

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
 Data File : BE095660.D
 Acq On : 12 Feb 2018 14:21
 Operator : SJ/JU
 Sample : J1521-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:27:19 AM

Quant Time: Feb 13 03:54:46 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1060	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4231	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2407	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5459	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5733	0.40	ng	0.00
34) Perylene-d12	24.43	264	5353	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	579	0.18	ng	0.00
5) Phenol-d6	7.56	99	486	0.11	ng	0.00
8) Nitrobenzene-d5	9.61	82	1793	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3106	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	468	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4951	0.48	ng	-0.02
25) Fluoranthene-d10	19.69	212	32864	0.46	ng	0.00
29) Terphenyl-d14	20.25	244	6496	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.65	88	5396	3.07	ng	Qvalue # 90
23) Phenanthrene	17.74	178	402m	0.02	ng	
24) Anthracene	17.83	178	1027	0.07	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.65	149	1866	0.04	ng	# 97

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

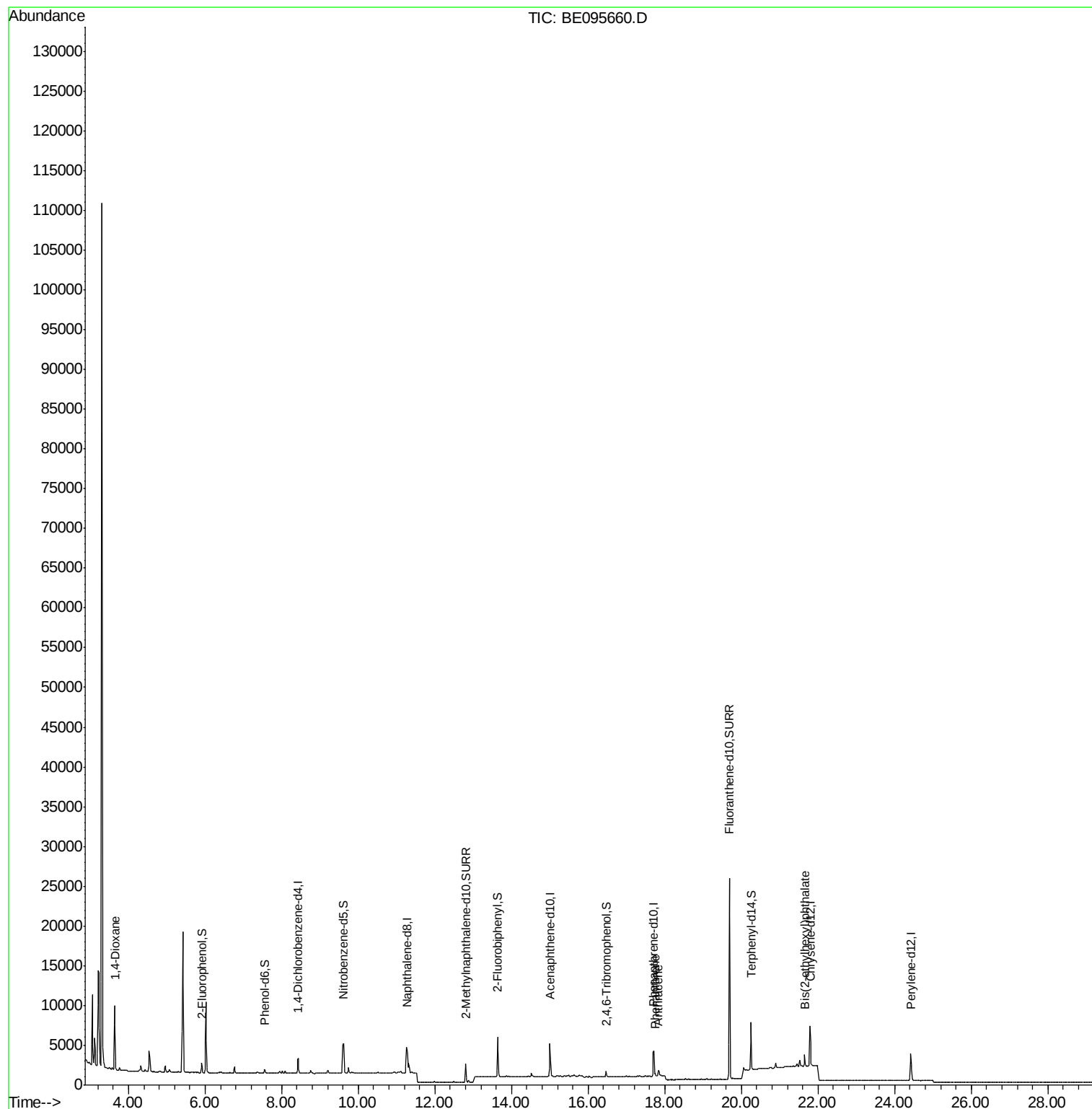
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095660.D

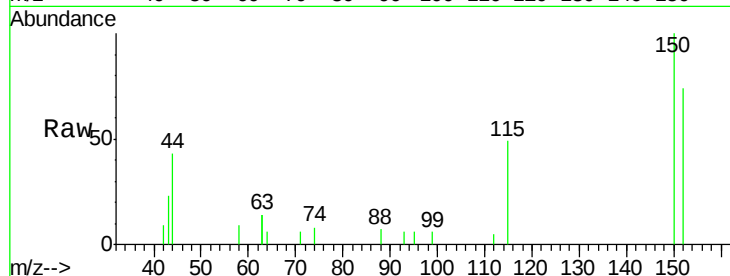
Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampled :

