

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
 Data File : BE095658.D
 Acq On : 12 Feb 2018 13:06
 Operator : SJ/JU
 Sample : J1474-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:27:17 AM

Quant Time: Feb 13 03:44:30 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	8.42	152	1067	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4257	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2526	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5595	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5878	0.40	ng	0.00
34) Perylene-d12	24.42	264	5640	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	646	0.20	ng	0.00
5) Phenol-d6	7.56	99	536	0.12	ng	0.00
8) Nitrobenzene-d5	9.60	82	2040	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	3183	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	523	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5873	0.54	ng	-0.02
25) Fluoranthene-d10	19.69	212	34010	0.46	ng	0.00
29) Terphenyl-d14	20.25	244	7778	0.62	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	11.31	128	1533	0.03	ng	# 88
12) 2-Methylnaphthalene	12.88	142	217	0.03	ng	# 85
17) Acenaphthene	15.06	154	253	0.03	ng	95
22) Pentachlorophenol	17.36	266	94	0.23	ng	93
23) Phenanthrene	17.74	178	563m	0.03	ng	
24) Anthracene	17.83	178	862m	0.05	ng	
26) Fluoranthene	19.72	202	1629	0.08	ng	97
28) Pyrene	20.06	202	1858	0.08	ng	97
30) Benzo(a)anthracene	21.78	228	492	0.03	ng	# 74
31) Chrysene	21.84	228	394	0.02	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.65	149	7038	0.16	ng	100

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

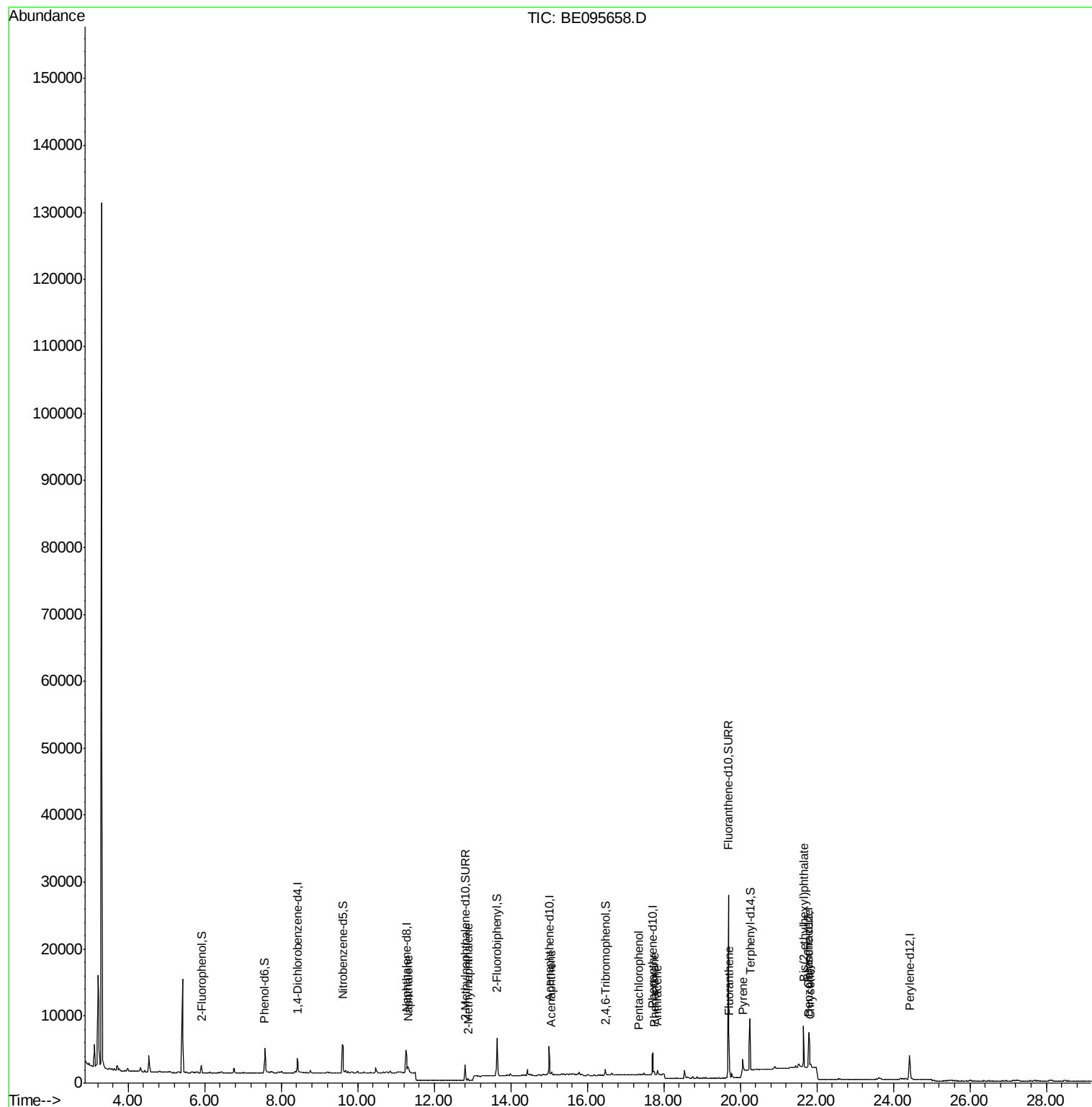
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
Data File : BE095658.D
Acq On : 12 Feb 2018 13:06
Operator : SJ/JU
Sample : J1474-01
Misc :
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BNA_E
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Manual Integrations
APPROVED

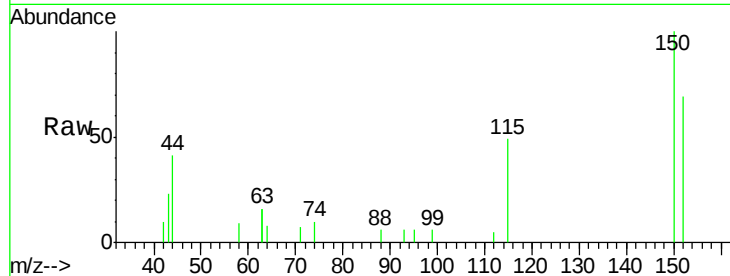
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#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.42 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

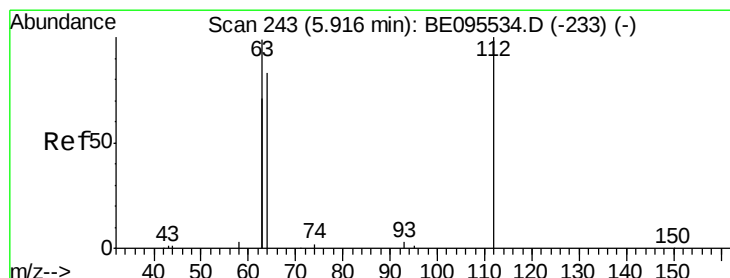
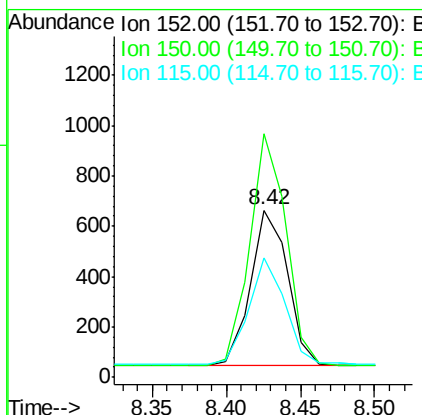
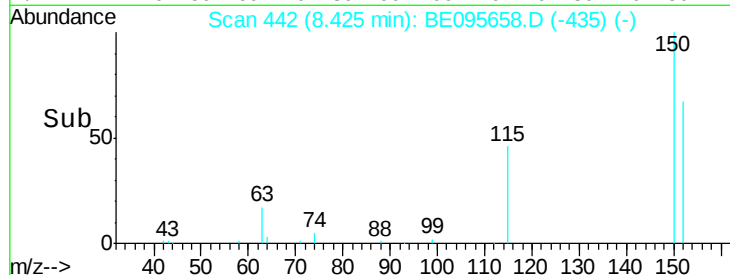
Instrument :
 BNA_E
 ClientSampled :
 MW-2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.6	117.2	175.8
115	71.4	57.0	85.6

