

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097602.D
 Acq On : 21 Sep 2018 9:14
 Operator : SJ/JU
 Sample : J4980-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20180916

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:09:55 PM

Quant Time: Sep 21 13:37:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	603	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2779	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1911	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6248	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7903	0.40	ng	0.00
34) Perylene-d12	23.21	264	7649	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	266	0.15	ng	0.00
5) Phenol-d6	6.70	99	134m	0.06	ng	0.09
8) Nitrobenzene-d5	8.58	82	569	0.27	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1558	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	292	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	2825	0.42	ng	0.01
25) Fluoranthene-d10	18.80	212	31011	0.39	ng	0.00
29) Terphenyl-d14	19.41	244	6976	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	440	0.431	ng	97
32) Bis(2-ethylhexyl)phthalate	20.89	149	1563	0.057	ng	# 99

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

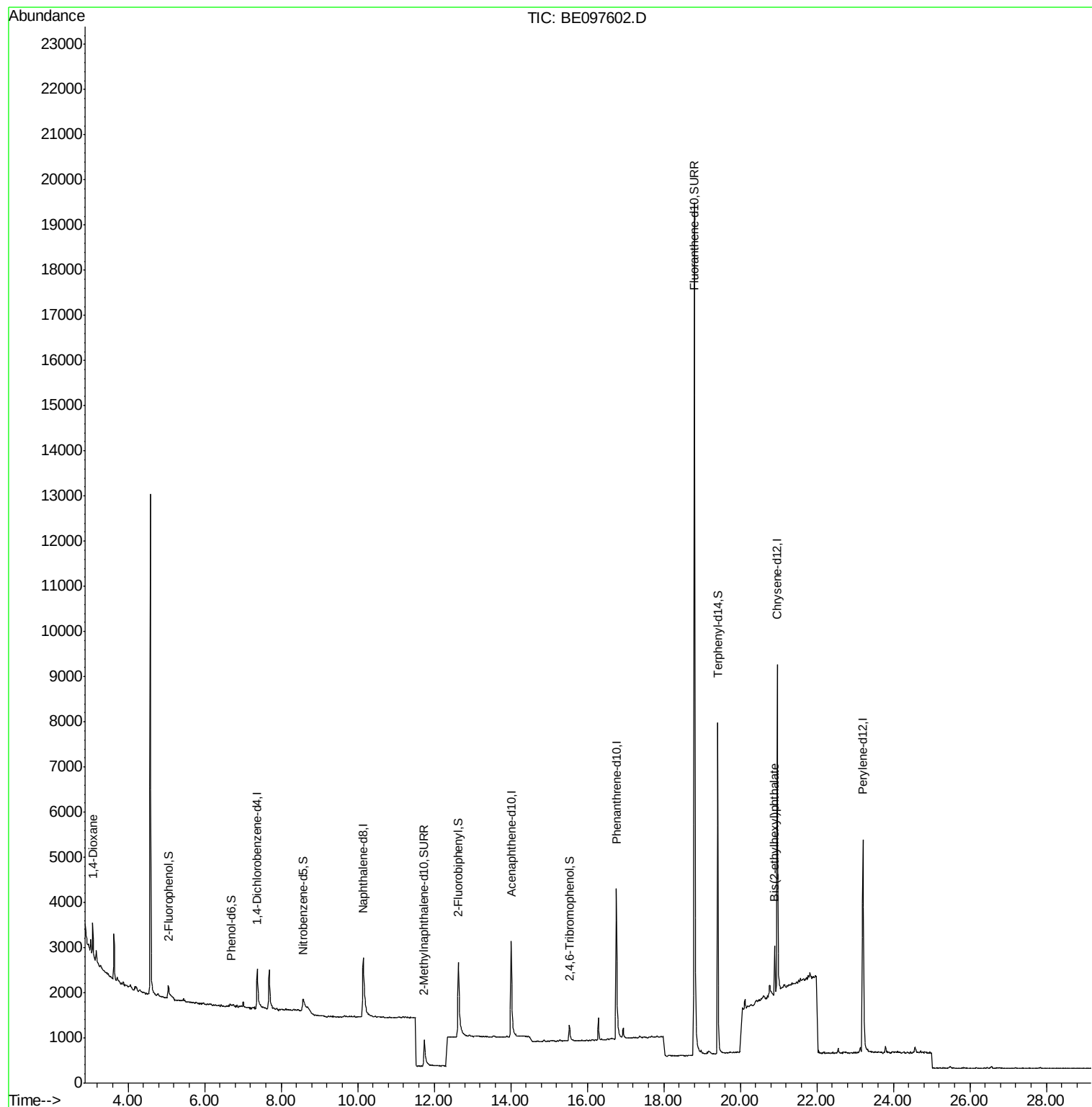
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097602.D
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ALS Vial : 30 Sample Multiplier: 1

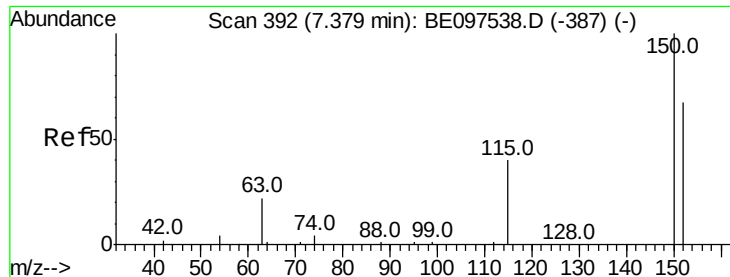
Instrument :
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BP-FW-MW03-20180916

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9/21/2018 4:09:55 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration





#1

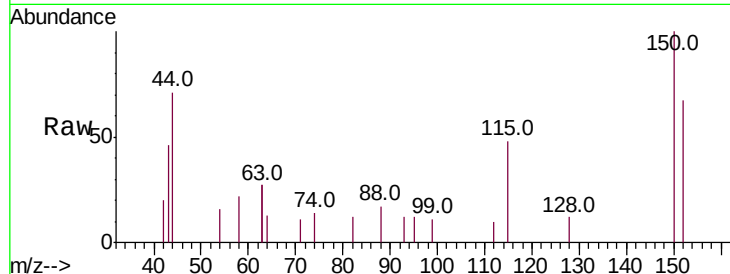
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW03-20180916

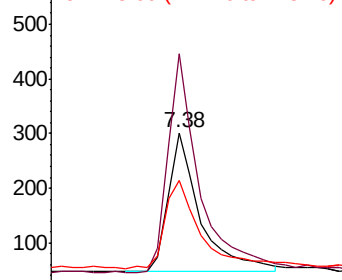
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	117.2	175.8
115	71.1	57.0	85.6

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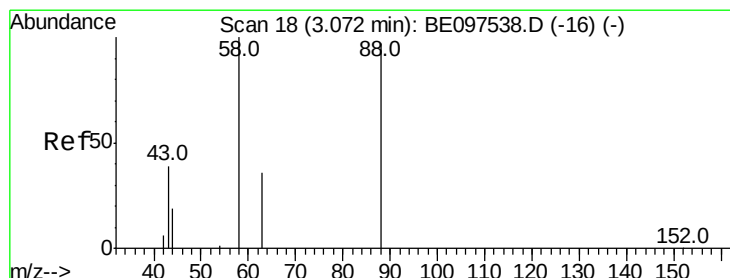
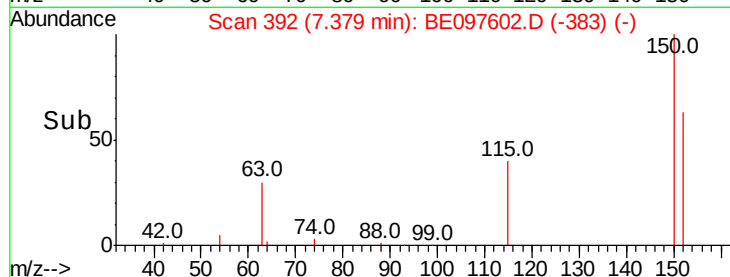
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



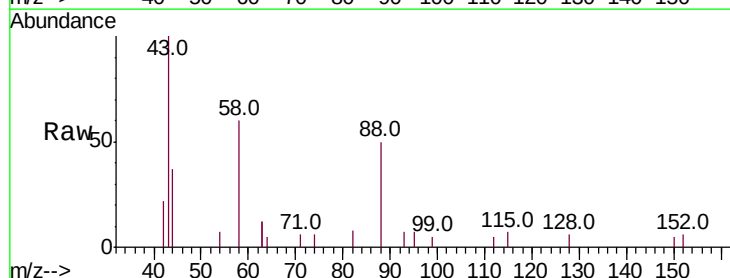
Time-->



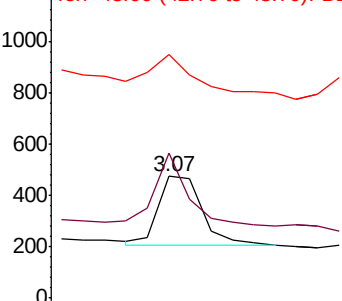
#2

1,4-Dioxane
Concen: 0.431 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

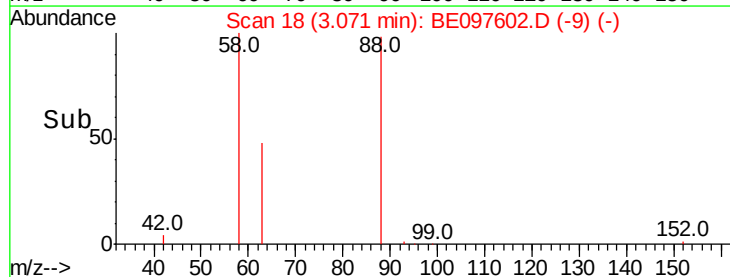
Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	63.2	94.8
43	50.9	41.2	61.8