MW-3



Tgt Ion: 152 Resp: 1060

Ion Ratio Lower Upper

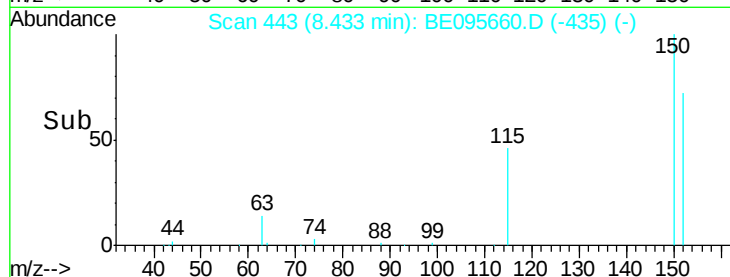
152 100

150 136.0 117.2 175.8

115 66.9 57.0 85.6

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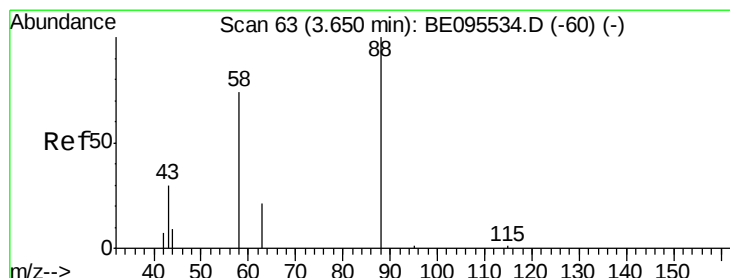
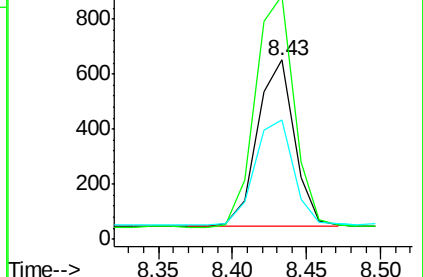
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.07 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

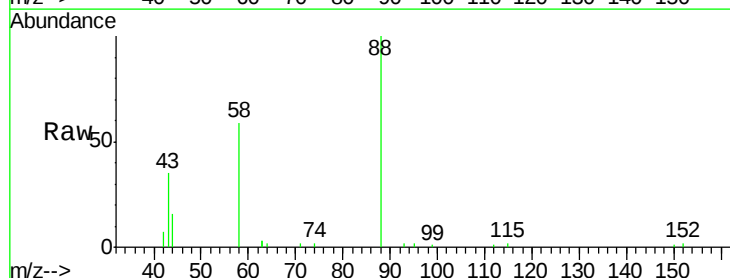
Tgt Ion: 88 Resp: 5396

Ion Ratio Lower Upper

88 100

58 84.7 63.2 94.8

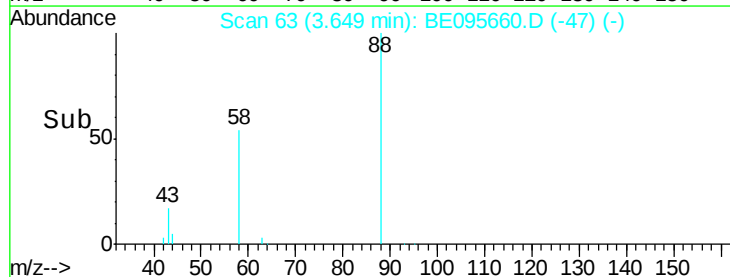
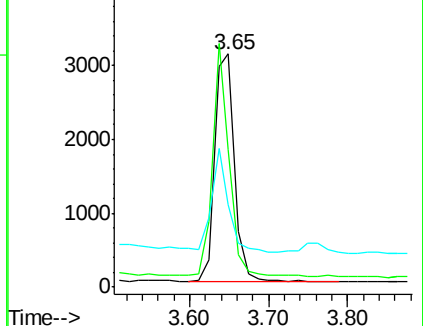
43 40.0 41.2 61.8#

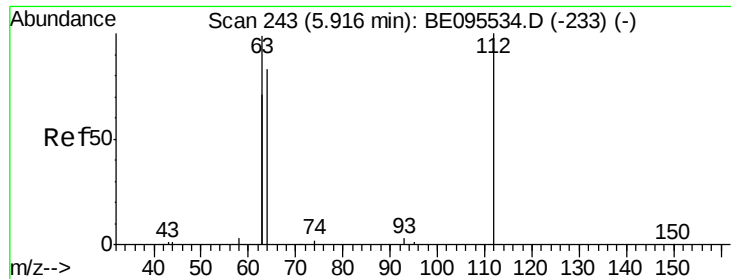


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.18 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

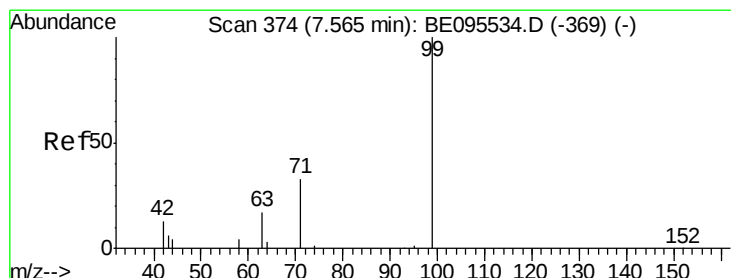
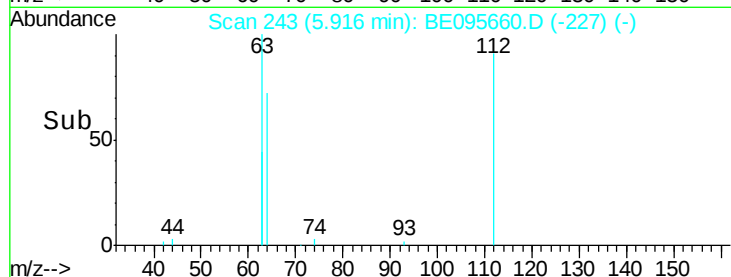
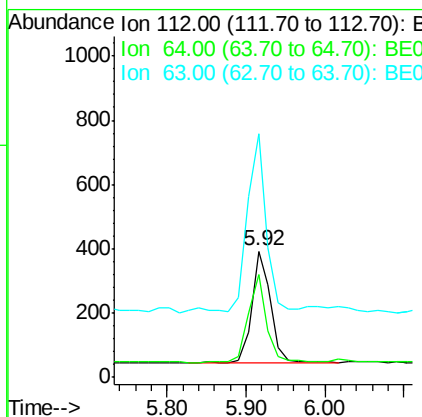
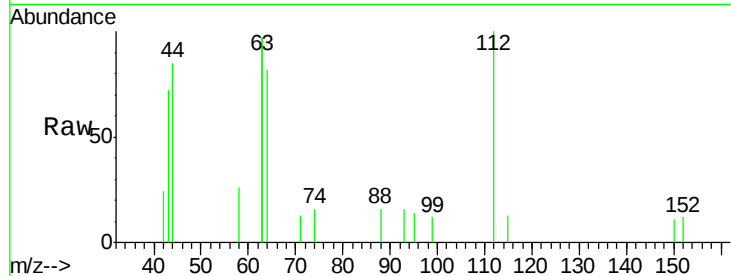
ClientSampled :

