

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092765.D
 Acq On : 28 Feb 2017 16:22
 Operator : SJ/MA
 Sample : I2006-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19013051

Manual Integrations
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mohammad
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Quant Time: Mar 01 14:43:31 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	8.10	152	10740	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	46123	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	29163	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	71326	5.00	ng	0.00
24) Chrysene-d12	21.68	240	103295	5.00	ng	-0.02
31) Perylene-d12	24.01	264	88339	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.60	112	11233	5.38	ng	-0.03
5) Phenol-d6	7.27	99	8680	3.39	ng	-0.04
8) Nitrobenzene-d5	9.27	82	15572	5.00	ng	-0.04
13) 2,4,6-Tribromophenol	16.24	330	11888	19.21	ng	-0.04
14) 2-Fluorobiphenyl	13.36	172	40329	5.67	ng	-0.04
26) Terphenyl-d14	20.10	244	67174	5.10	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.91	128	11011m	1.10	ng	
11) 2-Methylnaphthalene	12.55	142	5830	0.93	ng	92
16) Acenaphthene	14.82	154	7470	1.17	ng	# 75
17) Fluorene	15.80	166	15438	1.88	ng	# 97
20) Pentachlorophenol	17.19	266	203	0.50	ng	95
21) Phenanthrene	17.53	178	2783	0.16	ng	# 76
22) Anthracene	17.62	178	1512	0.10	ng	# 84
29) Bis(2-ethylhexyl)phthalate	21.59	149	6819	0.55	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.50	276	1278	0.04	ng	99

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

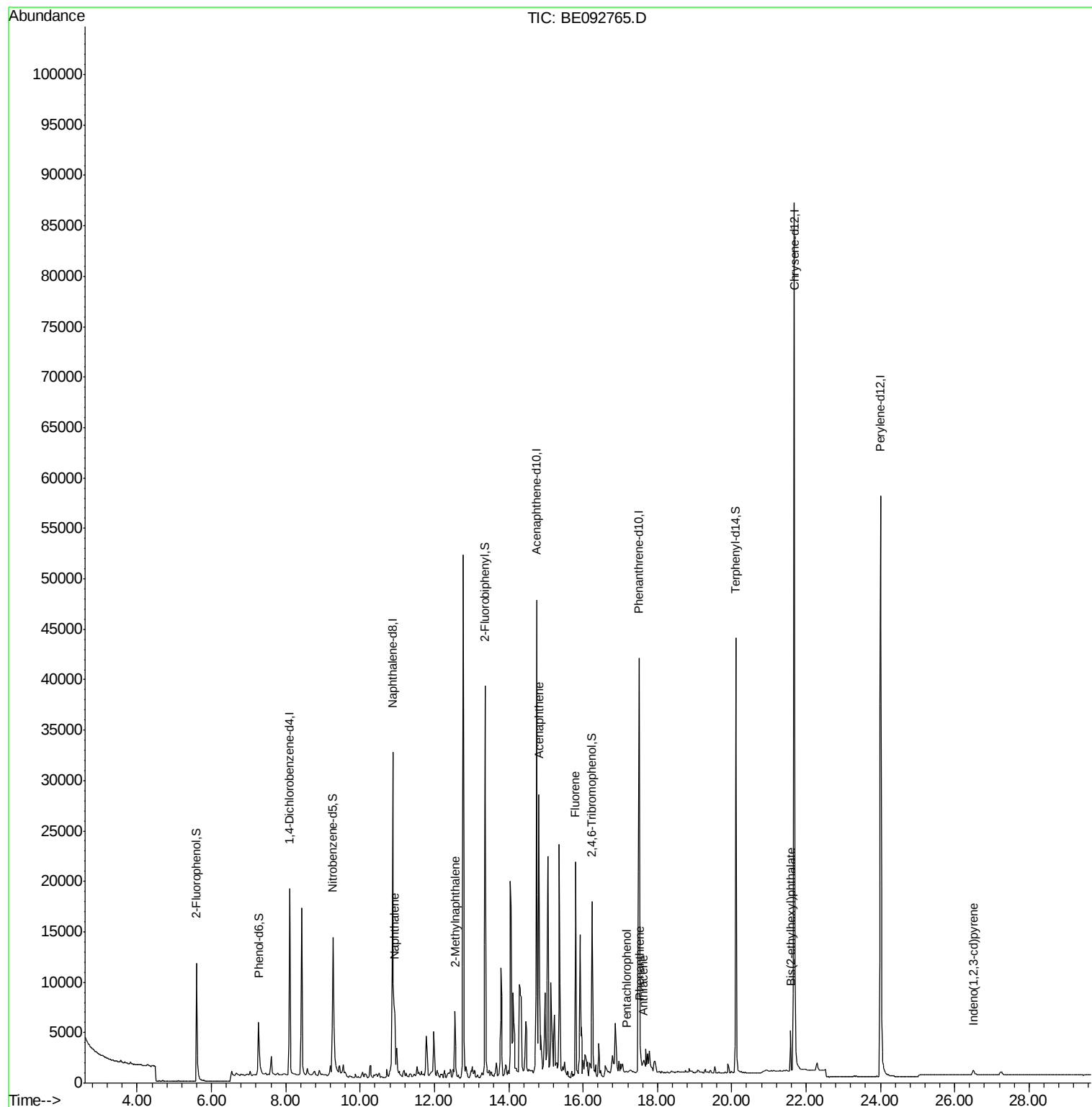
Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
Data File : BE092765.D
Acq On : 28 Feb 2017 16:22
Operator : SJ/MA
Sample : I2006-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

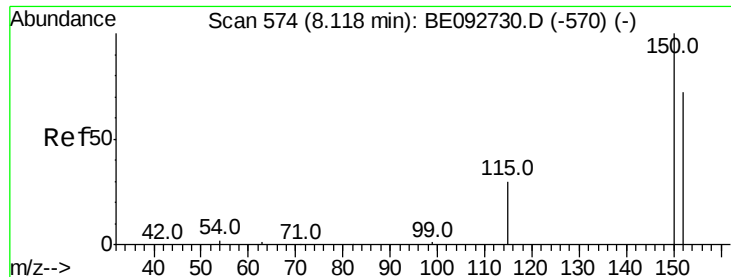
Instrument :
BNA_E
ClientSampleId :
C19013051

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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: BE092765.D

Acq: 28 Feb 2017 16:22

Instrument :

BNA_E

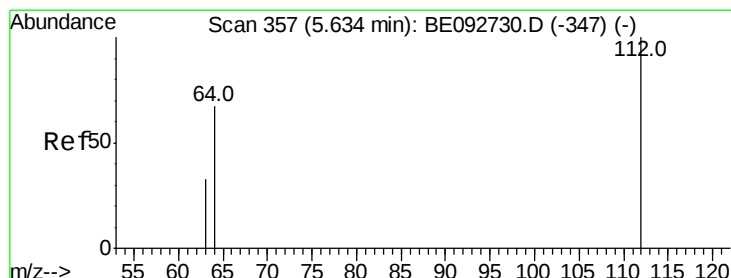
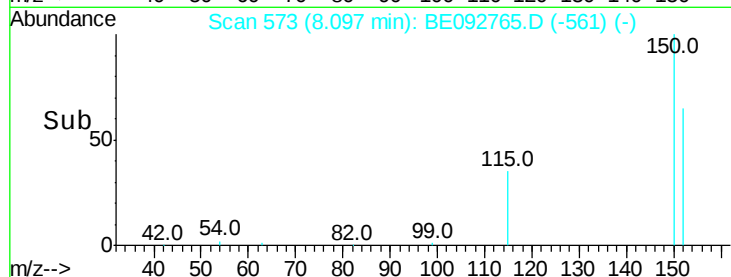
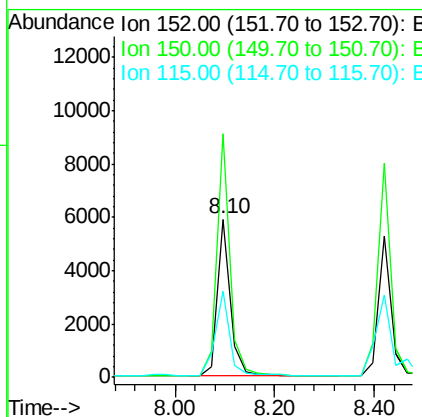
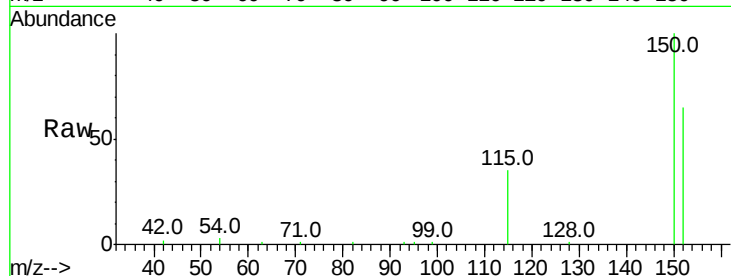
ClientSampleId :

