

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092793.D
 Acq On : 6 Mar 2017 18:56
 Operator : SJ/MA
 Sample : PB97289BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BSD

Manual Integrations
 APPROVED

mohammad
 3/7/2017 4:23:10 PM

Quant Time: Mar 07 02:32:28 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	10943	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	45122	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	23589	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	49906	5.00	ng	0.00
24) Chrysene-d12	21.68	240	71458	5.00	ng	-0.02
31) Perylene-d12	24.01	264	58289	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	20096	8.68	ng	-0.03
5) Phenol-d6	7.27	99	25463	9.23	ng	-0.04
8) Nitrobenzene-d5	9.27	82	12032	4.36	ng	-0.04
13) 2,4,6-Tribromophenol	16.24	330	6265	10.09	ng	-0.04
14) 2-Fluorobiphenyl	13.36	172	26616	4.78	ng	-0.04
26) Terphenyl-d14	20.12	244	33047	3.83	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	5007	3.84	ng	# 75
3) n-Nitrosodimethylamine	3.68	42	7257	3.95	ng	95
6) bis(2-Chloroethyl)ether	7.52	93	10727	3.57	ng	# 26
9) Naphthalene	10.91	128	37757	3.91	ng	# 95
10) Hexachlorobutadiene	11.20	225	5740	4.13	ng	99
11) 2-Methylnaphthalene	12.54	142	24675	3.95	ng	97
15) Acenaphthylene	14.46	152	156975	4.33	ng	100
16) Acenaphthene	14.80	154	23510	4.63	ng	94
17) Fluorene	15.80	166	30948	4.49	ng	100
19) Hexachlorobenzene	16.82	284	8620	4.22	ng	# 67
20) Pentachlorophenol	17.16	266	7107	9.60	ng	# 85
21) Phenanthrene	17.53	178	50850	4.25	ng	# 94
22) Anthracene	17.63	178	49138	4.07	ng	99
23) Fluoranthene	19.54	202	230494	3.95	ng	99
25) Pyrene	19.90	202	238668	3.69	ng	99
27) Benzo(a)anthracene	21.65	228	272715m	3.69	ng	
28) Chrysene	21.70	228	245859m	3.75	ng	
29) Bis(2-ethylhexyl)phthalate	21.59	149	19988	3.20	ng	# 71
30) Indeno(1,2,3-cd)pyrene	26.45	276	304932	4.30	ng	96
32) Benzo(b)fluoranthene	23.28	252	61329	3.95	ng	95
33) Benzo(k)fluoranthene	23.34	252	69569	4.45	ng	95
34) Benzo(a)pyrene	23.89	252	61110	4.33	ng	94
35) Dibenzo(a,h)anthracene	26.46	278	64928	4.81	ng	96
36) Benzo(g,h,i)perylene	27.20	276	262879	4.55	ng	98

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

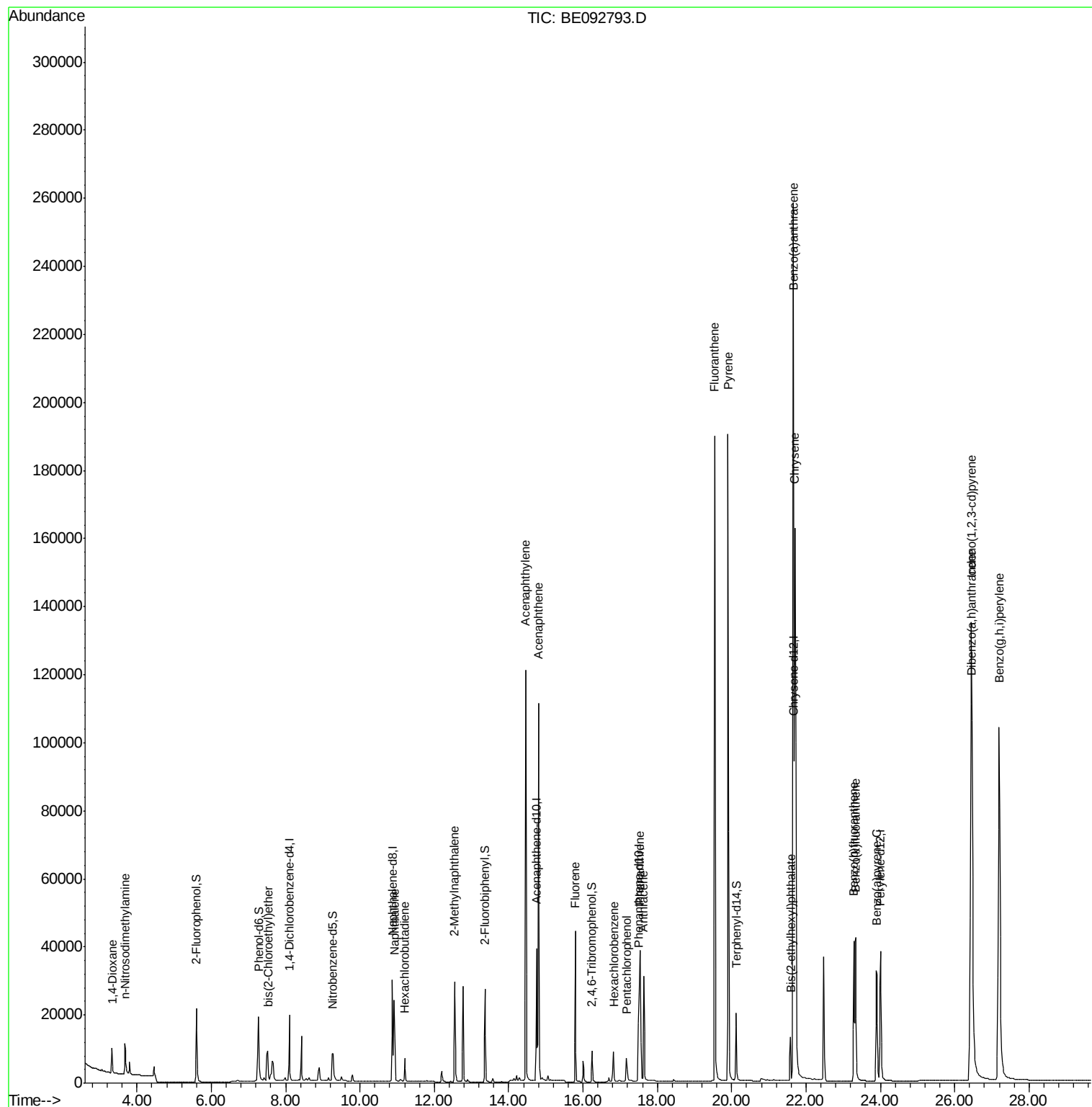
Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
Data File : BE092793.D
Acq On : 6 Mar 2017 18:56
Operator : SJ/MA
Sample : PB97289BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

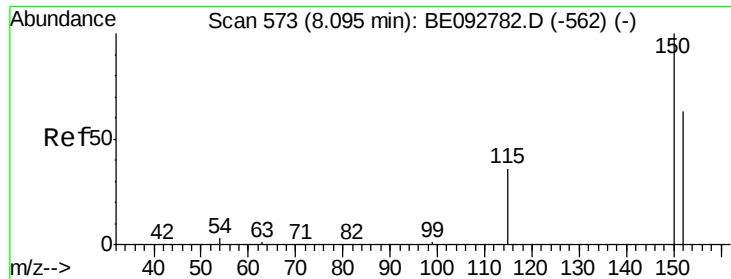
Instrument :
BNA_E
ClientSampleId :
PB97289BSD

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QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

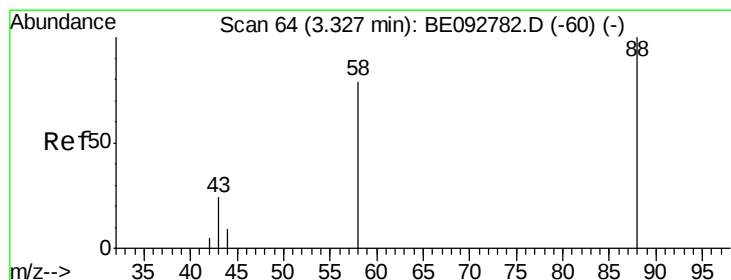
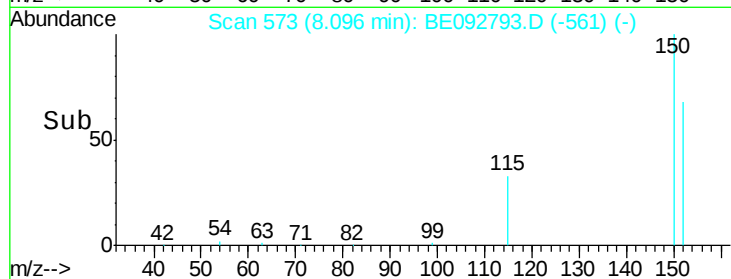
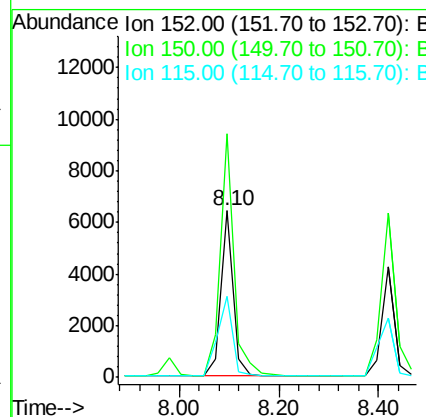
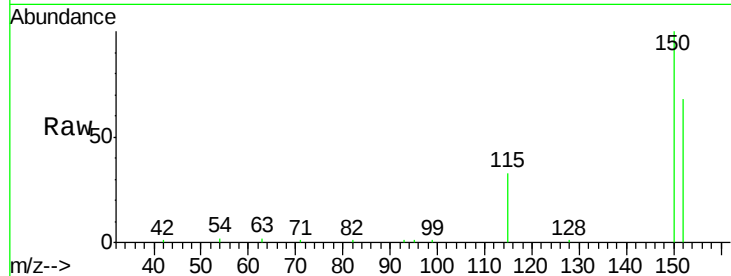
ClientSampleId :

PB97289BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	106.0	159.0
115	48.8	31.2	46.8

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#2

1,4-Dioxane

Concen: 3.84 ng

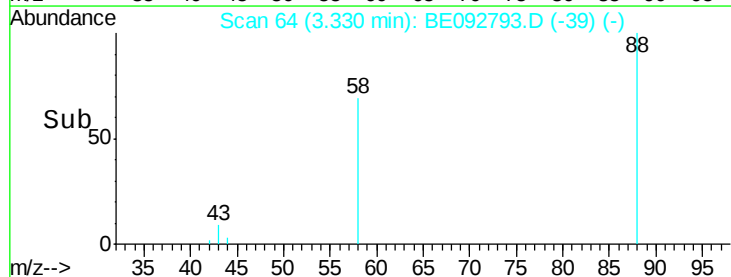
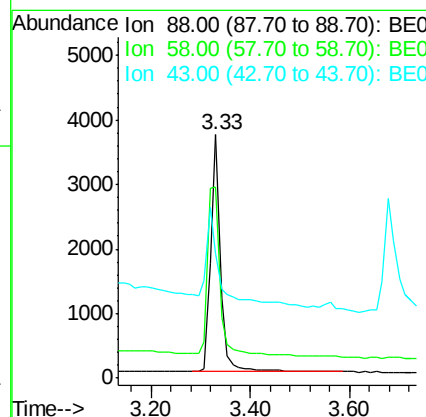
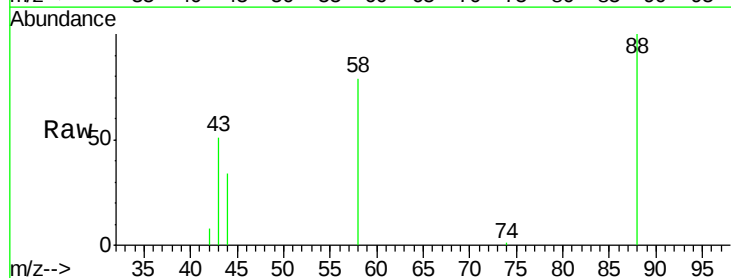
RT: 3.33 min Scan# 64

