

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097004.D
 Acq On : 19 Jul 2018 14:35
 Operator : SJ/JU
 Sample : J4014-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-071218

Manual Integrations
 APPROVED

Sohil
 7/20/2018 10:36:52 AM

Quant Time: Jul 19 15:44:59 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	1457	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6784	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4167	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	12264	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11424	0.40	ng	0.00
34) Perylene-d12	23.21	264	10610	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	605	0.17	ng	0.01
5) Phenol-d6	6.60	99	534	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	2295	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3992	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	569m	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7142	0.46	ng	-0.01
25) Fluoranthene-d10	18.81	212	57052	0.53	ng	0.00
29) Terphenyl-d14	19.43	244	12338	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	8783	4.211	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	147	0.028	ng	# 98
9) Naphthalene	10.20	128	3297	0.054	ng	# 95
12) 2-Methylnaphthalene	11.81	142	307	0.030	ng	# 92
17) Acenaphthene	14.08	154	281	0.024	ng	95
22) Pentachlorophenol	16.43	266	113	0.127	ng	86
28) Pyrene	19.21	202	5034	0.149	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	1704	0.063	ng	# 100

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

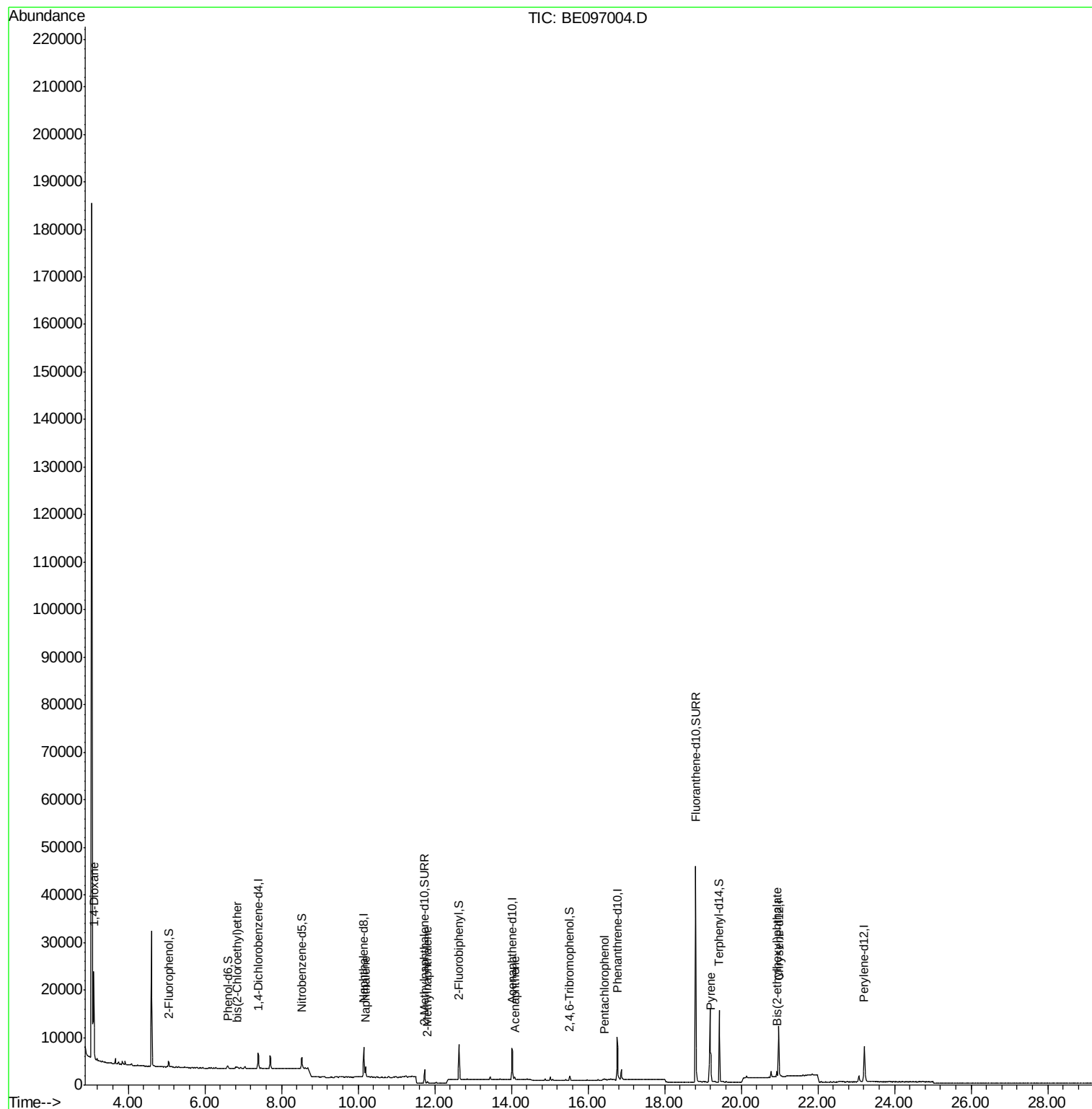
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
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Sample : J4014-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

