Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096265.D
Acq On : 1 May 2018 19:54
Operator : SJ/JU
Sample : J2507-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

Manual Integrations APPROVED
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Quant Time: May 02 14:26:07 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	774	0.40	ng	0.00
7) Naphthalene-d8	11.17	136	13367	0.40	ng	-0.03
13) Acenaphthene-d10	14.97	164	1344m	0.40	ng	0.02
19) Phenanthrene-d10	17.66	188	3924m	0.40	ng	0.01
27) Chrysene-d12	21.75	240	3753m	0.40	ng	0.01
34) Perylene-d12	24.35	264	3803	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.90	112	882	0.37	ng	0.04
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	9.52	82	2535	0.16	ng	-0.03
11) 2-Methylnaphthalene-d10	12.76	152	1855m	0.09	ng	0.02
14) 2,4,6-Tribromophenol	16.44	330	468m	0.72	ng	0.02
15) 2-Fluorobiphenyl	13.73	172	1245m	0.22	ng	0.16
25) Fluoranthene-d10	19.64	212	20291m	0.38	ng	0.00
29) Terphenyl-d14	20.19	244	4305	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	4202314	3514.812	ng	# 80
3) n-Nitrosodimethylamine	3.96	42	399988	273.067	ng	# 1
6) bis(2-Chloroethyl)ether	7.80	93	1077181	370.536	ng	98
9) Naphthalene	11.27	128	917870	6.513	ng	99
12) 2-Methylnaphthalene	12.84	142	16745m	0.718	ng	
18) Fluorene	15.99	166	580m	0.109	ng	
32) Bis(2-ethylhexyl)phthalate	21.60	149	10542m	0.339	ng	

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

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BNA_E
ClientSampleId :
KY032MW006-180419

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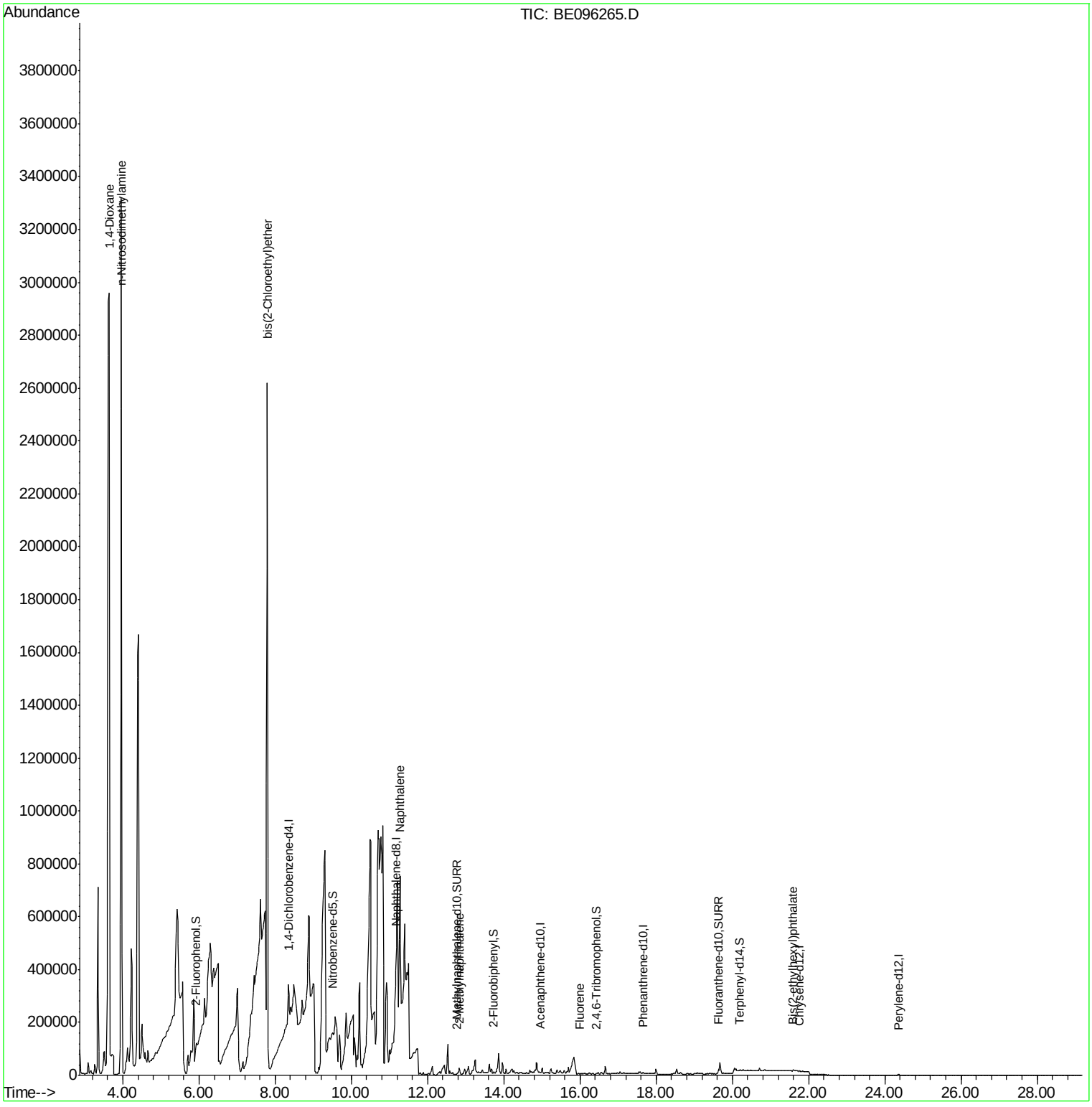

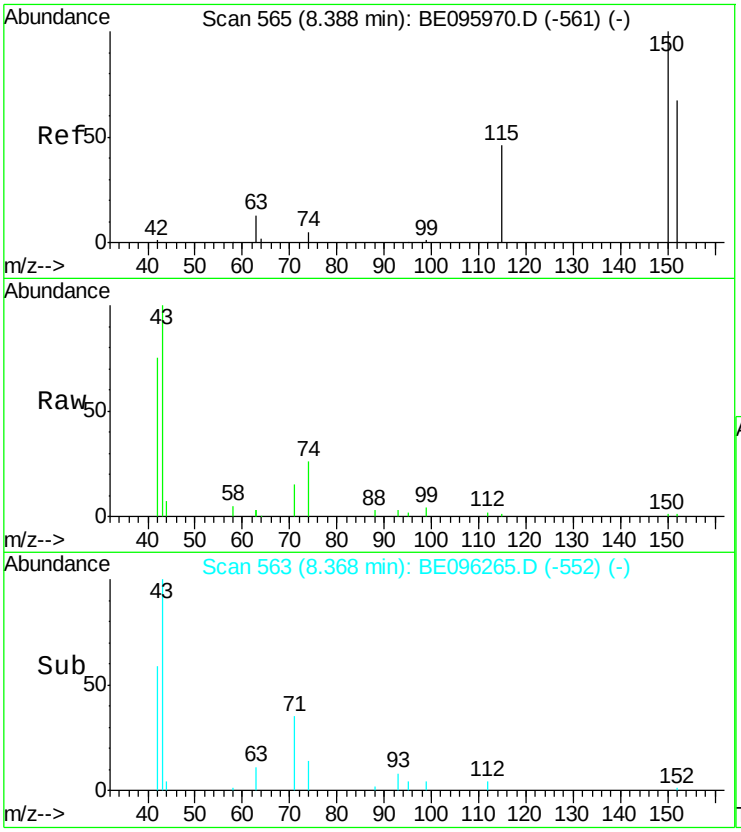

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.37 min Scan# 563
Delta R.T. 0.01 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:152 Resp: 774