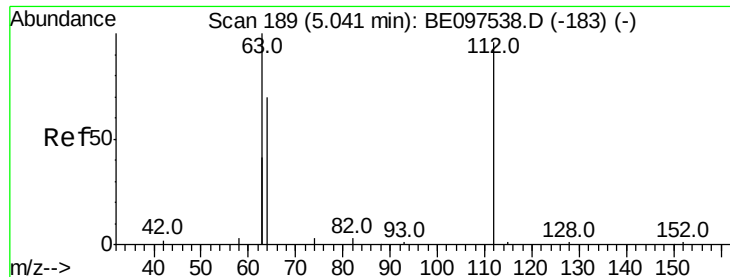


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

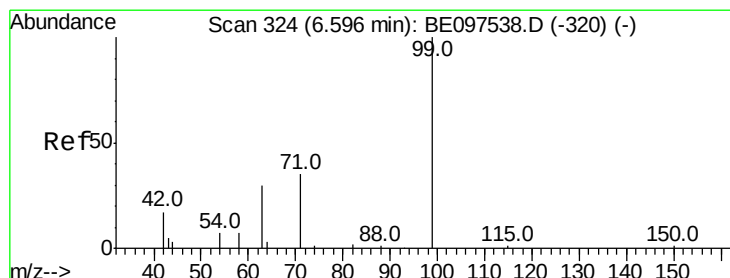
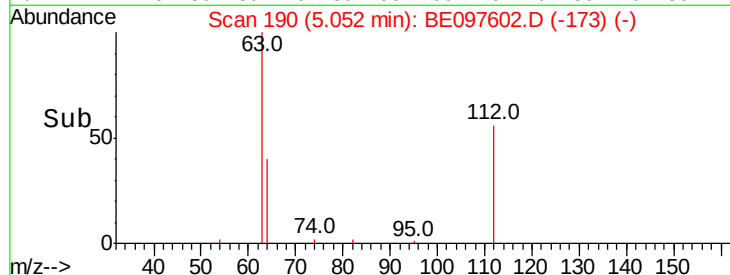
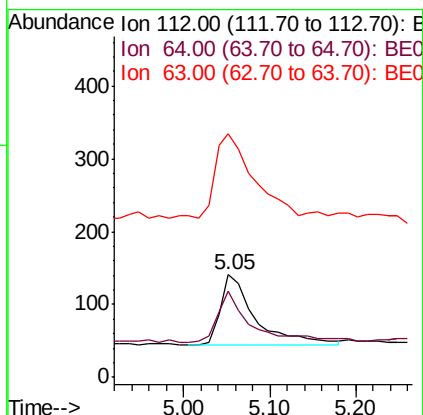
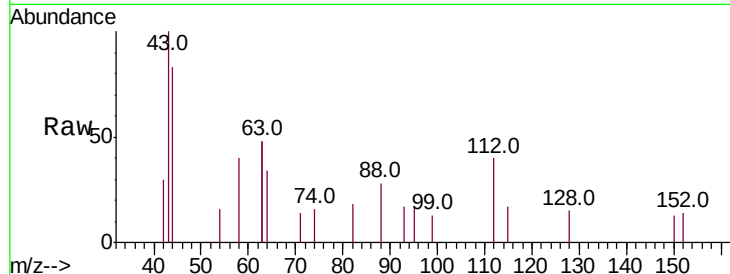
ClientSampleId :

BP-FW-MW03-20180916

Tot Ion:	112	Resp:	266
Ion Ratio	Lower	Upper	
112	100		
64	73.3	60.1	90.1
63	139.1	116.8	175.2

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#5

Phenol-d6

Concen: 0.058 ng m

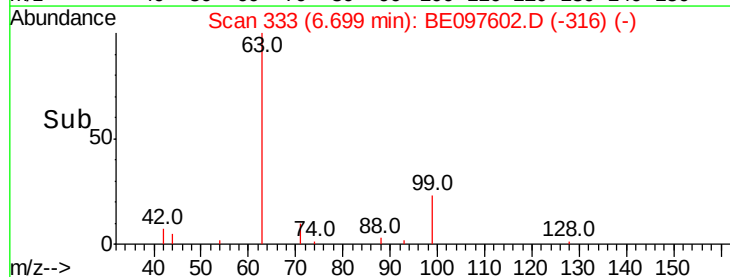
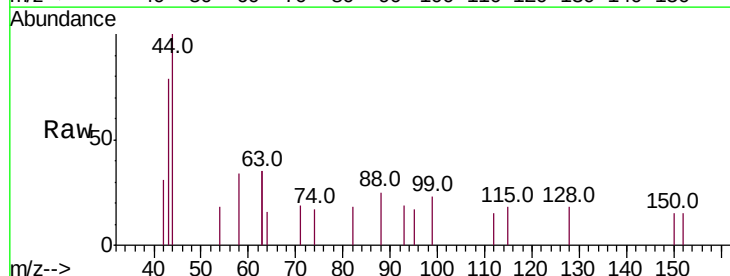
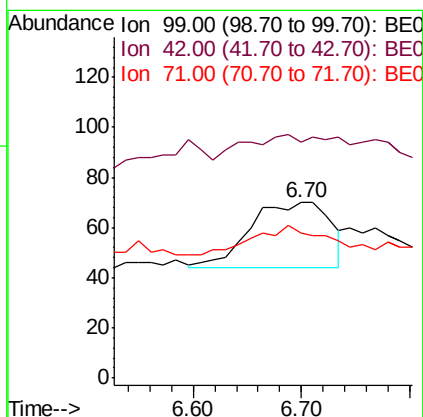
RT: 6.70 min Scan# 333

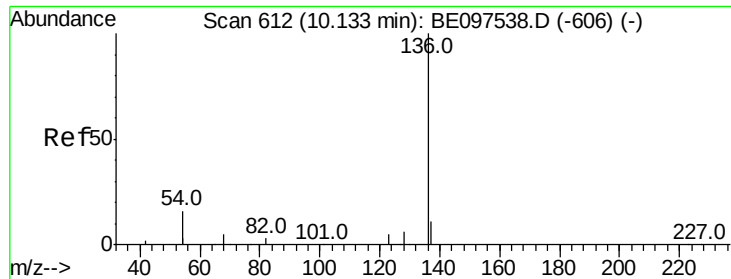
Delta R.T. 0.09 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Tgt Ion:	99	Resp:	134
Ion Ratio	Lower	Upper	
99	100		
42	17.2	20.2	30.2#
71	0.0	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

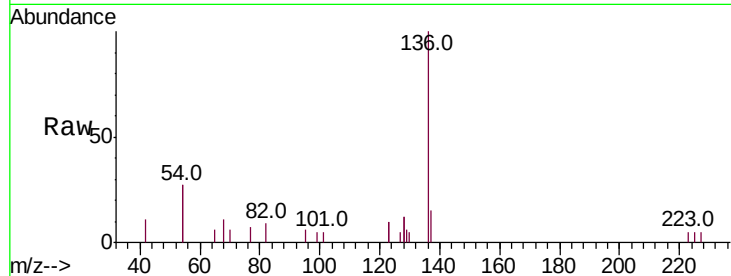
BP-FW-MW03-20180916

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.5	14.3#
54	53.4	29.1	43.7#
68	11.1	6.2	9.2#

