

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
 Data File : BE094514.D
 Acq On : 24 Oct 2017 12:11
 Operator : SJ/JU
 Sample : I5950-12DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL

Manual Integrations
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Quant Time: Oct 24 16:09:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 24 15:59:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1121	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6493	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	3931	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	8380	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9189	0.40	ng	0.00
34) Perylene-d12	23.95	264	8787	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	11	0.00	ng	0.02
5) Phenol-d6	7.14	99	5	0.00	ng	0.00
8) Nitrobenzene-d5	9.10	82	43	0.01	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	94	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	12	0.01	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	132	0.01	ng	0.01
25) Fluoranthene-d10	19.29	212	947	0.01	ng	0.00
29) Terphenyl-d14	19.87	244	185	0.01	ng	0.00
Target Compounds						
9) Naphthalene	10.74	128	438765	5.971	ng	99
12) 2-Methylnaphthalene	12.36	142	11424	0.916	ng	98
17) Acenaphthene	14.58	154	7013	0.526	ng	99
18) Fluorene	15.58	166	5608	0.328	ng	97
23) Phenanthrene	17.30	178	9056m	0.407	ng	
24) Anthracene	17.37	178	1340m	0.054	ng	
28) Pyrene	19.67	202	700	0.022	ng	96

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

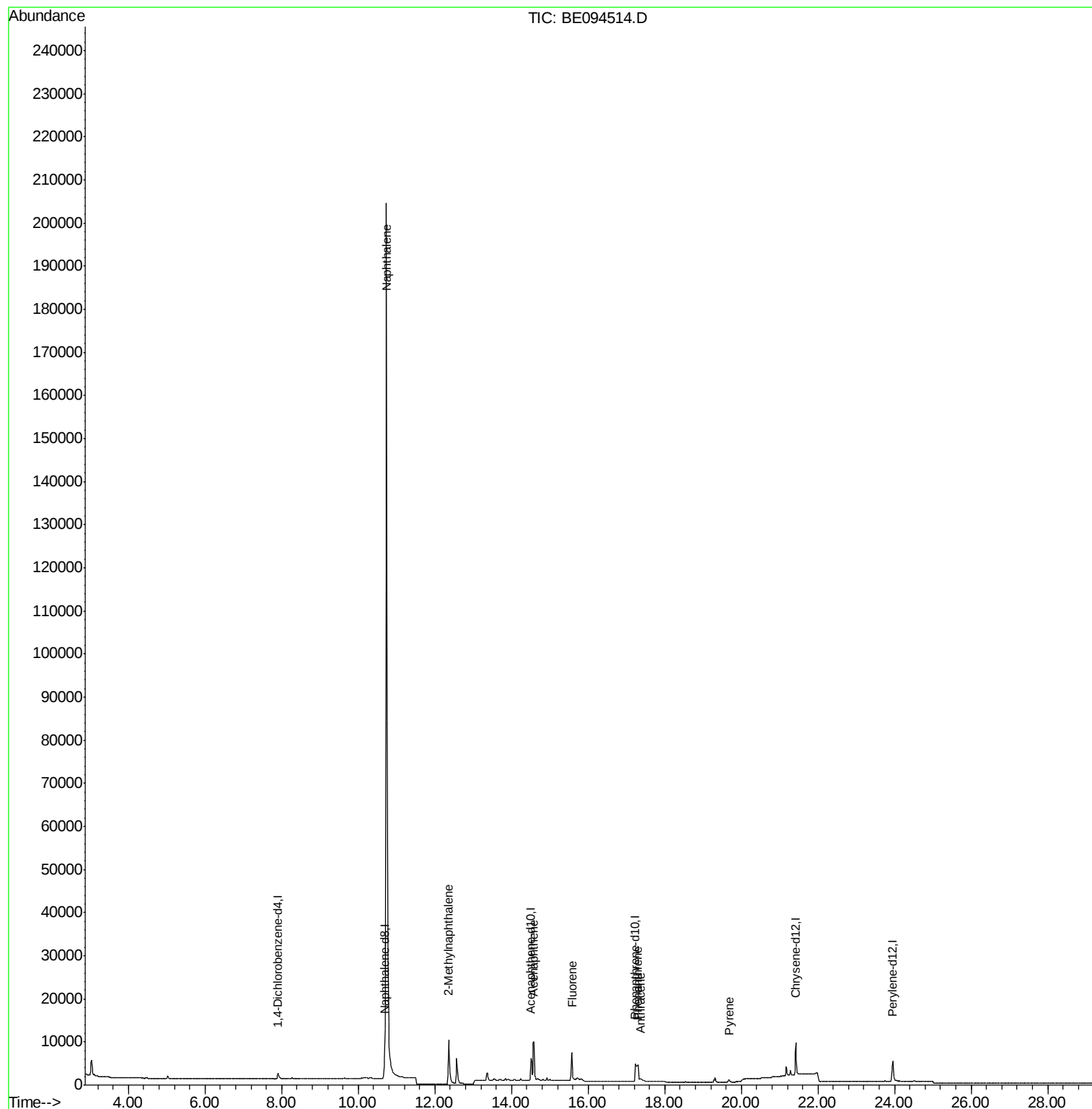
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
Data File : BE094514.D
Acq On : 24 Oct 2017 12:11
Operator : SJ/JU
Sample : I5950-12DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

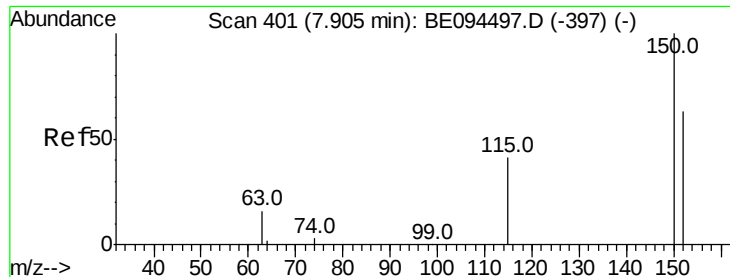
Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL

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Quant Time: Oct 24 16:09:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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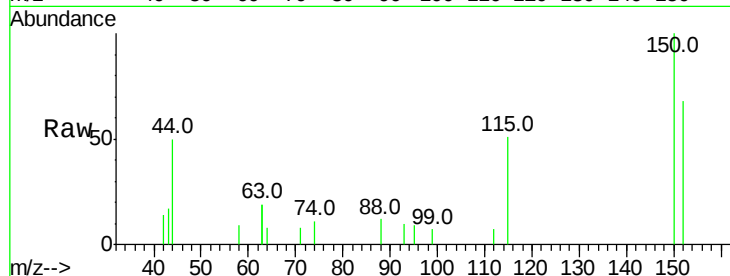
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BE094514.D
 Acq: 24 Oct 2017 12:11

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL

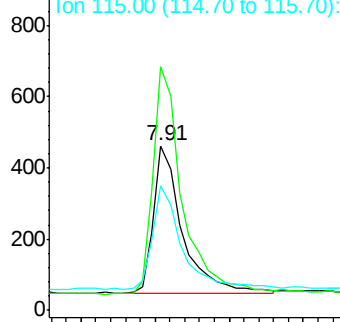
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	117.2	175.8
115	76.0	57.0	85.6

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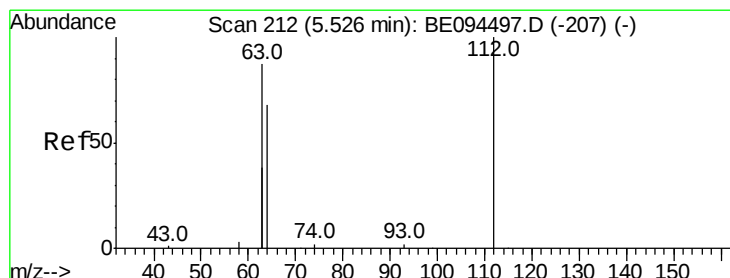
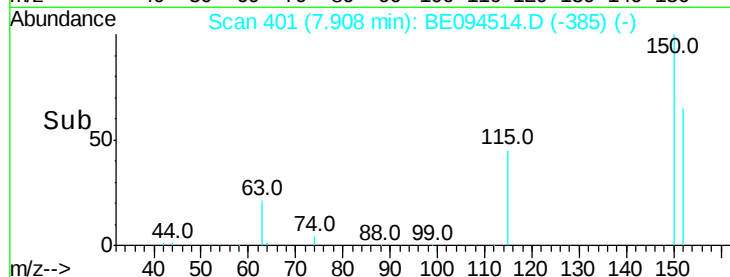
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Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