Ion	Ratio	Lower	Upper
152	100		
150	136.1	117.2	175.8
115	137.1	57.0	85.6#

Instrument :
BNA_E
ClientSampleId :
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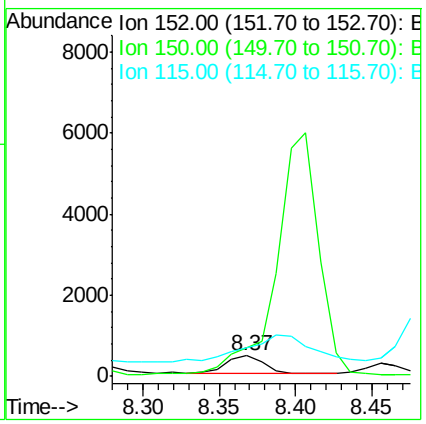
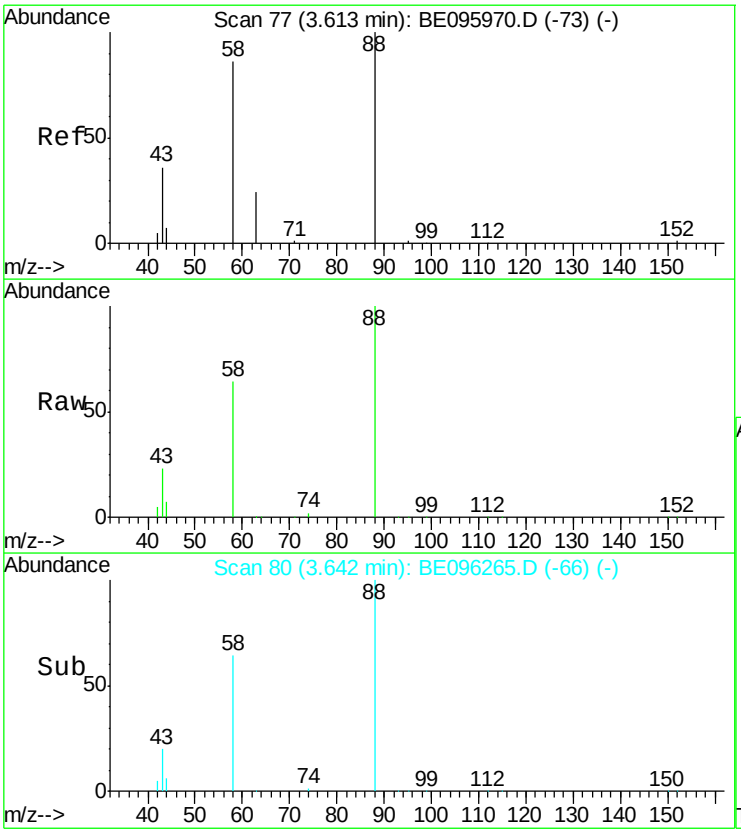
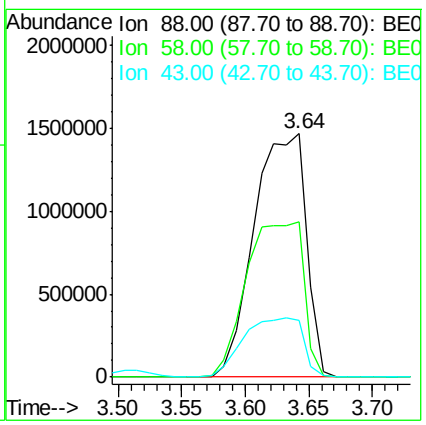


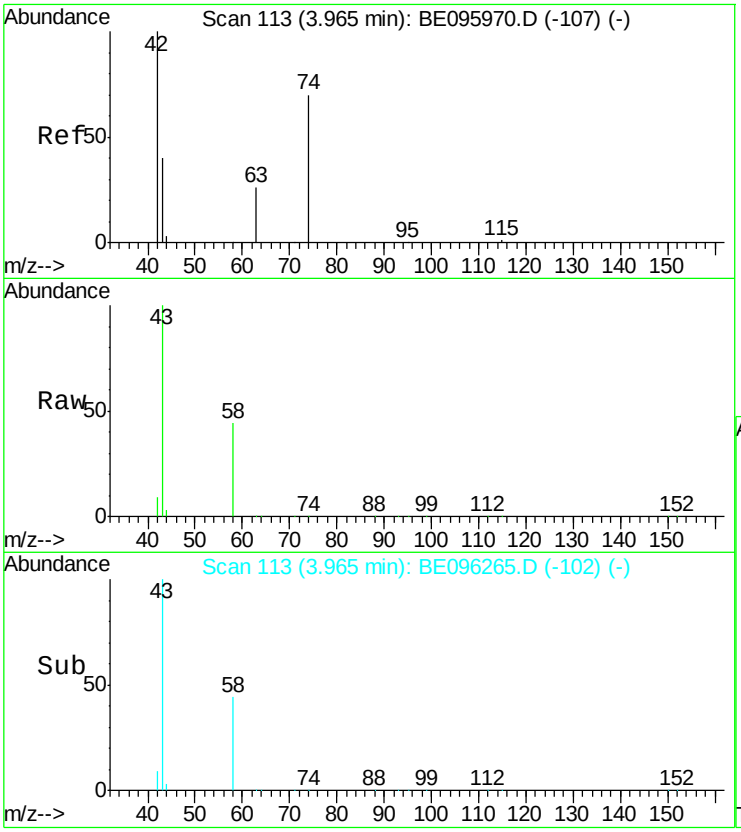


#2
1,4-Dioxane
Concen: 3514.812 ng
RT: 3.64 min Scan# 80
Delta R.T. 0.04 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion: 88 Resp: 4202314

Ion	Ratio	Lower	Upper
88	100		
58	69.7	63.2	94.8
43	27.2	41.2	61.8#





#3
n-Nitrosodimethylamine
Concen: 273.067 ng
RT: 3.96 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion: 42 Resp: 399988

Ion	Ratio	Lower	Upper
42	100		
74	0.6	96.0	144.0#
44	29.5	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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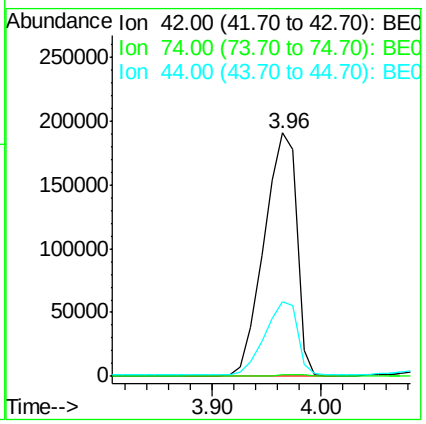
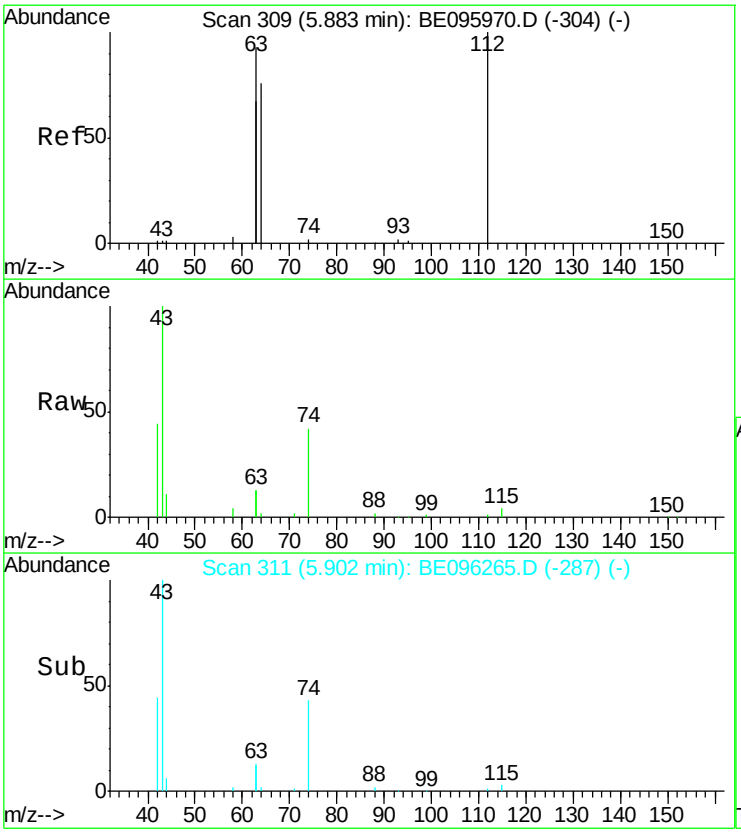
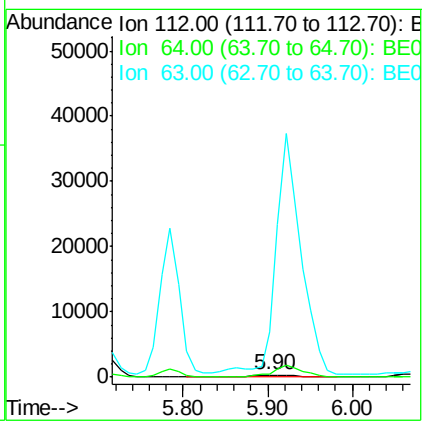


