

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096296.D
 Acq On : 2 May 2018 16:28
 Operator : SJ/JU
 Sample : PB108791BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108791BL

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:27:58 PM

Quant Time: May 03 02:14:34 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	8.36	152	810	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2848	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1439	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	3424	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3302	0.40	ng	0.01
34) Perylene-d12	24.35	264	2742	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	820	0.33	ng	0.00
5) Phenol-d6	7.52	99	1050	0.30	ng	0.00
8) Nitrobenzene-d5	9.54	82	1681	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1539	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	166m	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3258	0.53	ng	0.00
25) Fluoranthene-d10	19.64	212	16718	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	3811	0.52	ng	0.00

Target Compounds Qvalue

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

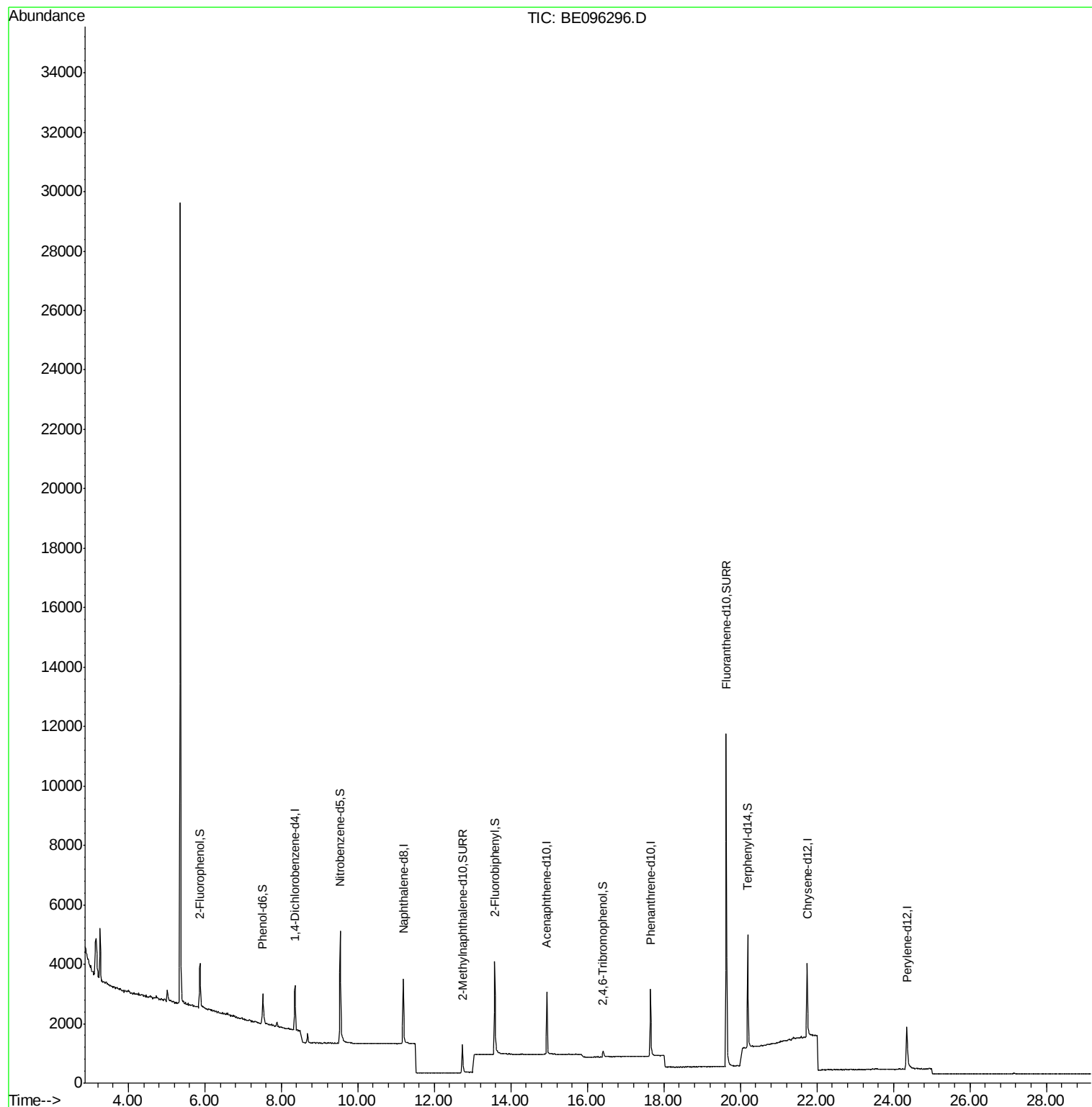
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
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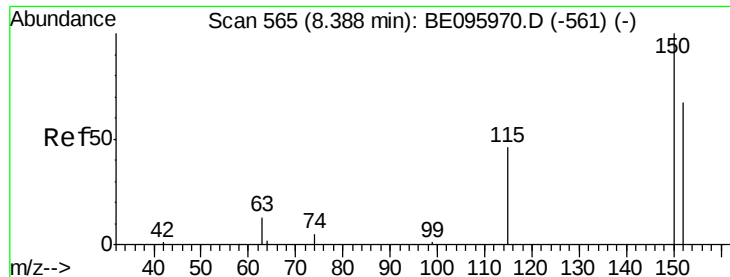
Instrument :
BNA_E
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#1

