

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098458.D
 Acq On : 15 Dec 2018 6:10
 Operator : SJ/JU
 Sample : J6358-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20181210

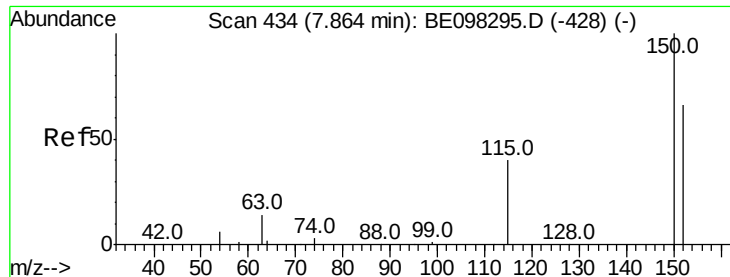
Manual Integrations
 APPROVED

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 12/17/2018 4:10:16 PM

Quant Time: Dec 16 00:57:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	972	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4063	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2651	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6654	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8223	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8066	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	587	0.26	ng	0.00
5) Phenol-d6	7.04	99	482	0.15	ng	0.00
8) Nitrobenzene-d5	9.03	82	1592	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2876	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	763	0.78	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	6170	0.55	ng	0.00
25) Fluoranthene-d10	19.30	212	43007	0.50	ng	-0.01
29) Terphenyl-d14	19.90	244	8872	0.44	ng	-0.01
Target Compounds						
23) Phenanthrene	17.31	178	399m	0.025	ng	Qvalue
24) Anthracene	17.41	178	323	0.022	ng	# 89
26) Fluoranthene	19.33	202	537	0.025	ng	# 92
28) Pyrene	19.69	202	530	0.021	ng	# 93
30) Benzo(a)anthracene	21.44	228	650	0.028	ng	# 60
31) Chrysene	21.49	228	578	0.024	ng	# 44
32) Bis(2-ethylhexyl)phthalate	21.35	149	6651	0.140	ng	# 100

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



#1

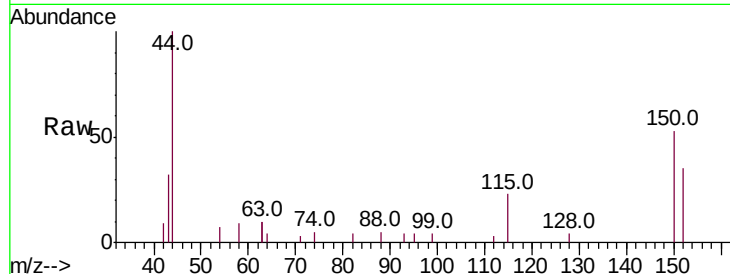
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098458.D
Acq: 15 Dec 2018 6:10

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW01-20181210

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.2	186.4
115	67.3	53.9	80.9

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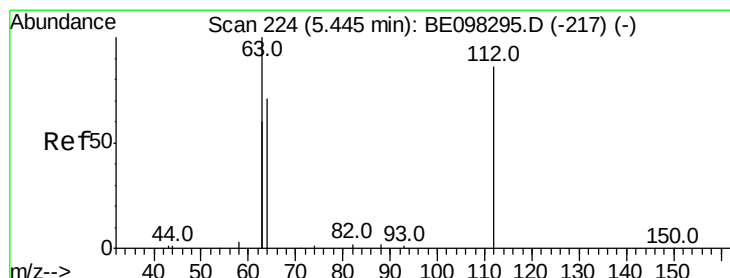
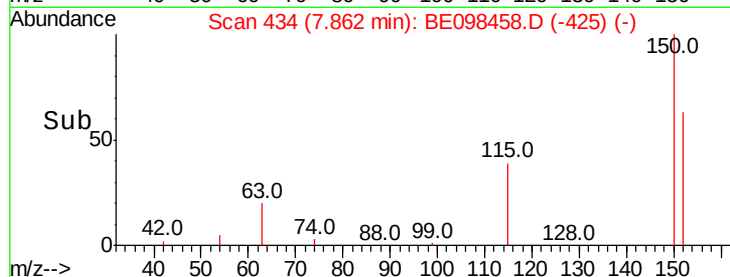
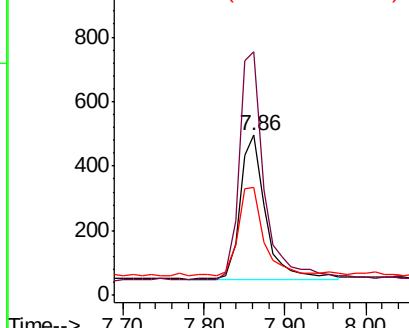


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

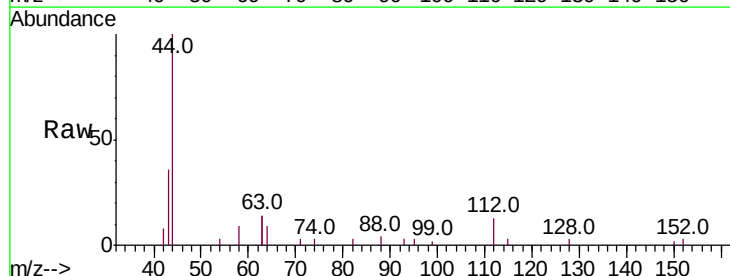
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.258 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098458.D
Acq: 15 Dec 2018 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.8	89.8
63	190.3	133.7	200.5

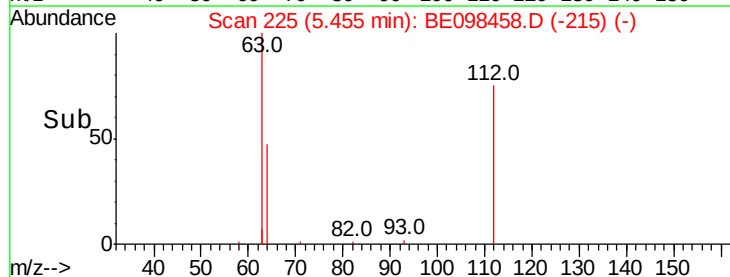
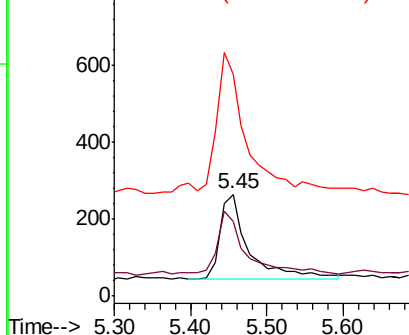


