

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097603.D
 Acq On : 21 Sep 2018 9:52
 Operator : SJ/JU
 Sample : J4892-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-091118

Manual Integrations
 APPROVED

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Quant Time: Sep 21 13:39:29 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	7.37	152	871	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4104	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2949	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	9849	0.40	ng	0.00
27) Chrysene-d12	20.97	240	12197	0.40	ng	0.00
34) Perylene-d12	23.20	264	11971	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	536	0.21	ng	0.00
5) Phenol-d6	6.61	99	457m	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	1204	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2610	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	720	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.61	172	4863	0.47	ng	-0.01
25) Fluoranthene-d10	18.80	212	56666	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	13102	0.59	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.42	266	45	0.150	ng	Qvalue 91
26) Fluoranthene	18.83	202	807	0.025	ng	# 87
28) Pyrene	19.19	202	700	0.025	ng	# 97
32) Bis(2-ethylhexyl)phthalate	20.90	149	12415	0.251	ng	# 99
35) Benzo(b)fluoranthene	22.54	252	822	0.027	ng	# 40
37) Benzo(a)pyrene	23.10	252	459	0.035	ng	# 1

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

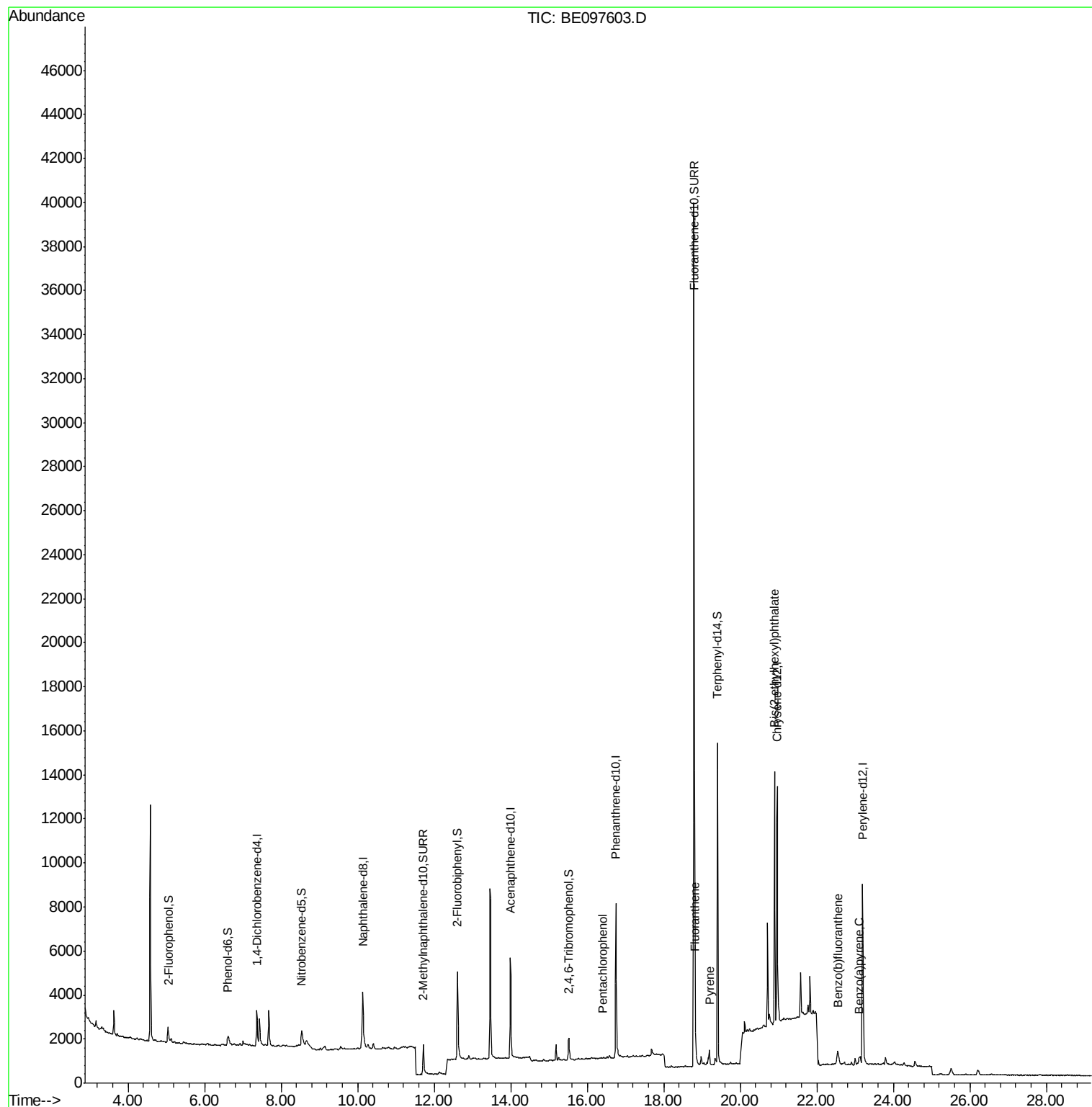
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
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QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.37 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

Instrument :

BNA_E

ClientSampleId :

C-MW-09-091118

Tot Ion:152 Resp: 871

Ion Ratio Lower Upper

152 100

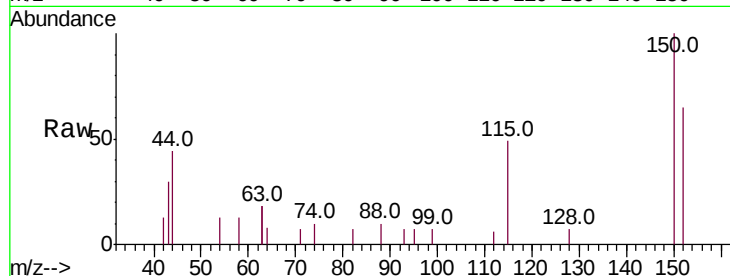
150 155.0 117.2 175.8

115 76.2 57.0 85.6

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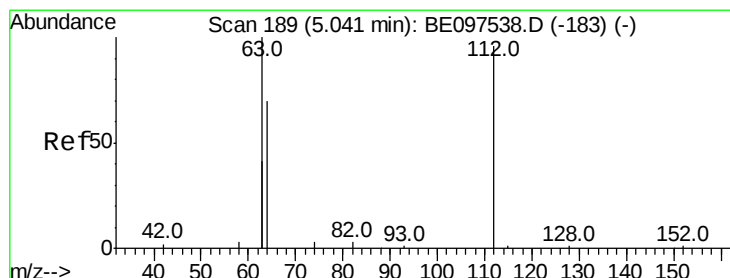
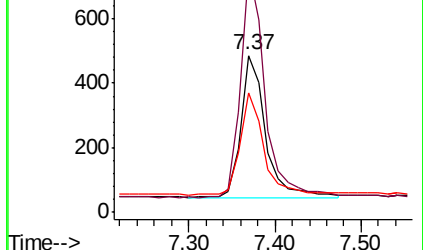
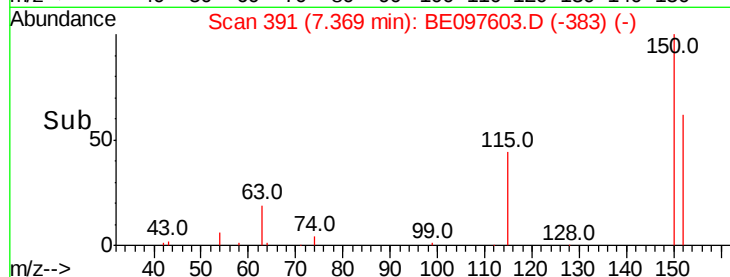
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.205 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