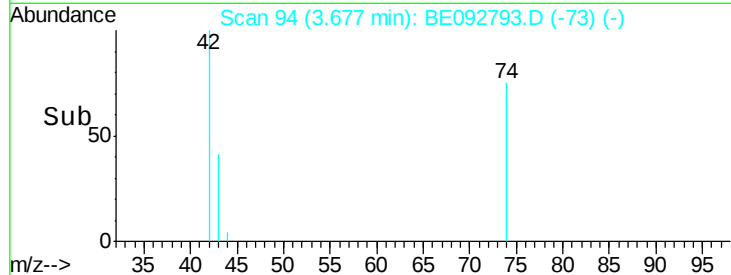
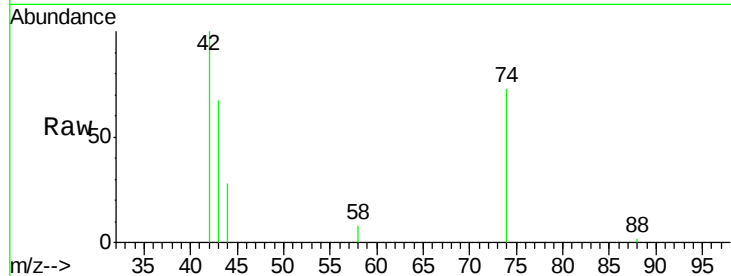
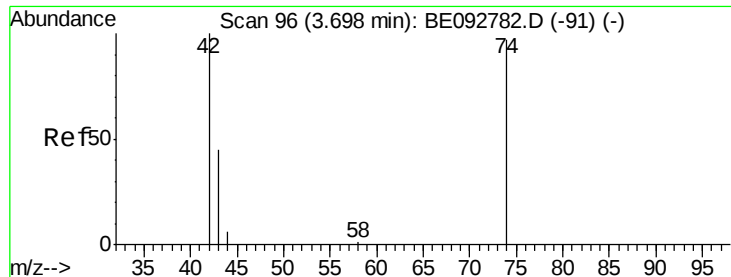
Delta R.T. -0.01 min

Lab File: BE092793.D

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Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	63.6	95.4
43	59.3	28.0	42.0





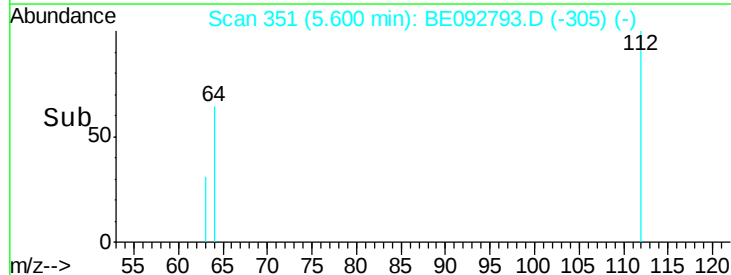
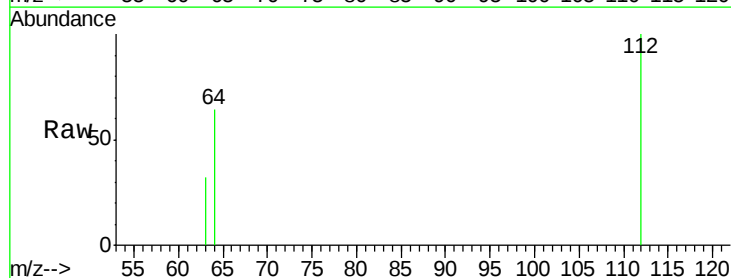
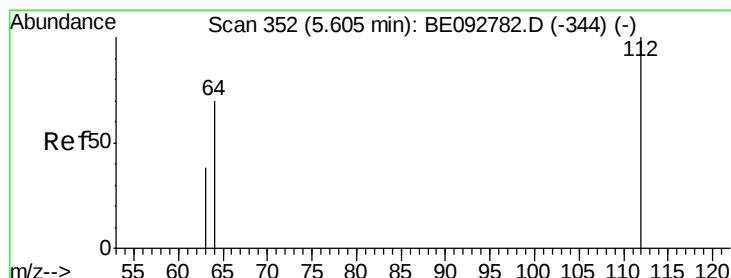
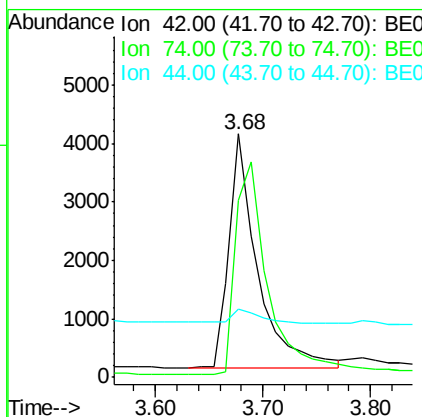
#3
n-Nitrosodimethylamine
Concen: 3.95 ng
RT: 3.68 min Scan# 94
Delta R.T. -0.06 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tot Ion:	42	Resp:	7257
Ion	Ratio	Lower	Upper
42	100		
74	113.2	86.0	129.0
44	6.6	5.1	7.7

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

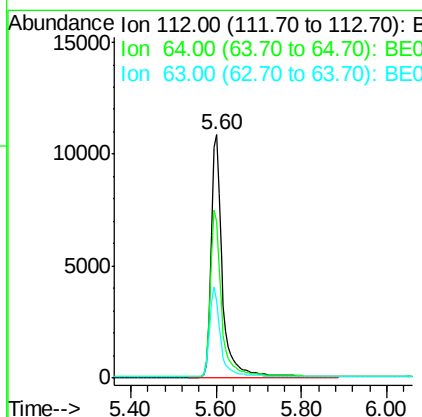
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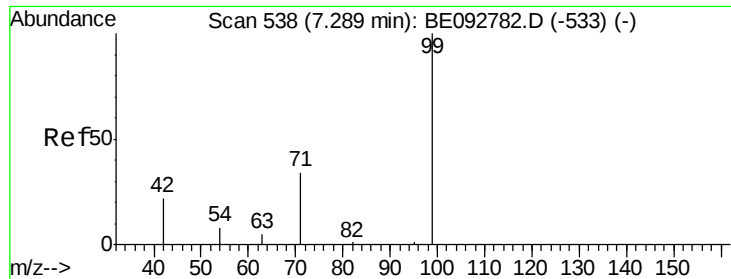
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#4
2-Fluorophenol
Concen: 8.68 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:	112	Resp:	20096
Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.5	80.3
63	36.7	27.9	41.9





#5

Phenol-d6

Concen: 9.23 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

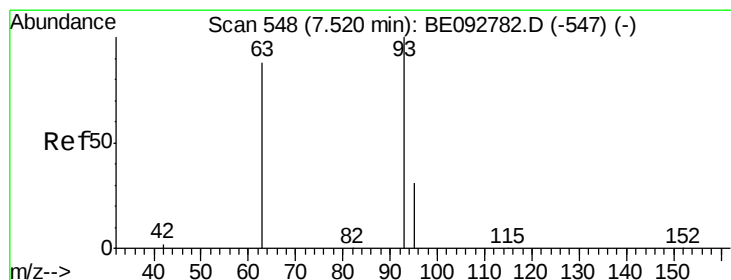
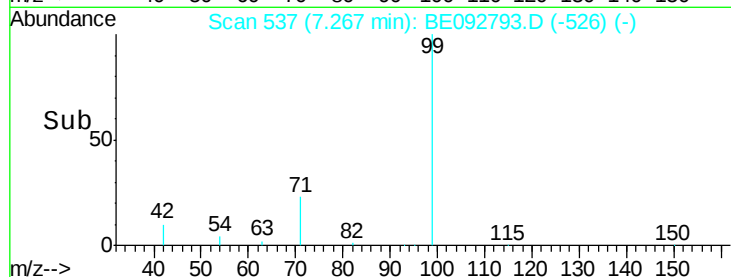
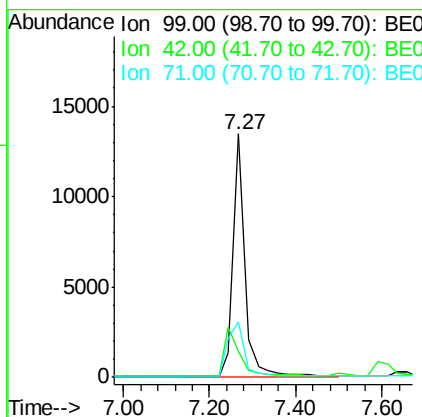
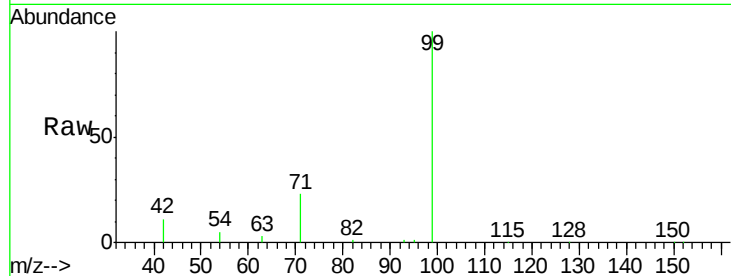
ClientSampleId :

PB97289BSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	25463		
42	0.0	16.0	24.0#	
71	32.8	30.6	45.8	

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#6

bis(2-Chloroethyl)ether

Concen: 3.57 ng

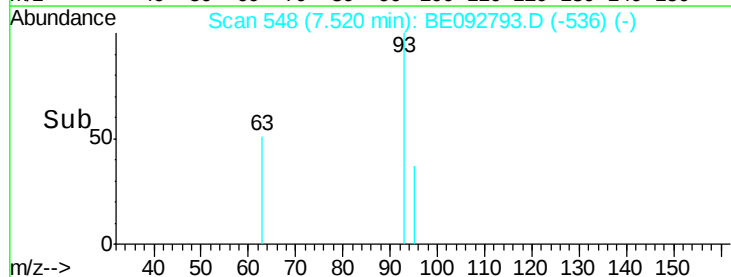
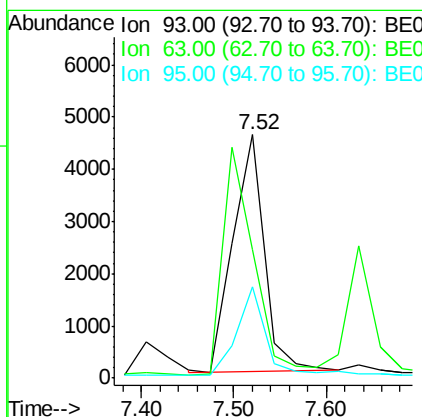
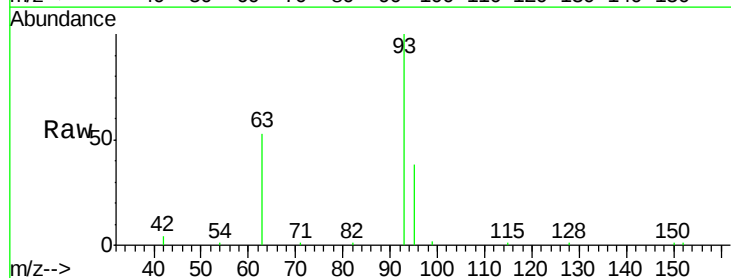
RT: 7.52 min Scan# 548

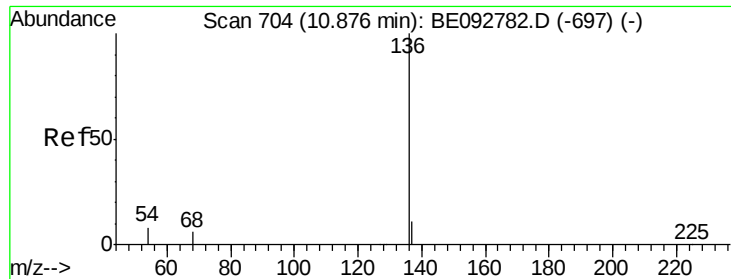
Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	10727		
63	0.0	71.6	107.4#	
95	35.7	24.0	36.0	





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

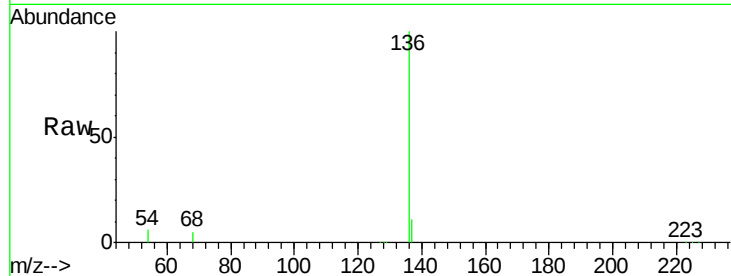
ClientSampleId :

PB97289BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	45122		
137	11.5	8.2	12.4	
54	6.2	9.6	14.4	
68	4.8	6.7	10.1	

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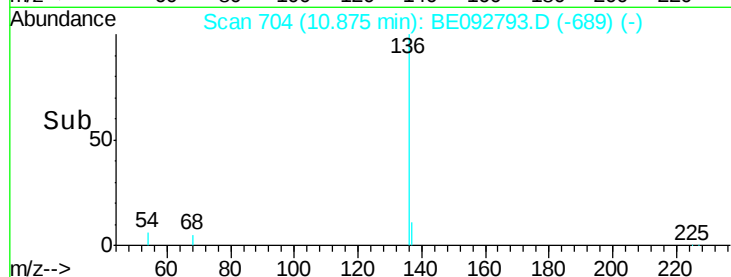
Abundance Ion 136.00 (135.70 to 136.70): BE092782.D (-697) (-)

Ion 137.00 (136.70 to 137.70): BE092782.D (-697) (-)