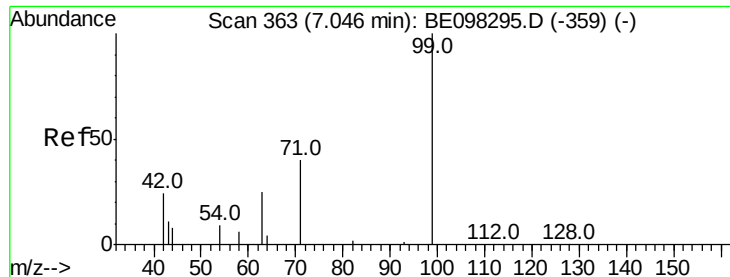
Abundance

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





#5

Phenol-d6

Concen: 0.150 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

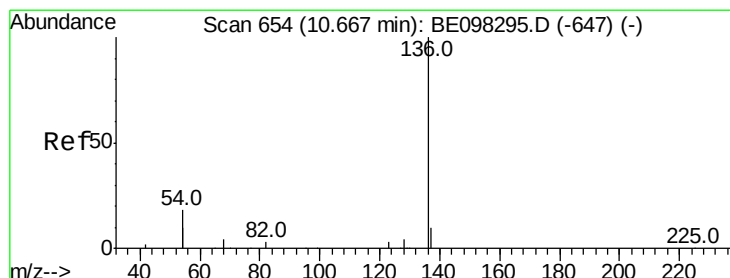
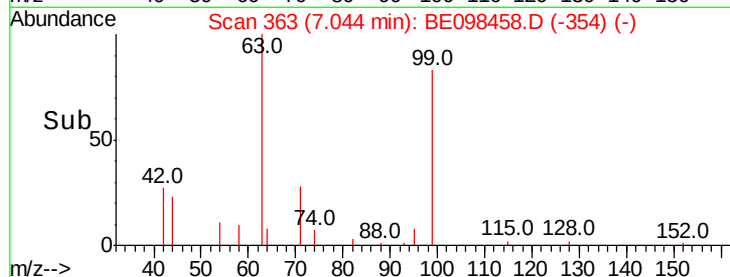
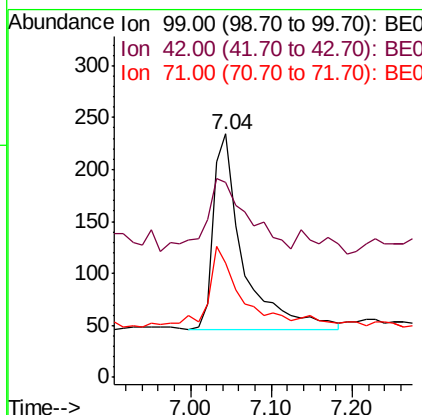
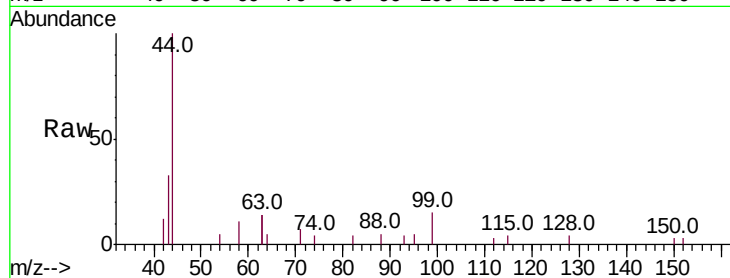
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	99	Resp:	482
Ion	Ratio	Lower	Upper
99	100		
42	47.5	26.3	39.5#
71	38.8	33.6	50.4

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#7

Naphthalene-d8

Concen: 0.400 ng

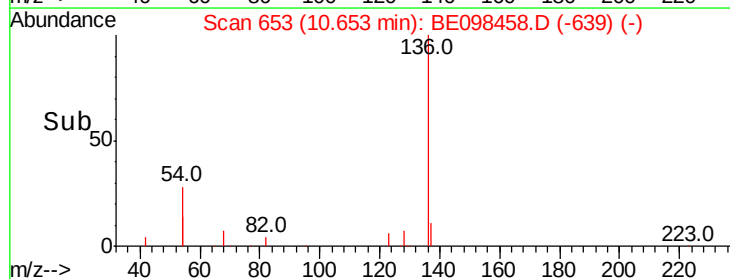
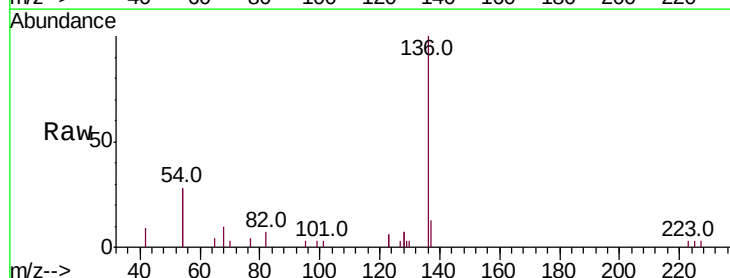
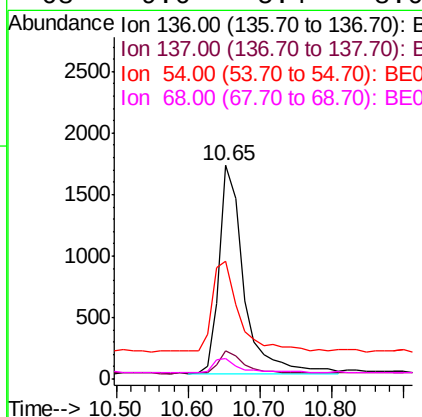
RT: 10.65 min Scan# 653

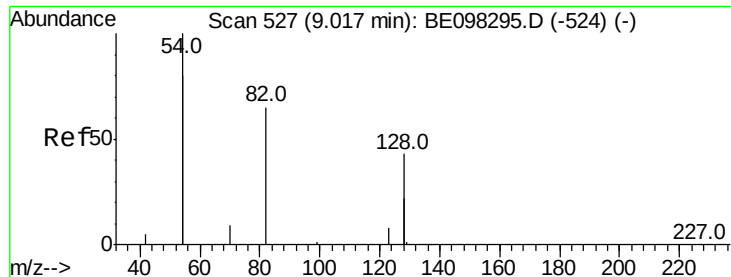
Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion:	136	Resp:	4063
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.2	13.8
54	55.4	28.4	42.6#
68	9.6	5.4	8.0#





#8

Nitrobenzene-d5

Concen: 0.430 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

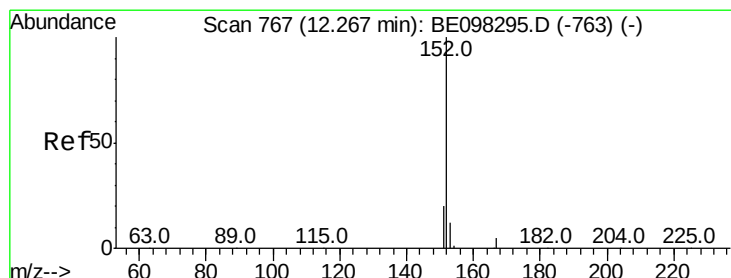
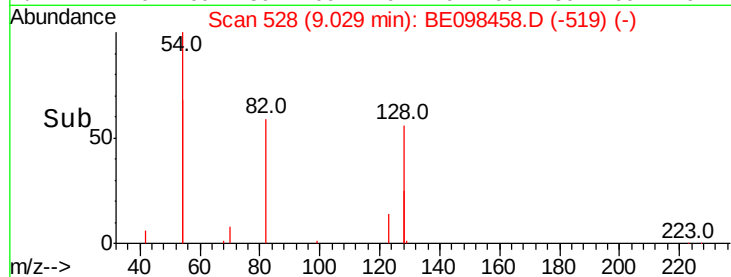
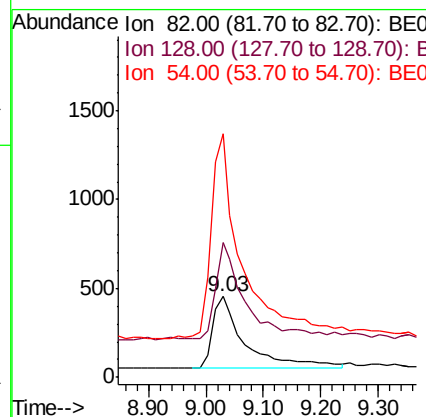
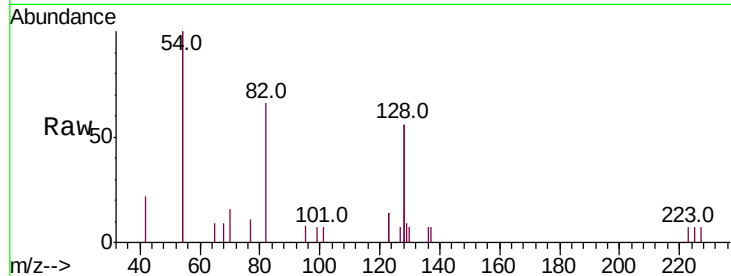
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion	Ratio	Lower	Upper
82	100		
128	167.8	102.4	153.6#
54	301.8	221.8	332.8