C19013051

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	106.0	159.0
115	54.5	31.2	46.8

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#4

2-Fluorophenol

Concen: 5.38 ng

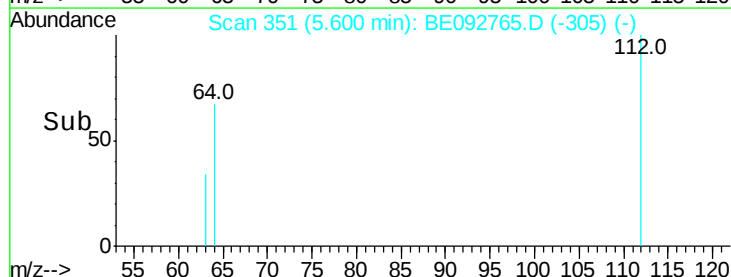
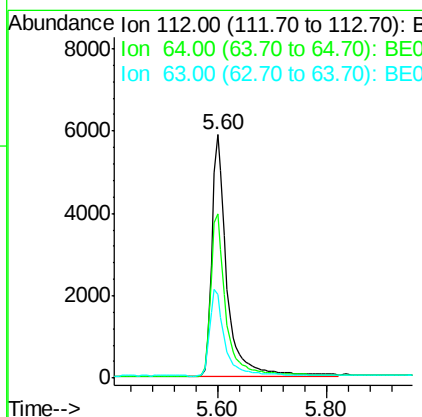
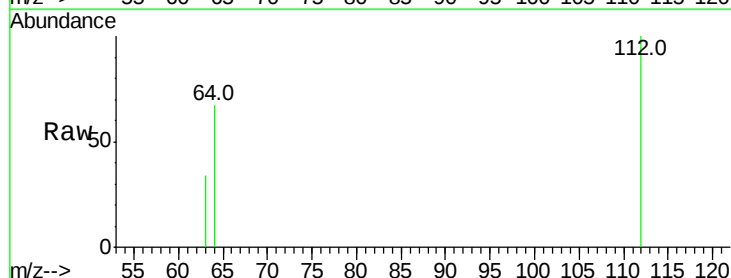
RT: 5.60 min Scan# 351

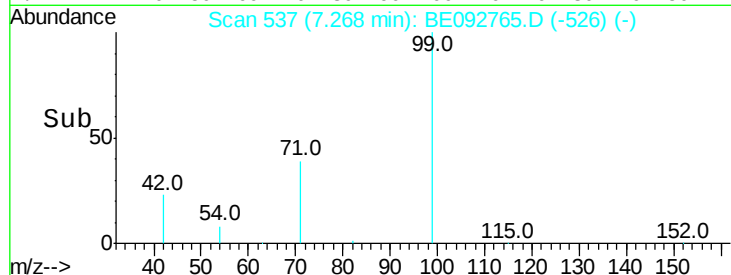
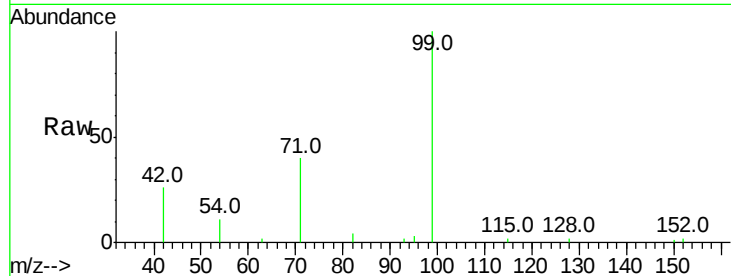
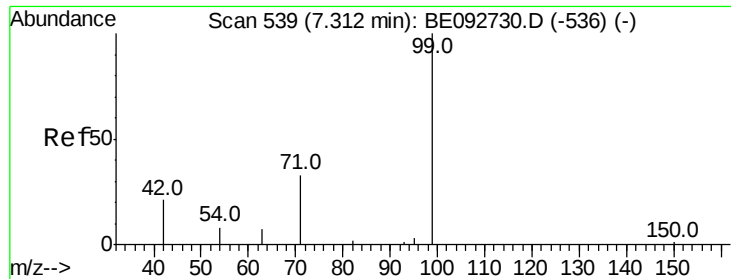
Delta R.T. -0.03 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.5	80.3
63	36.9	27.9	41.9





#5

Phenol-d6

Concen: 3.39 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Tot Ion:	99	Resp:	8680
Ion Ratio	Lower	Upper	
99	100		
42	21.0	16.0	24.0
71	34.8	30.6	45.8

Instrument :

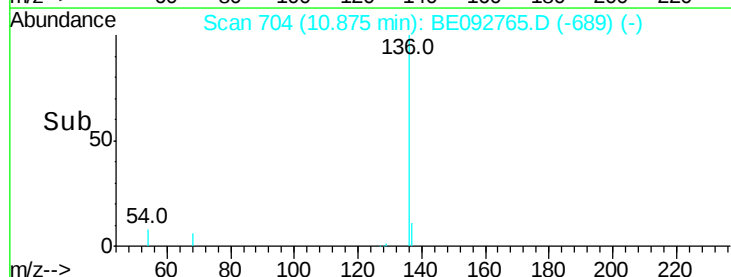
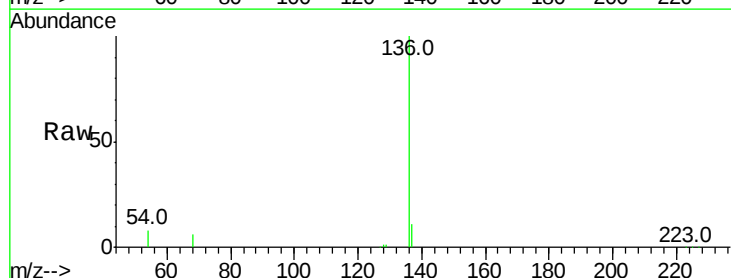
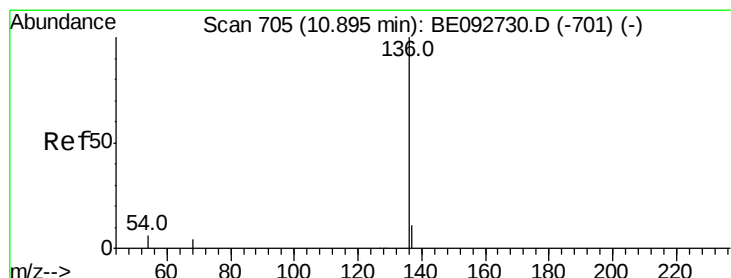
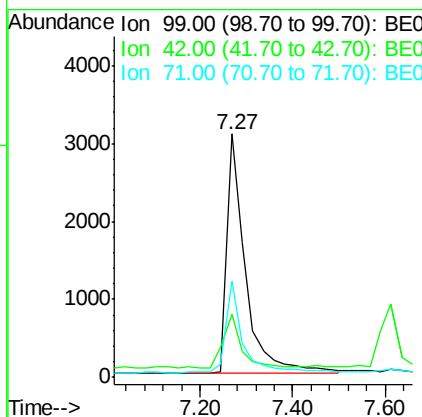
BNA_E