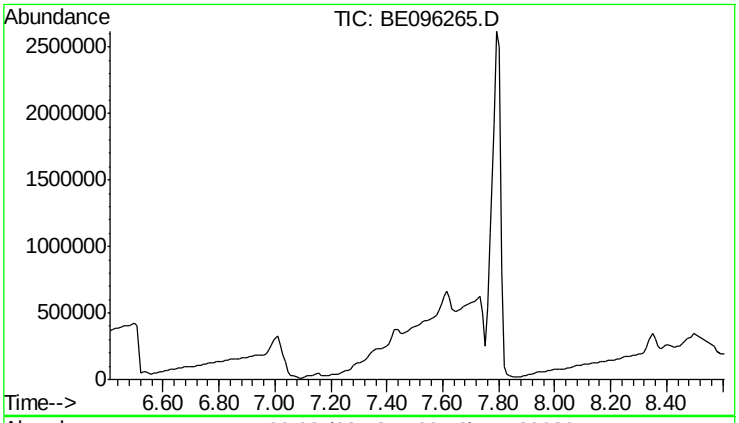


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.90 min Scan# 311
Delta R.T. 0.04 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:112 Resp: 882

Ion	Ratio	Lower	Upper
112	100		
64	473.9	60.1	90.1#
63	8535.1	116.8	175.2#





#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.51 min

Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.2
71	35.5

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

Manual Integrations APPROVED
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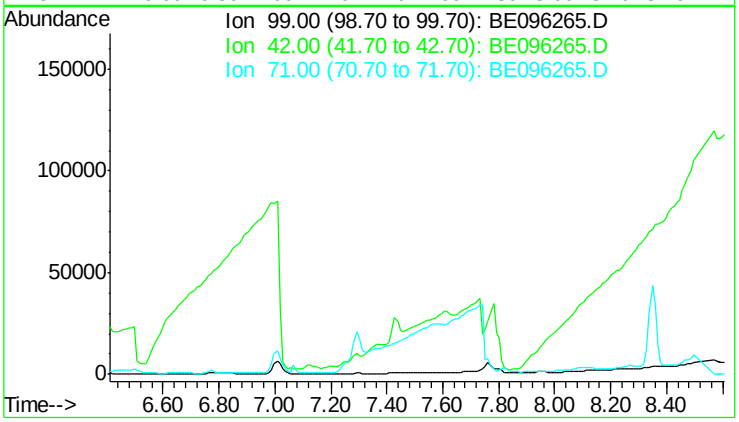
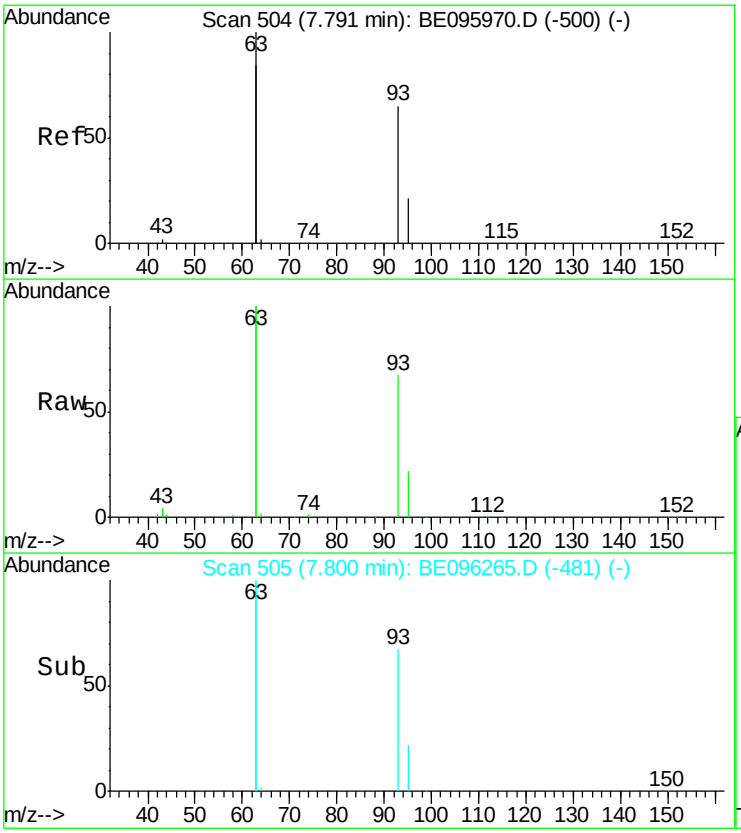
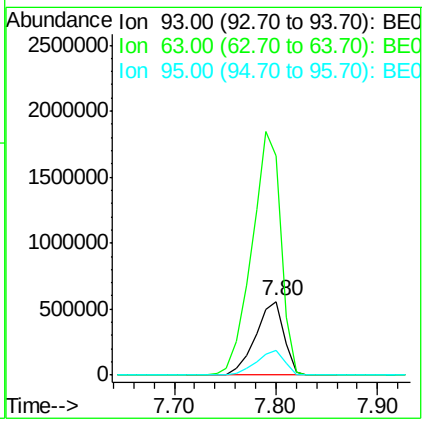


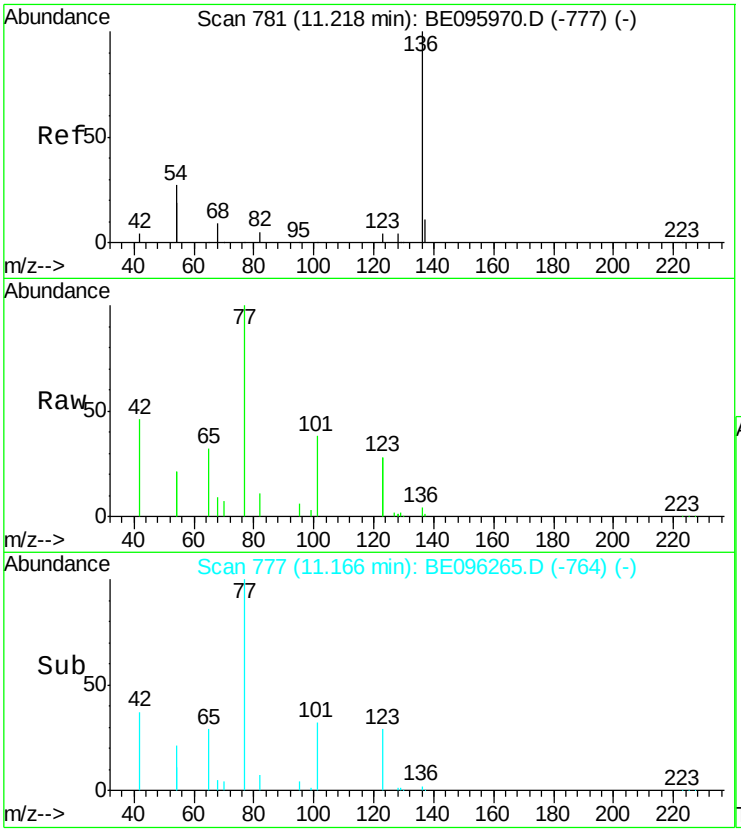


#6
bis(2-Chloroethyl)ether
Concen: 370.536 ng
RT: 7.80 min Scan# 505
Delta R.T. 0.04 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion: 93 Resp: 1077181

Ion	Ratio	Lower	Upper
93	100		
63	339.3	275.3	412.9
95	32.9	25.2	37.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:136 Resp: 13367