Manual Integrations
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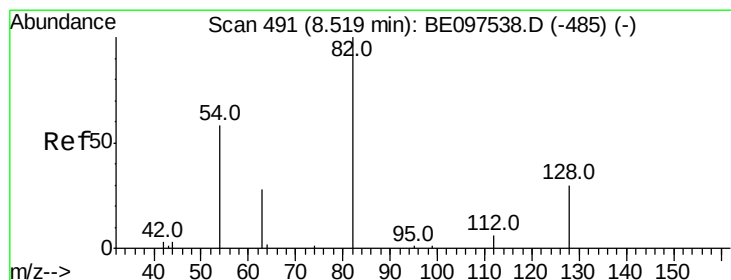
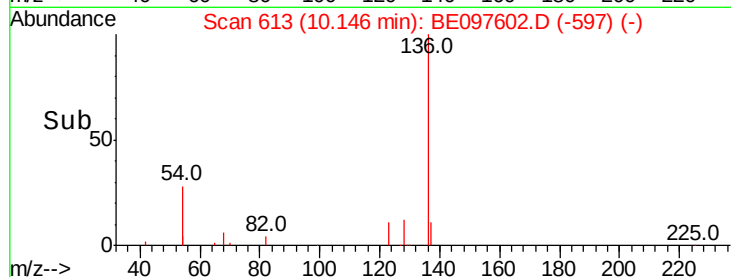
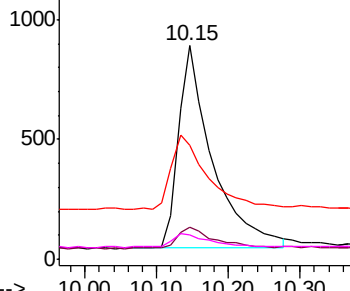


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.265 ng

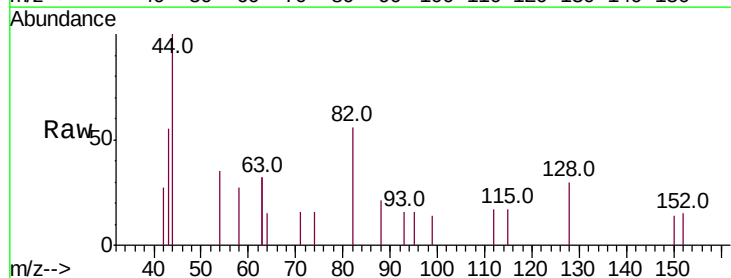
RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

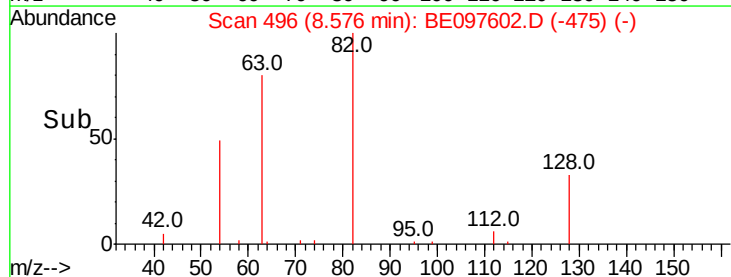
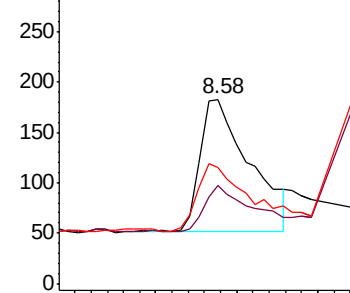
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.0	24.0	36.0#
54	62.8	40.0	60.0#