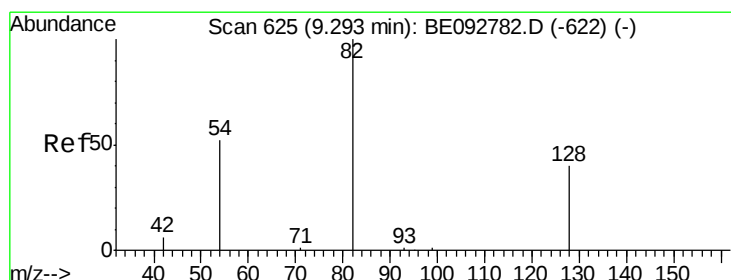
Ion 54.00 (53.70 to 54.70): BE092782.D (-697) (-)

Ion 68.00 (67.70 to 68.70): BE092782.D (-697) (-)

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 4.36 ng

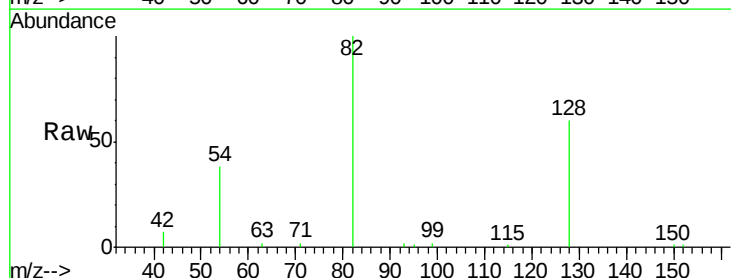
RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	12032		
128	60.1	39.0	58.4	
54	37.7	44.8	67.2	

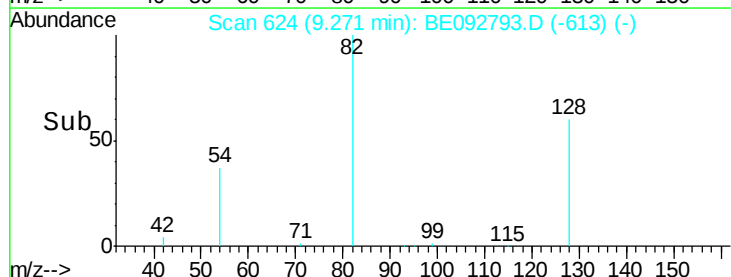


Abundance Ion 82.00 (81.70 to 82.70): BE092782.D (-622) (-)

Ion 128.00 (127.70 to 128.70): BE092782.D (-622) (-)

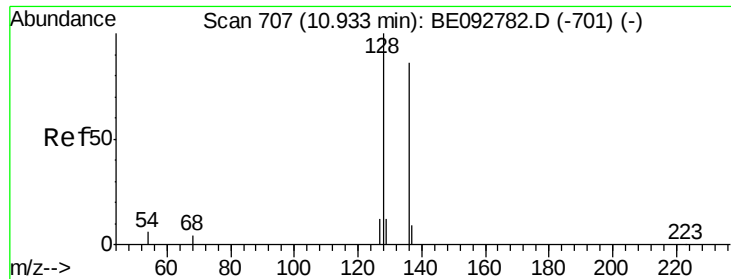
Ion 54.00 (53.70 to 54.70): BE092782.D (-622) (-)

Time-->



Time-->

Time-->



#9

Naphthalene

Concen: 3.91 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

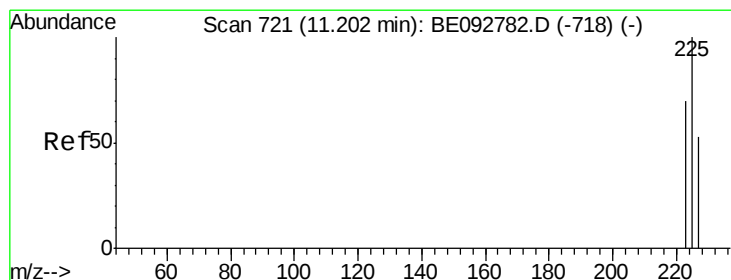
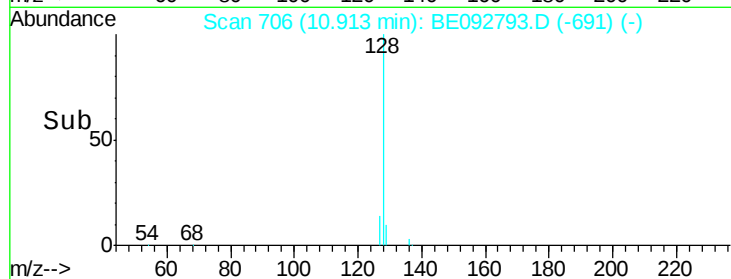
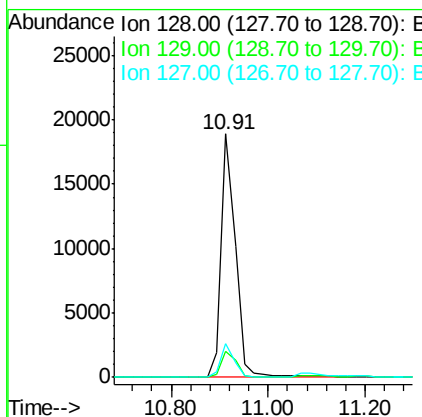
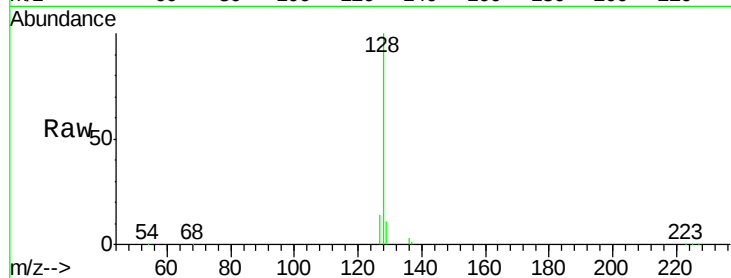
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	11.2	16.8#
127	13.9	11.6	17.4

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#10

Hexachlorobutadiene

Concen: 4.13 ng

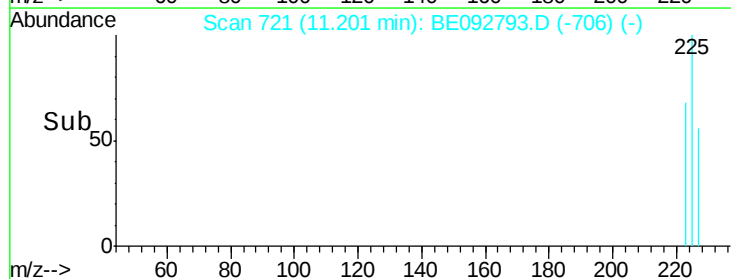
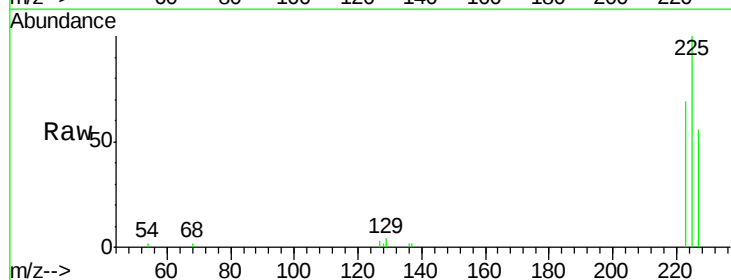
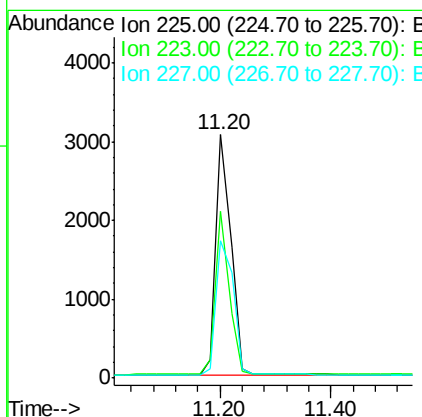
RT: 11.20 min Scan# 721

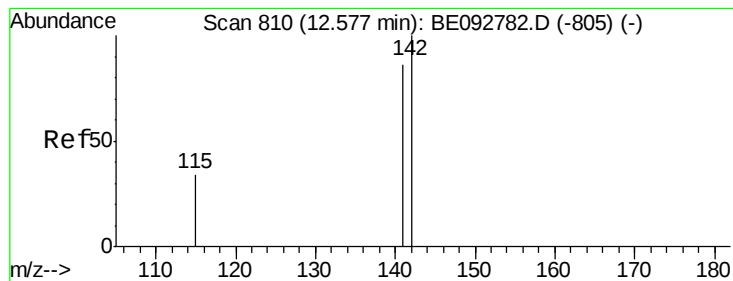
Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.3	51.4	77.0





#11

2-Methylnaphthalene

Concen: 3.95 ng

RT: 12.54 min Scan# 807

Delta R.T. -0.05 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

ClientSampleId :

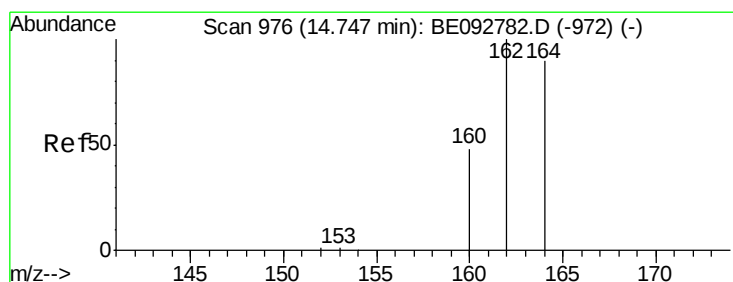
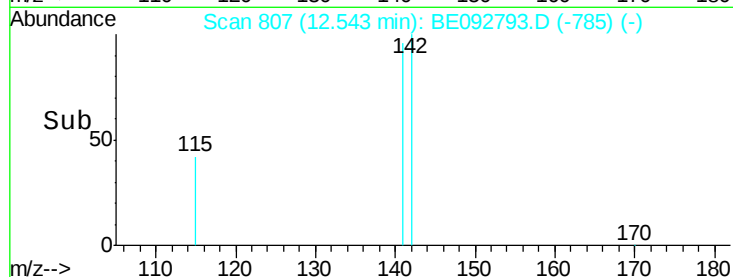
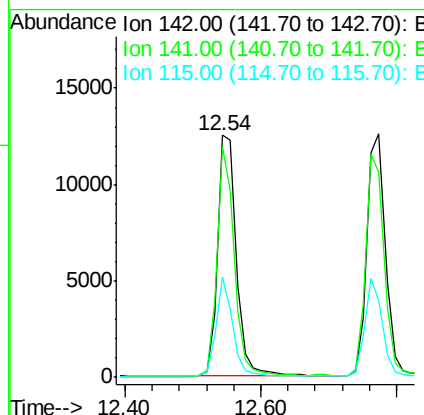
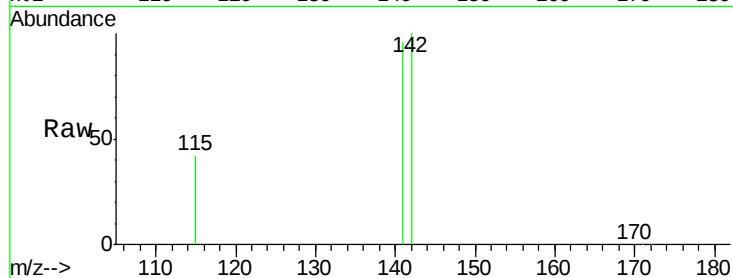
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Tot Ion:142 Resp: 24675

Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.7	110.5
115	41.7	34.0	51.0

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

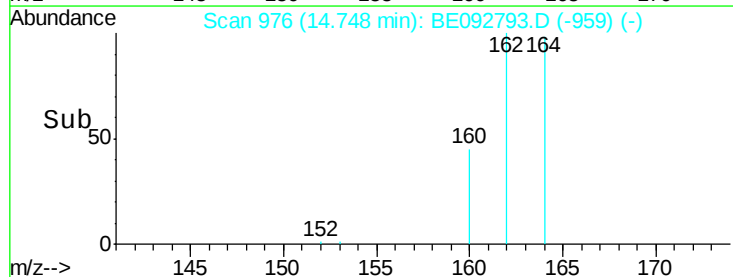
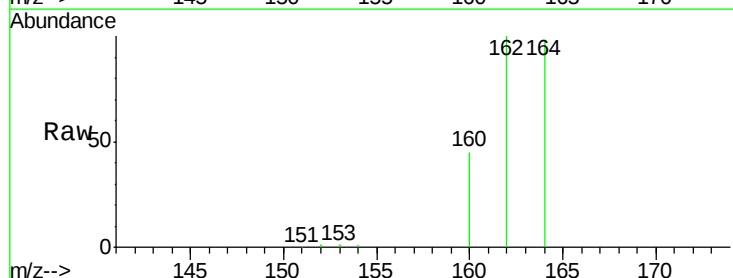
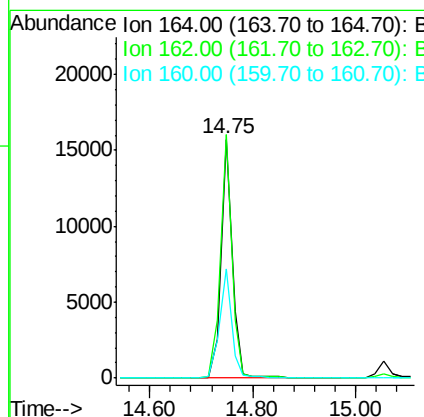
Delta R.T. -0.02 min