Ion	Ratio	Lower	Upper
136	100		
137	16.6	9.5	14.3#
54	1133.9	29.1	43.7#
68	237.2	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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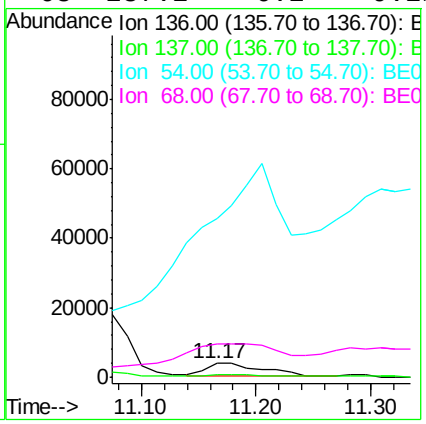
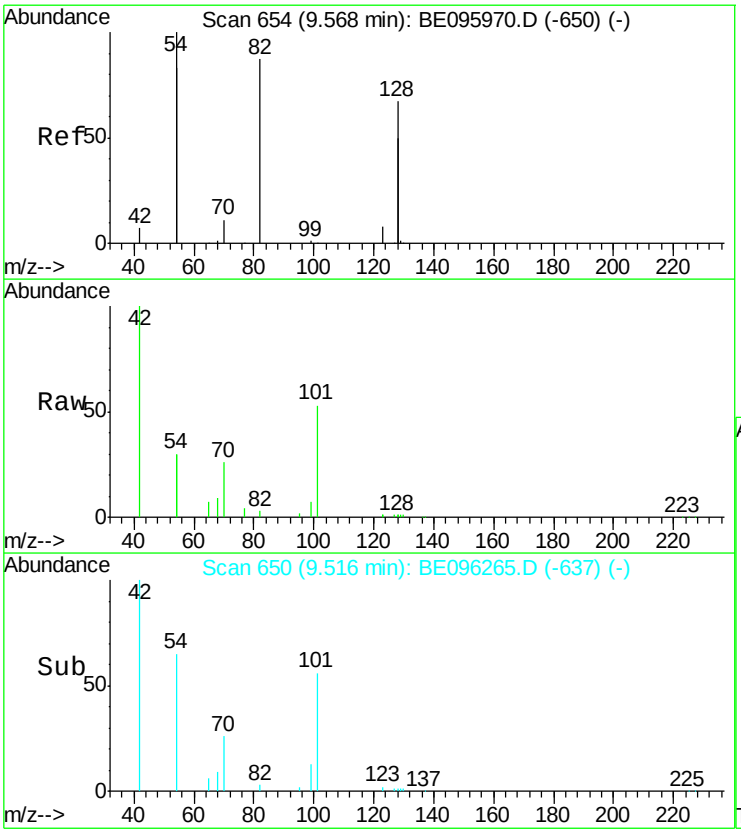
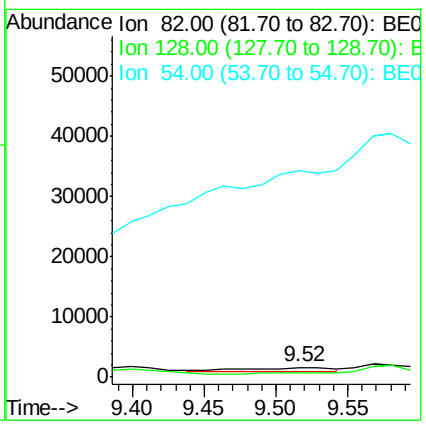


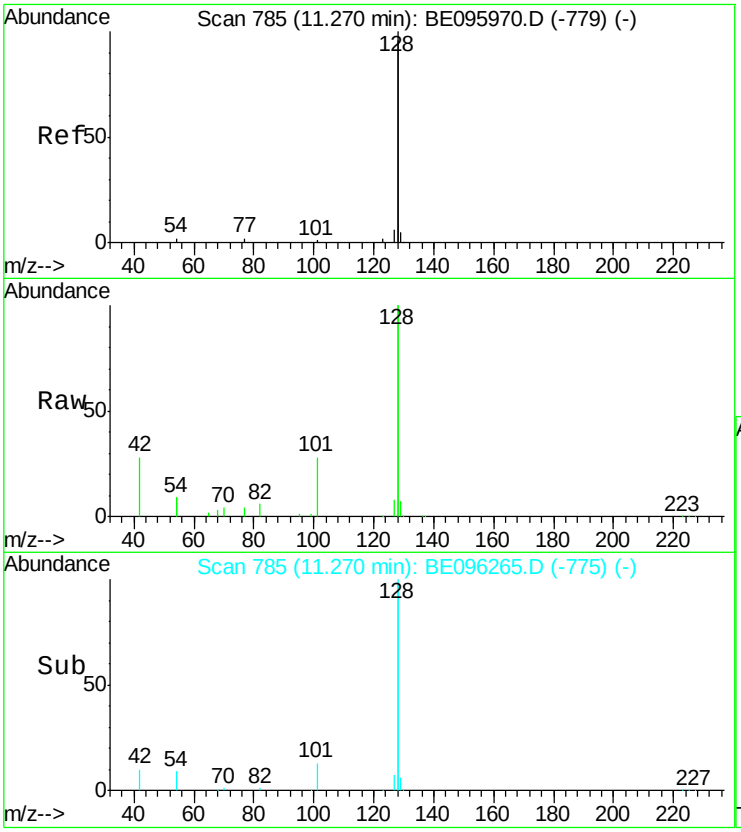


#8
Nitrobenzene-d5
Concen: 0.162 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion: 82 Resp: 2535

Ion	Ratio	Lower	Upper
82	100		
128	41.9	150.0	225.0#
54	2204.8	154.2	231.4#

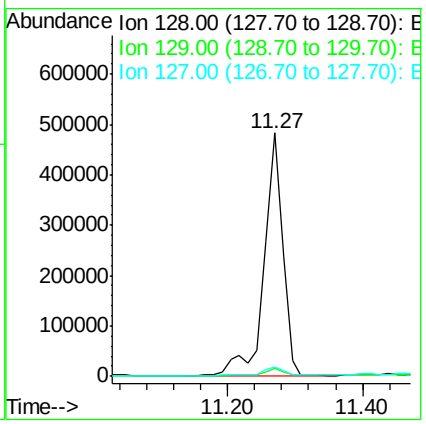




#9
Naphthalene
Concen: 6.513 ng
RT: 11.27 min Scan# 785
Delta R.T. 0.03 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:128 Resp: 917870