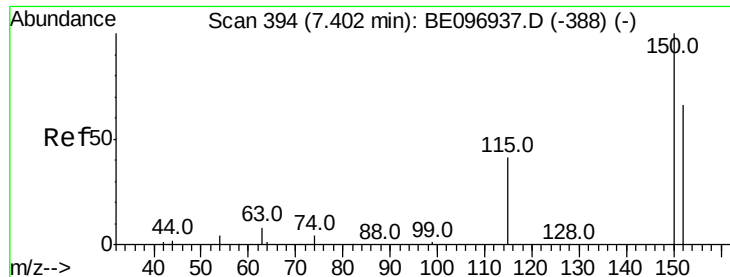
Instrument :
BNA_E
ClientSampleId :
RE122D1-071218

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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: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

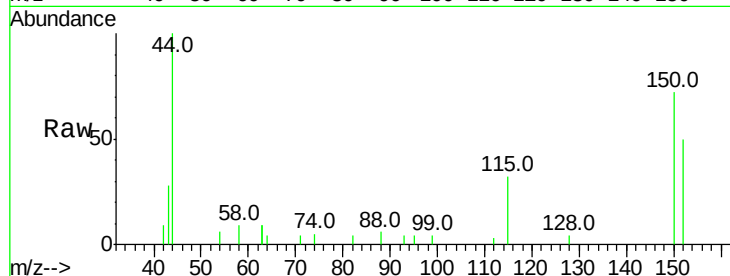
ClientSampleId :

RE122D1-071218

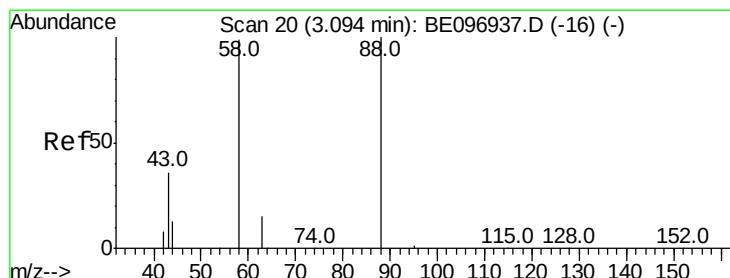
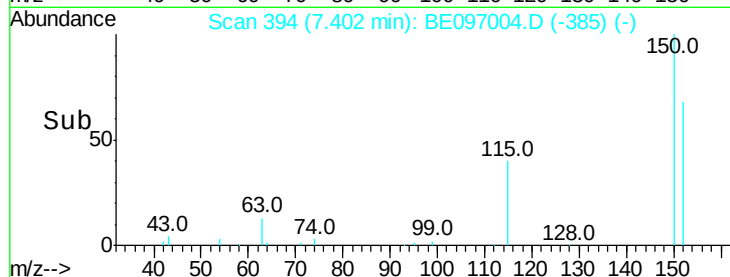
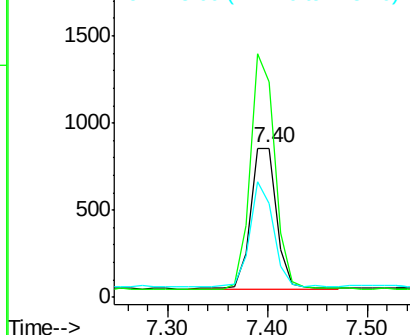
Tot Ion:	152	Resp:	1457
Ion	Ratio	Lower	Upper
152	100		
150	143.7	117.2	175.8
115	63.2	57.0	85.6