MW-3

Tgt Ion:	112	Resp:	579
Ion Ratio	Lower	Upper	
112	100		
64	76.9	60.1	90.1
63	157.7	116.8	175.2

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#5

Phenol-d6

Concen: 0.11 ng

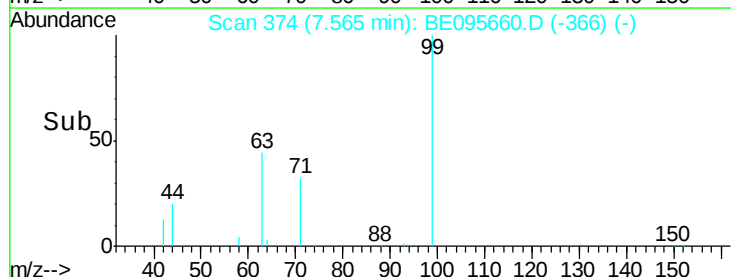
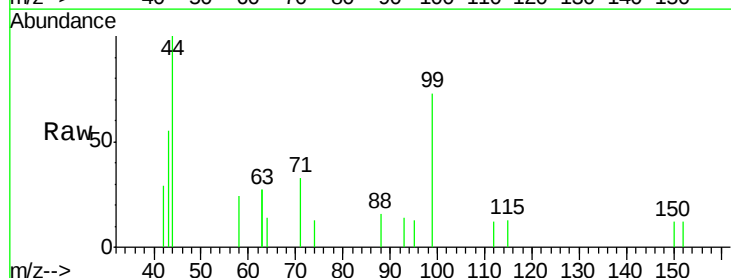
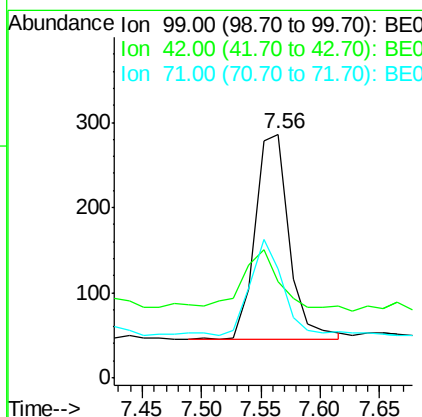
RT: 7.56 min Scan# 374

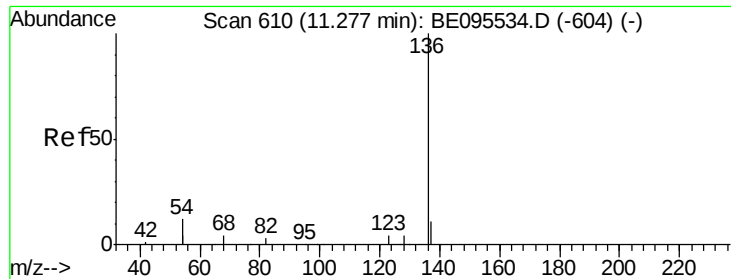
Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Tgt Ion:	99	Resp:	486
Ion Ratio	Lower	Upper	
99	100		
42	27.2	20.2	30.2
71	44.9	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

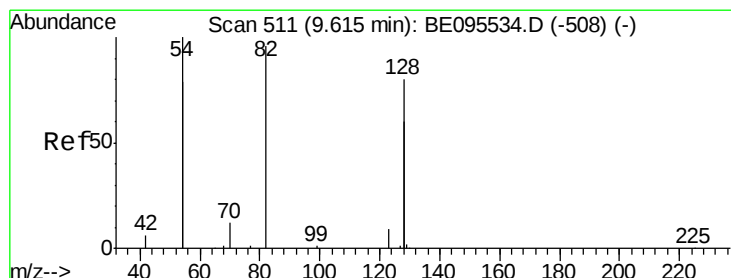
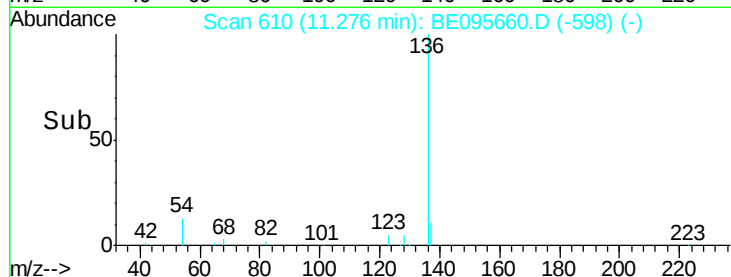
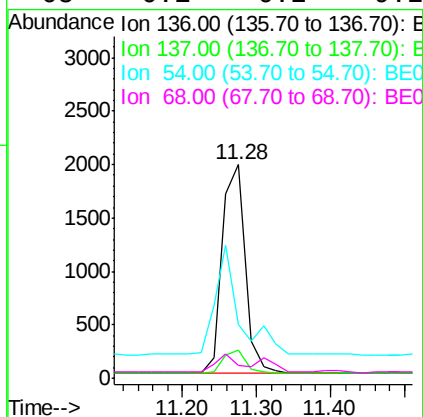
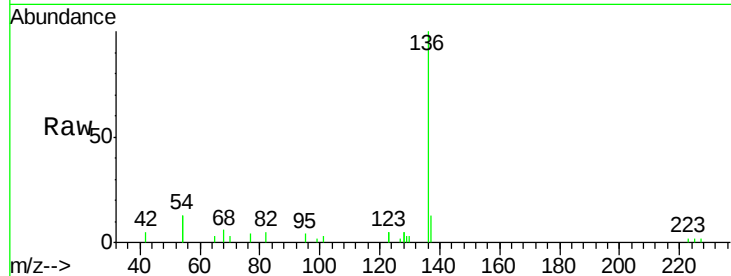
ClientSampleId :

MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	4231		
137	12.9	9.5	14.3	
54	25.1	29.1	43.7	
68	6.1	6.2	9.2	