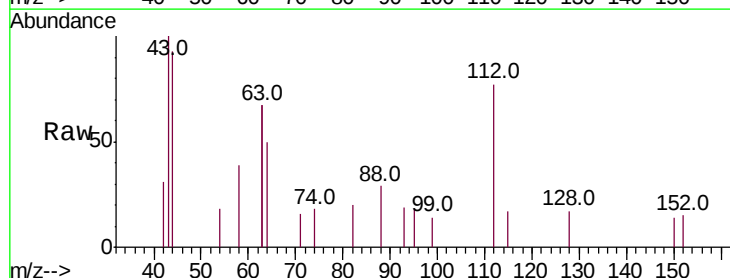
Tgt Ion:112 Resp: 536

Ion Ratio Lower Upper

112 100

64 69.4 60.1 90.1

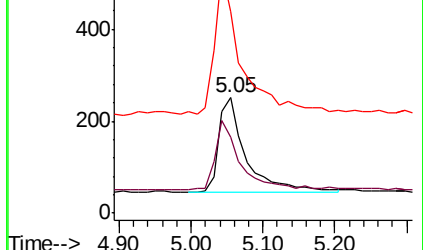
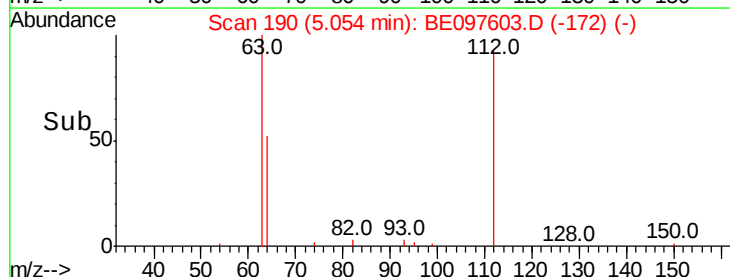
63 148.3 116.8 175.2

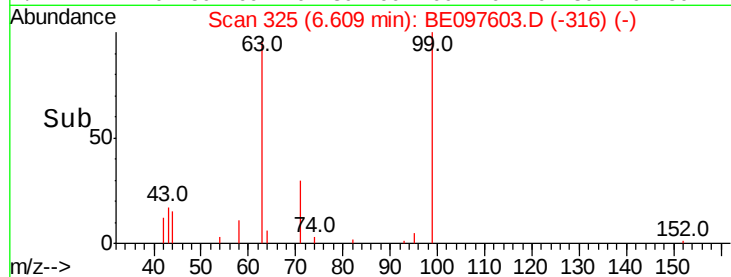
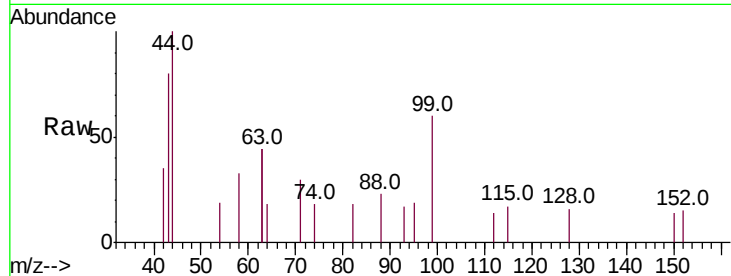
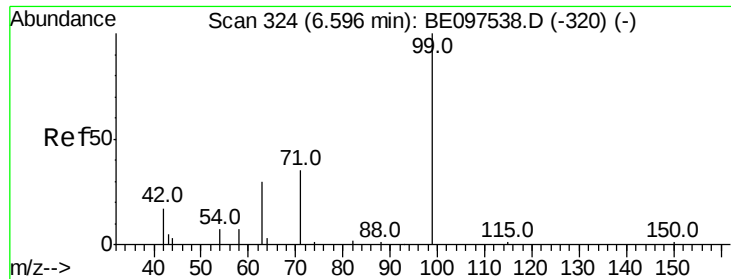


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.137 ng/ml

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

Tot Ion:	99	Resp:	457
Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.2	30.2#
71	37.9	28.4	42.6

Instrument :

BNA_E

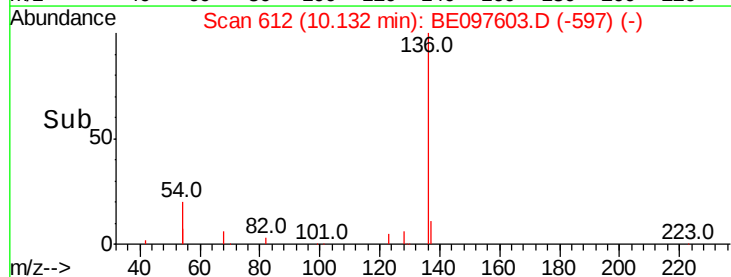
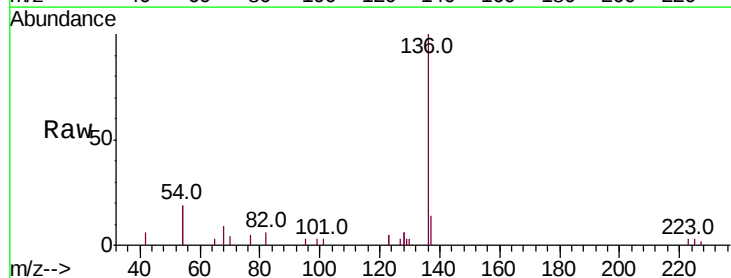
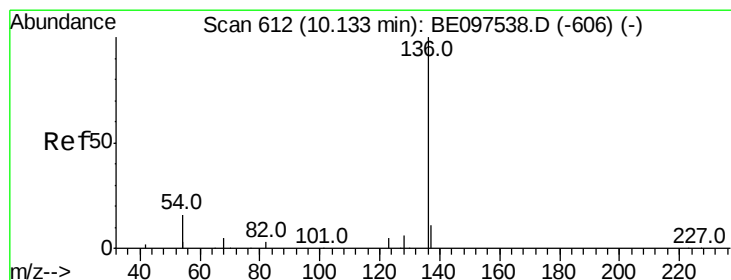
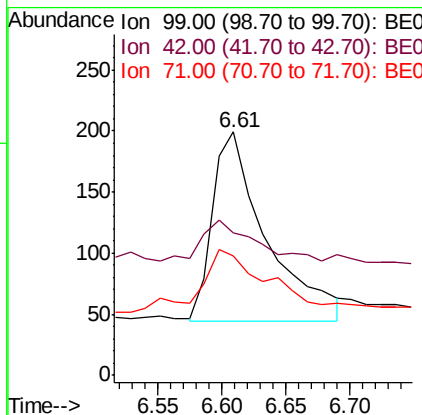
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#7