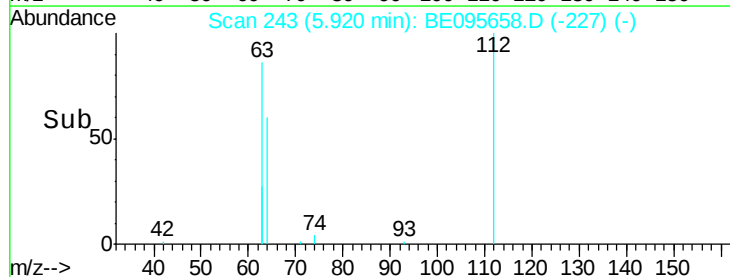
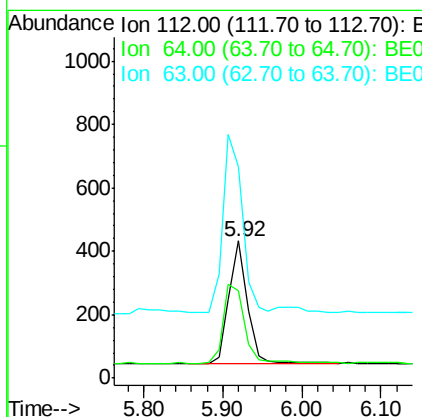
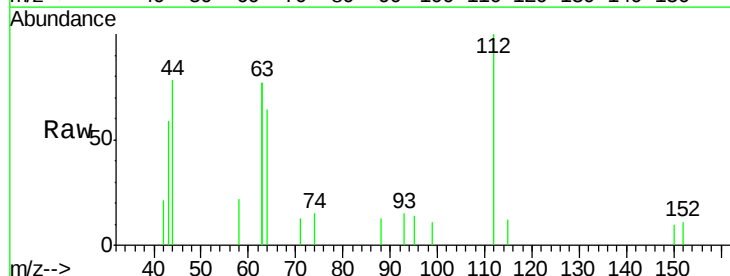
Manual Integrations
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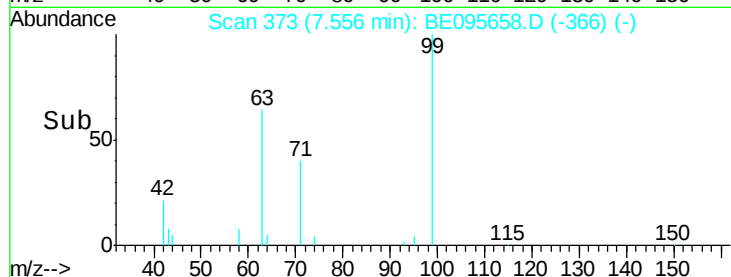
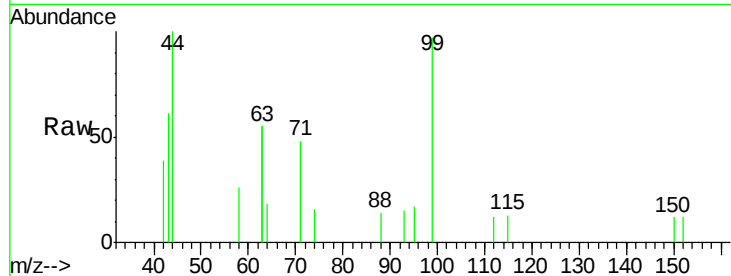
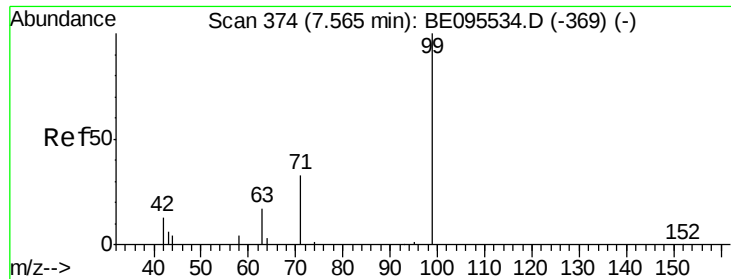
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#4
 2-Fluorophenol
 Concen: 0.20 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	149.4	116.8	175.2





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	99	Resp:	536
Ion	Ratio	Lower	Upper
99	100		
42	49.1	20.2	30.2#
71	46.5	28.4	42.6#

Instrument :

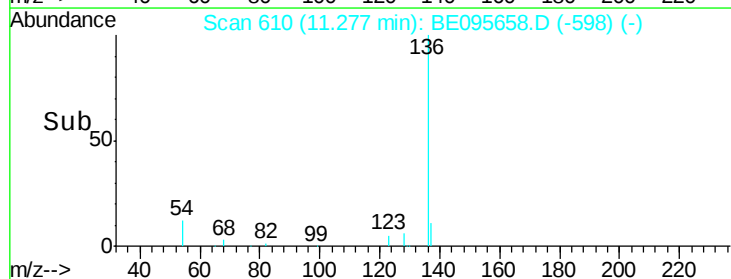
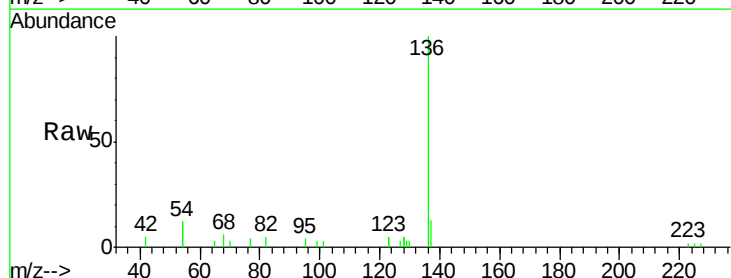
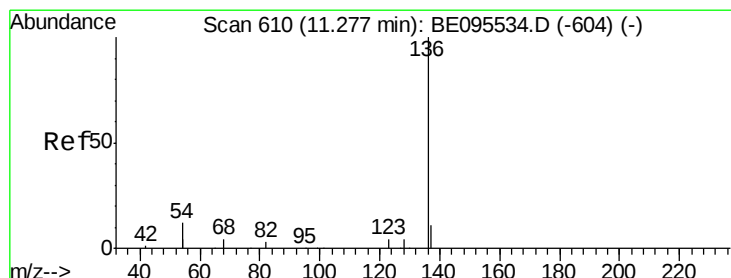
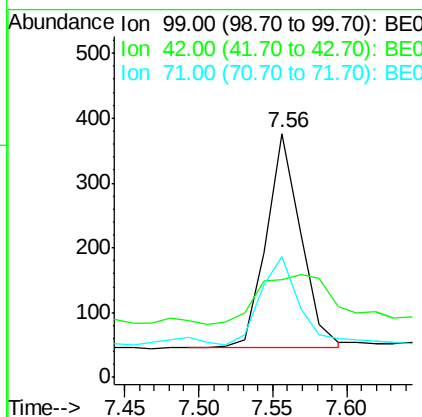
BNA_E

ClientSampleId :

MW-2

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#7

Naphthalene-d8

Concen: 0.40 ng

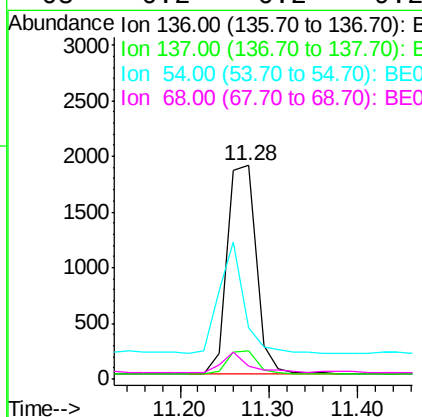
RT: 11.28 min Scan# 610

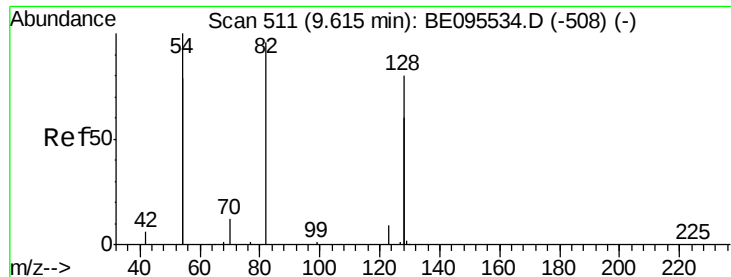
Delta R.T. 0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	136	Resp:	4257
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	23.8	29.1	43.7#
68	6.2	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.45 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

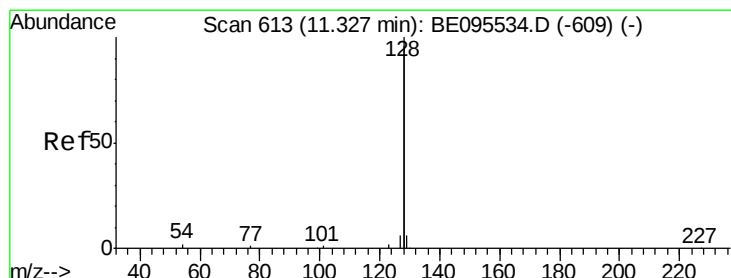
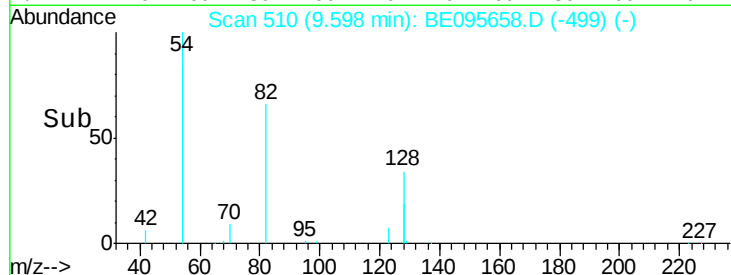
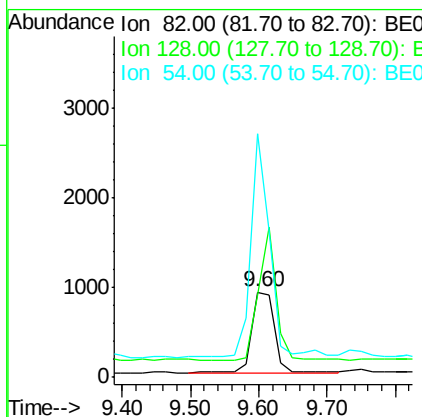
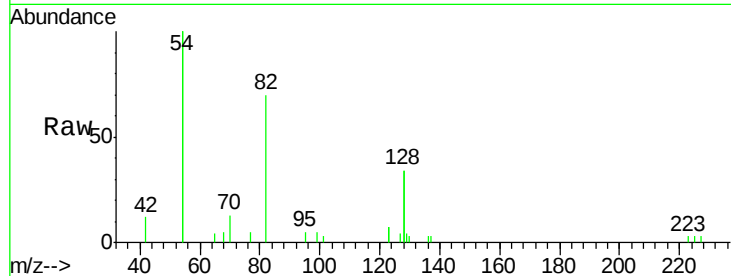
ClientSampled :