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#11

2-Methylnaphthalene-d10

Concen: 0.435 ng

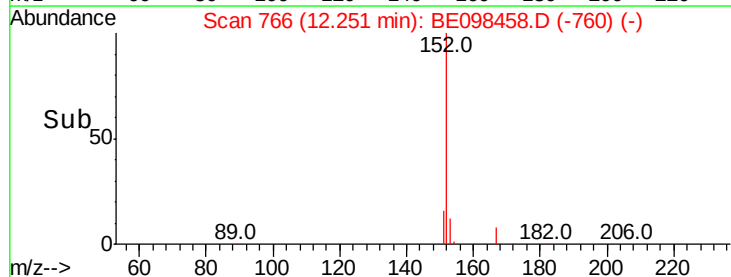
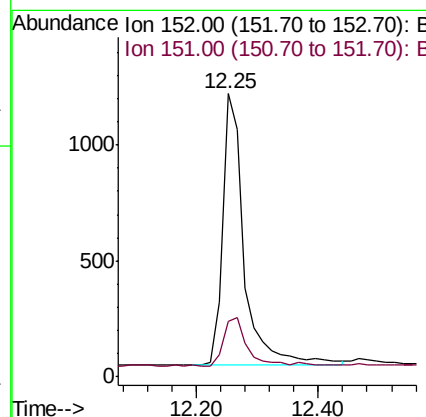
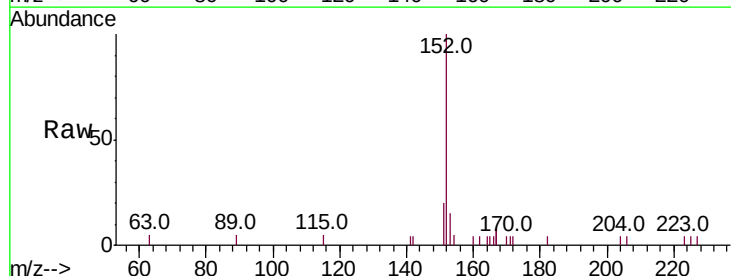
RT: 12.25 min Scan# 766

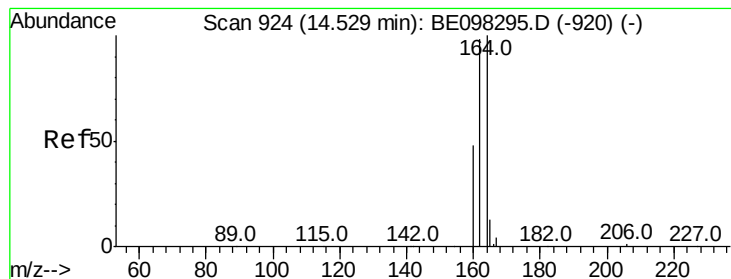
Delta R.T. -0.02 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

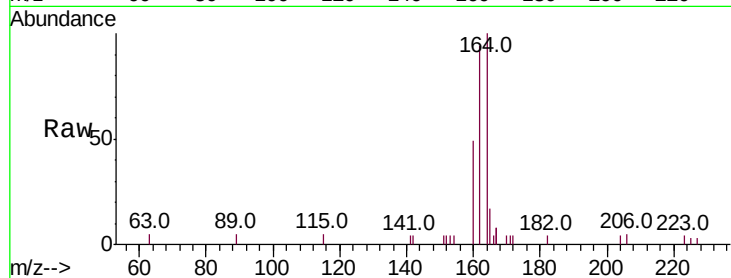
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	164	Resp:	2651
Ion Ratio	Lower	Upper	
164	100		
162	94.3	77.6	116.4
160	49.1	36.0	54.0

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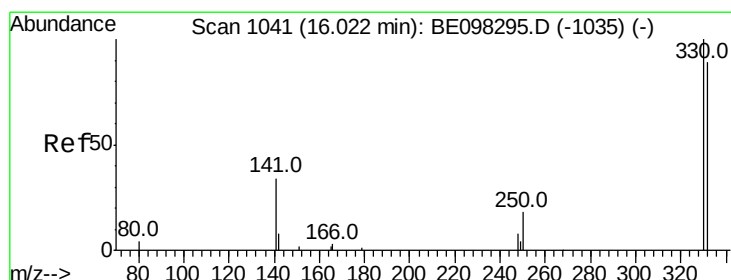
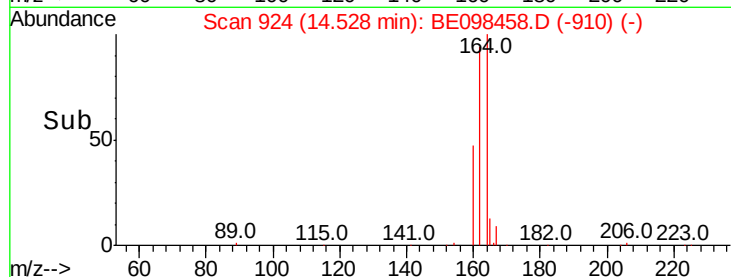
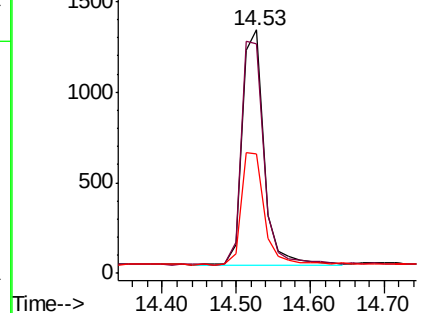
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.784 ng

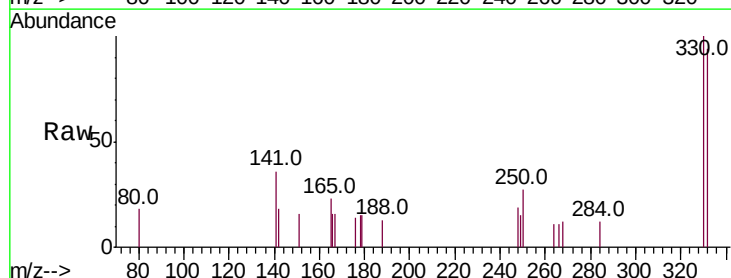
RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