Naphthalene-d8

Concen: 0.400 ng/ml

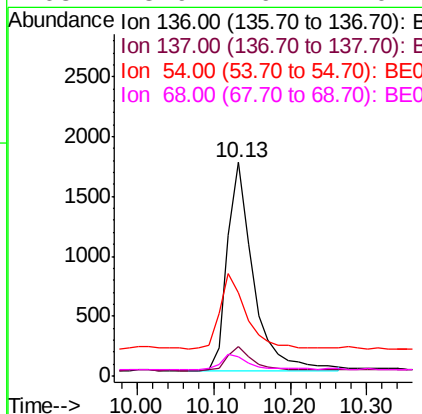
RT: 10.13 min Scan# 612

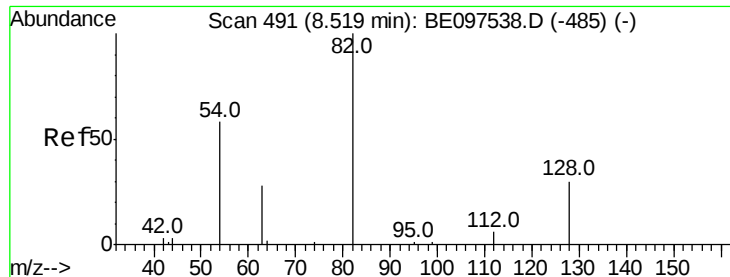
Delta R.T. -0.00 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

Tgt Ion:	136	Resp:	4104
Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	38.7	29.1	43.7
68	8.9	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

Instrument :

BNA_E

ClientSampleId :

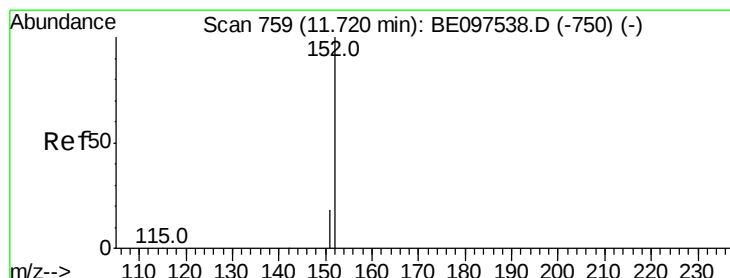
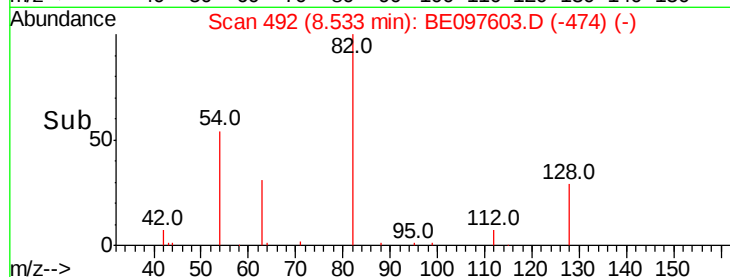
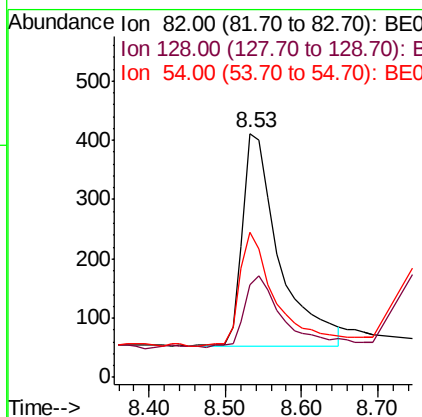
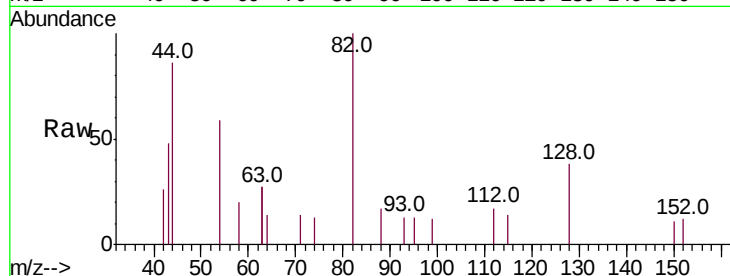
C-MW-09-091118

Tot Ion:	82	Resp:	1204
Ion Ratio	Lower	Upper	
82	100		
128	38.0	24.0	36.0#
54	59.4	40.0	60.0

Manual Integrations
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#11

2-Methylnaphthalene-d10

Concen: 0.461 ng

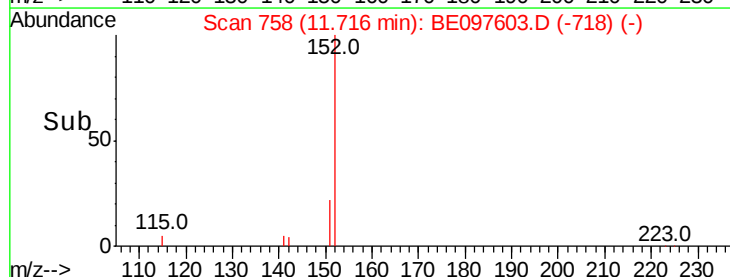
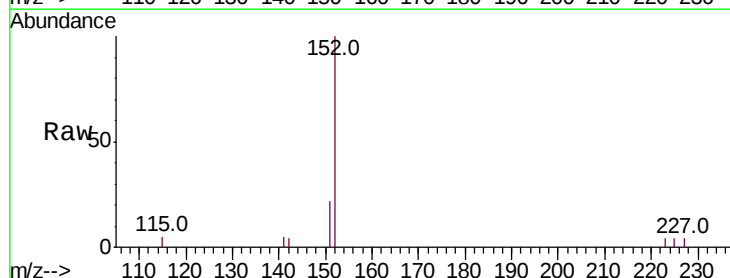
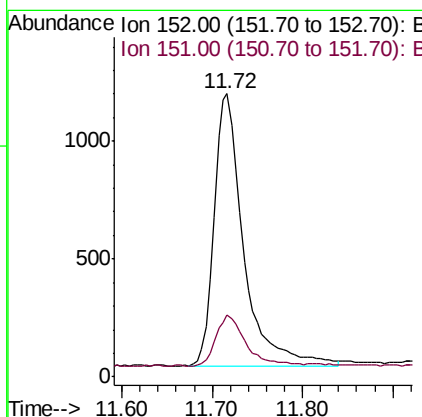
RT: 11.72 min Scan# 758

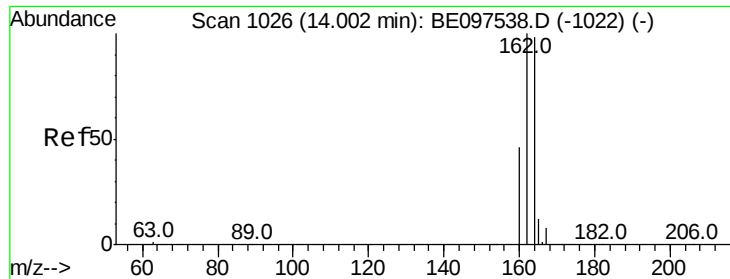
Delta R.T. 0.00 min

Lab File: BE097603.D

Acq: 21 Sep 2018 9:52

Tgt Ion:	152	Resp:	2610
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.4	23.0