MW-2

Tgt Ion:	82	Resp:	2040
Ion Ratio	Lower	Upper	
82	100		
128	97.1	150.0	225.0#
54	286.8	154.2	231.4#

Manual Integrations
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#9

Naphthalene

Concen: 0.03 ng

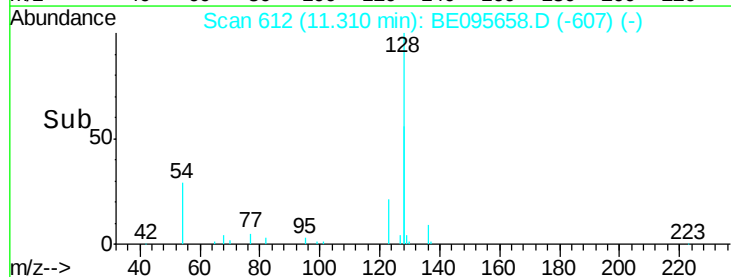
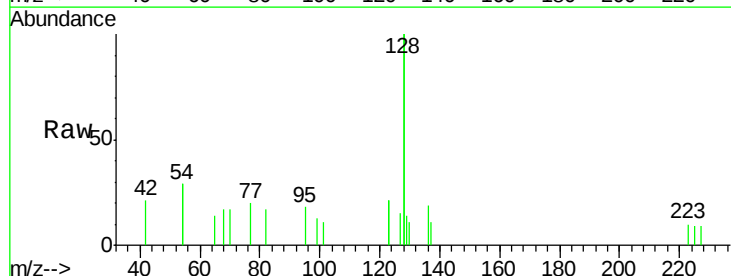
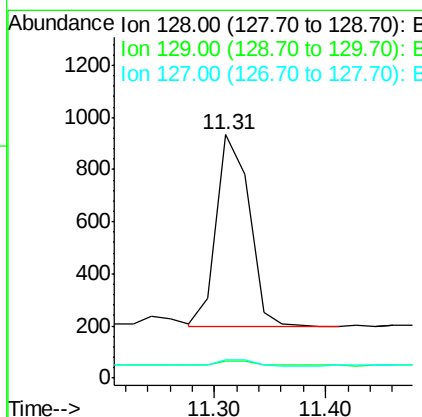
RT: 11.31 min Scan# 612

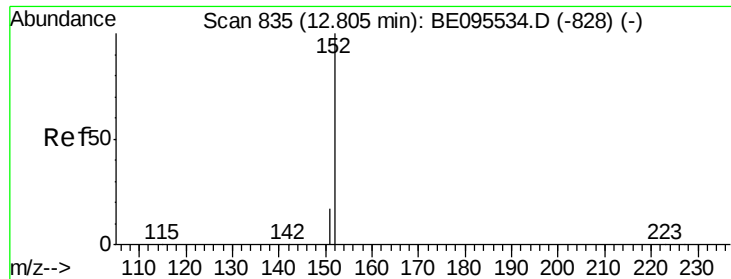
Delta R.T. -0.02 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	128	Resp:	1533
Ion Ratio	Lower	Upper	
128	100		
129	7.2	2.6	3.8#
127	7.6	2.8	4.2#





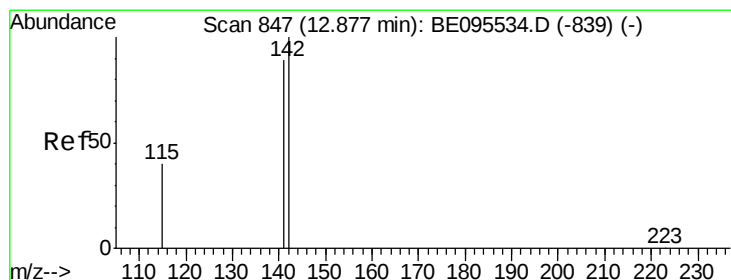
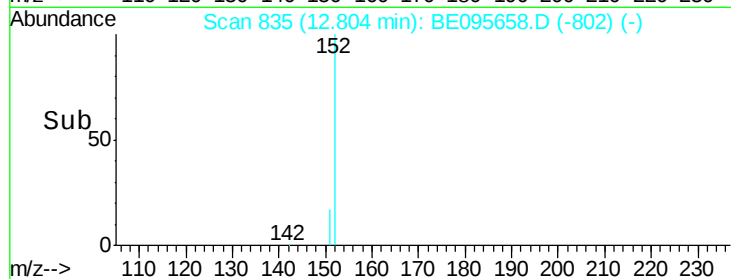
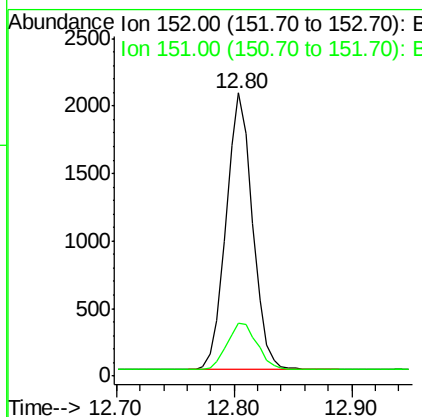
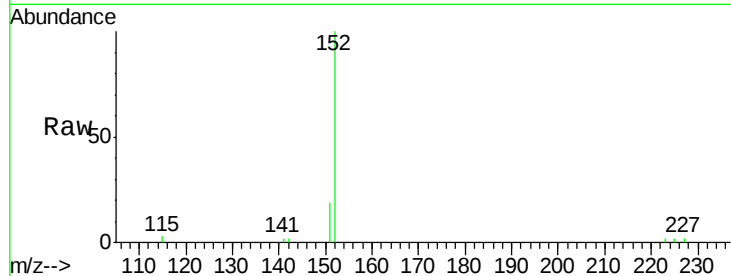
#11
 2-Methylnaphthalene-d10
 Concen: 0.45 ng
 RT: 12.80 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

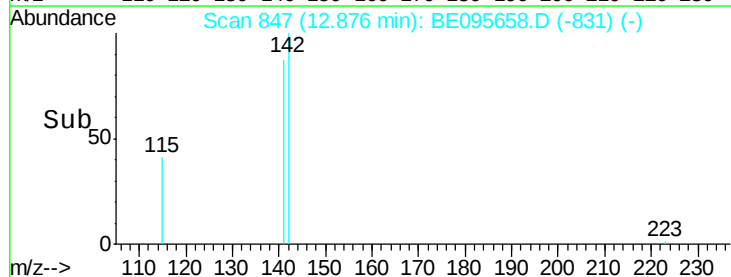
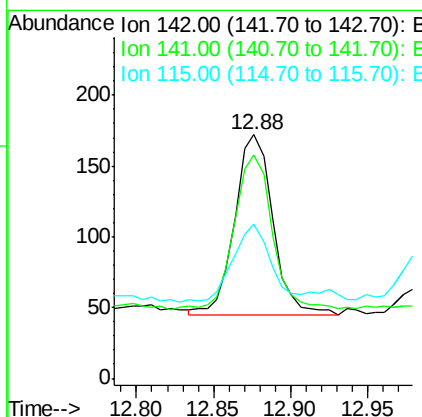
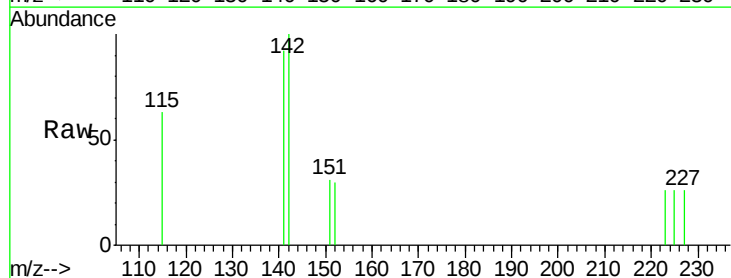
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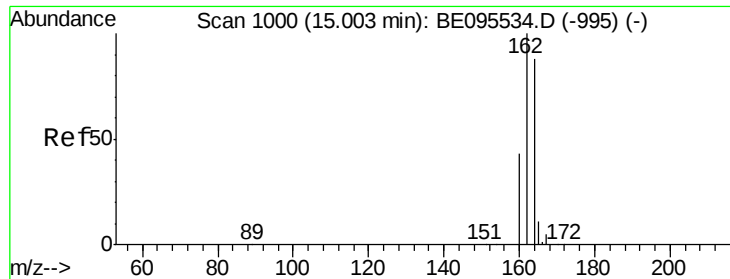
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#12
 2-Methylnaphthalene
 Concen: 0.03 ng
 RT: 12.88 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.4	105.6
115	63.4	31.7	47.5#