ClientSampleId :

C19013051

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#7

Naphthalene-d8

Concen: 5.00 ng

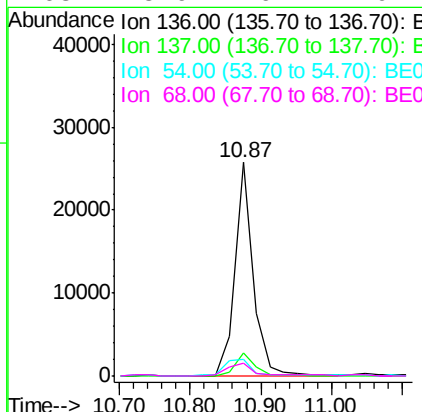
RT: 10.87 min Scan# 704

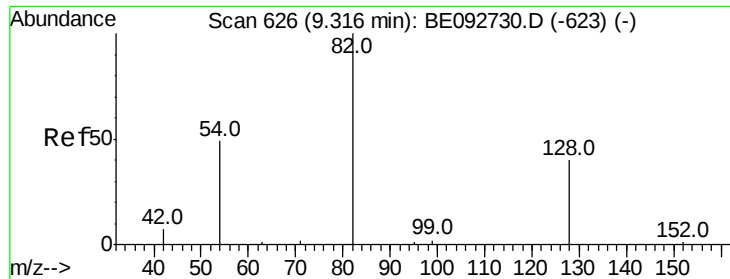
Delta R.T. -0.02 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Tgt Ion:	136	Resp:	46123
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	7.9	9.6	14.4#
68	5.9	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 5.00 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Instrument :

BNA_E

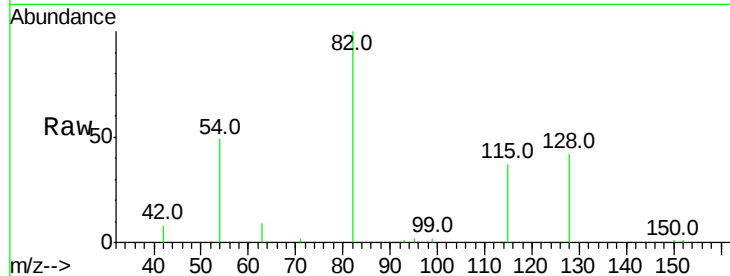
ClientSampleId :

C19013051

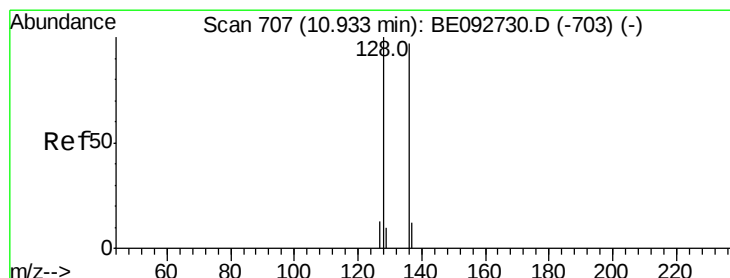
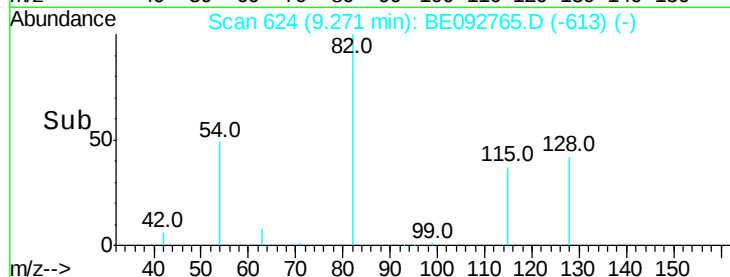
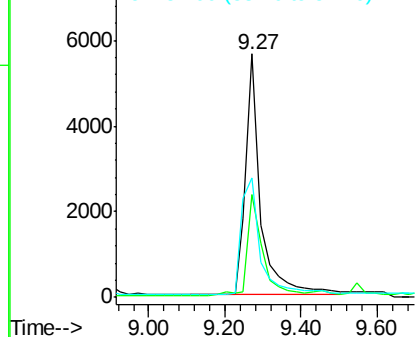
Tot Ion:	82	Resp:	15572
Ion Ratio	Lower	Upper	
82	100		
128	42.0	39.0	58.4
54	49.3	44.8	67.2

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



#9

Naphthalene

Concen: 1.10 ng m

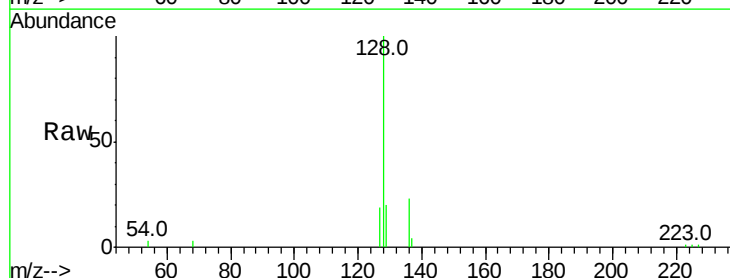
RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

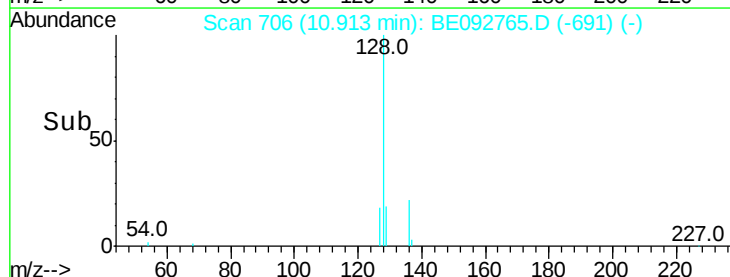
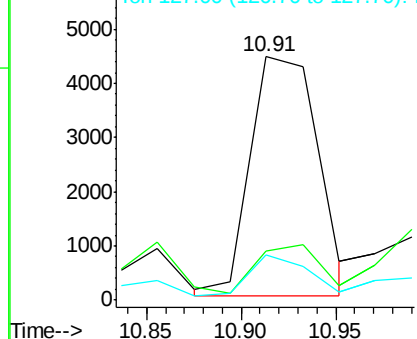
Lab File: BE092765.D

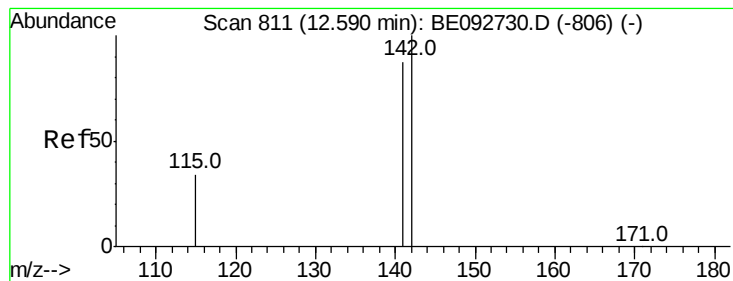
Acq: 28 Feb 2017 16:22

Tgt Ion:	128	Resp:	11011
Ion Ratio	Lower	Upper	
128	100		
129	20.1	11.2	16.8#
127	18.6	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





