

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097003.D
 Acq On : 19 Jul 2018 13:57
 Operator : SJ/JU
 Sample : J4014-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218

Manual Integrations
 APPROVED

Sohil
 7/20/2018 10:36:49 AM

Quant Time: Jul 19 15:43:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1931	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	8836	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	5505	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	15071	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	15709	0.40	ng	0.00
34) Perylene-d12	23.21	264	14095	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	873	0.19	ng	0.01
5) Phenol-d6	6.60	99	755	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	3068	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	5411	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	792m	0.61	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	9530	0.47	ng	-0.01
25) Fluoranthene-d10	18.81	212	78638	0.60	ng	0.00
29) Terphenyl-d14	19.43	244	23116	0.76	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	23946	8.663	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	6.84	93	193	0.028	ng	# 90
9) Naphthalene	10.20	128	3623	0.046	ng	# 96
12) 2-Methylnaphthalene	11.81	142	344	0.026	ng	# 84
32) Bis(2-ethylhexyl)phthalate	20.93	149	13830	0.370	ng	# 100

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

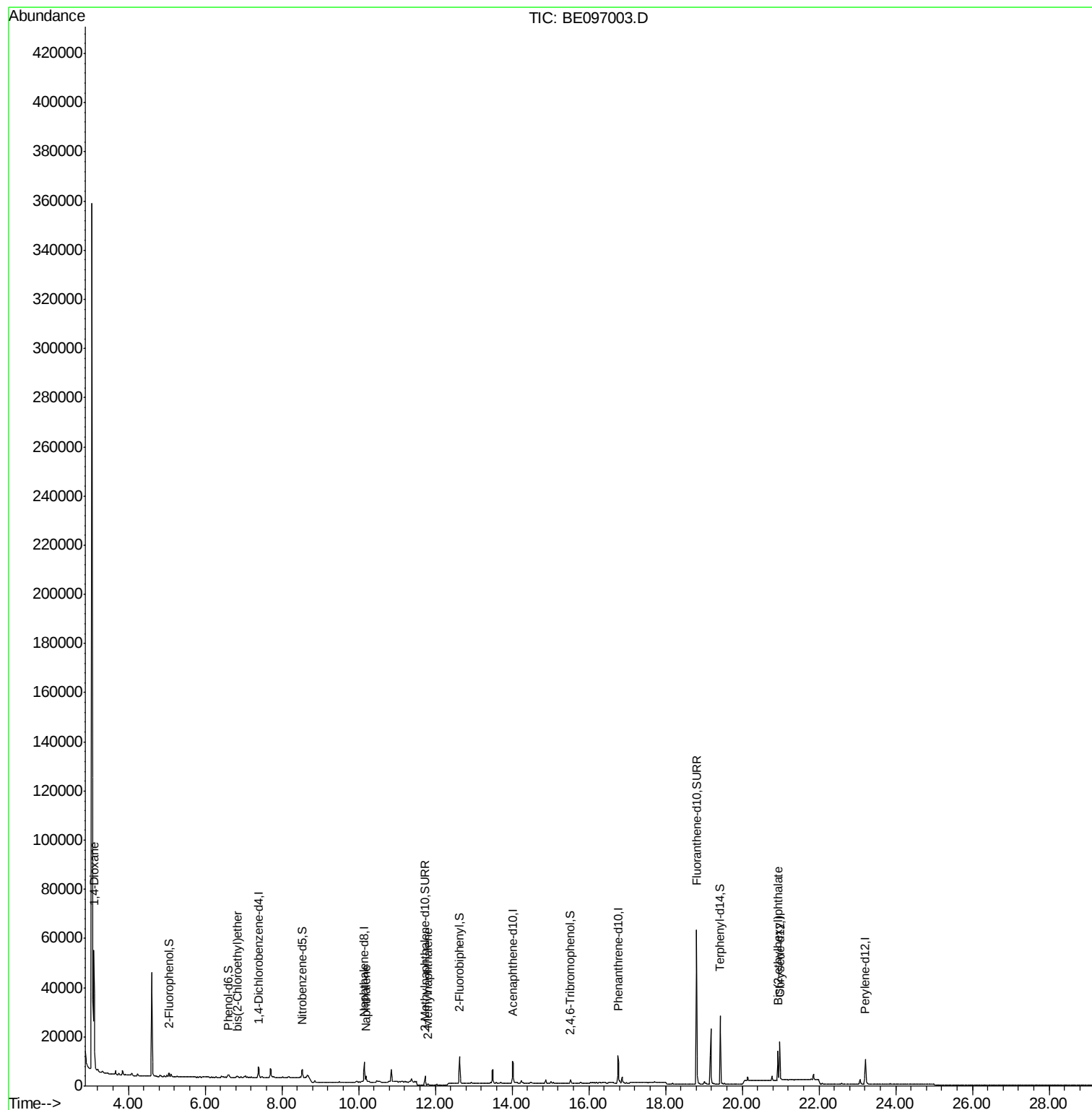
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097003.D
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Operator : SJ/JU
Sample : J4014-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

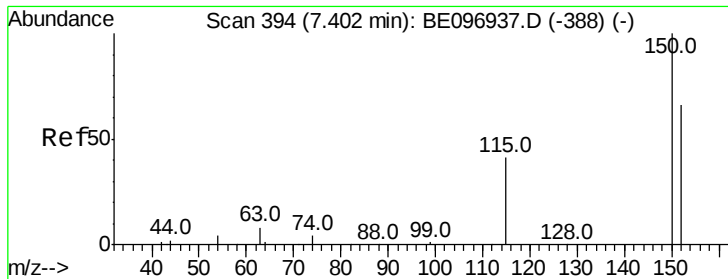
Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
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#1

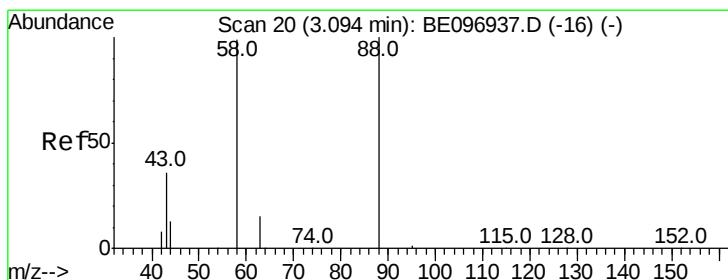
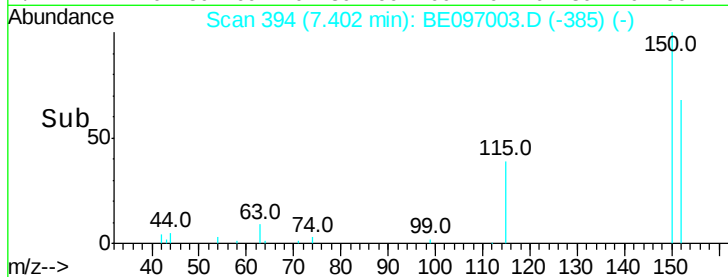
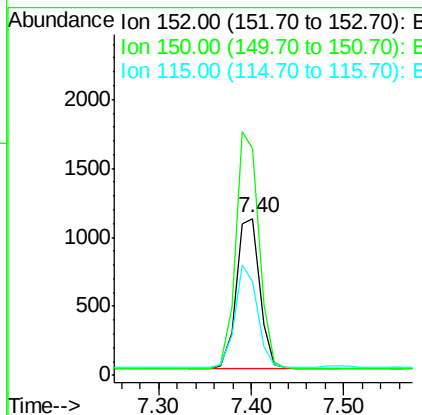
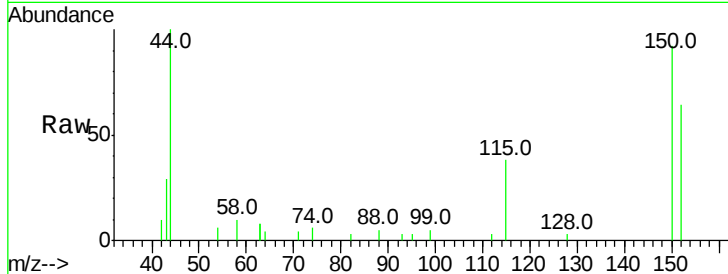
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	117.2	175.8
115	59.7	57.0	85.6