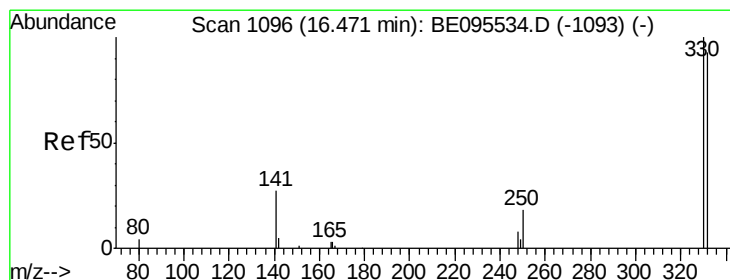
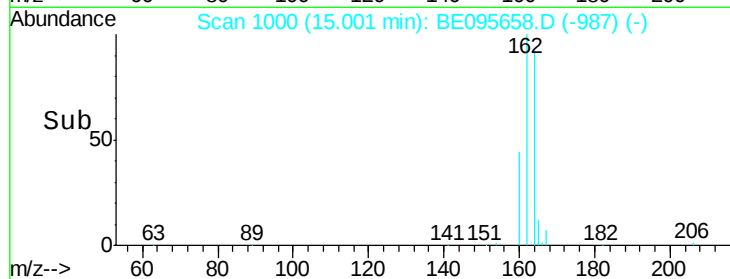
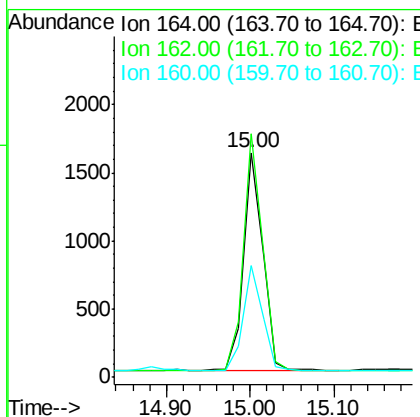
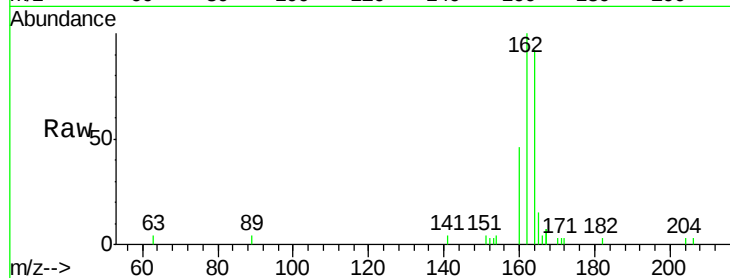
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095658.D
Acq: 12 Feb 2018 13:06

Instrument :
BNA_E
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 2526
Ion Ratio Lower Upper
164 100
162 108.3 83.1 124.7
160 49.5 37.1 55.7

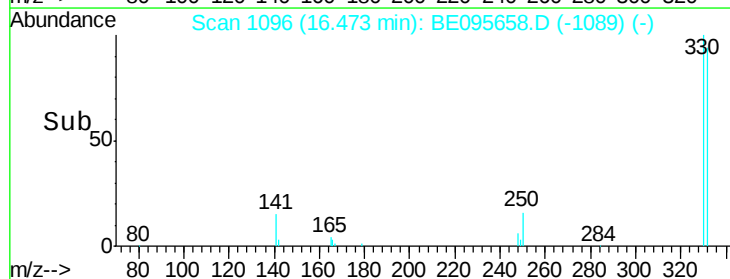
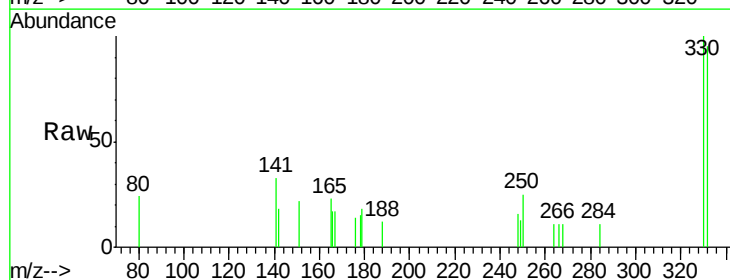
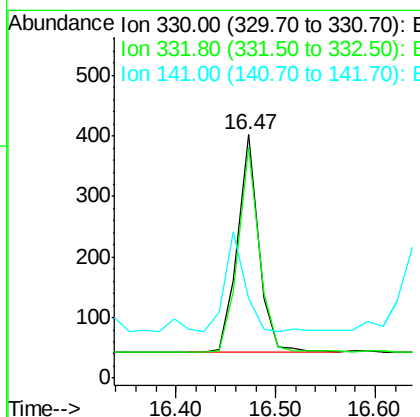
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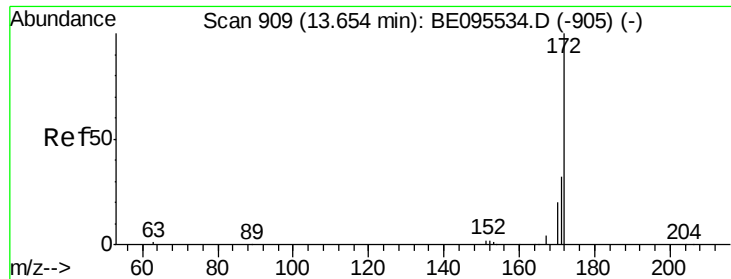
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#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095658.D
Acq: 12 Feb 2018 13:06

Tgt Ion:330 Resp: 523
Ion Ratio Lower Upper
330 100
332 95.2 152.7 229.1#
141 44.0 33.7 50.5





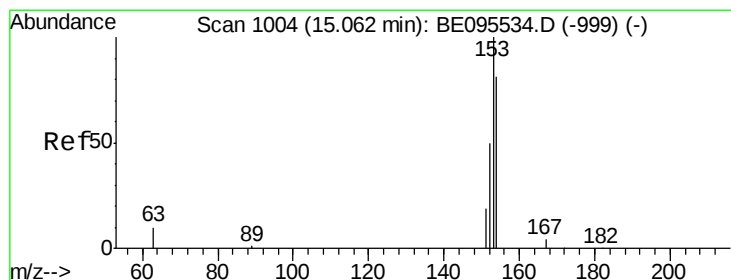
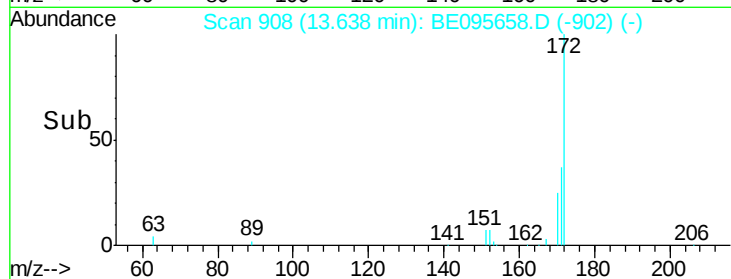
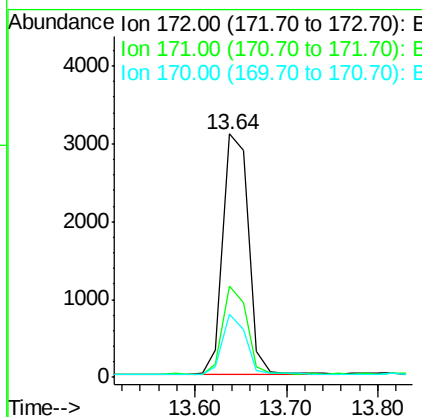
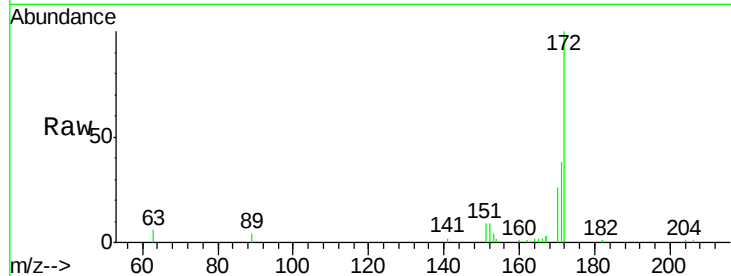
#15
2-Fluorobiphenyl
Concen: 0.54 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095658.D
Acq: 12 Feb 2018 13:06

Instrument :
BNA_E
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	26.1	21.8	32.8

