

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095855.D
 Acq On : 27 Mar 2018 1:08
 Operator : SJ/JU
 Sample : J1994-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-031918

Manual Integrations
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Sohil
 3/27/2018 4:58:15 PM

Quant Time: Mar 27 14:45:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1143	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4480	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2536	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6085	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6830	0.40	ng	-0.01
34) Perylene-d12	24.41	264	6711	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	728	0.19	ng	0.00
5) Phenol-d6	7.56	99	613	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	2537	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3042	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	683	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6519	0.61	ng	-0.01
25) Fluoranthene-d10	19.68	212	34886	0.39	ng	0.00
29) Terphenyl-d14	20.24	244	9273	0.64	ng	0.00
Target Compounds						
9) Naphthalene	11.29	128	62140	1.214	ng	Qvalue # 88
12) 2-Methylnaphthalene	12.86	142	46235	5.291	ng	95
17) Acenaphthene	15.06	154	2816m	0.318	ng	
18) Fluorene	16.02	166	8685	0.746	ng	# 82
23) Phenanthrene	17.74	178	2876	0.158	ng	# 94
28) Pyrene	20.06	202	822m	0.030	ng	
32) Bis(2-ethylhexyl)phthalate	21.64	149	22379	0.309	ng	100

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

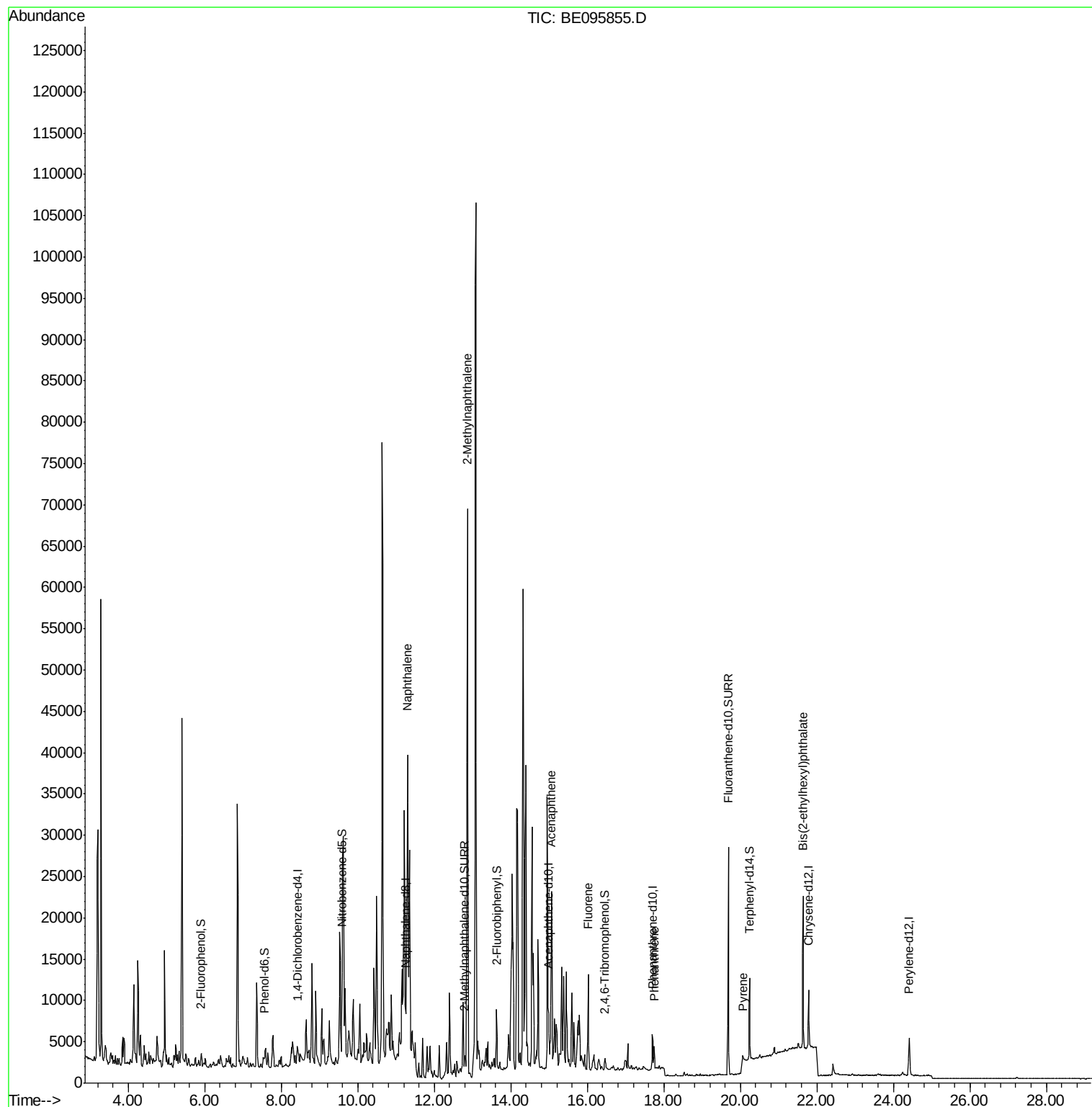
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
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Sample : J1994-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

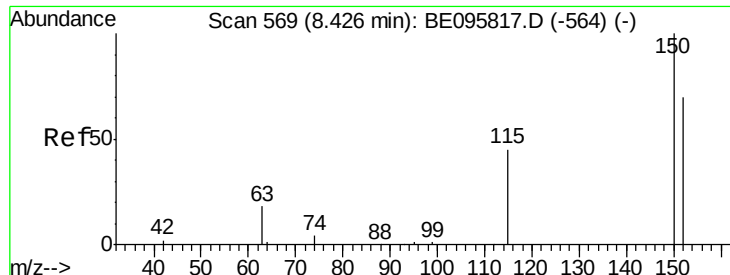
Instrument :
BNA_E
ClientSampleId :
DUP-031918

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
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QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

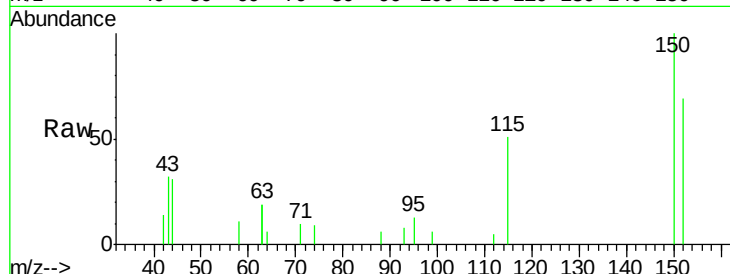
ClientSampled :

DUP-031918

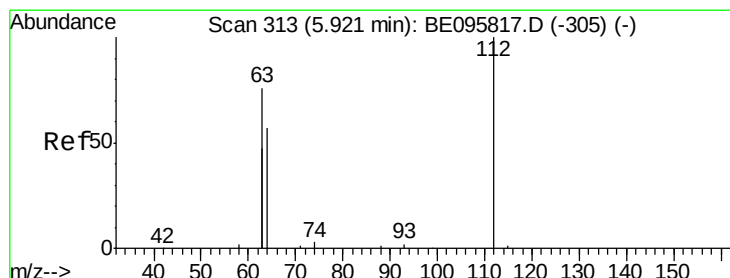
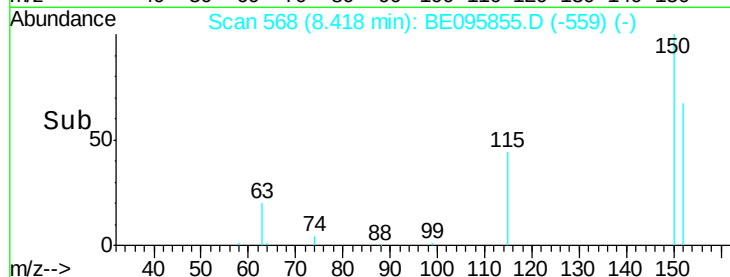
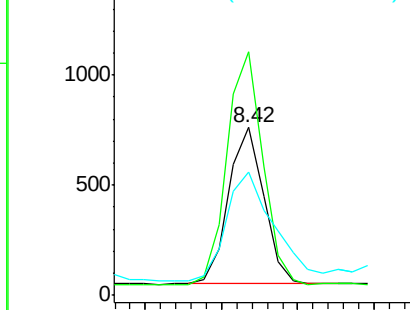
Tot Ion:	152	Resp:	1143
Ion	Ratio	Lower	Upper
152	100		
150	145.2	117.2	175.8
115	73.9	57.0	85.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.193 ng