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#8

Nitrobenzene-d5

Concen: 0.40 ng

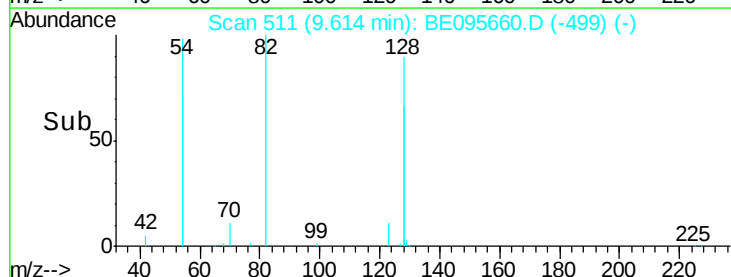
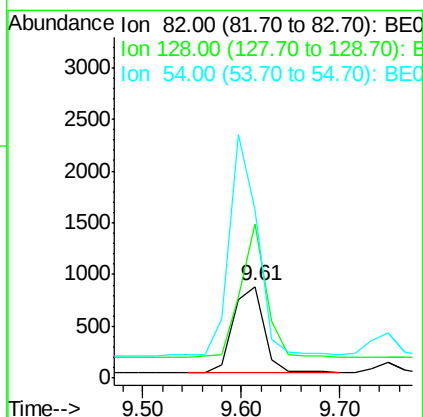
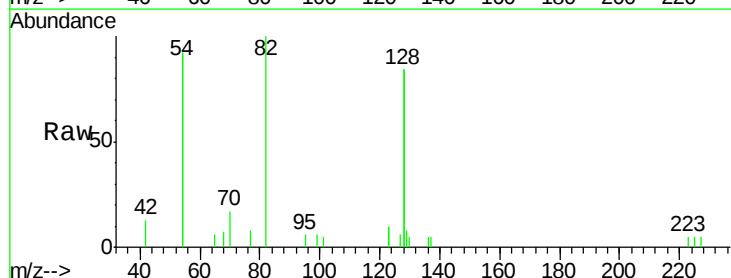
RT: 9.61 min Scan# 511

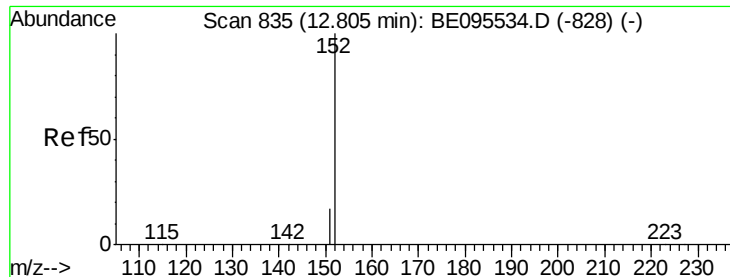
Delta R.T. -0.00 min

Lab File: BE095660.D

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1793		
128	168.6	150.0	225.0	
54	183.5	154.2	231.4	





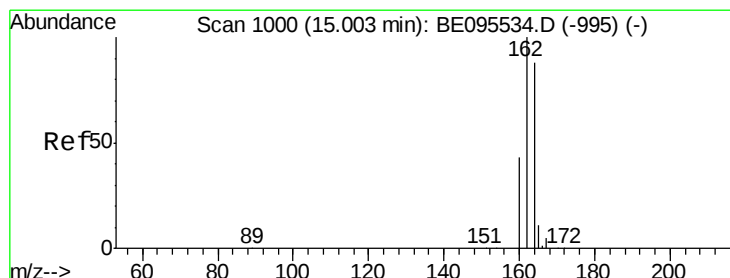
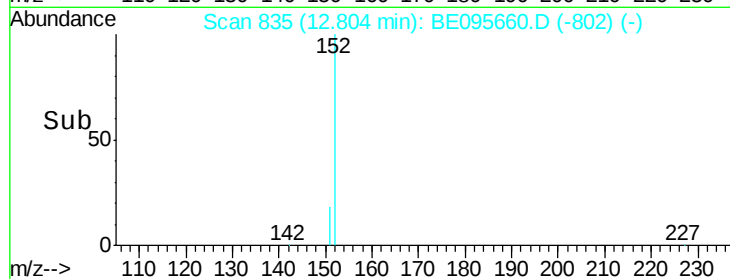
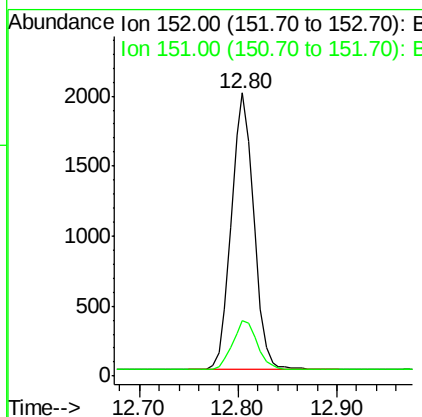
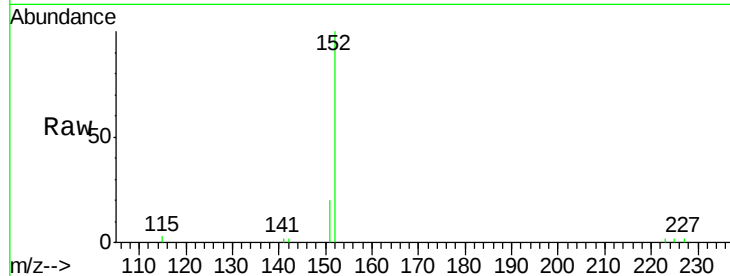
#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

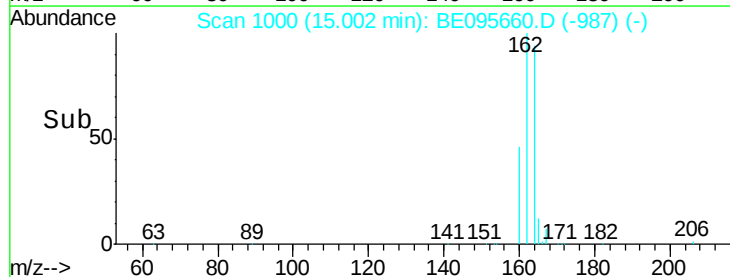
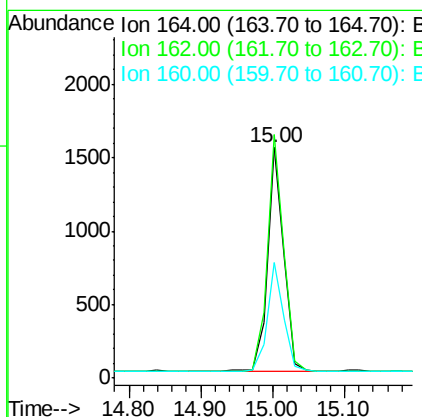
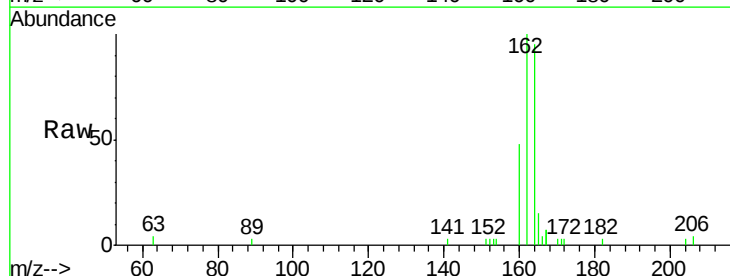
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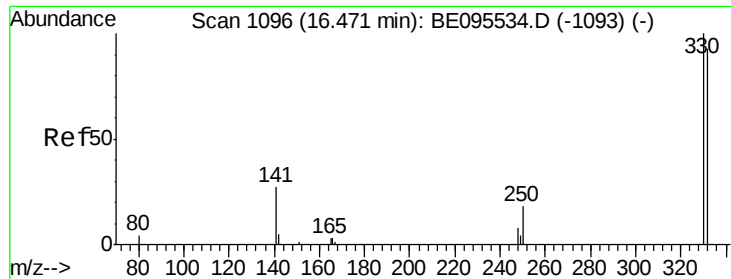
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	50.4	37.1	55.7