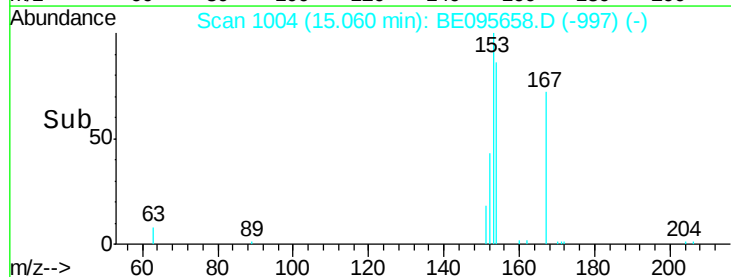
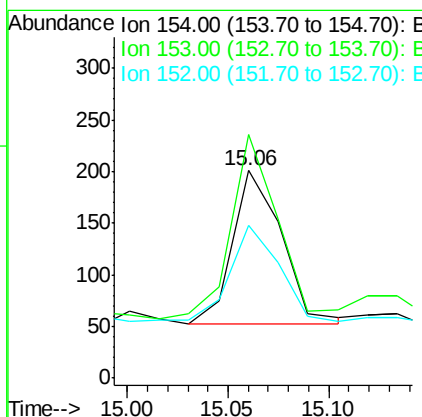
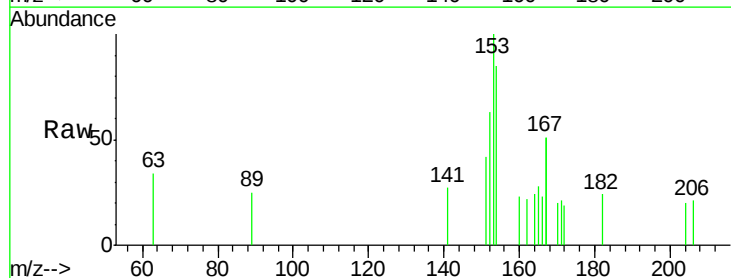
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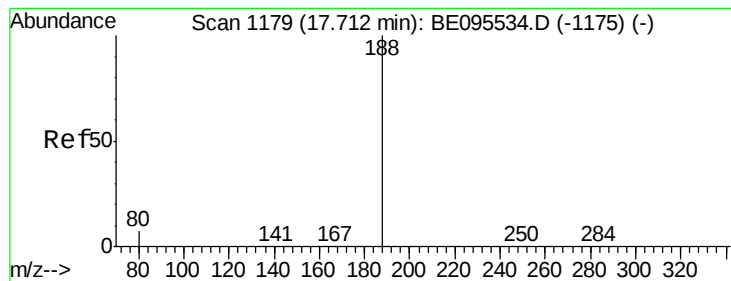
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#17
Acenaphthene
Concen: 0.03 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095658.D
Acq: 12 Feb 2018 13:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.2	133.8
152	62.5	42.0	63.0





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

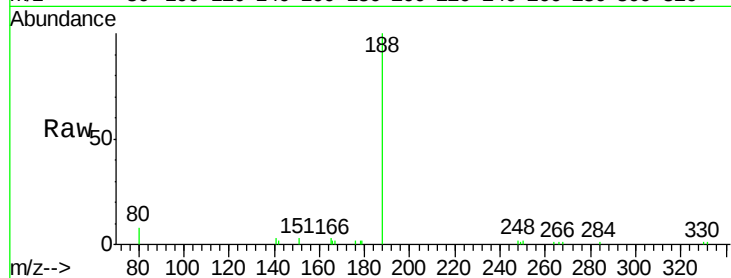
ClientSampleId :

MW-2

Tgt Ion:	188	Resp:	5595
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#

Manual Integrations
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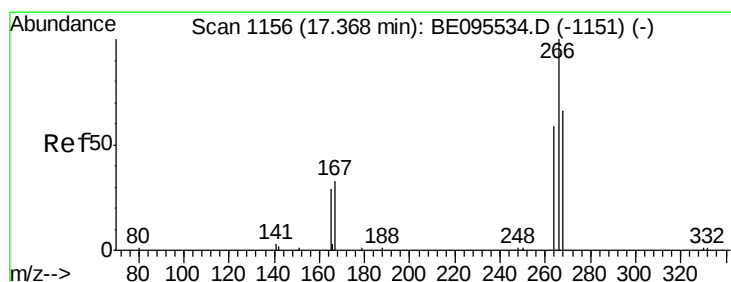
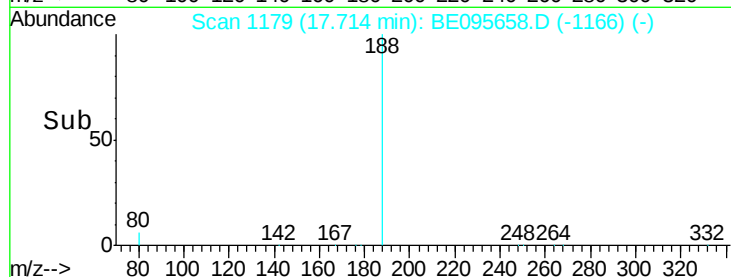
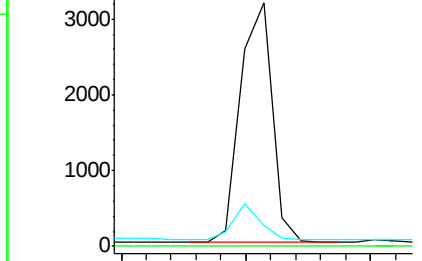
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.23 ng

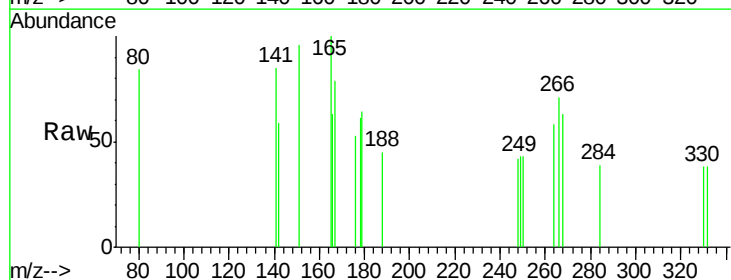
RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

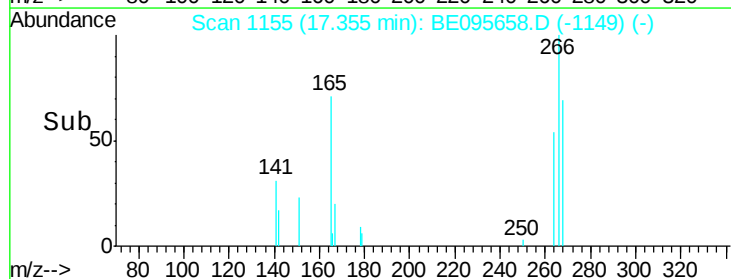
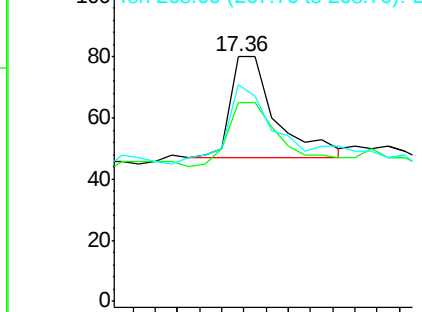
Tgt Ion:	266	Resp:	94
Ion Ratio	Lower	Upper	
266	100		
264	81.3	72.5	108.7
268	88.8	73.8	110.6

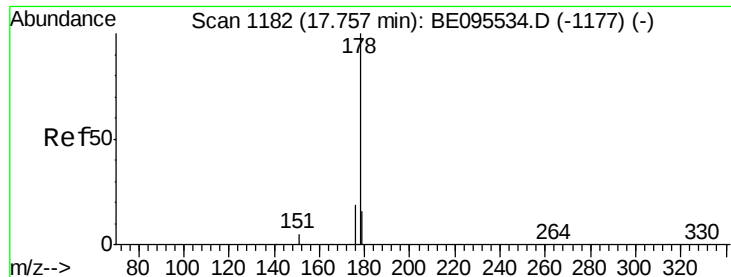


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.03 ng m

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

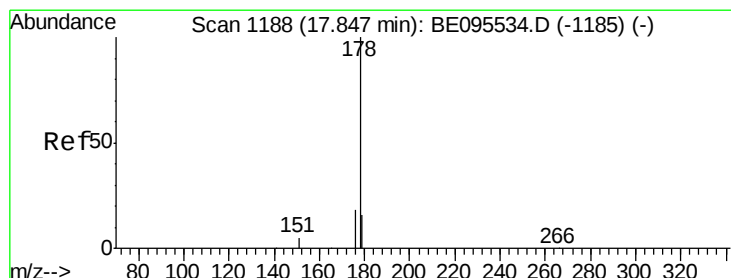
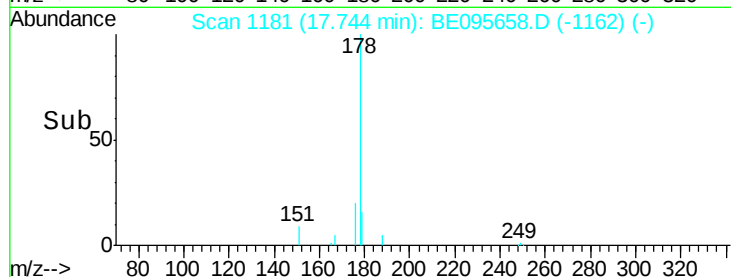
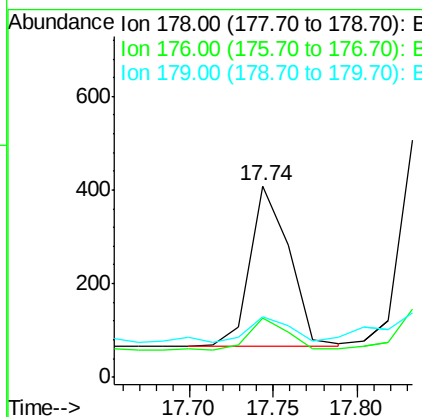
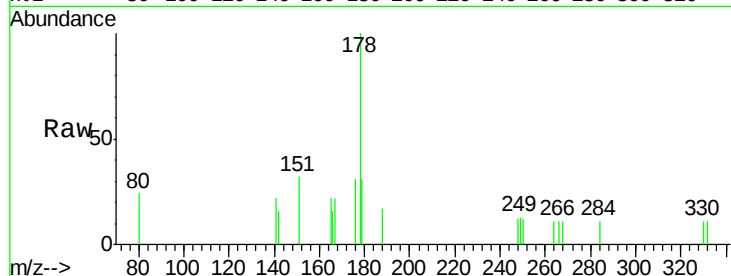
ClientSampleId :