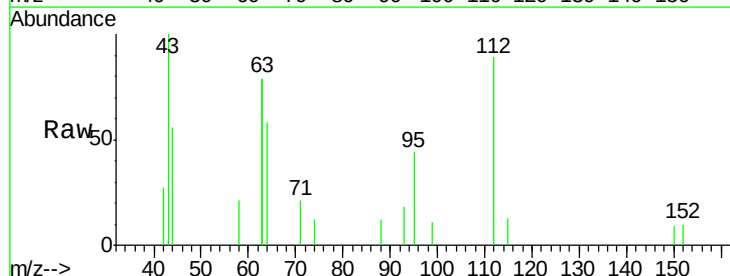
RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

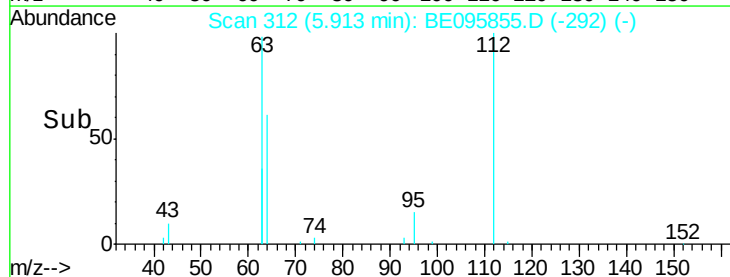
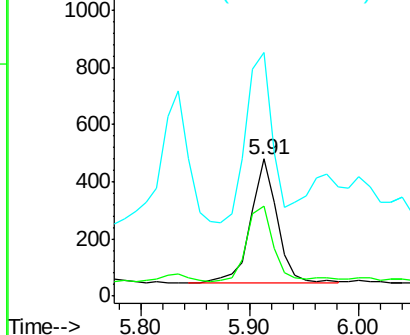
Lab File: BE095855.D

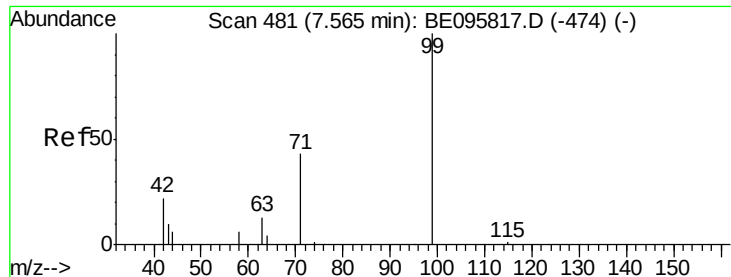
Acq: 27 Mar 2018 1:08

Tgt Ion:	112	Resp:	728
Ion	Ratio	Lower	Upper
112	100		
64	61.8	60.1	90.1
63	140.7	116.8	175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

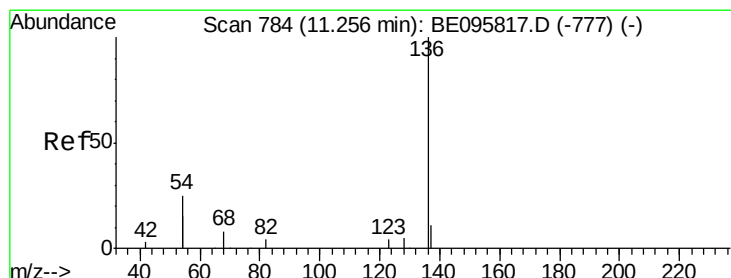
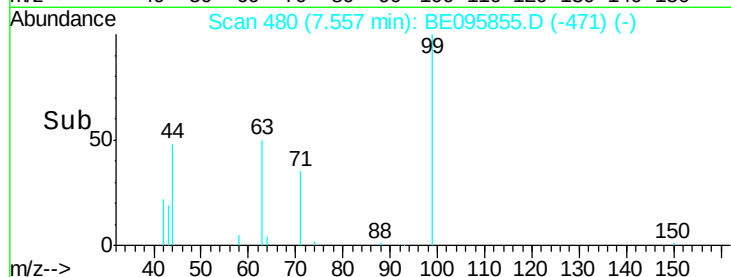
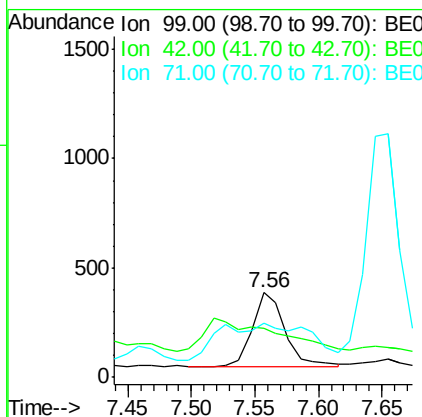
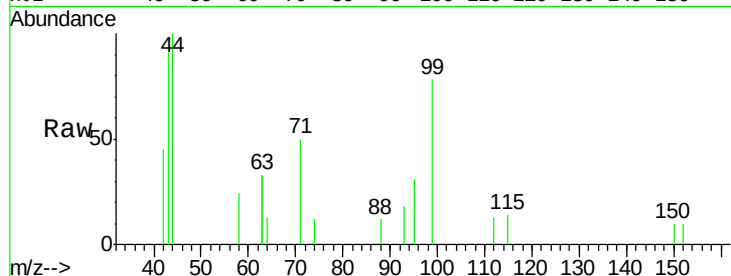
ClientSampled :

DUP-031918

Tot Ion:	99	Resp:	613
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

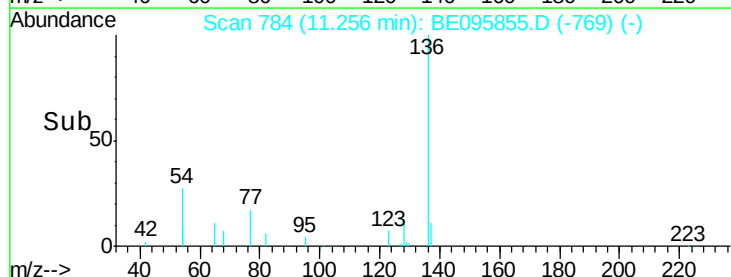
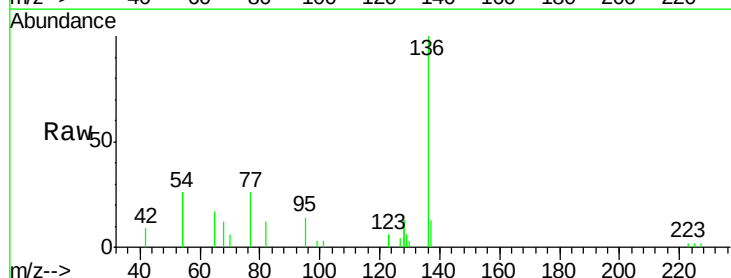
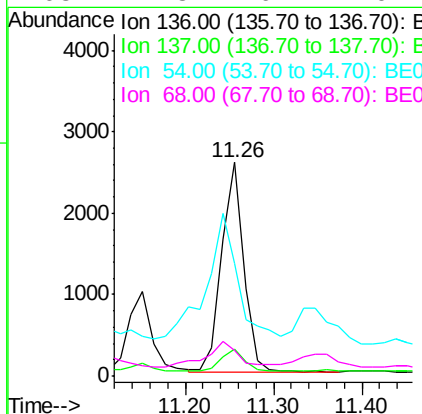
RT: 11.26 min Scan# 784