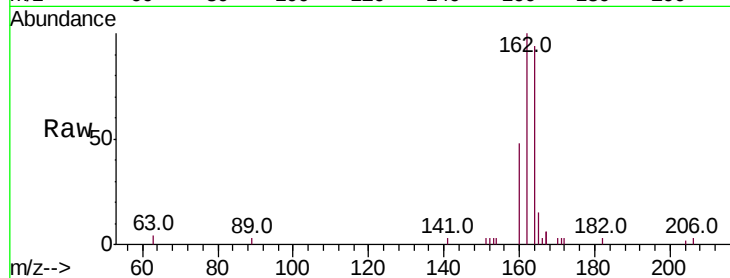
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Instrument :
BNA_E
ClientSampleId :
C-MW-09-091118

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.1	124.7
160	50.7	37.1	55.7

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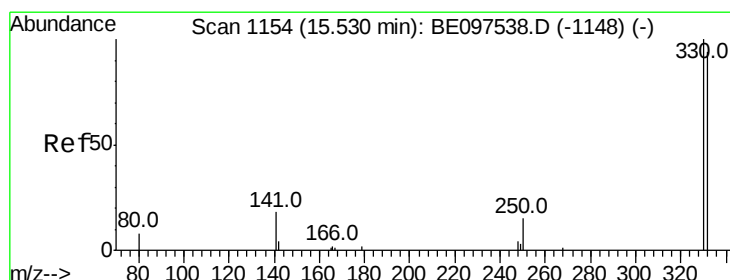
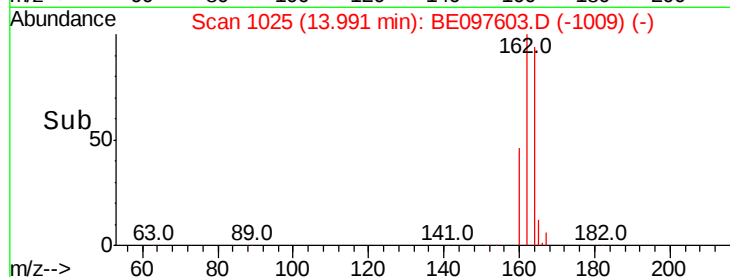
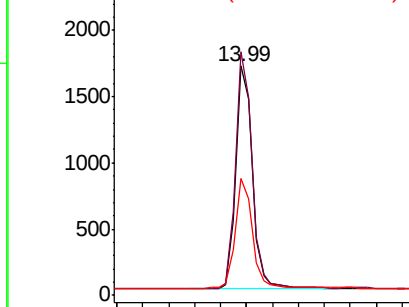


Abundance

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: 0.589 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

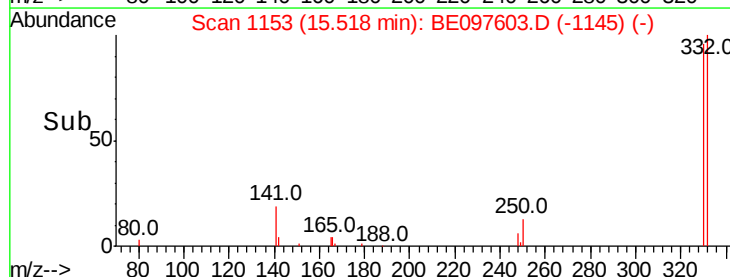
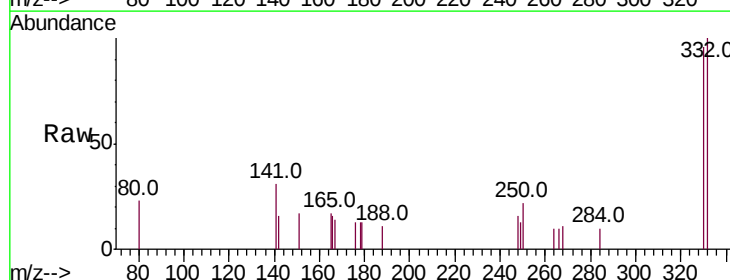
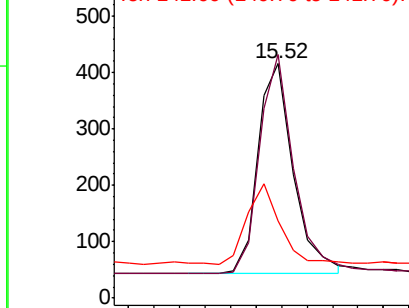
Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.5	152.7	229.1#
141	34.0	33.7	50.5

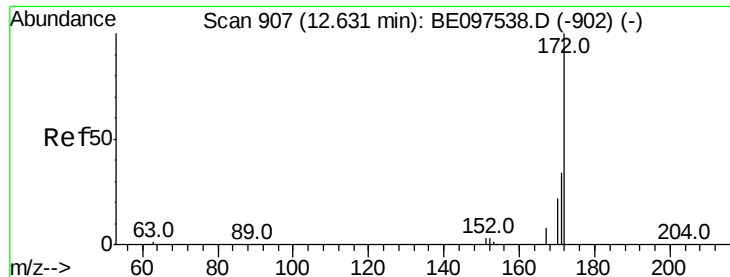
Abundance

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





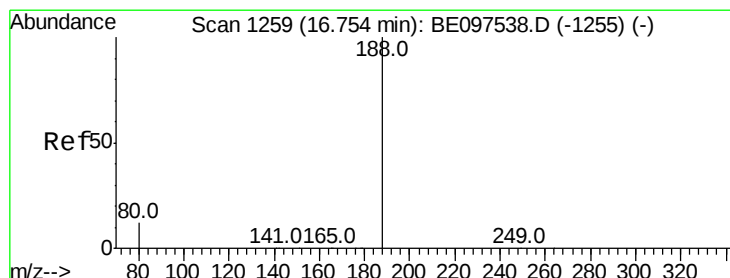
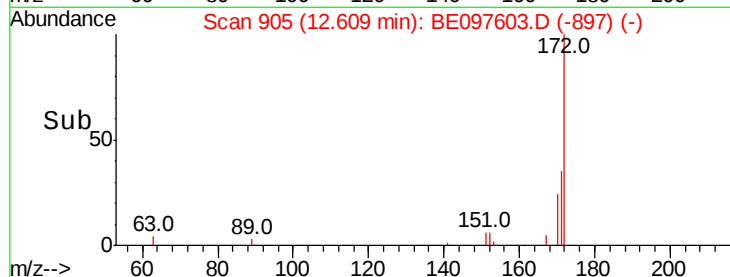
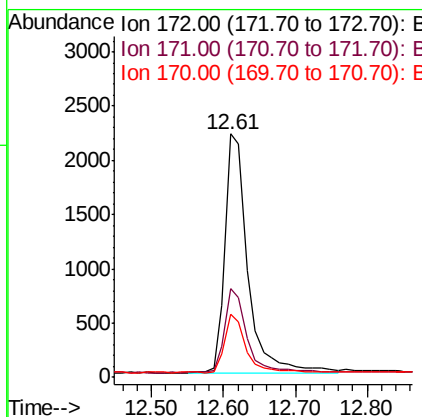
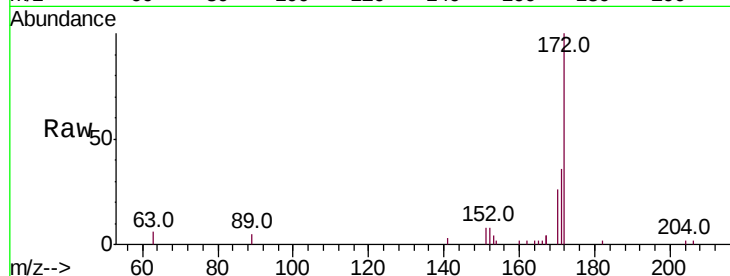
#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Instrument :
BNA_E
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	25.8	21.8	32.8

