

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095743.D
 Acq On : 13 Mar 2018 00:08
 Operator : SJ/JU
 Sample : J1867-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C19013072

Manual Integrations
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Sohil
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Quant Time: Mar 13 11:24:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1460	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5669	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	4120	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7268	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7369	0.40	ng	0.00
34) Perylene-d12	24.42	264	6935	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	654	0.17	ng	0.00
5) Phenol-d6	7.56	99	617	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2364	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3187	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	596	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6547	0.36	ng	0.00
25) Fluoranthene-d10	19.68	212	32980	0.35	ng	0.00
29) Terphenyl-d14	20.24	244	7964	0.54	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.31	128	20752	0.318	ng	# 80
12) 2-Methylnaphthalene	12.87	142	2044	0.181	ng	# 81
17) Acenaphthene	15.06	154	16496	1.135	ng	# 72
18) Fluorene	16.03	166	42319	2.348	ng	# 80
23) Phenanthrene	17.74	178	41642	1.833	ng	# 93
24) Anthracene	17.84	178	3781	0.181	ng	# 78
28) Pyrene	20.06	202	834	0.028	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.66	149	20150	0.474	ng	97

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

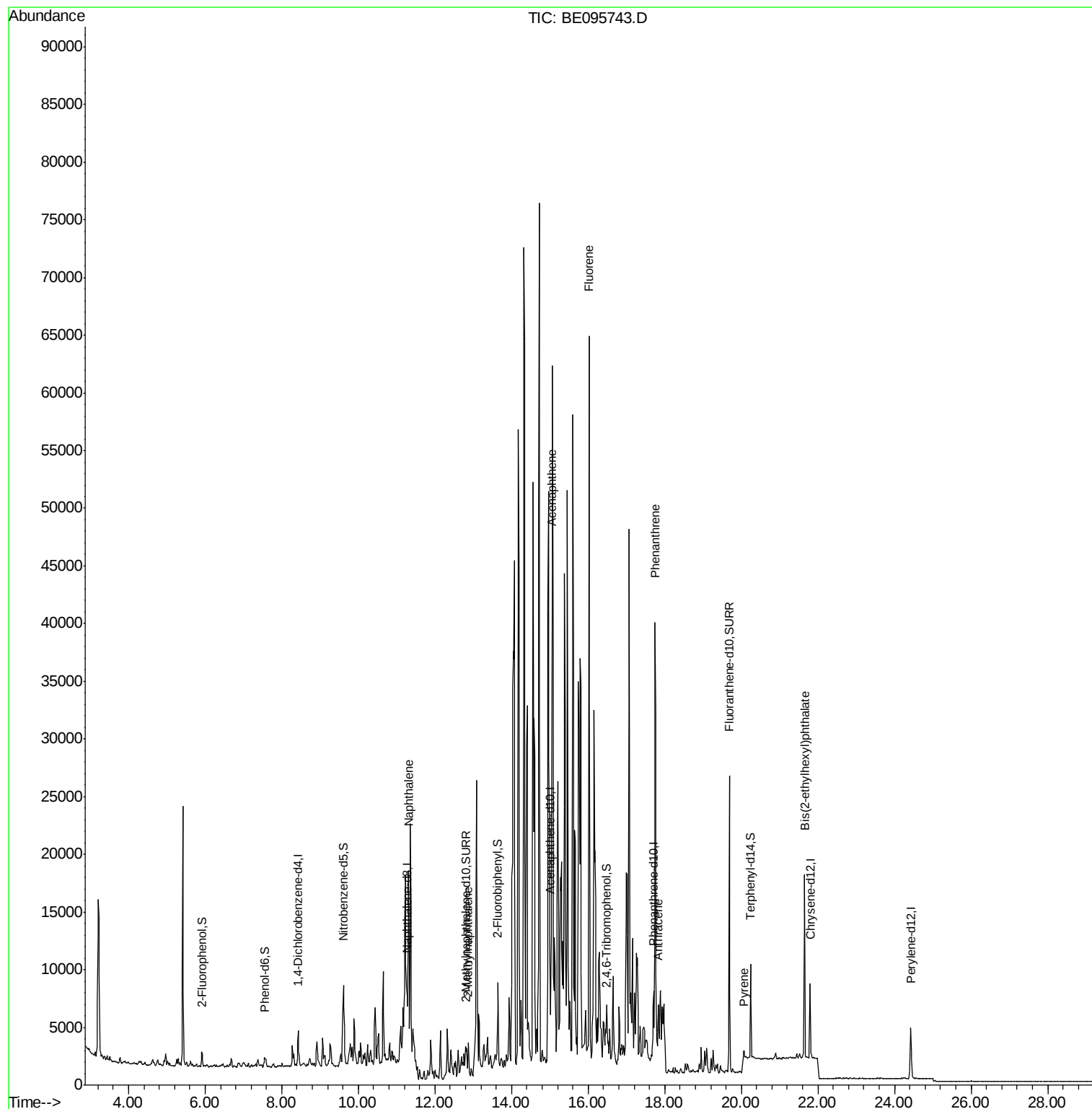
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
Data File : BE095743.D
Acq On : 13 Mar 2018 00:08
Operator : SJ/JU
Sample : J1867-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

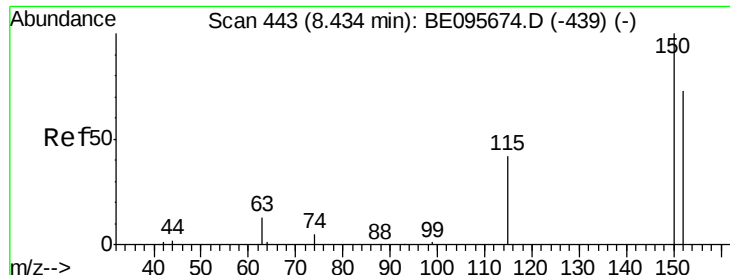
Instrument :
BNA_E
ClientSampleId :
C19013072

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
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QLast Update : Fri Feb 23 12:12:42 2018
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#1

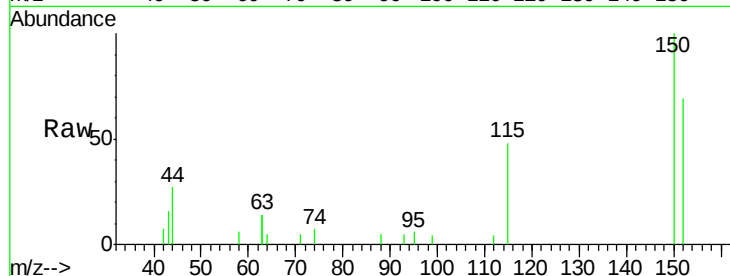
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampleId :
C19013072

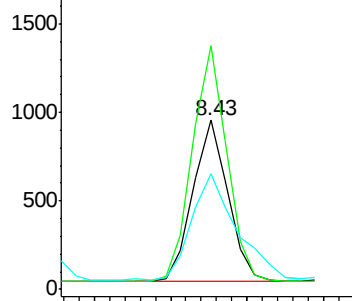
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	117.2	175.8
115	68.9	57.0	85.6

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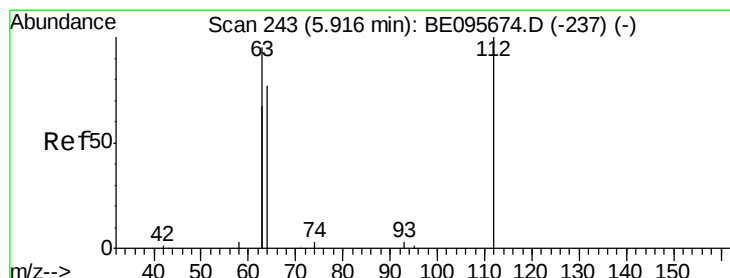
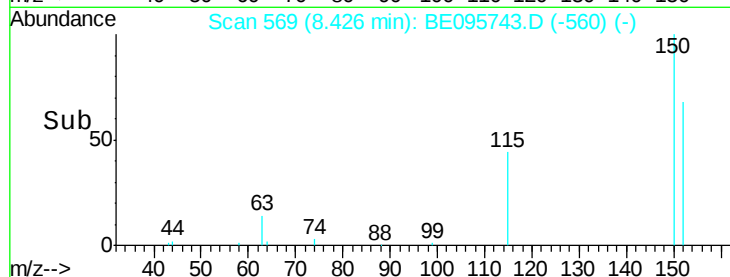
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