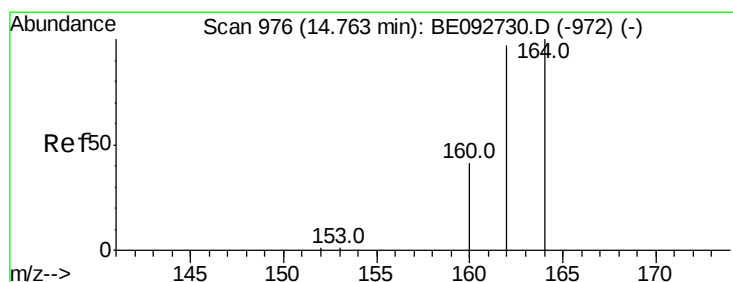
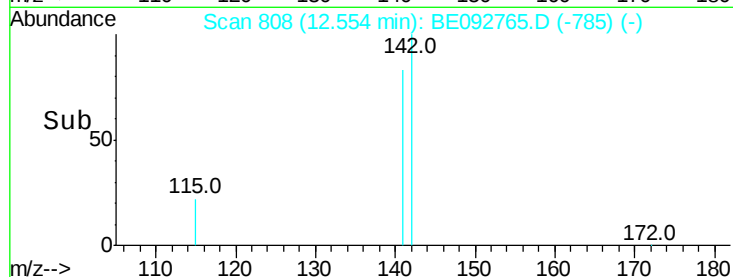
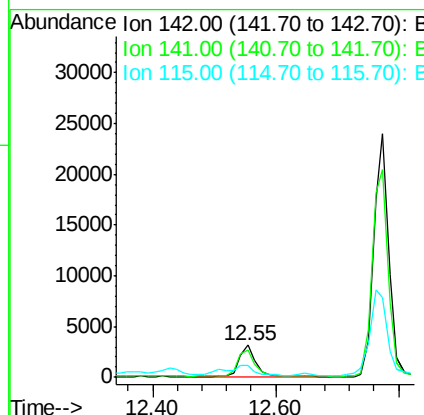
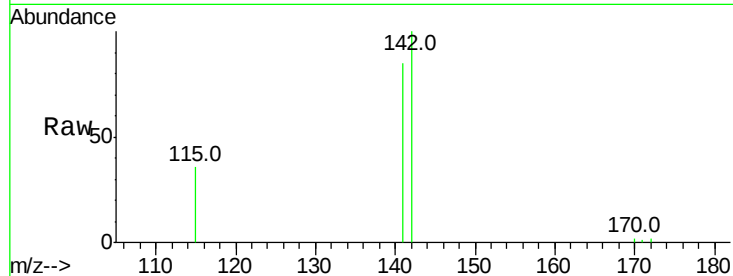
#11
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.55 min Scan# 808
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tot Ion:142 Resp: 5830
Ion Ratio Lower Upper
142 100
141 85.2 73.7 110.5
115 36.5 34.0 51.0

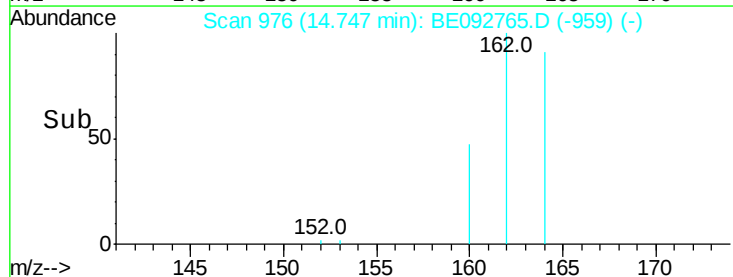
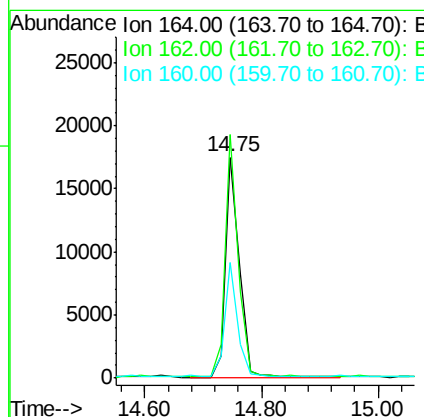
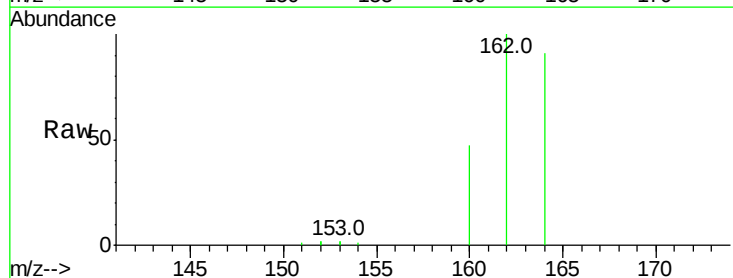
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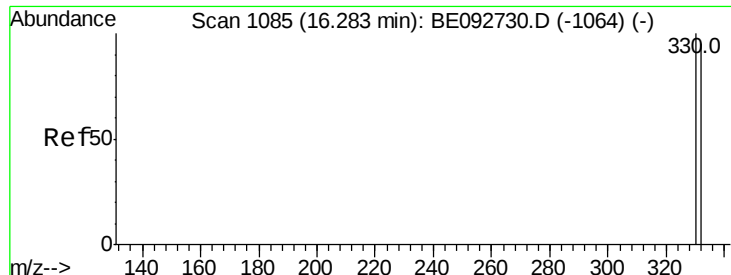
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:164 Resp: 29163
Ion Ratio Lower Upper
164 100
162 110.2 71.4 107.0#
160 52.2 27.4 41.2#





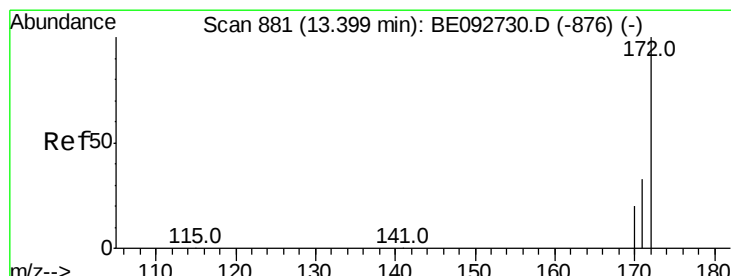
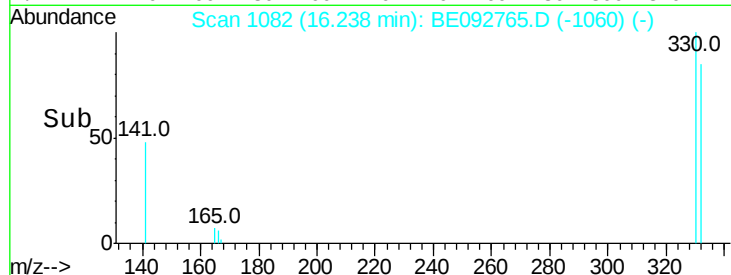
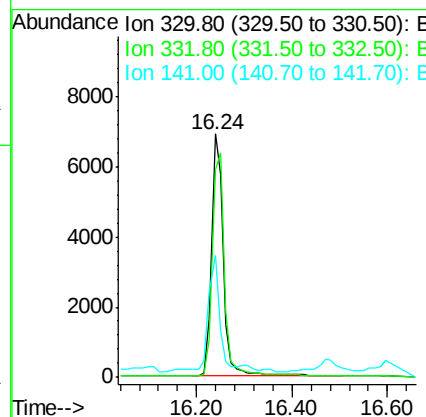
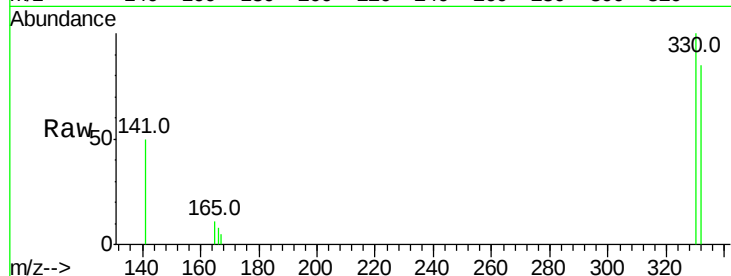
#13
 2,4,6-Tribromophenol
 Concen: 19.21 ng
 RT: 16.24 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BE092765.D
 Acq: 28 Feb 2017 16:22