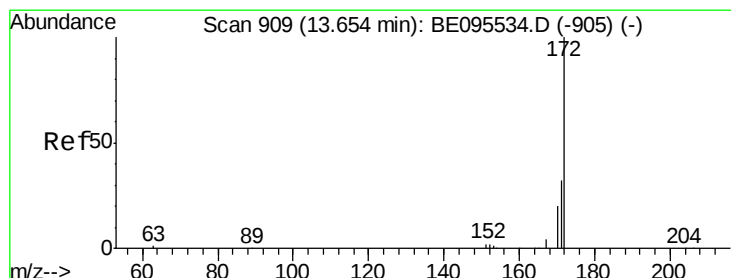
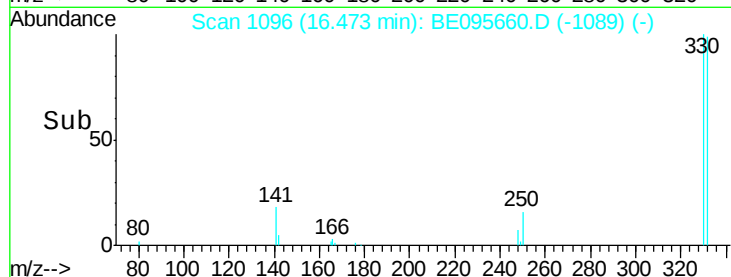
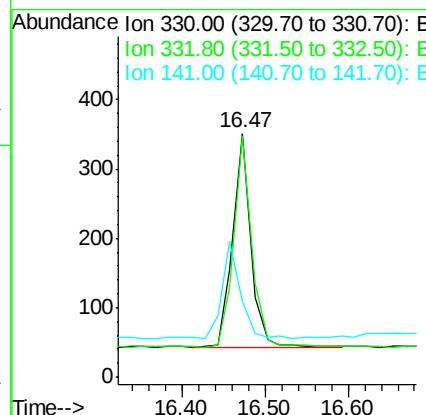
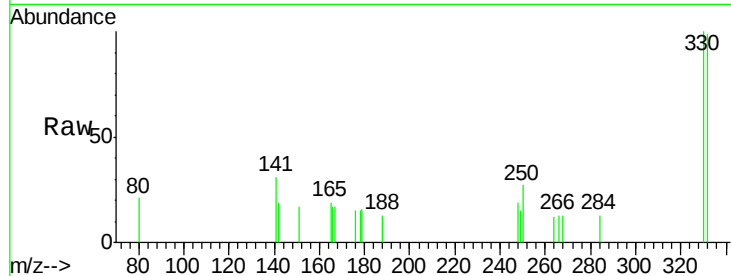
#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	43.8	33.7	50.5

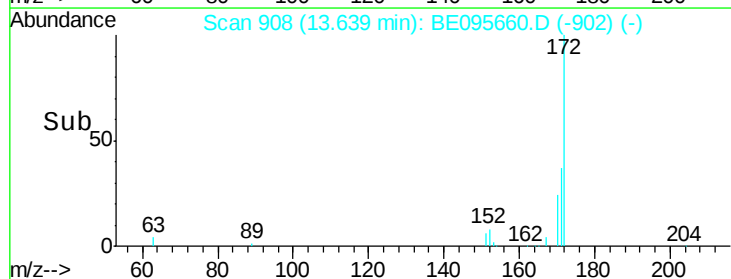
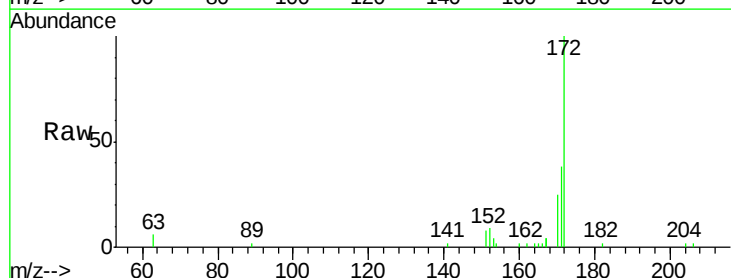
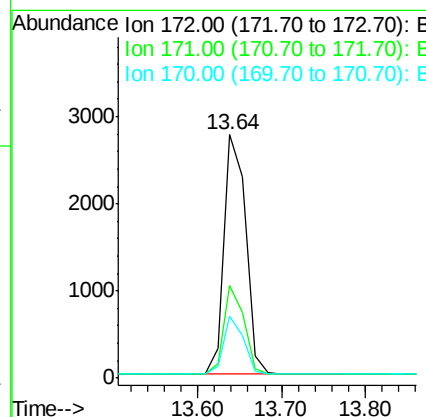
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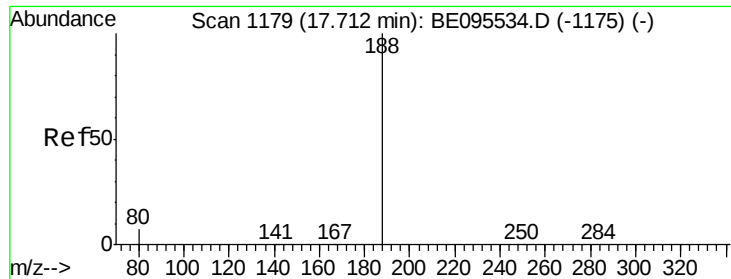
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#15
 2-Fluorobiphenyl
 Concen: 0.48 ng
 RT: 13.64 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.9	44.9
170	25.5	21.8	32.8