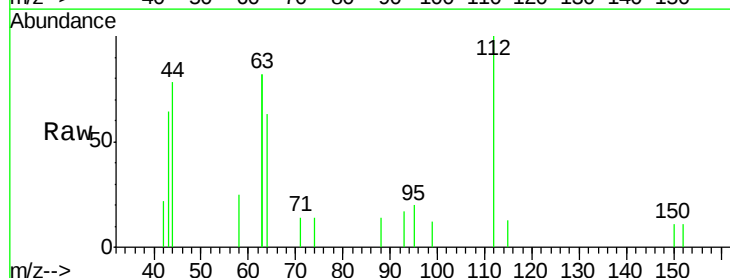
Time-->



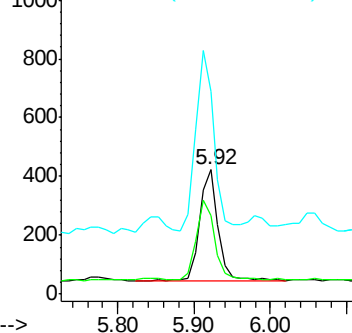
#4

2-Fluorophenol
Concen: 0.170 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

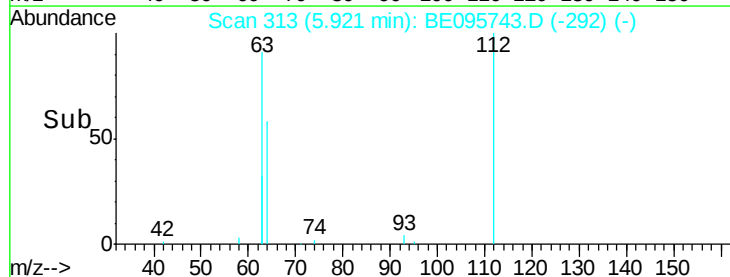
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	60.1	90.1
63	153.1	116.8	175.2



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: 0.116 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095743.D

Acq: 13 Mar 2018 00:08

Instrument :

BNA_E

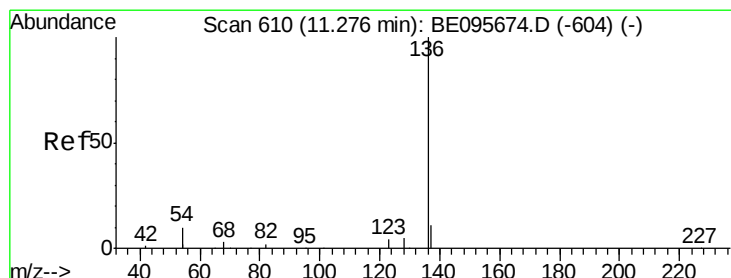
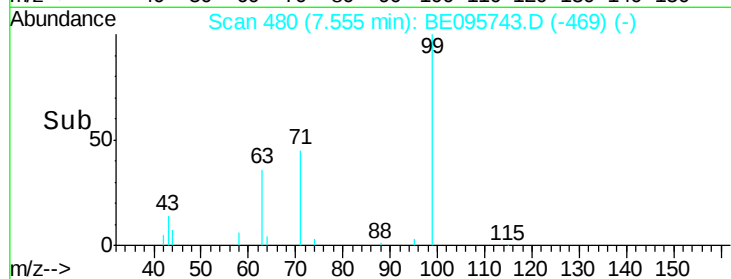
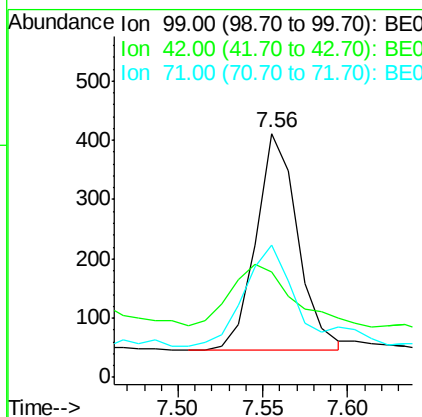
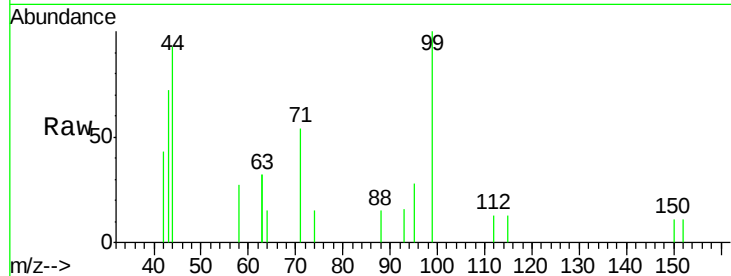
ClientSampled :

C19013072

Tot Ion:	99	Resp:	617
Ion	Ratio	Lower	Upper
99	100		
42	40.8	20.2	30.2#
71	60.8	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

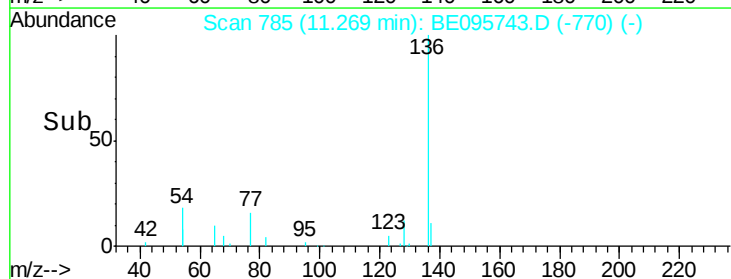
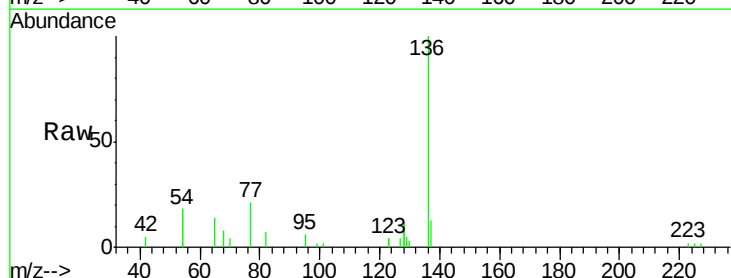
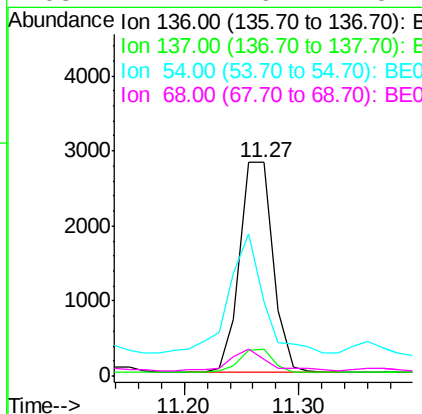
RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095743.D

Acq: 13 Mar 2018 00:08

Tgt Ion:	136	Resp:	5669
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	35.1	29.1	43.7
68	7.7	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095743.D

Acq: 13 Mar 2018 00:08

Instrument :

BNA_E

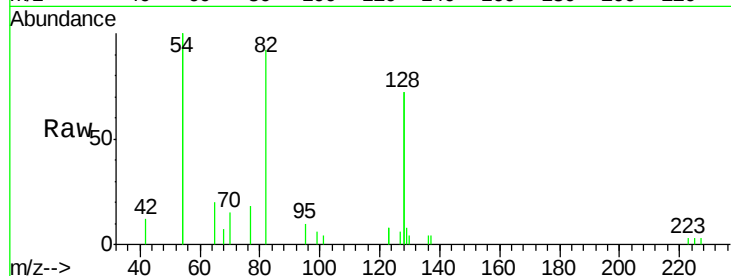
ClientSampleId :