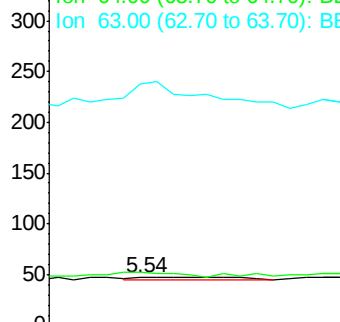
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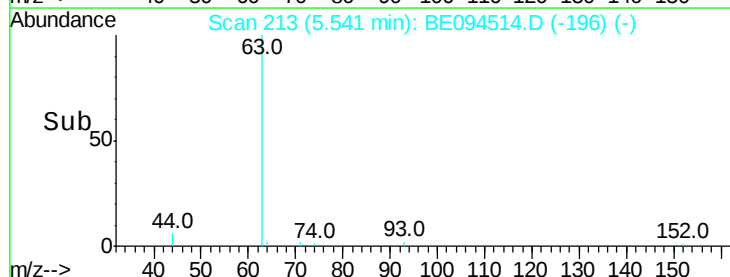
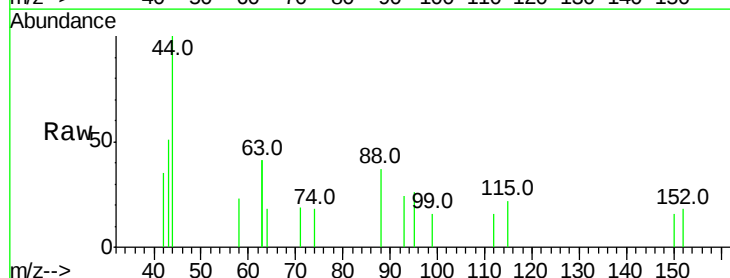
#4
 2-Fluorophenol
 Concen: 0.003 ng
 RT: 5.54 min Scan# 213
 Delta R.T. 0.02 min
 Lab File: BE094514.D
 Acq: 24 Oct 2017 12:11

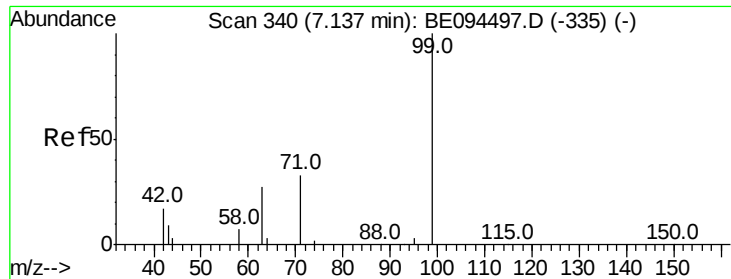
Tgt Ion	Ratio	Lower	Upper
112	100		
64	181.8	60.1	90.1#
63	0.0	116.8	175.2#

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: 0.001 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Instrument :

BNA_E

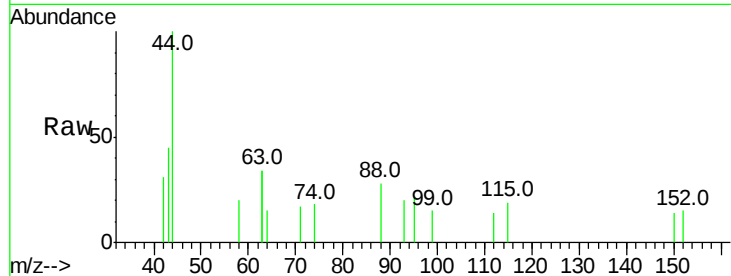
ClientSampleId :

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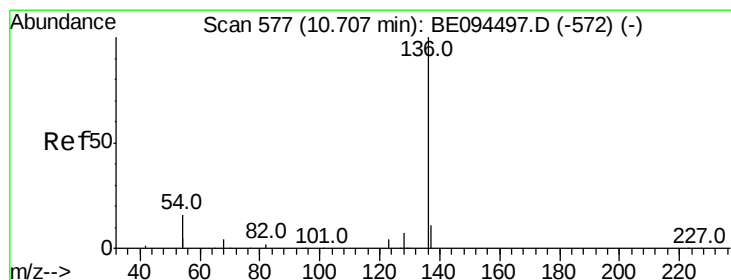
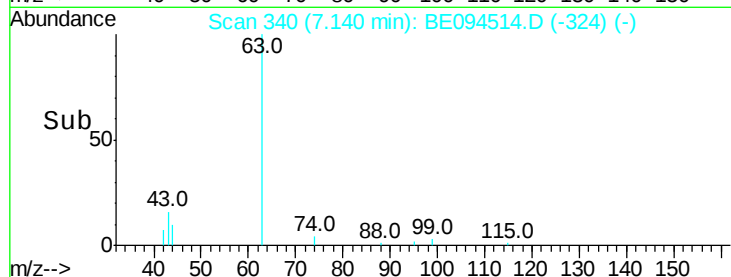
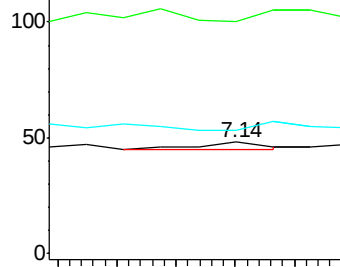
Tot Ion	Ratio	Lower	Upper
99	100		
42	780.0	20.2	30.2#
71	140.0	28.4	42.6#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

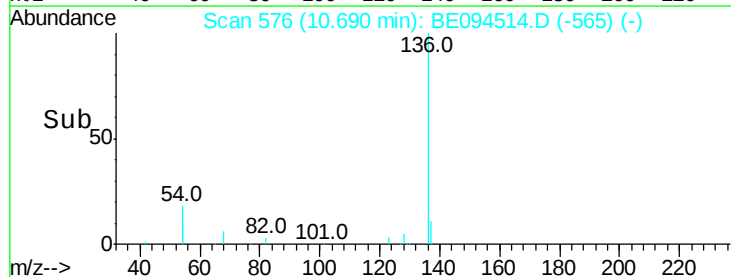
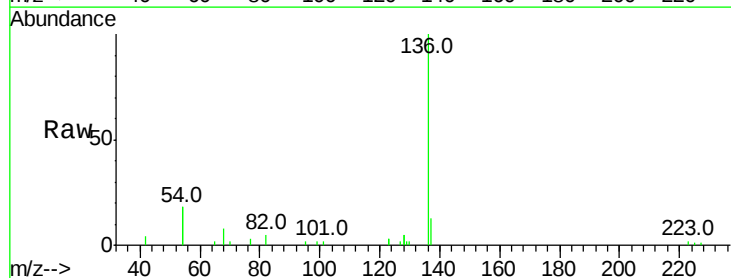
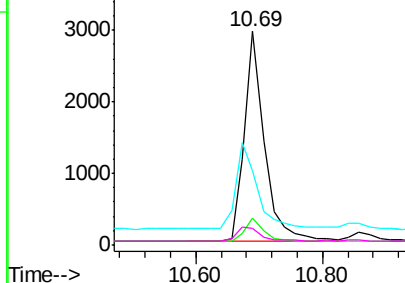
Delta R.T. -0.02 min