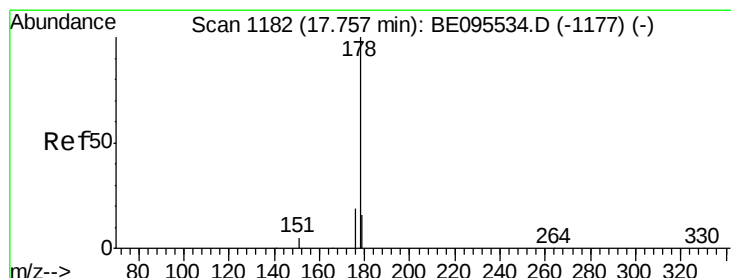
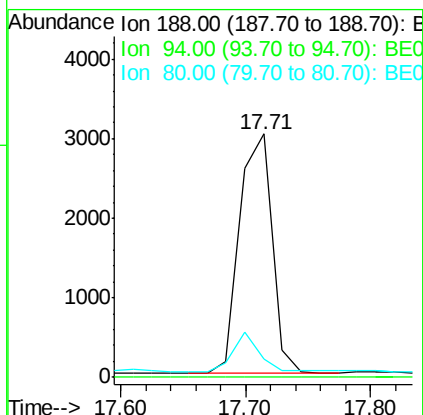
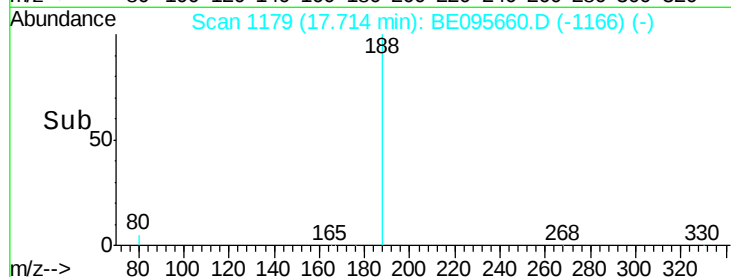
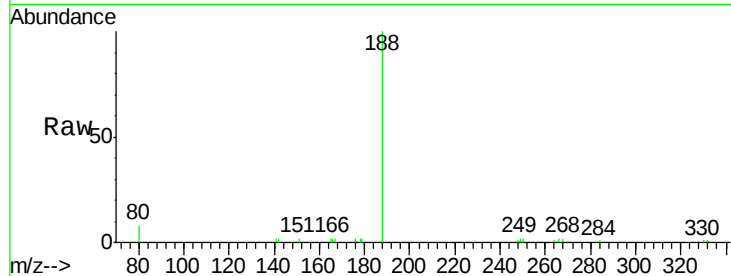
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	3.9	5.9#
80	7.7	3.6	5.4#

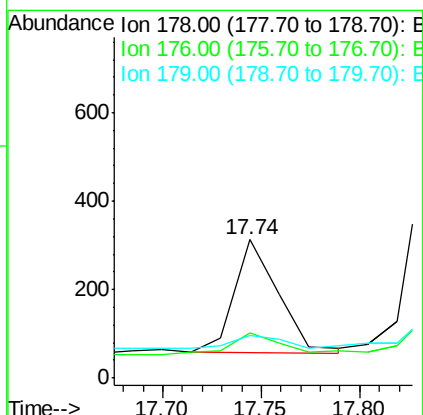
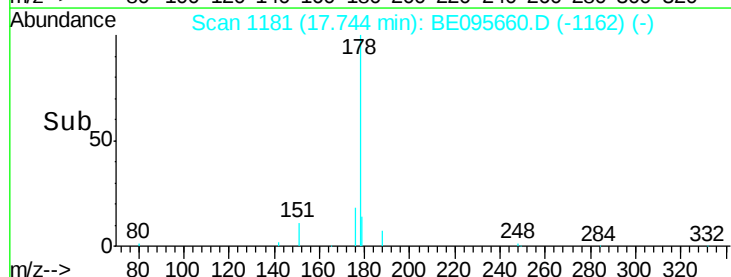
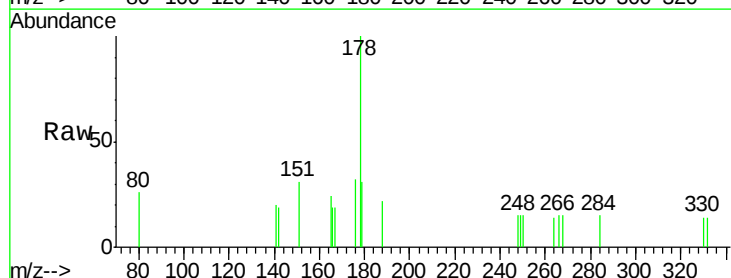
Manual Integrations
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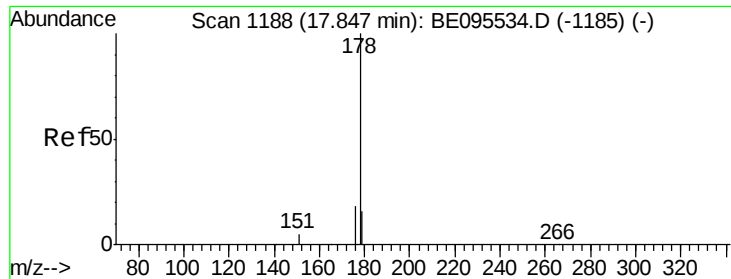
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#23
Phenanthrene
Concen: 0.02 ng m
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.6	15.1	22.7
179	12.2	11.8	17.6