C19013072

Tot Ion:	82	Resp:	2364
Ion Ratio	Lower	Upper	
82	100		
128	156.6	150.0	225.0
54	217.5	154.2	231.4

Manual Integrations
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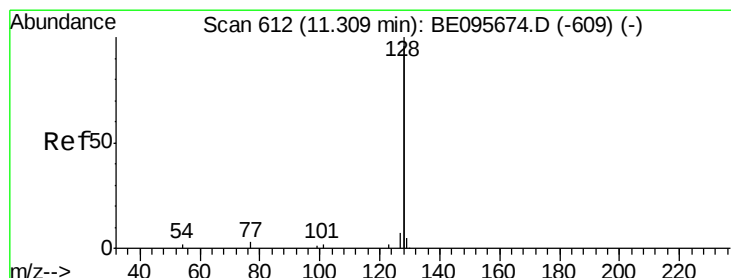
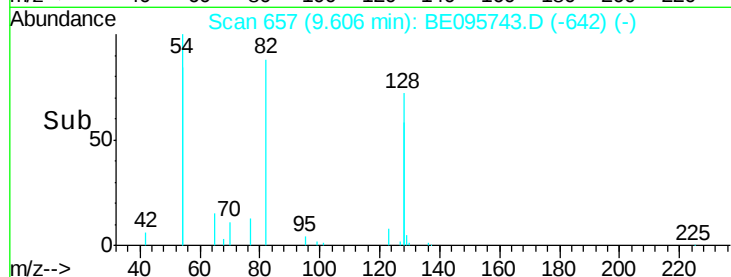
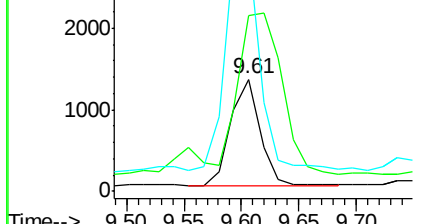
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Abundance Ion 82.00 (81.70 to 82.70): BE095743.D (-642) (-)

Ion 128.00 (127.70 to 128.70): BE095743.D (-642) (-)

Ion 54.00 (53.70 to 54.70): BE095743.D (-642) (-)



#9

Naphthalene

Concen: 0.318 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095743.D

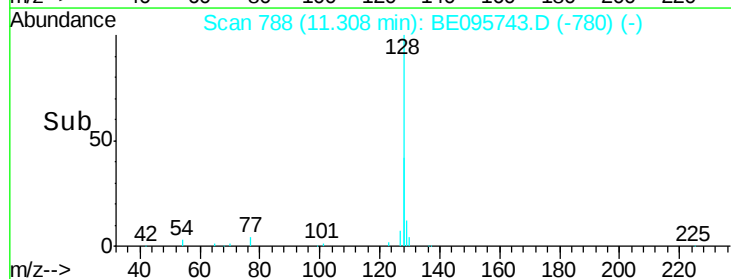
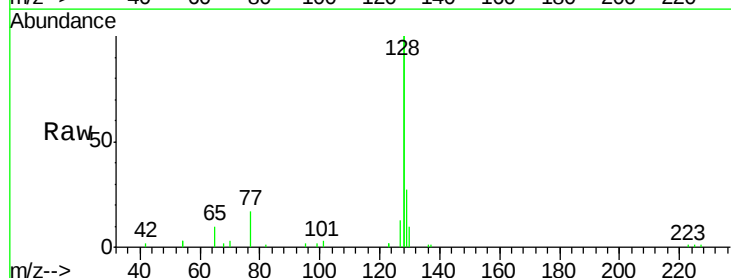
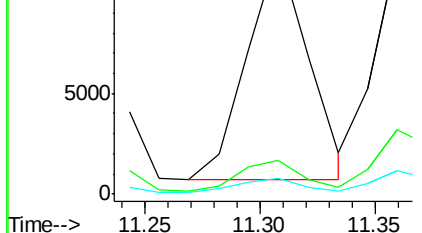
Acq: 13 Mar 2018 00:08

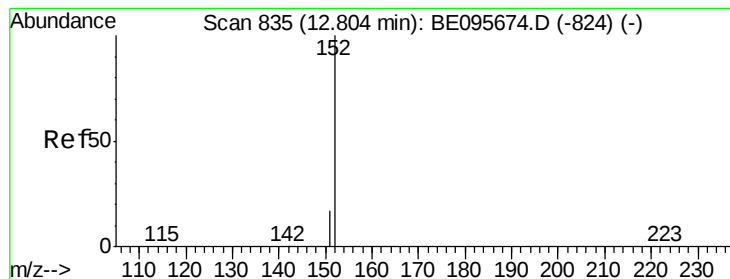
Tgt Ion:	128	Resp:	20752
Ion Ratio	Lower	Upper	
128	100		
129	13.7	2.6	3.8#
127	6.4	2.8	4.2#

Abundance Ion 128.00 (127.70 to 128.70): BE095743.D (-780) (-)

Ion 129.00 (128.70 to 129.70): BE095743.D (-780) (-)

Ion 127.00 (126.70 to 127.70): BE095743.D (-780) (-)





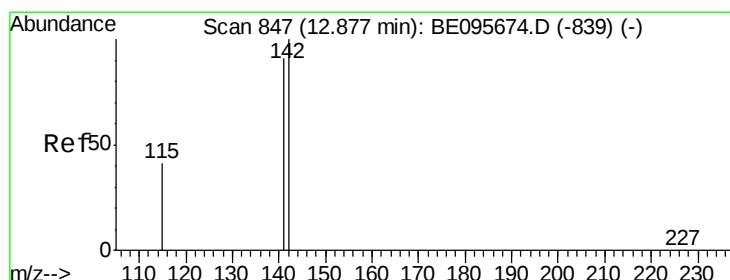
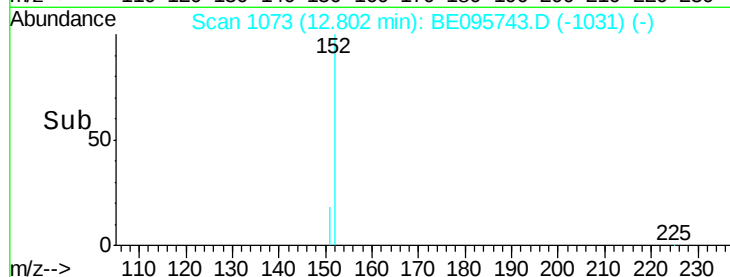
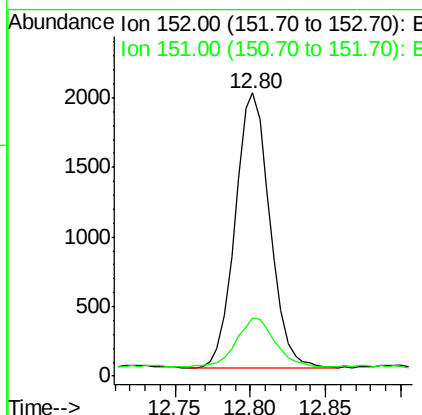
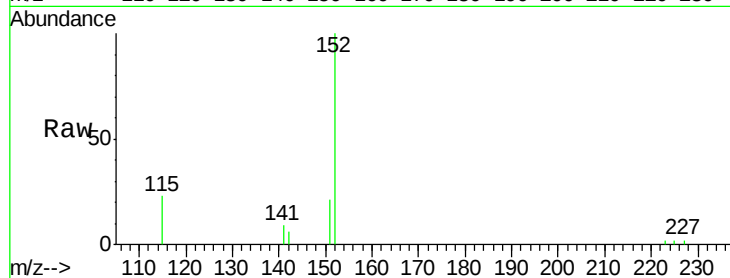
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampleId :
C19013072

