

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095924.D
 Acq On : 2 Apr 2018 13:10
 Operator : SJ/JU
 Sample : J2083-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SY-3DD-20180326

Manual Integrations
 APPROVED

Sohil
 4/3/2018 4:35:46 PM

Quant Time: Apr 03 10:54:08 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	1189	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4805	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2851	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6407	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6974	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6851	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	632	0.16	ng	0.00
5) Phenol-d6	7.56	99	522	0.10	ng	0.00
8) Nitrobenzene-d5	9.59	82	2406	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3290	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	721	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5735	0.48	ng	-0.01
25) Fluoranthene-d10	19.68	212	37743	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	7717	0.52	ng	0.00
Target Compounds						
9) Naphthalene	11.31	128	1138	0.021	ng	# 82
12) 2-Methylnaphthalene	12.86	142	218	0.023	ng	# 86
18) Fluorene	16.02	166	337m	0.026	ng	
23) Phenanthrene	17.74	178	840	0.044	ng	99
24) Anthracene	17.84	178	389	0.020	ng	94
26) Fluoranthene	19.71	202	705	0.026	ng	# 90
28) Pyrene	20.06	202	824	0.029	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.64	149	6822	0.092	ng	# 98

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

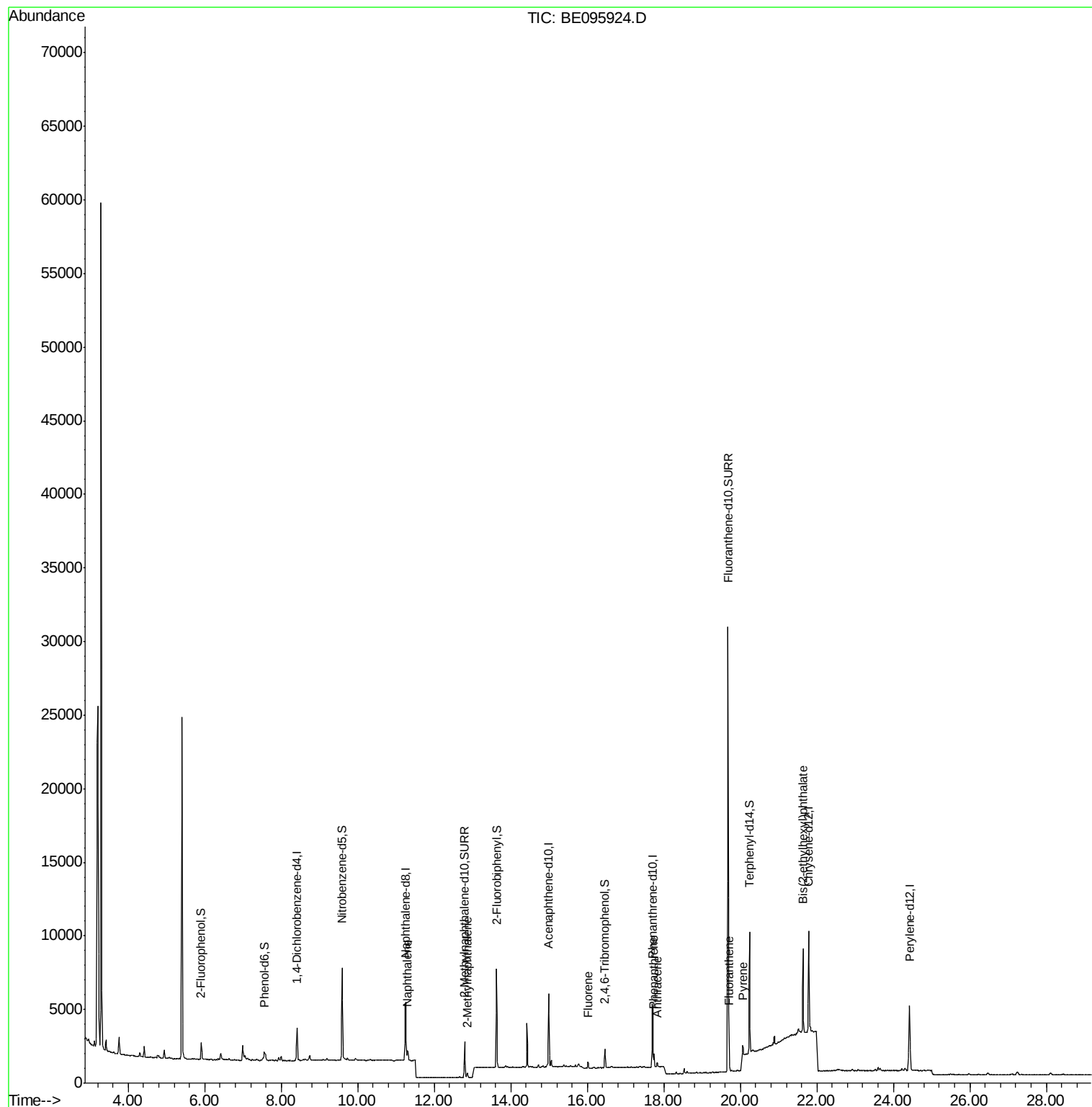
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095924.D
Acq On : 2 Apr 2018 13:10
Operator : SJ/JU
Sample : J2083-02
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Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
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#1

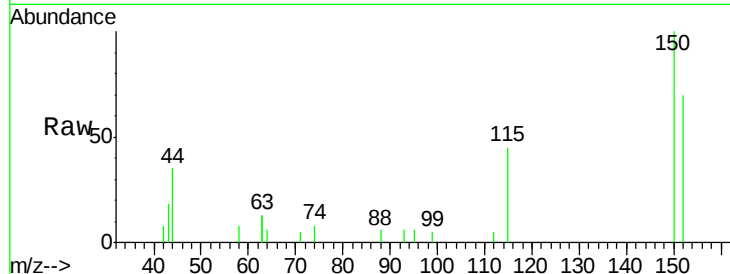
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BE095924.D
 Acq: 2 Apr 2018 13:10

Instrument :
 BNA_E
 ClientSampleId :
 SY-3DD-20180326

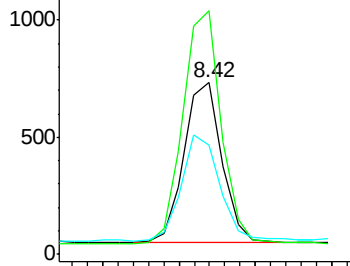
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	117.2	175.8
115	63.9	57.0	85.6

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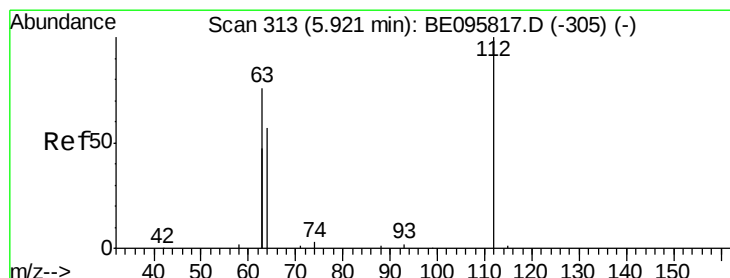
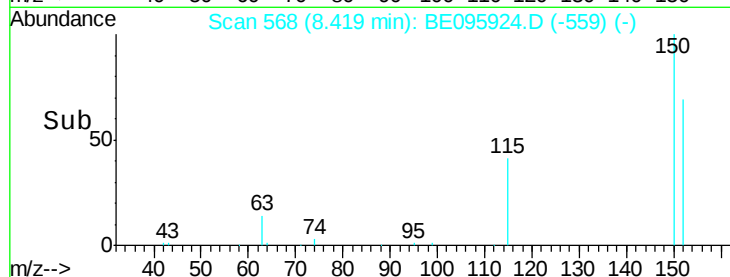
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Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