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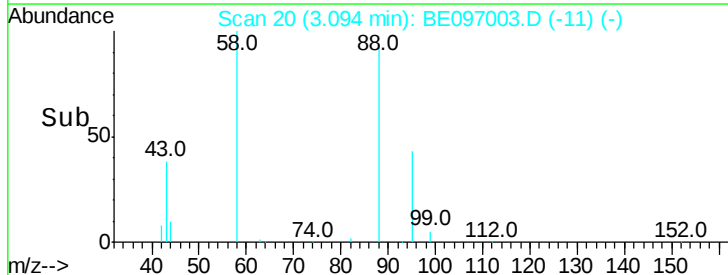
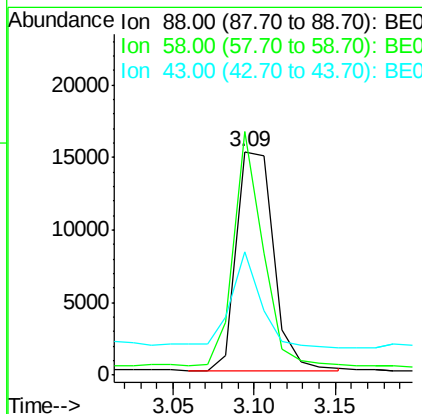
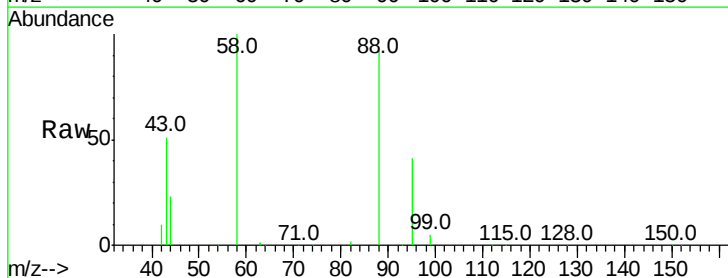
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#2

1,4-Dioxane
Concen: 8.663 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	35.6	41.2	61.8





#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Instrument :

BNA_E

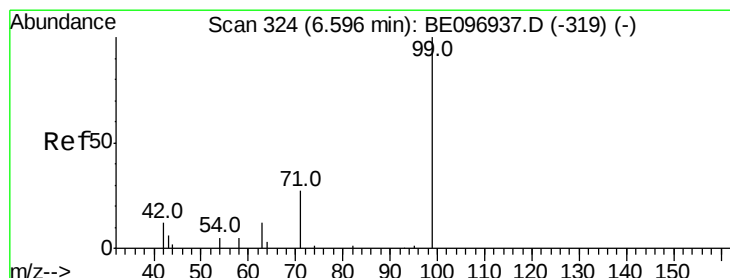
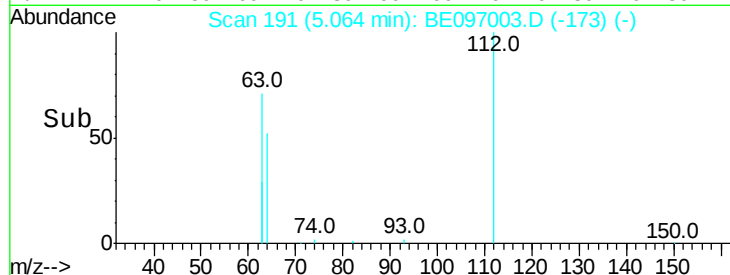
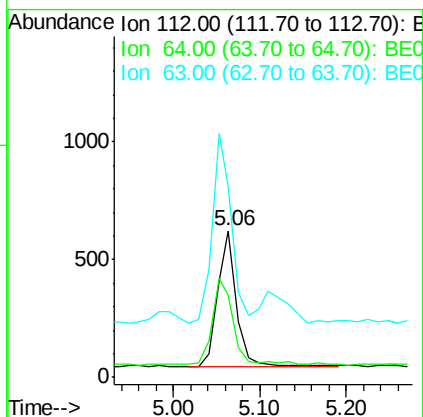
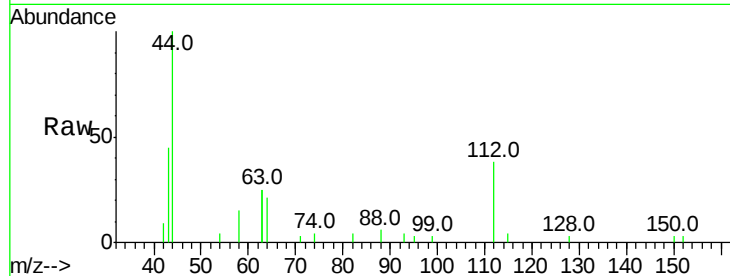
ClientSampleId :

RE103D1-071218

Tot Ion:	112	Resp:	873
Ion Ratio	Lower	Upper	
112	100		
64	71.9	60.1	90.1
63	141.0	116.8	175.2