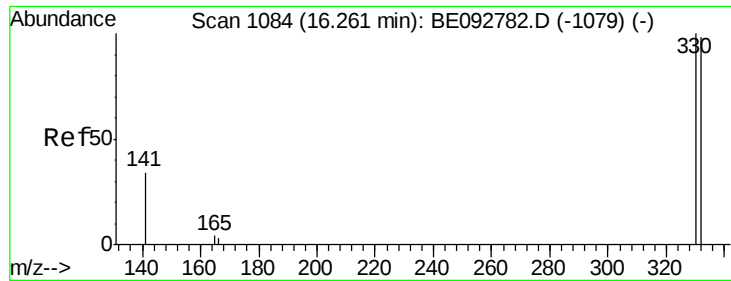
Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Tgt Ion:164 Resp: 23589

Ion	Ratio	Lower	Upper
164	100		
162	102.1	71.4	107.0
160	45.7	27.4	41.2





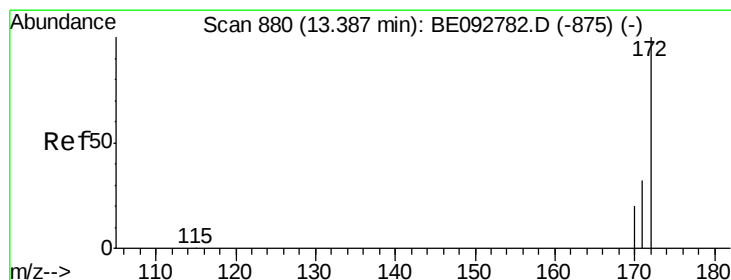
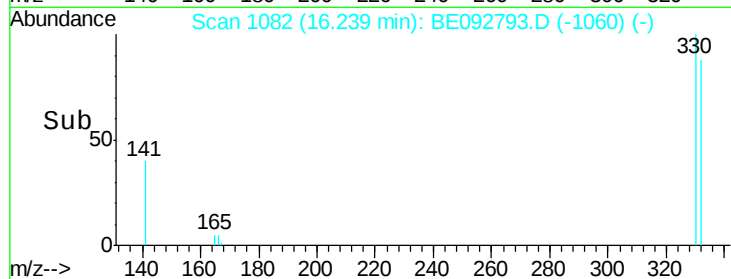
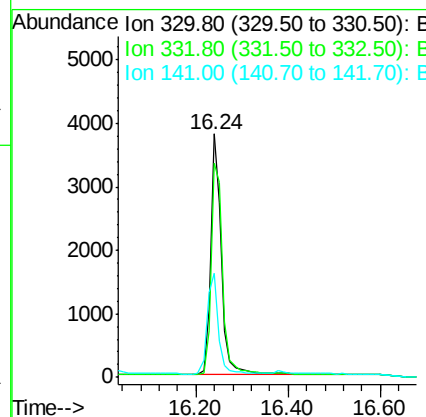
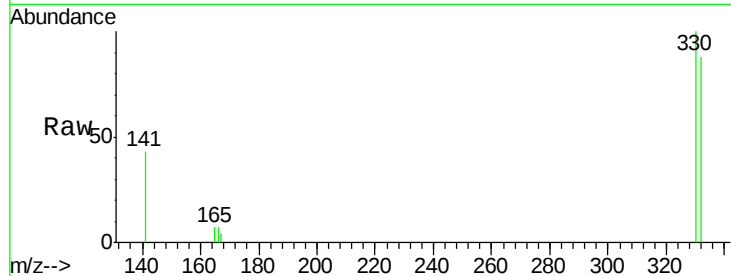
#13
 2,4,6-Tribromophenol
 Concen: 10.09 ng
 RT: 16.24 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BE092793.D
 Acq: 6 Mar 2017 18:56

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BSD

Tot Ion:330 Resp: 6265
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 43.2 31.0 46.6

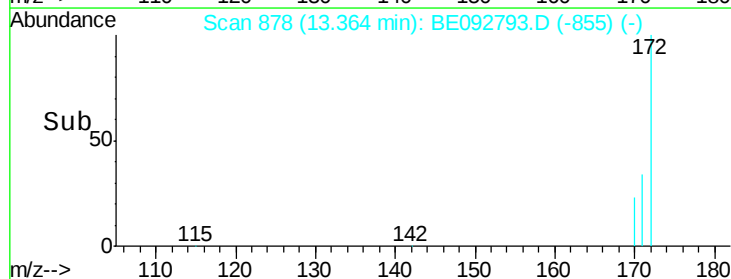
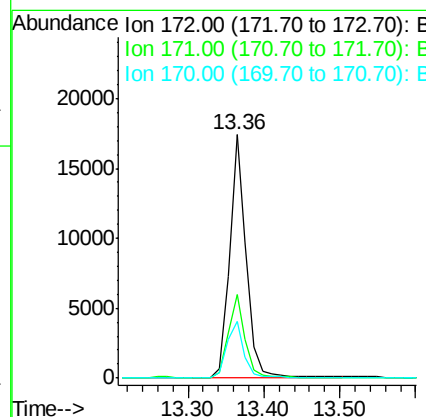
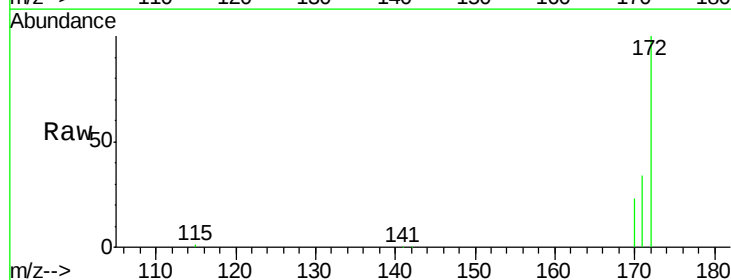
Manual Integrations
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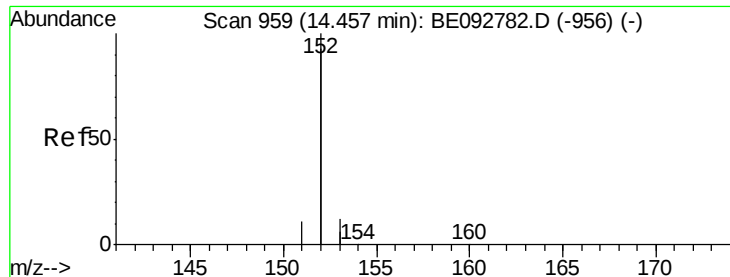
mohammad
 3/7/2017 4:23:10 PM



#14
 2-Fluorobiphenyl
 Concen: 4.78 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092793.D
 Acq: 6 Mar 2017 18:56

Tgt Ion:172 Resp: 26616
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.1 45.1
 170 23.1 21.8 32.6





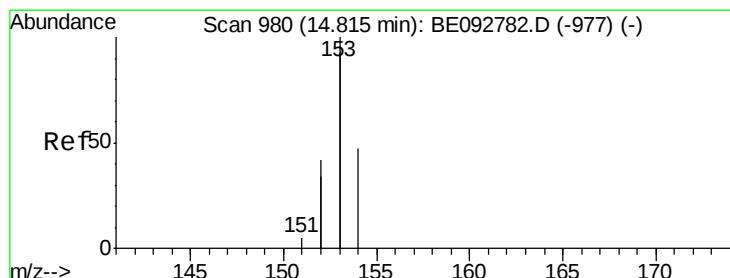
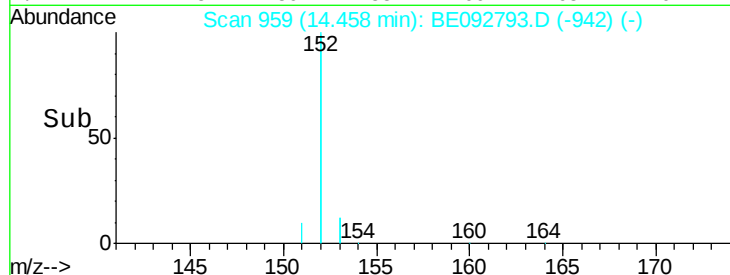
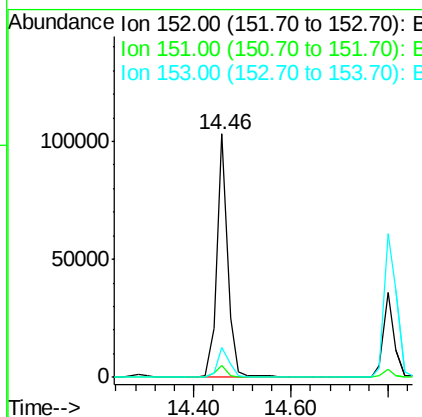
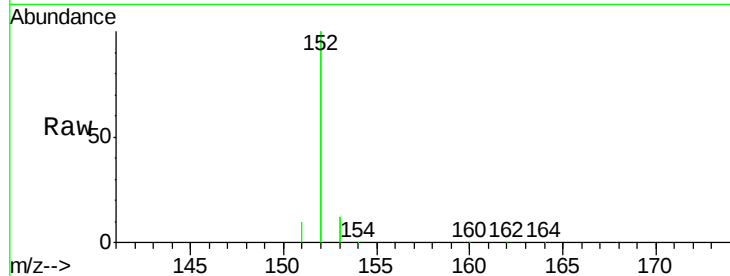
#15
Acenaphthylene
Concen: 4.33 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

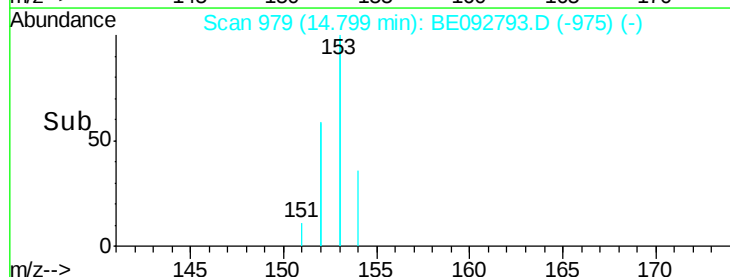
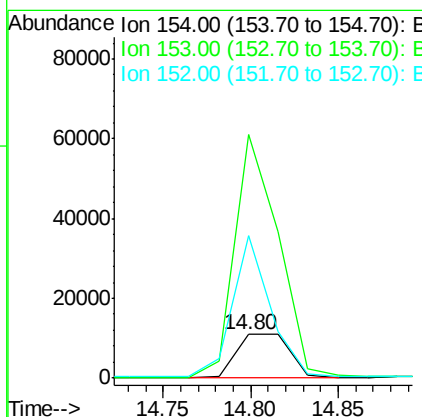
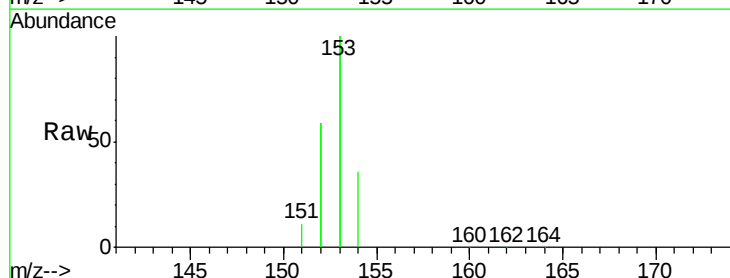
Manual Integrations
APPROVED

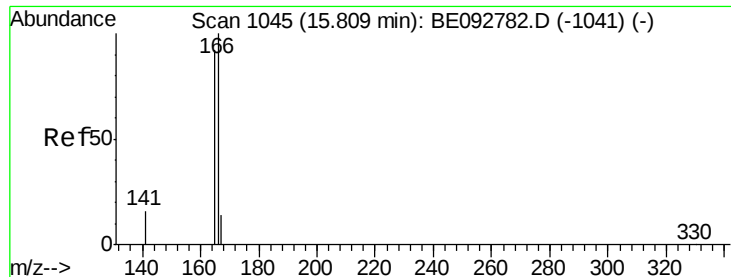
mohammad
3/7/2017 4:23:10 PM



#16
Acenaphthene
Concen: 4.63 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.03 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	451.2	350.8	526.2
152	227.5	171.1	256.7