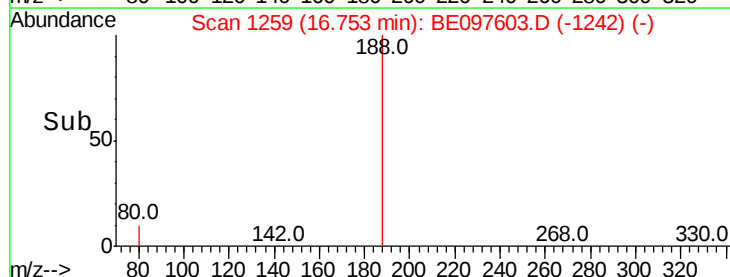
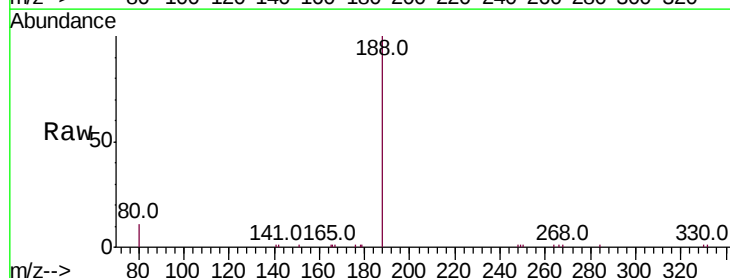
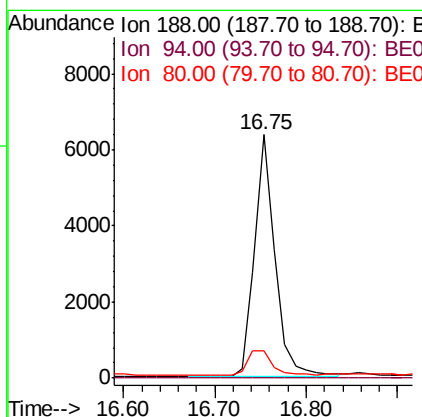
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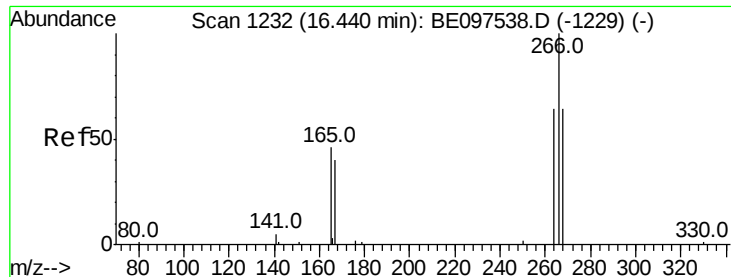
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.4	3.6	5.4#





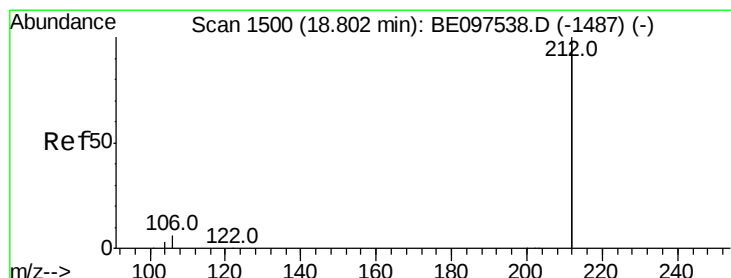
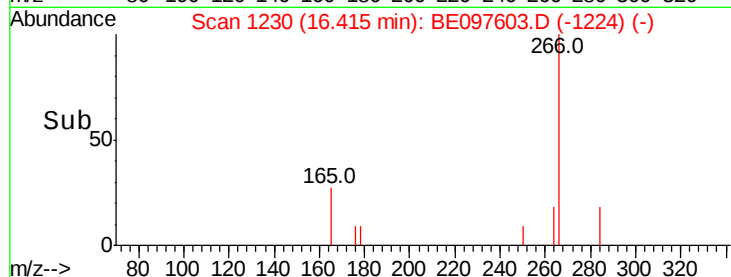
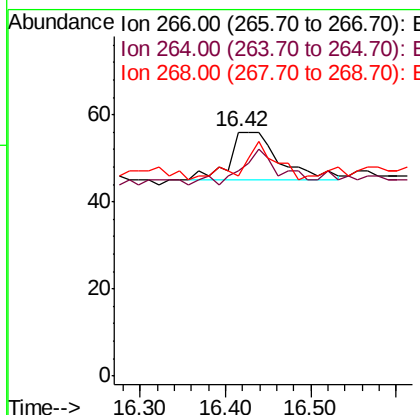
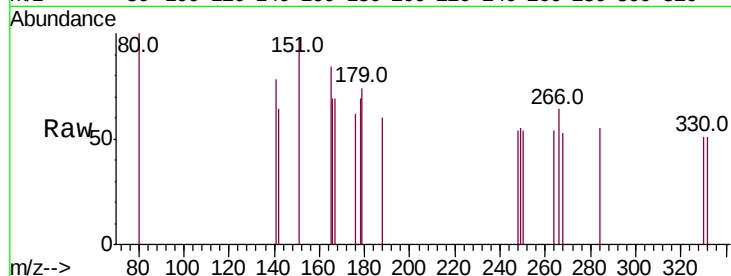
#22
 Pentachlorophenol
 Concen: 0.150 ng
 RT: 16.42 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BE097603.D
 Acq: 21 Sep 2018 9:52