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#5

Phenol-d6

Concen: 0.107 ng

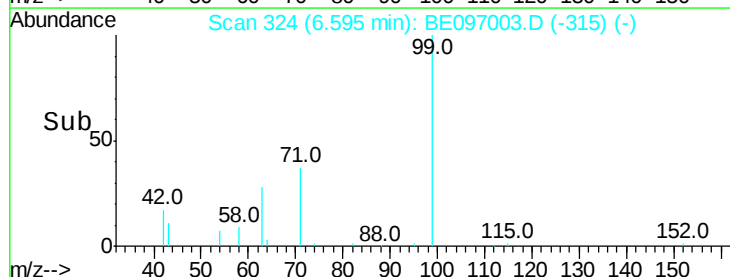
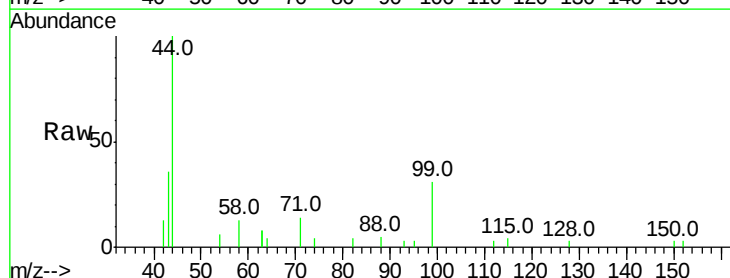
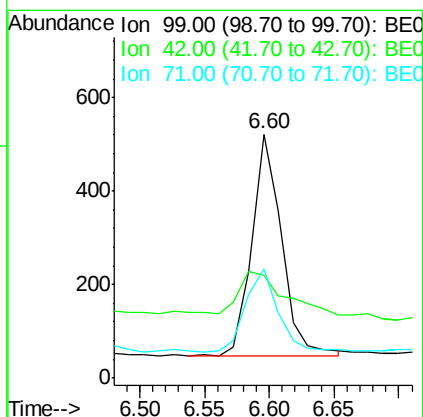
RT: 6.60 min Scan# 324

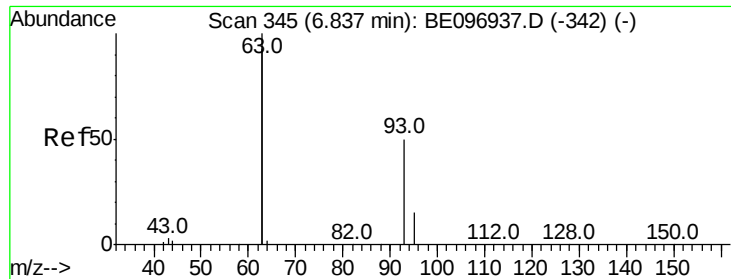
Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Tgt Ion:	99	Resp:	755
Ion Ratio	Lower	Upper	
99	100		
42	29.8	20.2	30.2
71	42.5	28.4	42.6





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Instrument :

BNA_E

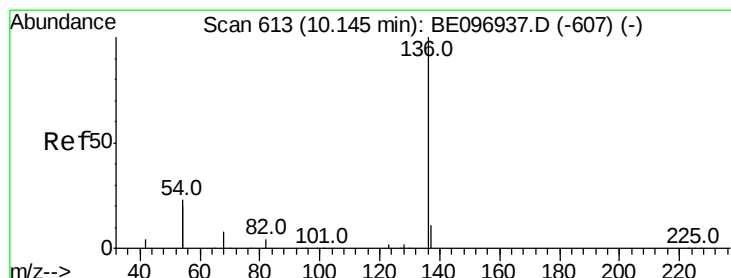
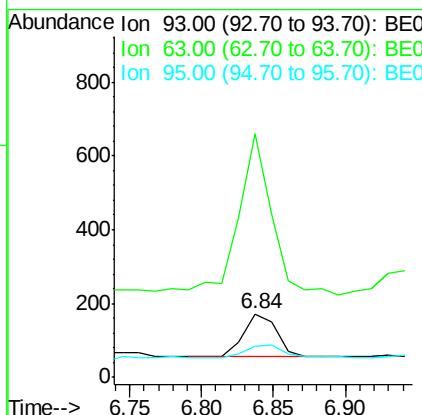
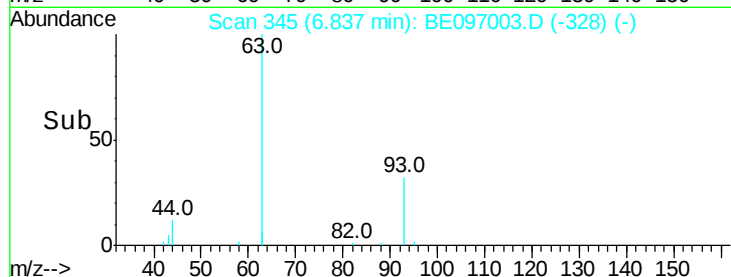
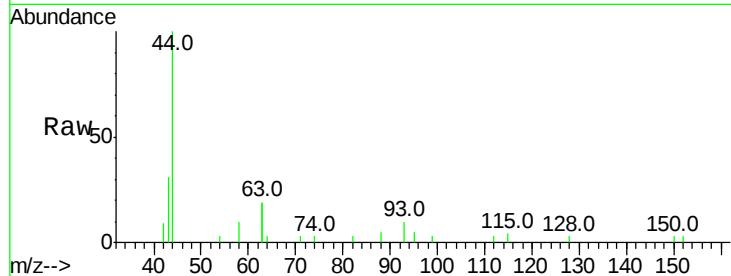
ClientSampleId :

RE103D1-071218

Tot Ion:	93	Resp:	193
Ion	Ratio	Lower	Upper
93	100		
63	366.8	275.3	412.9
95	36.3	25.2	37.8

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#7

Naphthalene-d8

Concen: 0.400 ng

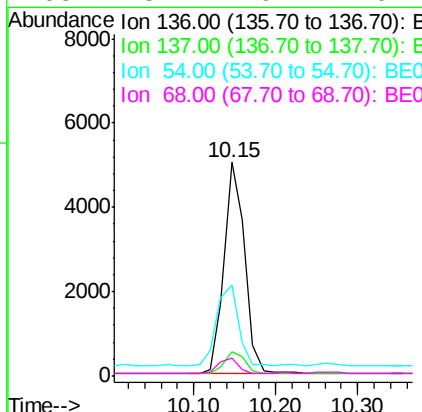
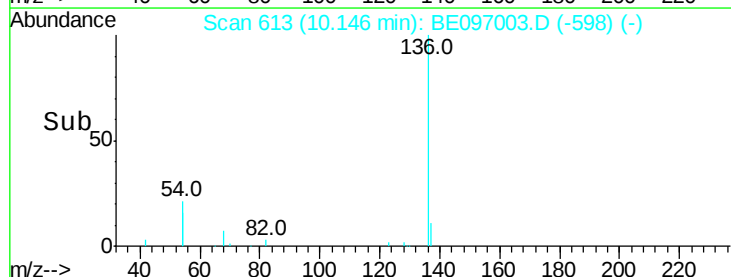
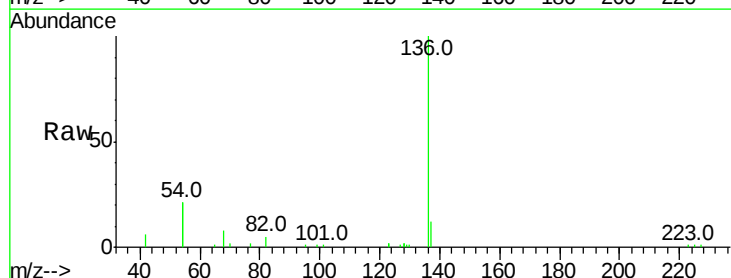
RT: 10.15 min Scan# 613