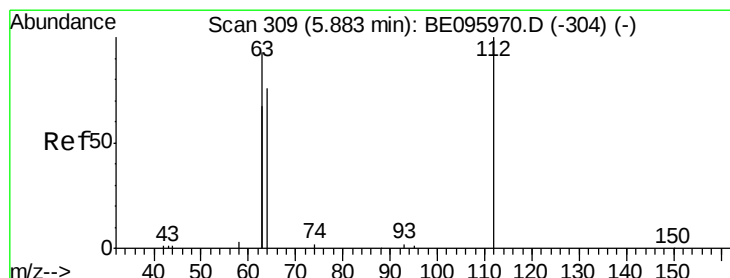
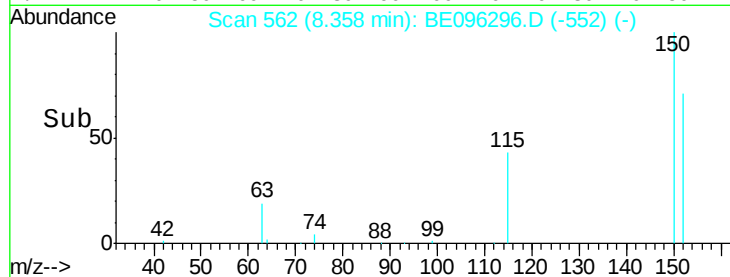
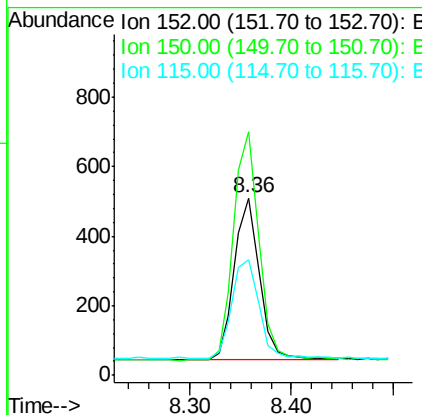
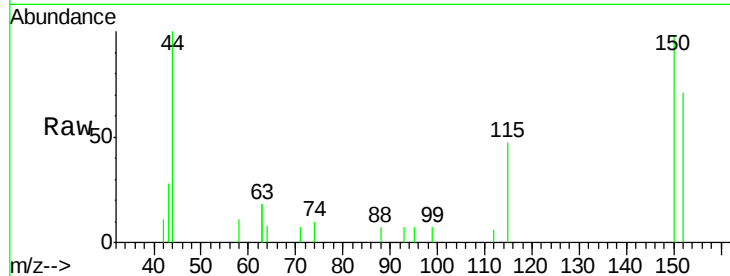
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BE096296.D
 Acq: 2 May 2018 16:28

Instrument :
 BNA_E
 ClientSampleId :
 PB108791BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.5	117.2	175.8
115	65.2	57.0	85.6

Manual Integrations
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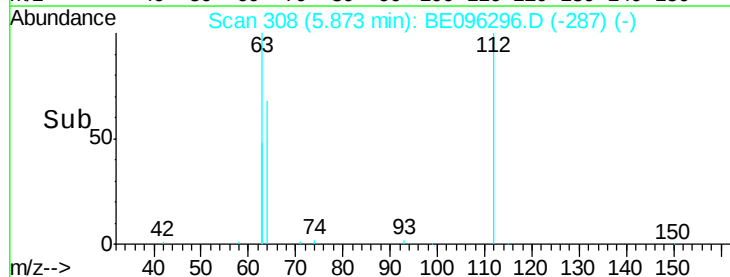
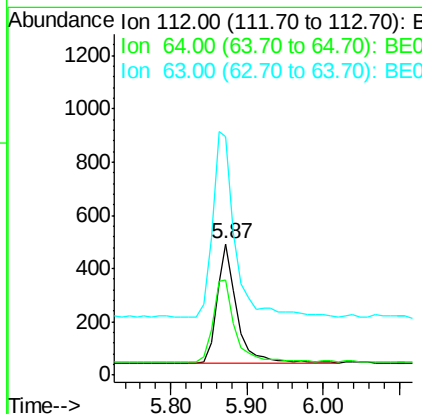
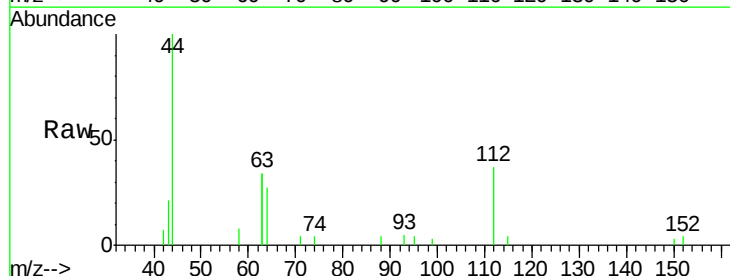
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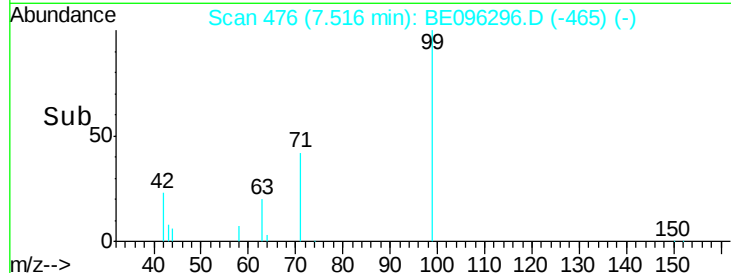
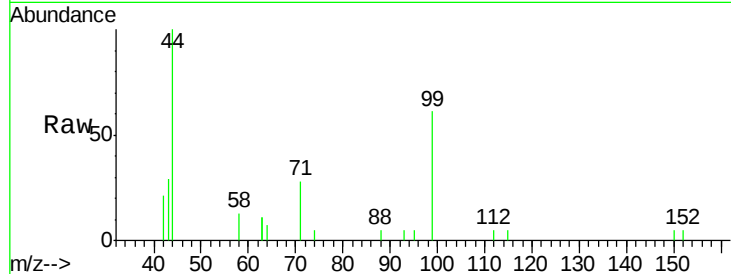
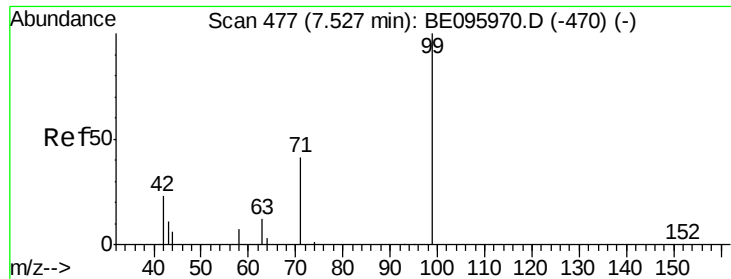