Instrument :
 BNA_E
 ClientSampleId :
 C19013051

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	46.7	31.0	46.6

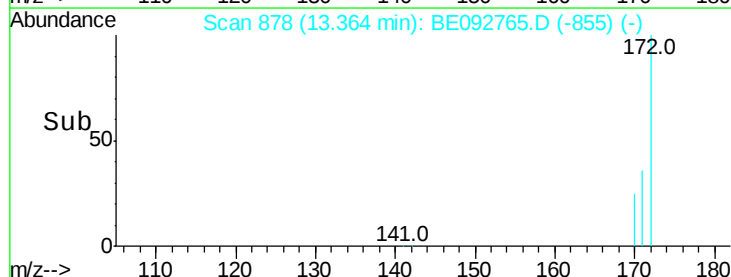
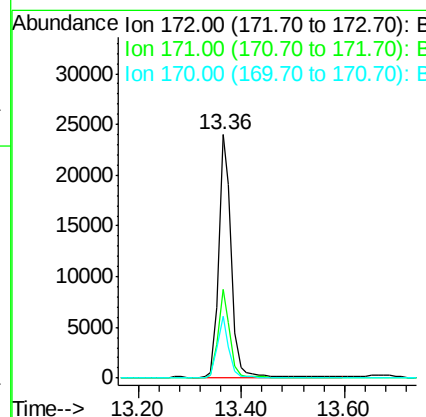
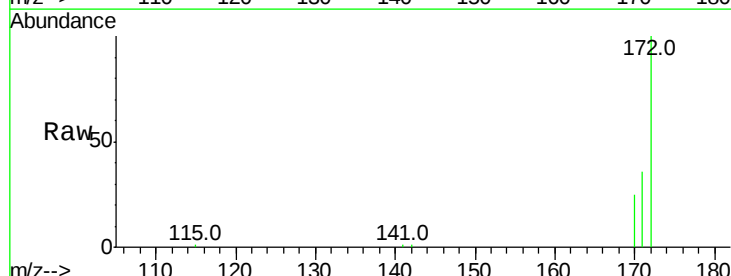
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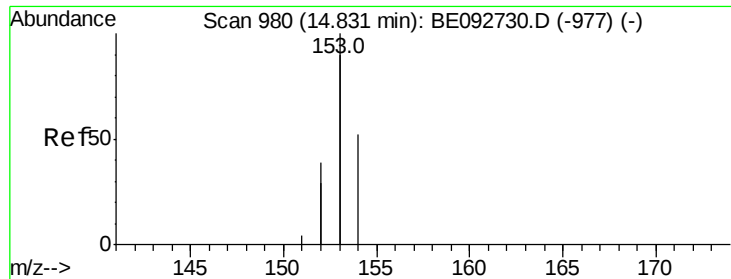
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#14
 2-Fluorobiphenyl
 Concen: 5.67 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092765.D
 Acq: 28 Feb 2017 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	25.3	21.8	32.6





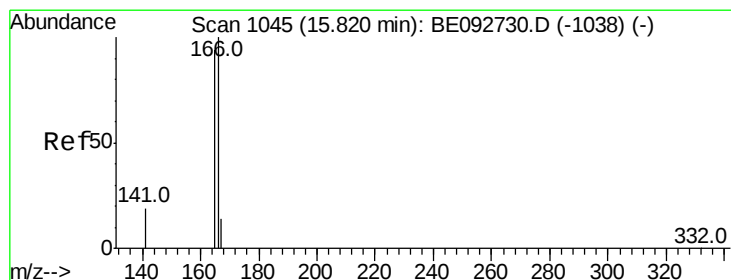
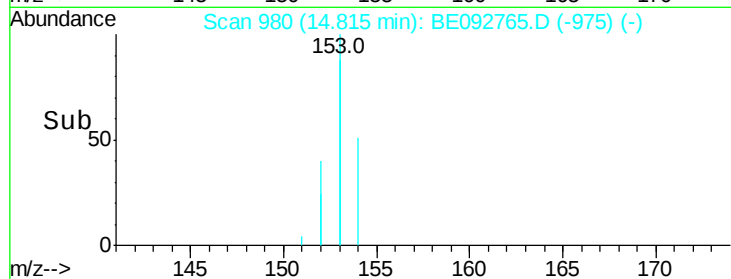
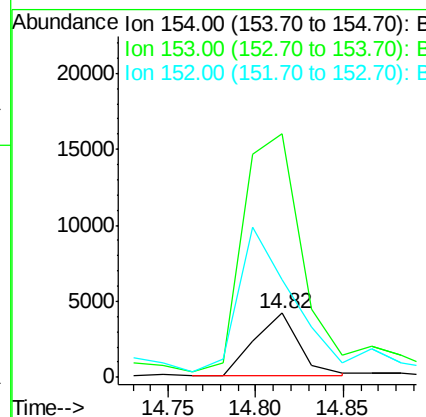
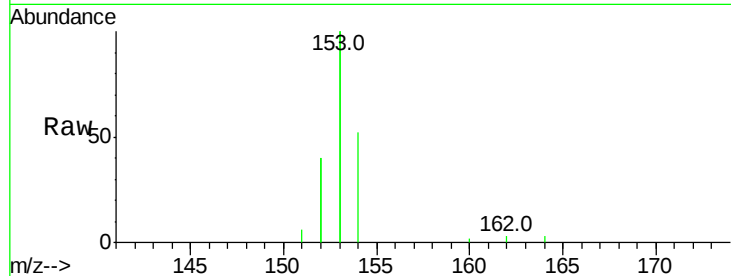
#16
Acenaphthene
Concen: 1.17 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tot Ion	Ratio	Lower	Upper
154	100		
153	488.3	350.8	526.2
152	272.5	171.1	256.7#

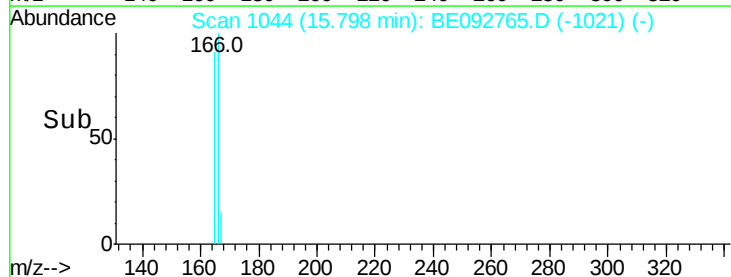
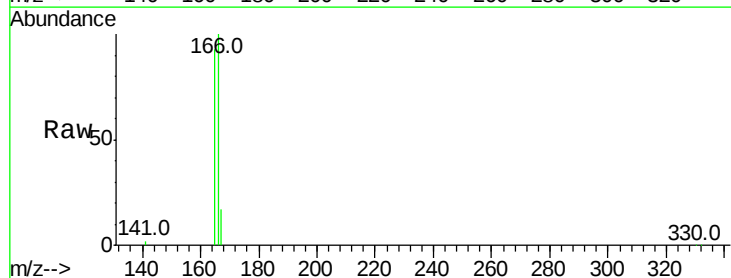
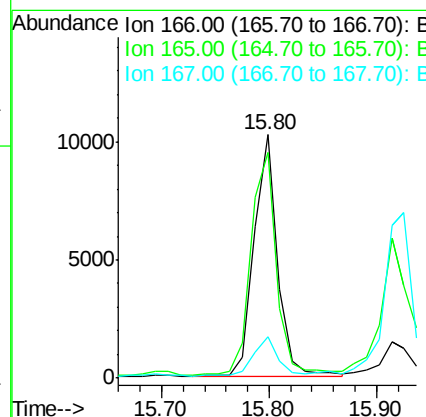
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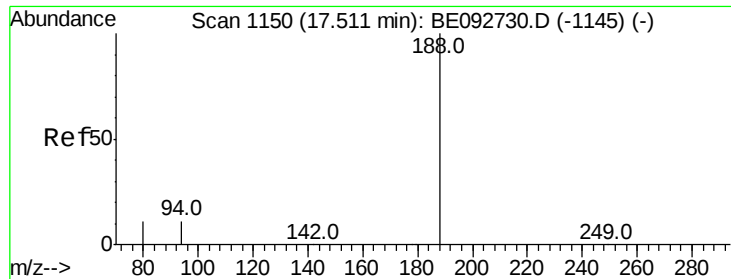
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#17
Fluorene
Concen: 1.88 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.4
167	16.9	11.0	16.4#