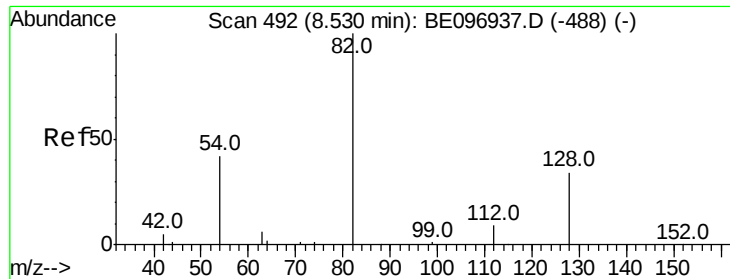
Delta R.T. 0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Tgt Ion:	136	Resp:	8836
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	42.4	29.1	43.7
68	8.2	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Instrument :

BNA_E

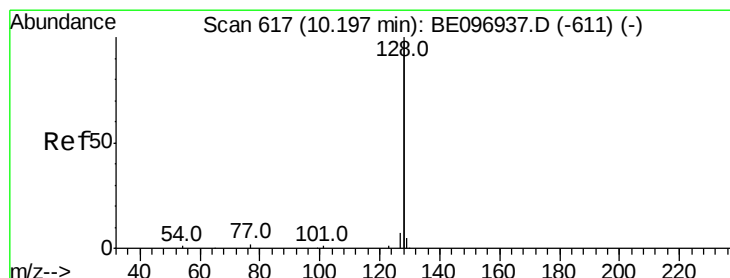
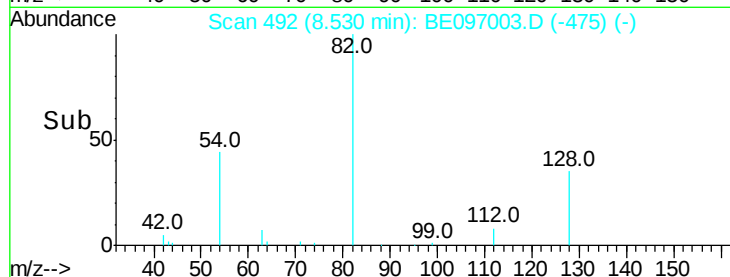
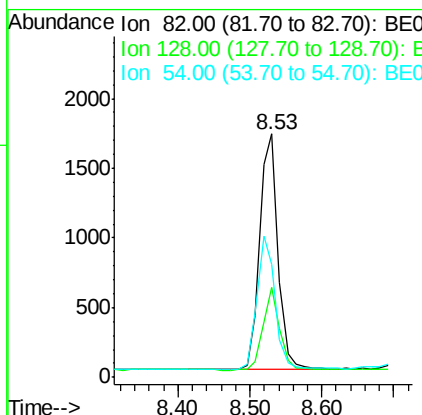
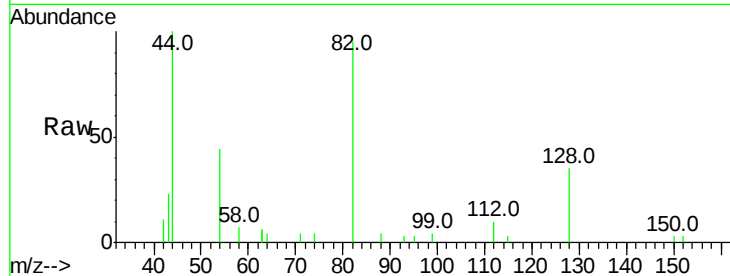
ClientSampleId :

RE103D1-071218

Tot Ion:	82	Resp:	3068
Ion Ratio	Lower	Upper	
82	100		
128	37.1	24.0	36.0#
54	46.2	40.0	60.0

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#9

Naphthalene

Concen: 0.046 ng

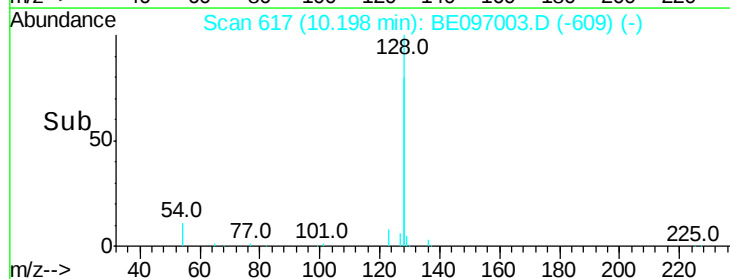
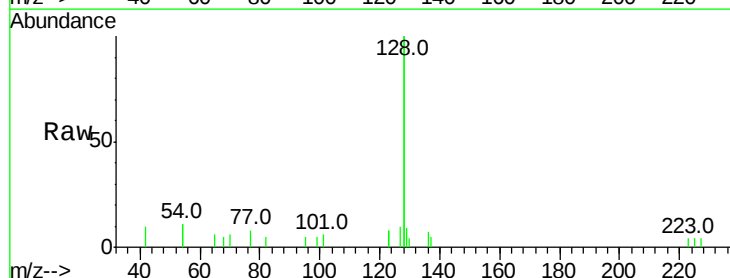
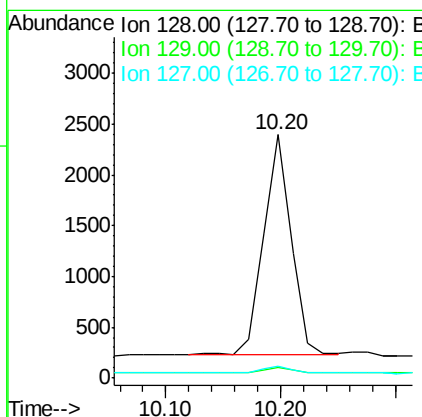
RT: 10.20 min Scan# 617

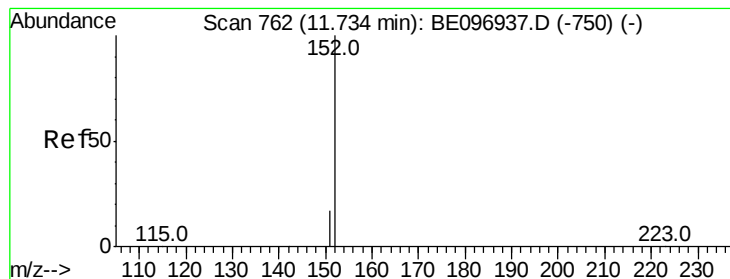
Delta R.T. 0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Tgt Ion:	128	Resp:	3623
Ion Ratio	Lower	Upper	
128	100		
129	4.6	2.6	3.8#
127	5.0	2.8	4.2#