#4

2-Fluorophenol
 Concen: 0.327 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096296.D
 Acq: 2 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.4	60.1	90.1
63	174.0	116.8	175.2





#5

Phenol-d6

Concen: 0.304 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		1050		
42	25.4	20.2	30.2		
71	42.5	28.4	42.6		

Instrument :

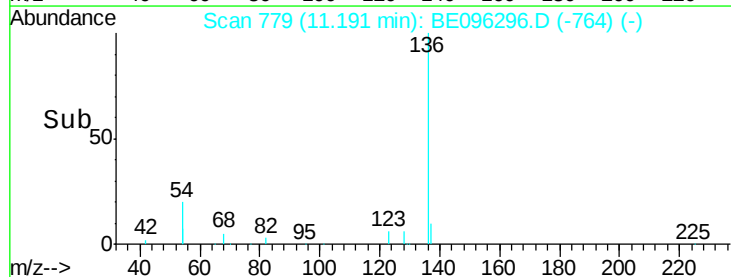
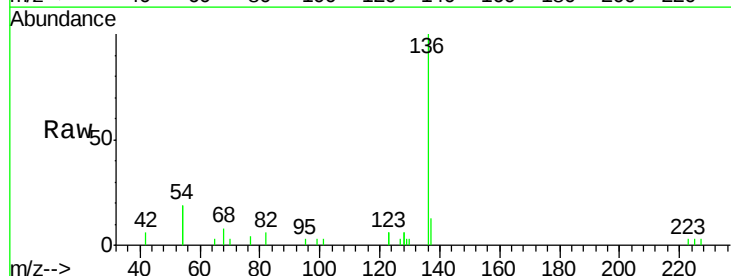
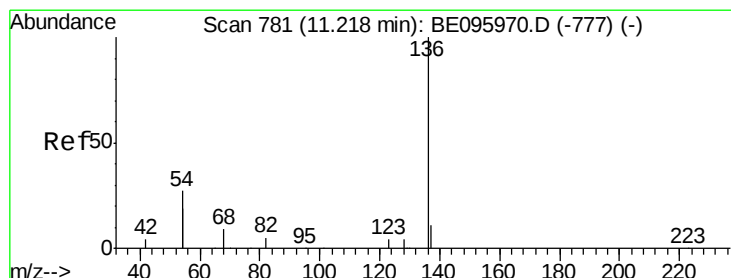
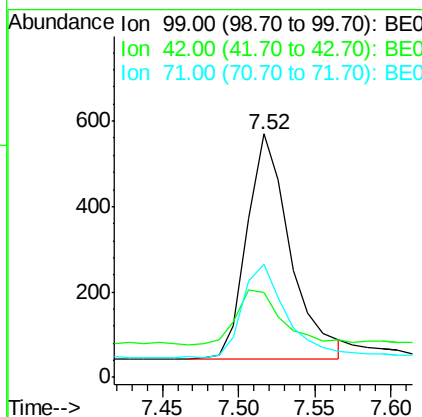
BNA_E

ClientSampleId :