MW-2

Tgt Ion:	178	Resp:	563
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.8	11.8	17.6

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#24

Anthracene

Concen: 0.05 ng m

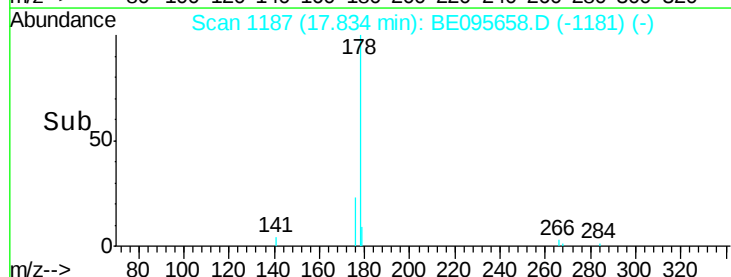
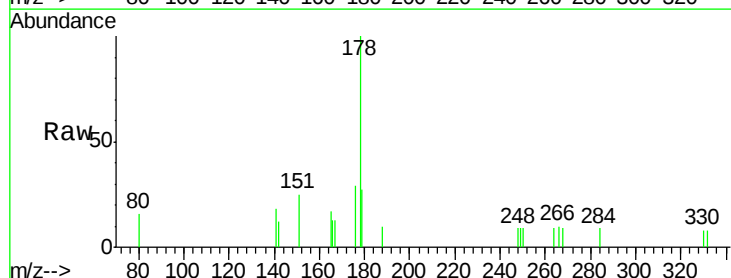
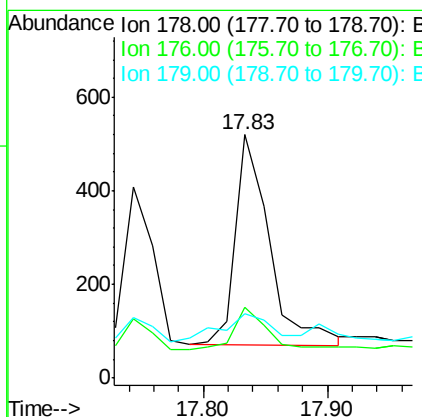
RT: 17.83 min Scan# 1187

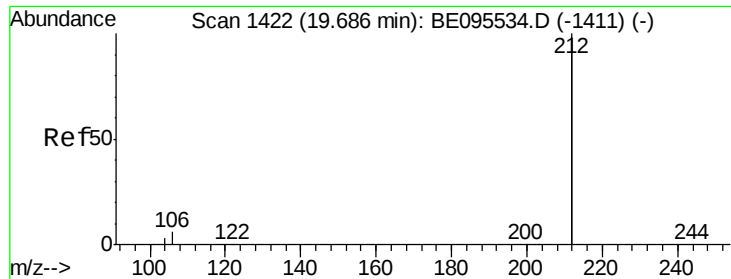
Delta R.T. -0.01 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	178	Resp:	862
Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	21.5	13.0	19.6#





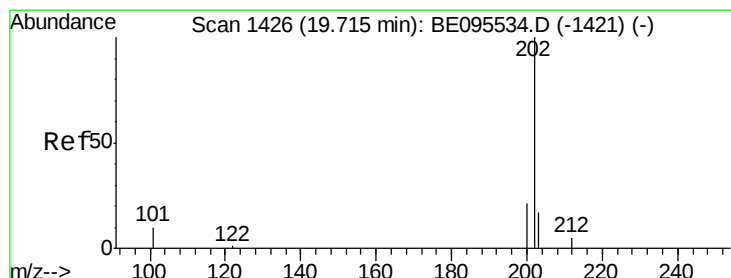
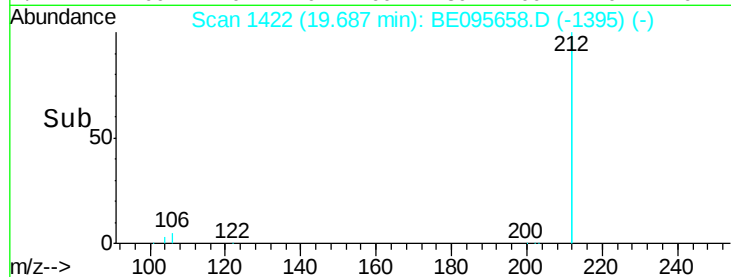
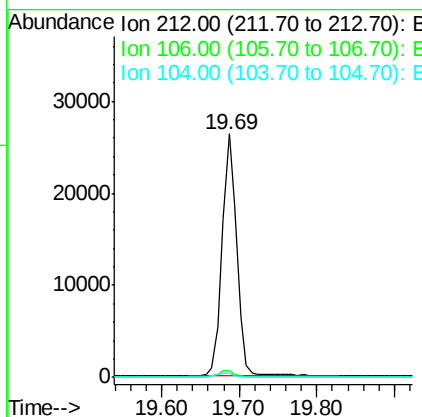
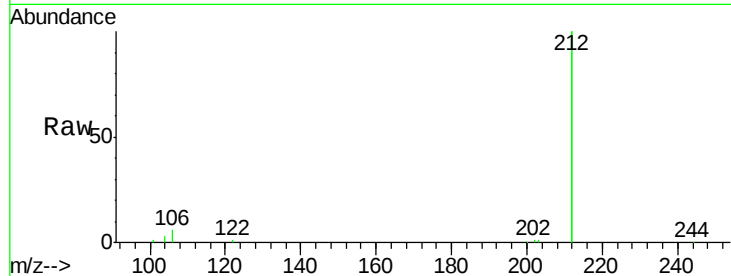
#25
 Fluoranthene-d10
 Concen: 0.46 ng
 RT: 19.69 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tgt Ion:	212	Resp:	34010
Ion Ratio	Lower	Upper	
212	100		
106	2.8	2.8	4.2
104	1.7	1.6	2.4

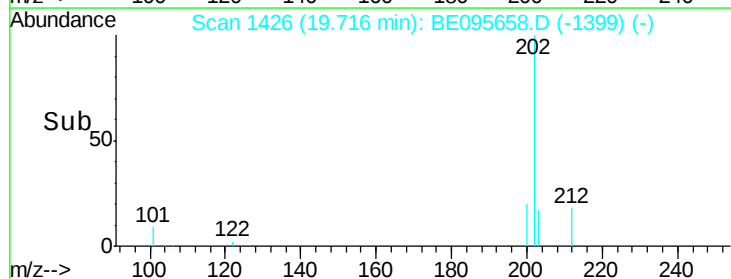
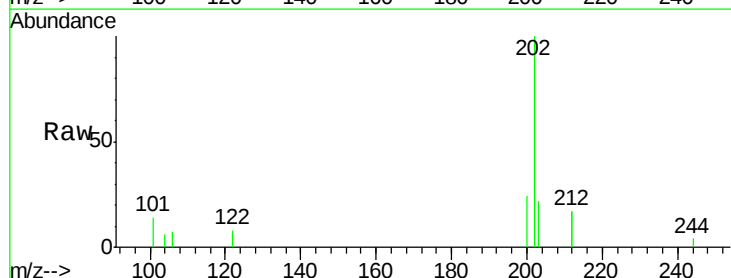
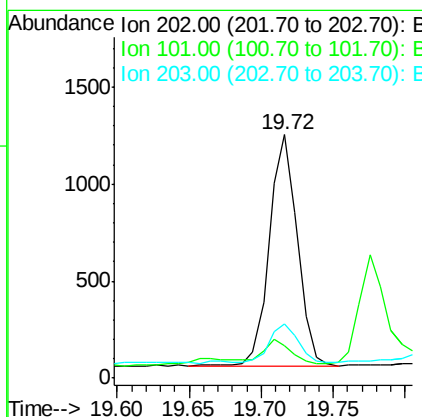
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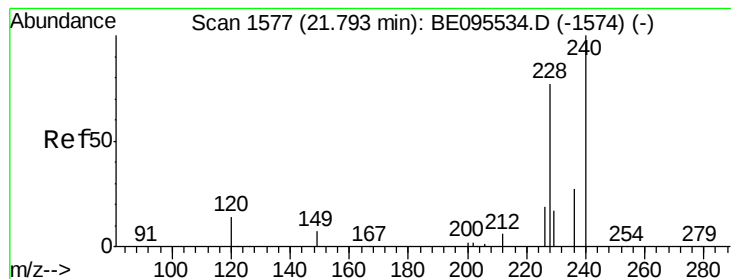
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#26
 Fluoranthene
 Concen: 0.08 ng
 RT: 19.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE095658.D
 Acq: 12 Feb 2018 13:06

Tgt Ion:	202	Resp:	1629
Ion Ratio	Lower	Upper	
202	100		
101	9.9	9.8	14.8
203	16.9	13.7	20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

