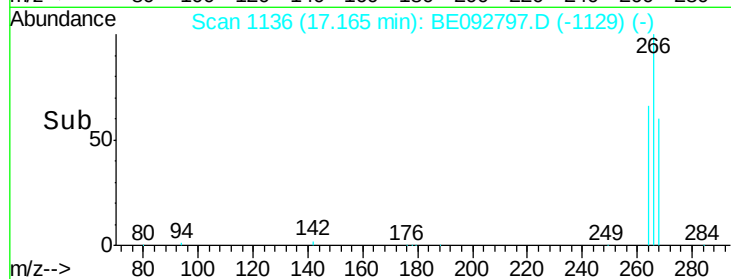
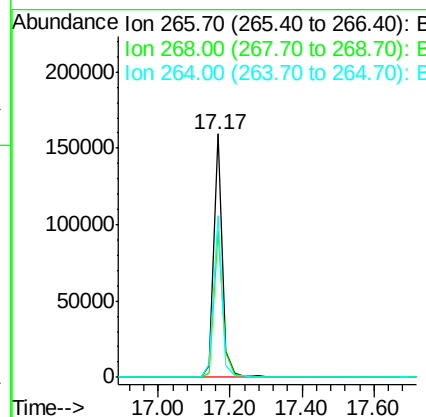
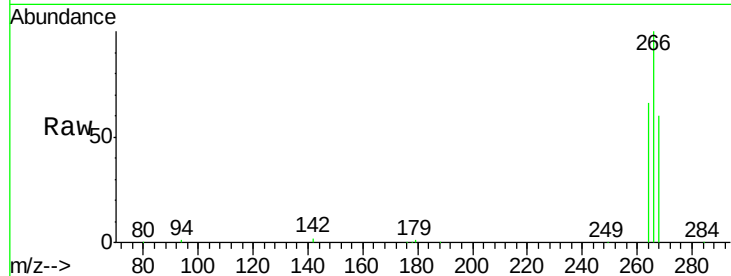
#20
 Pentachlorophenol
 Concen: 313.07 ng
 RT: 17.17 min Scan# 1136
 Delta R.T. -0.14 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051

Tot Ion	Ratio	Resp	Lower	Upper
266	100	267005		
268	59.9	62.5	93.7#	
264	66.3	57.2	85.8	

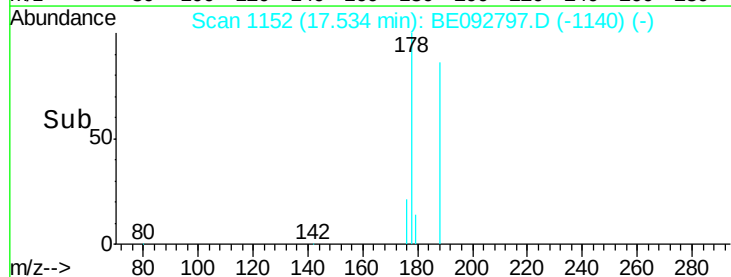
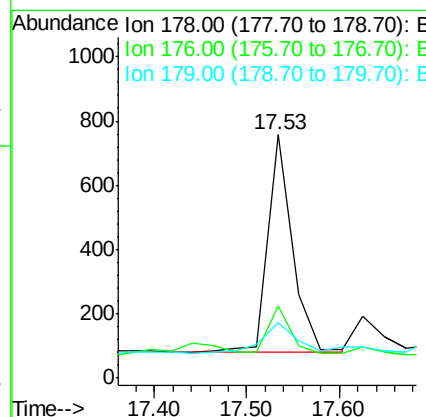
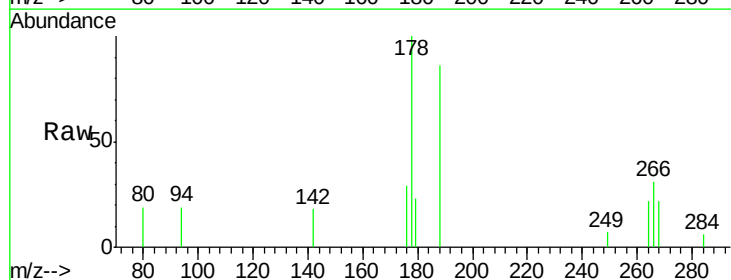
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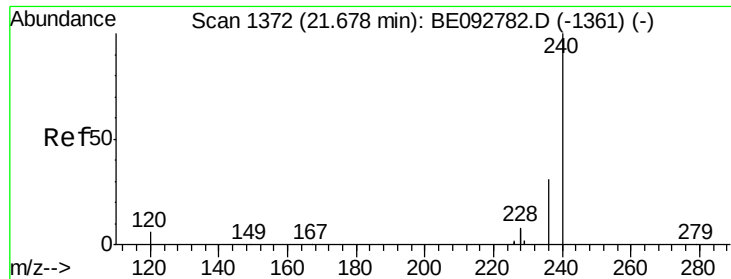
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#21
 Phenanthrene
 Concen: 0.09 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1259		
176	19.0	15.8	23.8	
179	26.1	16.0	24.0#	