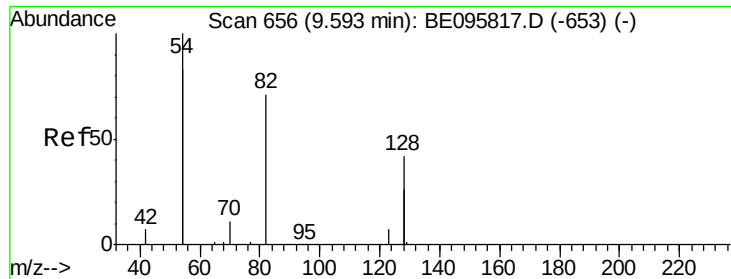
Delta R.T. -0.00 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tgt Ion:	136	Resp:	4480
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	52.8	29.1	43.7#
68	11.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.479 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

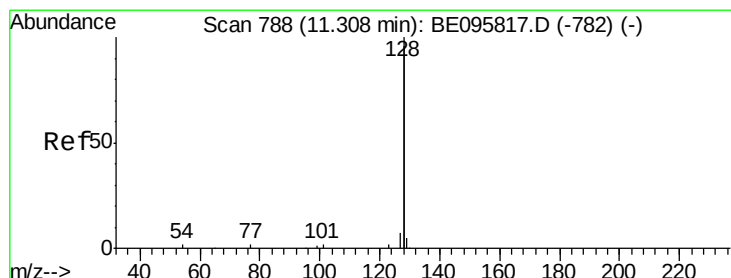
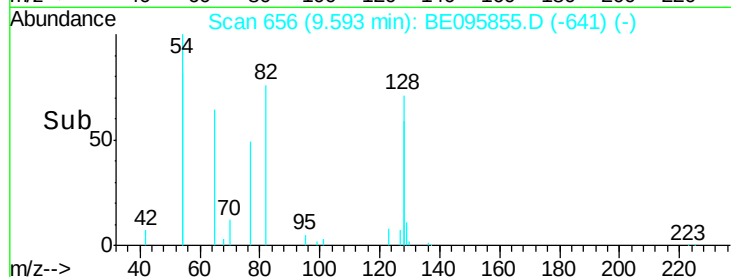
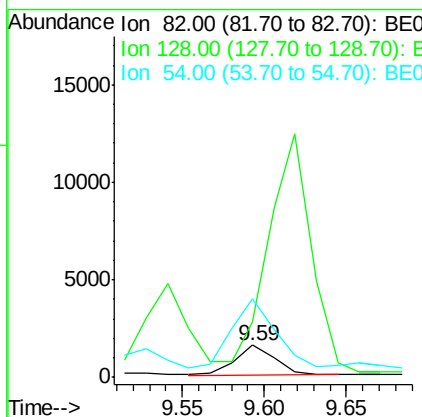
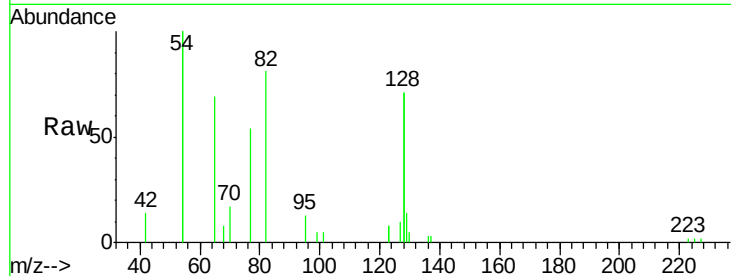
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
82	100		
128	173.8	150.0	225.0
54	246.4	154.2	231.4

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#9

Naphthalene

Concen: 1.214 ng

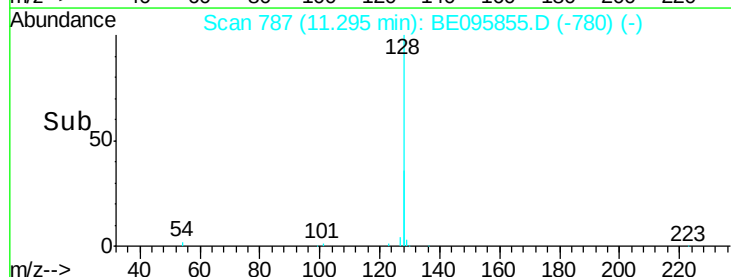
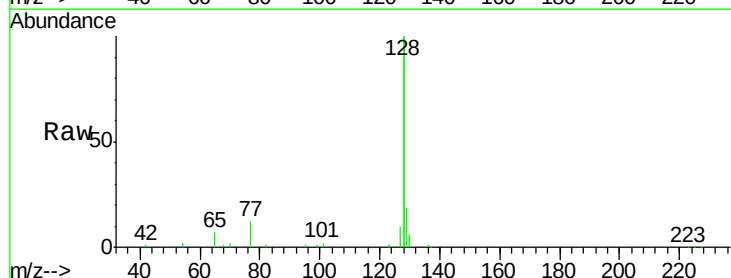
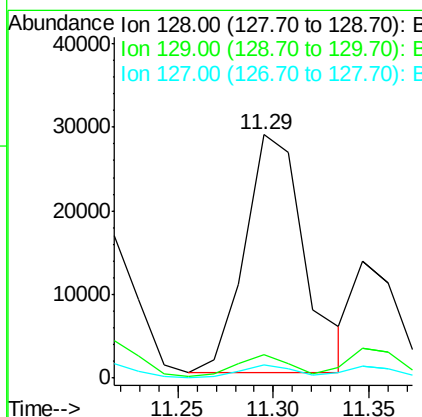
RT: 11.29 min Scan# 787

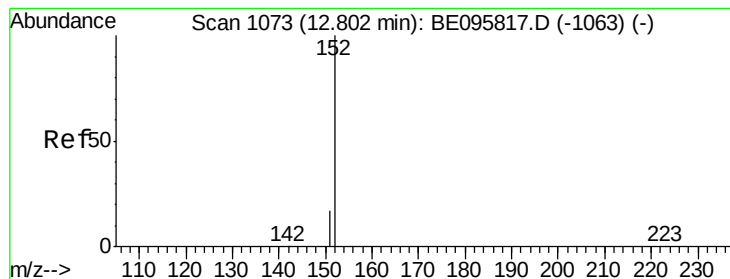
Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.5	2.6	3.8
127	5.2	2.8	4.2





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

ClientSampleId :