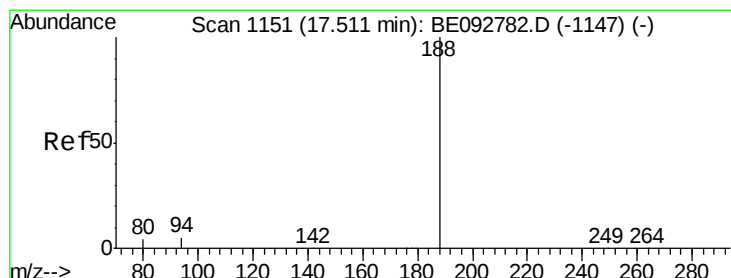
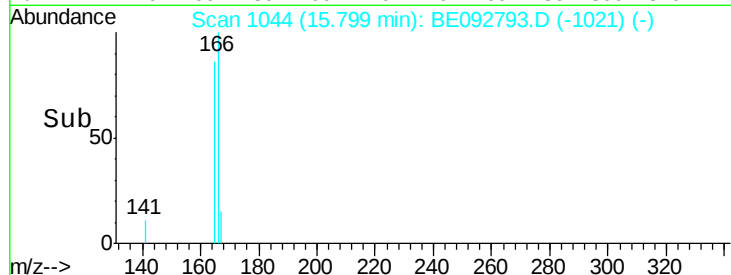
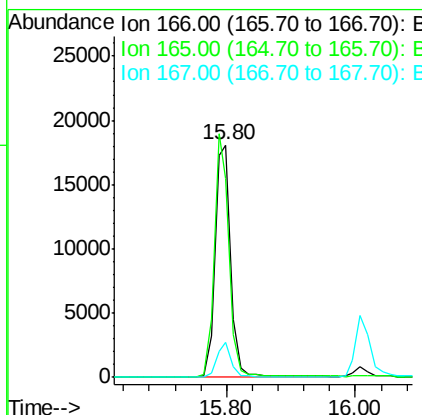
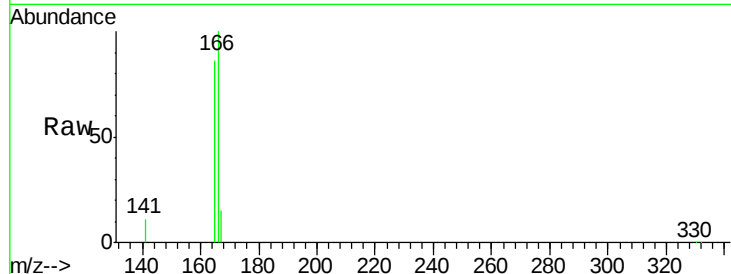
#17
Fluorene
Concen: 4.49 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.4
167	13.3	11.0	16.4

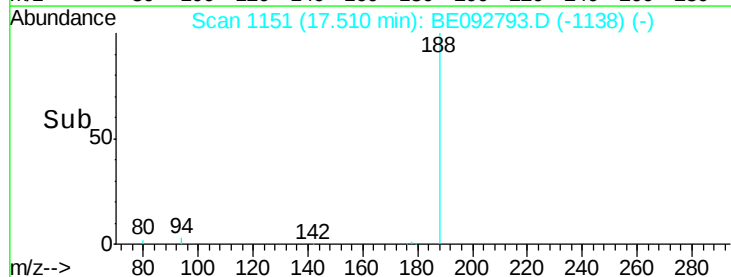
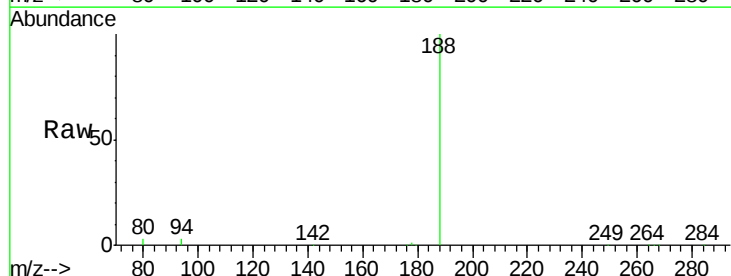
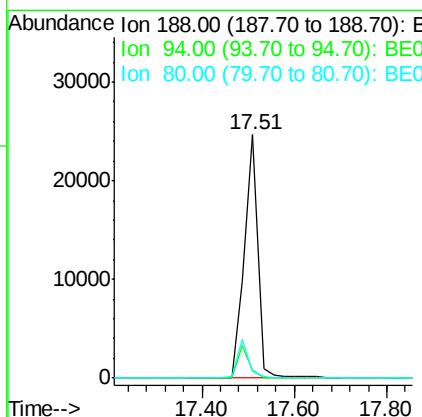
Manual Integrations
APPROVED

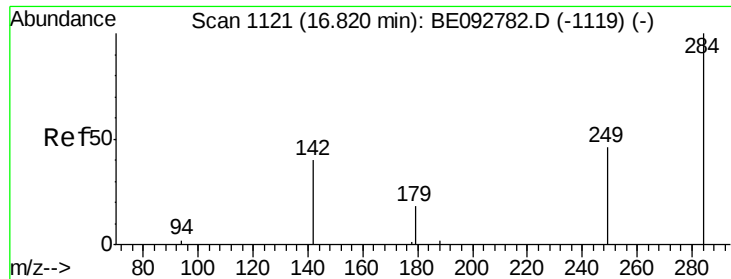
mohammad
3/7/2017 4:23:10 PM



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.2	4.8
80	2.7	2.6	3.8





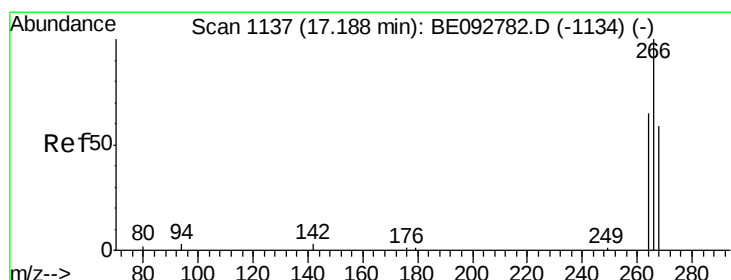
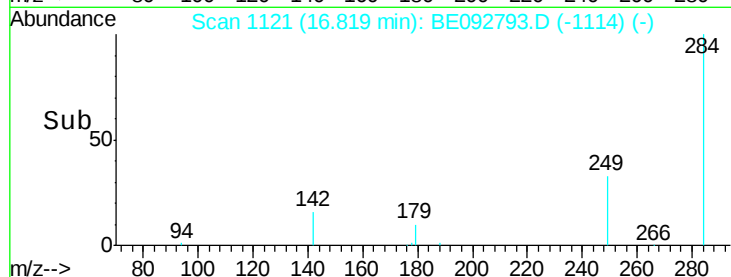
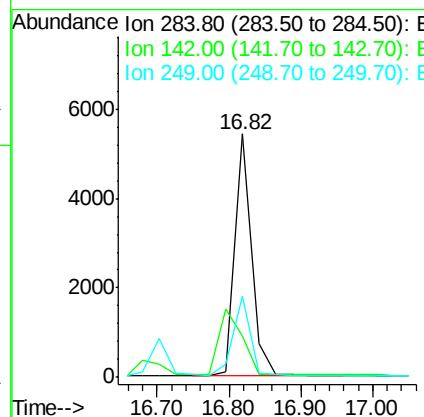
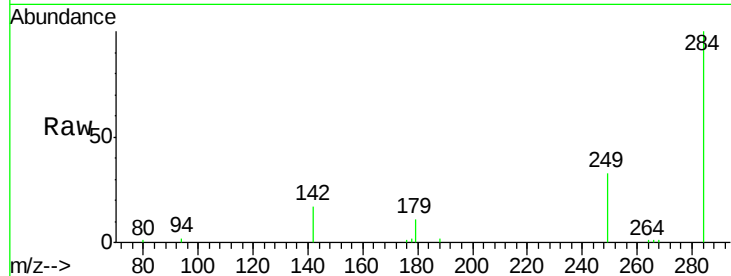
#19
Hexachlorobenzene
Concen: 4.22 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	33.1	27.9	41.9

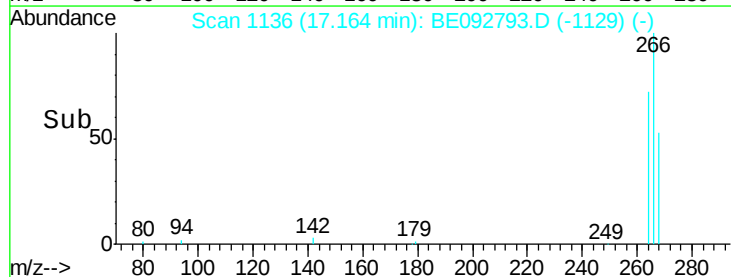
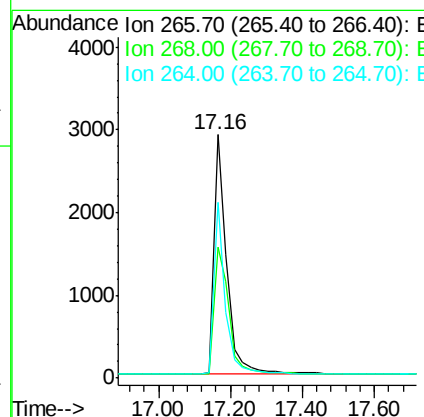
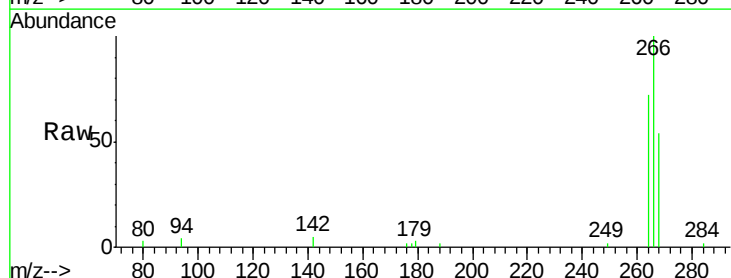
Manual Integrations
APPROVED

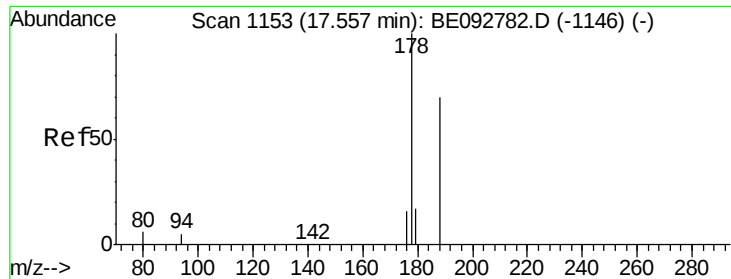
mohammad
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#20
Pentachlorophenol
Concen: 9.60 ng
RT: 17.16 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.7	62.5	93.7#
264	72.1	57.2	85.8





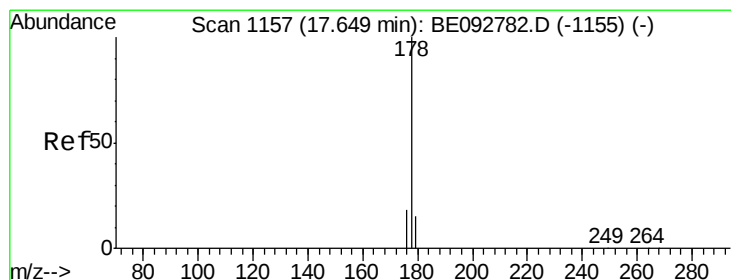
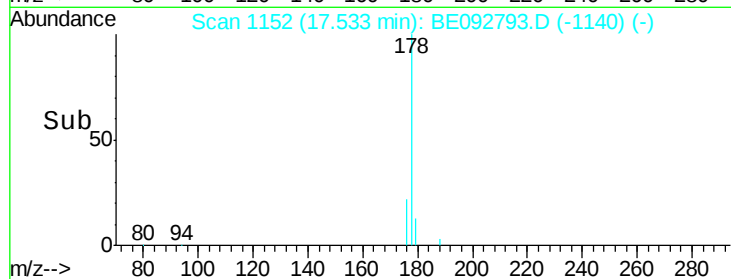
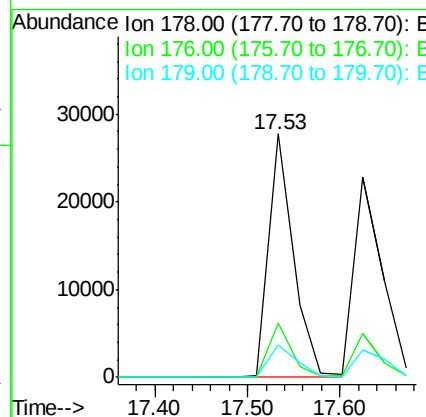
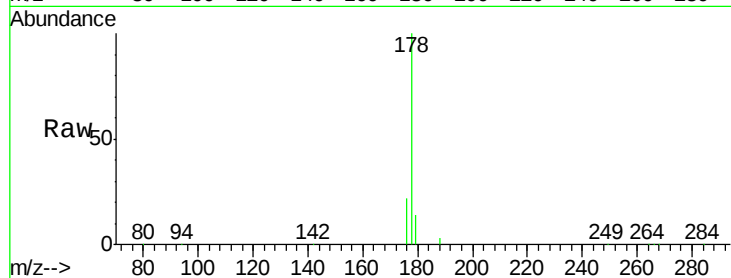
#21
Phenanthrene
Concen: 4.25 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	16.0	24.0