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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



#2

1,4-Dioxane

Concen: 4.211 ng

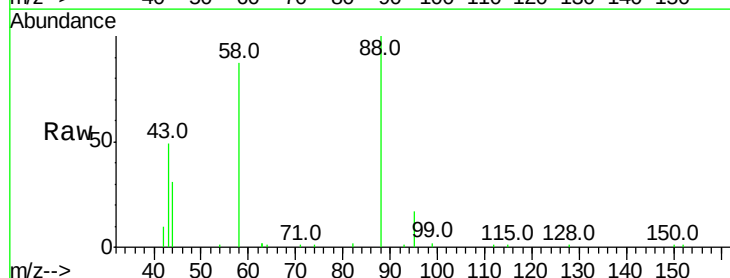
RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

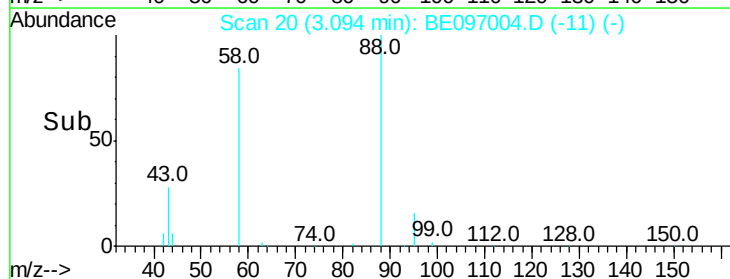
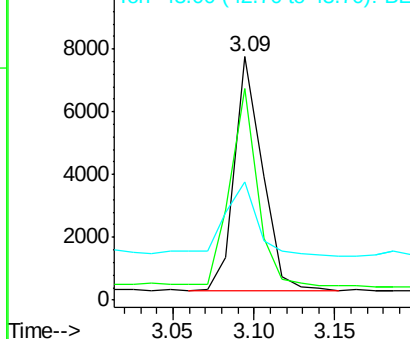
Lab File: BE097004.D

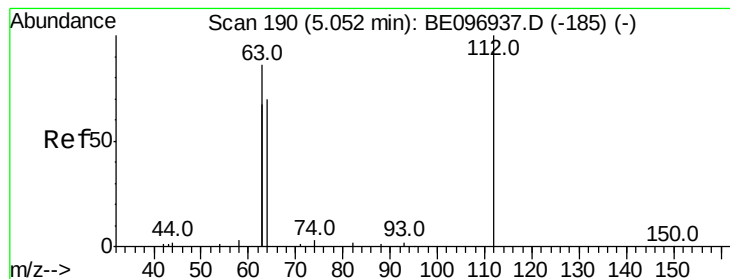
Acq: 19 Jul 2018 14:35

Tgt Ion:	88	Resp:	8783
Ion	Ratio	Lower	Upper
88	100		
58	83.1	63.2	94.8
43	39.9	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