DUP-031918

Tot Ion:152 Resp: 3042

Ion Ratio Lower Upper

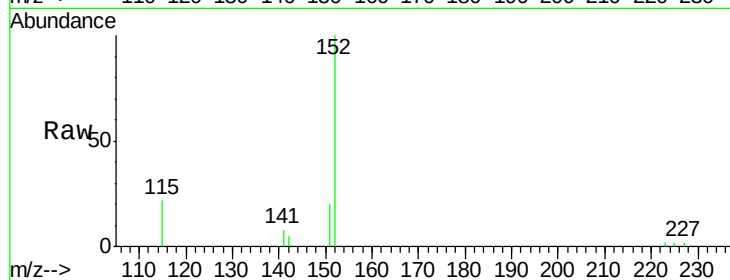
152 100

151 21.5 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2000

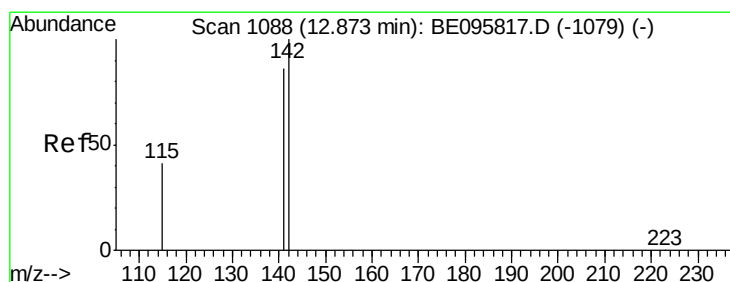
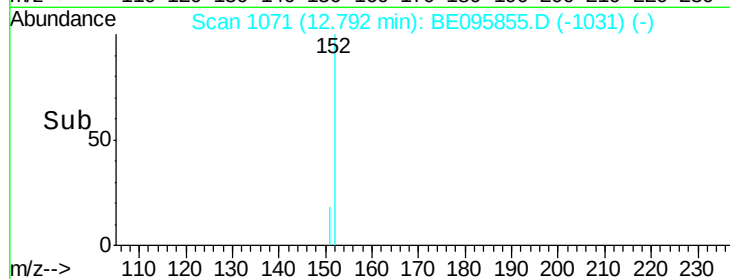
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 5.291 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

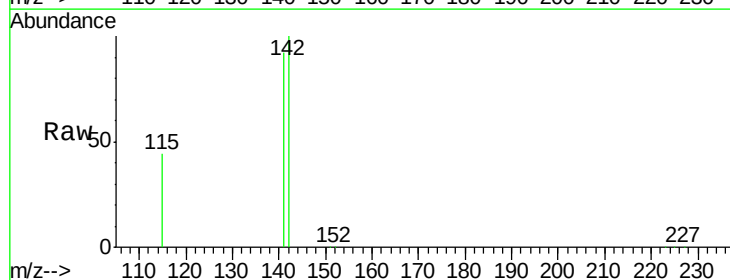
Tgt Ion:142 Resp: 46235

Ion Ratio Lower Upper

142 100

141 92.0 70.4 105.6

115 44.2 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.86

40000

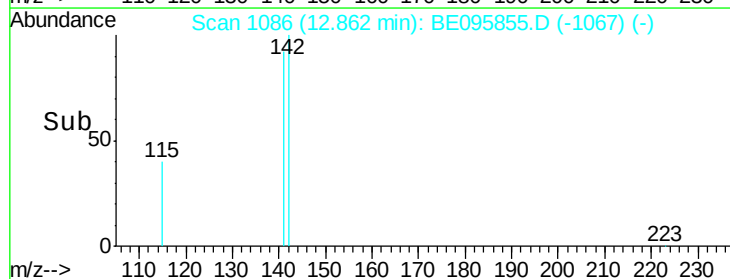
30000

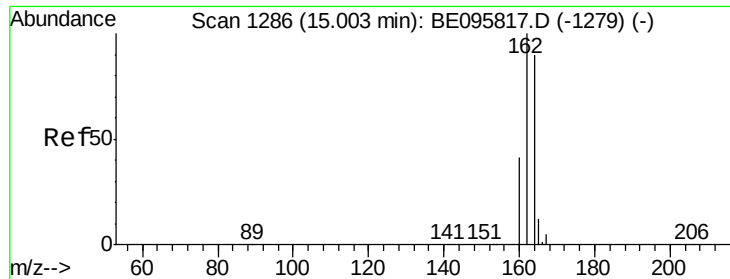
20000

10000

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

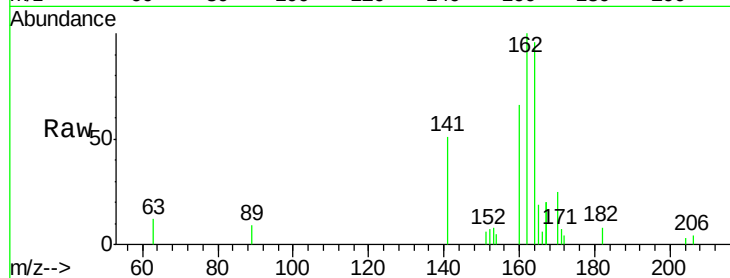
ClientSampled :

DUP-031918

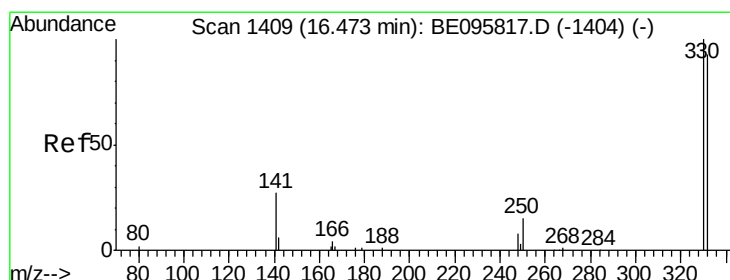
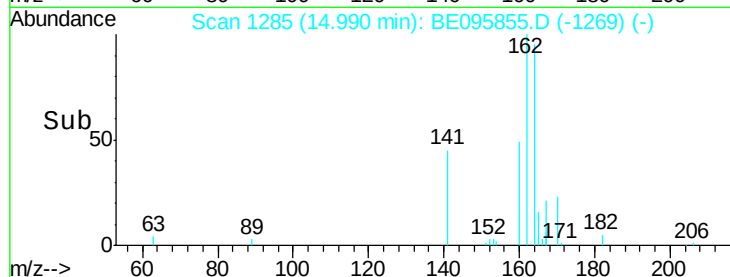
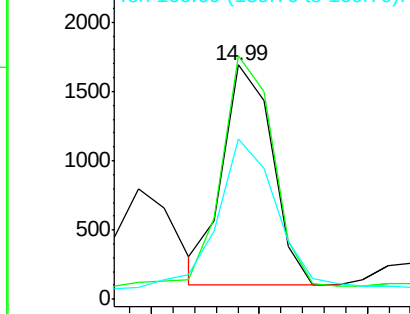
Tot Ion:	164	Resp:	2536
Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.1	124.7
160	68.5	37.1	55.7#

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.467 ng

RT: 16.46 min Scan# 1408

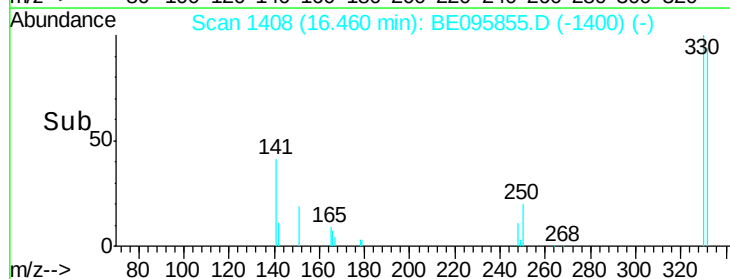
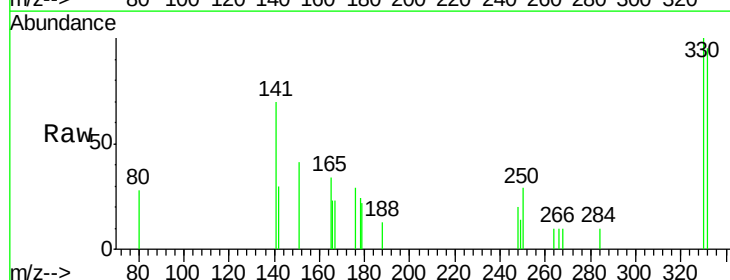
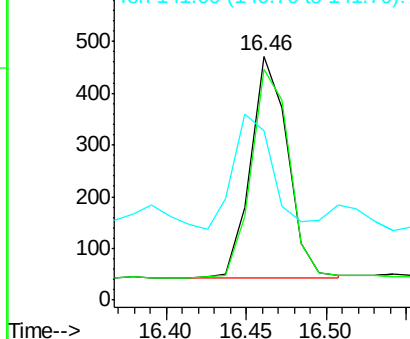
Delta R.T. -0.01 min