ClientSampled :

MW-2

Tgt Ion: 240 Resp: 5878

Ion Ratio Lower Upper

240 100

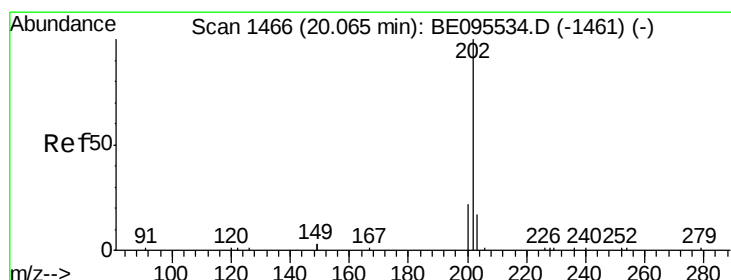
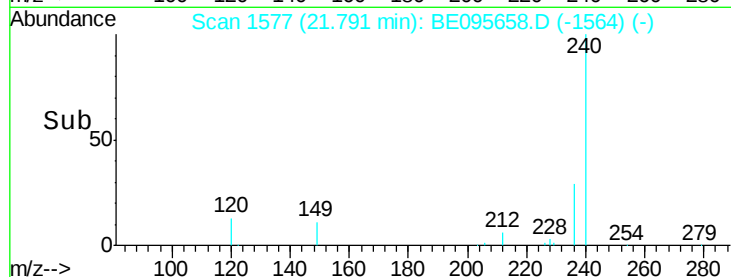
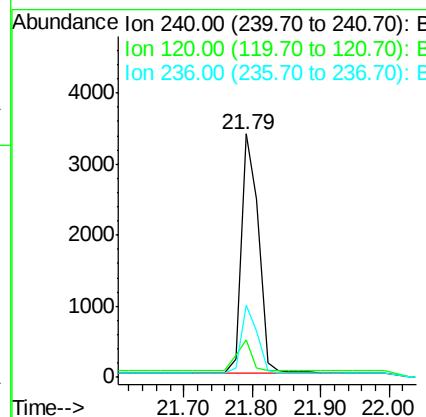
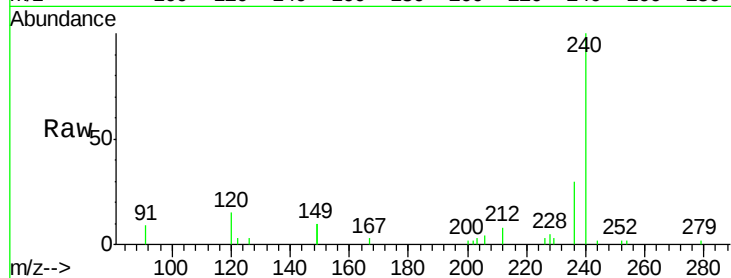
120 15.1 5.5 8.3#

236 29.9 20.7 31.1

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#28

Pyrene

Concen: 0.08 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

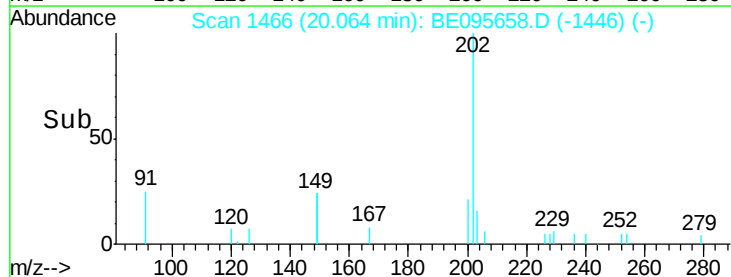
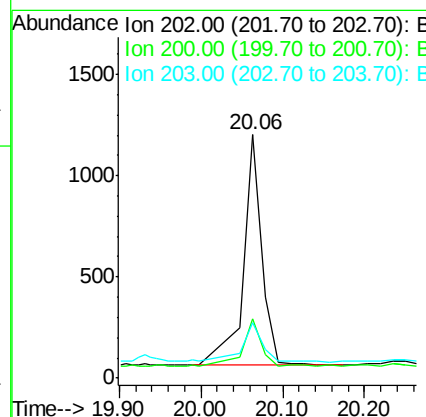
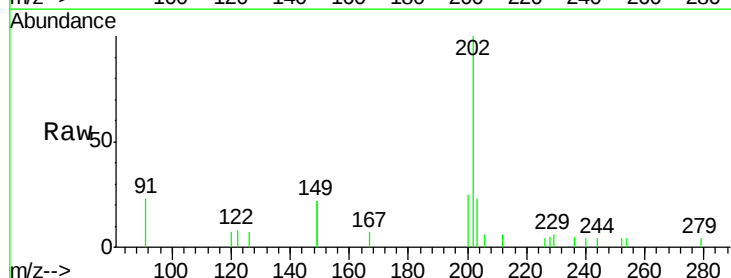
Tgt Ion: 202 Resp: 1858

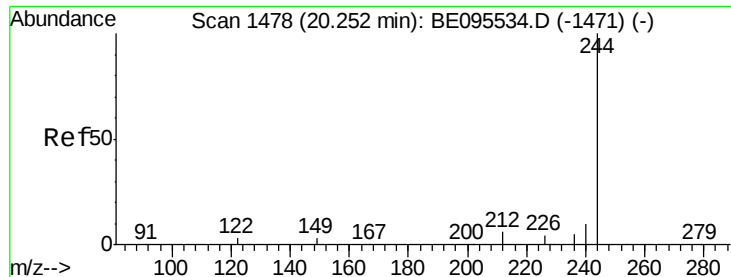
Ion Ratio Lower Upper

202 100

200 18.8 16.6 25.0

203 18.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.62 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

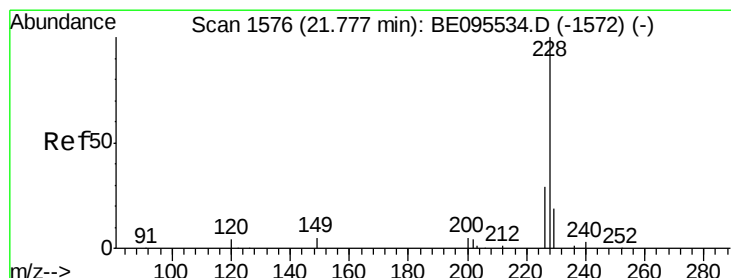
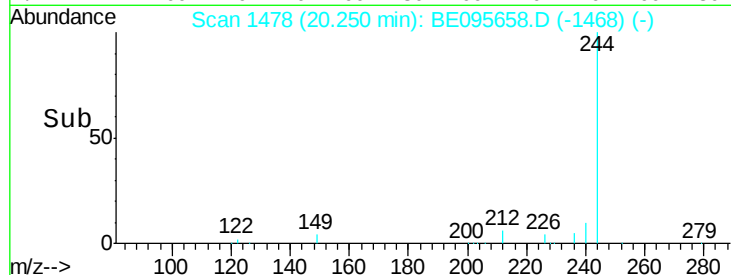
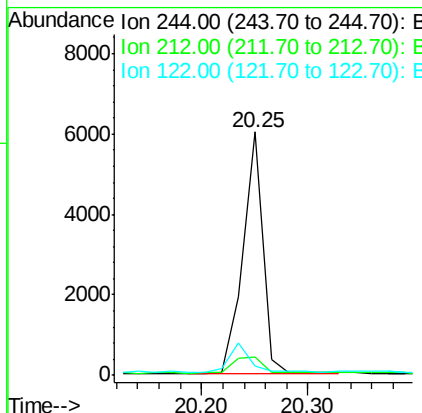
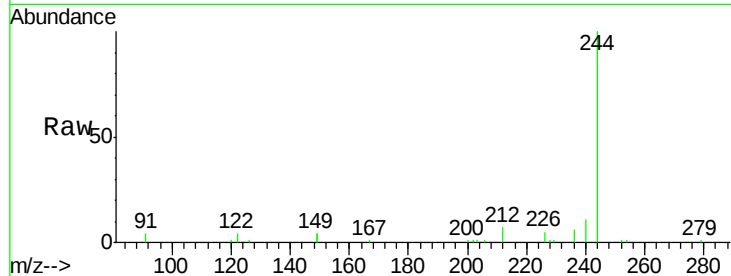
ClientSampleId :

MW-2

Tgt Ion:	244	Resp:	7778
Ion Ratio	Lower	Upper	
244	100		
212	7.3	25.4	38.0#
122	3.8	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.03 ng