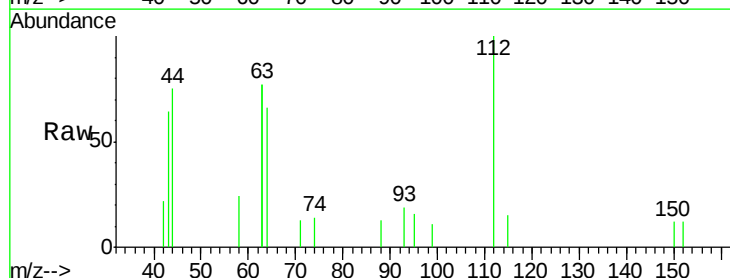
Time-->



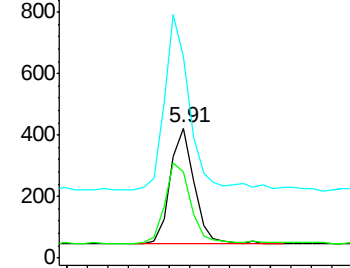
#4

2-Fluorophenol
 Concen: 0.161 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095924.D
 Acq: 2 Apr 2018 13:10

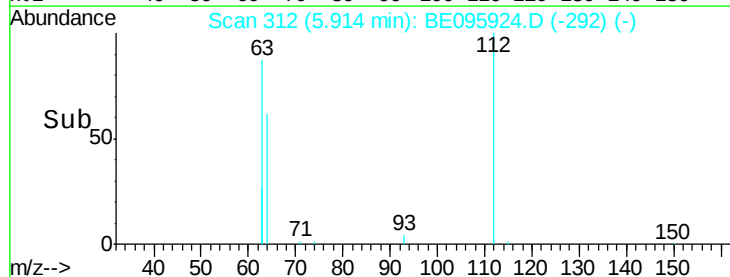
Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	151.7	116.8	175.2

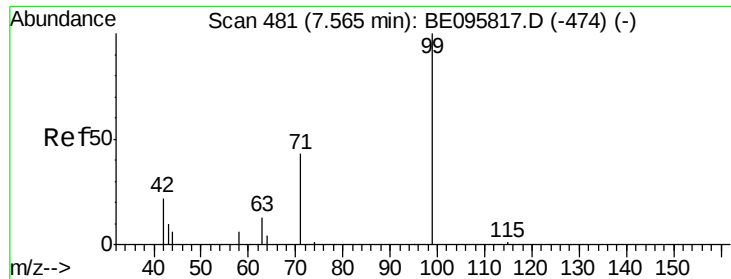


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

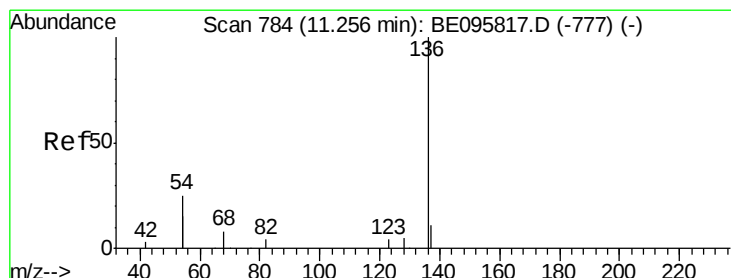
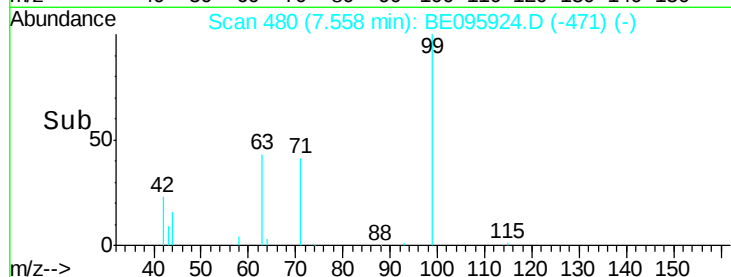
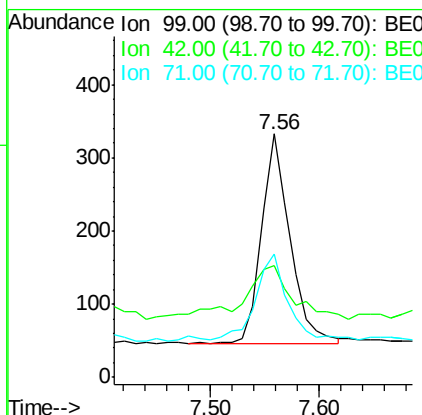
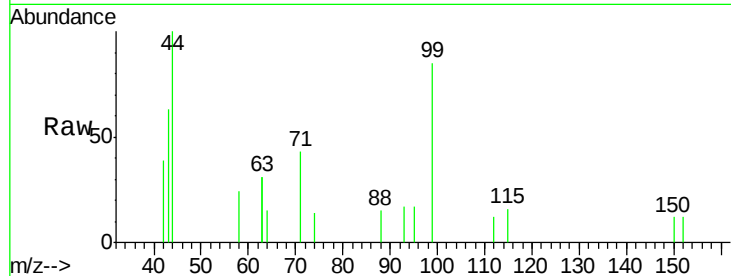
ClientSampleId :

SY-3DD-20180326

Tot Ion:	99	Resp:	522
Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.2	30.2#
71	45.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

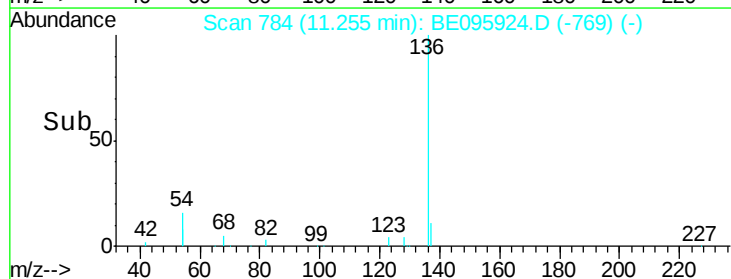
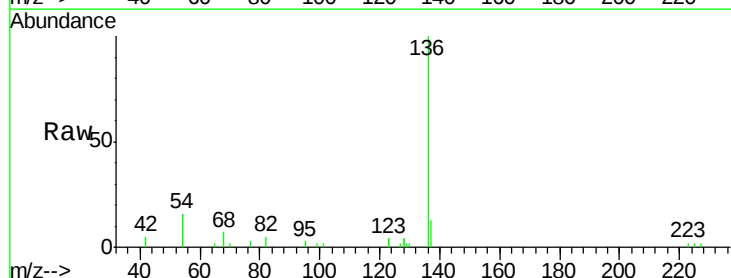
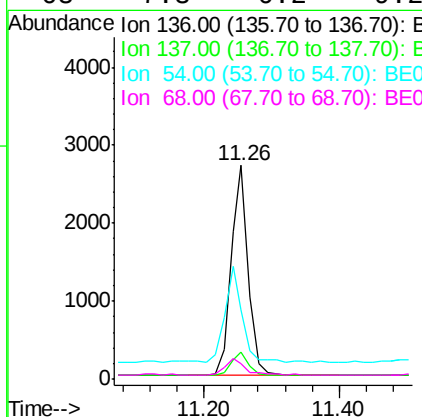
RT: 11.26 min Scan# 784

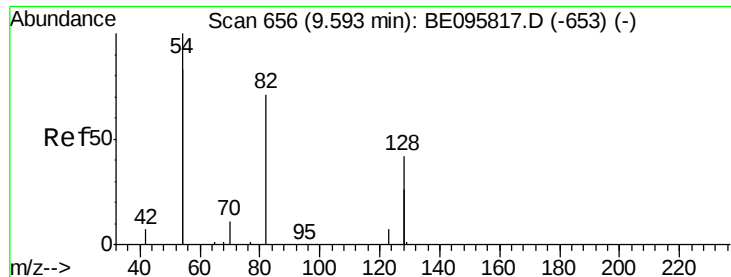
Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion:	136	Resp:	4805
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	32.1	29.1	43.7
68	7.3	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