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-091118

Tot Ion	Ratio	Lower	Upper
266	100		
264	83.9	72.5	108.7
268	82.1	73.8	110.6

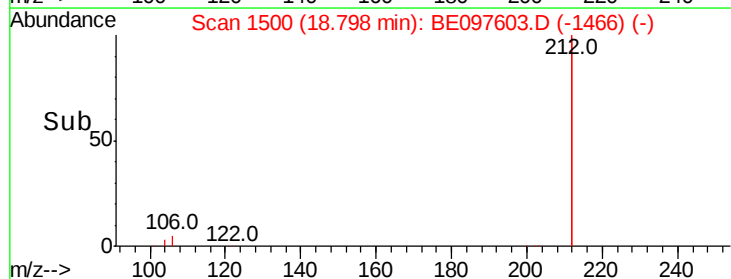
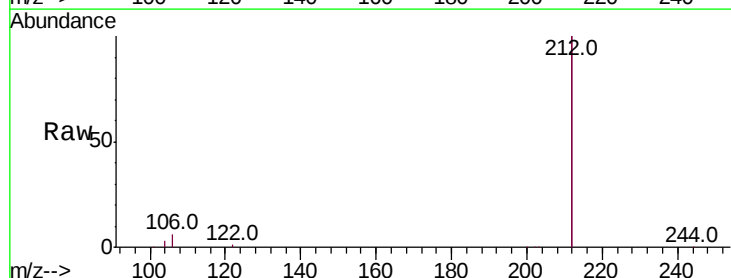
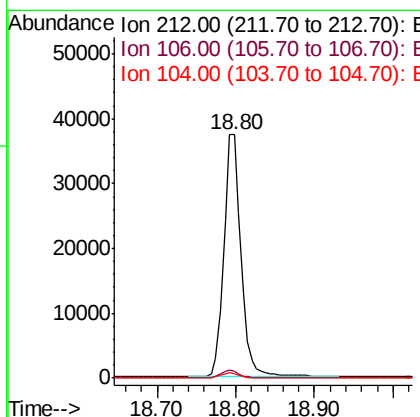
Manual Integrations
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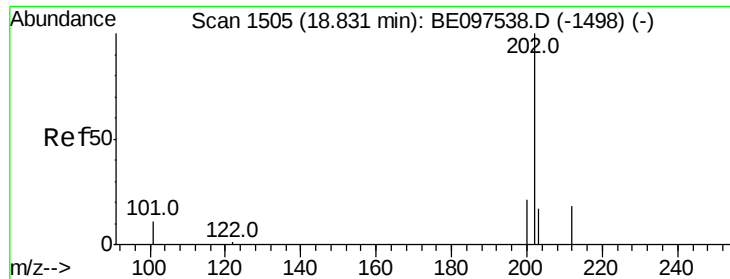
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#25
 Fluoranthene-d10
 Concen: 0.449 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097603.D
 Acq: 21 Sep 2018 9:52

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4





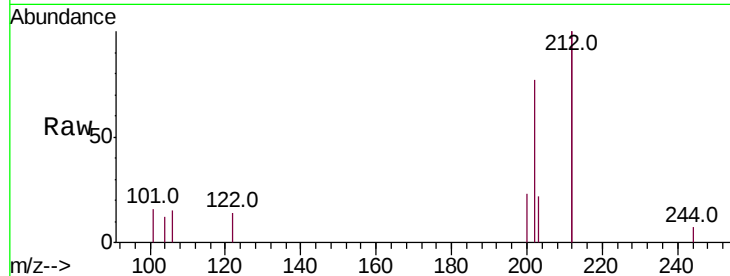
#26
Fluoranthene
Concen: 0.025 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Instrument :
BNA_E
ClientSampleId :
C-MW-09-091118

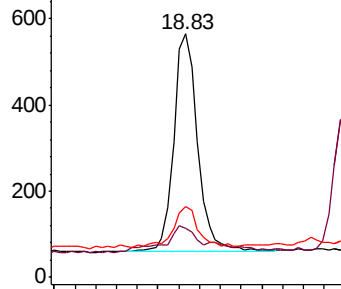
Tot Ion	Ratio	Lower	Upper
202	100		
101	21.8	9.8	14.8#
203	19.3	13.7	20.5

Manual Integrations
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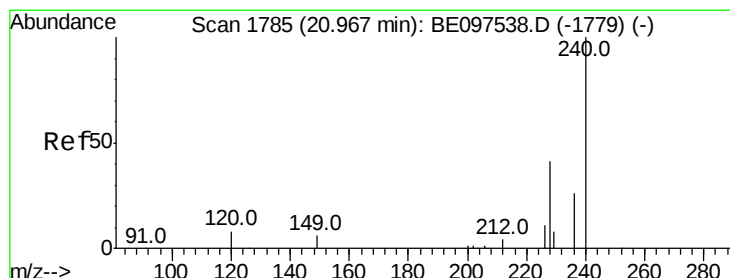
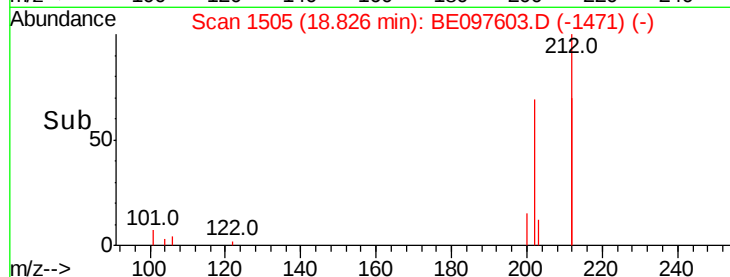
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



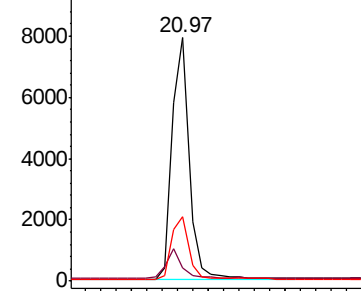
Time--> 18.70 18.80 18.90



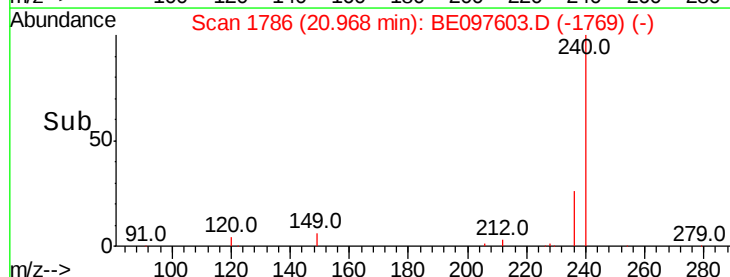
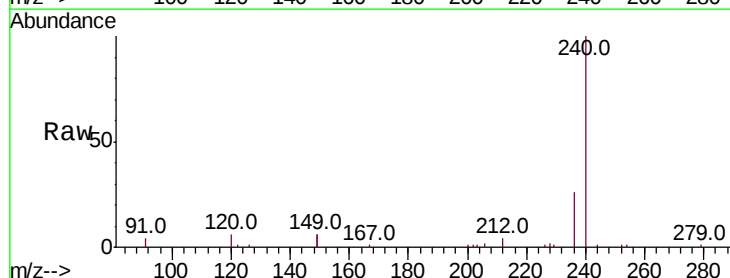
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

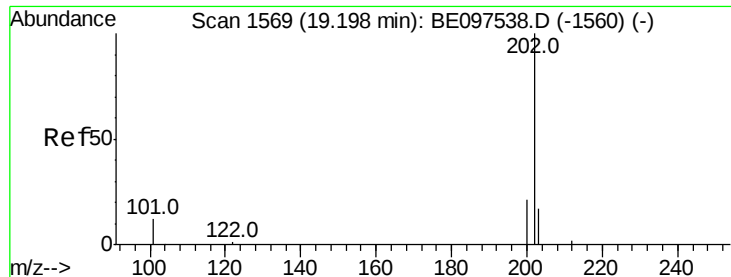
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.3	20.7	31.1