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2



Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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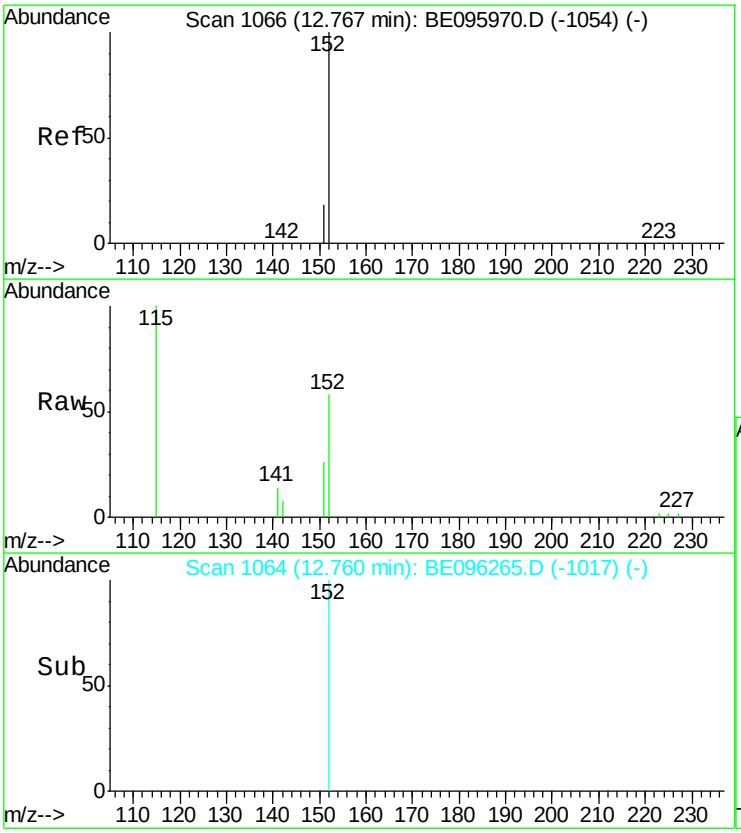
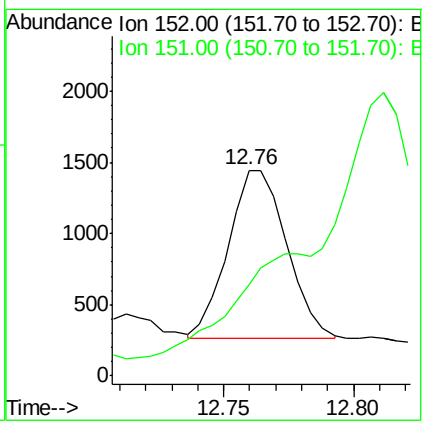
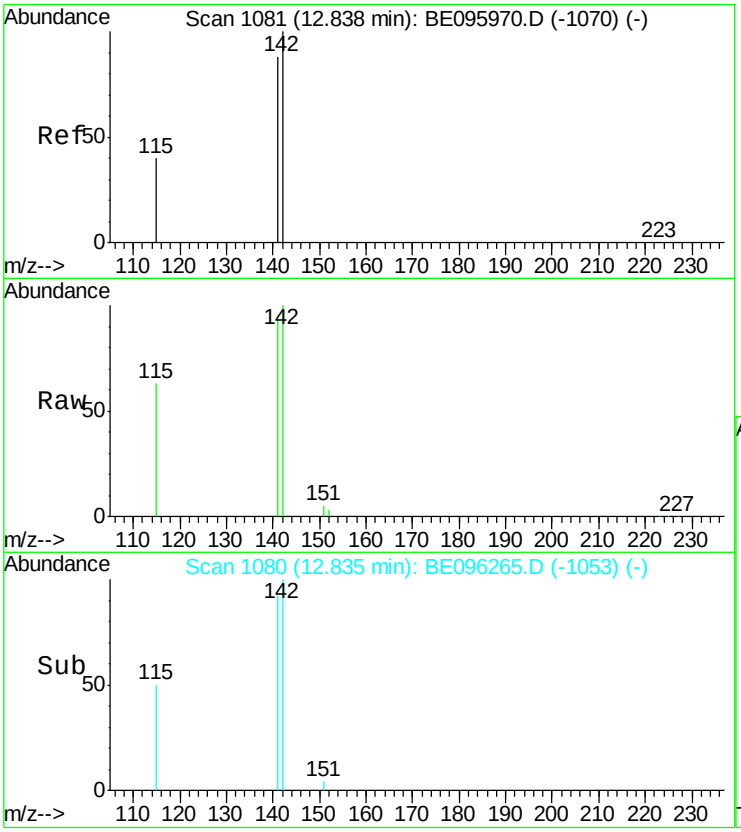


#11
2-Methylnaphthalene-d10
Concen: 0.088 ng m
RT: 12.76 min Scan# 1064
Delta R.T. 0.02 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:152 Resp: 1855

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#





#12
2-Methylnaphthalene
Concen: 0.718 ng m
RT: 12.84 min Scan# 1080
Delta R.T. 0.03 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:142 Resp: 16745

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.4	105.6
115	63.2	31.7	47.5#

Instrument :
BNA_E
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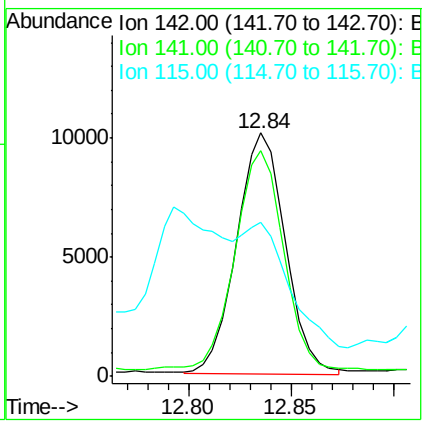
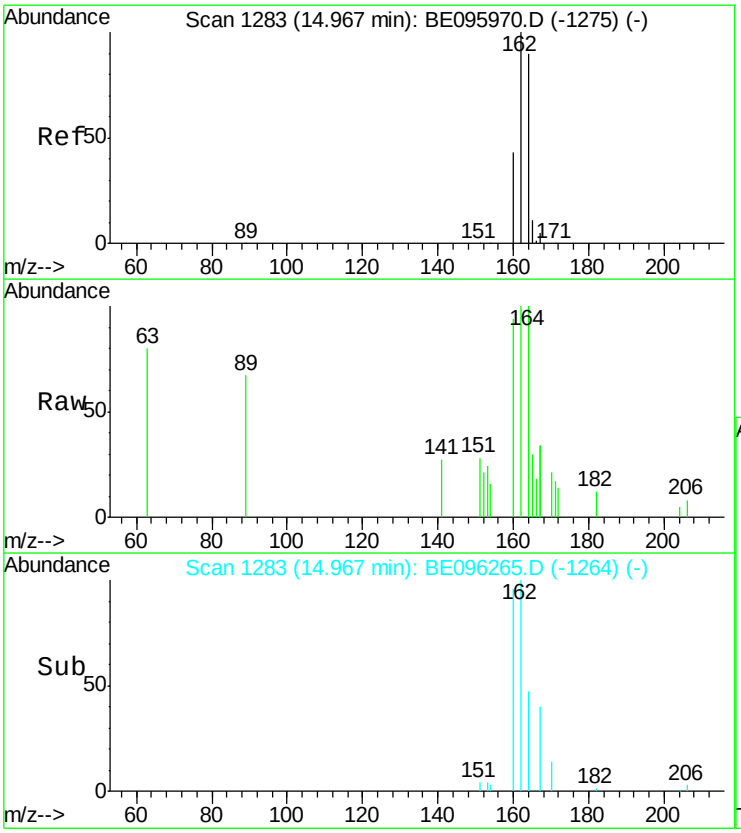
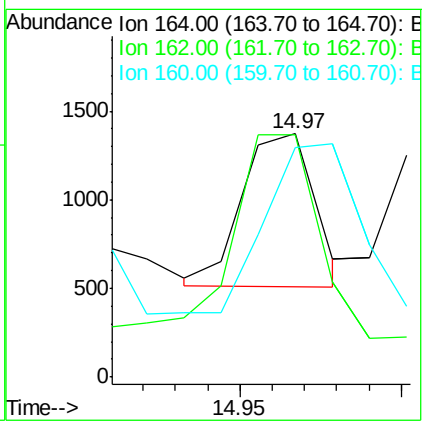


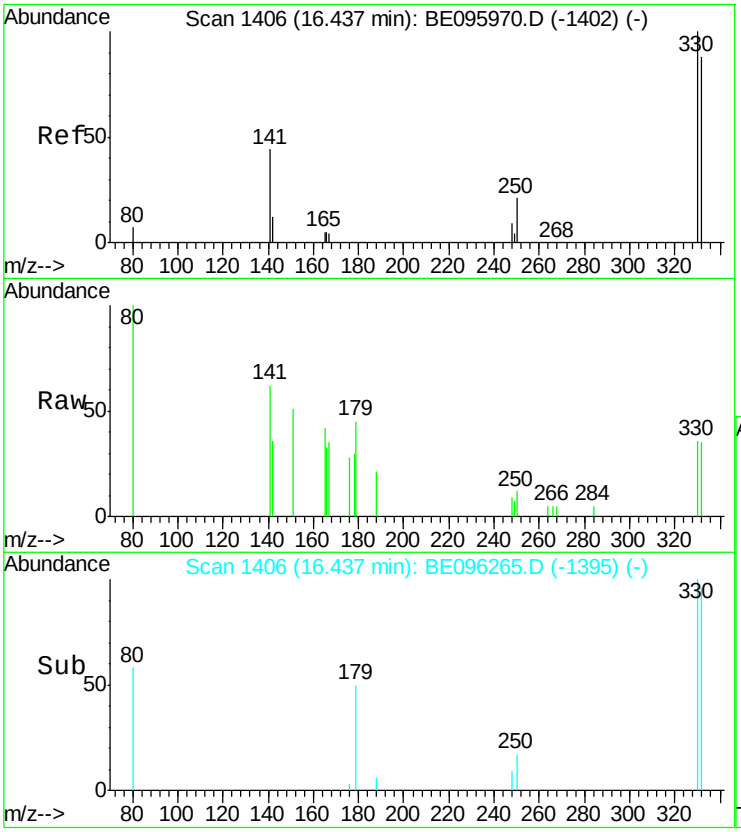


#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.97 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:164 Resp: 1344