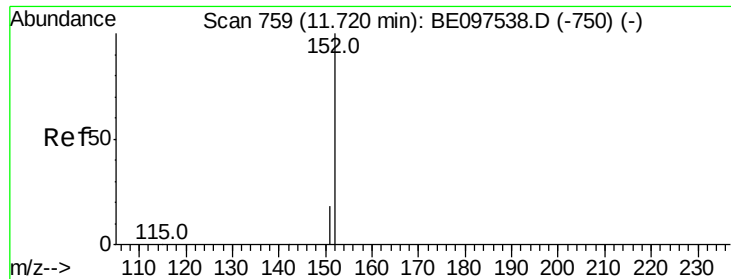


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





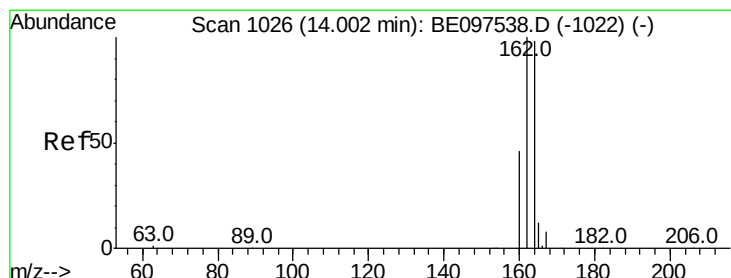
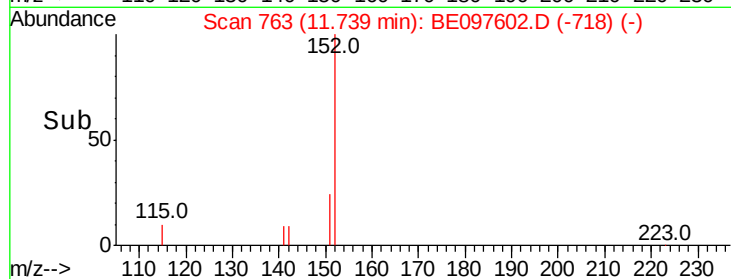
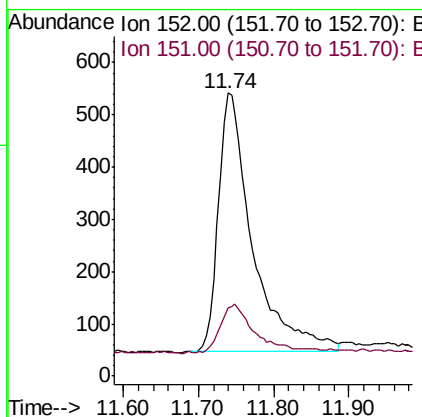
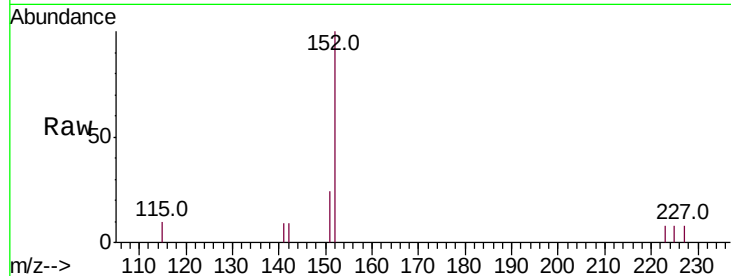
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW03-20180916

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

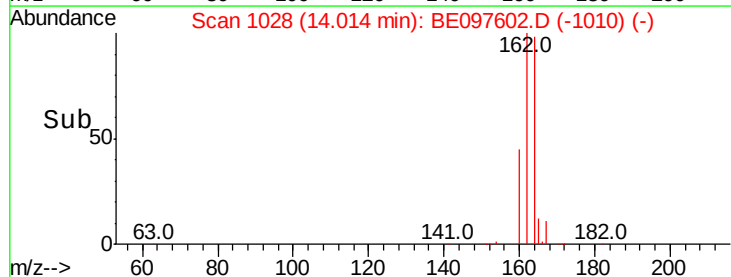
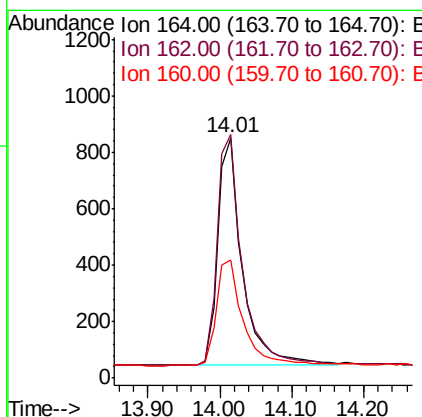
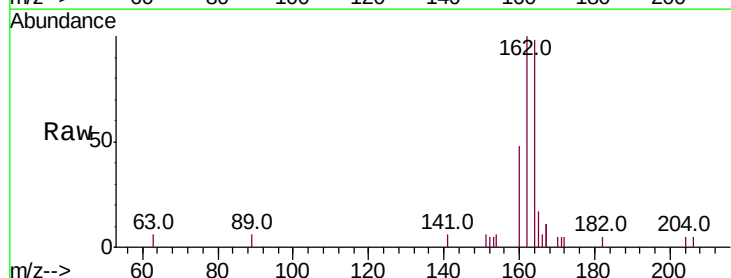
Manual Integrations
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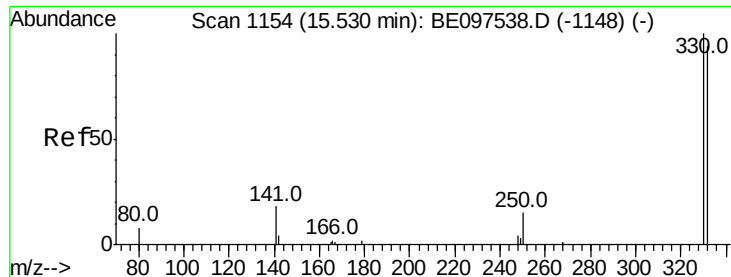
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.1	124.7
160	49.1	37.1	55.7





#14

2,4,6-Tribromophenol

Concen: 0.407 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

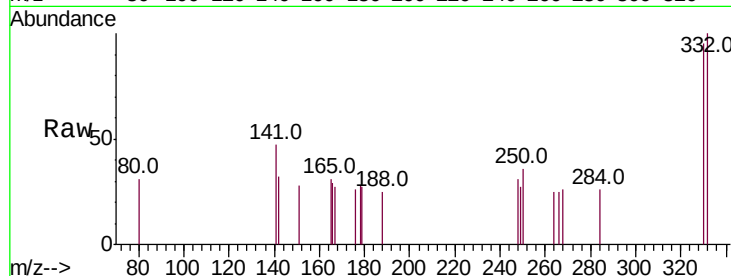
BP-FW-MW03-20180916

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	152.7	229.1#
141	36.3	33.7	50.5