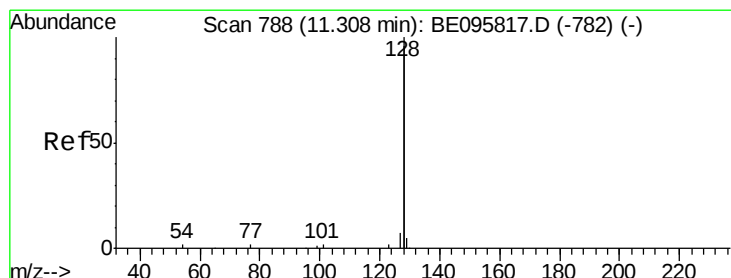
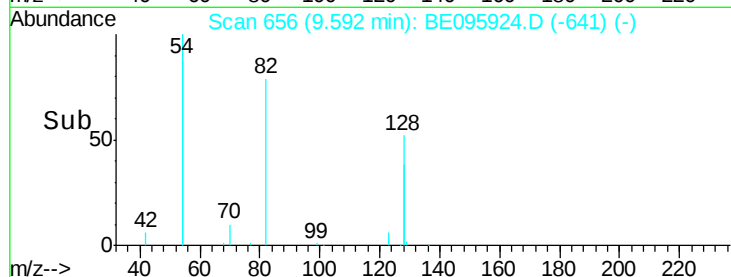
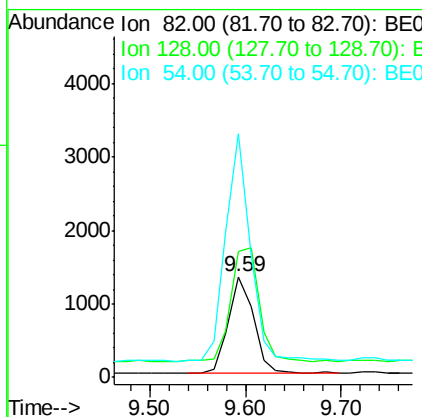
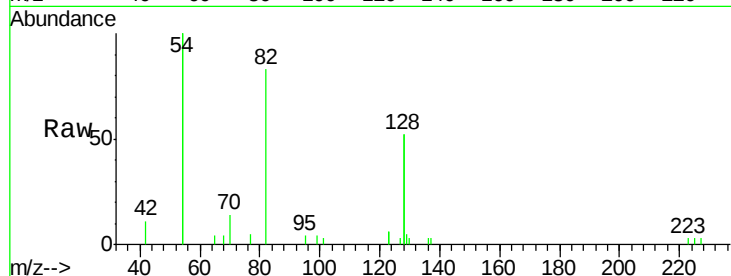
ClientSampleId :

SY-3DD-20180326

Tot Ion	82	Resp	2406
Ion	Ratio	Lower	Upper
82	100		
128	125.2	150.0	225.0#
54	241.9	154.2	231.4#

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#9

Naphthalene

Concen: 0.021 ng

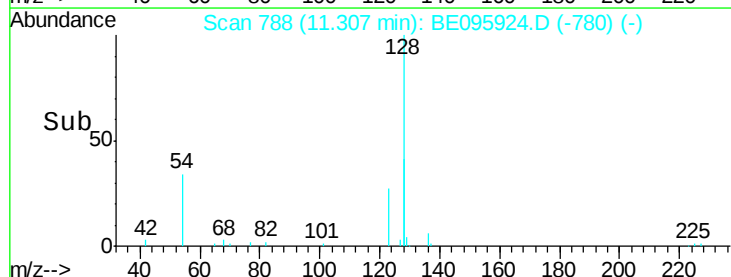
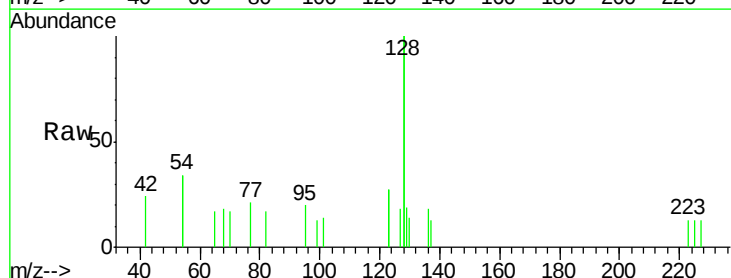
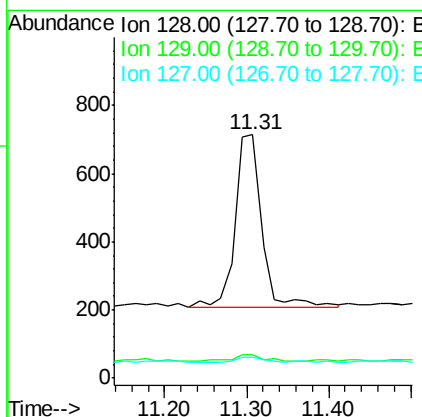
RT: 11.31 min Scan# 788

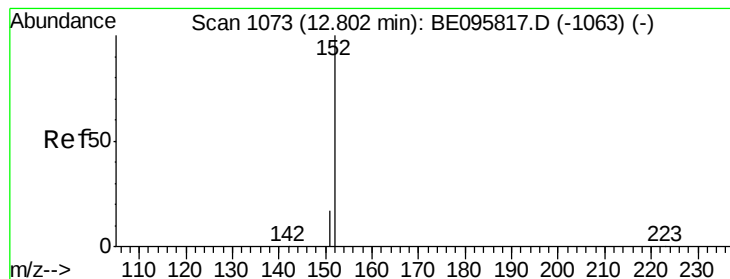
Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion	128	Resp	1138
Ion	Ratio	Lower	Upper
128	100		
129	9.7	2.6	3.8#
127	8.8	2.8	4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

ClientSampleId :

SY-3DD-20180326

Tot Ion:152 Resp: 3290

Ion Ratio Lower Upper

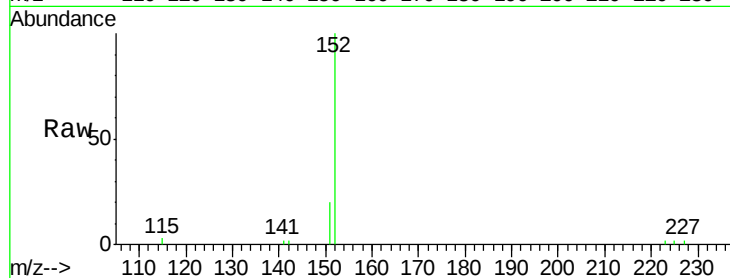
152 100

151 19.5 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

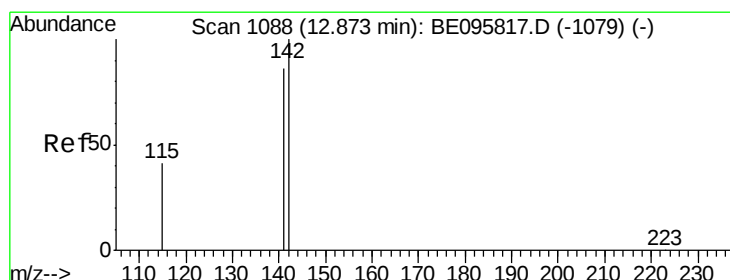
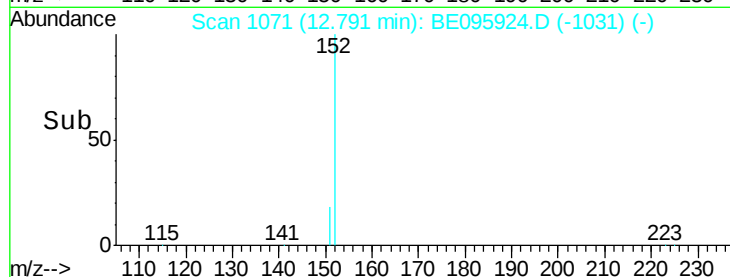
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