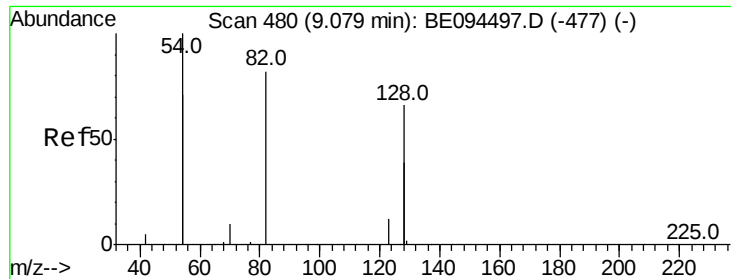
Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	35.1	29.1	43.7
68	7.5	6.2	9.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.008 ng

RT: 9.10 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Instrument :

BNA_E

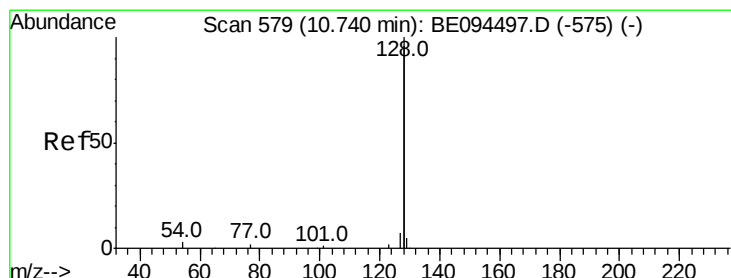
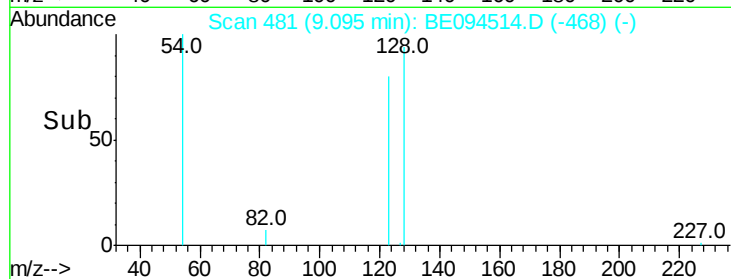
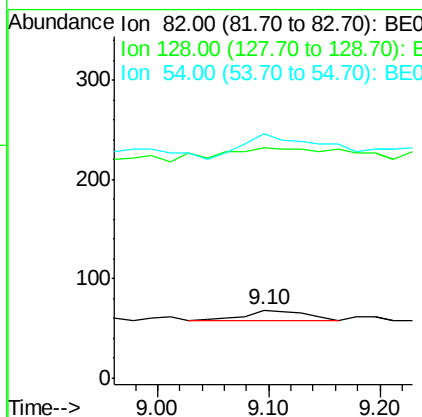
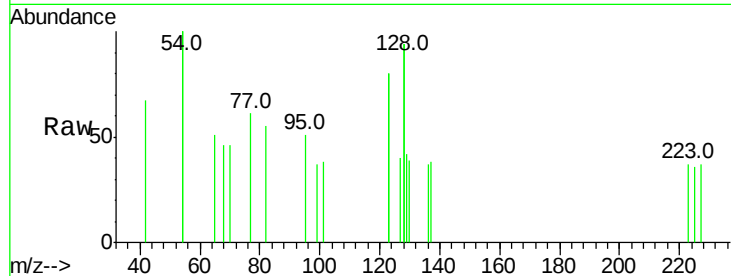
ClientSampleId :

20170725-PA-A-COMP1DL

Tot Ion:	82	Resp:	43
Ion	Ratio	Lower	Upper
82	100		
128	341.2	150.0	225.0#
54	361.8	154.2	231.4#

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#9

Naphthalene

Concen: 5.971 ng

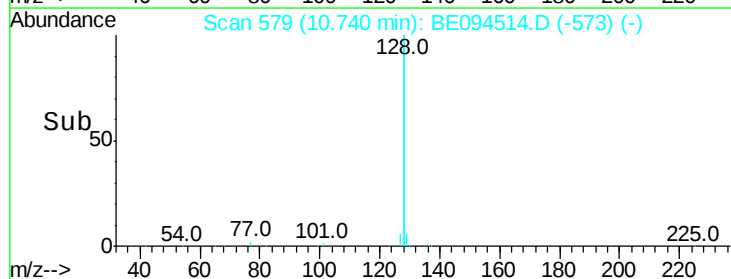
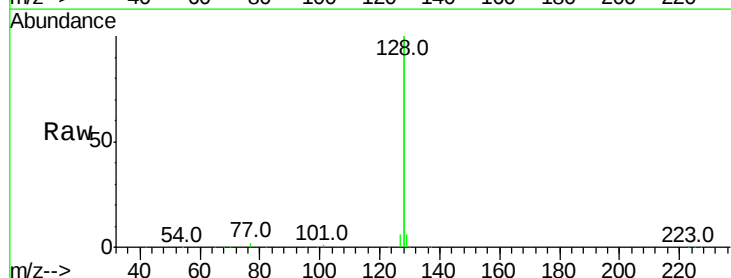
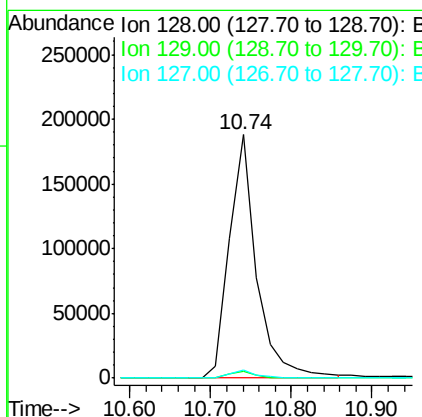
RT: 10.74 min Scan# 579

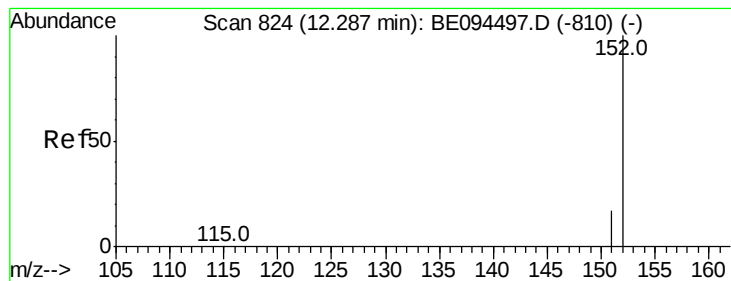
Delta R.T. -0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Tgt Ion:	128	Resp:	438765
Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.2	2.8	4.2





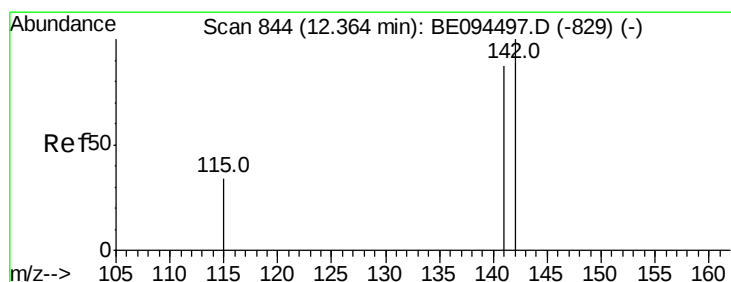
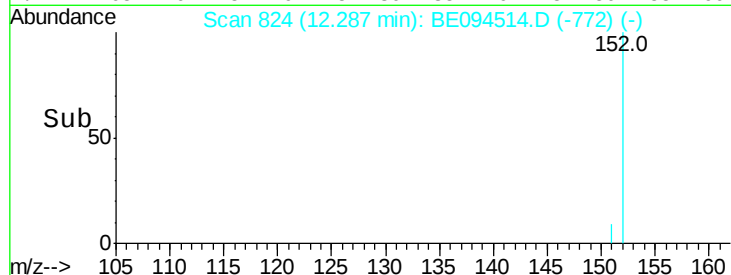
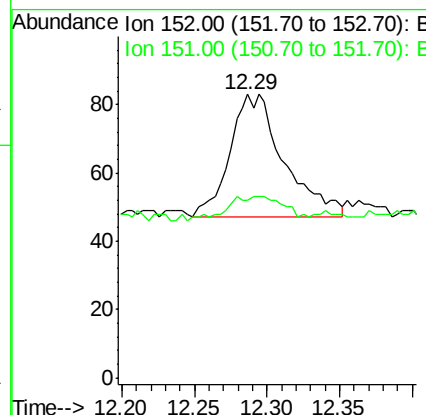
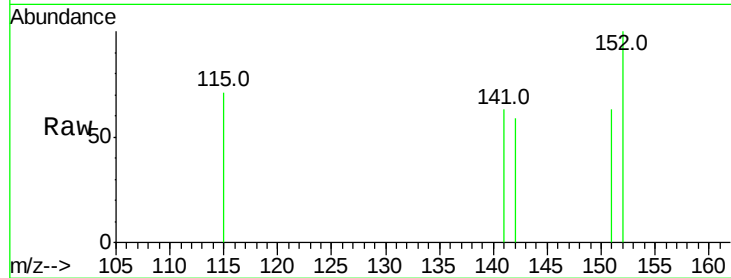
#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL

Tot Ion:152 Resp: 94
Ion Ratio Lower Upper
152 100
151 21.3 15.4 23.0

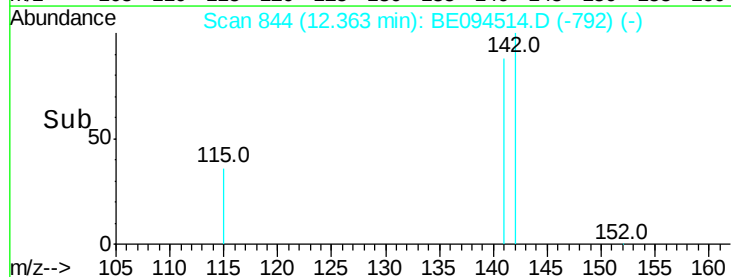
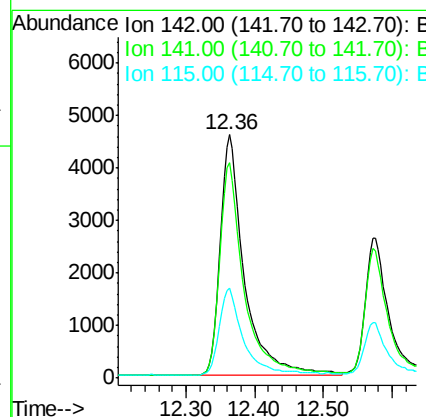
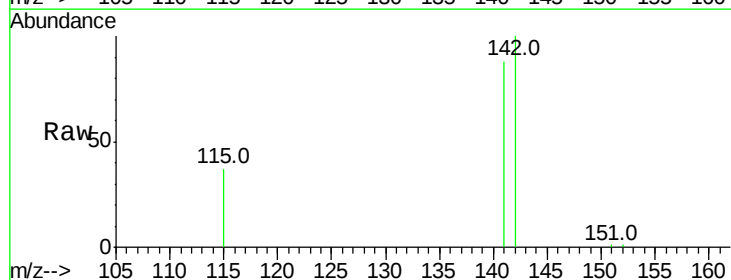
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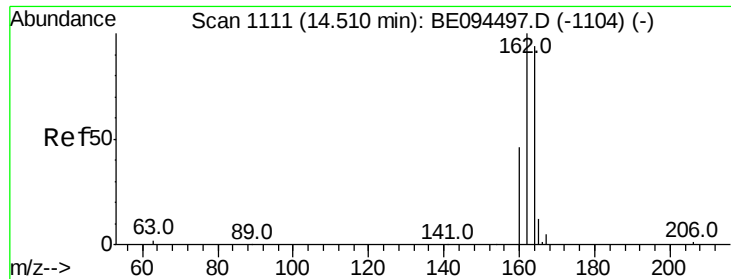
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#12
2-Methylnaphthalene
Concen: 0.916 ng
RT: 12.36 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Tgt Ion:142 Resp: 11424
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 37.2 31.7 47.5





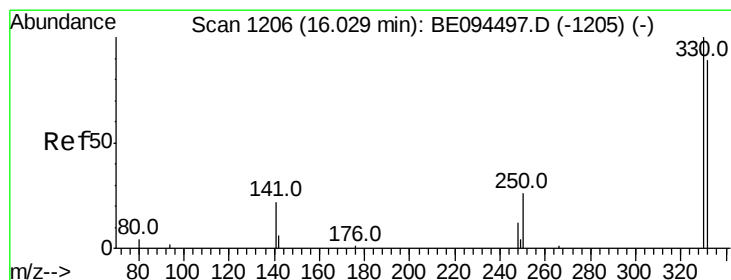
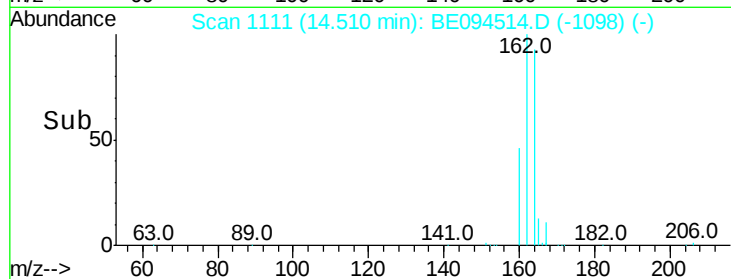
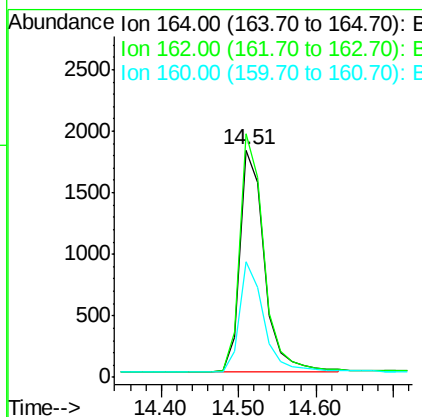
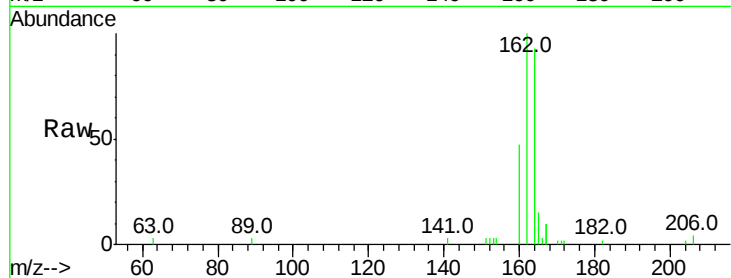
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094514.D
 Acq: 24 Oct 2017 12:11

Instrument :
 BNA_E
 ClientSampleId :
 20170725-PA-A-COMP1DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.1	124.7
160	50.6	37.1	55.7