PB108791BL

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

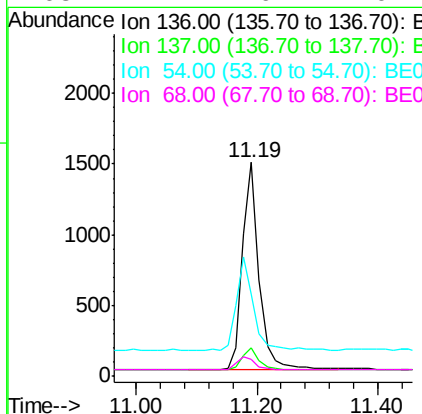
RT: 11.19 min Scan# 779

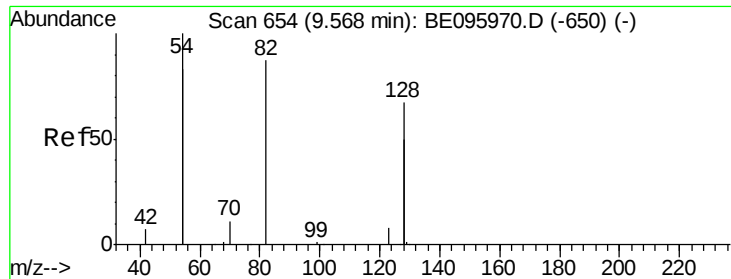
Delta R.T. -0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2848		
137	13.0	9.5	14.3		
54	38.1	29.1	43.7		
68	7.7	6.2	9.2		





#8

Nitrobenzene-d5

Concen: 0.503 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Instrument :

BNA_E

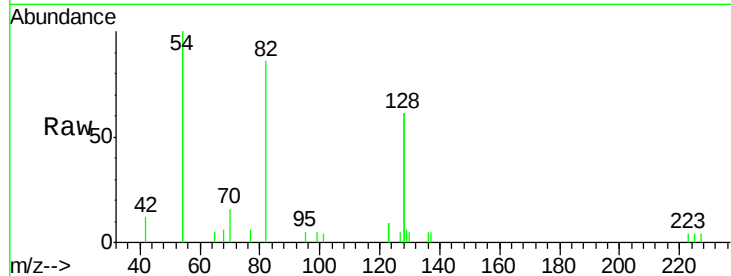
ClientSampled :

PB108791BL

Tot Ion:	82	Resp:	1681
Ion Ratio	Lower	Upper	
82	100		
128	142.8	150.0	225.0#
54	232.3	154.2	231.4#

Manual Integrations
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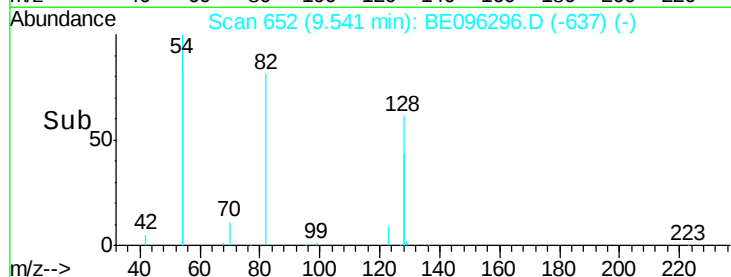


Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

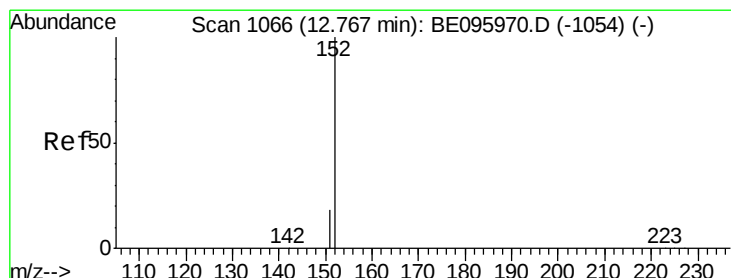
Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

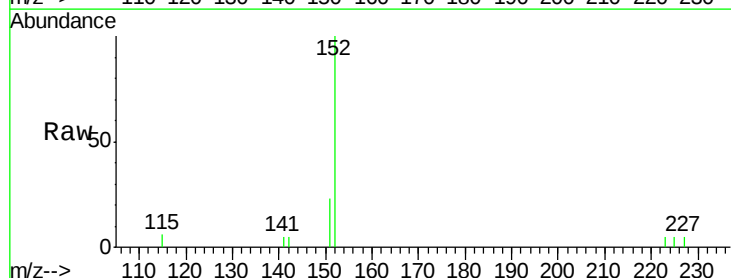
RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

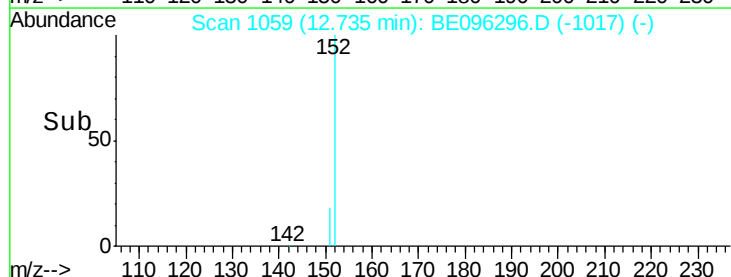
Tgt Ion:	152	Resp:	1539
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.4	23.0