#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

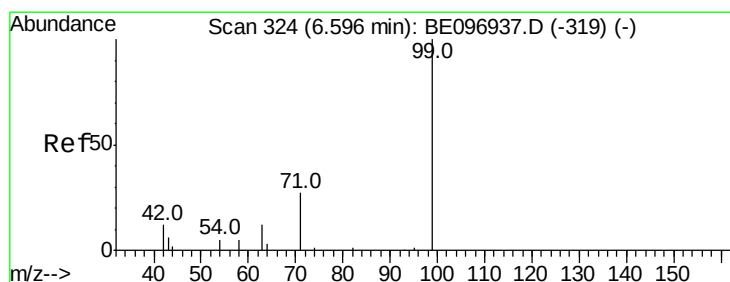
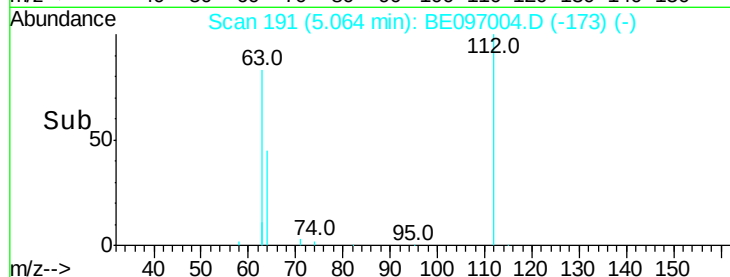
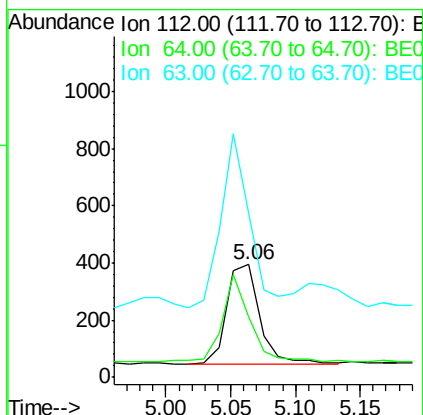
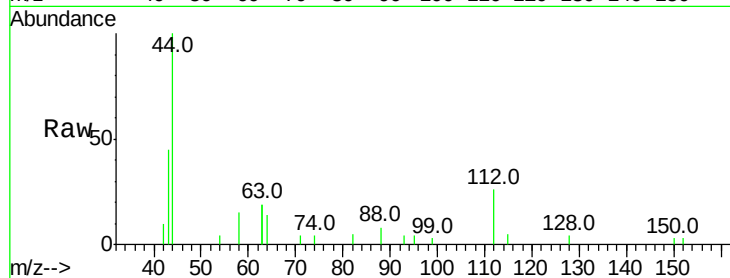
ClientSampleId :

RE122D1-071218

Tot Ion:	112	Resp:	605
Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	151.9	116.8	175.2

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#5

Phenol-d6

Concen: 0.100 ng

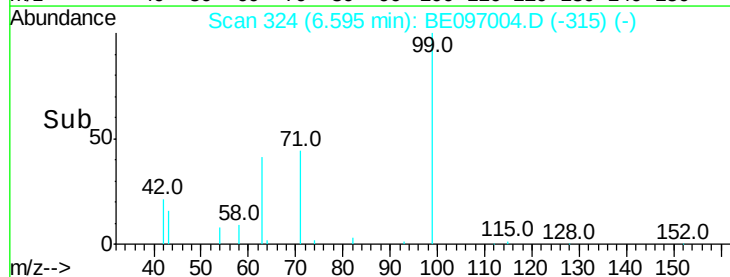
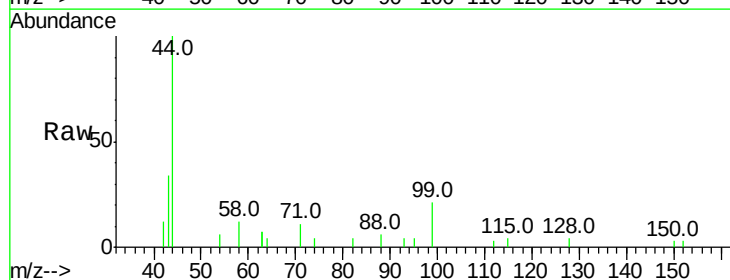
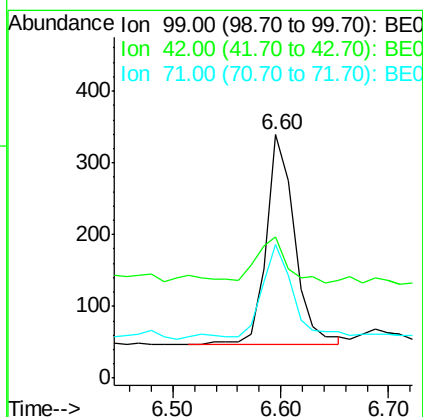
RT: 6.60 min Scan# 324

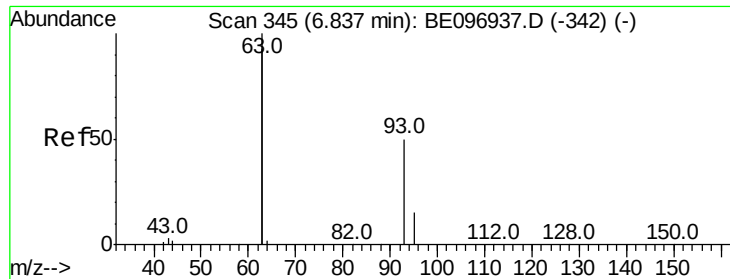
Delta R.T. -0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Tgt Ion:	99	Resp:	534
Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	45.5	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: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