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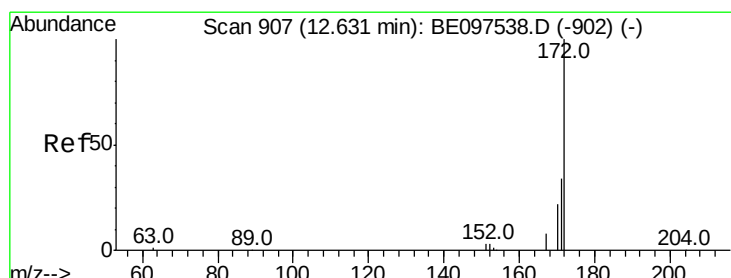
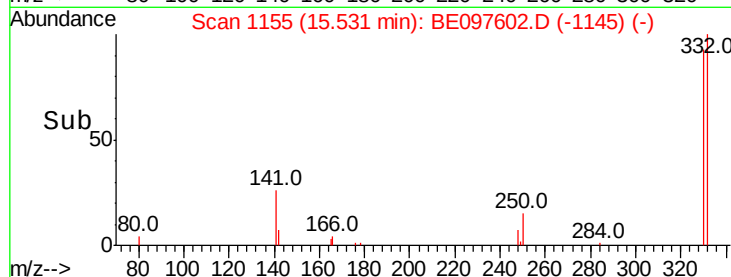
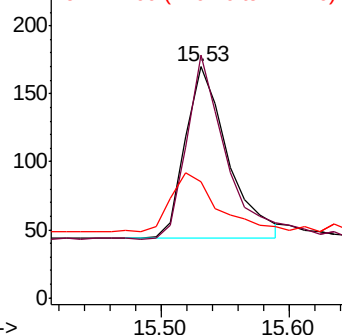


Abundance

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: 0.418 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

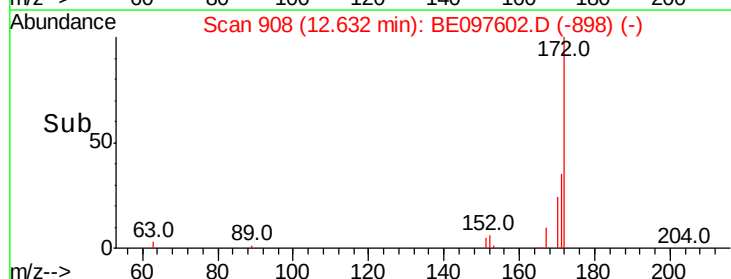
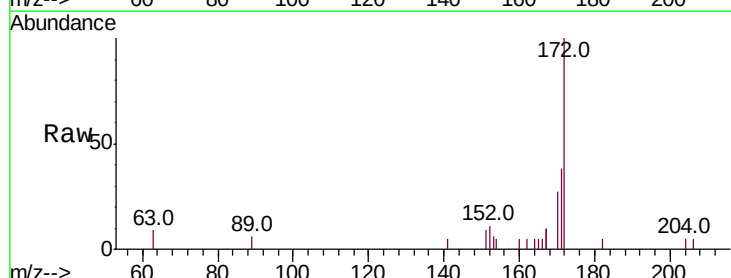
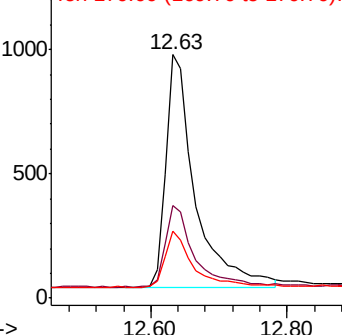
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.9	44.9
170	27.4	21.8	32.8

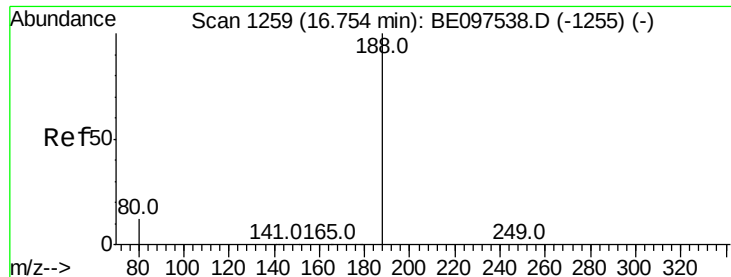
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





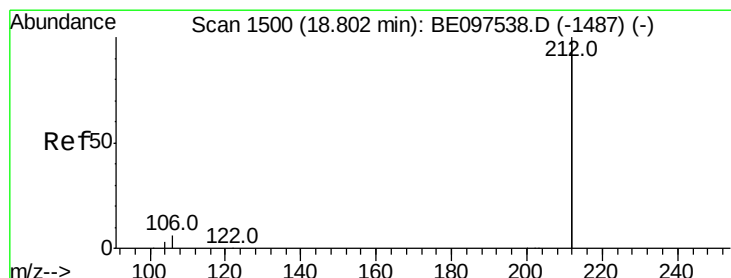
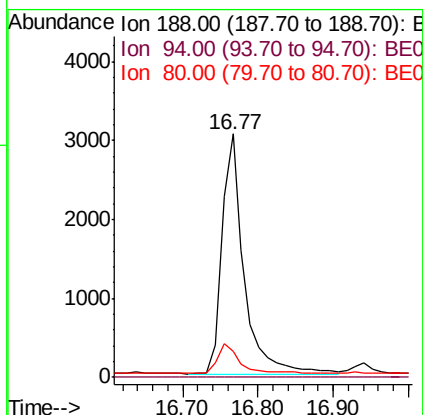
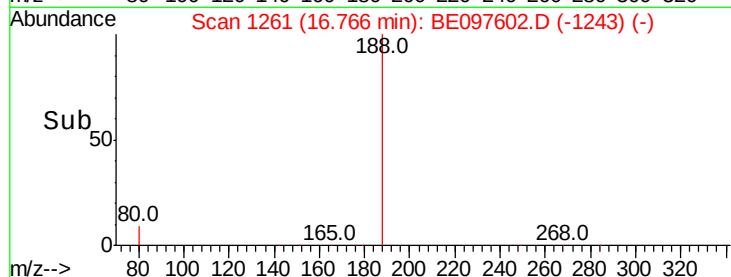
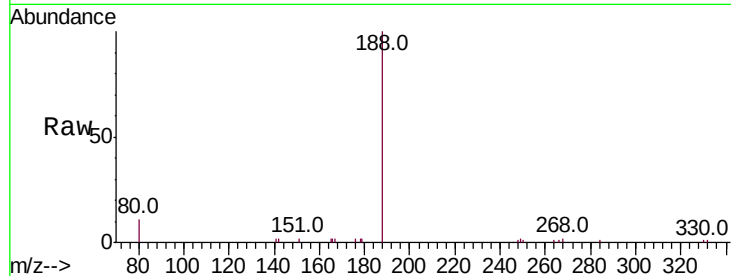
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW03-20180916