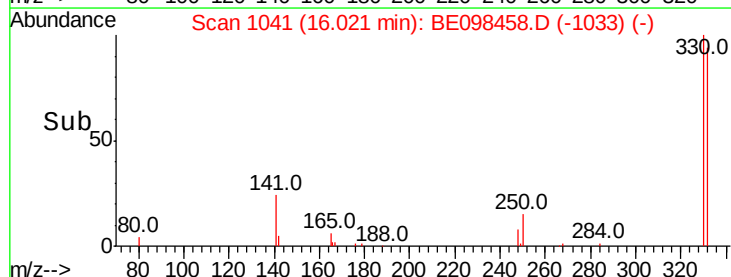
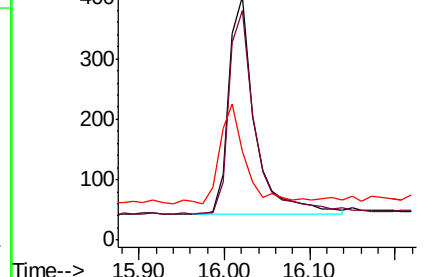
Tgt Ion:	330	Resp:	763
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.2	114.4
141	46.0	39.0	58.4

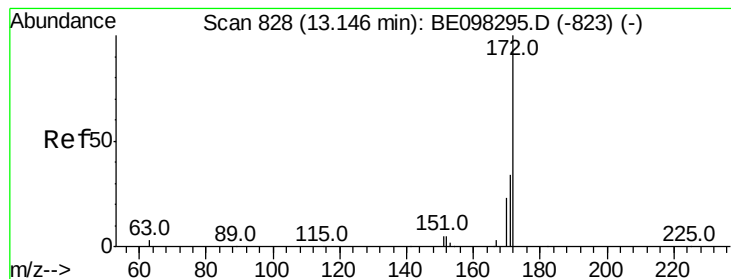


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





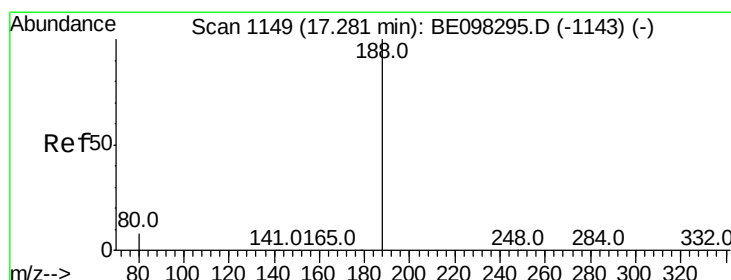
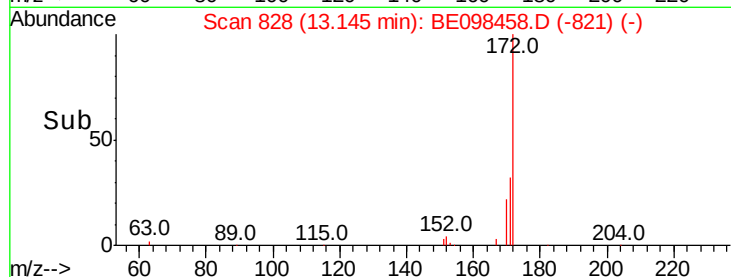
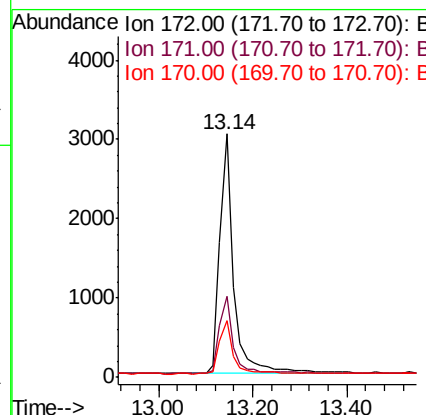
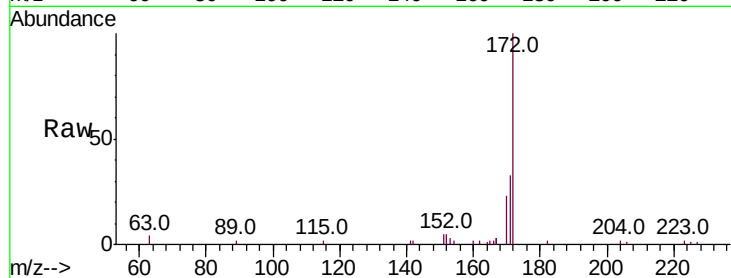
#15
 2-Fluorobiphenyl
 Concen: 0.552 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098458.D
 Acq: 15 Dec 2018 6:10

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20181210

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.5	41.3
170	23.2	19.6	29.4

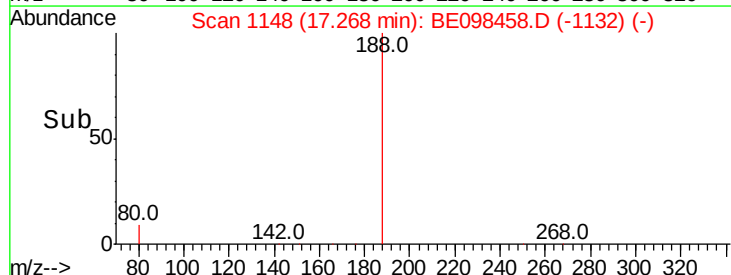
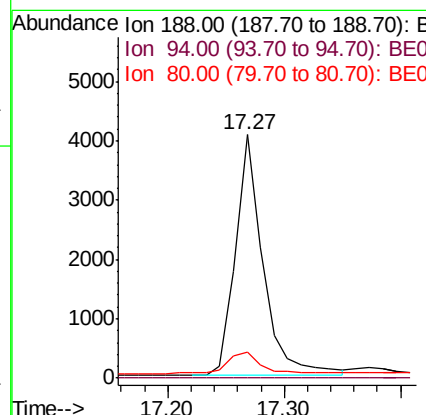
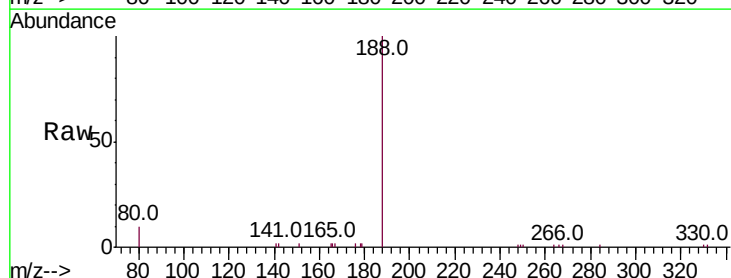
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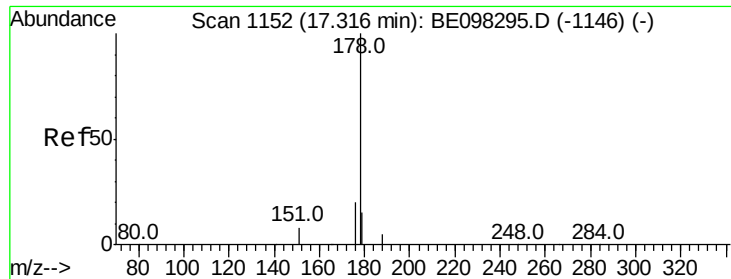
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098458.D
 Acq: 15 Dec 2018 6:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.2	10.8