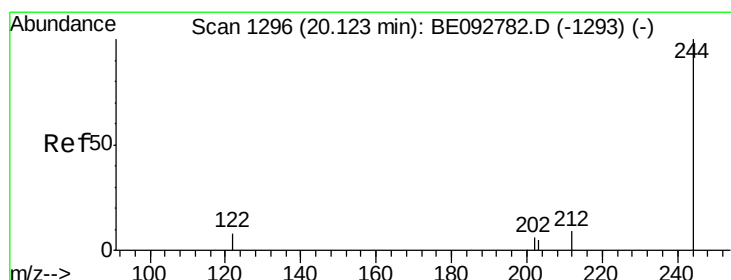
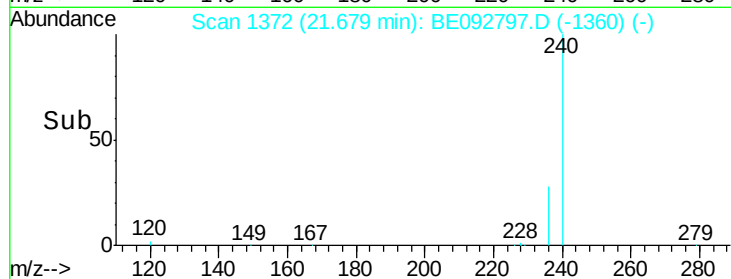
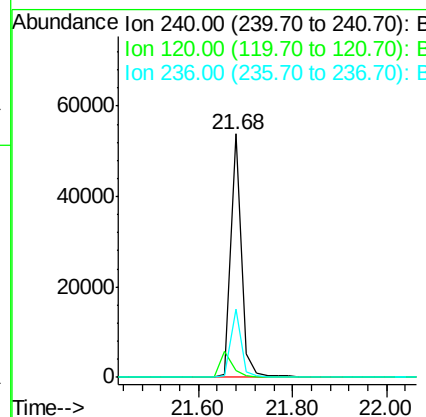
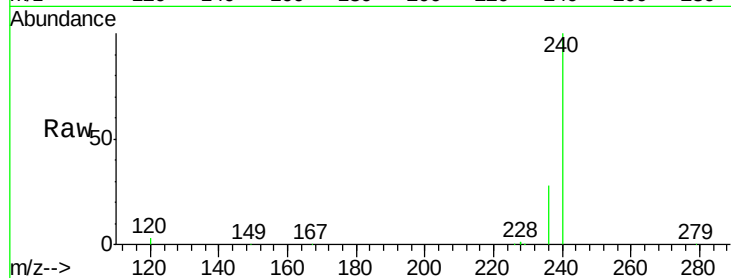
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Instrument :
BNA_E
ClientSampled :
CPS093051

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.6	2.6	4.0#
236	28.3	24.6	37.0