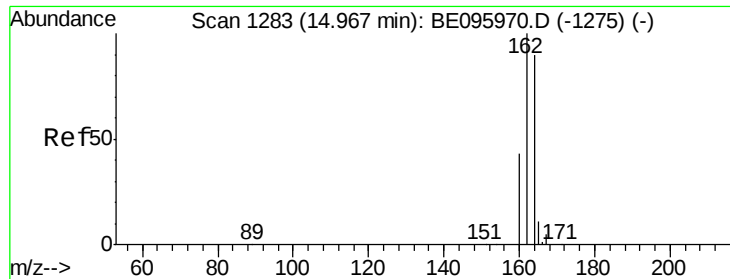
Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)

Time-->



Time-->



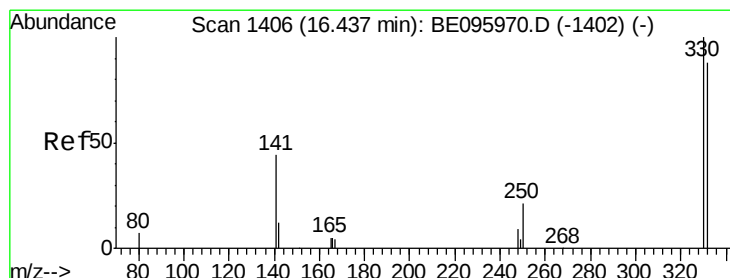
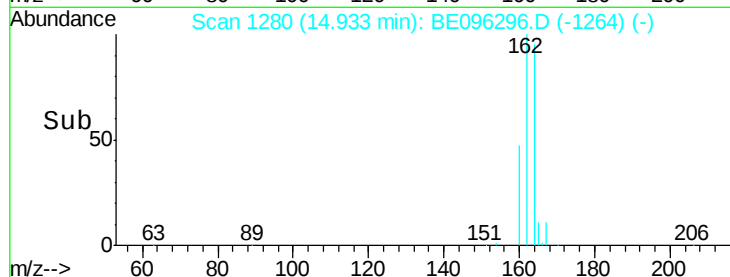
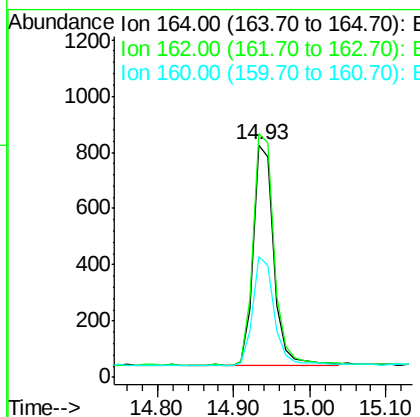
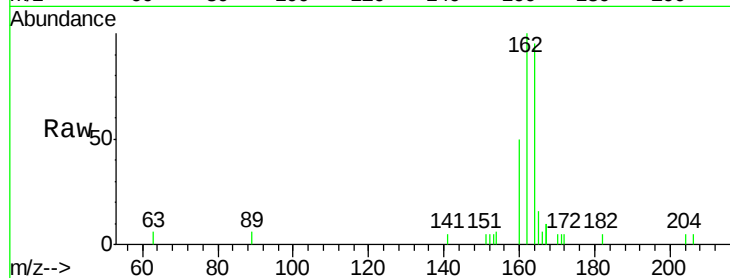
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096296.D
Acq: 2 May 2018 16:28

Instrument :
BNA_E
ClientSampleId :
PB108791BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	52.1	37.1	55.7