#23

Phenanthrene

Concen: 0.025 ng/mL

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

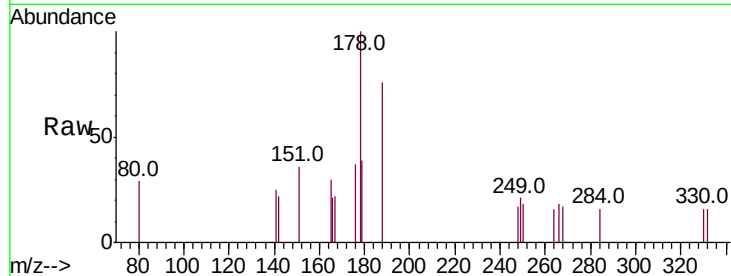
ClientSampleId :

BP-FW-MW01-20181210

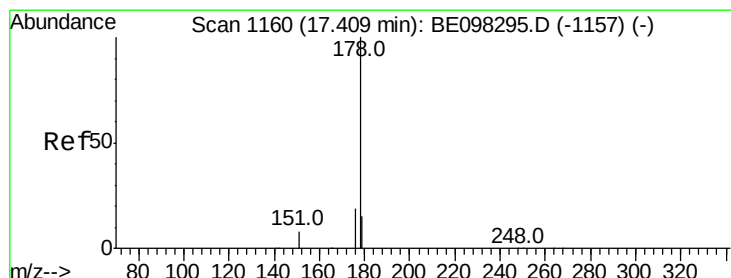
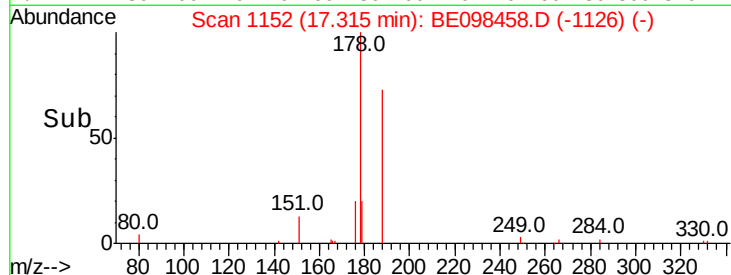
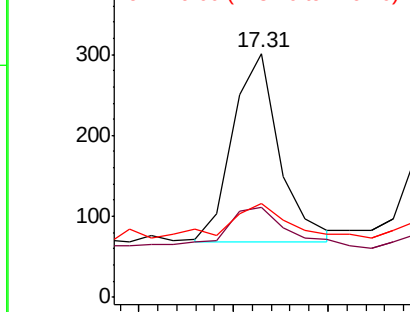
Tot Ion:178	Resp:	399
Ion Ratio	Lower	Upper
178 100		
176 20.1	15.9	23.9
179 15.0	12.3	18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.022 ng/mL

RT: 17.41 min Scan# 1160

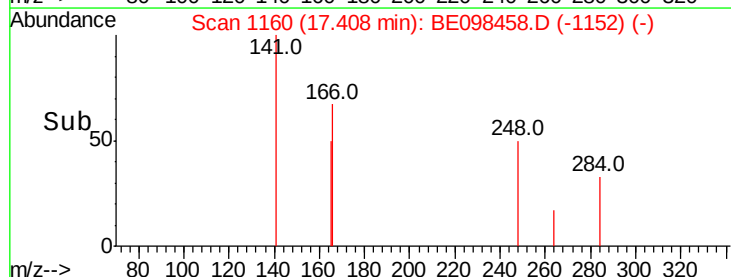
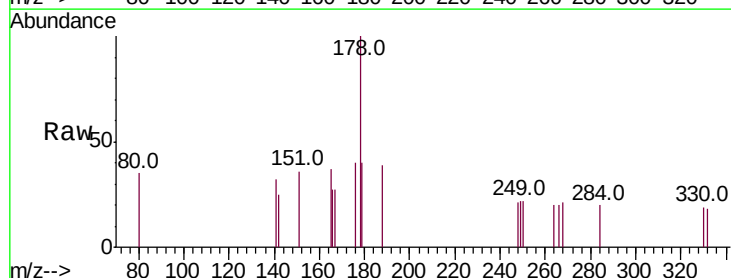
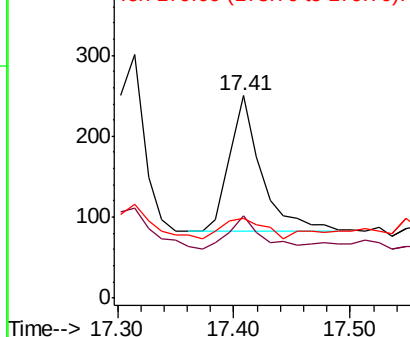
Delta R.T. -0.00 min

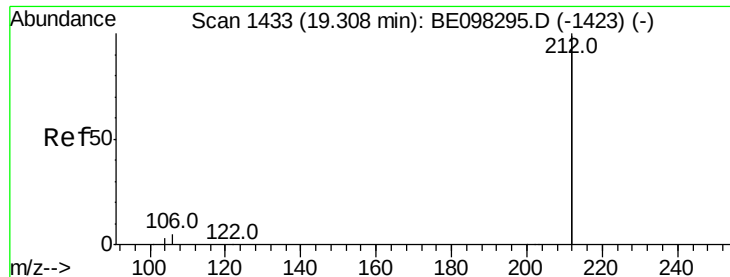
Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion:178	Resp:	323
Ion Ratio	Lower	Upper
178 100		
176 24.8	15.0	22.4#
179 18.6	12.3	18.5#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.504 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

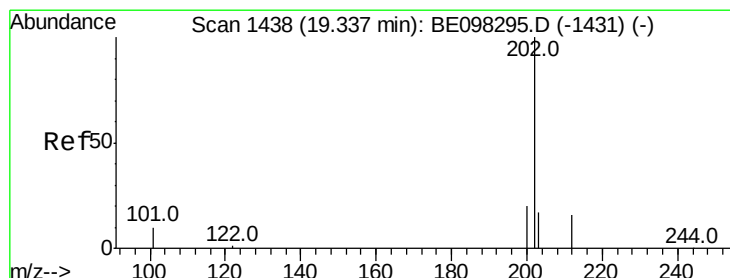
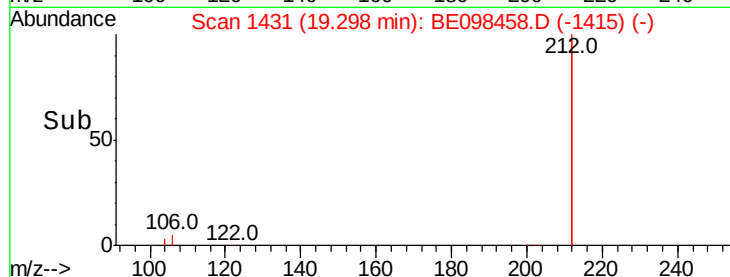
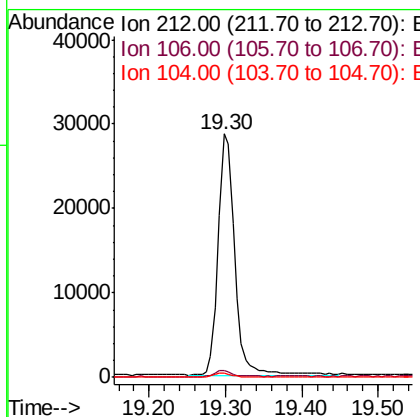
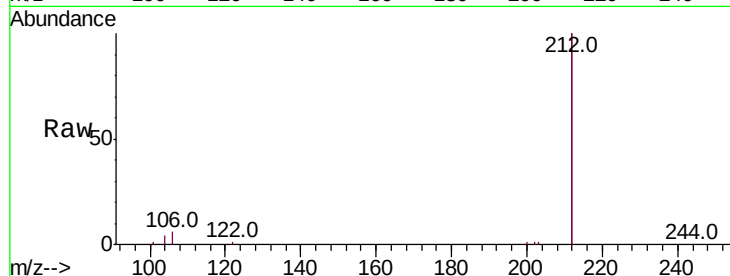
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	212	Resp:	43007
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