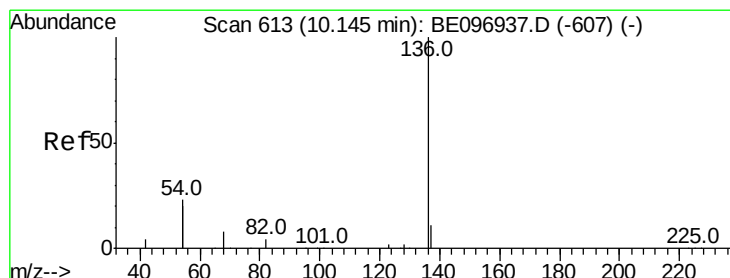
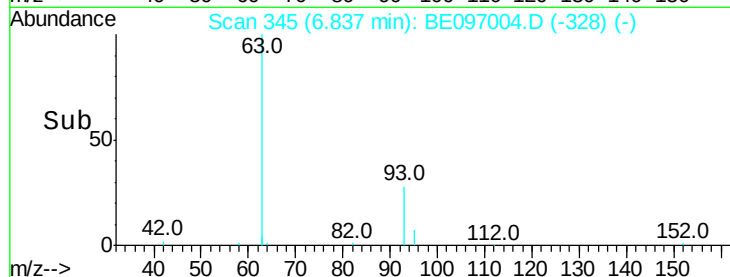
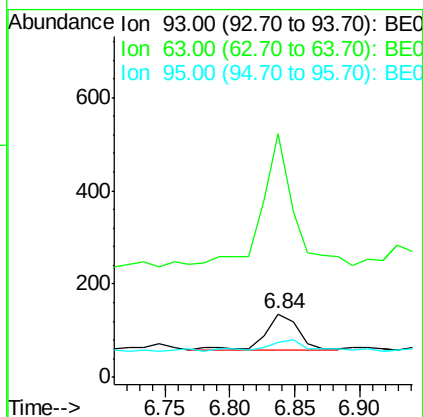
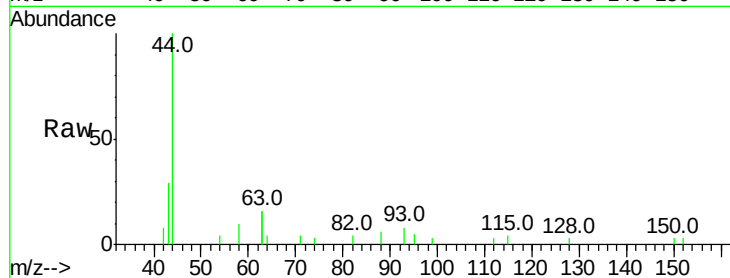
ClientSampleId :

RE122D1-071218

Tot Ion:	93	Resp:	147
Ion	Ratio	Lower	Upper
93	100		
63	341.5	275.3	412.9
95	39.5	25.2	37.8#