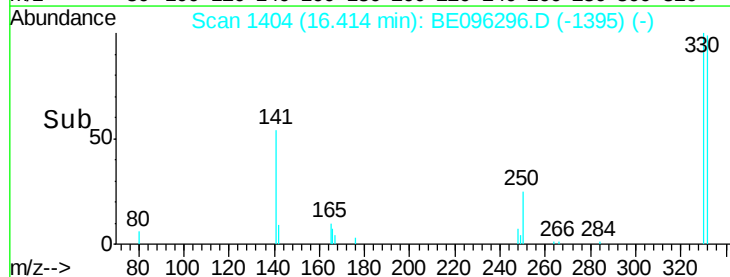
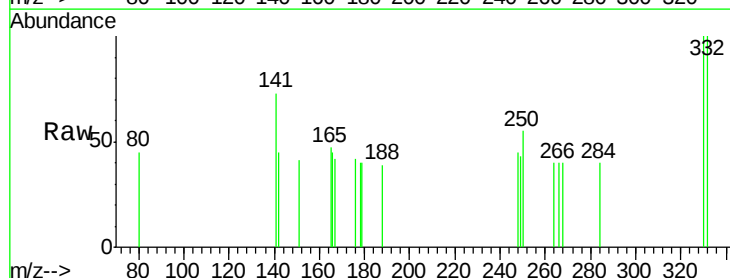
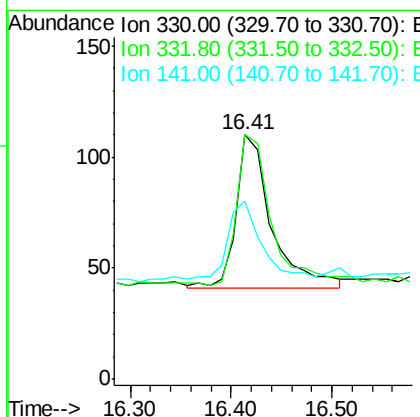
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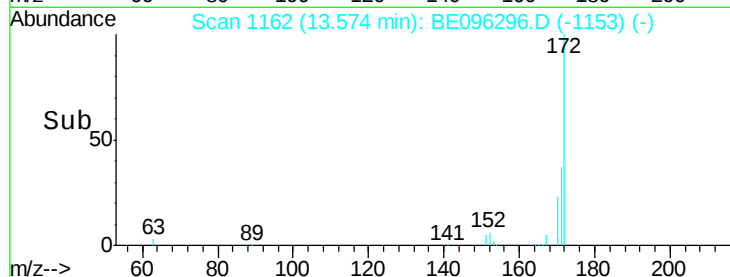
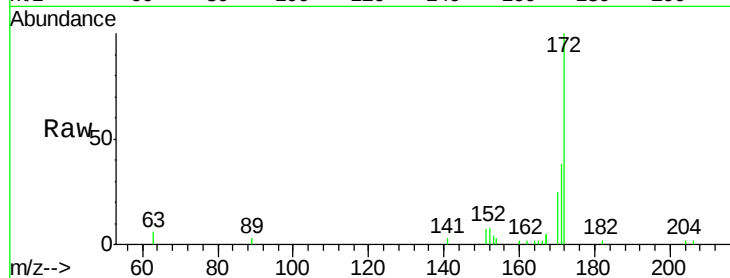
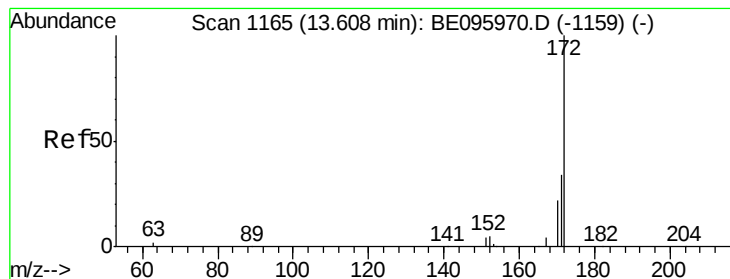
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#14
2,4,6-Tribromophenol
Concen: 0.239 ng m
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096296.D
Acq: 2 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	85.5	152.7	229.1#
141	45.2	33.7	50.5





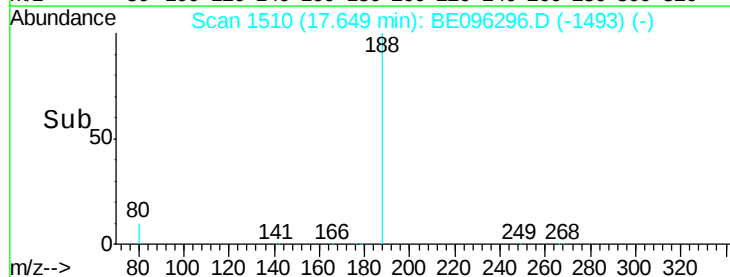
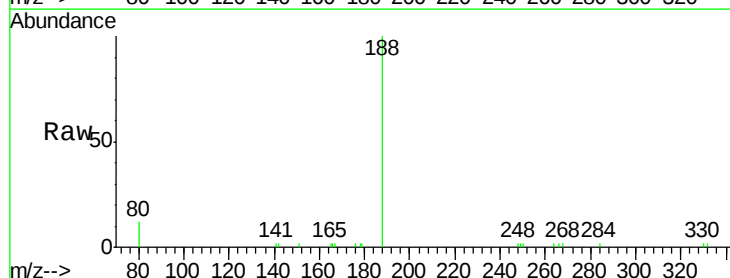
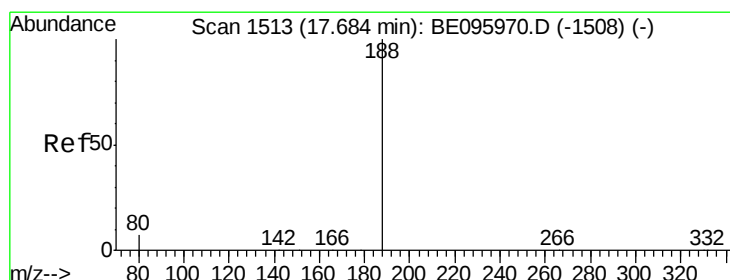
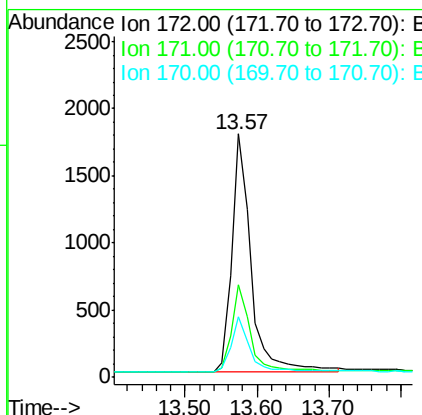
#15
2-Fluorobiphenyl
Concen: 0.529 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096296.D
Acq: 2 May 2018 16:28