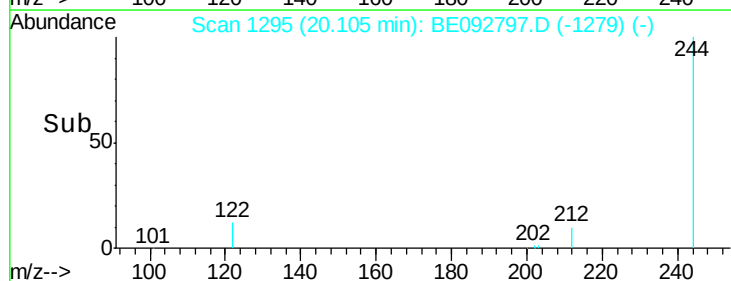
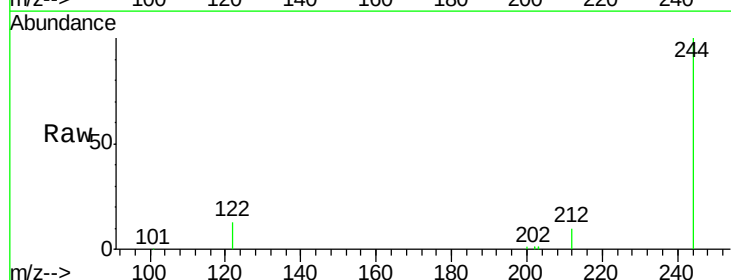
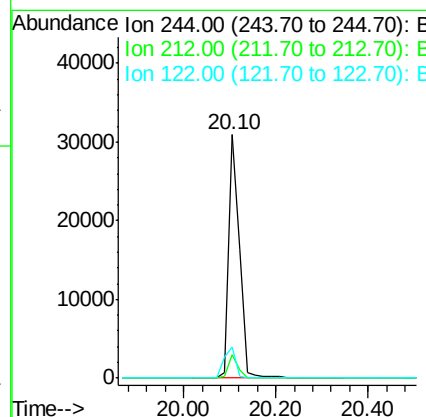
Manual Integrations
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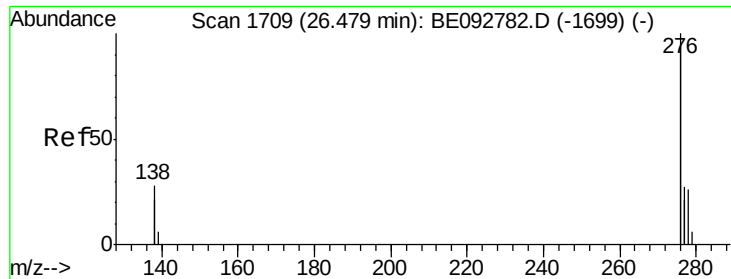
mohammad
3/7/2017 4:23:22 PM



#26
Terphenyl-d14
Concen: 4.98 ng
RT: 20.10 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092797.D
Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.7	10.1
122	12.8	3.6	5.4#





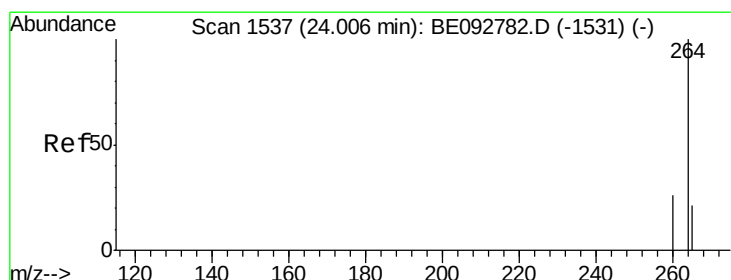
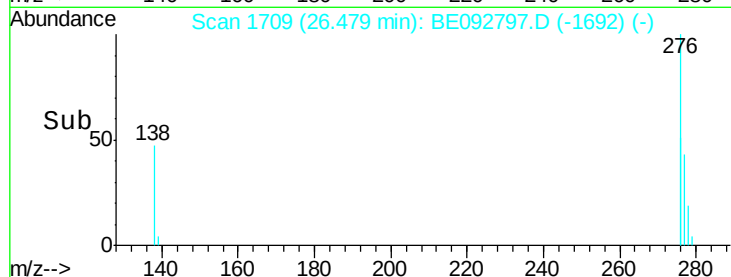
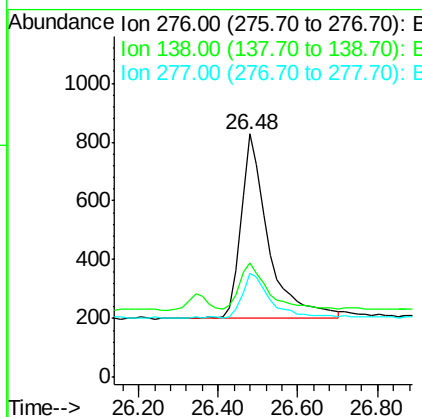
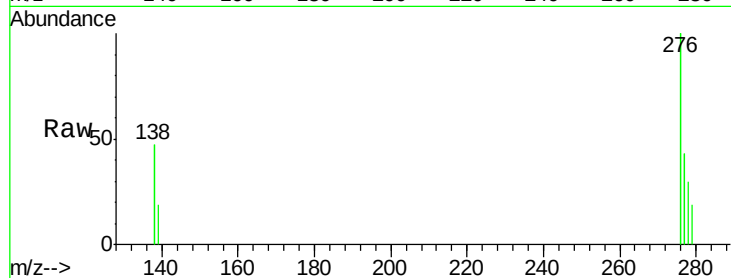
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 26.48 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.3	30.5
277	26.6	19.7	29.5