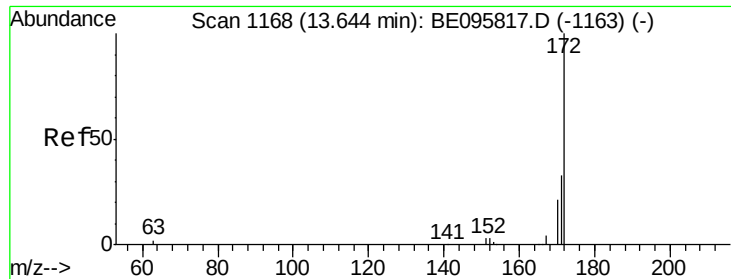
Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tgt Ion:	330	Resp:	683
Ion	Ratio	Lower	Upper
330	100		
332	96.8	152.7	229.1#
141	54.9	33.7	50.5#

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





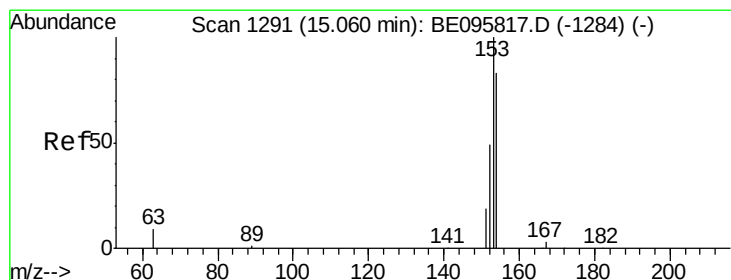
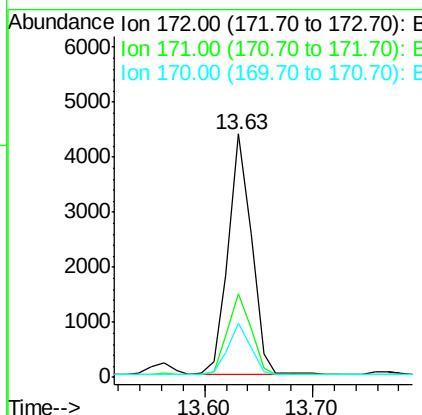
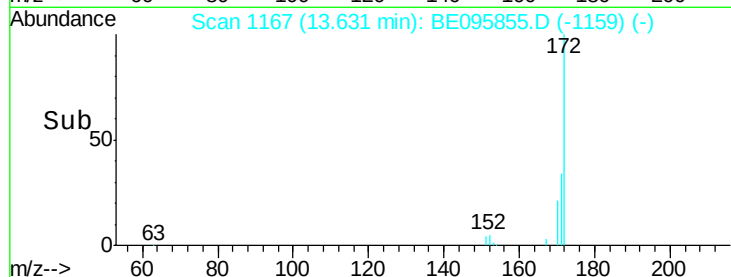
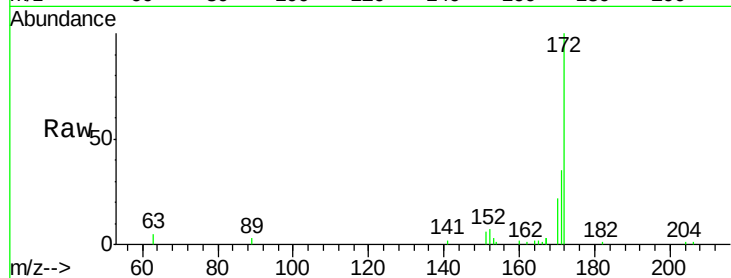
#15
2-Fluorobiphenyl
Concen: 0.610 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095855.D
Acq: 27 Mar 2018 1:08

Instrument :
BNA_E
ClientSampleId :
DUP-031918

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	22.3	21.8	32.8

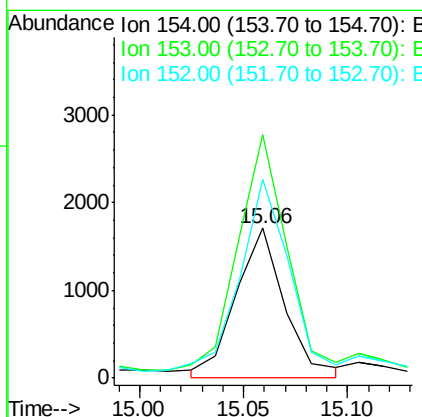
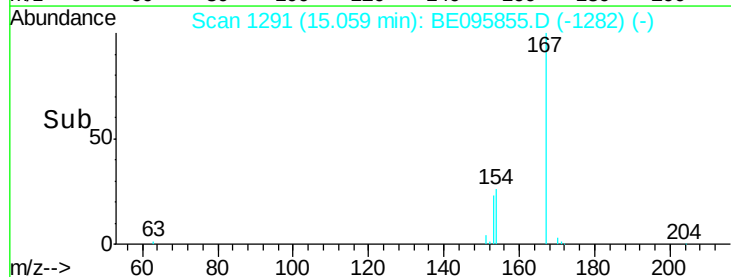
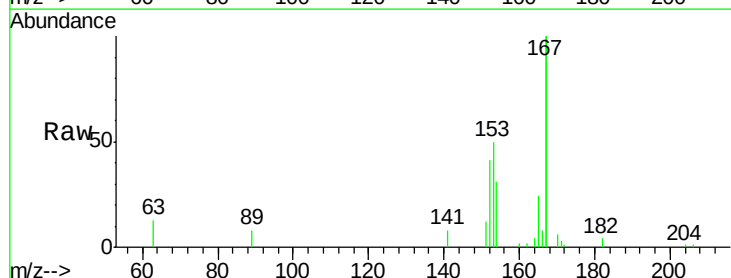
Manual Integrations
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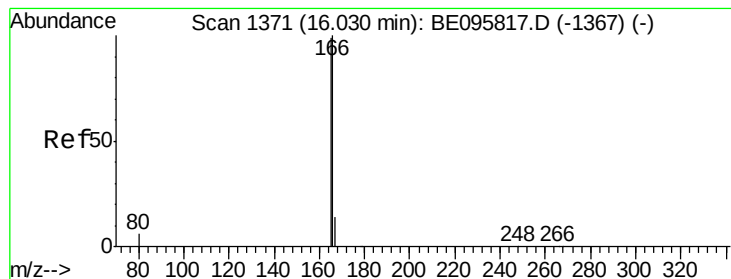
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#17
Acenaphthene
Concen: 0.318 ng m
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095855.D
Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#