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#7

Naphthalene-d8

Concen: 0.400 ng

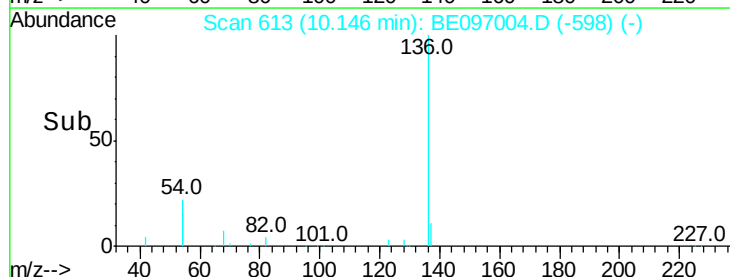
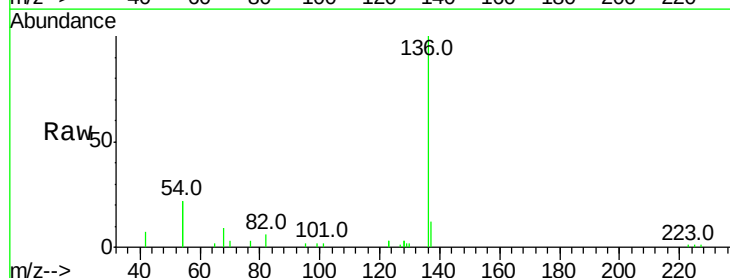
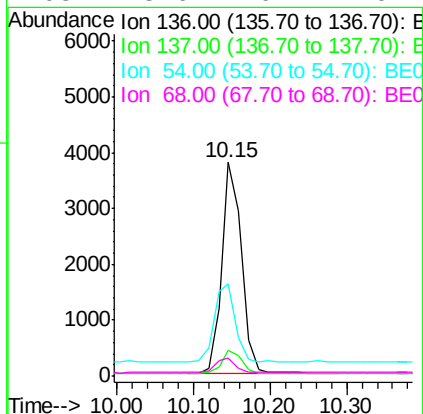
RT: 10.15 min Scan# 613

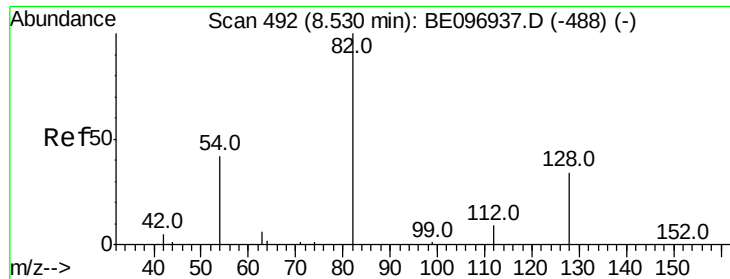
Delta R.T. 0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Tgt Ion:	136	Resp:	6784
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	43.4	29.1	43.7
68	8.6	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

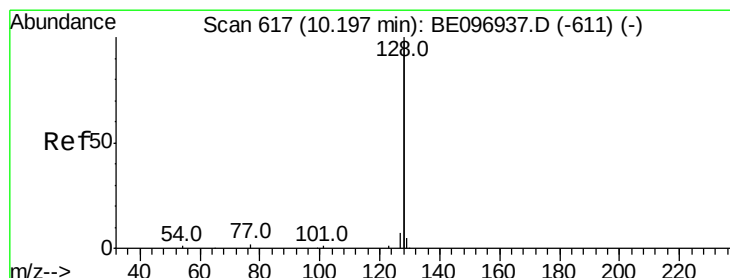
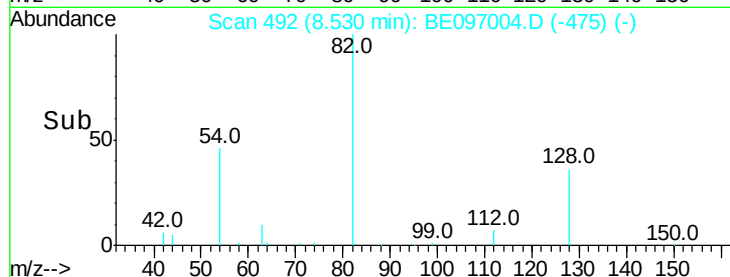
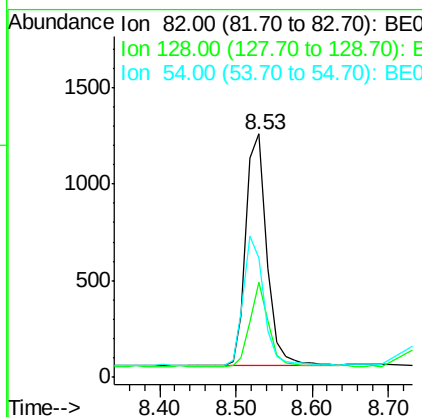
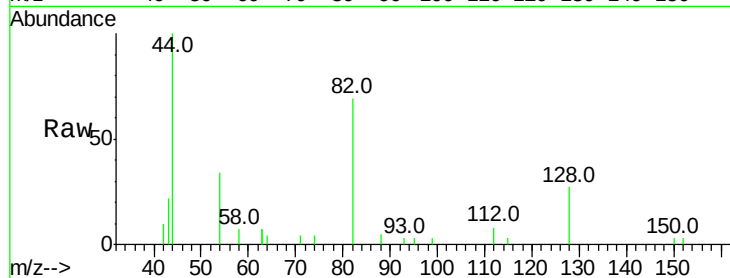
ClientSampleId :