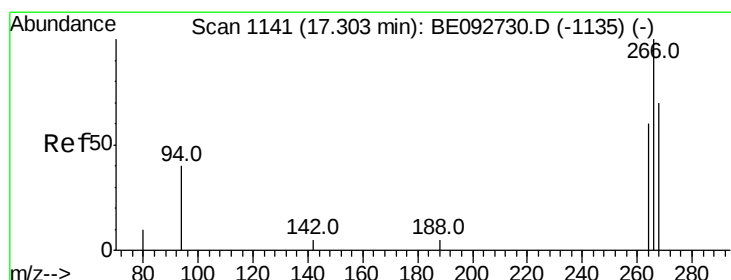
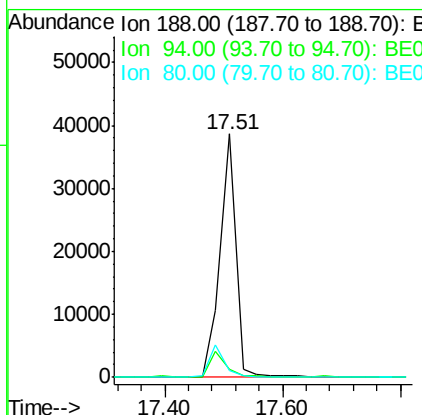
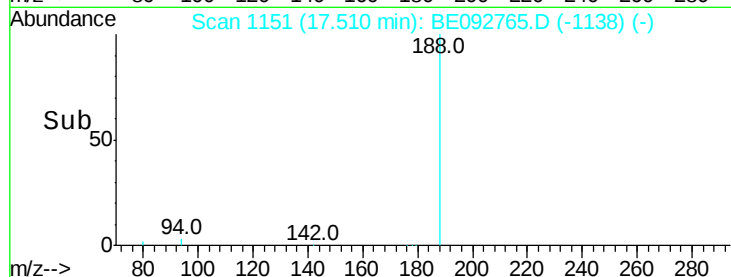
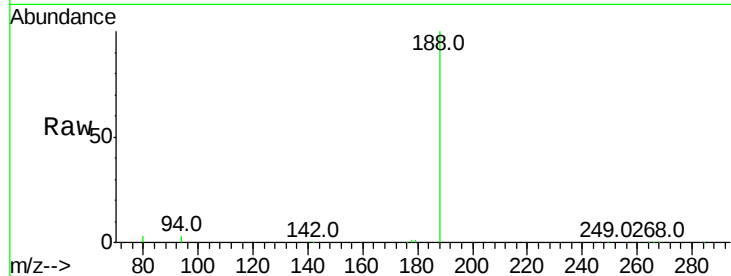
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tot Ion	Ratio	Resp	Lower	Upper
188	100	71326		
94	3.5		3.2	4.8
80	2.8		2.6	3.8

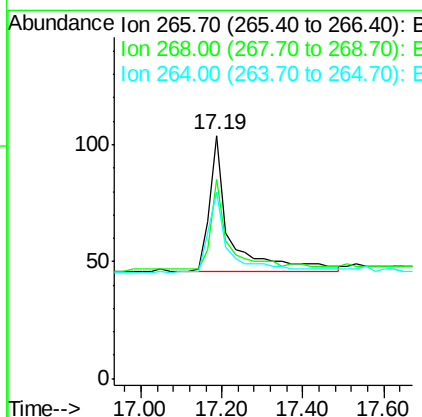
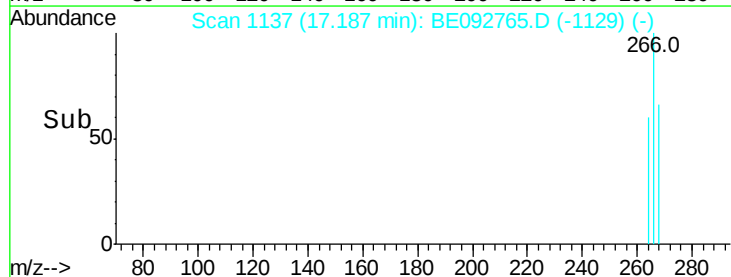
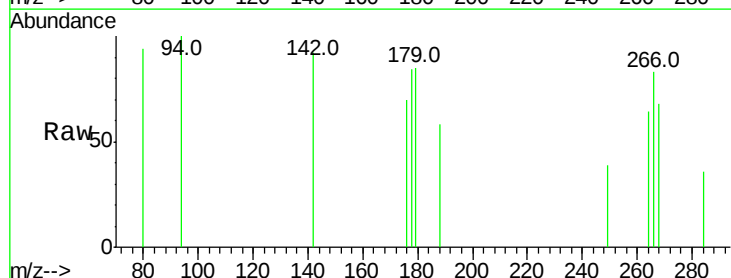
Manual Integrations
APPROVED

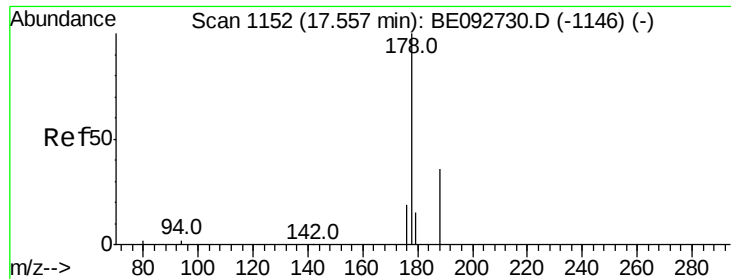
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#20
Pentachlorophenol
Concen: 0.50 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	203		
268	81.7		62.5	93.7
264	76.9		57.2	85.8





#21

Phenanthrene

Concen: 0.16 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Instrument :

BNA_E

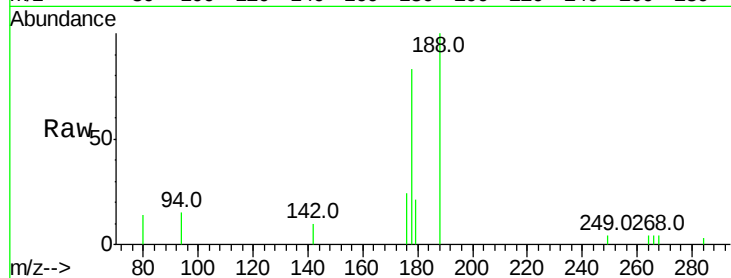
ClientSampled :

C19013051

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	0.0	16.0	24.0#

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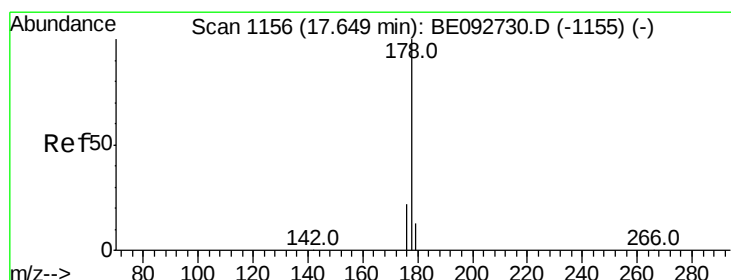
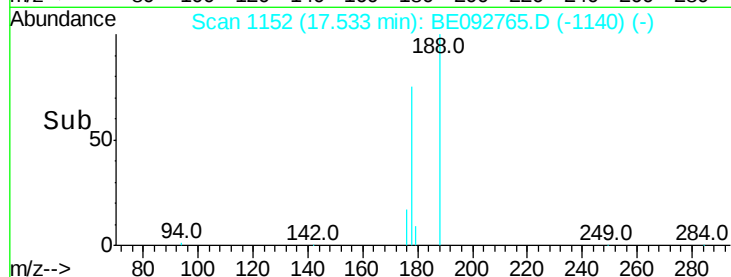
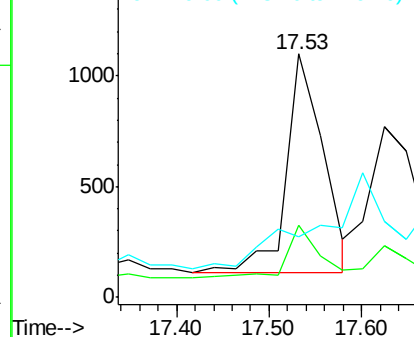
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.10 ng