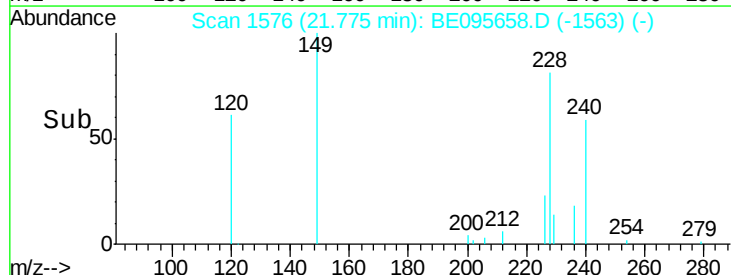
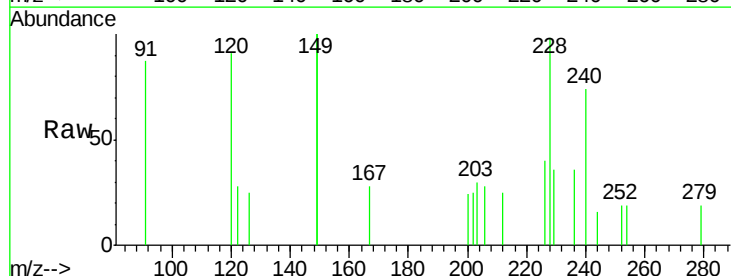
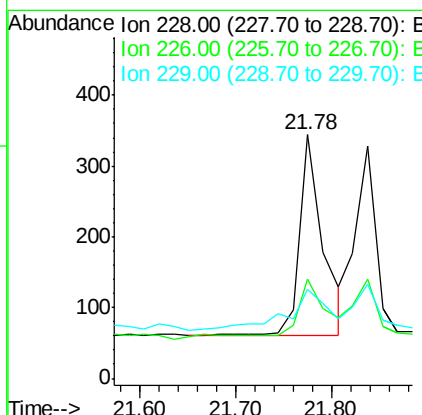
RT: 21.78 min Scan# 1576

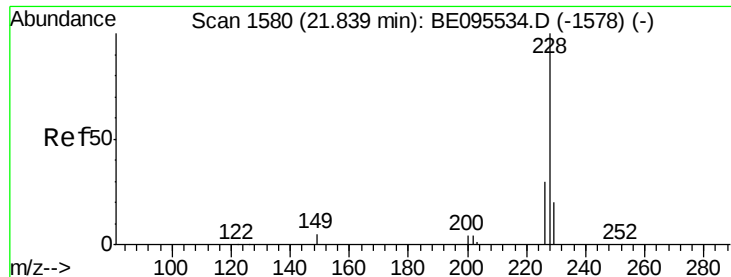
Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	228	Resp:	492
Ion Ratio	Lower	Upper	
228	100		
226	41.0	24.0	36.0#
229	36.3	16.0	24.0#





#31

Chrysene

Concen: 0.02 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Instrument :

BNA_E

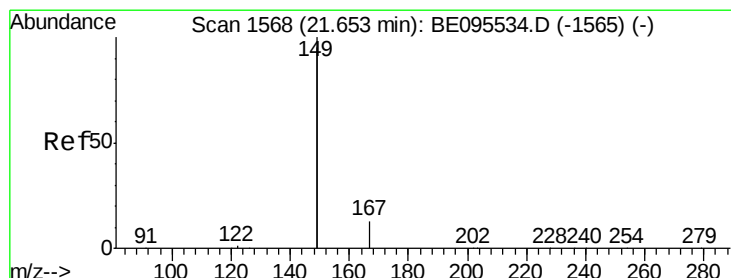
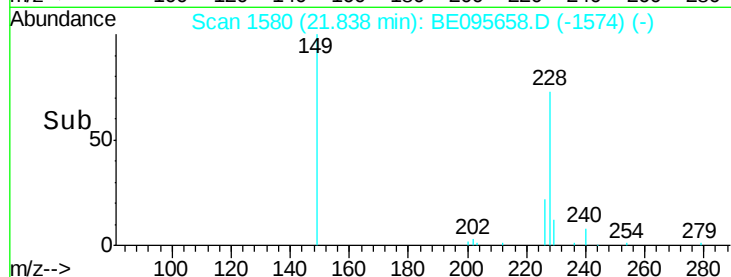
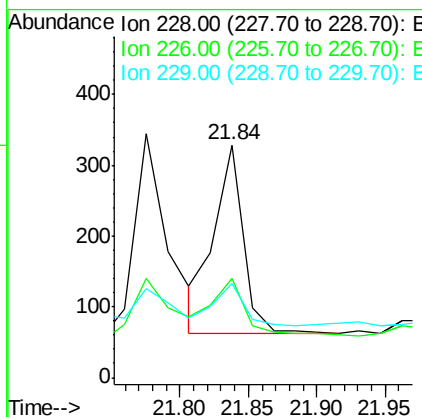
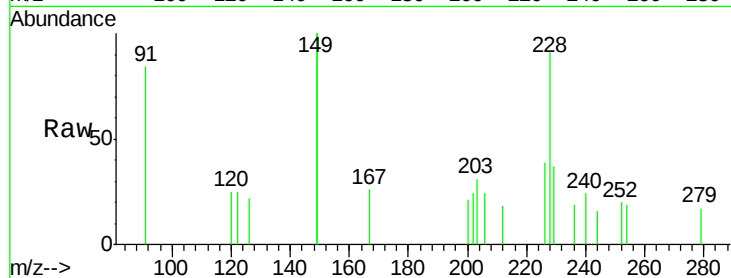
ClientSampled :

MW-2

Tgt Ion:	228	Resp:	394
Ion Ratio	Lower	Upper	
228	100		
226	42.9	24.0	36.0#
229	40.4	16.0	24.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

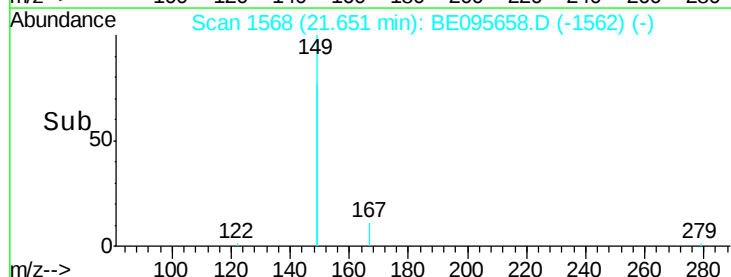
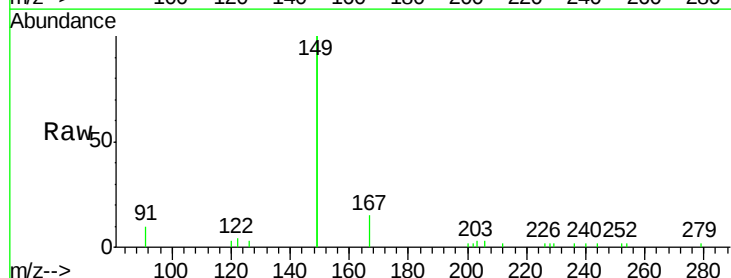
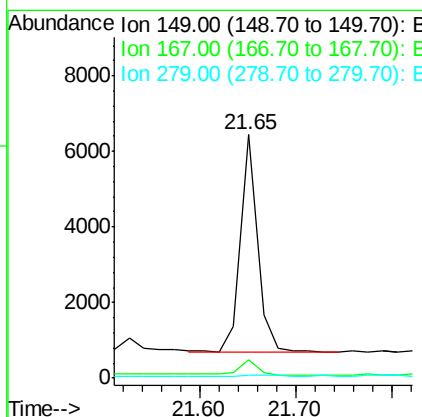
RT: 21.65 min Scan# 1568

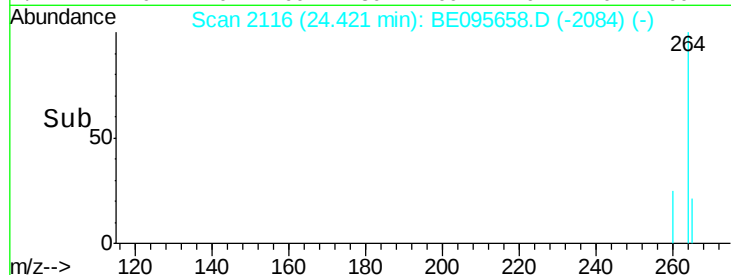
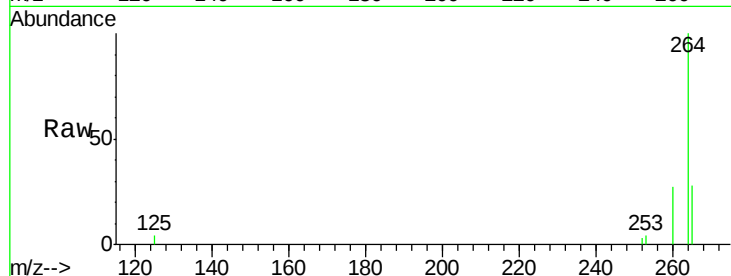
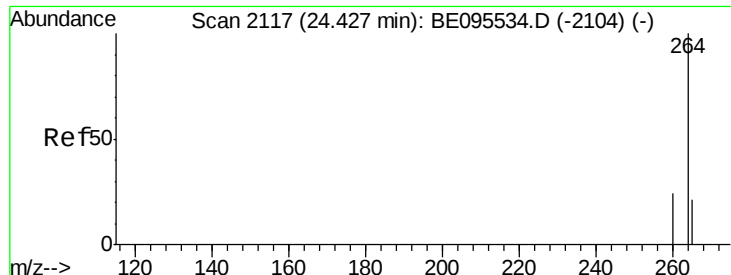
Delta R.T. -0.00 min

Lab File: BE095658.D

Acq: 12 Feb 2018 13:06

Tgt Ion:	149	Resp:	7038
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.40 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BE095658.D
Acq: 12 Feb 2018 13:06

Tgt Ion:	264	Resp:	5640
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.5	30.7
265	27.6	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
MW-2

Manual Integrations
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