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#26

Fluoranthene

Concen: 0.025 ng

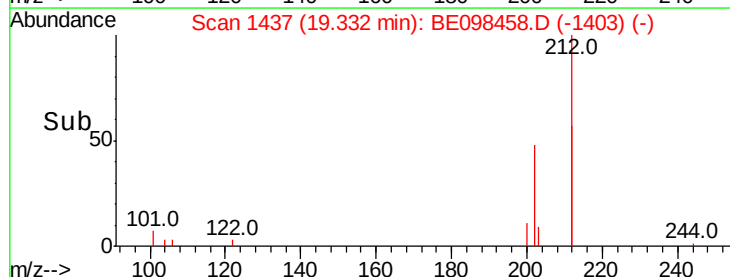
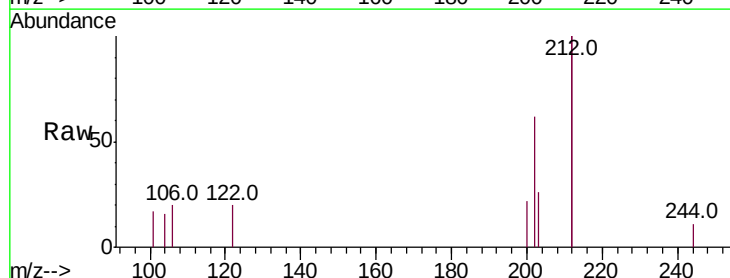
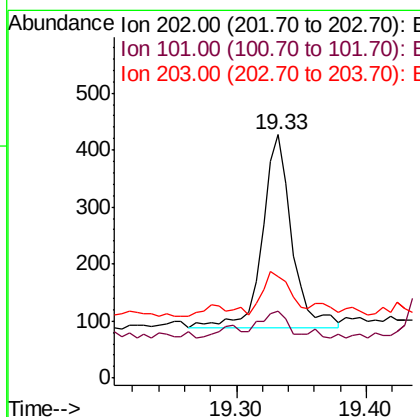
RT: 19.33 min Scan# 1437

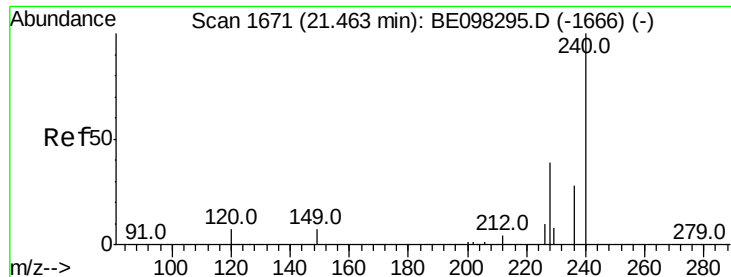
Delta R.T. -0.00 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion:	202	Resp:	537
Ion Ratio	Lower	Upper	
202	100		
101	12.8	8.0	12.0#
203	20.5	13.8	20.6





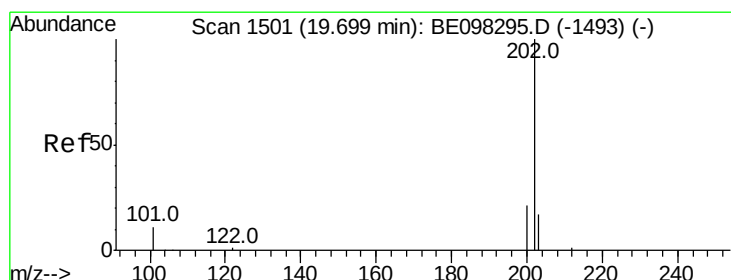
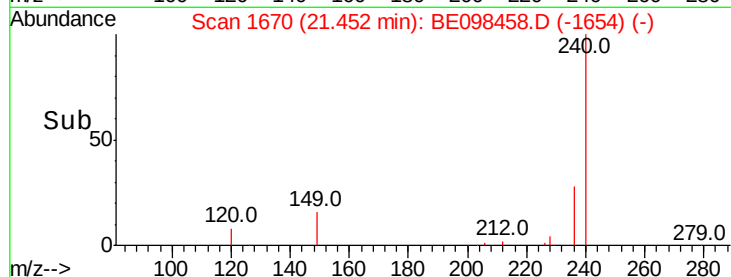
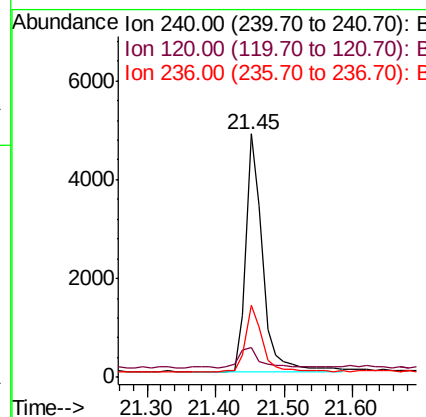
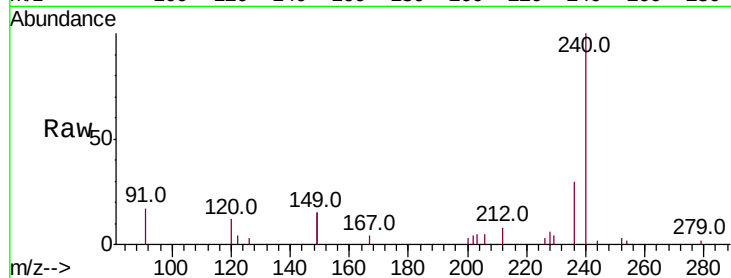
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098458.D
Acq: 15 Dec 2018 6:10