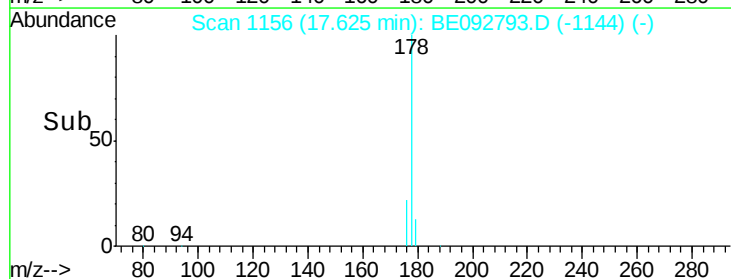
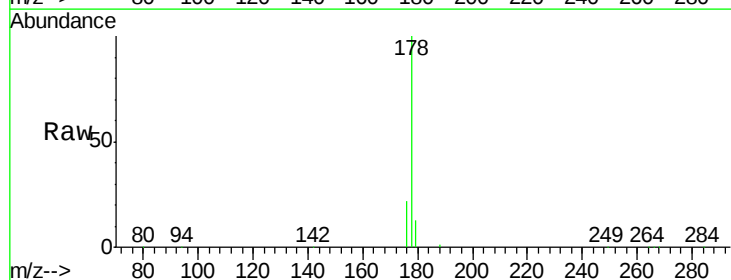
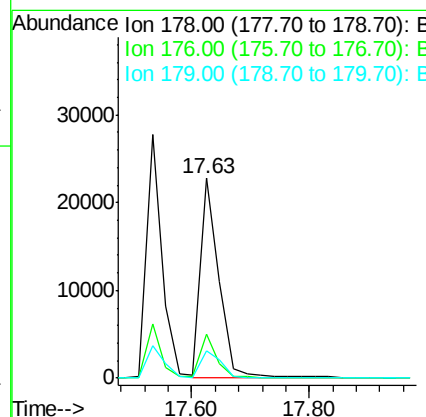
Manual Integrations
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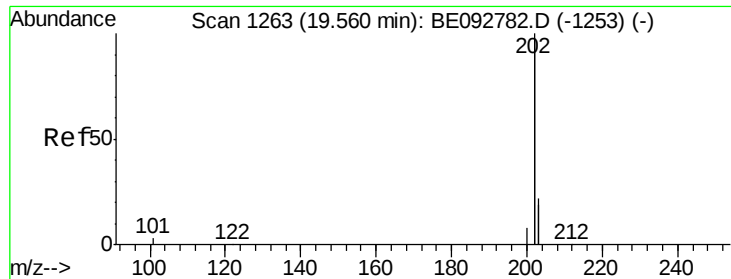
mohammad
3/7/2017 4:23:10 PM



#22
Anthracene
Concen: 4.07 ng
RT: 17.63 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	15.1	12.2	18.2





#23

Fluoranthene

Concen: 3.95 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

Instrument :

BNA_E

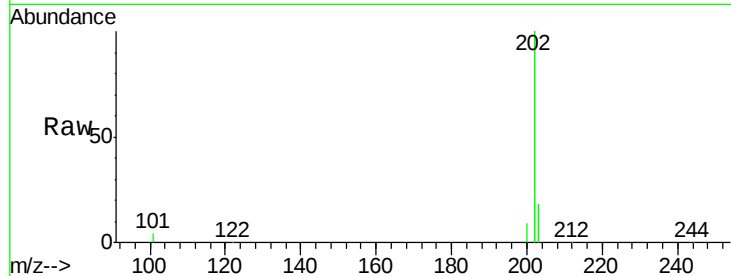
ClientSampleId :

PB97289BSD

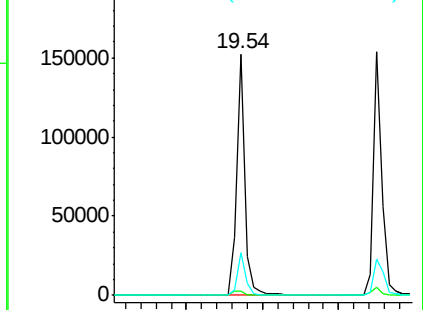
Tot Ion:	202	Resp:	230494
Ion Ratio	Lower	Upper	
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

Manual Integrations
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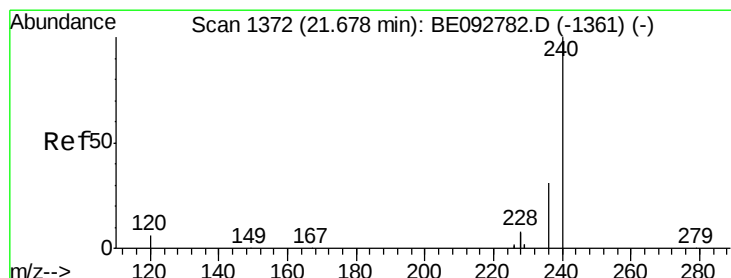
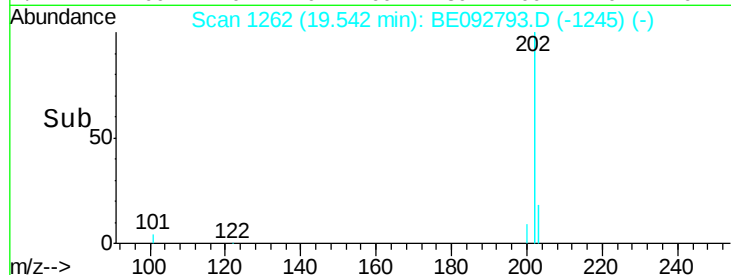
mohammad
3/7/2017 4:23:10 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#24

Chrysene-d12

Concen: 5.00 ng

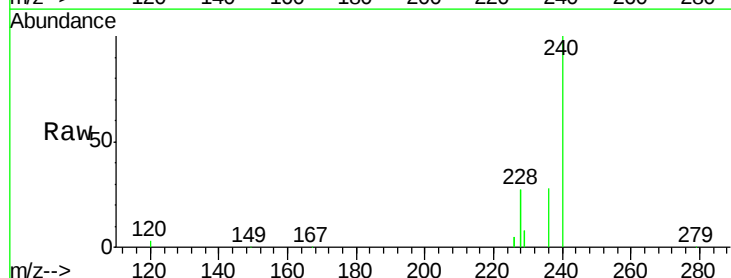
RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

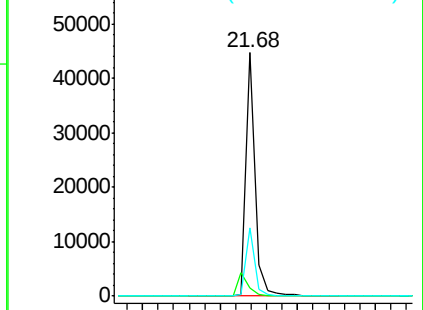
Lab File: BE092793.D

Acq: 6 Mar 2017 18:56

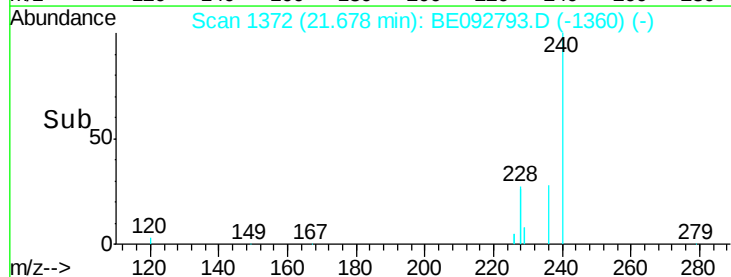
Tgt Ion:	240	Resp:	71458
Ion Ratio	Lower	Upper	
240	100		
120	3.2	2.6	4.0
236	27.9	24.6	37.0

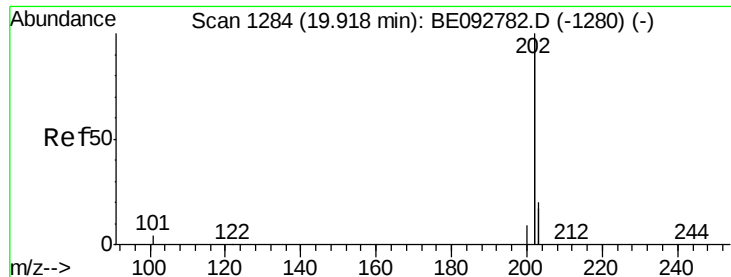


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





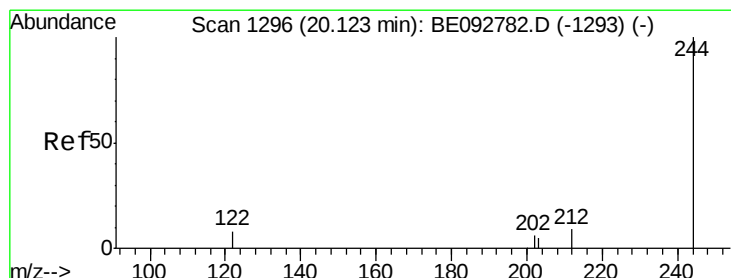
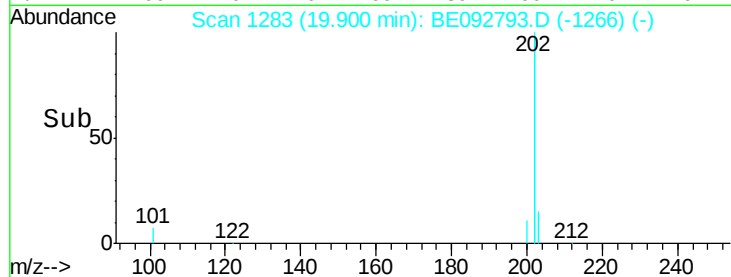
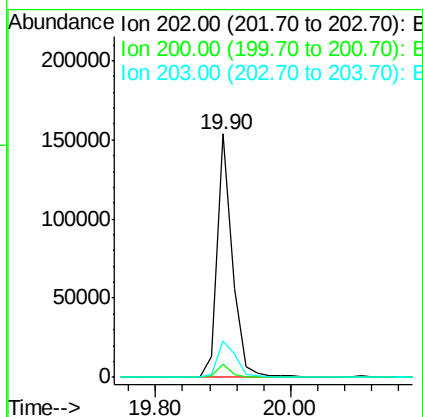
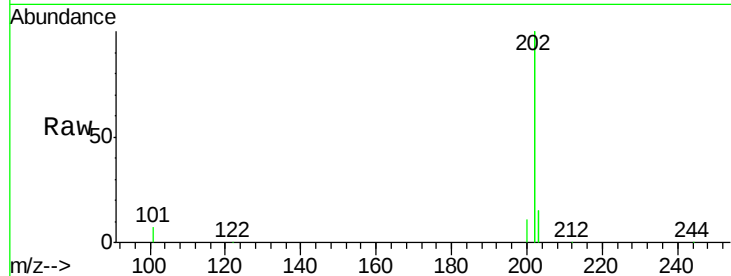
#25
Pvrene
Concen: 3.69 ng
RT: 19.90 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

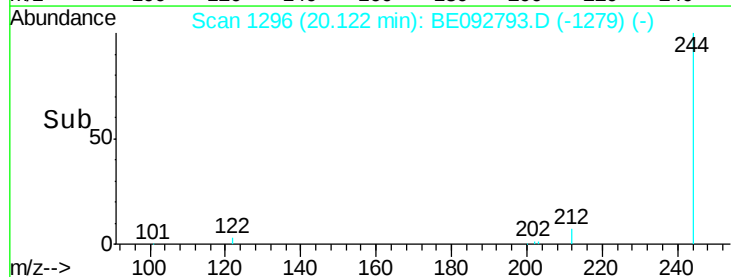
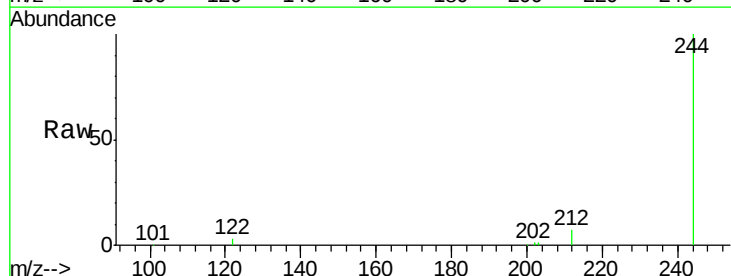
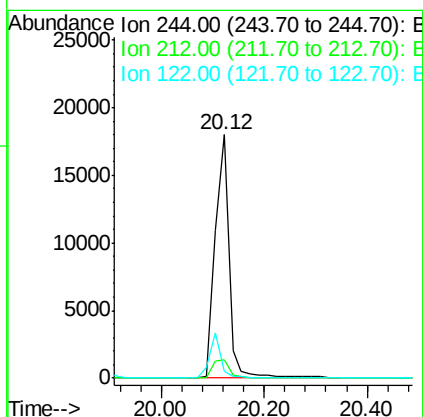
Manual Integrations
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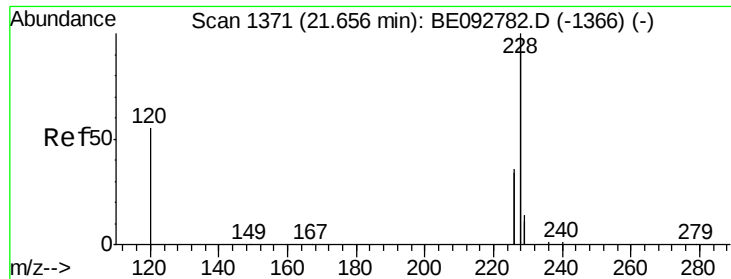
mohammad
3/7/2017 4:23:10 PM