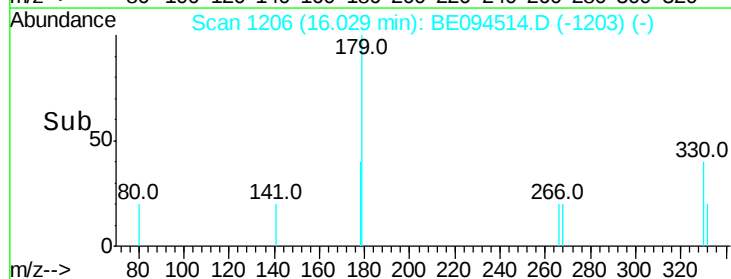
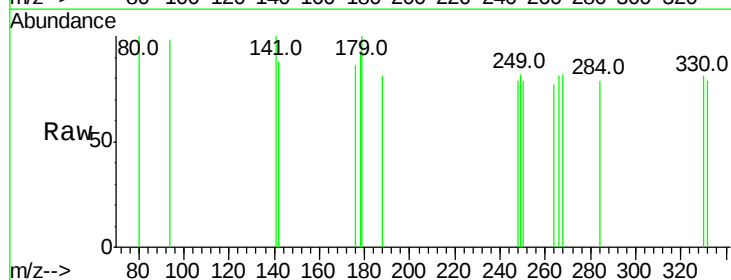
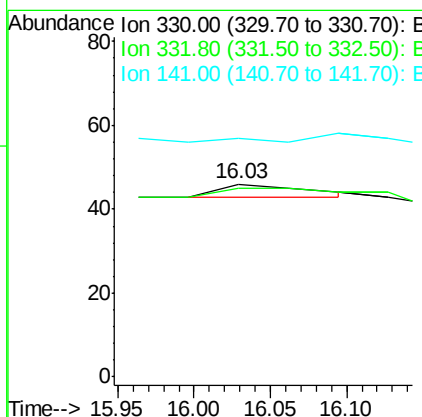
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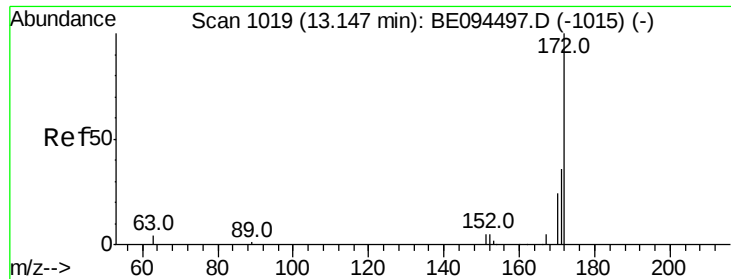
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#14
 2,4,6-Tribromophenol
 Concen: 0.011 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094514.D
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	83.3	152.7	229.1#
141	0.0	33.7	50.5#





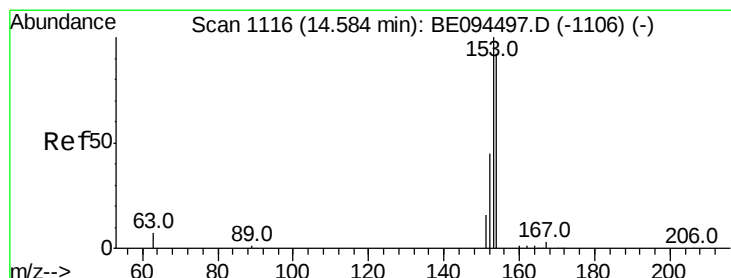
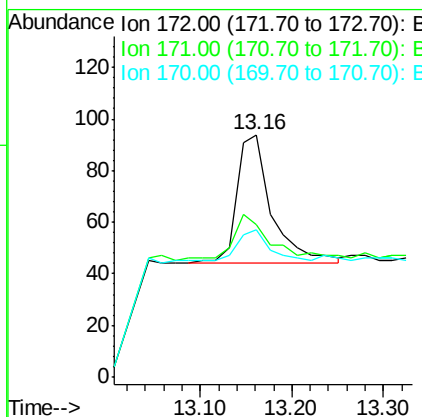
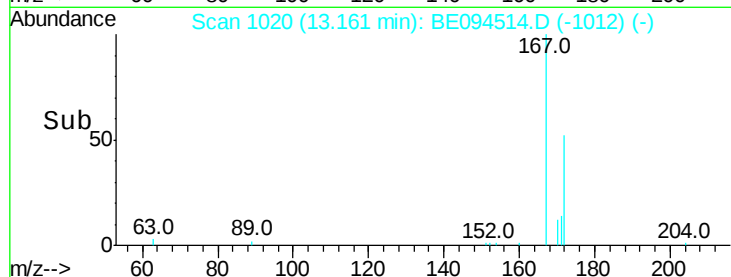
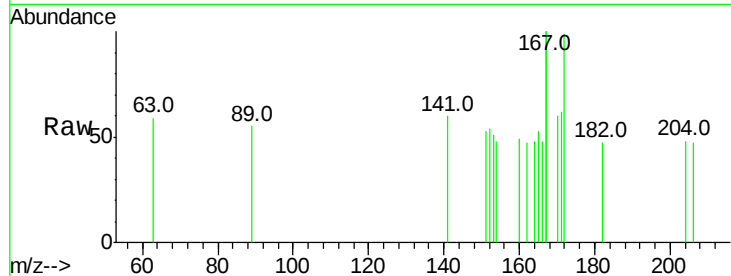
#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	62.8	29.9	44.9#
170	60.6	21.8	32.8#

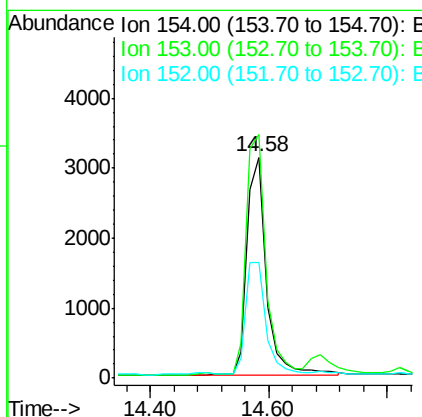
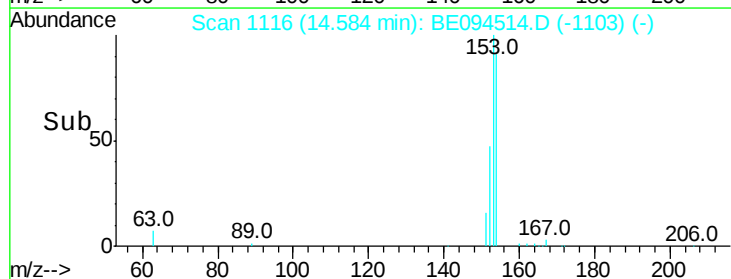
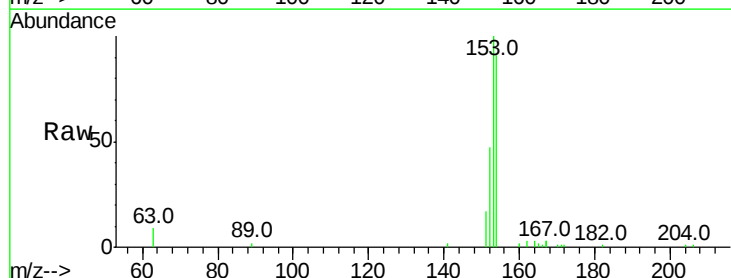
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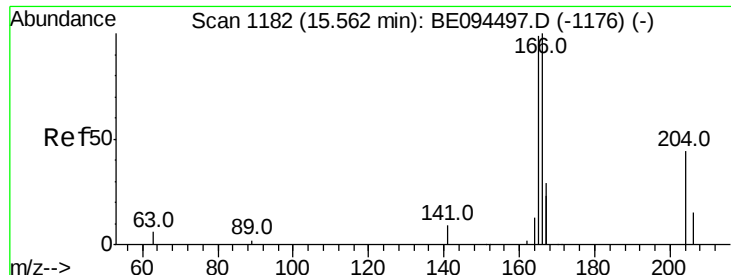
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#17
Acenaphthene
Concen: 0.526 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.2	133.8
152	54.3	42.0	63.0





#18

Fluorene

Concen: 0.328 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Instrument :

BNA_E

ClientSampleId :