RT: 17.62 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BE092765.D

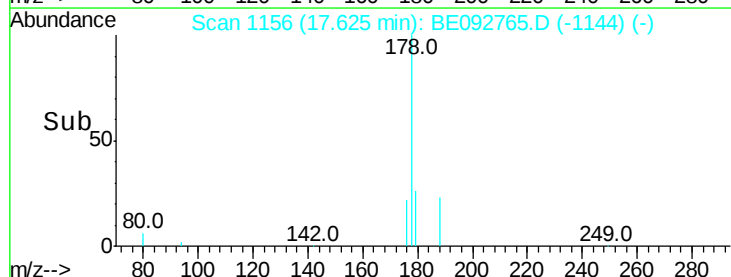
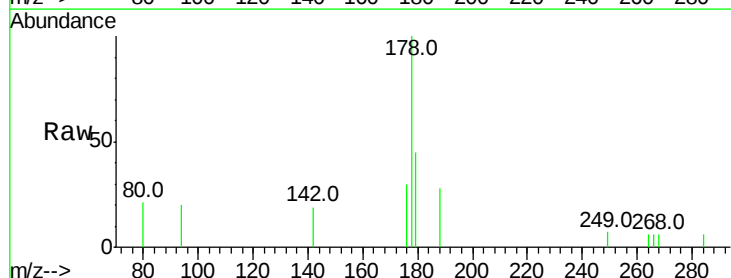
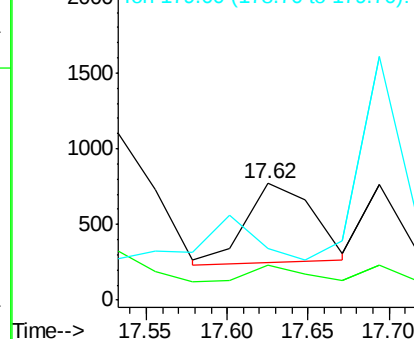
Acq: 28 Feb 2017 16:22

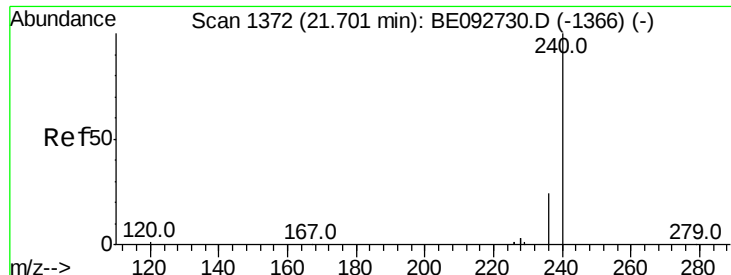
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	0.0	12.2	18.2#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





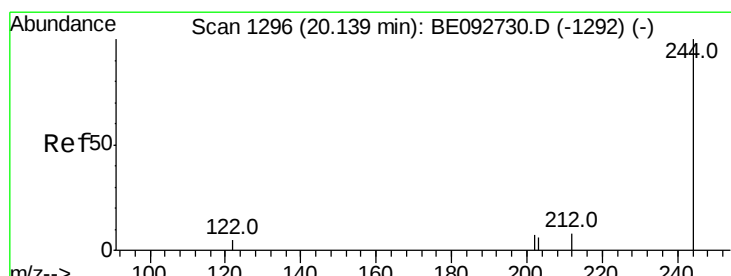
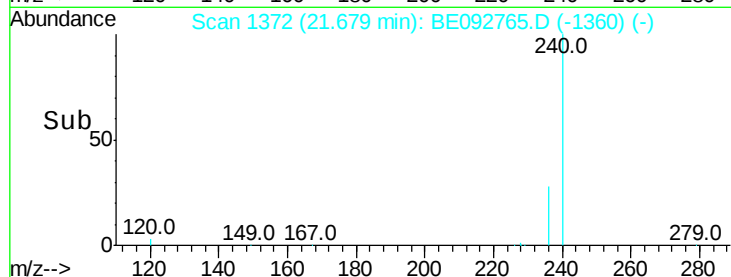
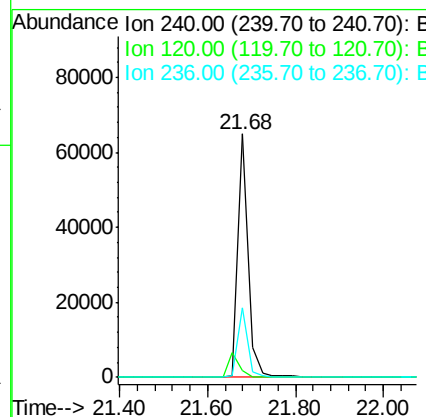
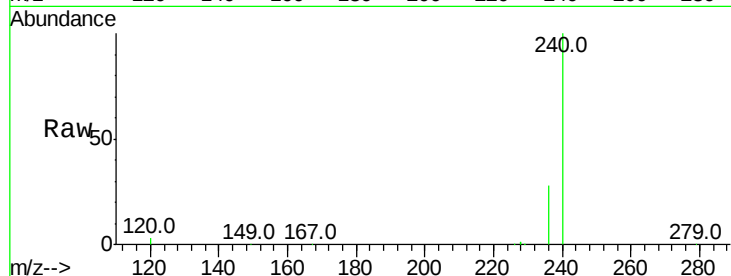
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.0	2.6	4.0
236	28.5	24.6	37.0

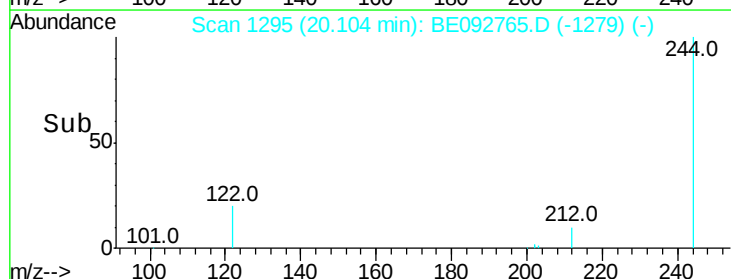
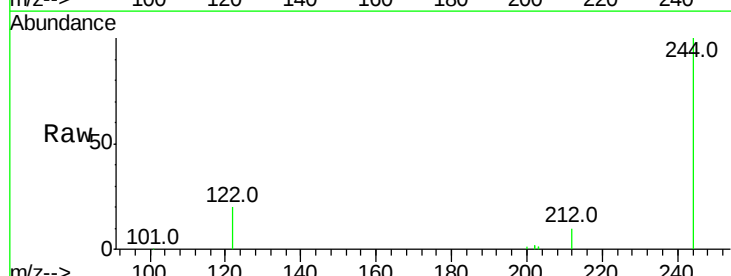
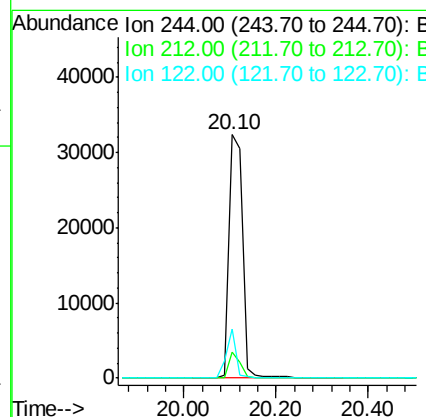
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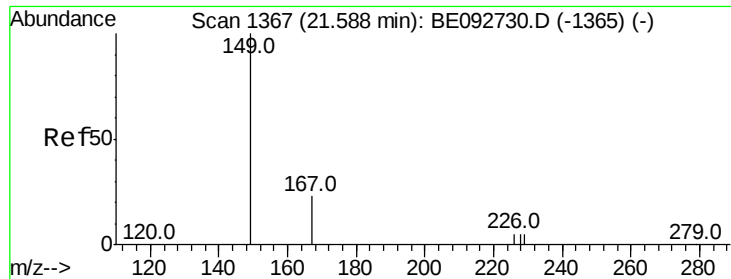
mohammad
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#26
Terphenyl-d14
Concen: 5.10 ng
RT: 20.10 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.7	10.1#
122	20.0	3.6	5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.55 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Instrument :