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

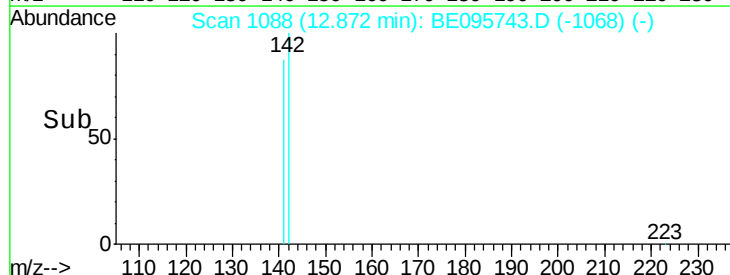
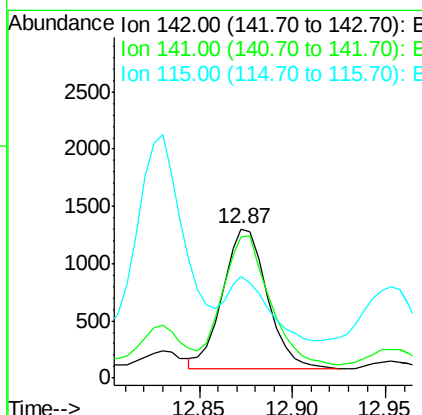
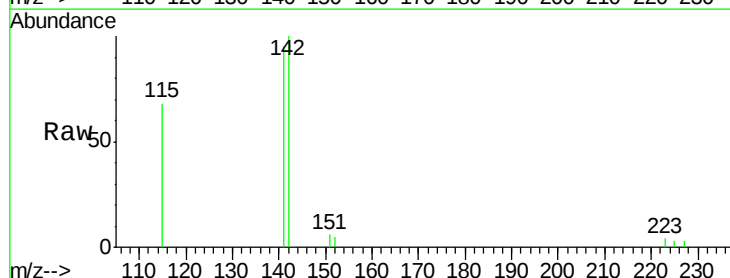
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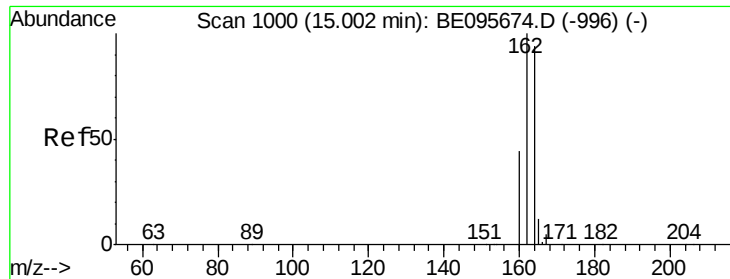
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#12
2-Methylnaphthalene
Concen: 0.181 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.4	105.6
115	67.9	31.7	47.5#





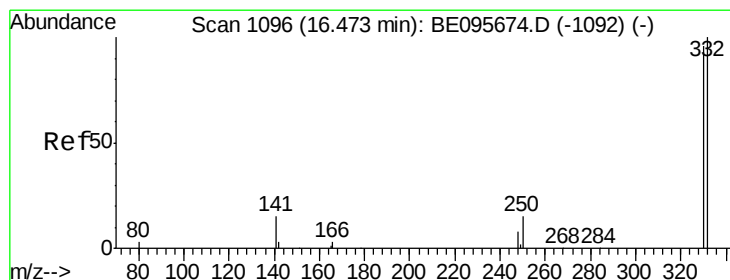
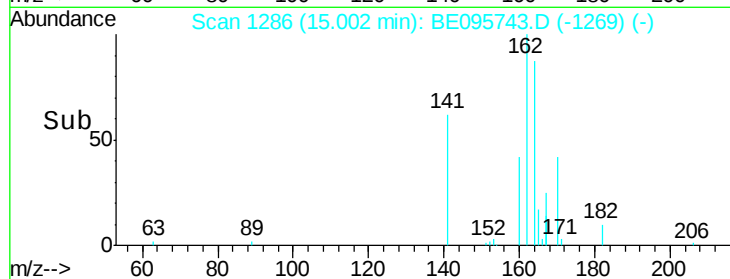
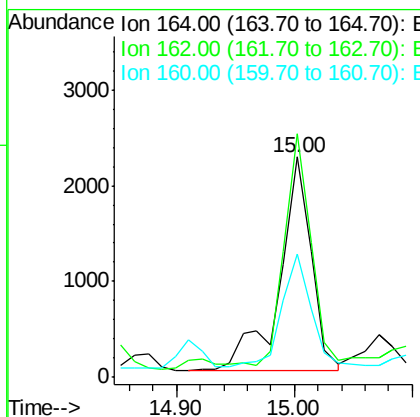
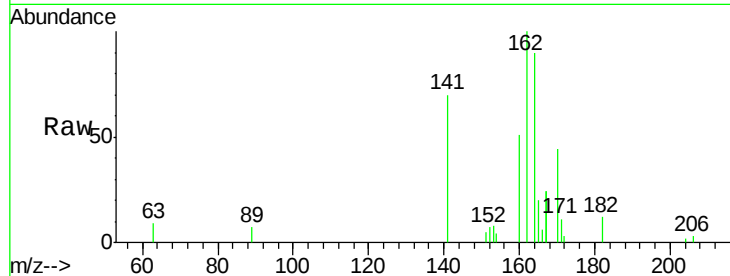
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE095743.D
 Acq: 13 Mar 2018 00:08

Instrument :
 BNA_E
 ClientSampleId :
 C19013072

Tot Ion	Ratio	Lower	Upper
164	100		
162	110.5	83.1	124.7
160	55.9	37.1	55.7#

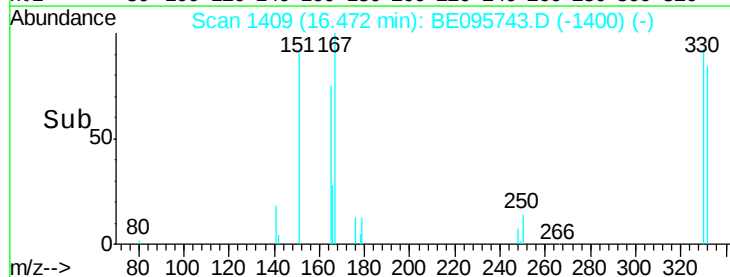
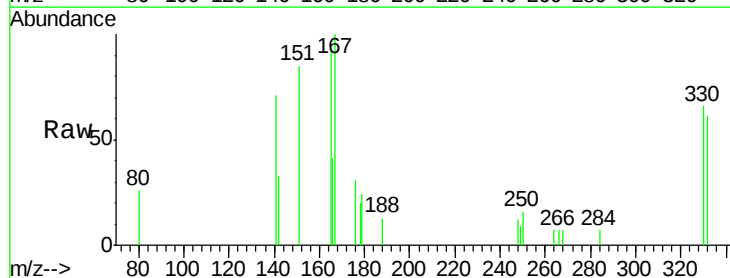
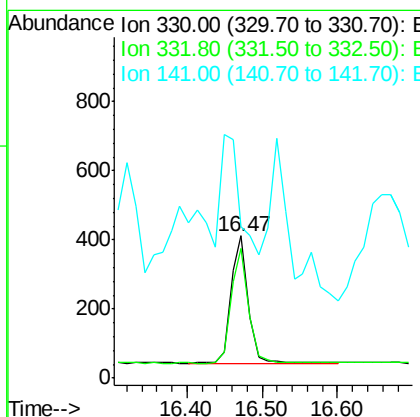
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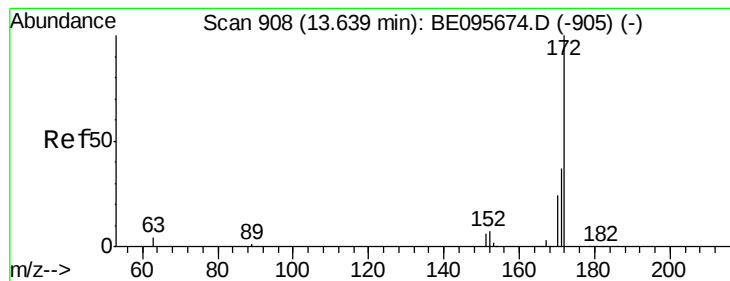
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#14
 2,4,6-Tribromophenol
 Concen: 0.418 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095743.D
 Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.3	152.7	229.1#
141	0.0	33.7	50.5#