20170725-PA-A-COMP1DL

Tot Ion:166 Resp: 5608

Ion Ratio Lower Upper

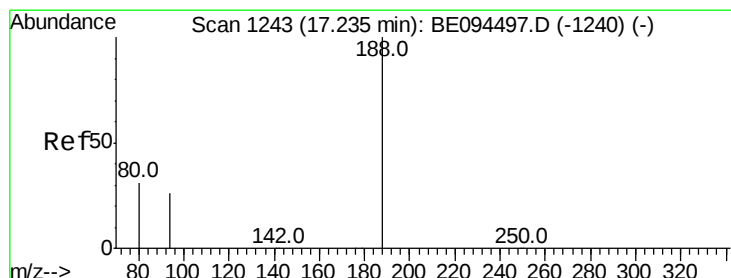
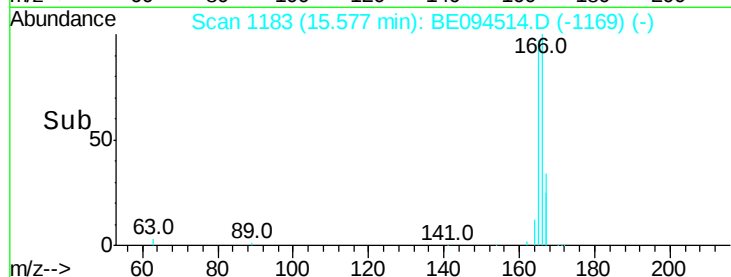
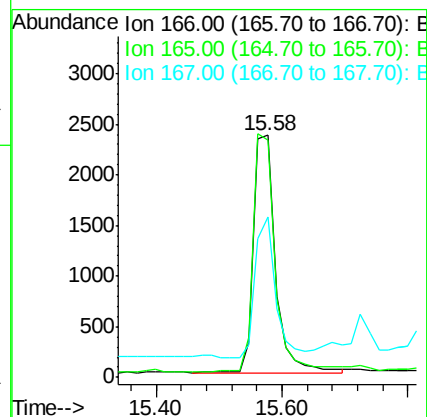
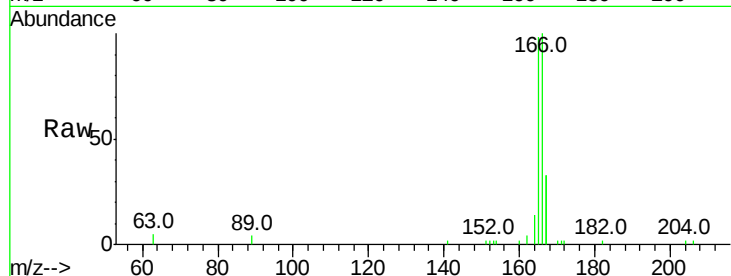
166 100

165 100.2 77.8 116.6

167 54.9 42.4 63.6

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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

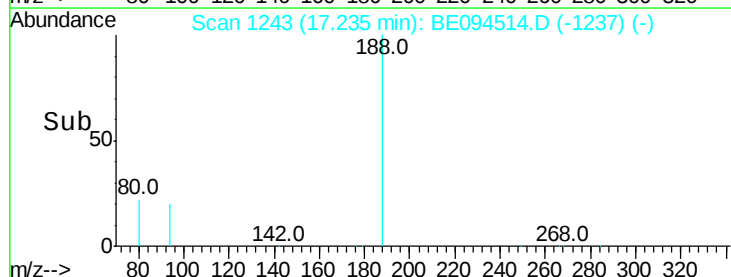
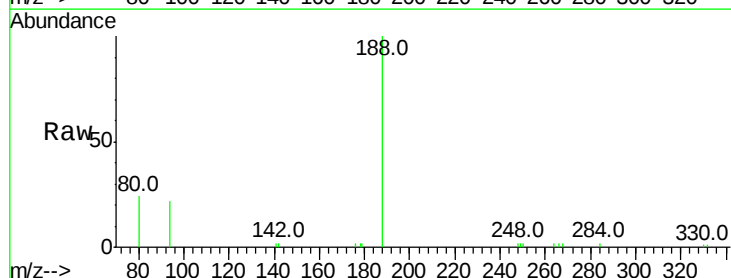
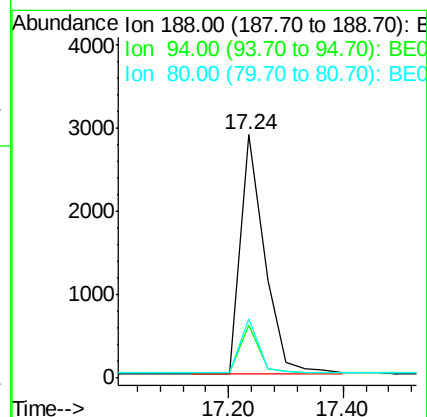
Tgt Ion:188 Resp: 8380

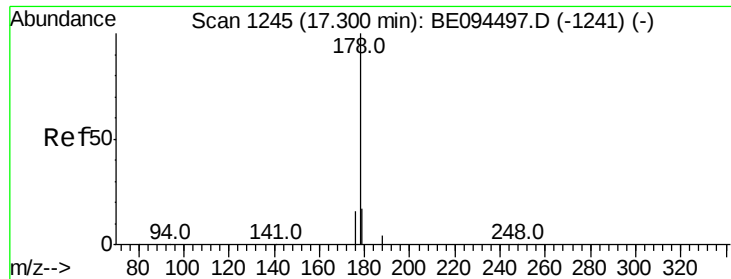
Ion Ratio Lower Upper

188 100

94 21.6 3.9 5.9#

80 24.1 3.6 5.4#





#23

Phenanthrene

Concen: 0.407 ng/mL

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Instrument :

BNA_E

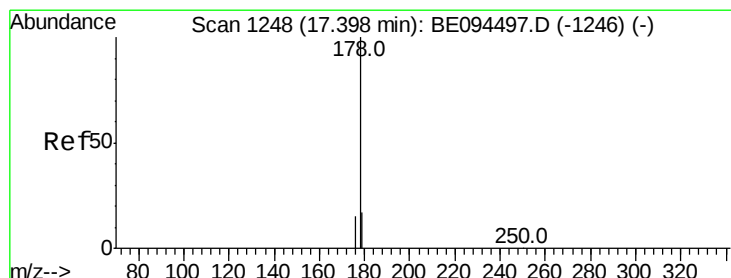
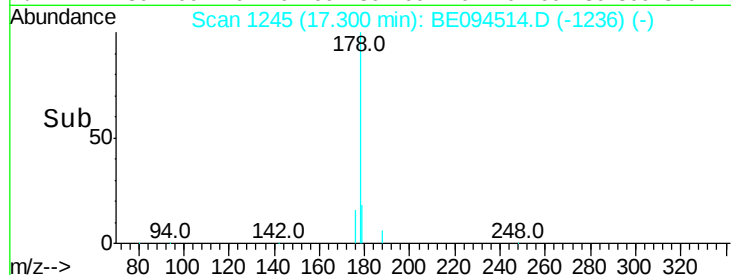
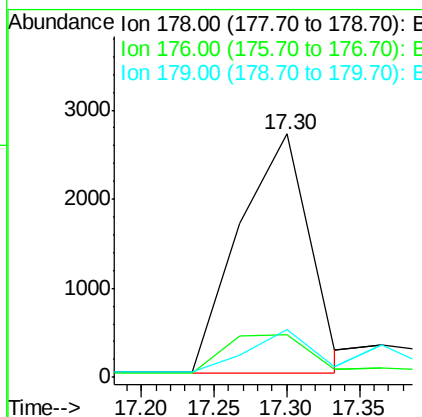
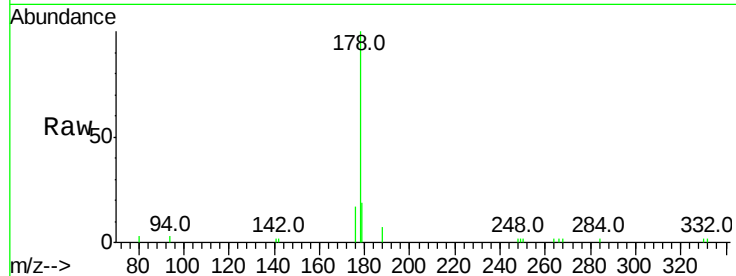
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	27.0	11.8	17.6