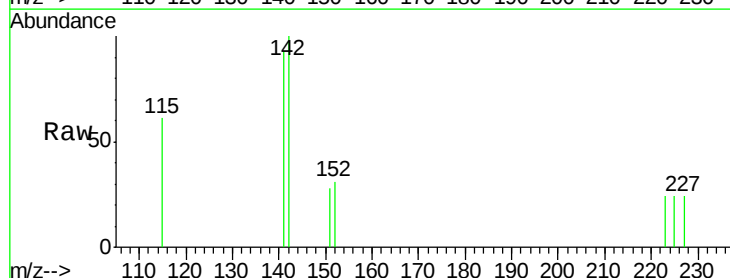
Tgt Ion:142 Resp: 218

Ion Ratio Lower Upper

142 100

141 92.6 70.4 105.6

115 61.2 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

200

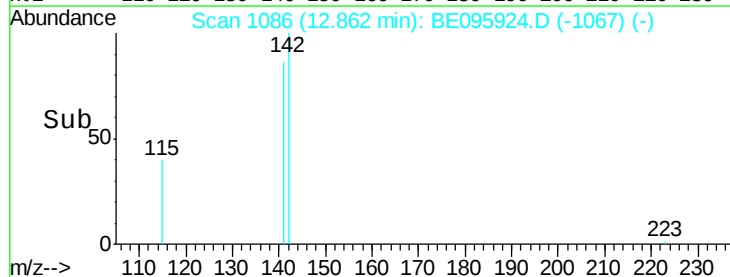
150

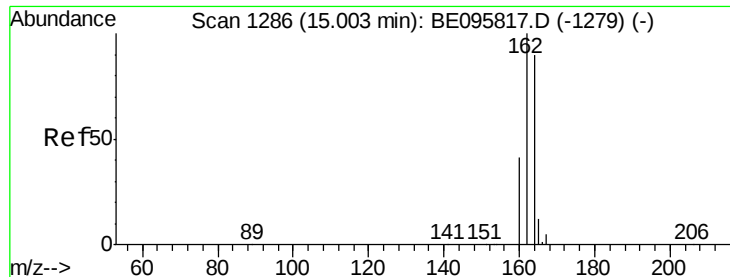
100

50

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

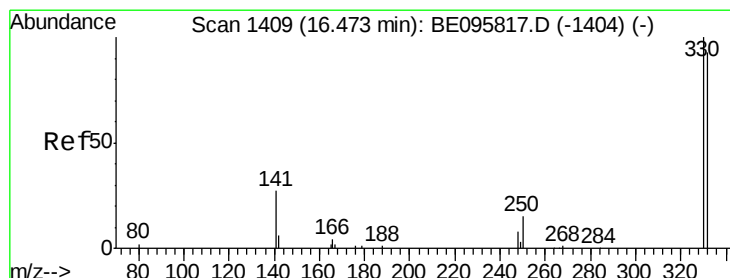
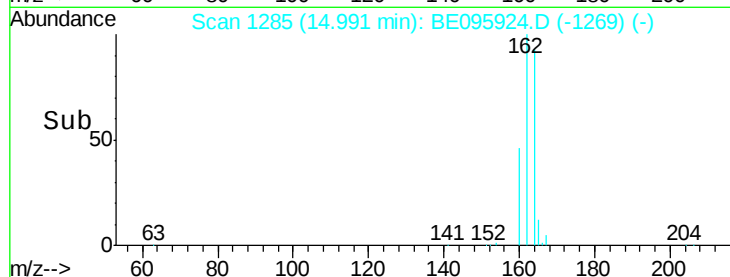
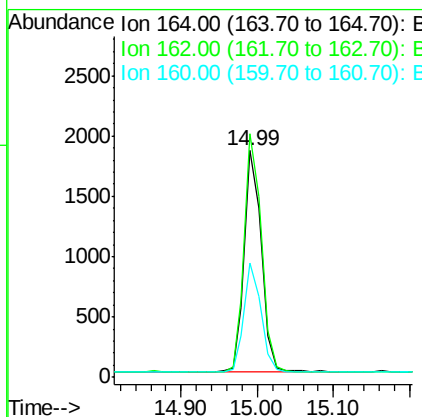
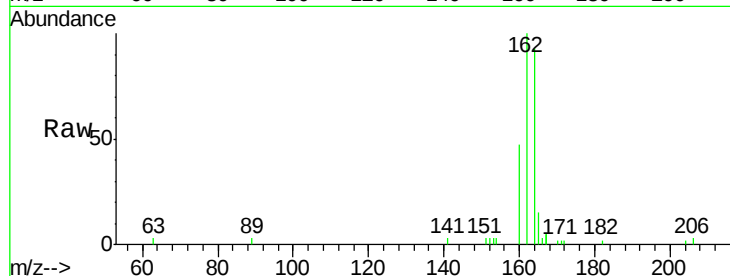
ClientSampleId :

SY-3DD-20180326

Tot Ion:	164	Resp:	2851
Ion Ratio	Lower	Upper	
164	100		
162	107.4	83.1	124.7
160	50.5	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.438 ng

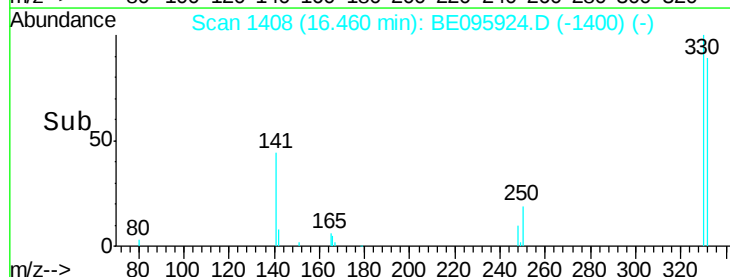
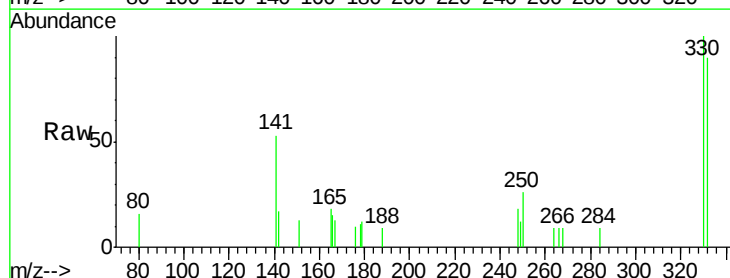
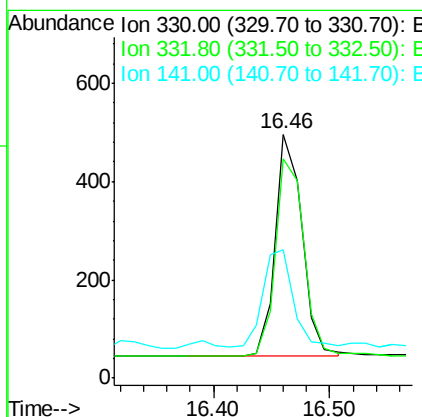
RT: 16.46 min Scan# 1408

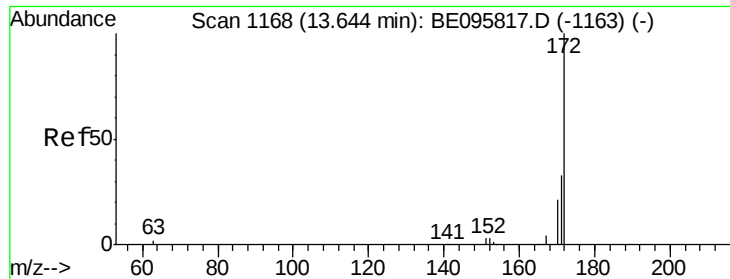
Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion:	330	Resp:	721
Ion Ratio	Lower	Upper	
330	100		
332	94.0	152.7	229.1#
141	50.5	33.7	50.5