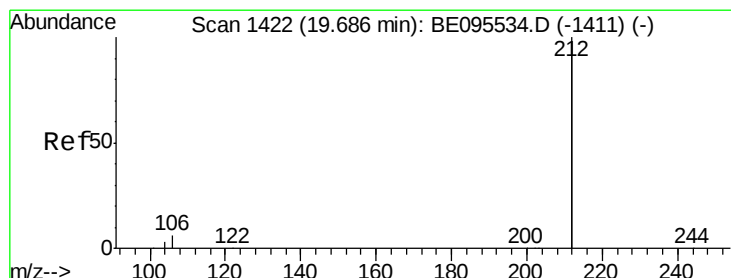
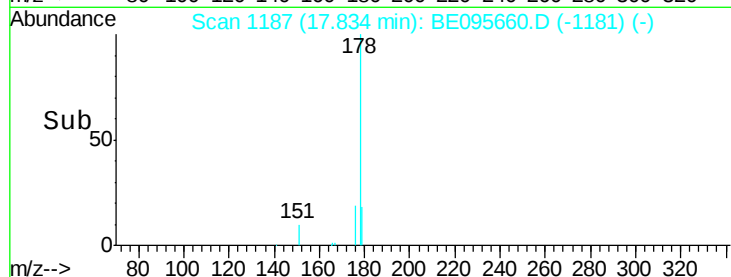
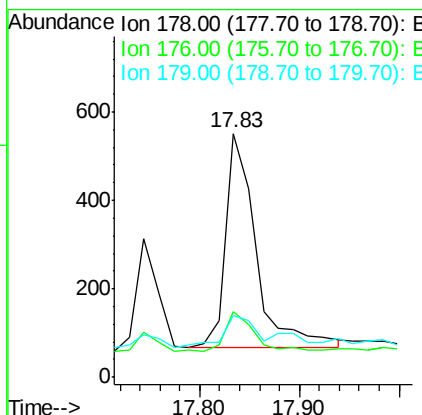
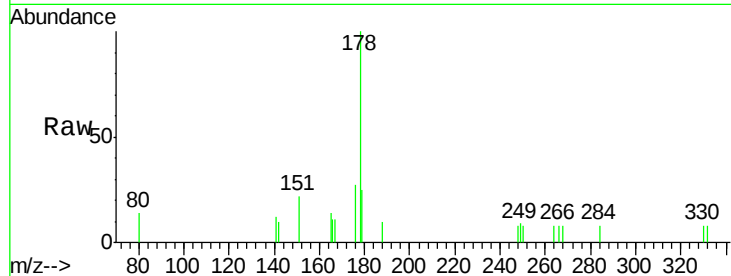
#24
 Anthracene
 Concen: 0.07 ng
 RT: 17.83 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	12.8	19.2
179	22.8	13.0	19.6

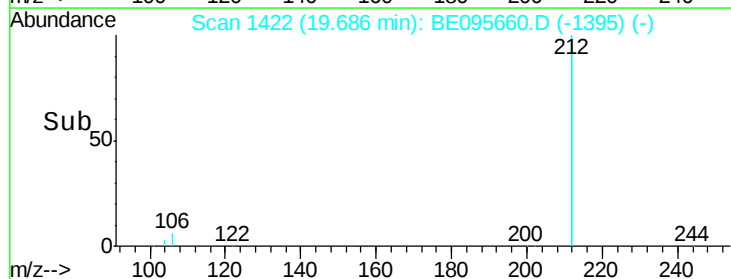
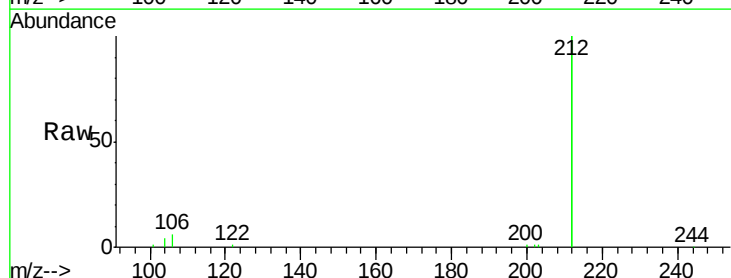
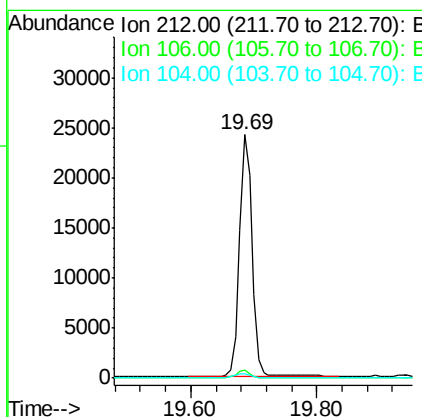
Manual Integrations
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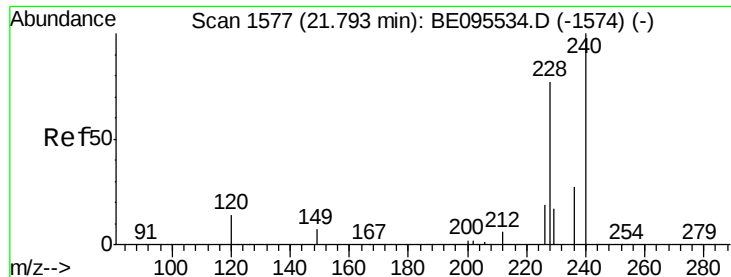
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#25
 Fluoranthene-d10
 Concen: 0.46 ng
 RT: 19.69 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

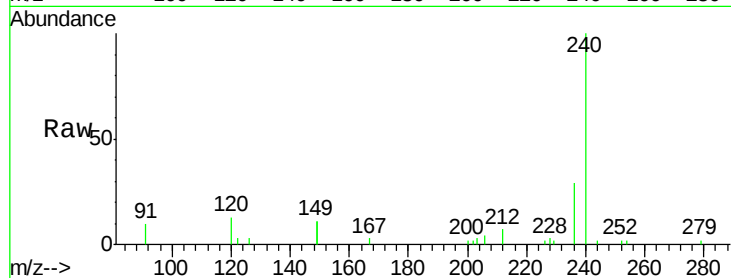
ClientSampleId :