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.5	3.6	5.4#

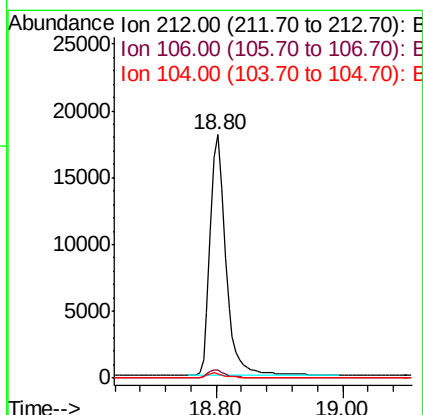
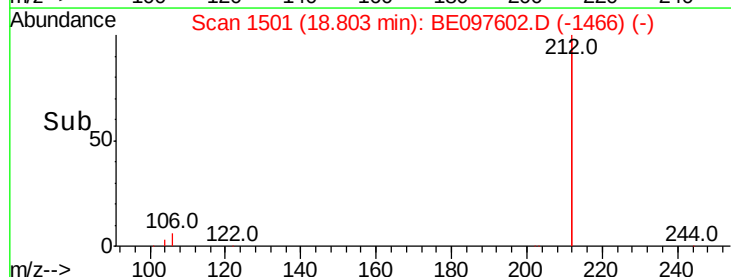
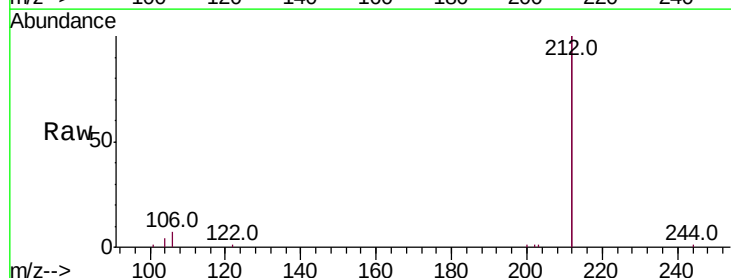
Manual Integrations
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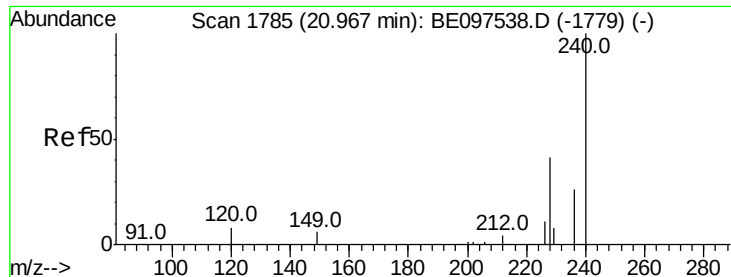
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#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4





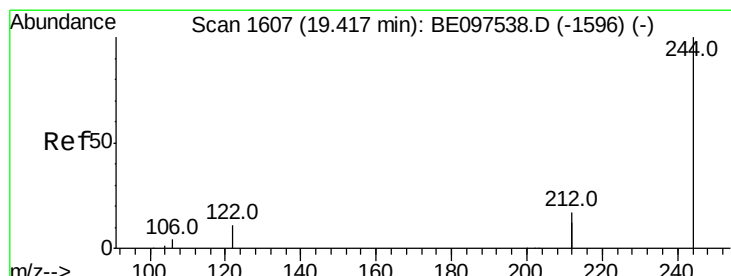
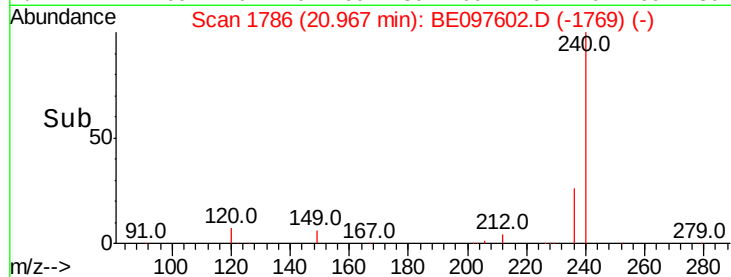
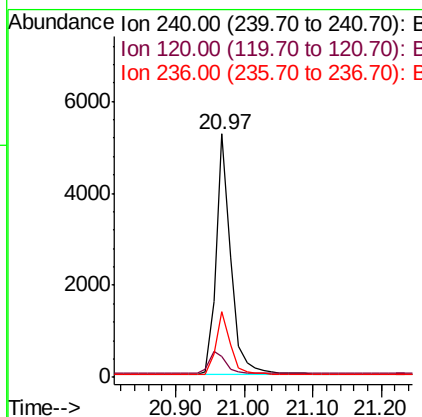
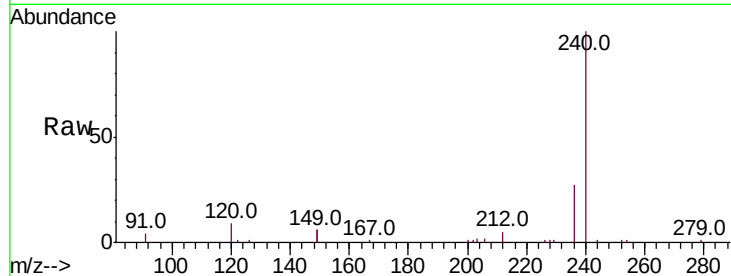
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20180916