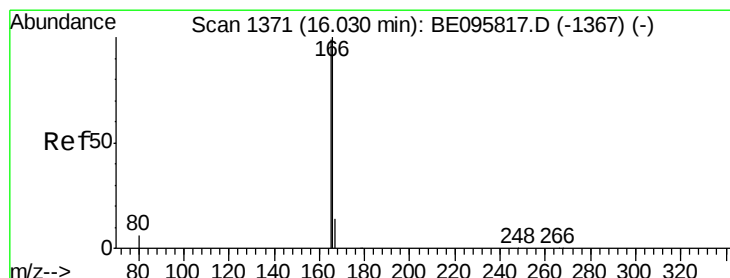
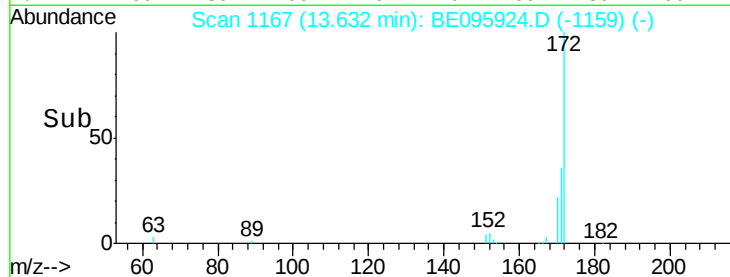
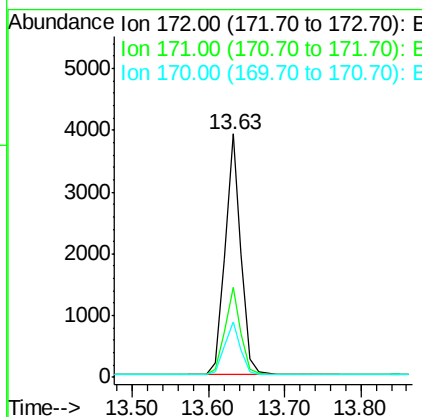
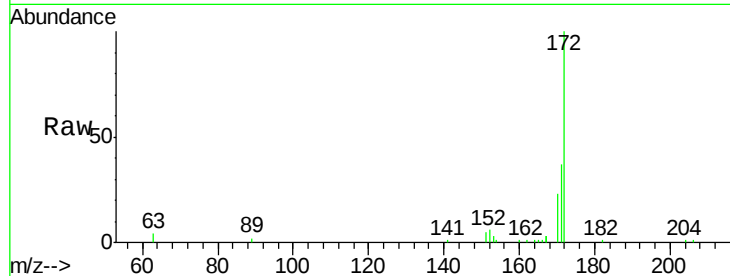
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Instrument :
BNA_E
ClientSampleId :
SY-3DD-20180326

Tot Ion:	172	Resp:	5735
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.9	44.9
170	22.6	21.8	32.8

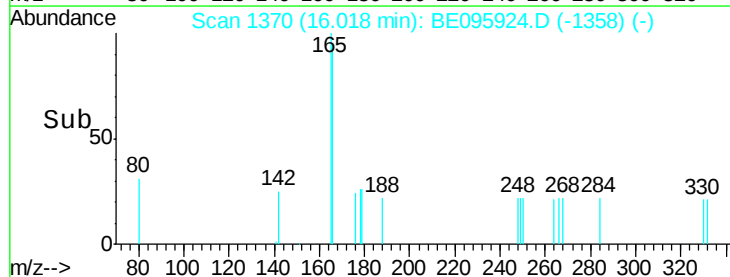
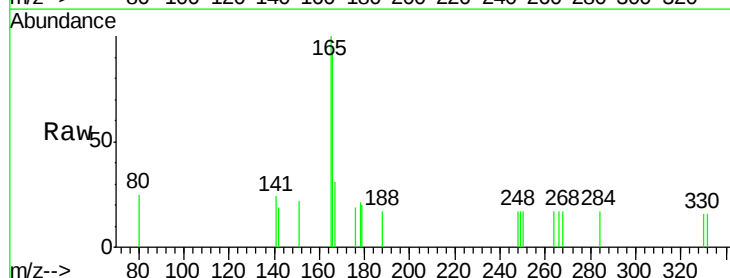
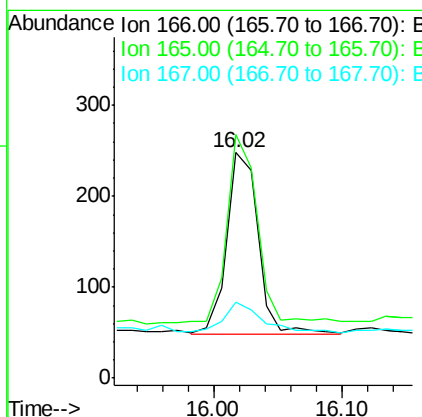
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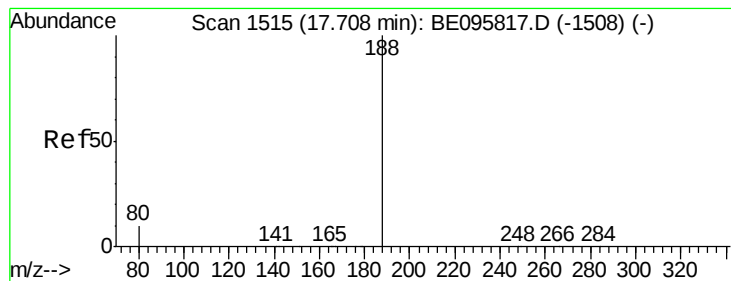
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#18
Fluorene
Concen: 0.026 ng m
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:	166	Resp:	337
Ion Ratio	Lower	Upper	
166	100		
165	3.6	77.8	116.6#
167	2.4	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

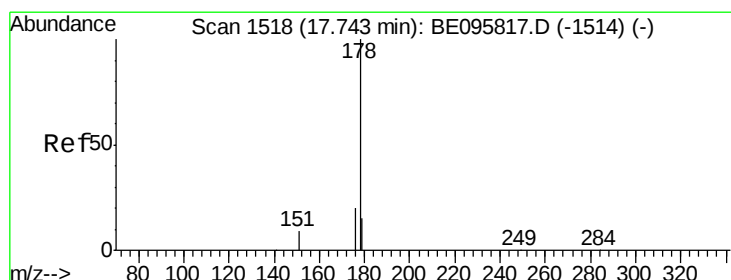
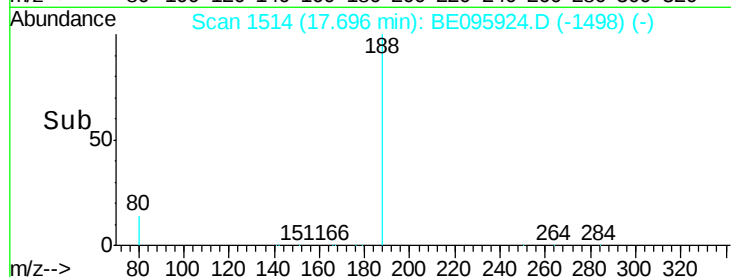
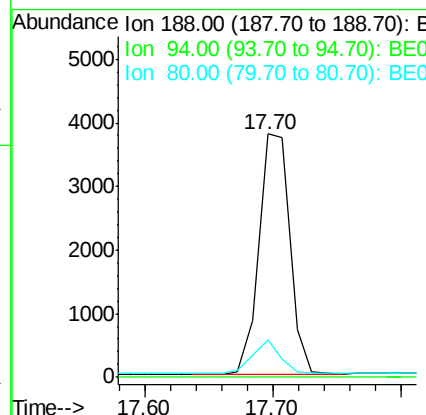
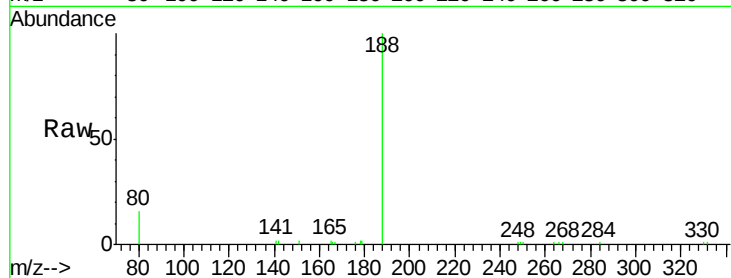
ClientSampleId :