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW01-20181210

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	29.7	22.7	34.1

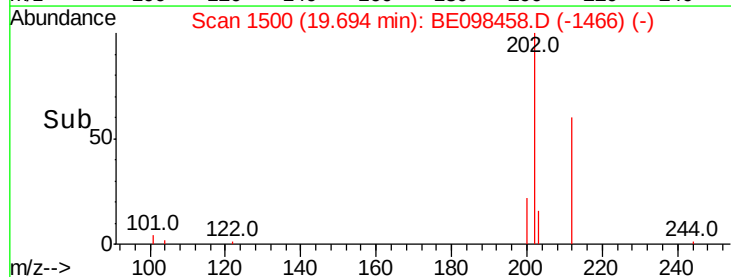
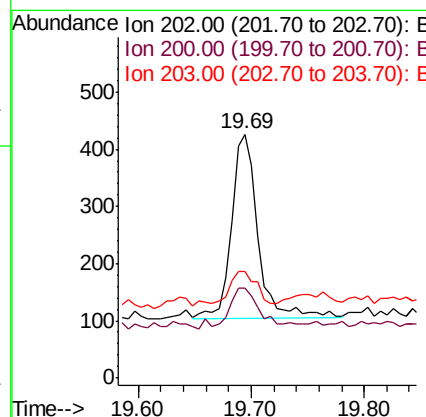
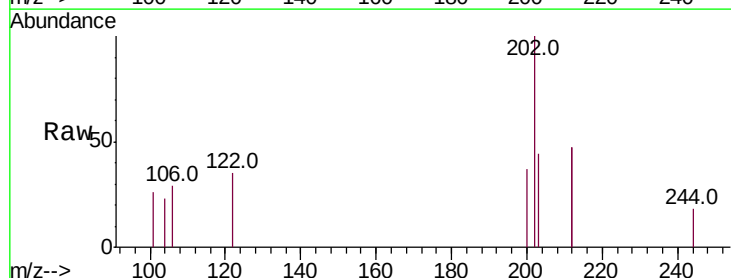
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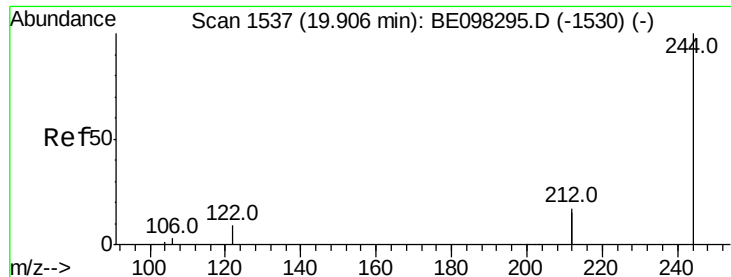
Sohil
12/17/2018 4:10:16 PM



#28
Pyrene
Concen: 0.021 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098458.D
Acq: 15 Dec 2018 6:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.4	16.7	25.1#
203	18.1	14.1	21.1





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

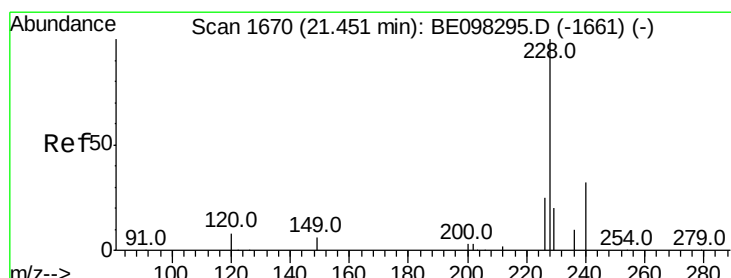
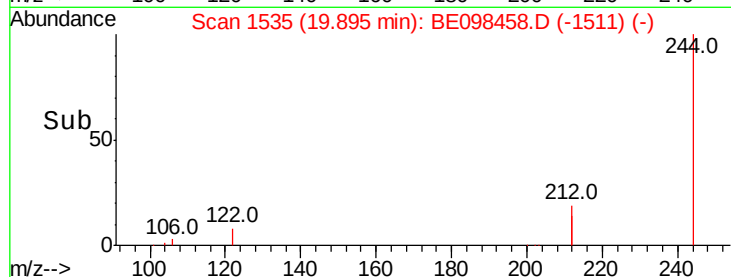
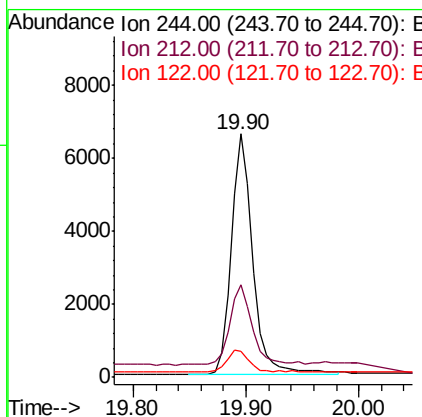
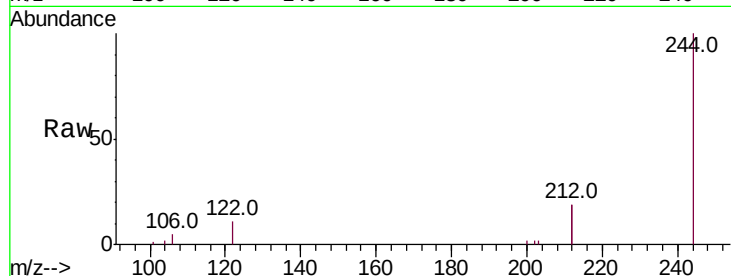
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	244	Resp:	8872
Ion Ratio	Lower	Upper	
244	100		
212	38.1	27.4	41.0
122	10.5	8.3	12.5

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#30

Benzo(a)anthracene

Concen: 0.028 ng

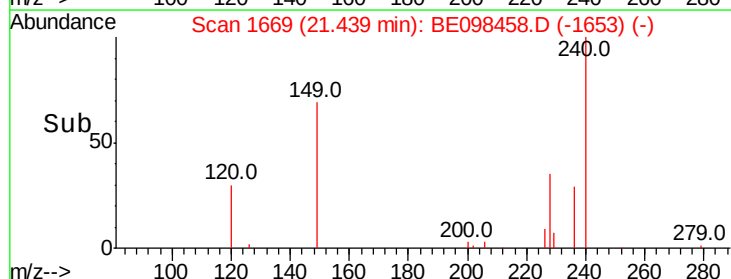
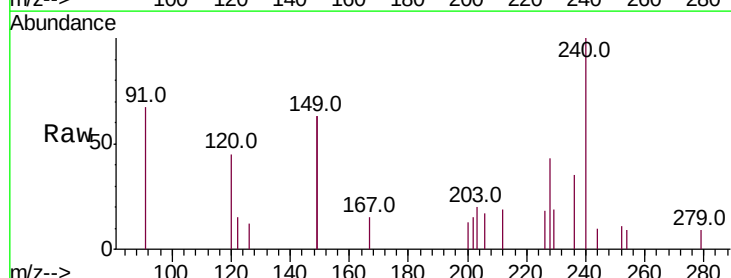
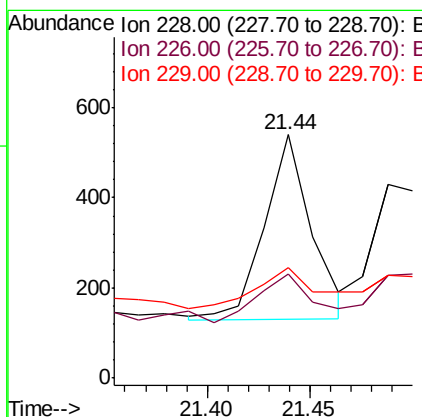
RT: 21.44 min Scan# 1669

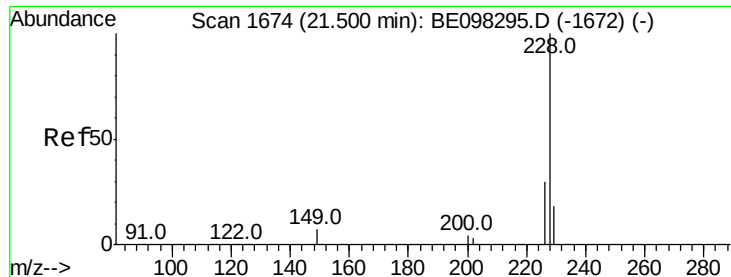
Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion:	228	Resp:	650
Ion Ratio	Lower	Upper	
228	100		
226	42.8	21.8	32.8#
229	45.2	16.3	24.5#