Ion	Ratio	Lower	Upper
164	100		
162	99.6	83.1	124.7
160	94.5	37.1	55.7#





#14
2,4,6-Tribromophenol
Concen: 0.721 ng m
RT: 16.44 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:330 Resp: 468

Ion	Ratio	Lower	Upper
330	100		
332	1.1	152.7	229.1#
141	232.3	33.7	50.5#

Instrument :
BNA_E
ClientSampleId :
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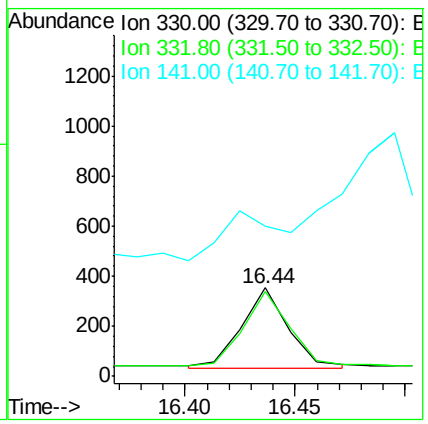
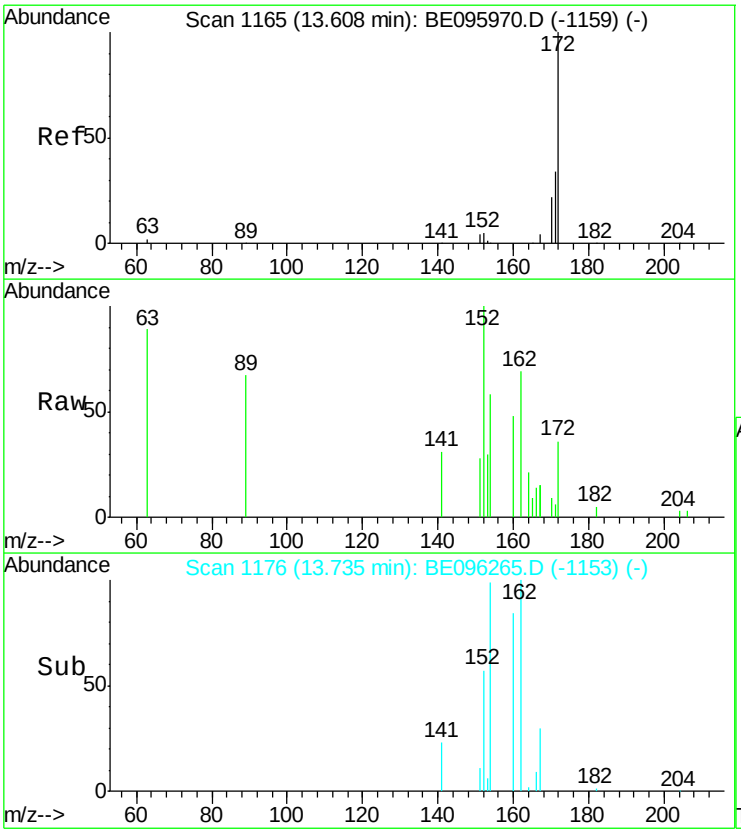
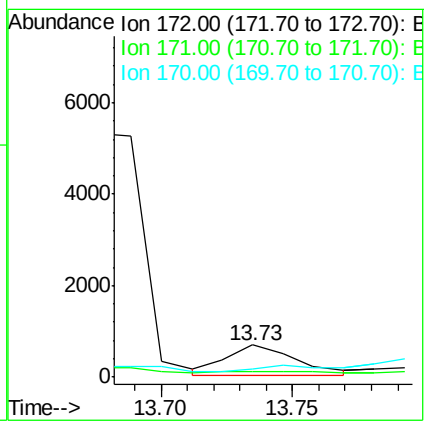


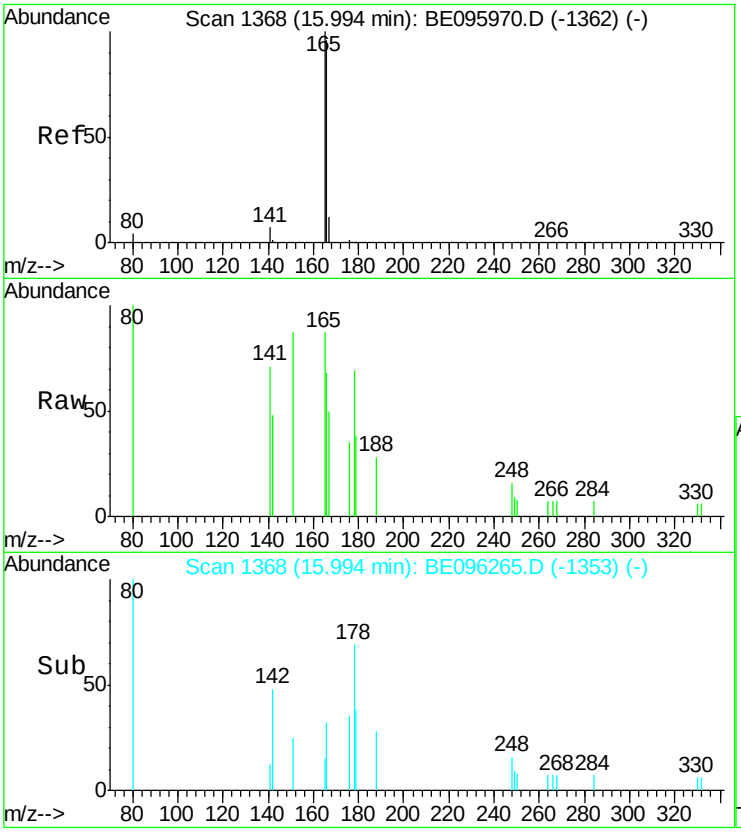


#15
2-Fluorobiphenyl
Concen: 0.217 ng m
RT: 13.73 min Scan# 1176
Delta R.T. 0.16 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:172 Resp: 1245

Ion	Ratio	Lower	Upper
172	100		
171	17.0	29.9	44.9#
170	23.9	21.8	32.8





#18
Fluorene
Concen: 0.109 ng m
RT: 15.99 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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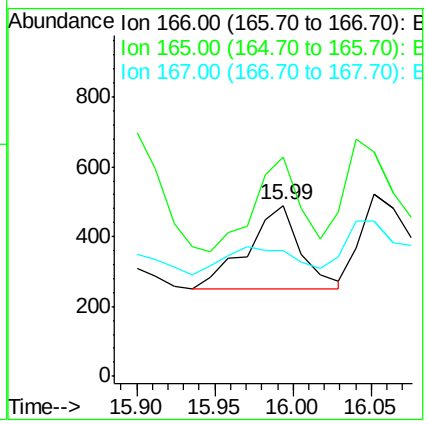
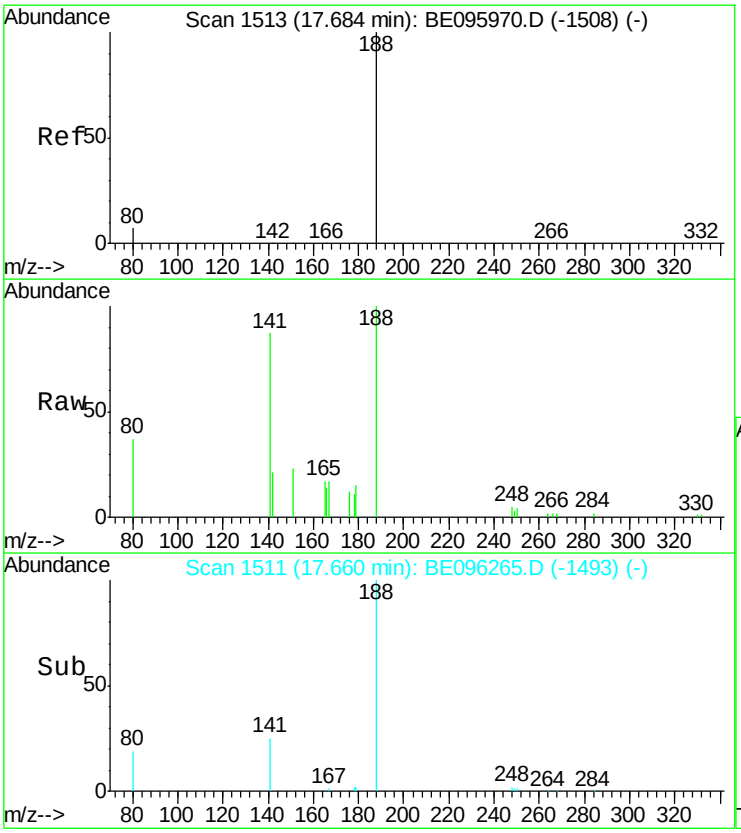
Tgt Ion:166 Resp: 580