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



Time--> 20.90 21.00 21.10





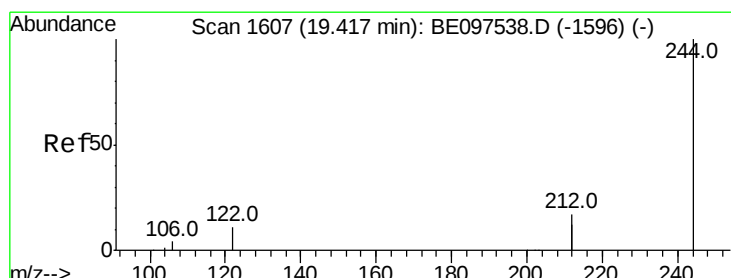
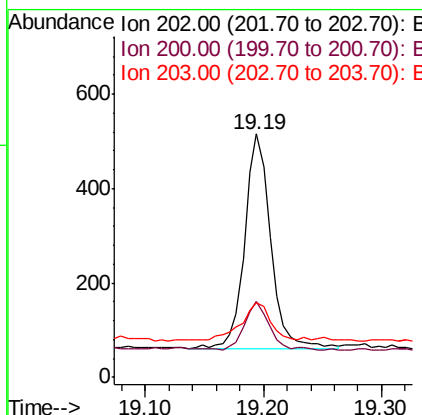
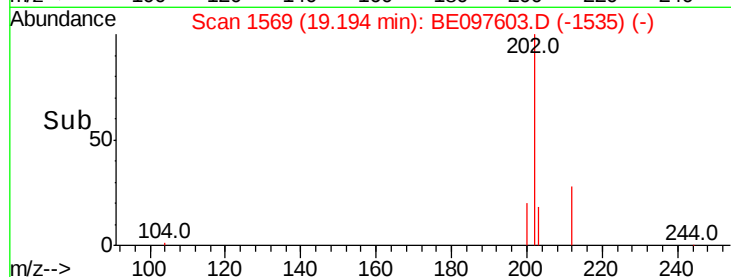
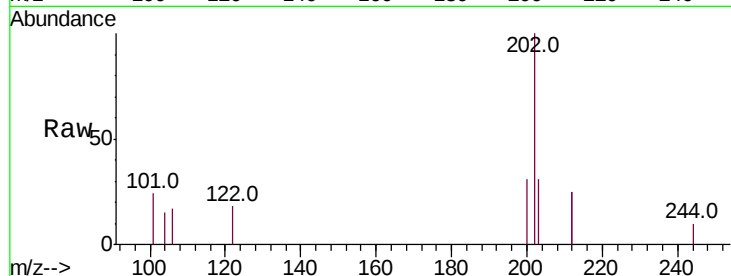
#28
Pvrene
Concen: 0.025 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Instrument :
BNA_E
ClientSampled :
C-MW-09-091118

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	20.0	13.8	20.8

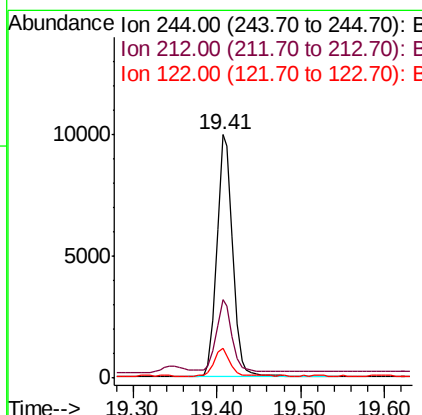
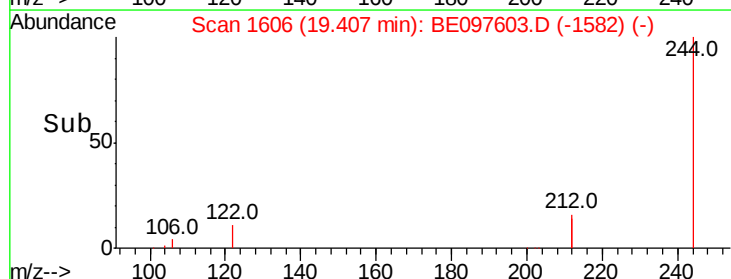
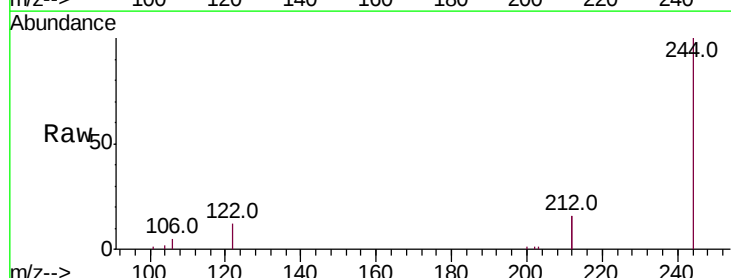
Manual Integrations
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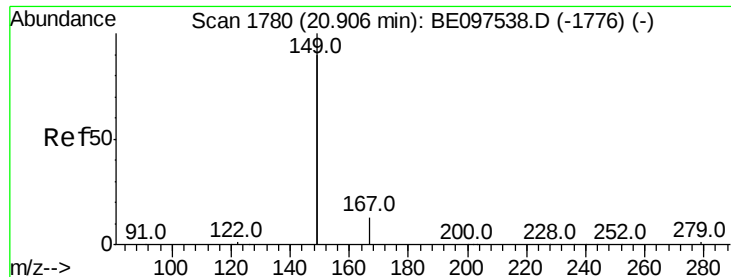
Sohil
9/21/2018 4:09:59 PM



#29
Terphenyl-d14
Concen: 0.587 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.4	38.0
122	12.3	8.1	12.1#





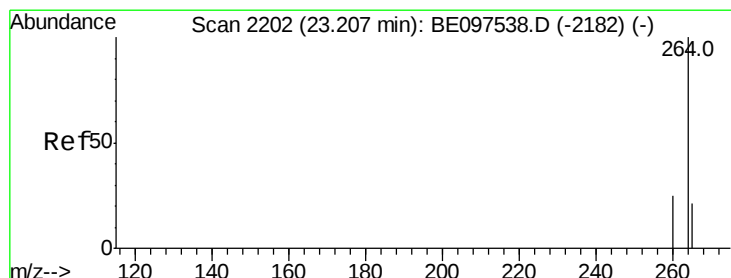
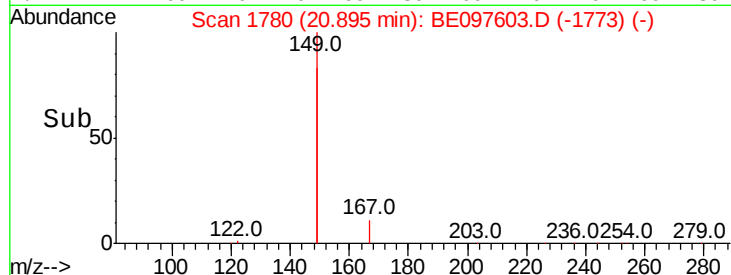
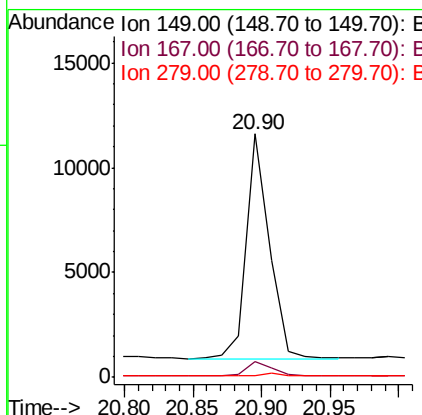
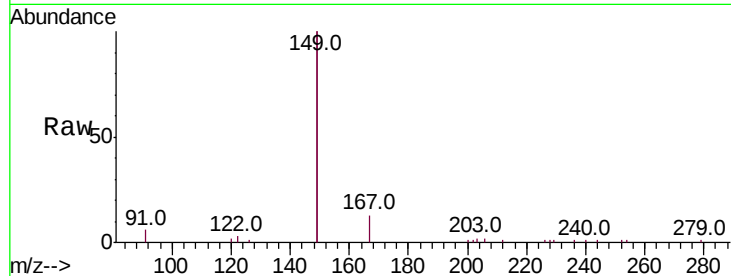
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.251 ng
 RT: 20.90 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097603.D
 Acq: 21 Sep 2018 9:52