Instrument :
BNA_E
ClientSampleId :
PB108791BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	25.1	21.8	32.8

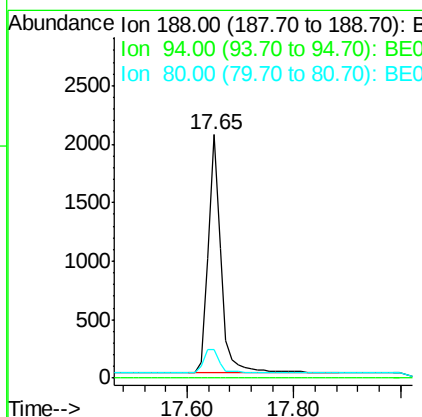
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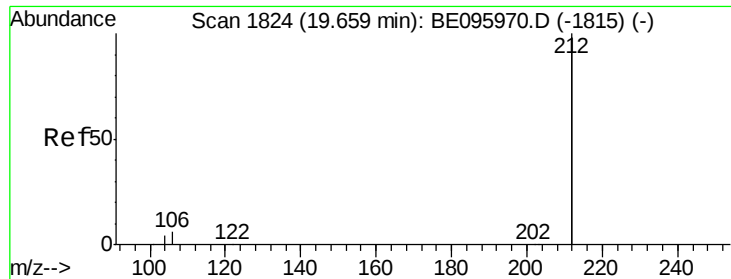
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096296.D
Acq: 2 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Instrument :

BNA_E

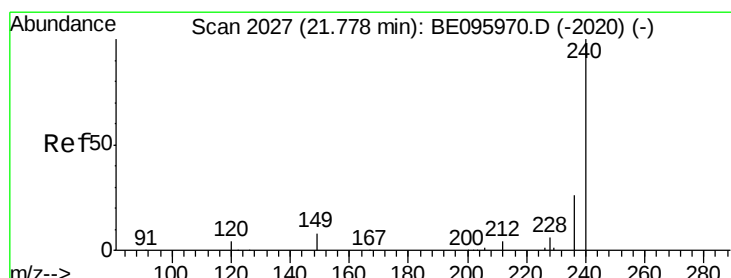
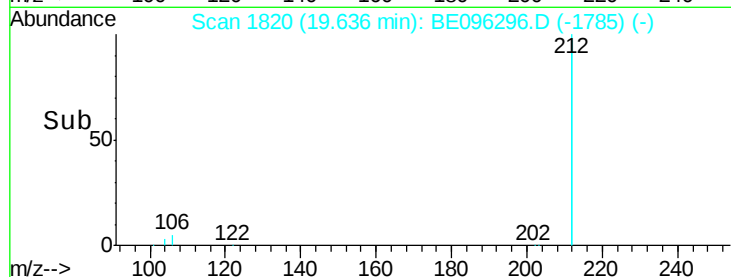
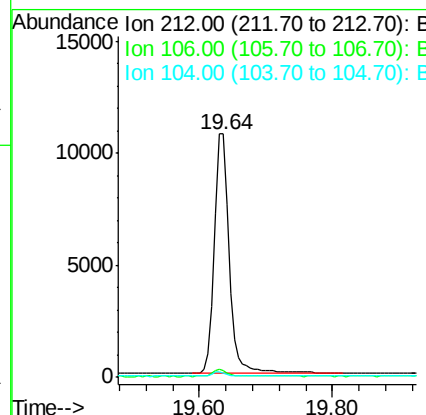
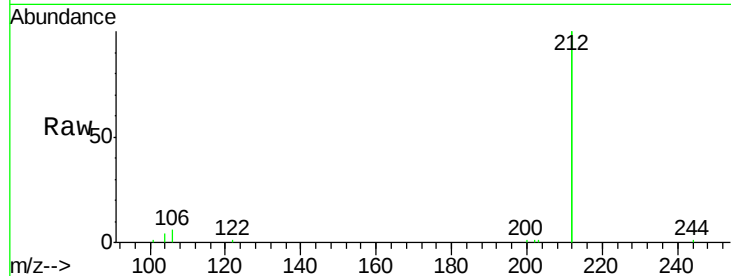
ClientSampleId :