SY-3DD-20180326

Tot Ion:	188	Resp:	6407
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	15.5	3.6	5.4#

Manual Integrations
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#23

Phenanthrene

Concen: 0.044 ng

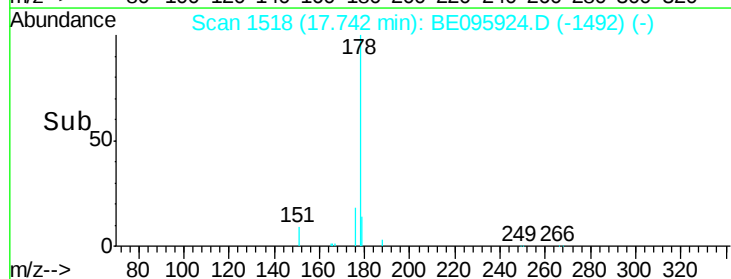
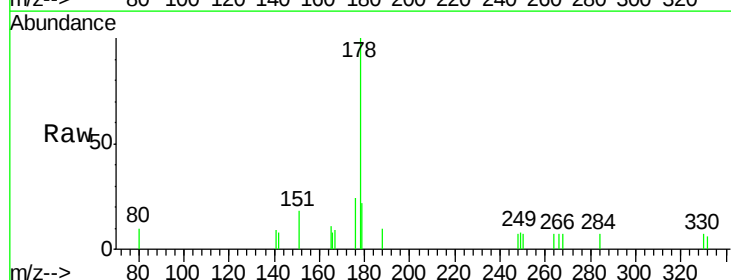
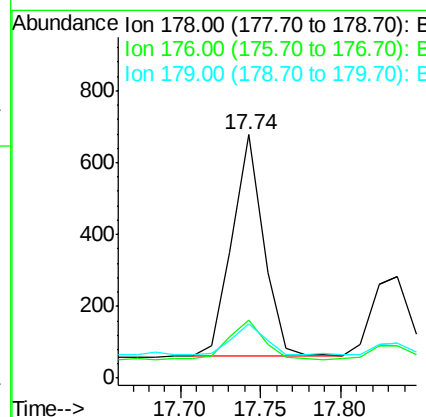
RT: 17.74 min Scan# 1518

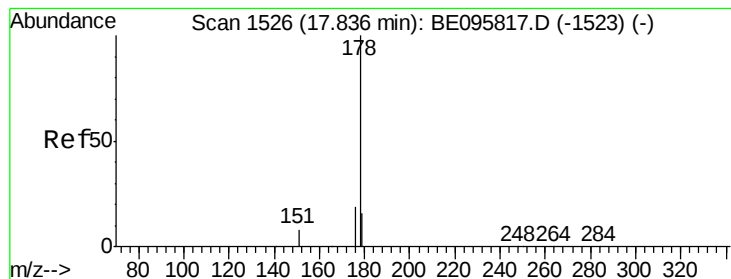
Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion:	178	Resp:	840
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	13.9	11.8	17.6





#24

Anthracene

Concen: 0.020 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

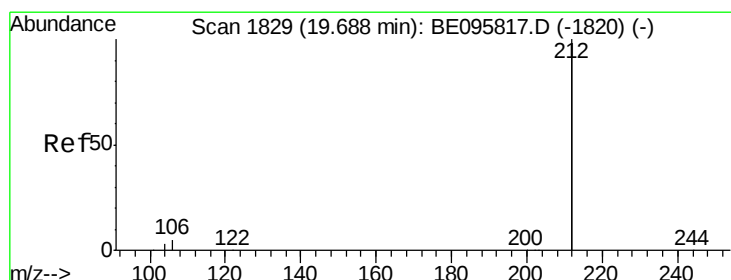
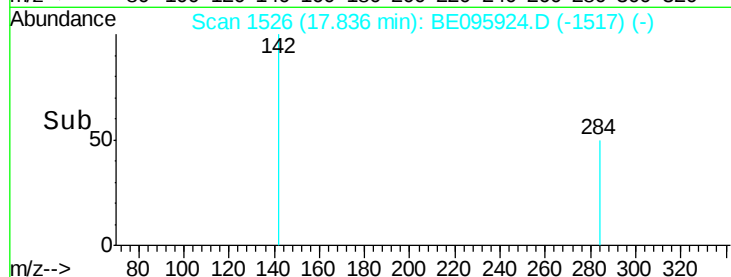
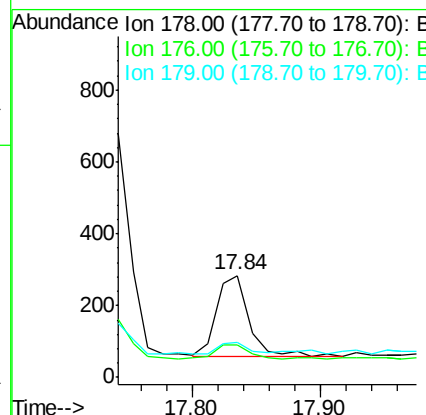
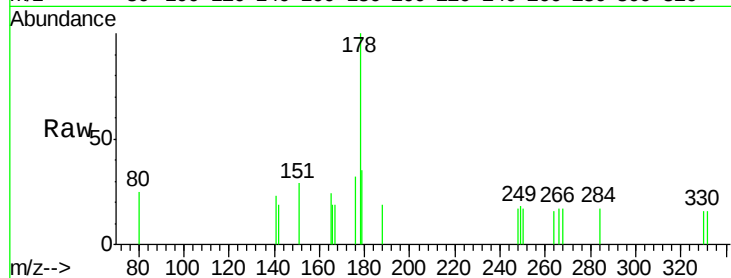
ClientSampleId :

SY-3DD-20180326

Tot Ion:178	Resp:	389
Ion Ratio	Lower	Upper
178 100		
176 18.3	12.8	19.2
179 13.6	13.0	19.6

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#25

Fluoranthene-d10

Concen: 0.397 ng

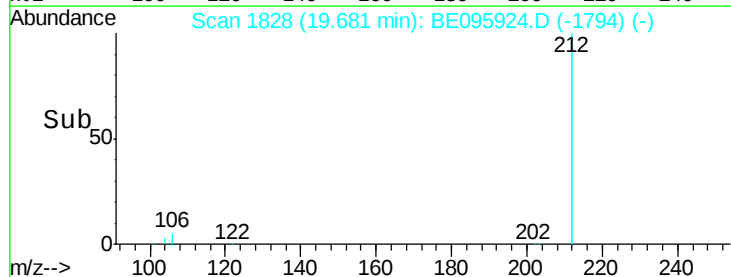
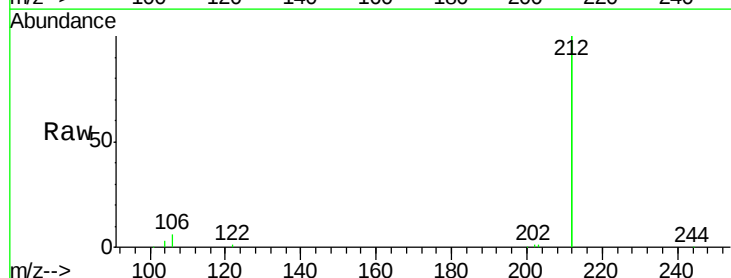
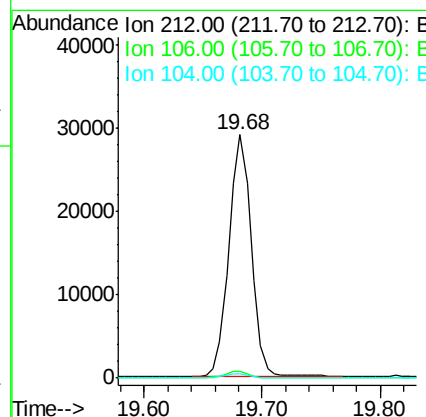
RT: 19.68 min Scan# 1828