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#24

Anthracene

Concen: 0.054 ng/mL

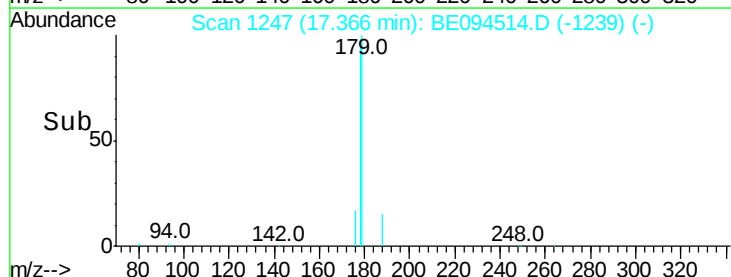
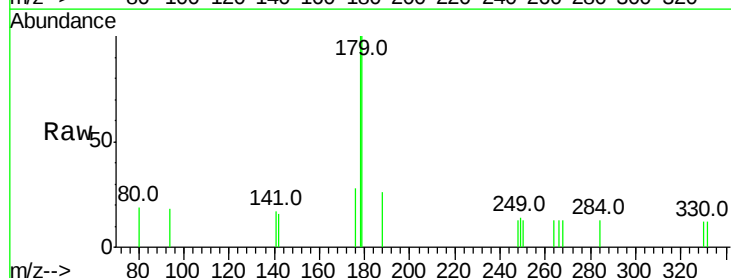
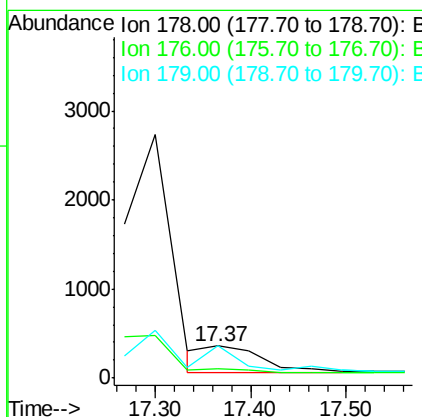
RT: 17.37 min Scan# 1247

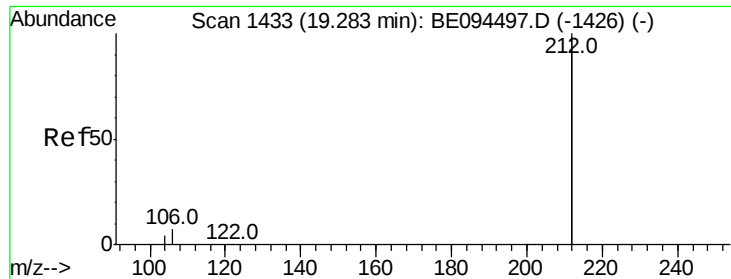
Delta R.T. -0.03 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	146.4	12.8	19.2
179	185.2	13.0	19.6





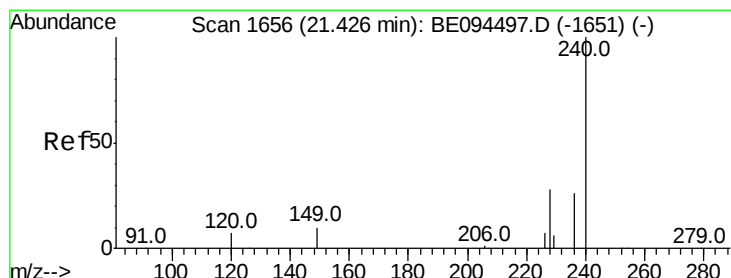
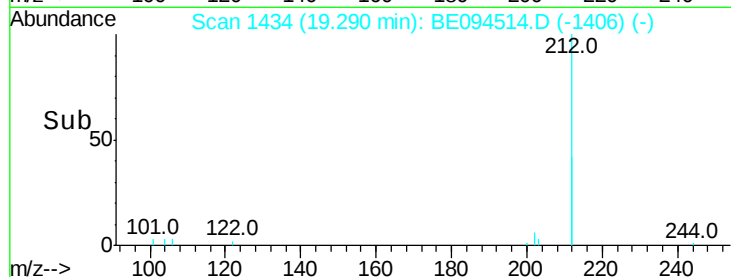
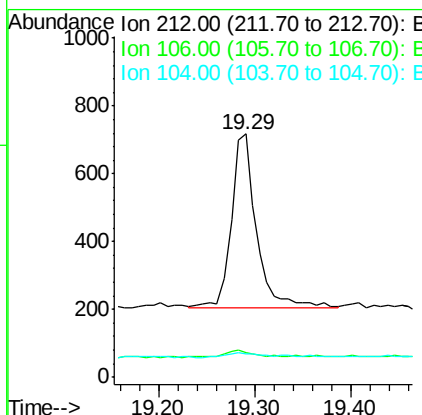
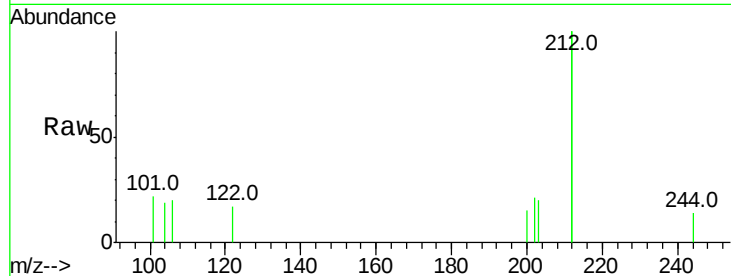
#25
Fluoranthene-d10
Concen: 0.010 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	3.1	1.6	2.4

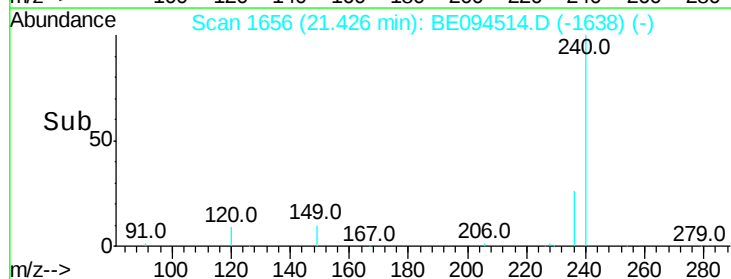
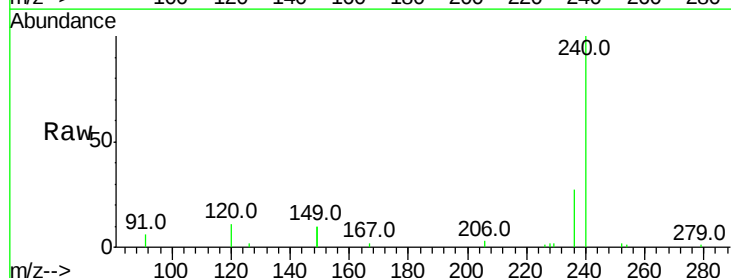
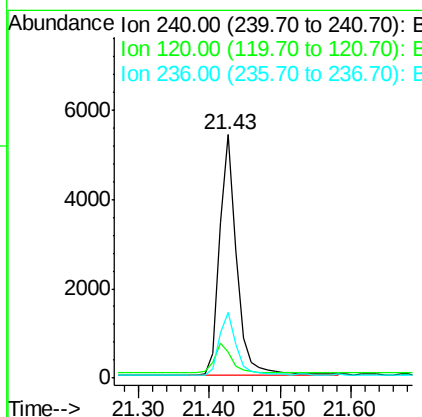
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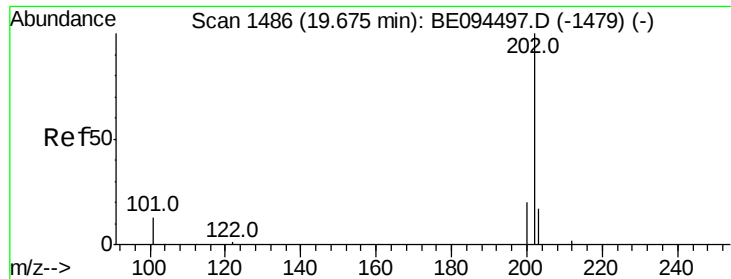
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.5	8.3
236	27.2	20.7	31.1