BNA_E

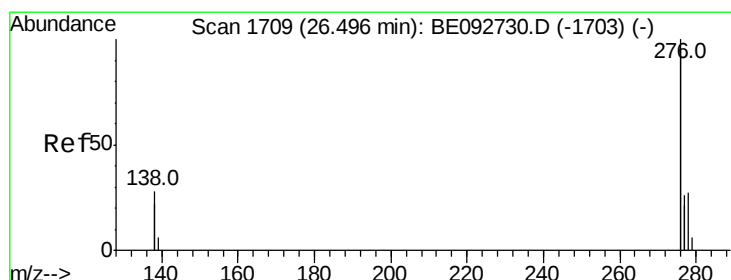
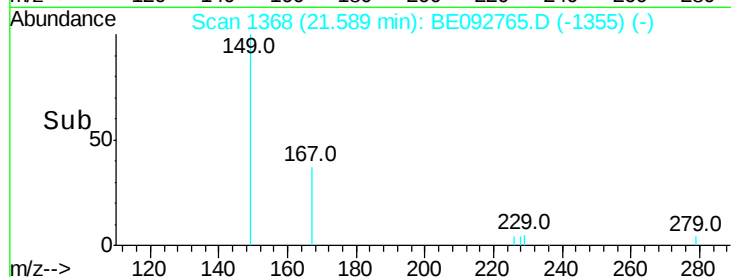
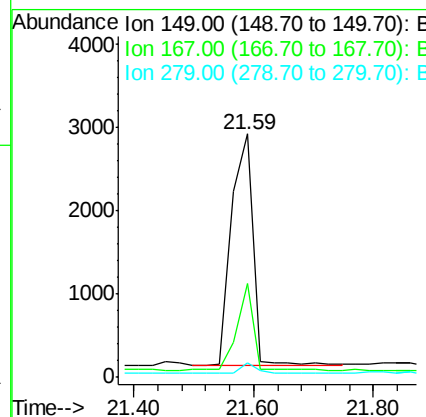
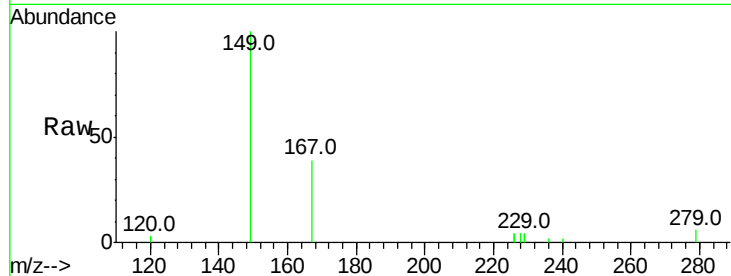
ClientSampleId :

C19013051

Tot Ion:	149	Resp:	6819
Ion Ratio	Lower	Upper	
149	100		
167	28.0	16.0	24.0#
279	3.4	16.0	24.0#

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#30

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

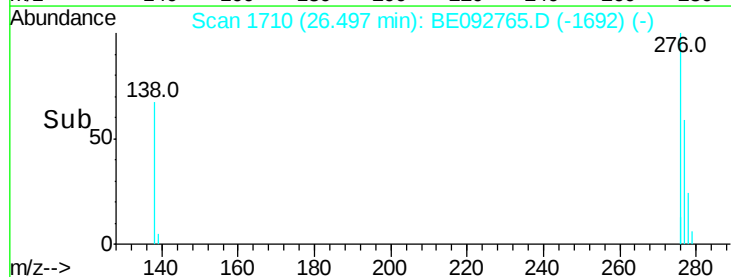
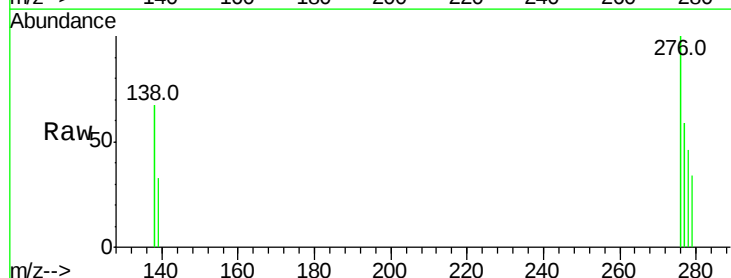
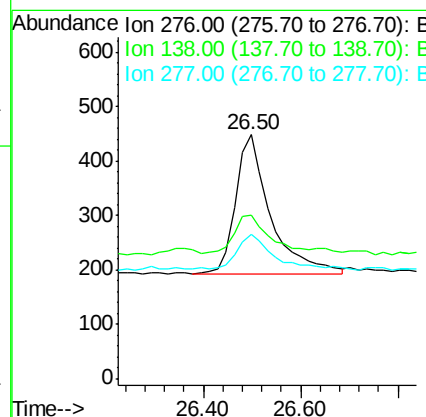
RT: 26.50 min Scan# 1710

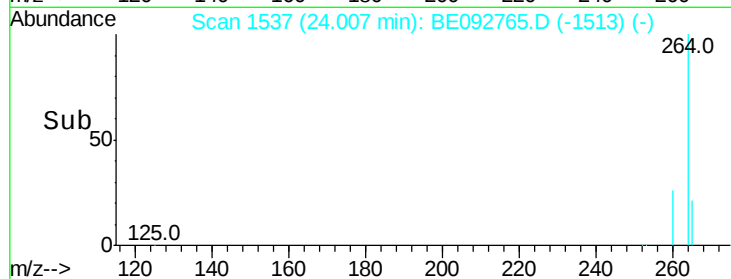
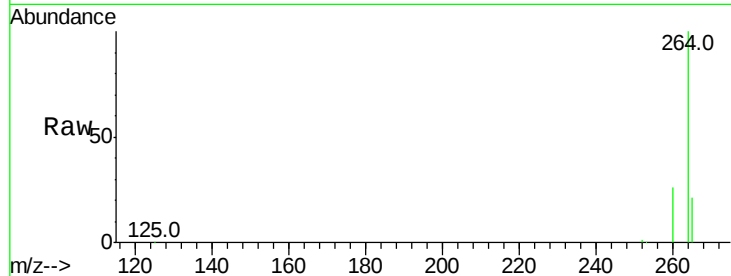
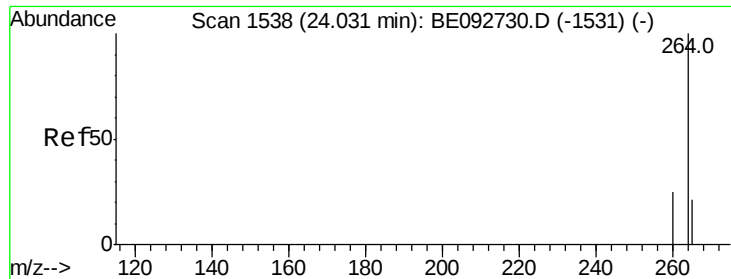
Delta R.T. 0.00 min

Lab File: BE092765.D

Acq: 28 Feb 2017 16:22

Tgt Ion:	276	Resp:	1278
Ion Ratio	Lower	Upper	
276	100		
138	26.7	20.3	30.5
277	24.5	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: BE092765.D

Acq: 28 Feb 2017 16:22

Instrument :

BNA_E

ClientSampleId :

C19013051

Tot Ion:	264	Resp:	88339
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.1	30.1
265	21.2	17.9	26.9

Manual Integrations
APPROVED

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