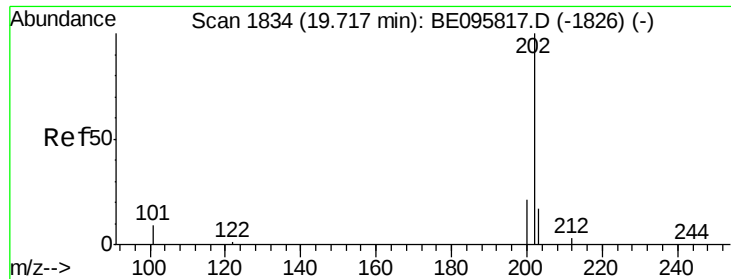
Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion:212	Resp:	37743
Ion Ratio	Lower	Upper
212 100		
106 2.9	2.8	4.2
104 1.7	1.6	2.4





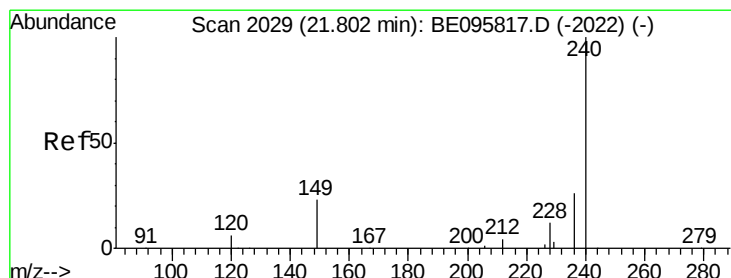
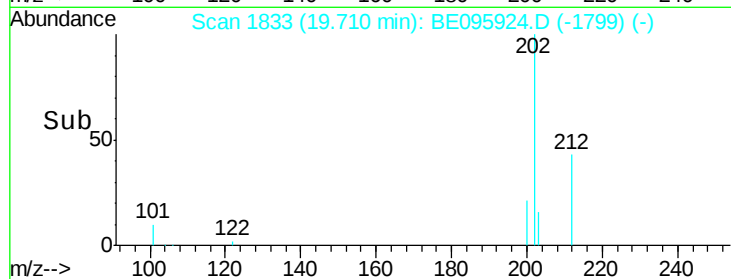
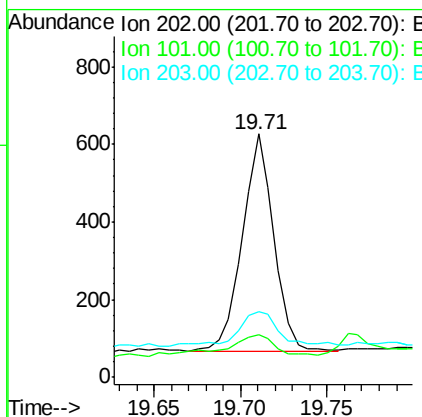
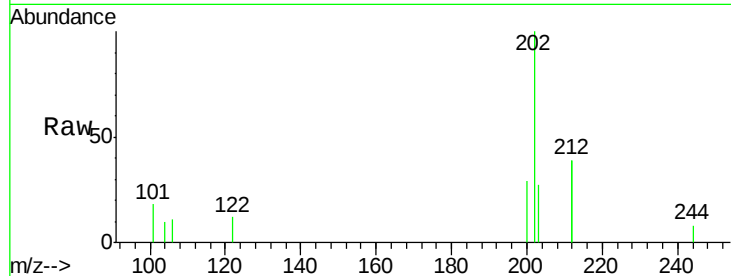
#26
 Fluoranthene
 Concen: 0.026 ng
 RT: 19.71 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE095924.D
 Acq: 2 Apr 2018 13:10

Instrument :
 BNA_E
 ClientSampleId :
 SY-3DD-20180326

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.8	14.8#
203	21.8	13.7	20.5#

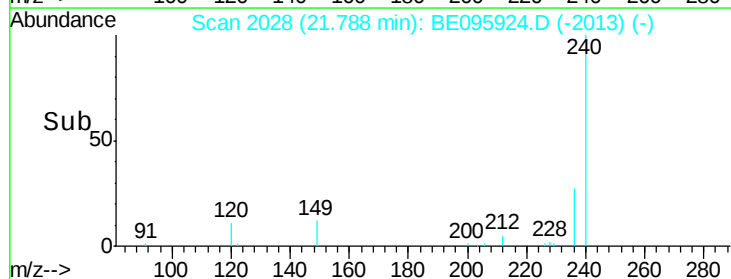
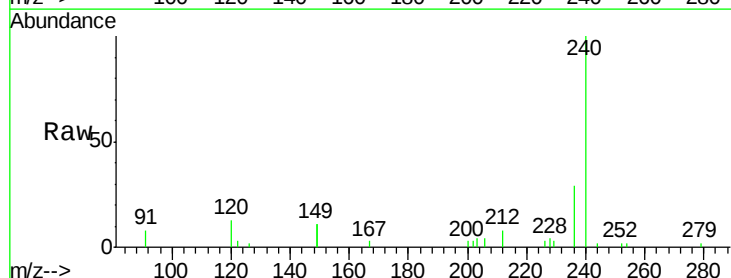
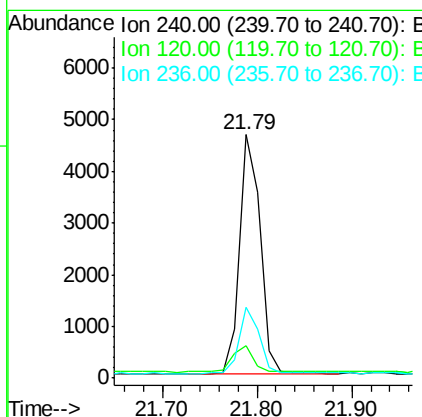
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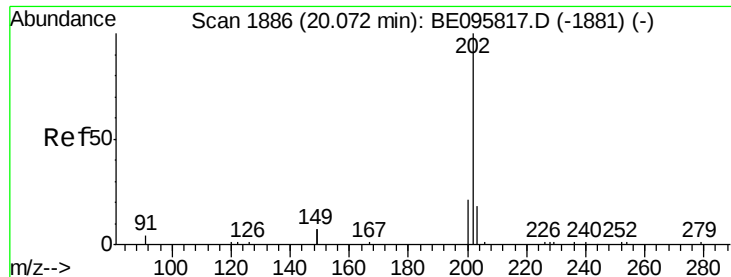
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095924.D
 Acq: 2 Apr 2018 13:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.5	8.3#
236	28.8	20.7	31.1





#28

Pvrene

Concen: 0.029 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Instrument :