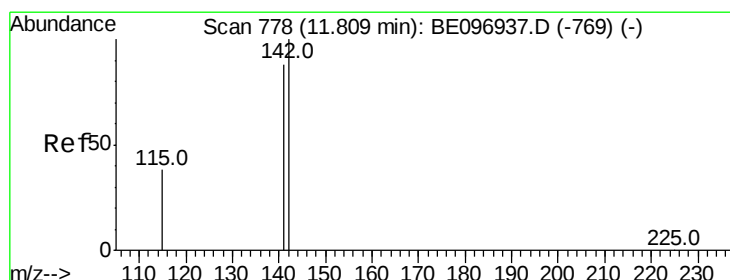
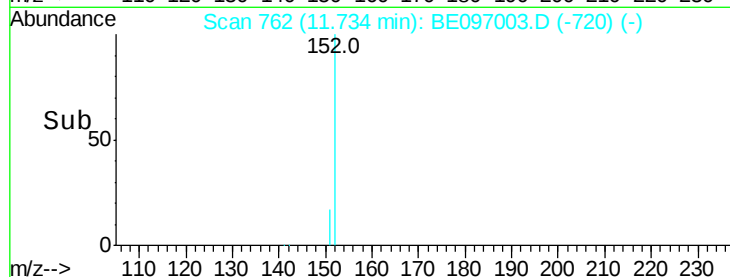
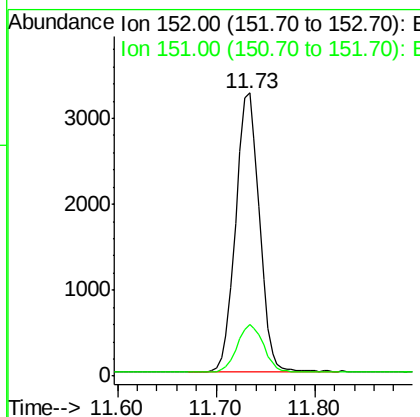
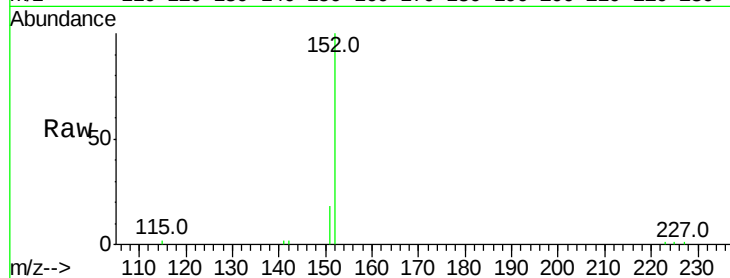
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

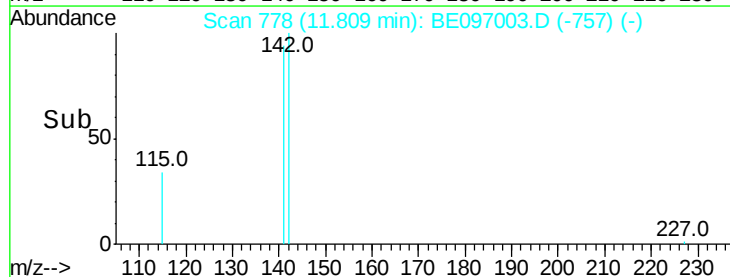
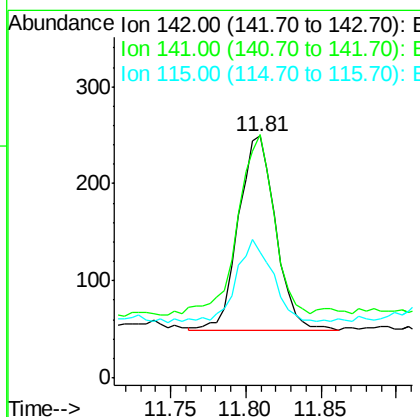
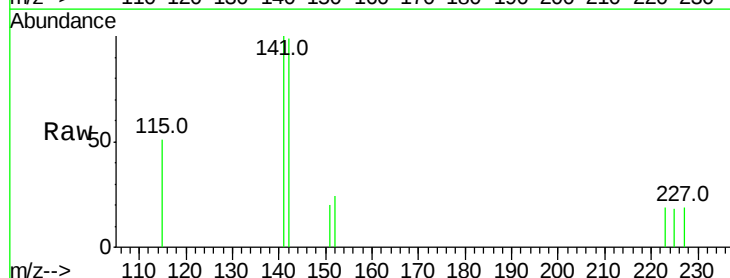
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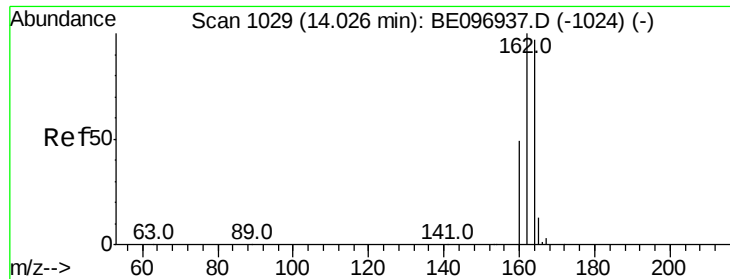
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#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.8	70.4	105.6
115	51.8	31.7	47.5#





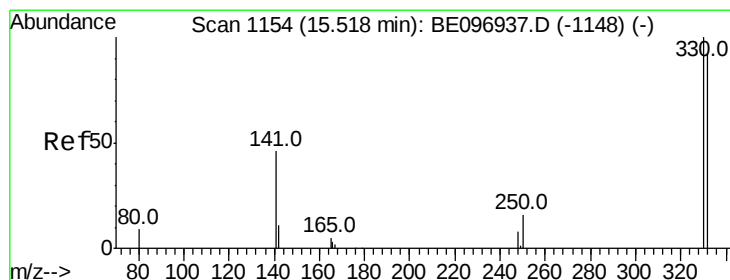
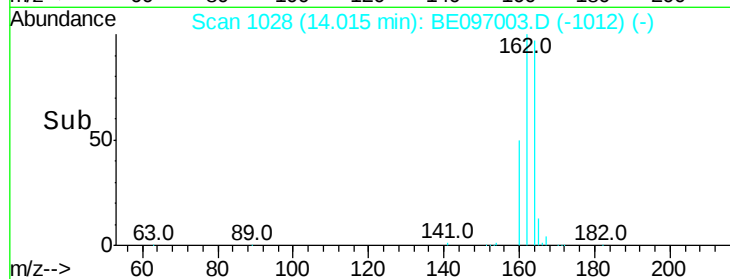
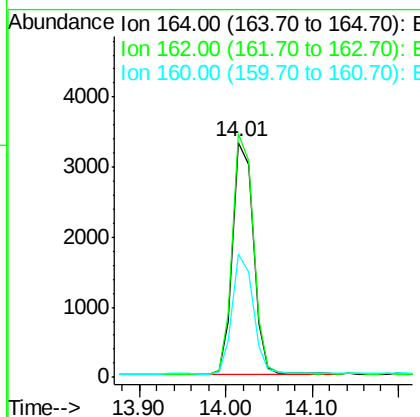
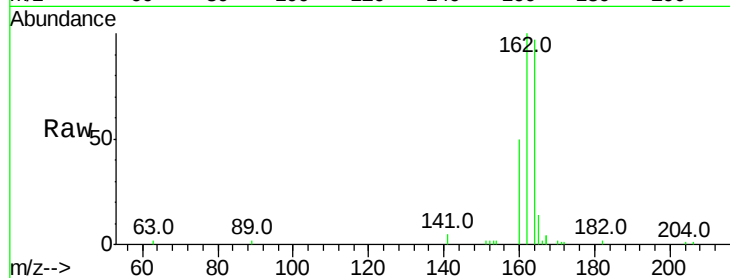
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BE097003.D
 Acq: 19 Jul 2018 13:57