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	0.0	42.4	63.6#

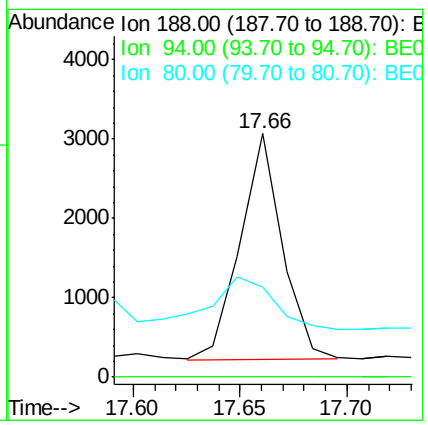


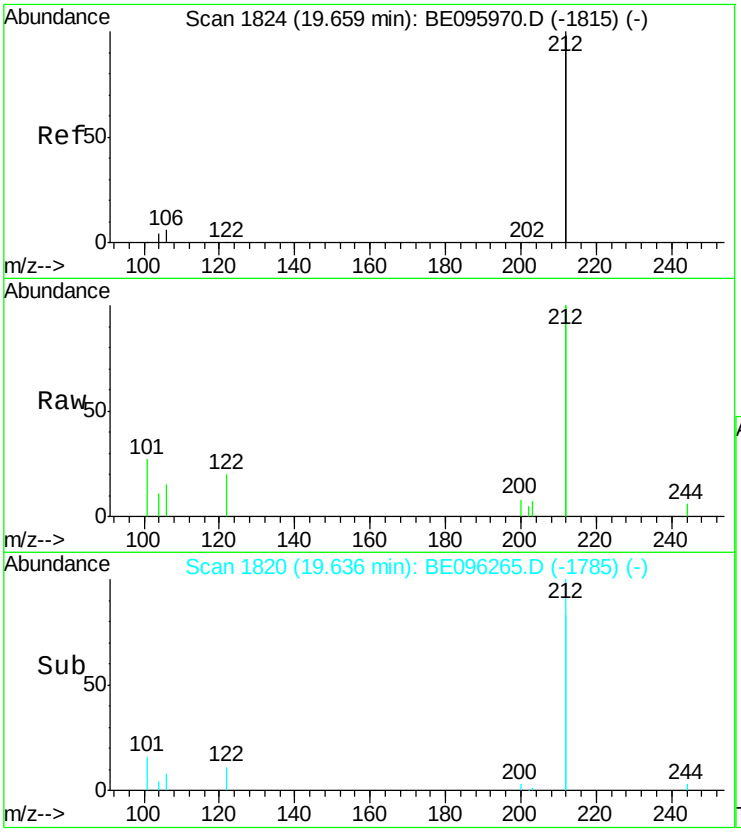


#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.66 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:188 Resp: 3924

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	36.8	3.6	5.4#





#25
Fluoranthene-d10
Concen: 0.381 ng m
RT: 19.64 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:212 Resp: 20291

Ion	Ratio	Lower	Upper
212	100		
106	1.1	2.8	4.2#
104	1.8	1.6	2.4

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

Manual Integrations APPROVED
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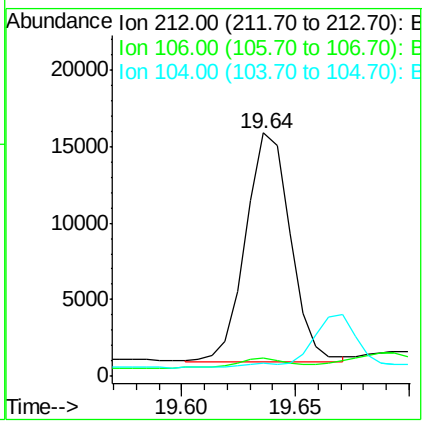
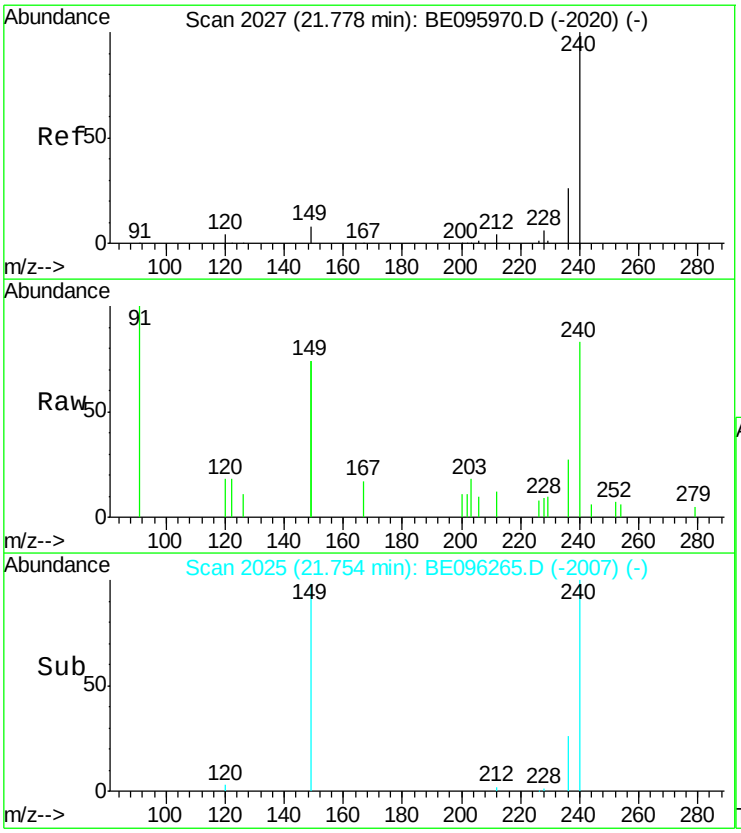
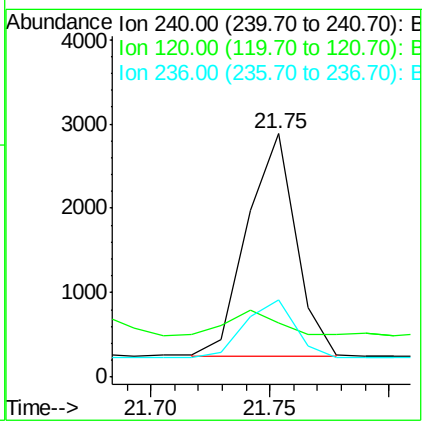