#18

Fluorene

Concen: 0.746 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

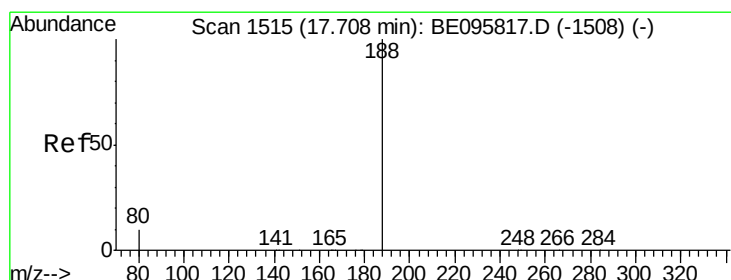
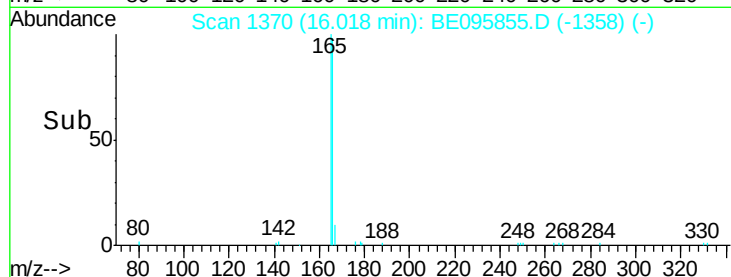
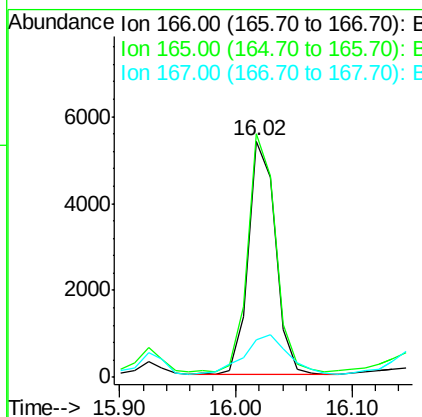
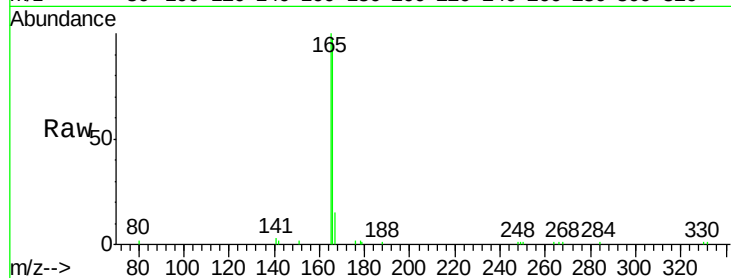
ClientSampled :

DUP-031918

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.5	77.8	116.6
167	26.2	42.4	63.6#

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.400 ng

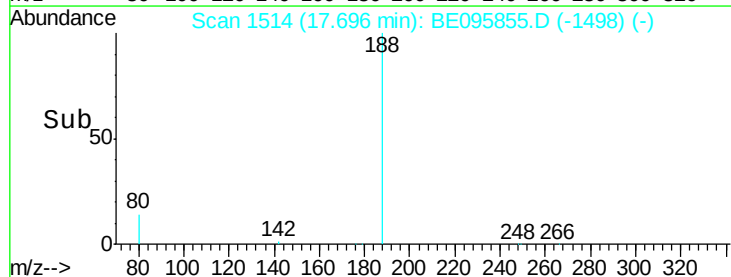
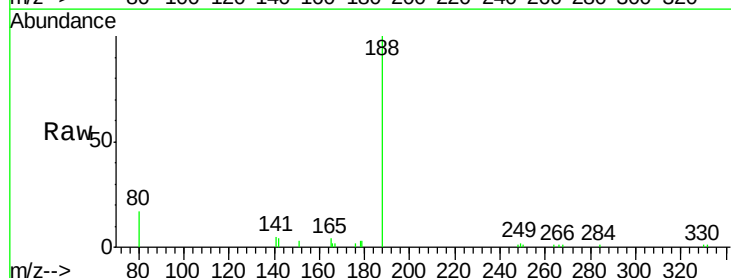
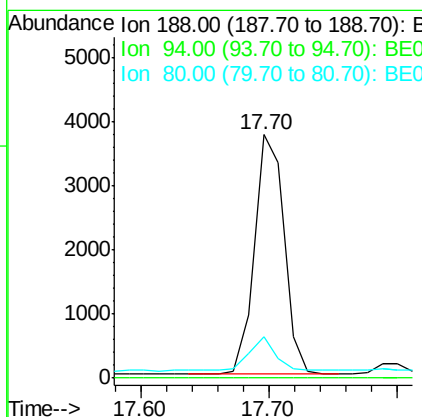
RT: 17.70 min Scan# 1514

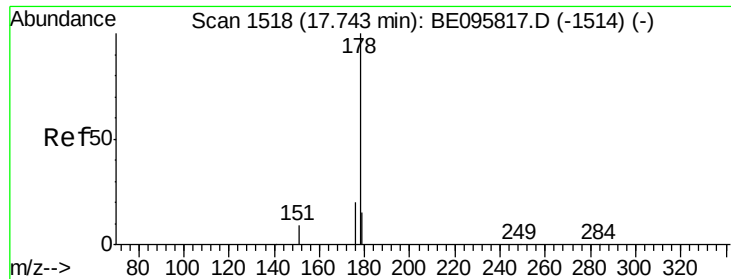
Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.7	3.6	5.4#





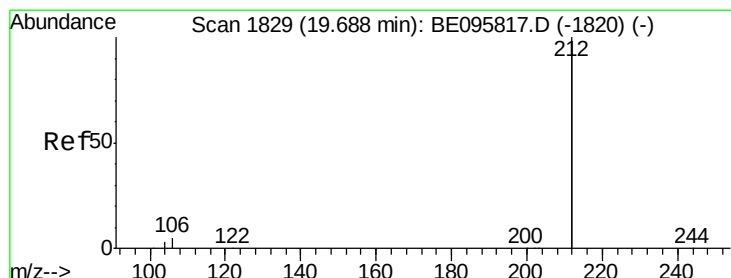
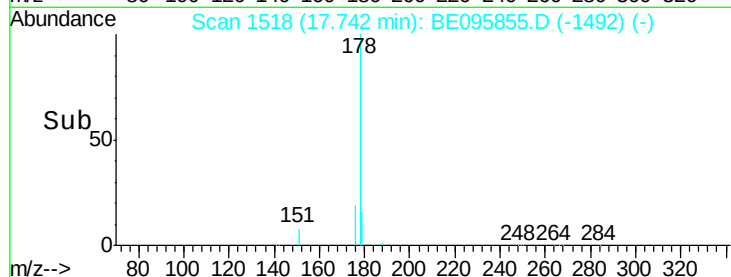
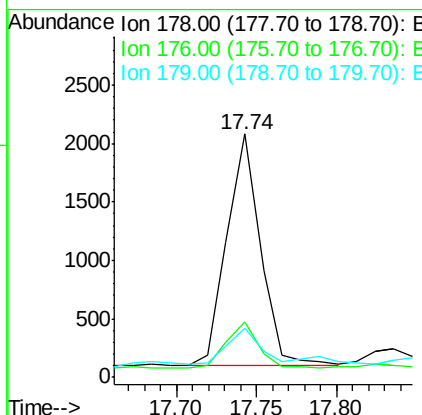
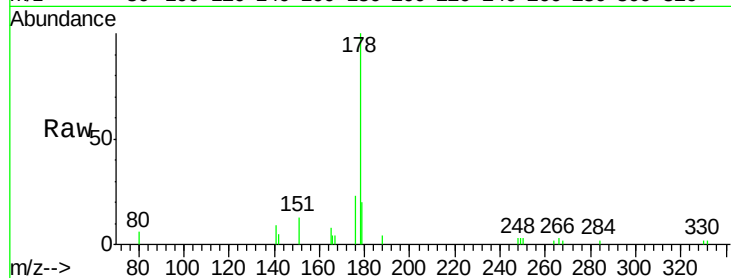
#23
Phenanthrene
Concen: 0.158 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095855.D
Acq: 27 Mar 2018 1:08