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	52.2	37.1	55.7

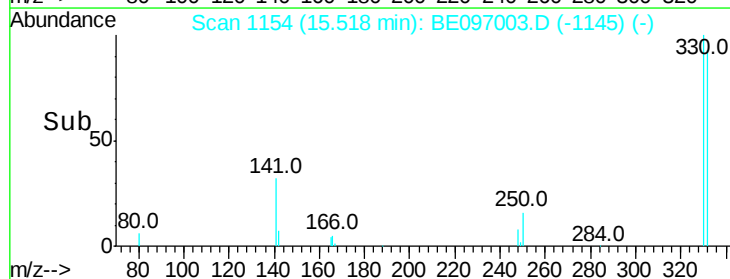
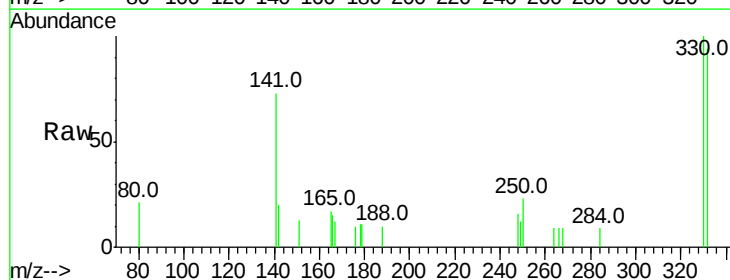
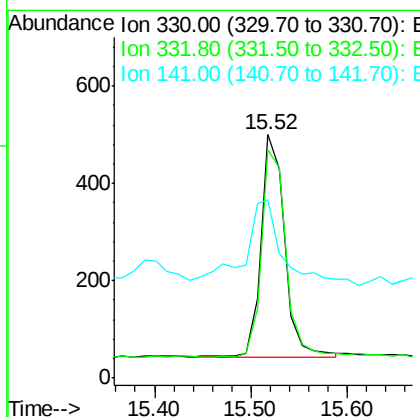
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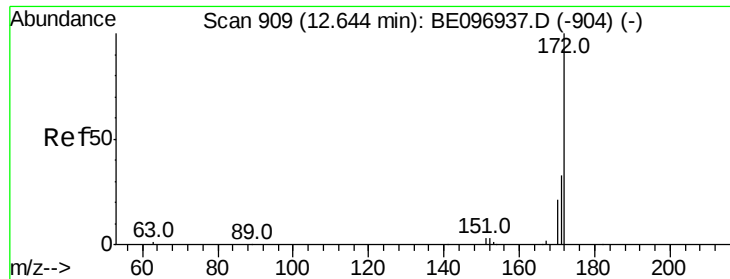
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#14
 2,4,6-Tribromophenol
 Concen: 0.608 ng m
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097003.D
 Acq: 19 Jul 2018 13:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.8	152.7	229.1#
141	48.0	33.7	50.5





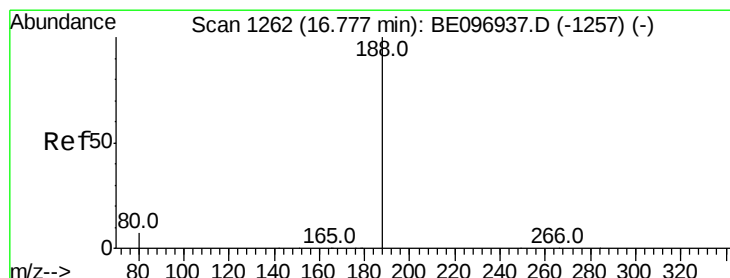
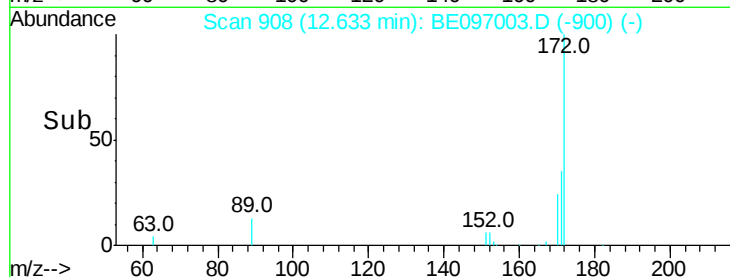
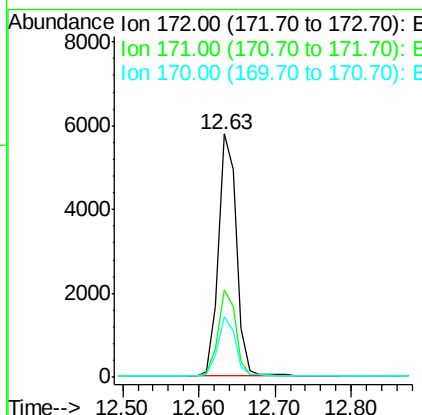
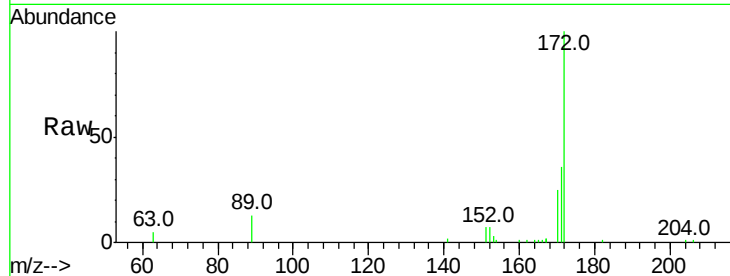
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	25.1	21.8	32.8