#31

Chrysene

Concen: 0.024 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

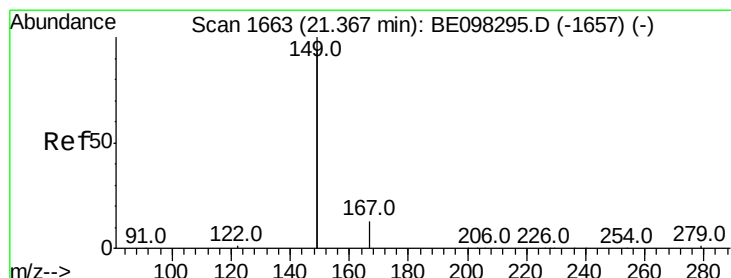
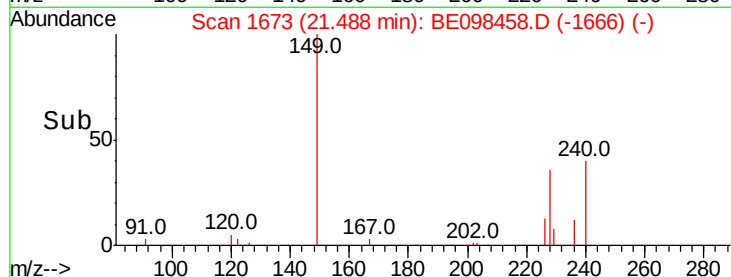
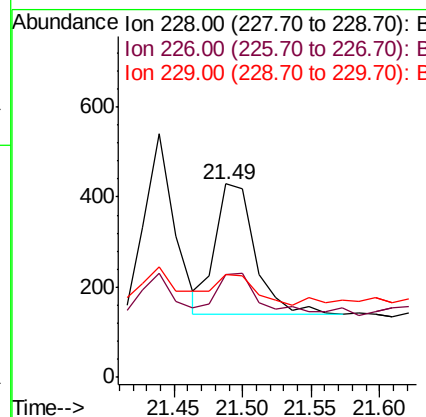
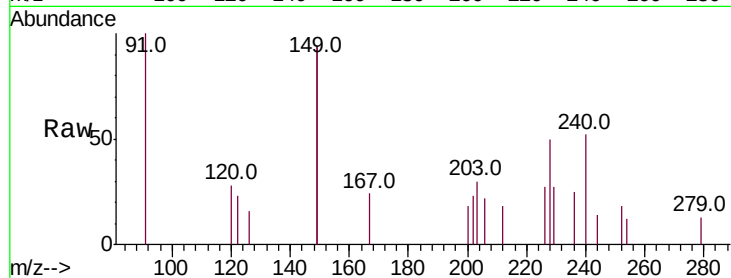
ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	228	Resp:	578
Ion Ratio	Lower	Upper	
228	100		
226	53.1	23.4	35.0#
229	53.1	16.2	24.4#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

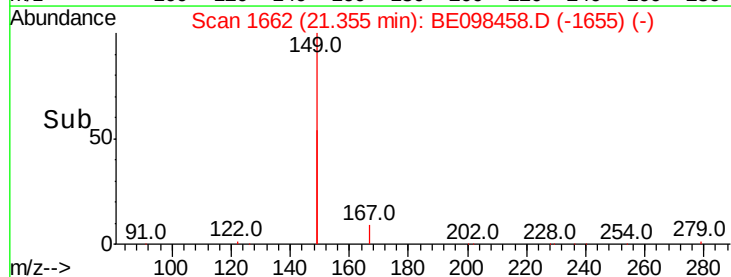
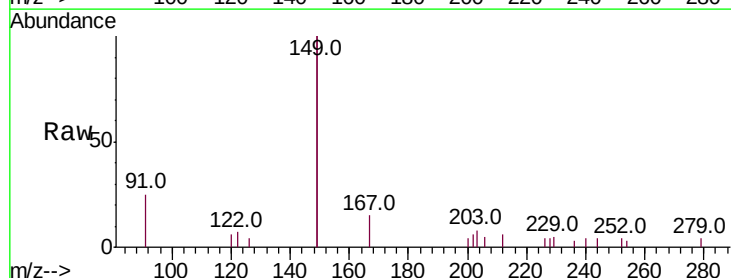
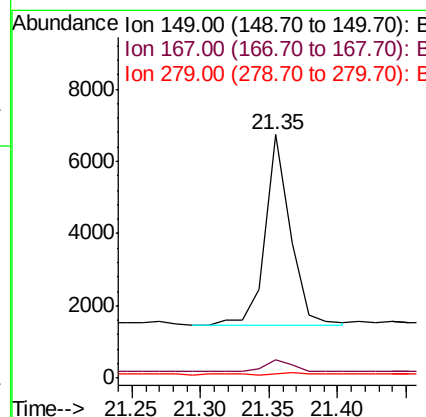
RT: 21.35 min Scan# 1662

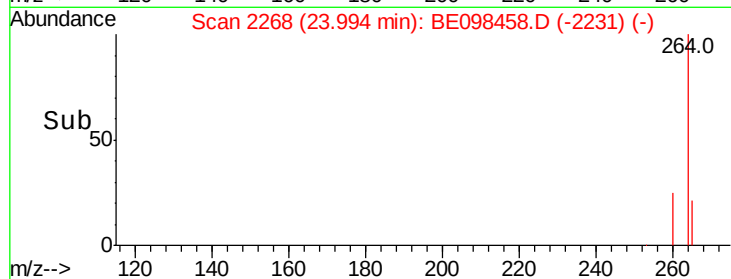
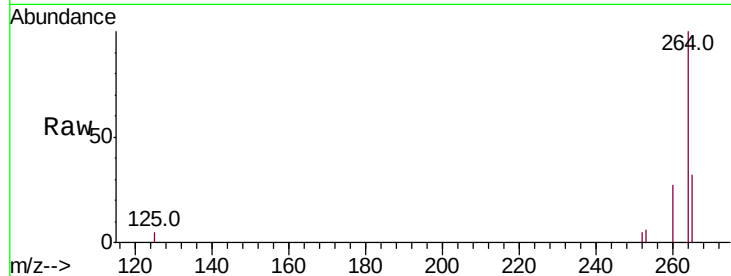
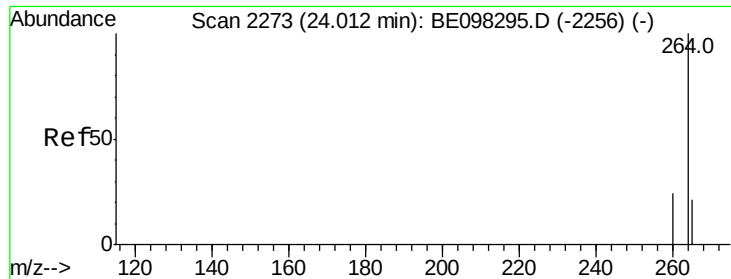
Delta R.T. -0.01 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Tgt Ion:	149	Resp:	6651
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.7	8.5
279	2.4	1.0	1.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098458.D

Acq: 15 Dec 2018 6:10

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20181210

Tot Ion:	264	Resp:	8066
Ion Ratio	Lower	Upper	
264	100		
260	27.0	20.2	30.2
265	31.6	25.2	37.8

Manual Integrations
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