Instrument :
BNA_E
ClientSampleId :
DUP-031918

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	19.3	11.8	17.6

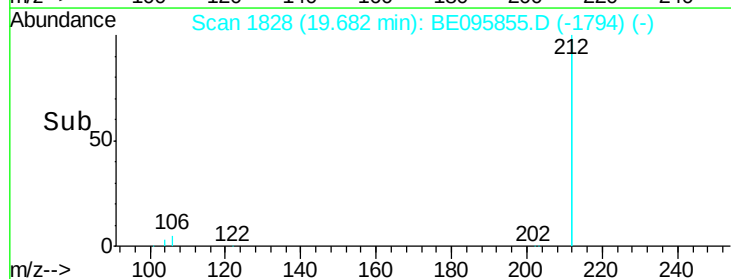
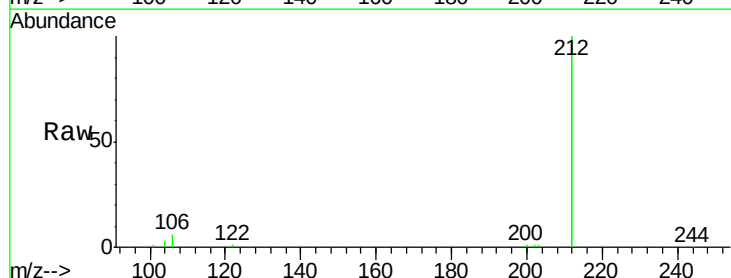
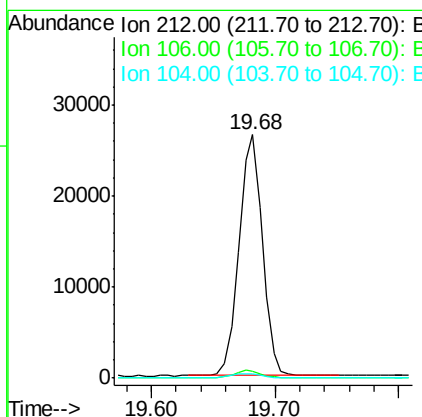
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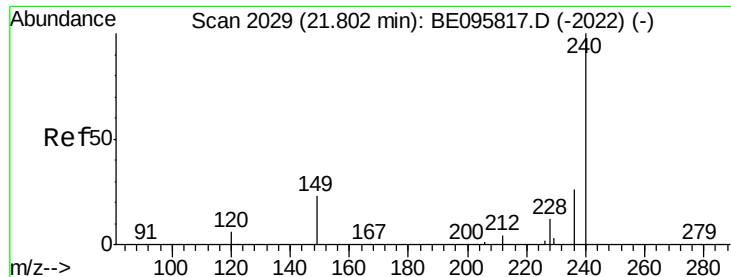
Sohil
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#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095855.D
Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Instrument :

BNA_E

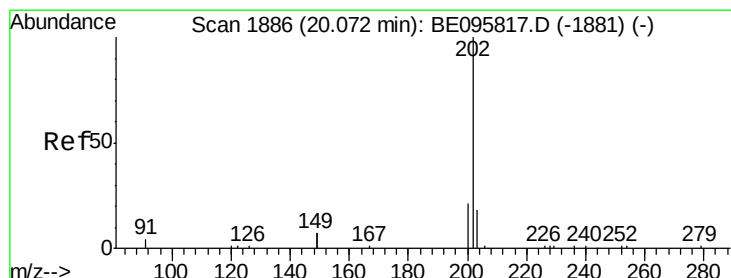
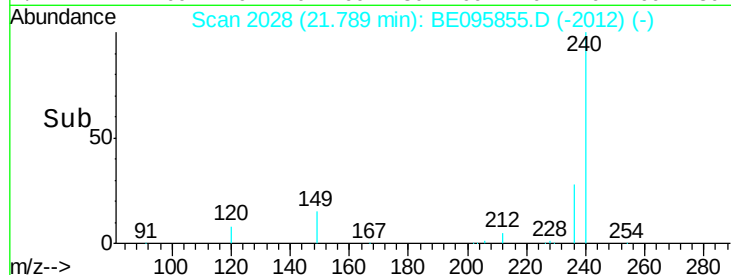
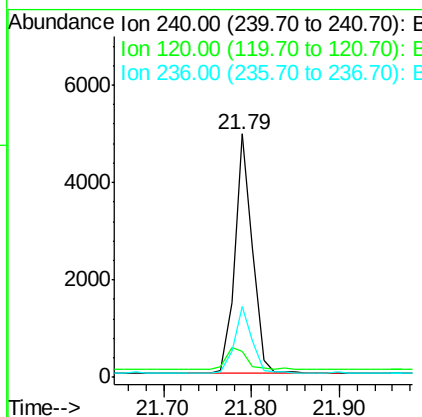
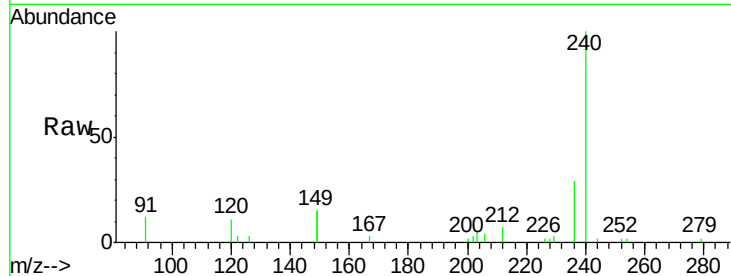
ClientSampled :

DUP-031918

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.5	8.3#
236	29.2	20.7	31.1

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#28

Pyrene

Concen: 0.030 ng m

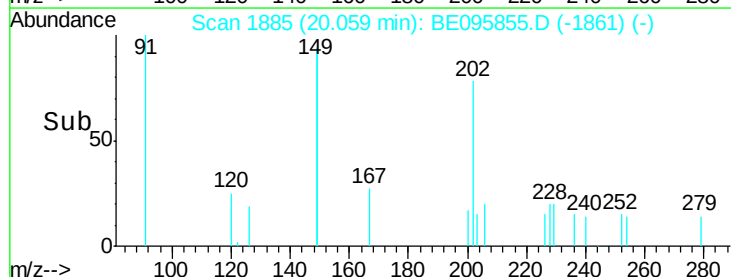
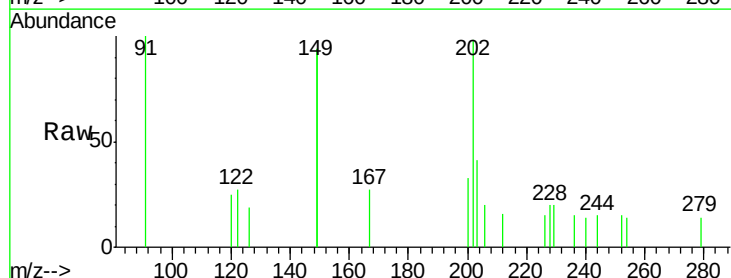
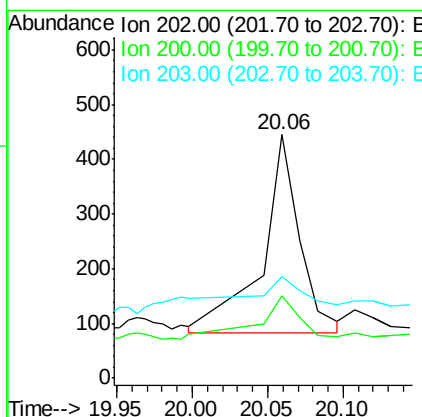
RT: 20.06 min Scan# 1885