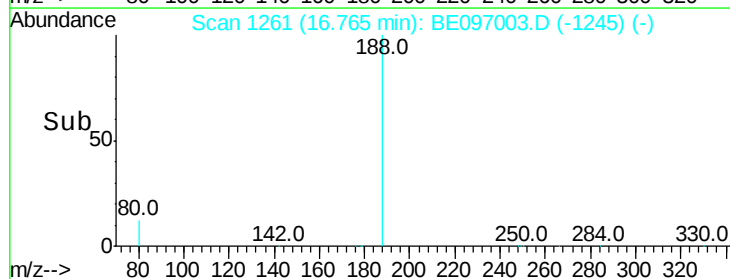
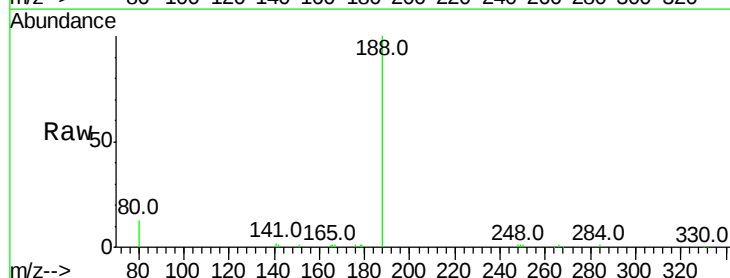
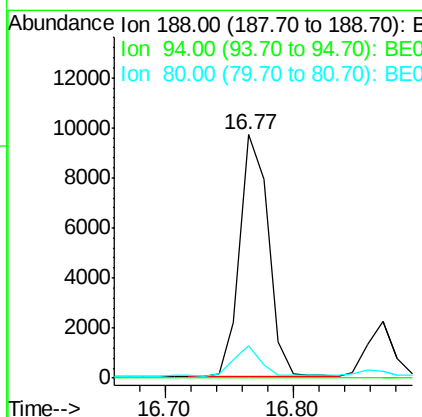
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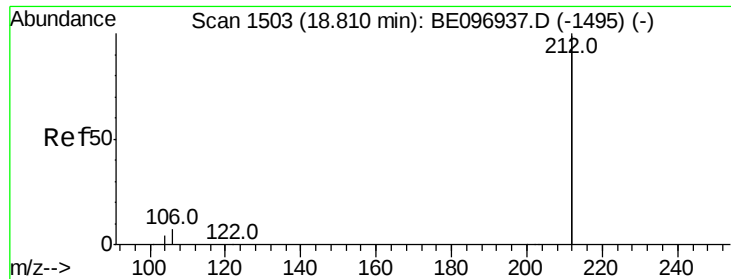
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.3	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.600 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Instrument :

BNA_E

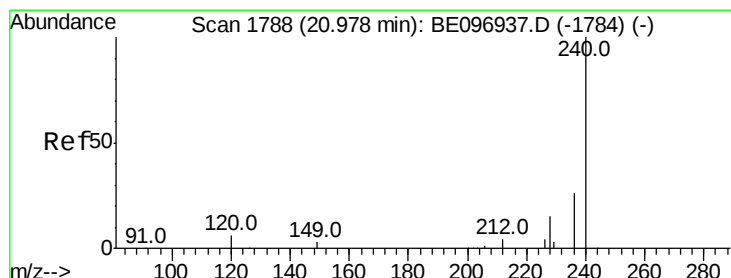
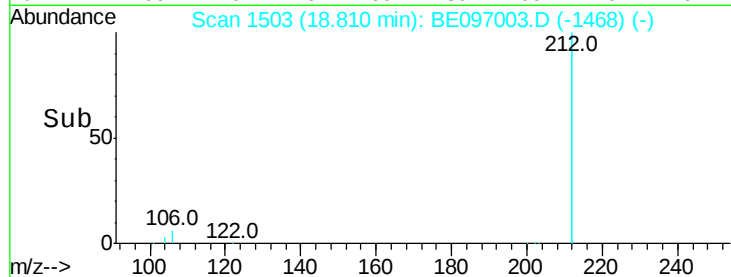
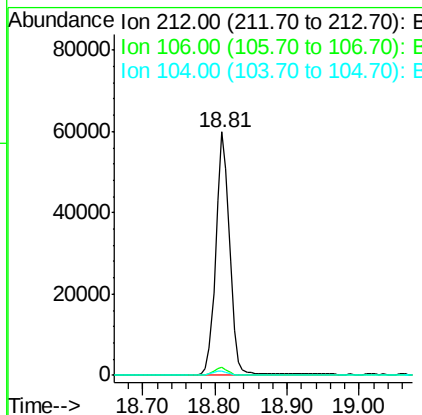
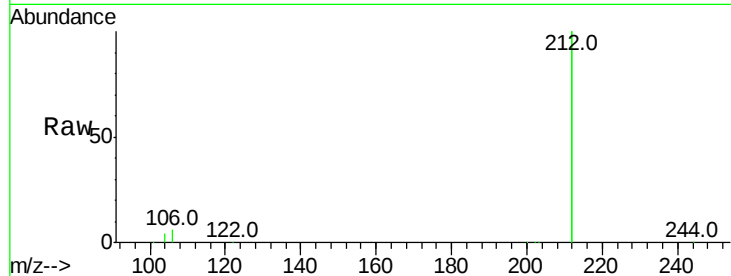
ClientSampleId :

RE103D1-071218

Tot Ion:	212	Resp:	78638
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

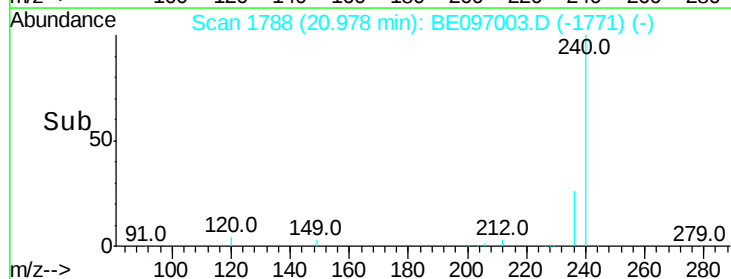
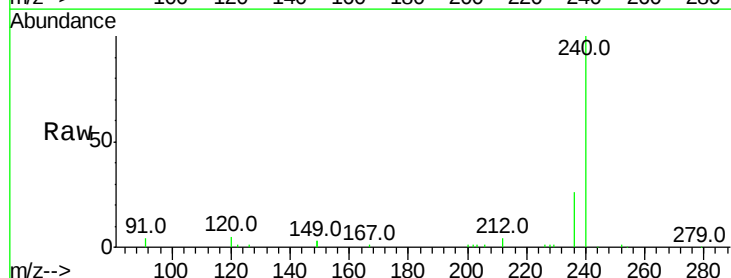
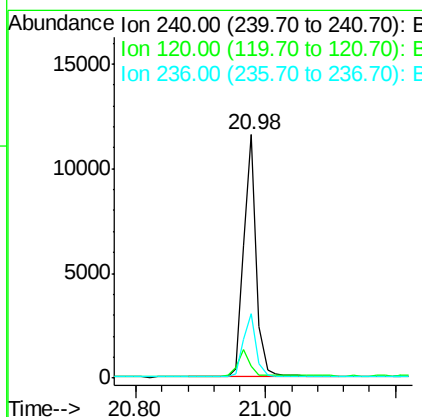
RT: 20.98 min Scan# 1788

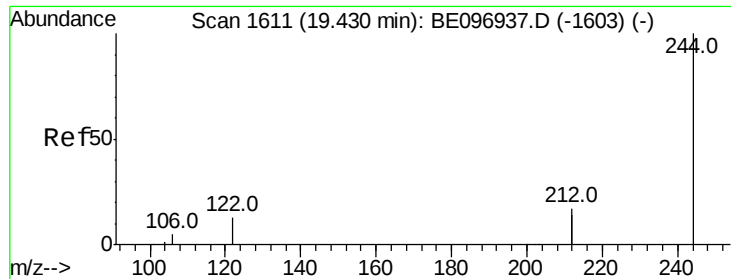
Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Tgt Ion:	240	Resp:	15709
Ion Ratio	Lower	Upper	
240	100		
120	5.1	5.5	8.3#
236	26.3	20.7	31.1