PB108791BL

Tot Ion:	212	Resp:	16718
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

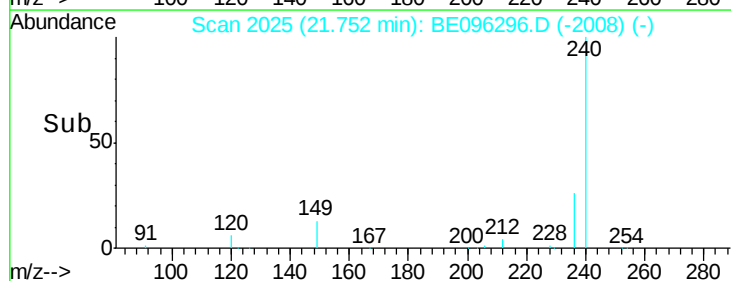
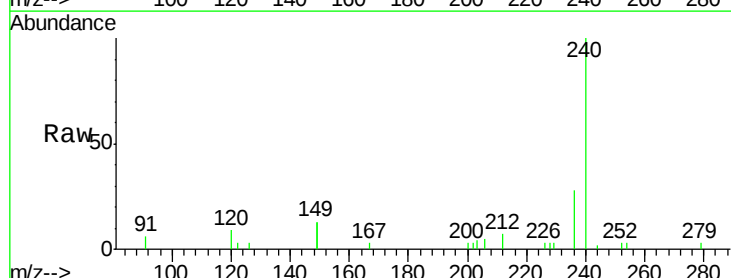
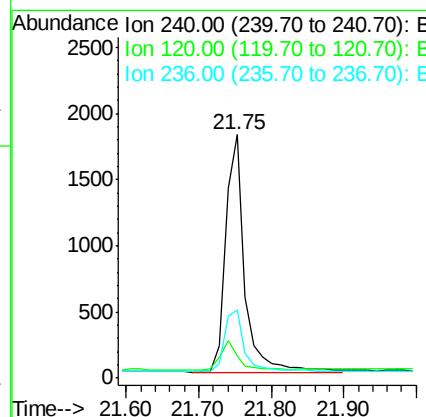
RT: 21.75 min Scan# 2025

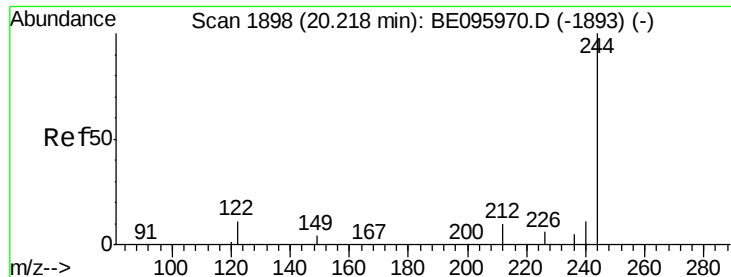
Delta R.T. 0.01 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Tgt Ion:	240	Resp:	3302
Ion Ratio	Lower	Upper	
240	100		
120	8.9	5.5	8.3#
236	28.0	20.7	31.1





#29

Terphenyl-d14

Concen: 0.522 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Instrument :

BNA_E

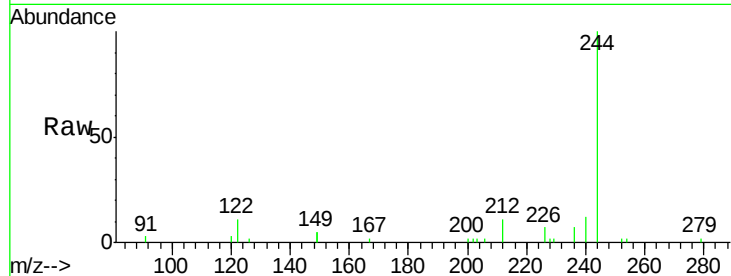
ClientSampleId :

PB108791BL

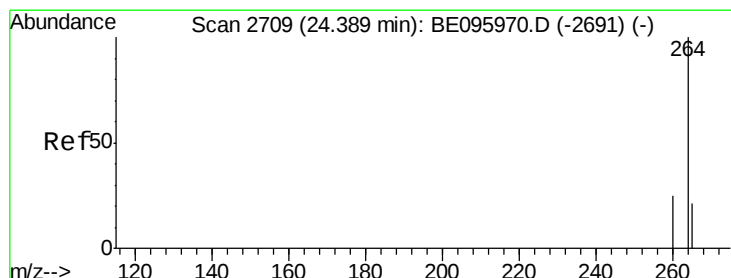
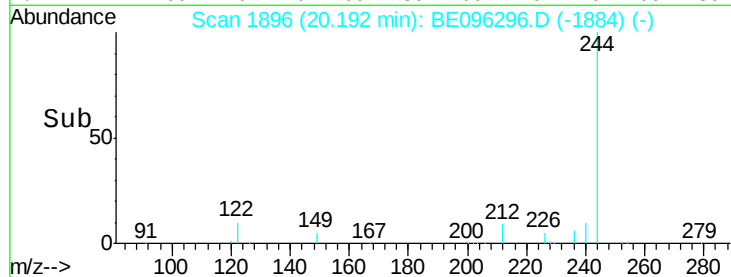
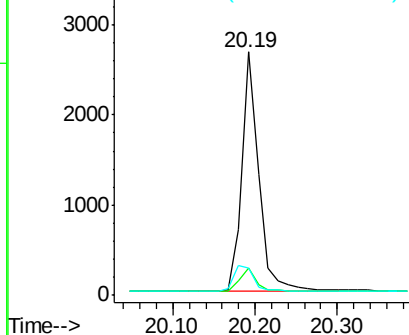
Tot Ion:	244	Resp:	3811
Ion Ratio	Lower	Upper	
244	100		
212	11.0	25.4	38.0#
122	11.1	8.1	12.1

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096296.D

Acq: 2 May 2018 16:28

Tgt Ion:	264	Resp:	2742
Ion Ratio	Lower	Upper	
264	100		
260	28.5	20.5	30.7
265	34.9	22.8	34.2#

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