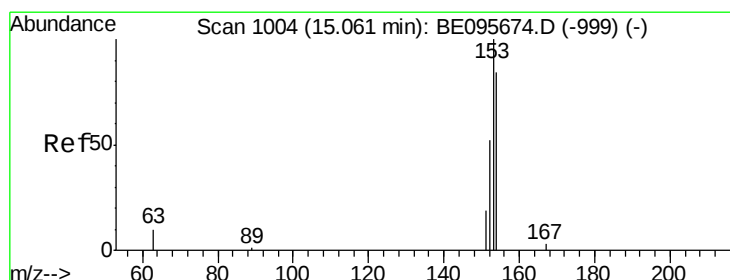
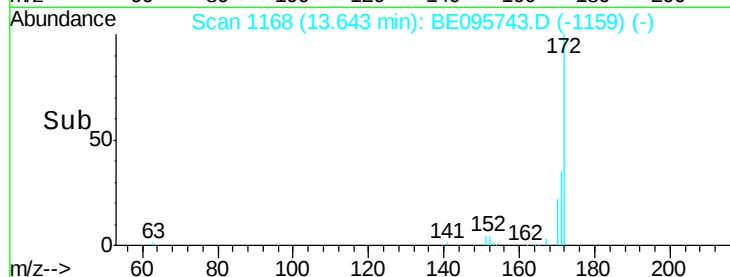
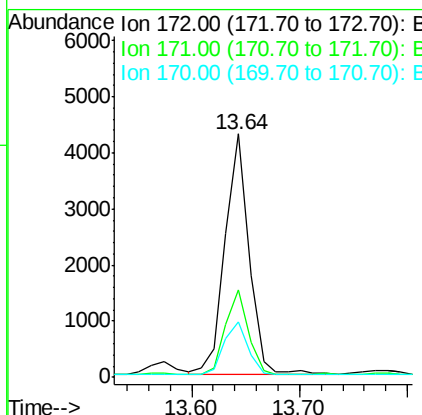
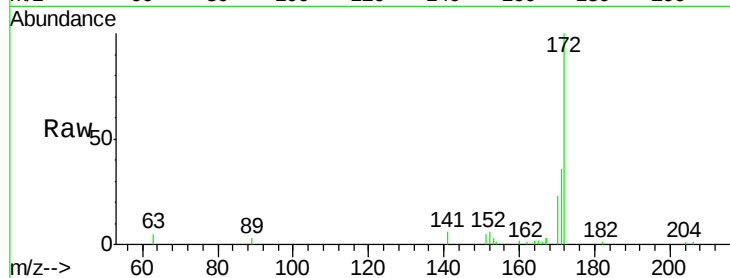
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampled :
C19013072

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	22.7	21.8	32.8

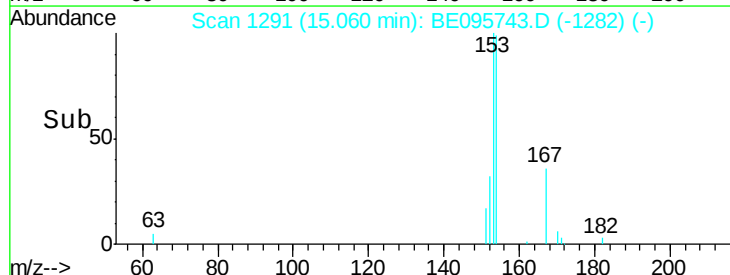
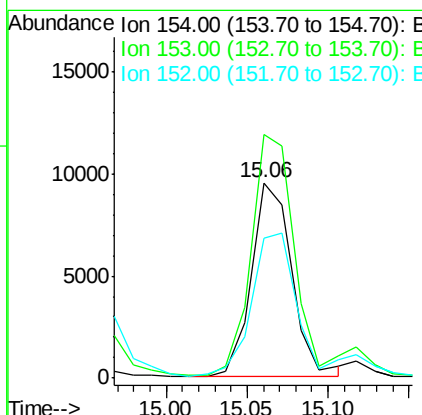
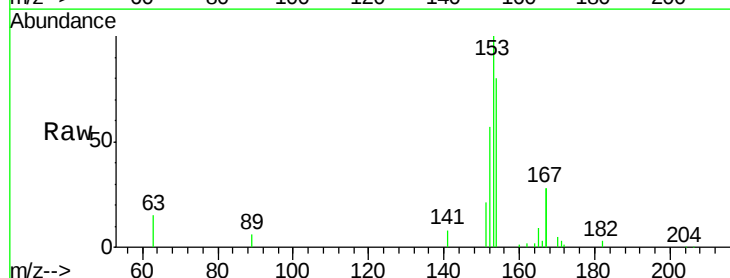
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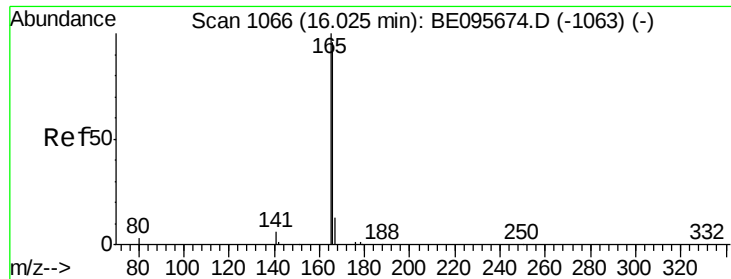
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#17
Acenaphthene
Concen: 1.135 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	133.7	89.2	133.8
152	83.0	42.0	63.0





#18

Fluorene

Concen: 2.348 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095743.D

Acq: 13 Mar 2018 00:08

Instrument :

BNA_E

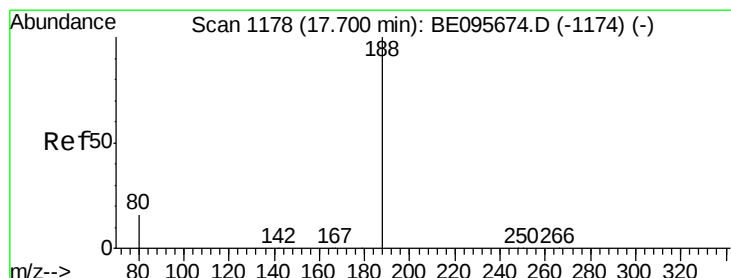
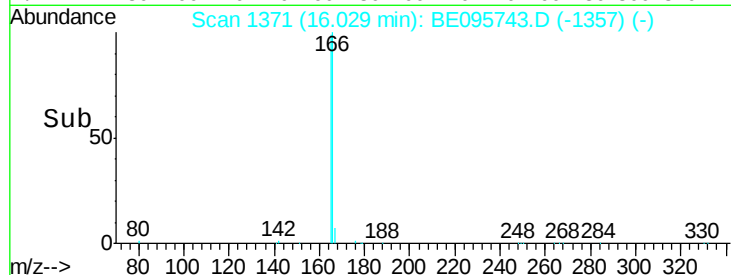
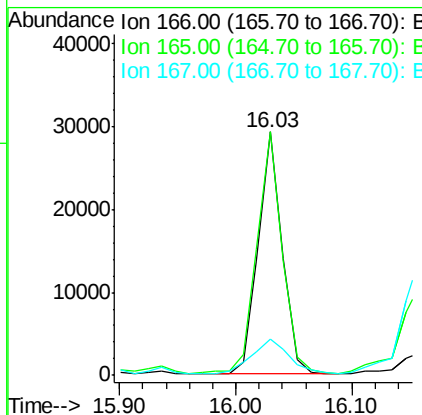
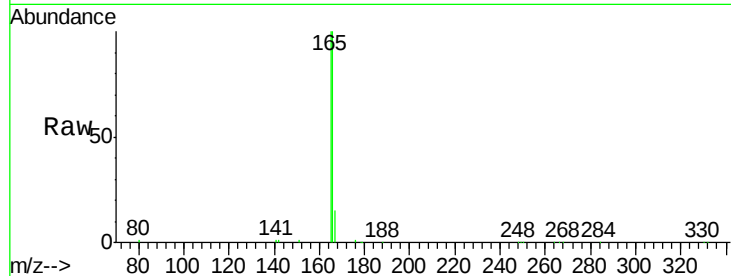
ClientSampleId :