MW-3

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.5	8.3#
236	28.9	20.7	31.1

Manual Integrations
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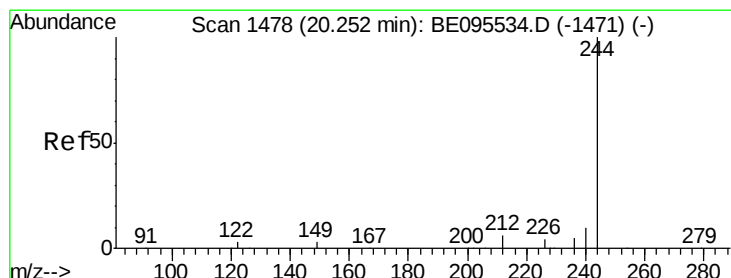
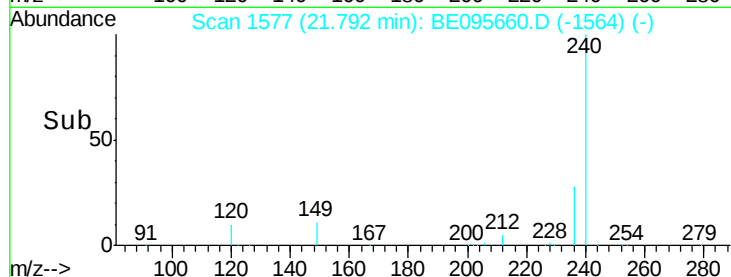
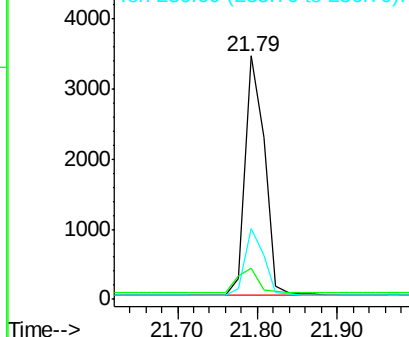
Sohil
2/13/2018 11:27:19 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.53 ng

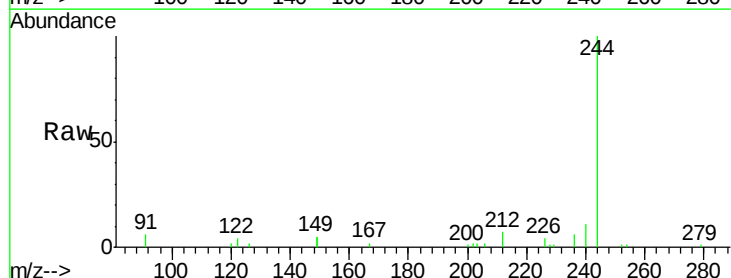
RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

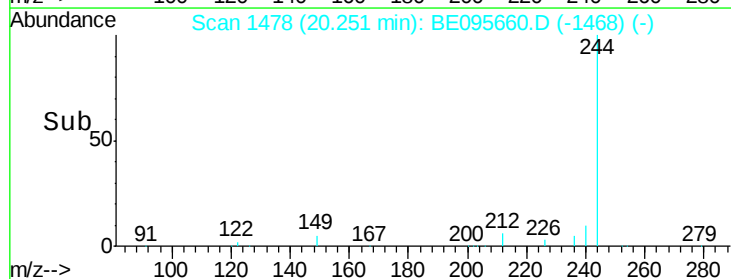
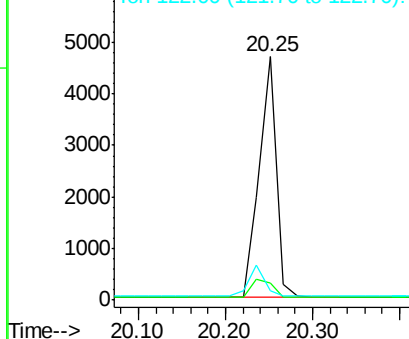
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	25.4	38.0#
122	3.9	8.1	12.1#

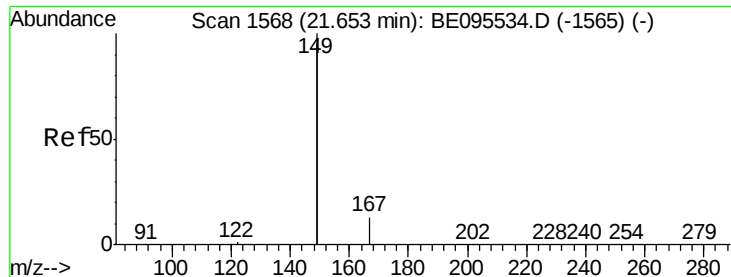


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





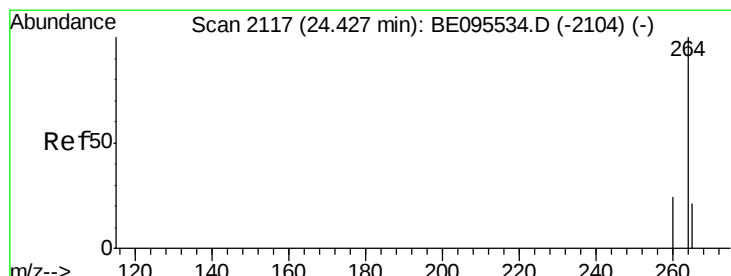
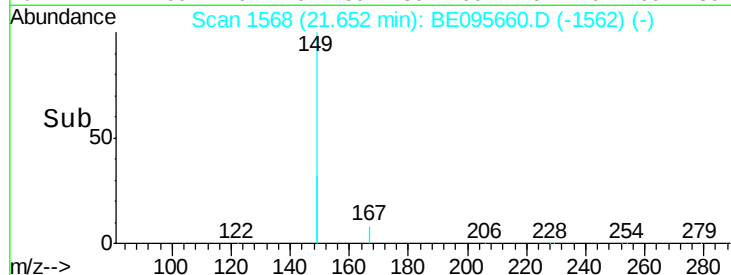
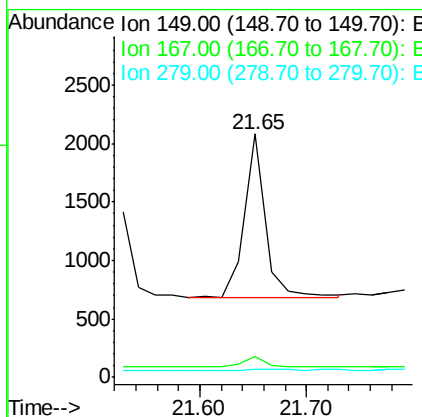
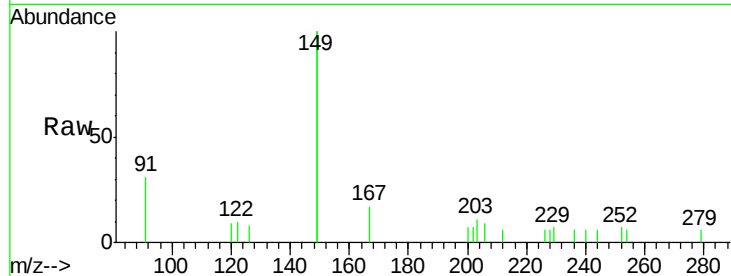
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	8.0	5.4	8.0
279	1.3	0.7	1.1

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	26.4	20.5	30.7
265	28.1	22.8	34.2