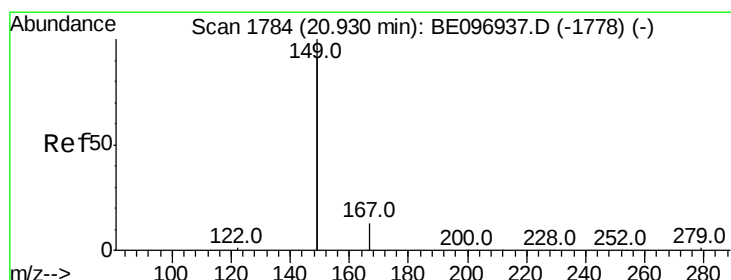
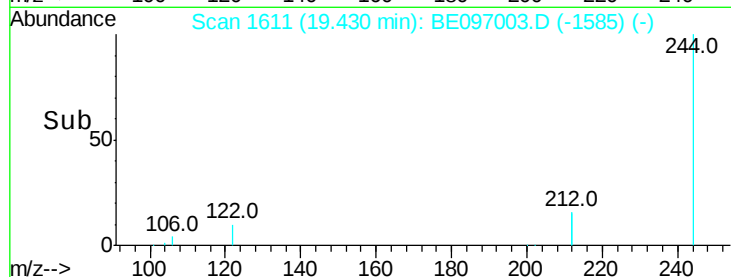
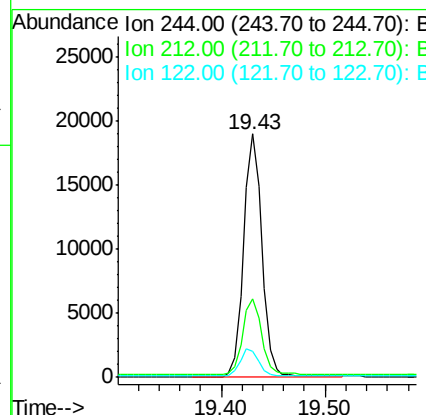
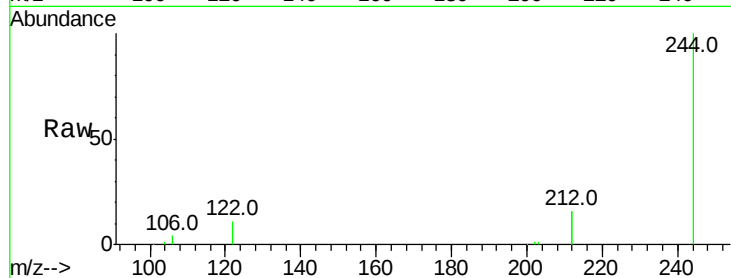
#29
 Terphenyl-d14
 Concen: 0.763 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097003.D
 Acq: 19 Jul 2018 13:57

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-071218

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.4	38.0
122	10.7	8.1	12.1

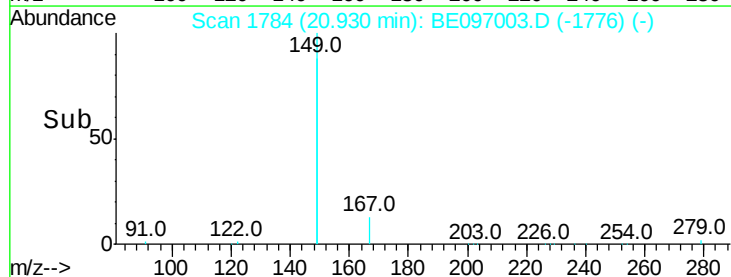
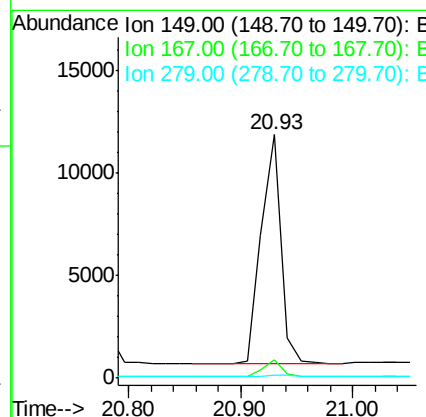
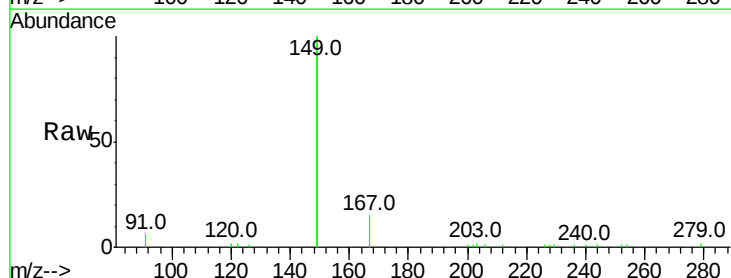
Manual Integrations
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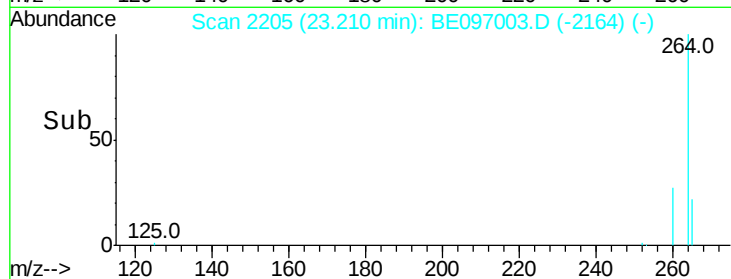
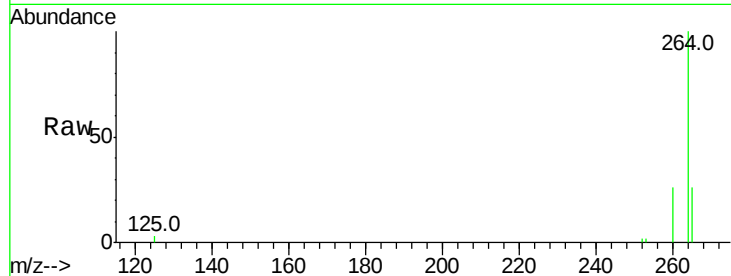
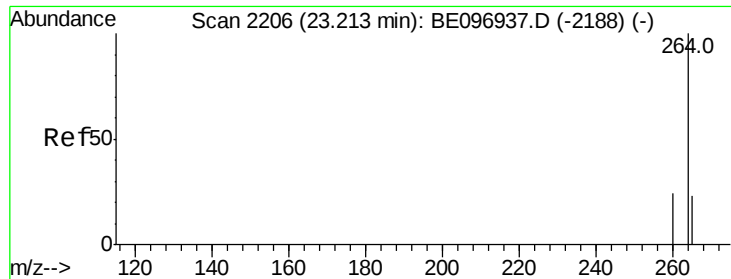
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.370 ng
 RT: 20.93 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BE097003.D
 Acq: 19 Jul 2018 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097003.D

Acq: 19 Jul 2018 13:57

Tot Ion:	264	Resp:	14095
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.5	30.7
265	25.8	22.8	34.2

Instrument :

BNA_E

ClientSampleId :

RE103D1-071218

Manual Integrations
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