C19013072

Tot Ion:	166	Resp:	42319
Ion Ratio	Lower	Upper	
166	100		
165	103.9	77.8	116.6
167	22.4	42.4	63.6#

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.400 ng

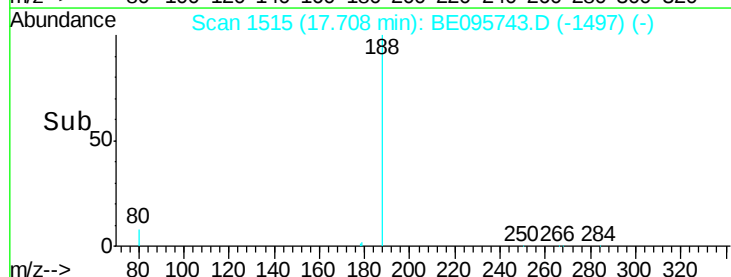
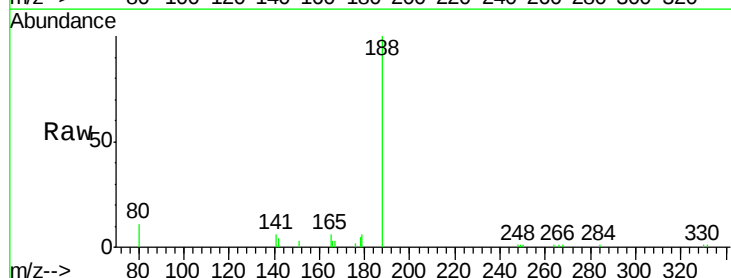
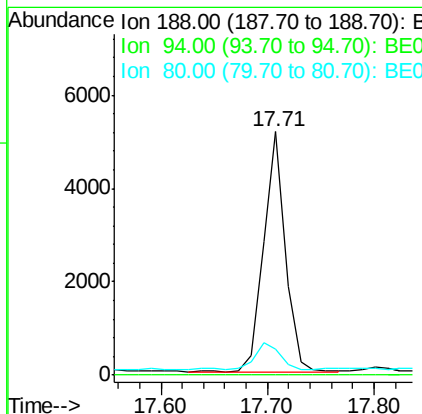
RT: 17.71 min Scan# 1515

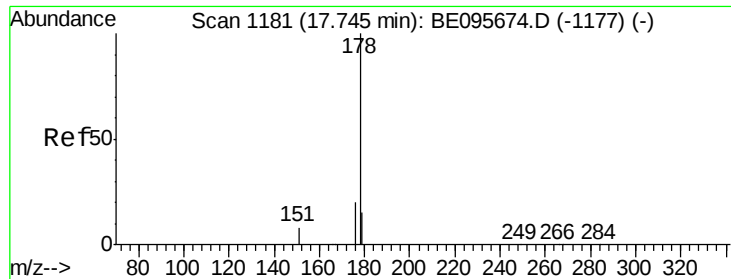
Delta R.T. 0.01 min

Lab File: BE095743.D

Acq: 13 Mar 2018 00:08

Tgt Ion:	188	Resp:	7268
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.6	3.6	5.4#





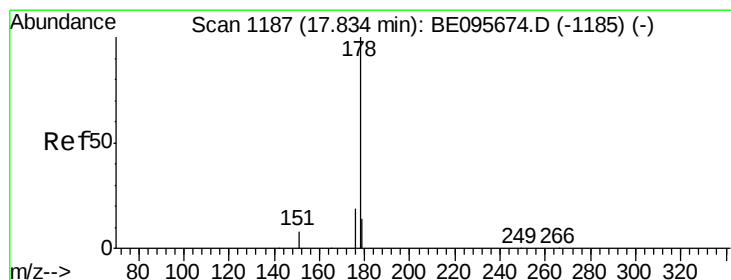
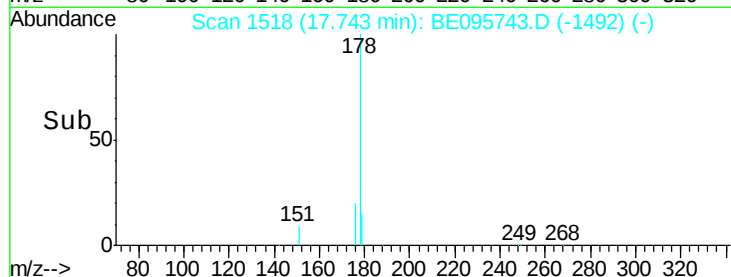
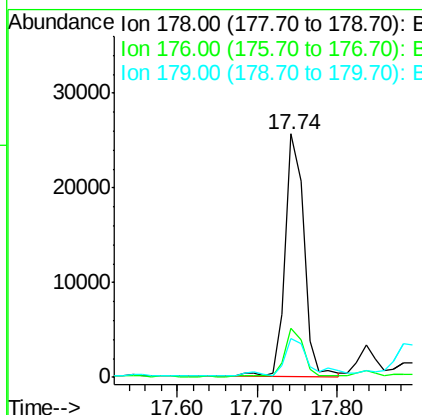
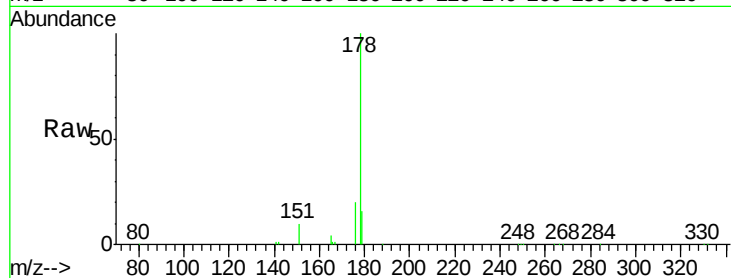
#23
Phenanthrene
Concen: 1.833 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampleId :
C19013072