#26
Terphenyl-d14
Concen: 3.83 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.7	10.1
122	2.8	3.6	5.4





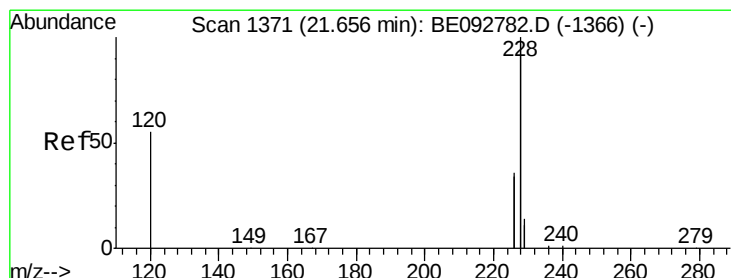
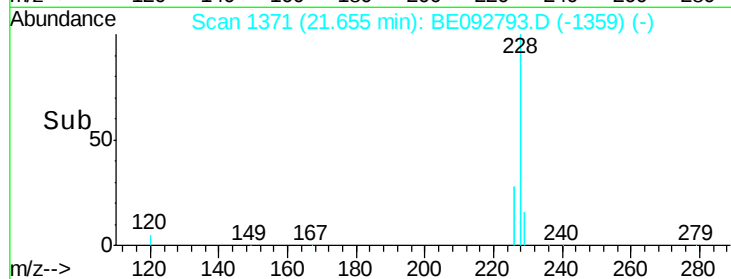
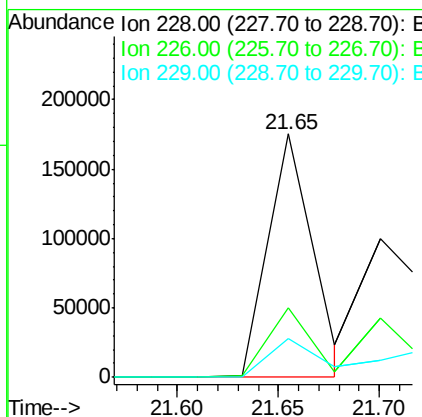
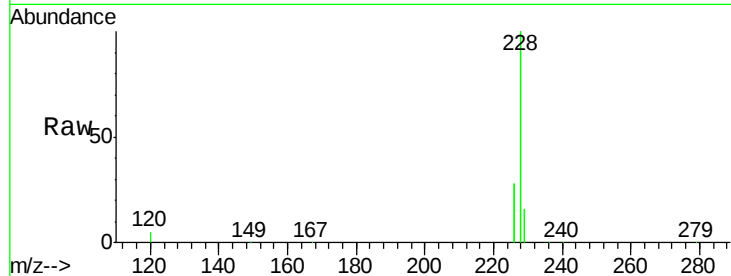
#27
Benzo(a)anthracene
Concen: 3.69 ng m
RT: 21.65 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	16.1	13.3	19.9

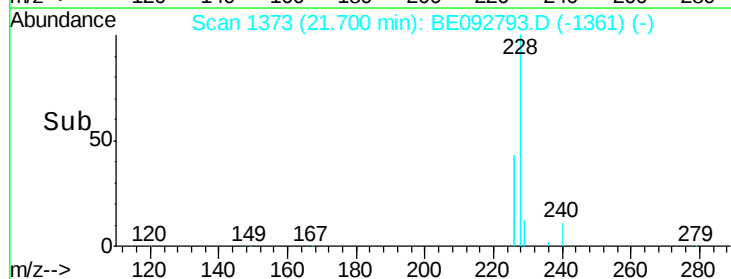
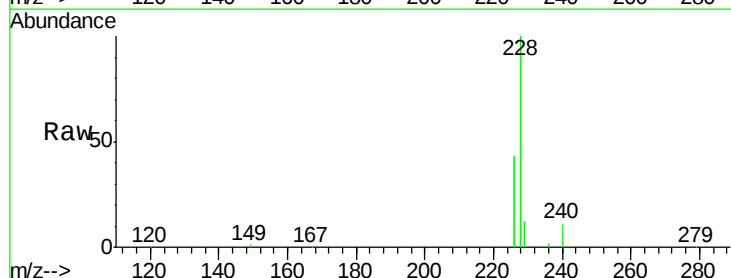
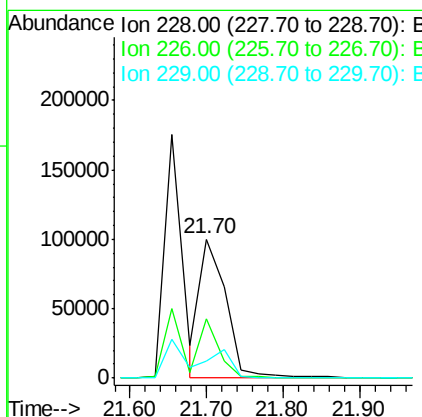
Manual Integrations
APPROVED

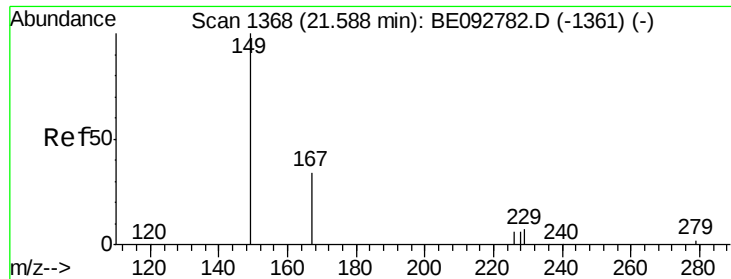
mohammad
3/7/2017 4:23:10 PM



#28
Chrysene
Concen: 3.75 ng m
RT: 21.70 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.1	36.3	54.5
229	12.2	10.6	16.0





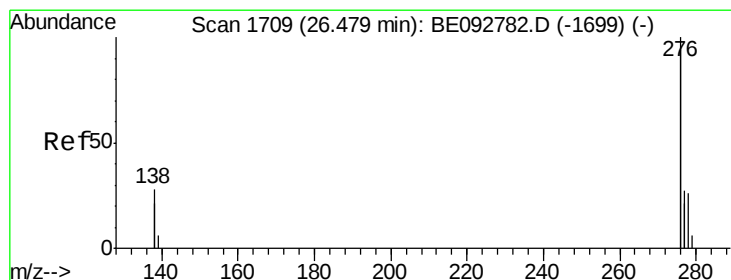
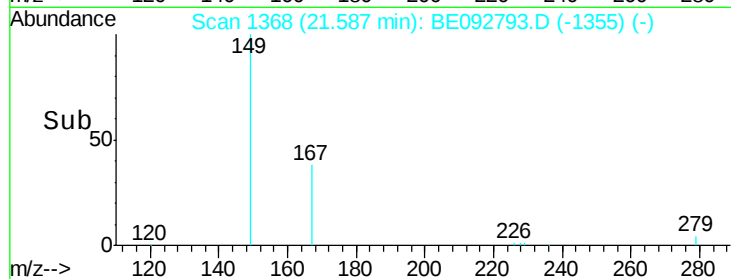
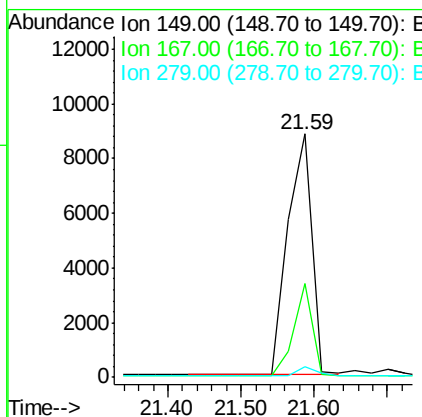
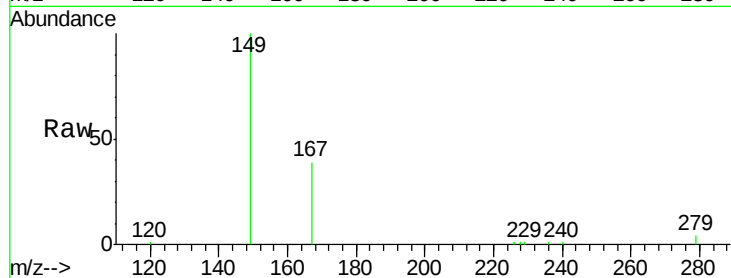
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.20 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	16.0	24.0#
279	3.0	16.0	24.0#

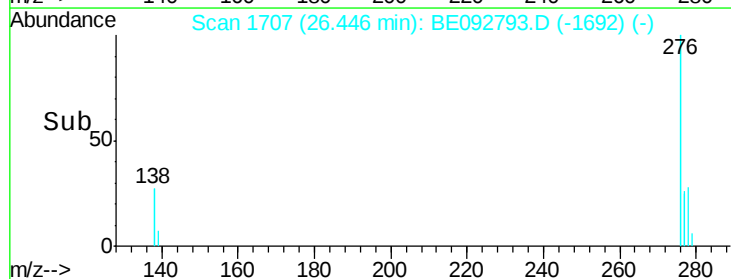
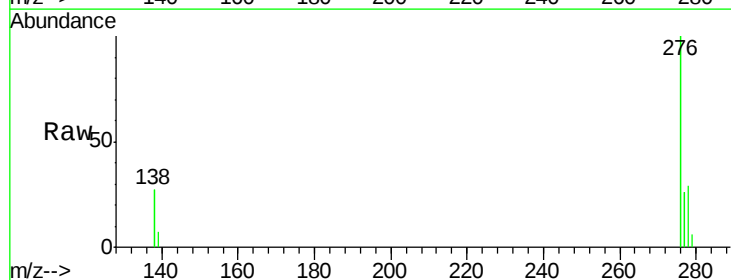
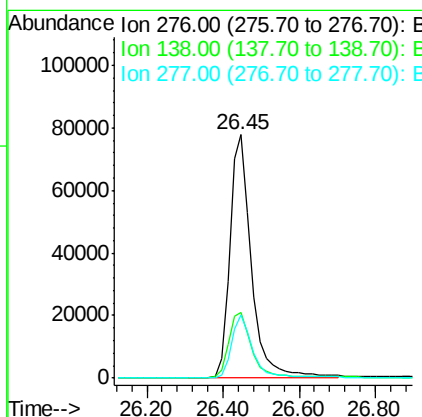
Manual Integrations
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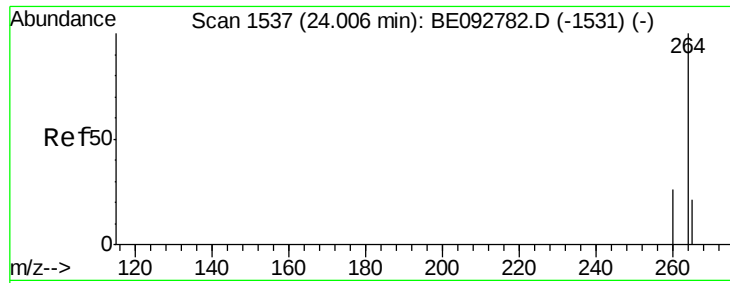
mohammad
3/7/2017 4:23:10 PM



#30
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 26.45 min Scan# 1707
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.3	30.5
277	24.9	19.7	29.5