BNA_E

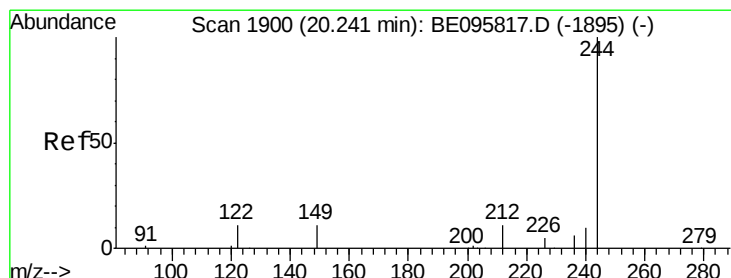
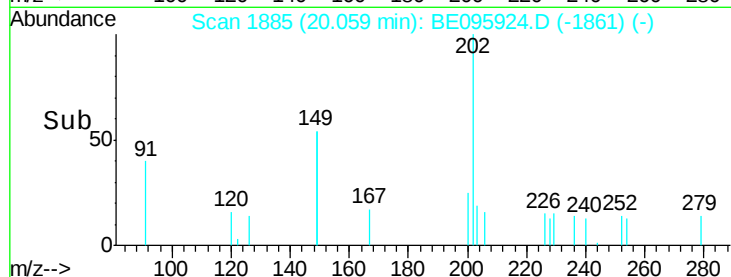
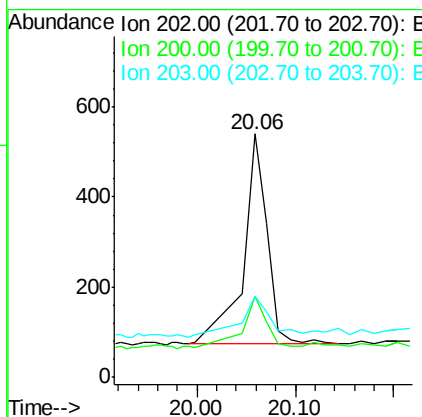
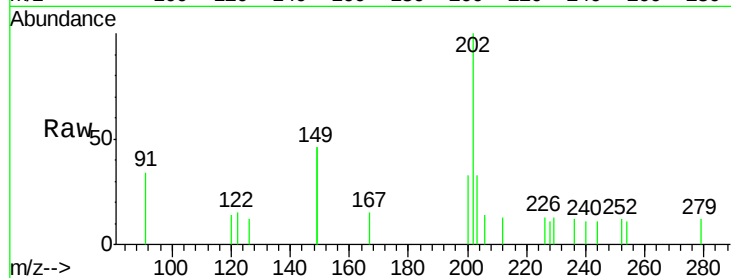
ClientSampleId :

SY-3DD-20180326

Tot Ion:	202	Resp:	824
Ion Ratio	Lower	Upper	
202	100		
200	25.0	16.6	25.0#
203	28.0	13.8	20.8#

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#29

Terphenyl-d14

Concen: 0.521 ng

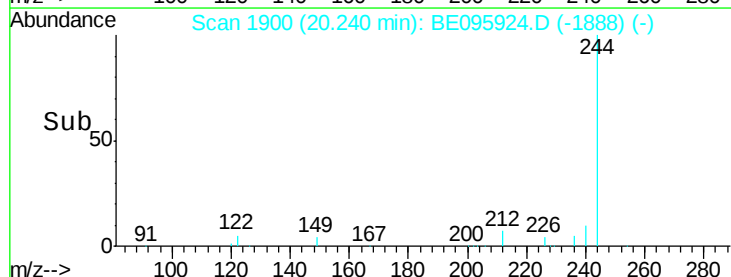
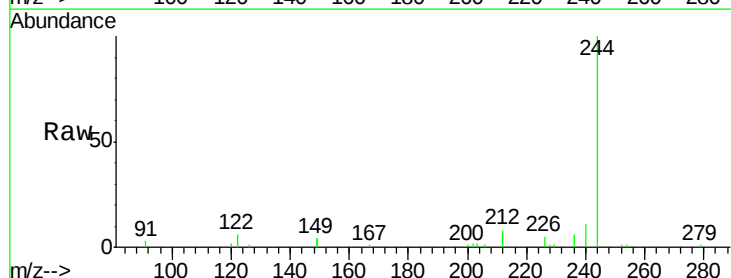
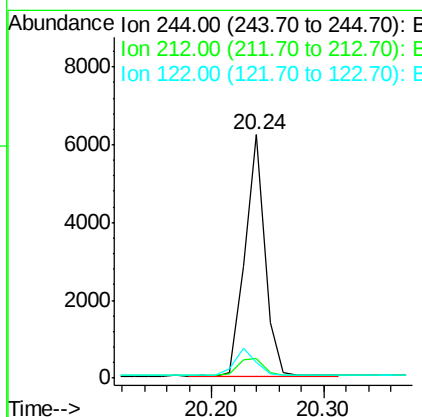
RT: 20.24 min Scan# 1900

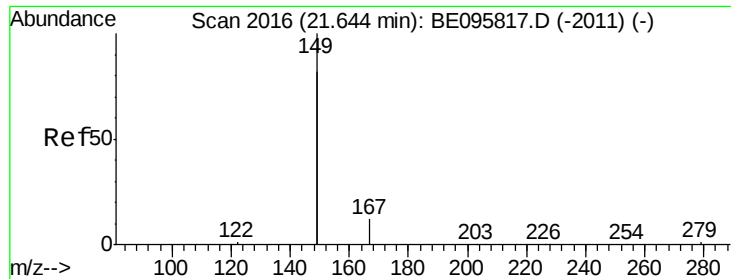
Delta R.T. -0.00 min

Lab File: BE095924.D

Acq: 2 Apr 2018 13:10

Tgt Ion:	244	Resp:	7717
Ion Ratio	Lower	Upper	
244	100		
212	8.1	25.4	38.0#
122	6.4	8.1	12.1#





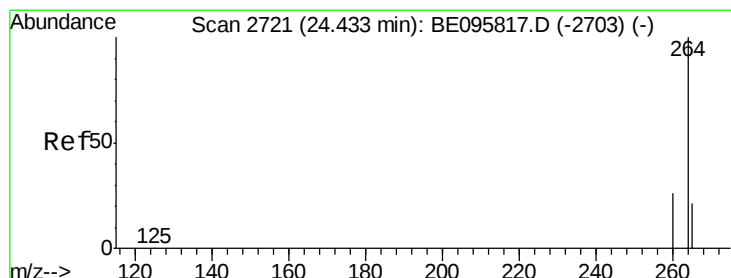
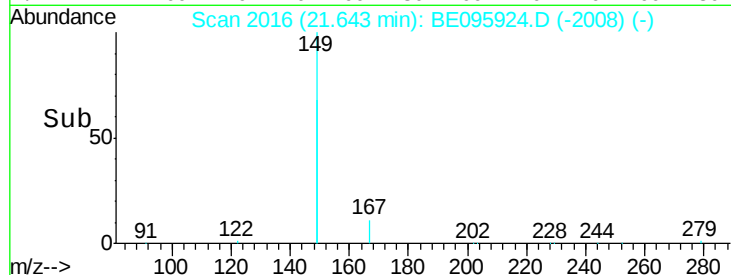
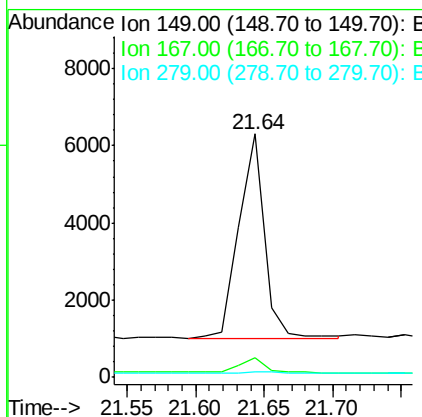
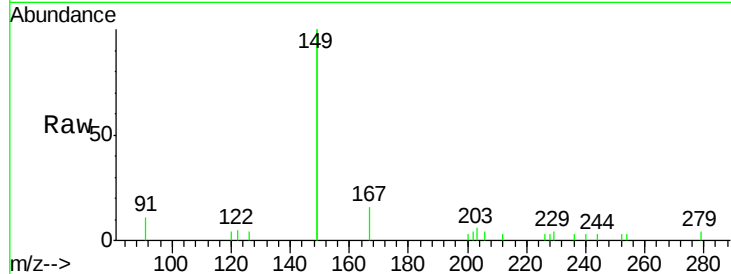
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Instrument :
BNA_E
ClientSampleId :
SY-3DD-20180326

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.4	8.0
279	1.1	0.7	1.1

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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	27.9	22.8	34.2