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	21.0	11.8	17.6#

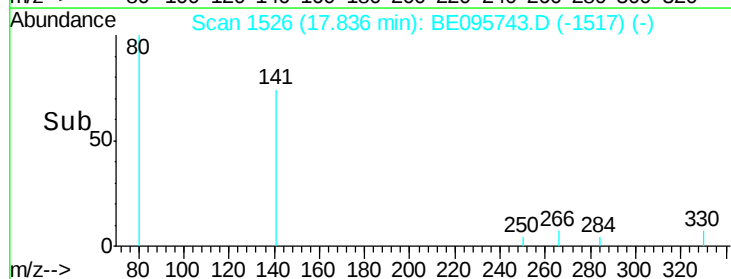
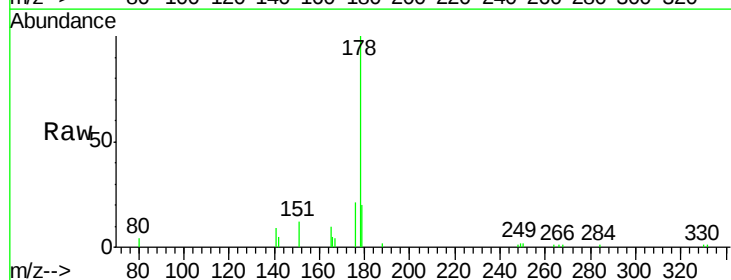
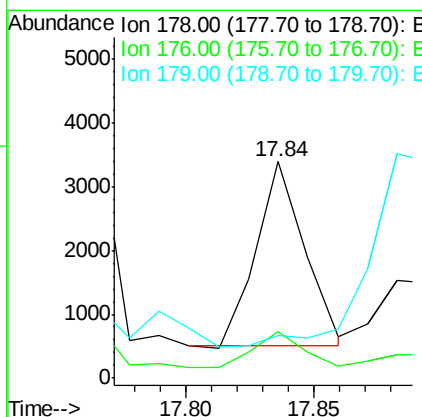
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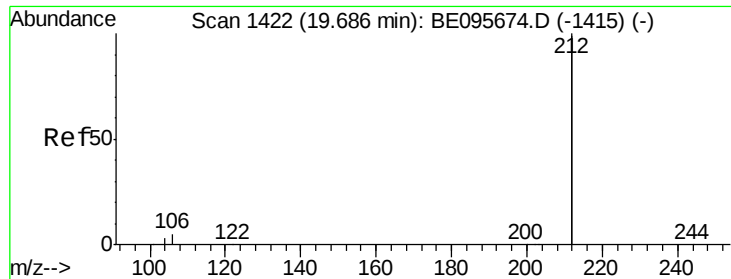
Sohil
3/13/2018 4:18:33 PM



#24
Anthracene
Concen: 0.181 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	0.0	13.0	19.6#





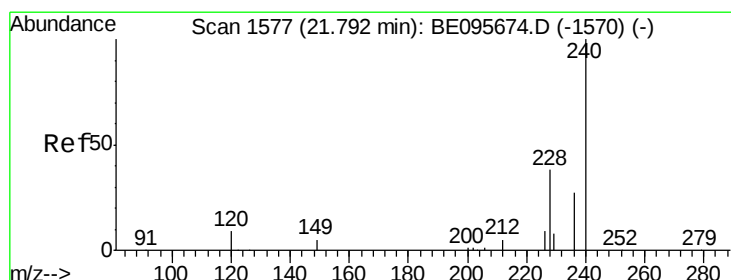
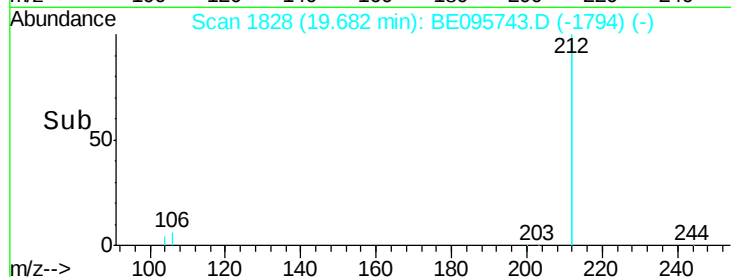
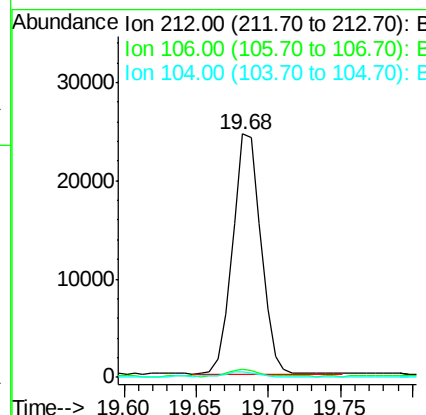
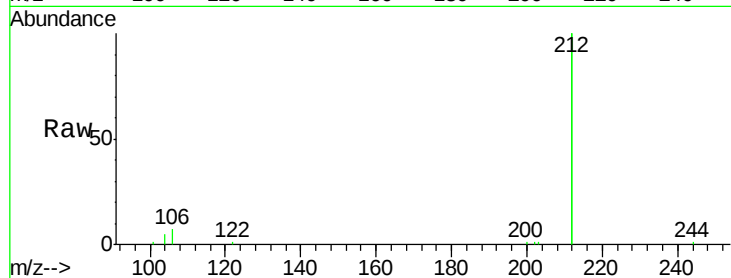
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampleId :
C19013072

Tot Ion	Ratio	Resp	Lower	Upper
212	100	32980		
106	2.9		2.8	4.2
104	2.0		1.6	2.4

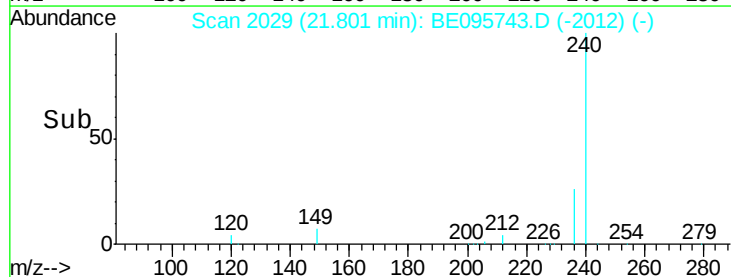
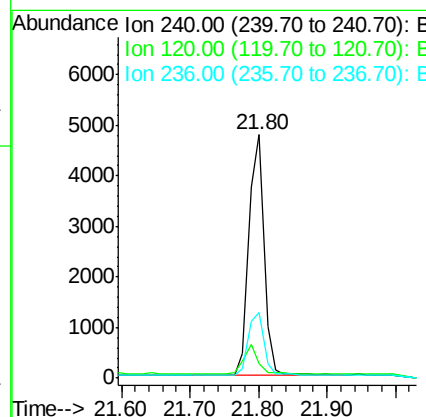
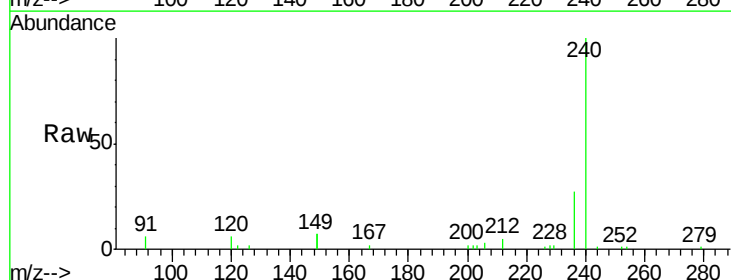
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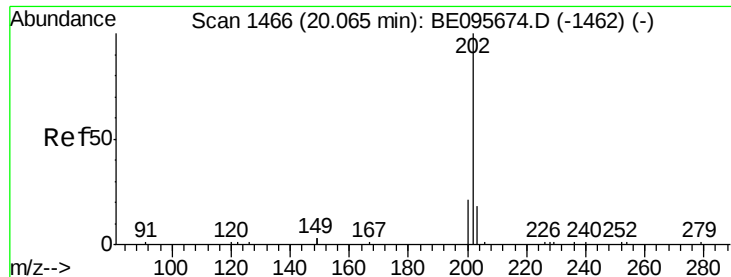
Sohil
3/13/2018 4:18:33 PM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	7369		
120	6.0		5.5	8.3
236	26.7		20.7	31.1