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-091118

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	6.5	5.4	8.0
279	1.2	0.7	1.1#

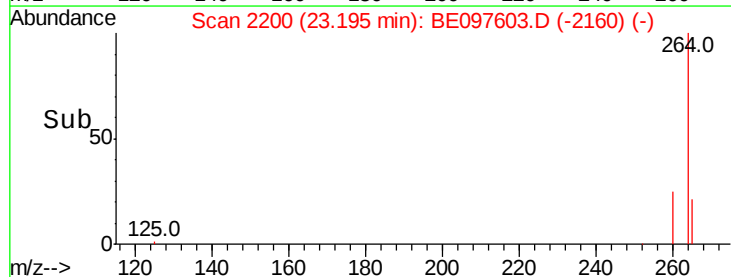
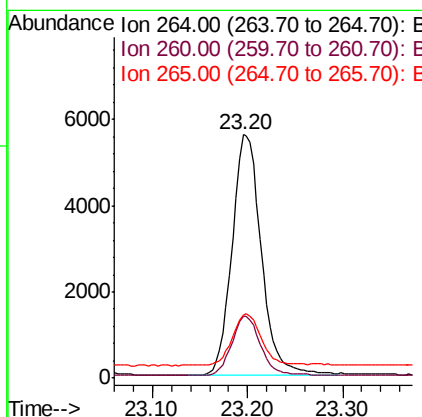
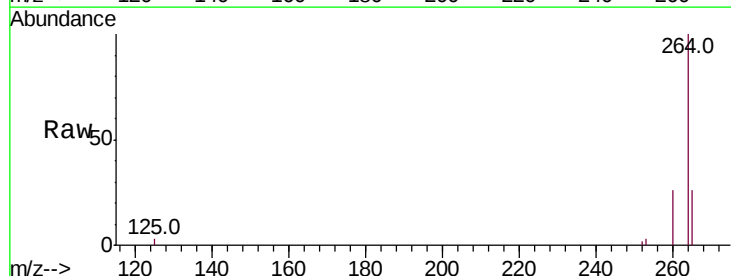
Manual Integrations
 APPROVED

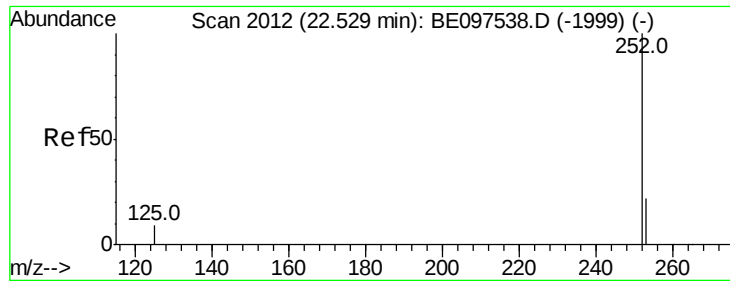
Sohil
 9/21/2018 4:09:59 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BE097603.D
 Acq: 21 Sep 2018 9:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.6	20.5	30.7
265	26.2	22.8	34.2





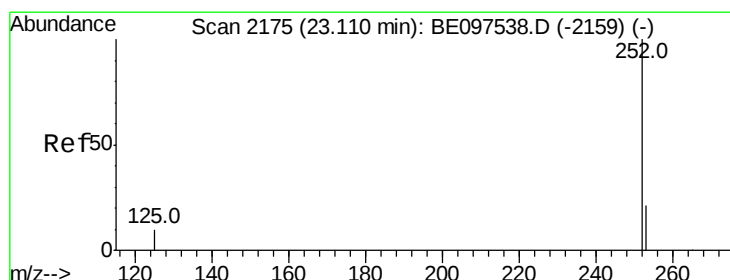
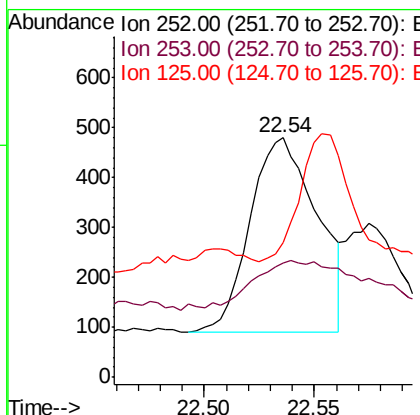
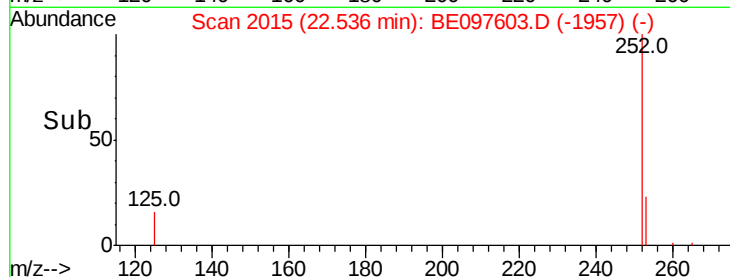
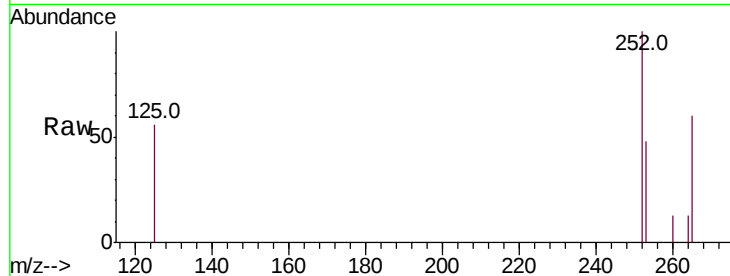
#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Instrument :
BNA_E
ClientSampleId :
C-MW-09-091118

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.7	20.0	30.0#
125	56.0	16.0	24.0#

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:59 PM



#37
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097603.D
Acq: 21 Sep 2018 9:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.2	16.0	24.0#
125	64.2	12.0	18.0#