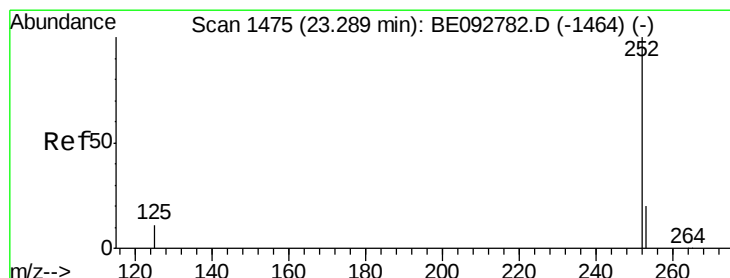
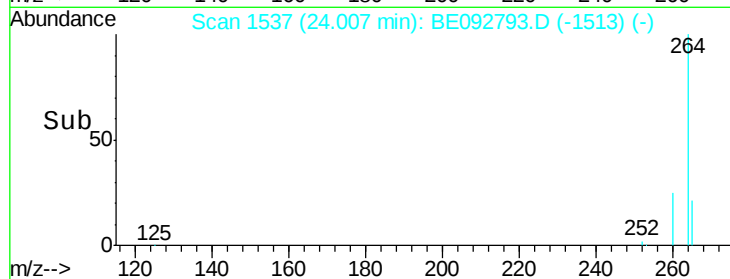
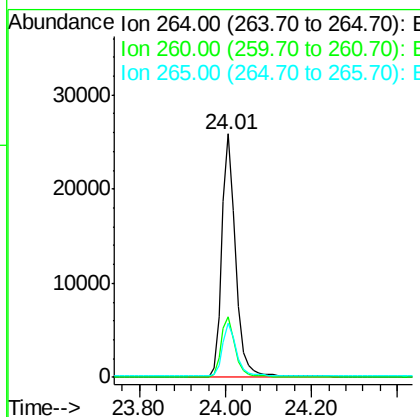
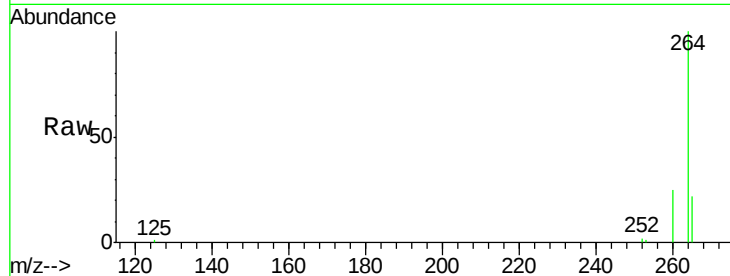
#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092793.D
 Acq: 6 Mar 2017 18:56

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.0	17.9	26.9

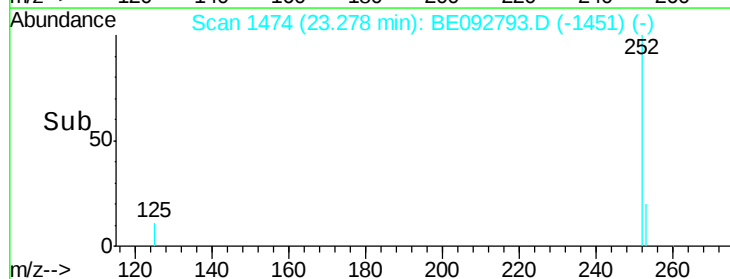
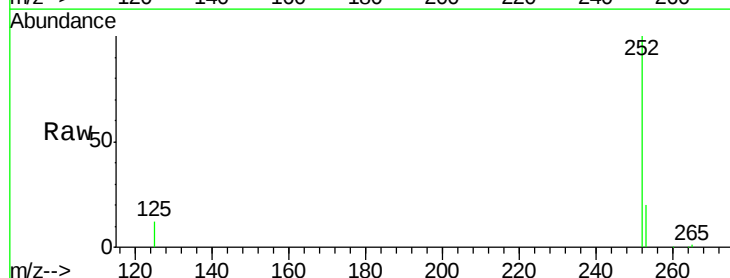
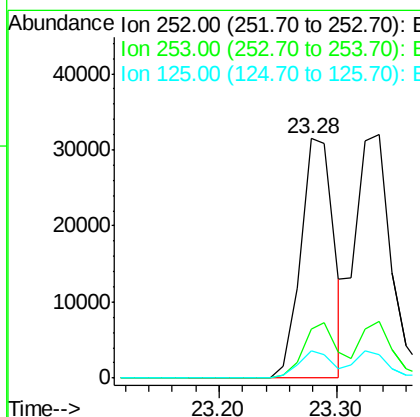
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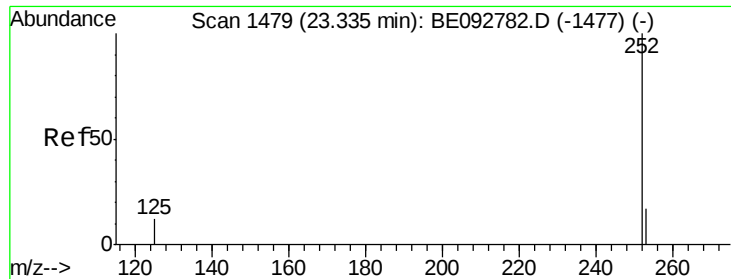
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#32
 Benzo(b)fluoranthene
 Concen: 3.95 ng
 RT: 23.28 min Scan# 1474
 Delta R.T. -0.03 min
 Lab File: BE092793.D
 Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.7	28.1
125	11.5	10.5	15.7





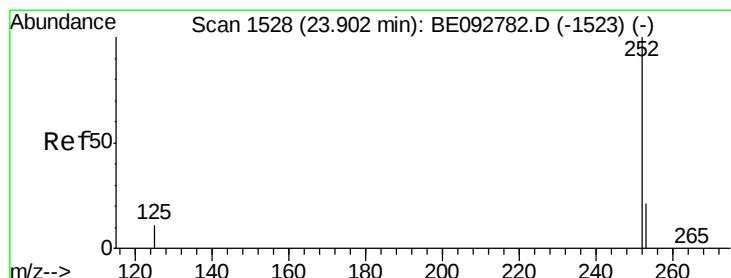
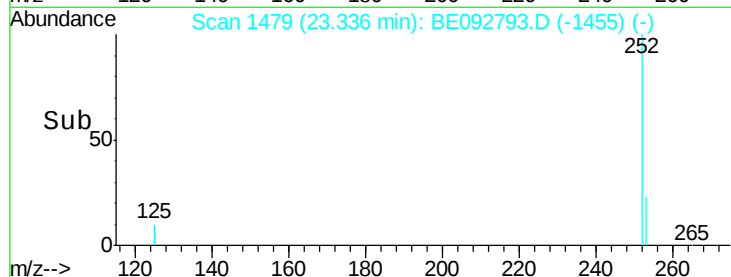
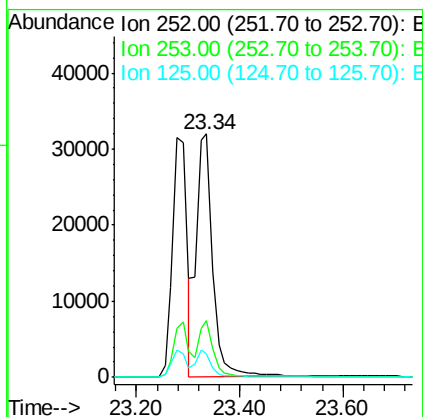
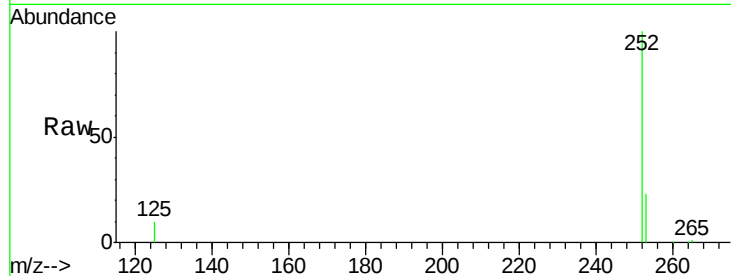
#33
Benzo(k)fluoranthene
Concen: 4.45 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	9.8	9.6	14.4

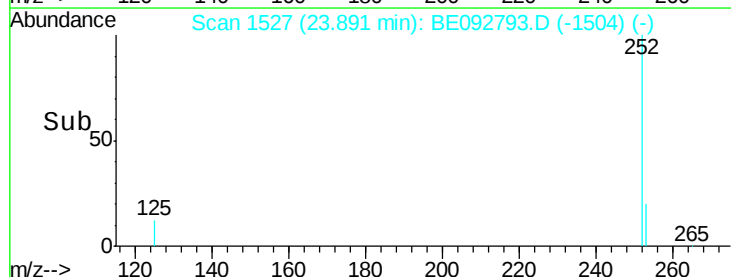
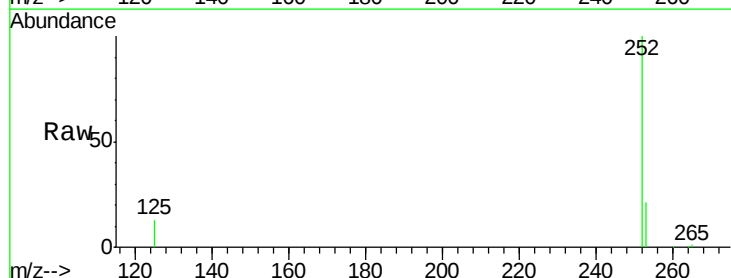
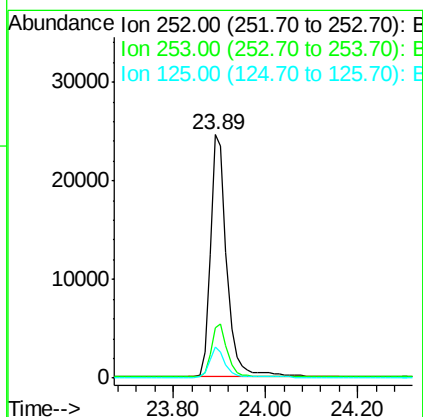
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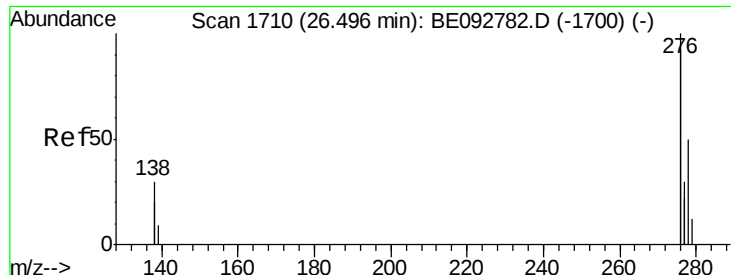
mohammad
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#34
Benzo(a)pyrene
Concen: 4.33 ng
RT: 23.89 min Scan# 1527
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	19.0	28.6
125	12.6	11.8	17.8





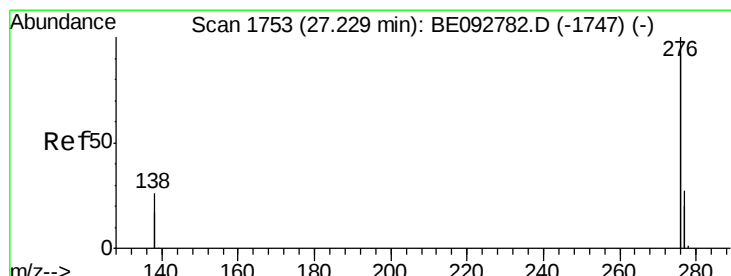
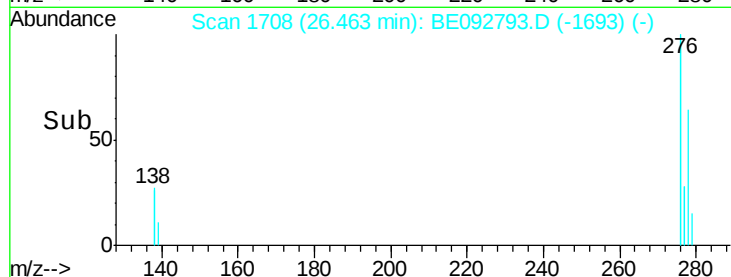
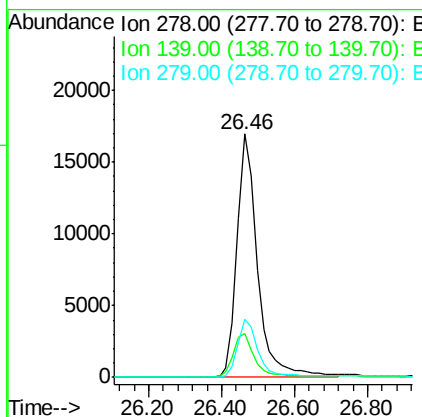
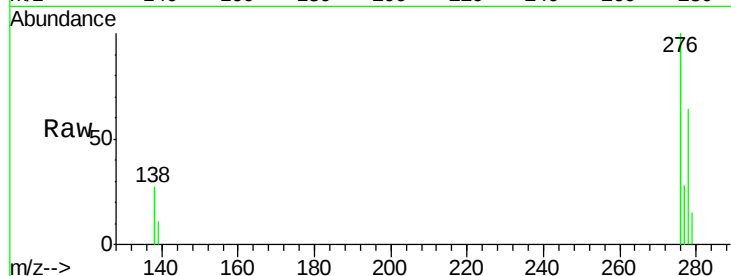
#35
Dibenzo(a,h)anthracene
Concen: 4.81 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.8	20.8
279	23.6	21.4	32.2

Manual Integrations
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#36
Benzo(g,h,i)perylene
Concen: 4.55 ng
RT: 27.20 min Scan# 1751
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	24.2	19.8	29.6