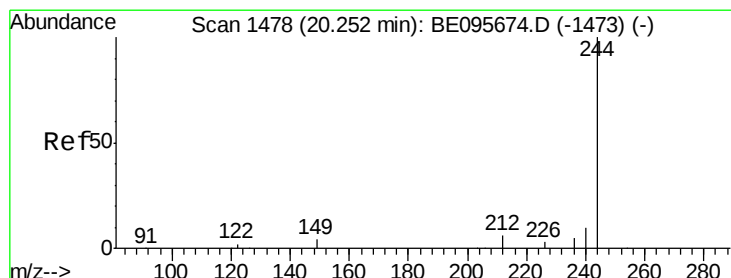
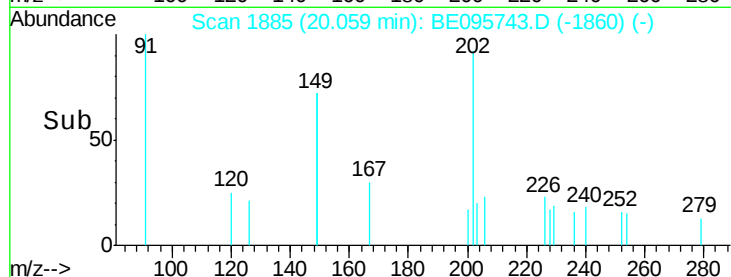
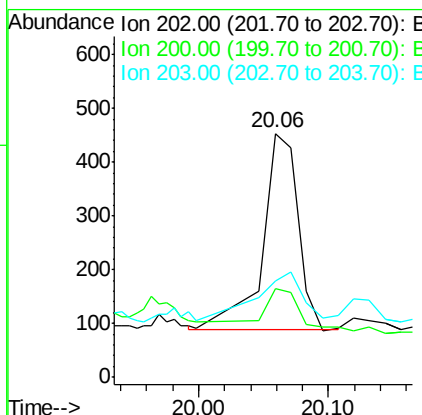
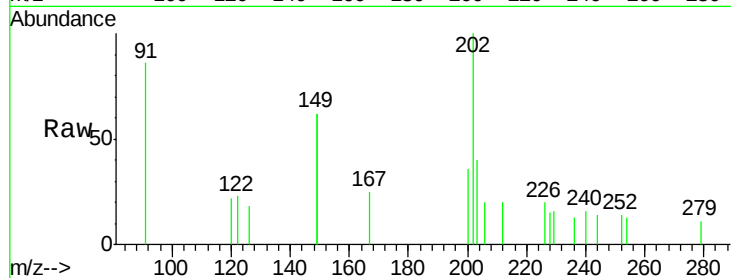
#28
Pvrene
Concen: 0.028 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Instrument :
BNA_E
ClientSampleId :
C19013072

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.8	16.6	25.0
203	33.8	13.8	20.8

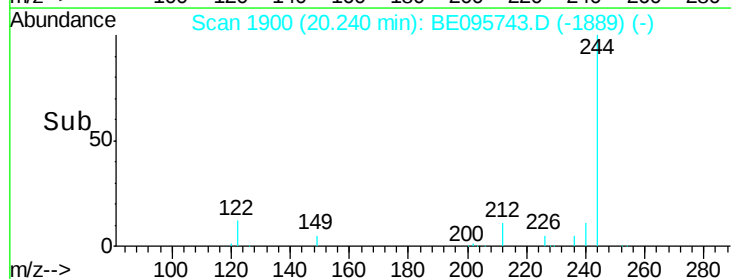
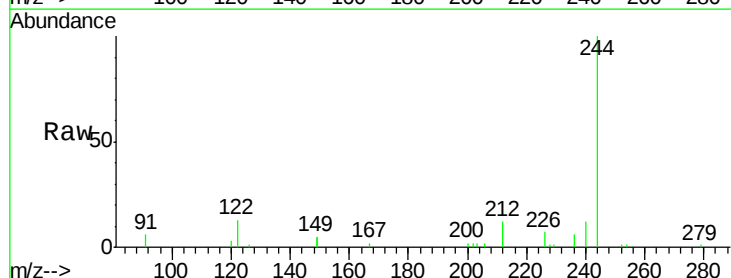
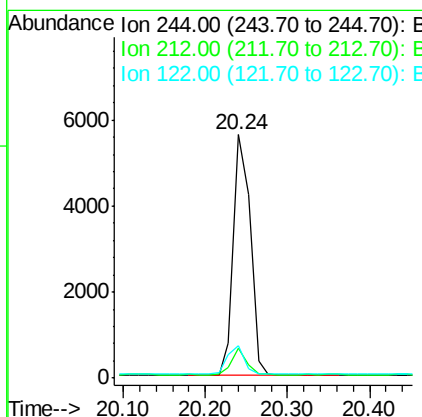
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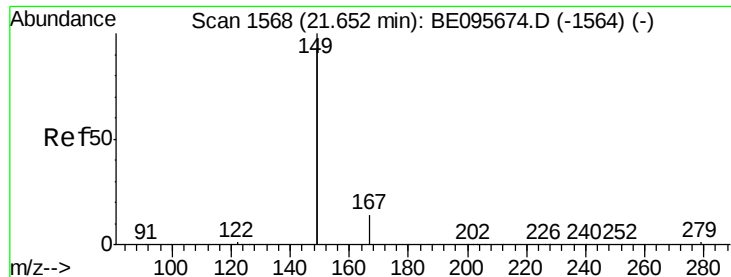
Sohil
3/13/2018 4:18:33 PM



#29
Terphenyl-d14
Concen: 0.542 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095743.D
Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.0	25.4	38.0
122	13.5	8.1	12.1





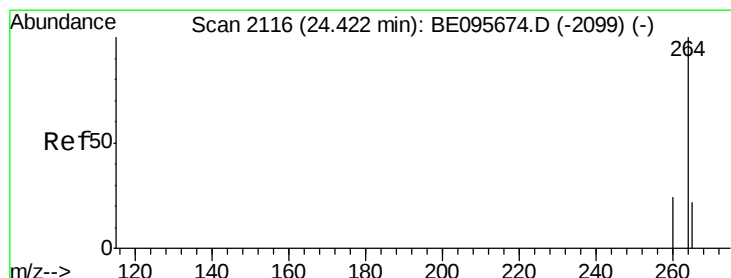
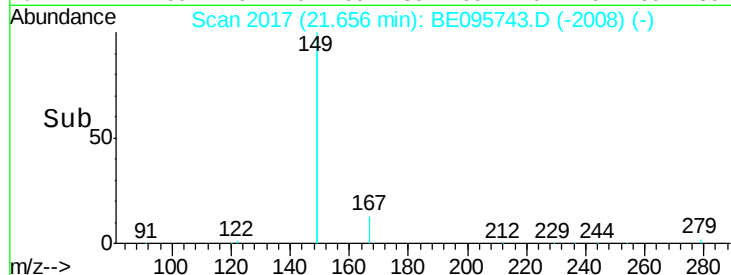
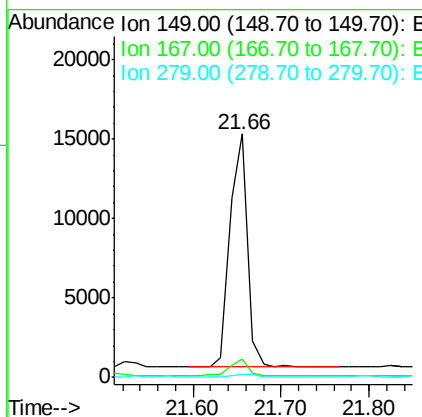
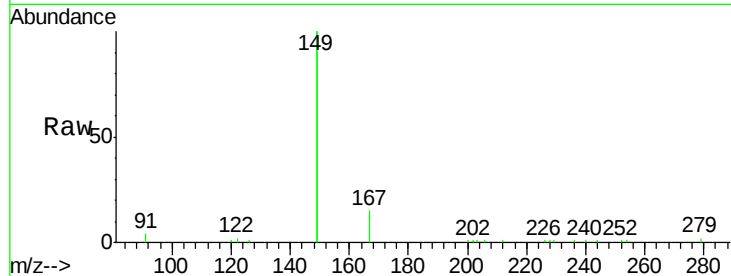
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.474 ng
 RT: 21.66 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BE095743.D
 Acq: 13 Mar 2018 00:08

Instrument :
 BNA_E
 ClientSampleId :
 C19013072

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.4	8.0
279	0.9	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:18:33 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2718
 Delta R.T. 0.00 min
 Lab File: BE095743.D
 Acq: 13 Mar 2018 00:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	26.4	22.8	34.2