#28

Pvrene

Concen: 0.022 ng

RT: 19.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Instrument :

BNA_E

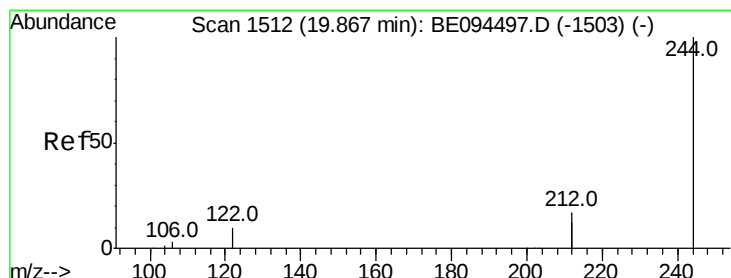
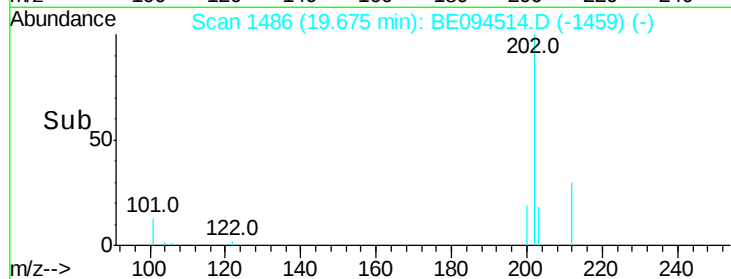
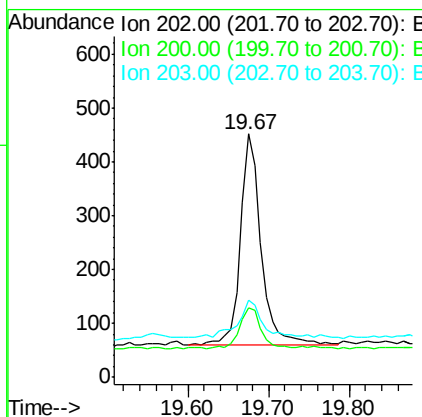
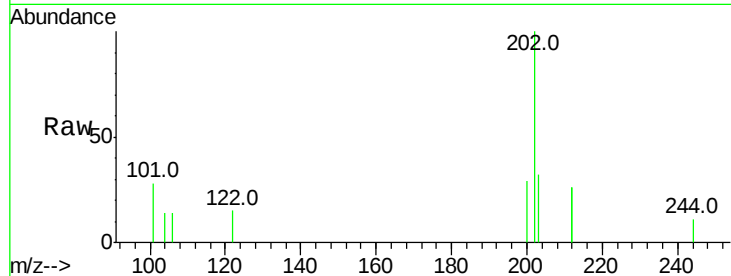
ClientSampleId :

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Tot Ion:	202	Resp:	700
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	20.7	13.8	20.8

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#29

Terphenyl-d14

Concen: 0.011 ng

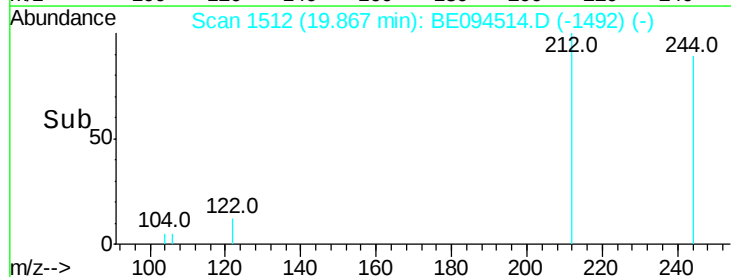
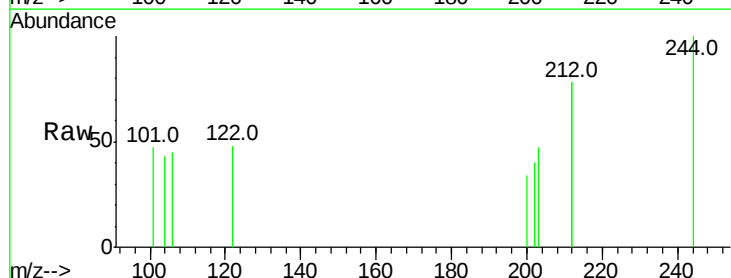
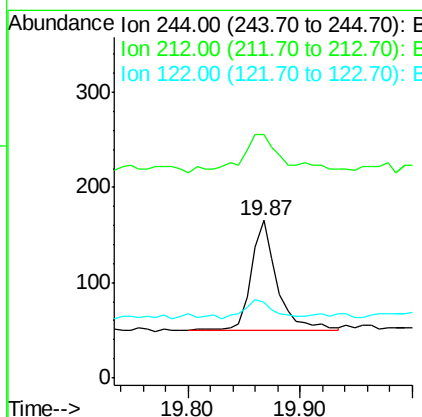
RT: 19.87 min Scan# 1512

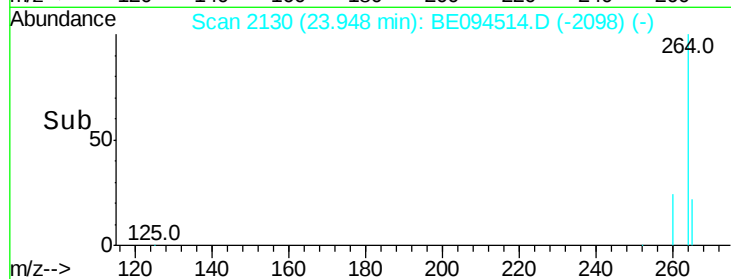
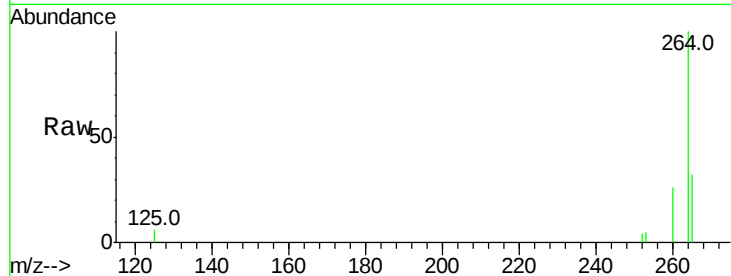
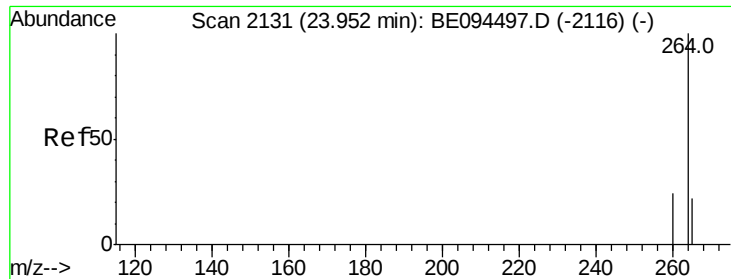
Delta R.T. 0.00 min

Lab File: BE094514.D

Acq: 24 Oct 2017 12:11

Tgt Ion:	244	Resp:	185
Ion Ratio	Lower	Upper	
244	100		
212	155.2	25.4	38.0#
122	47.9	8.1	12.1#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE094514.D
Acq: 24 Oct 2017 12:11

Tot Ion:	264	Resp:	8787
Ion Ratio	Lower	Upper	
264	100		
260	25.9	20.5	30.7
265	31.5	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
20170725-PA-A-COMP1DL

Manual Integrations
APPROVED

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