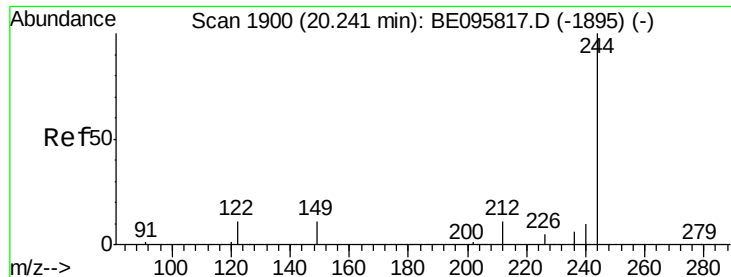
Delta R.T. -0.01 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	25.0#
203	0.0	13.8	20.8#





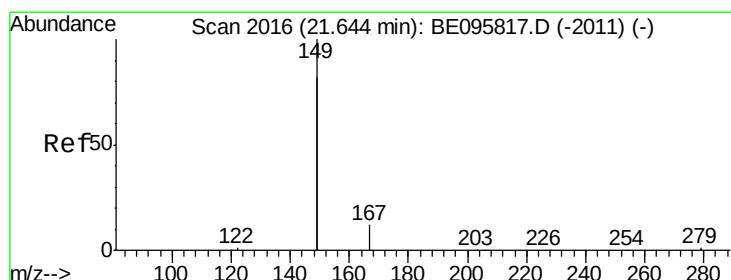
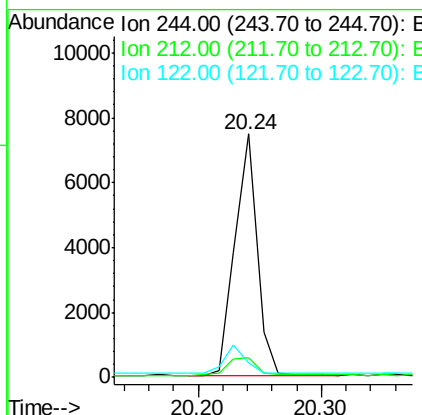
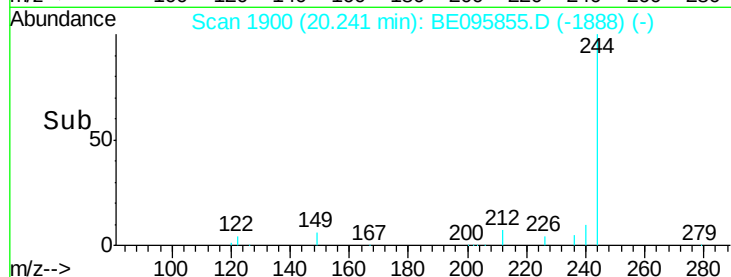
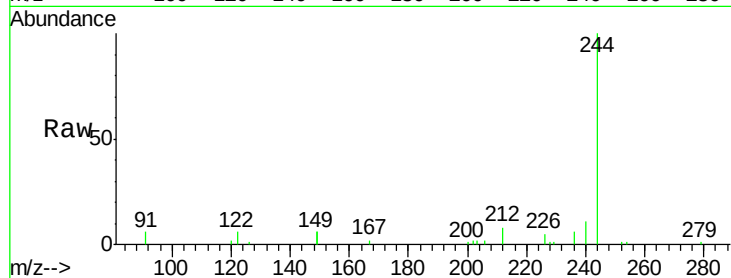
#29
 Terphenyl-d14
 Concen: 0.639 ng
 RT: 20.24 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BE095855.D
 Acq: 27 Mar 2018 1:08

Instrument :
 BNA_E
 ClientSampleID :
 DUP-031918

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	5.8	8.1	12.1#

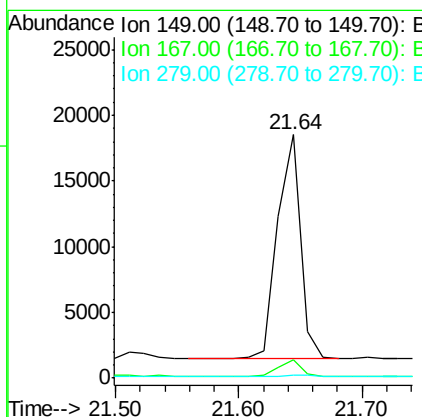
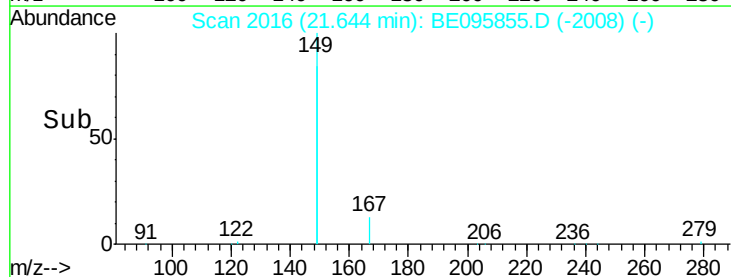
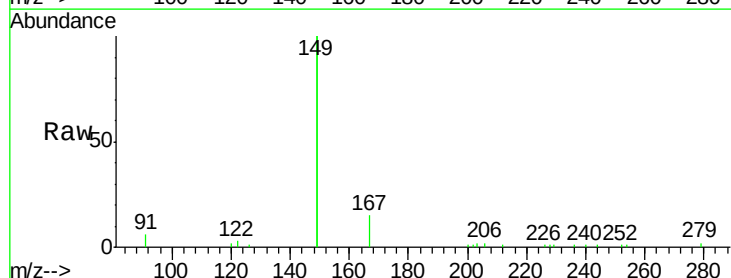
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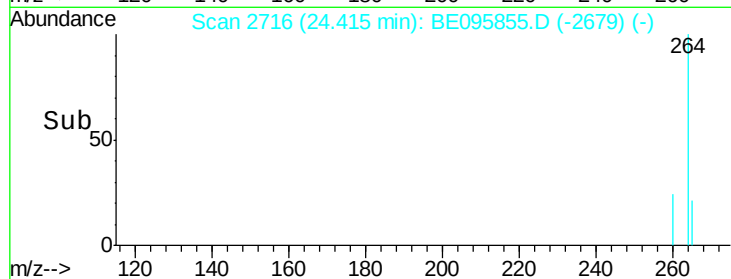
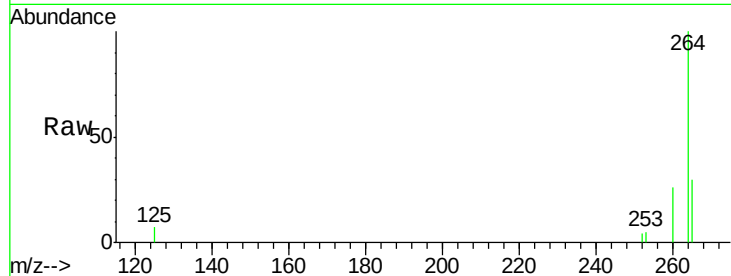
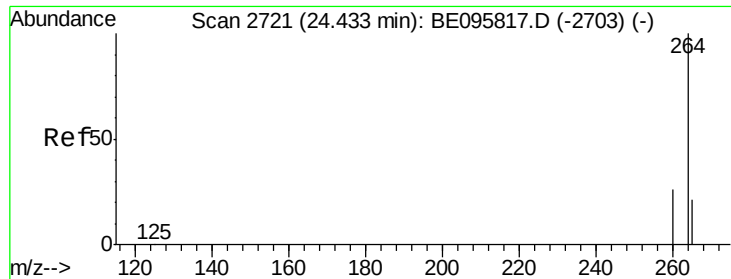
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.309 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095855.D
 Acq: 27 Mar 2018 1:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095855.D

Acq: 27 Mar 2018 1:08

Tot Ion:	264	Resp:	6711
Ion Ratio	Lower	Upper	
264	100		
260	26.4	20.5	30.7
265	29.7	22.8	34.2

Instrument :

BNA_E

ClientSampleId :

DUP-031918

Manual Integrations
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3/27/2018 4:58:15 PM