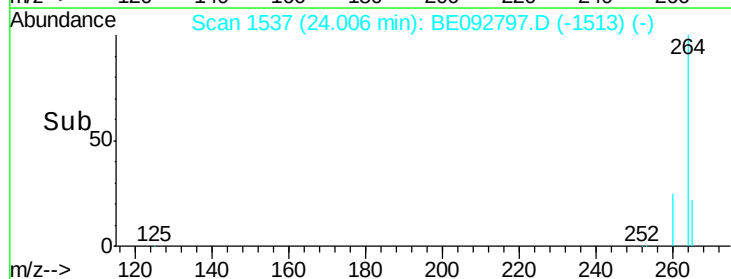
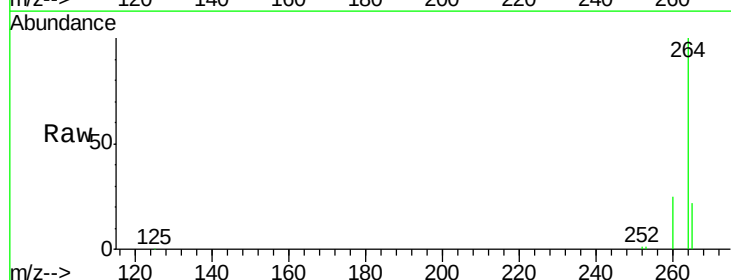
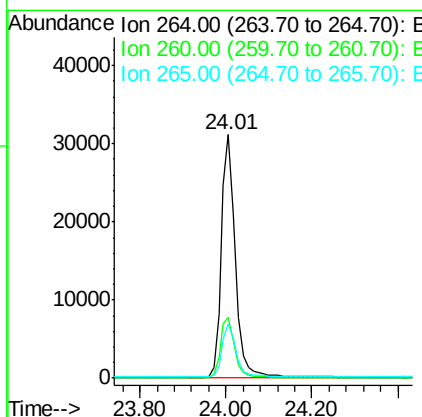
Manual Integrations
 APPROVED

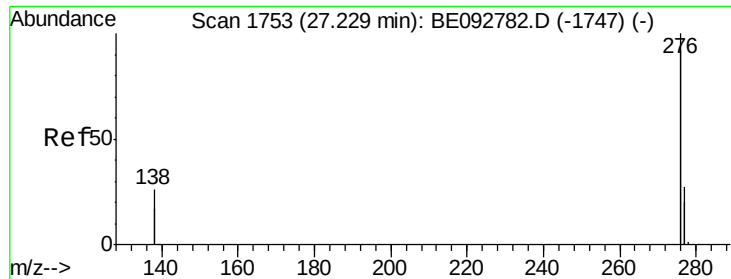
mohammad
 3/7/2017 4:23:22 PM



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.5	17.9	26.9





#36
 Benzo(a,h,i)perylene
 Concen: 0.04 ng
 RT: 27.23 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BE092797.D
 Acq: 6 Mar 2017 21:25

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051

Tot Ion	Ratio	Lower	Upper
276	100		
277	42.4	19.8	29.8#
138	47.1	19.8	29.6#

Manual Integrations
 APPROVED

mohammad
 3/7/2017 4:23:22 PM