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.5	8.3#
236	27.2	20.7	31.1

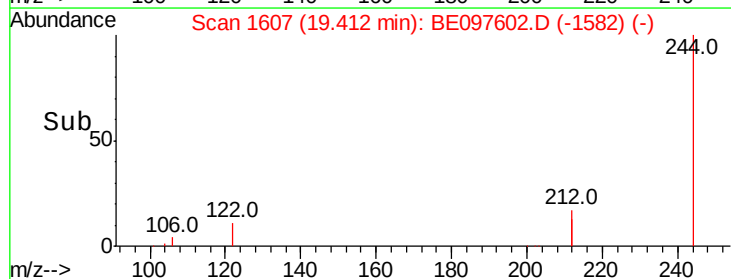
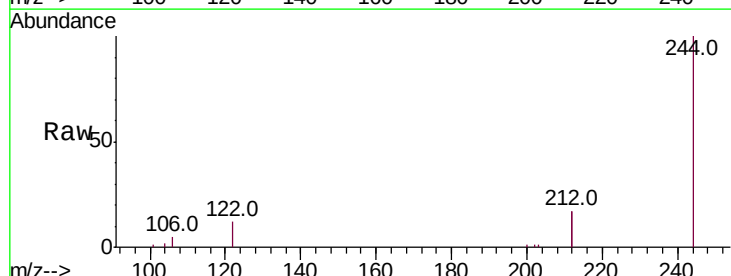
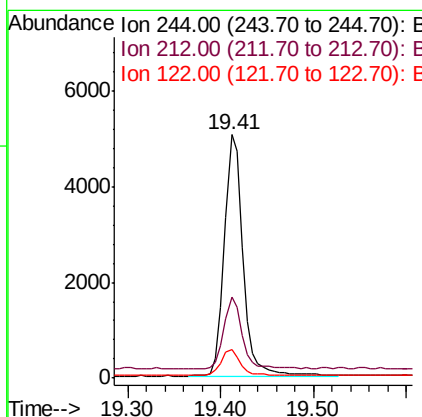
Manual Integrations
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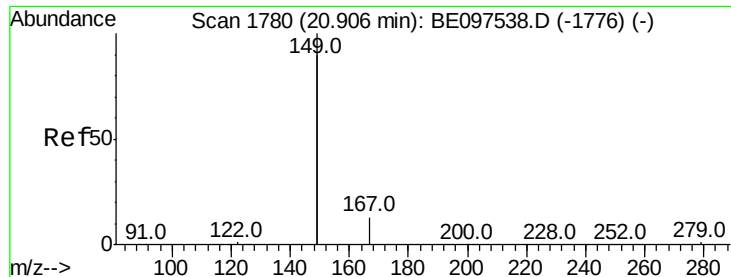
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#29
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.2	25.4	38.0
122	11.9	8.1	12.1





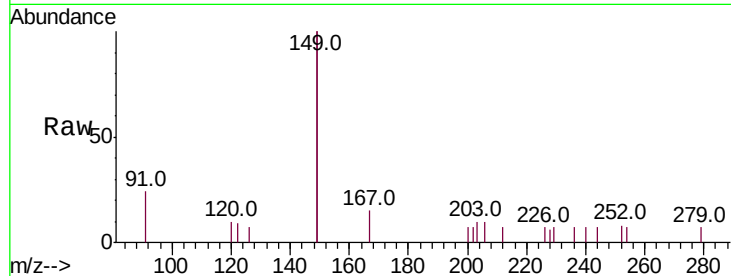
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20180916

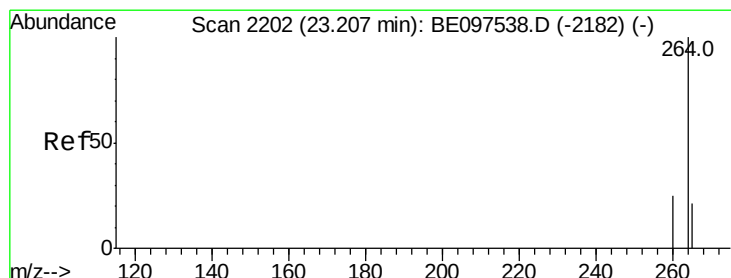
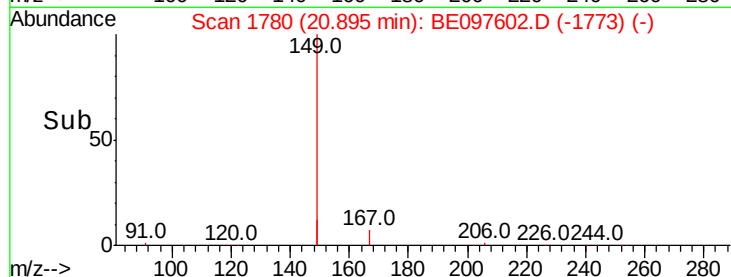
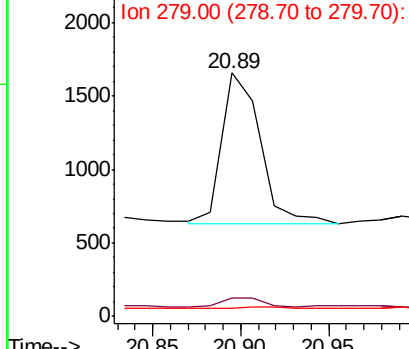
Tot Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.6	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:09:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	28.5	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