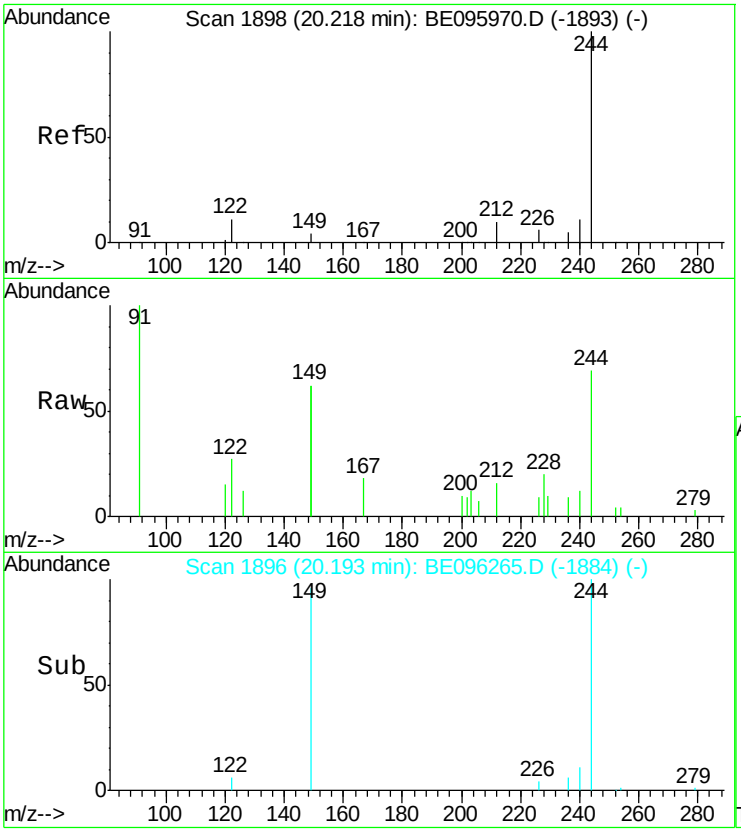


#27
Chrysene-d12
Concen: 0.400 ng m
RT: 21.75 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:240 Resp: 3753

Ion	Ratio	Lower	Upper
240	100		
120	22.1	5.5	8.3#
236	31.9	20.7	31.1#





#29
Terphenyl-d14
Concen: 0.519 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:244 Resp: 4305

Ion	Ratio	Lower	Upper
244	100		
212	22.5	25.4	38.0#
122	38.4	8.1	12.1#

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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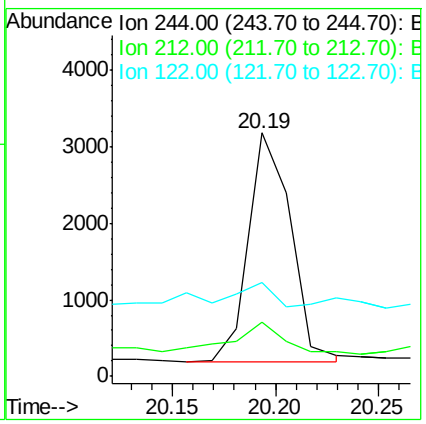
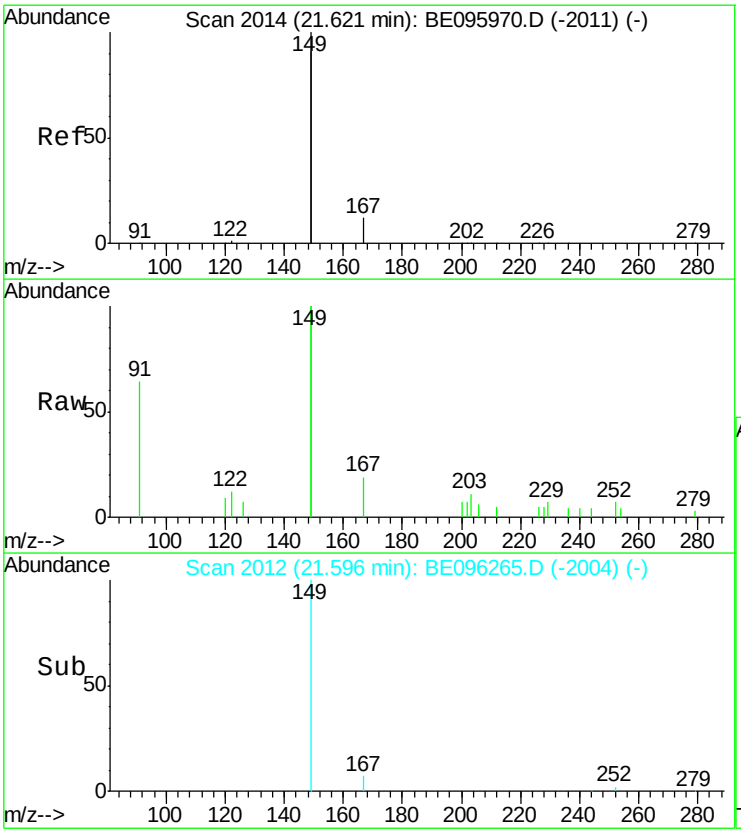
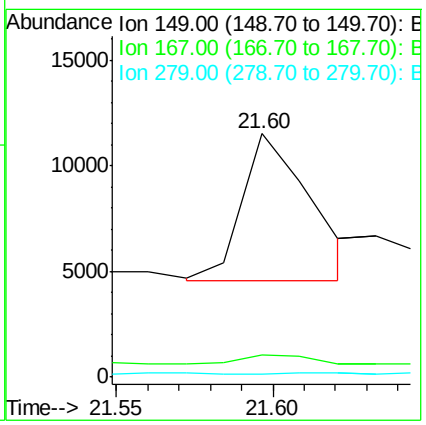


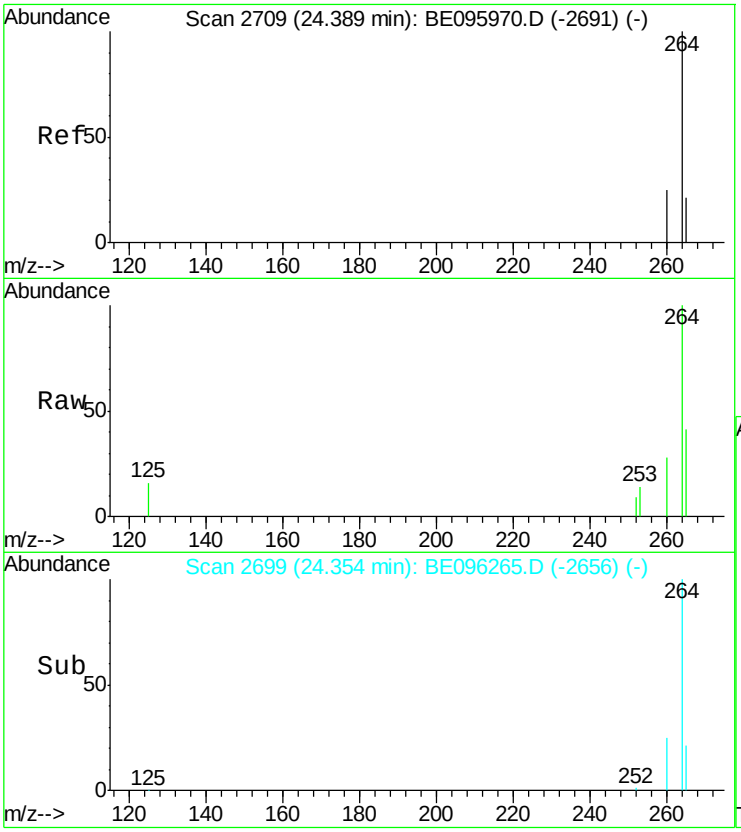


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.339 ng m
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:149 Resp: 10542

Ion	Ratio	Lower	Upper
149	100		
167	0.0	5.4	8.0#
279	0.0	0.7	1.1#

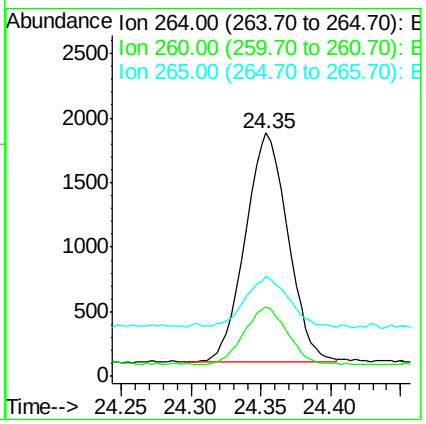




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2699
Delta R.T. 0.00 min
Lab File: BE096265.D
Acq: 1 May 2018 19:54

Tgt Ion:264 Resp: 3803

Ion	Ratio	Lower	Upper
264	100		
260	28.4	20.5	30.7
265	41.0	22.8	34.2#



Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419

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