RE122D1-071218

Tot Ion:	82	Resp:	2295
Ion Ratio	Lower	Upper	
82	100		
128	39.0	24.0	36.0#
54	48.9	40.0	60.0

Manual Integrations
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#9

Naphthalene

Concen: 0.054 ng

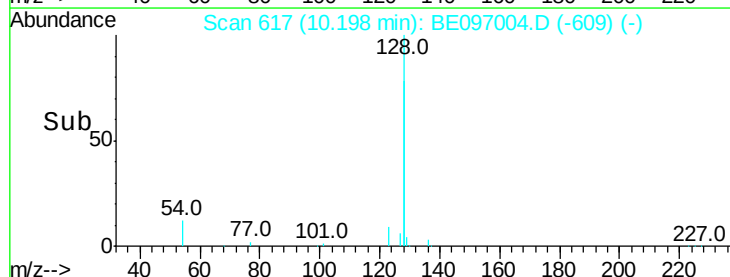
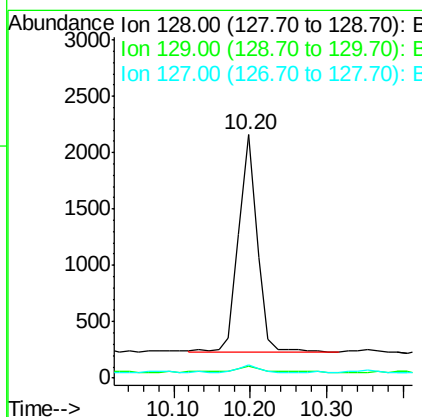
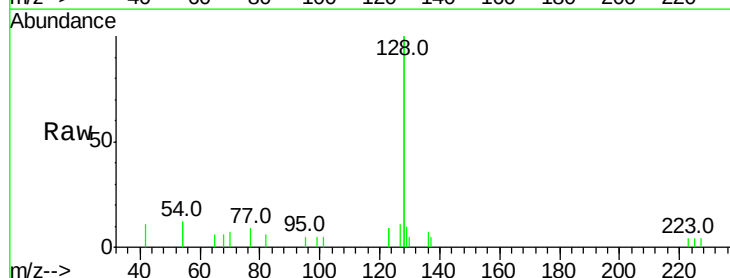
RT: 10.20 min Scan# 617

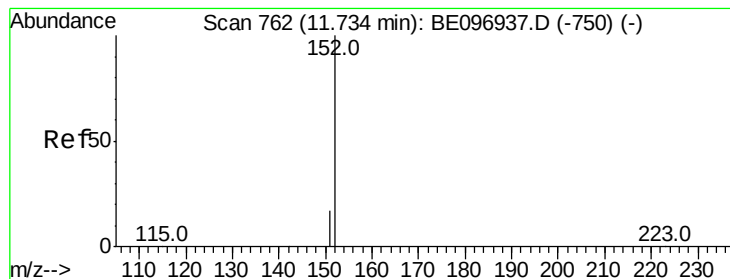
Delta R.T. 0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Tgt Ion:	128	Resp:	3297
Ion Ratio	Lower	Upper	
128	100		
129	4.8	2.6	3.8#
127	5.3	2.8	4.2#





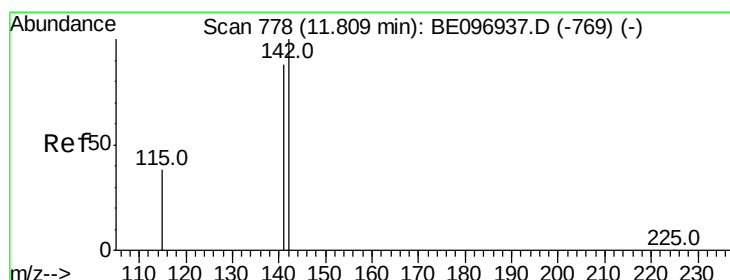
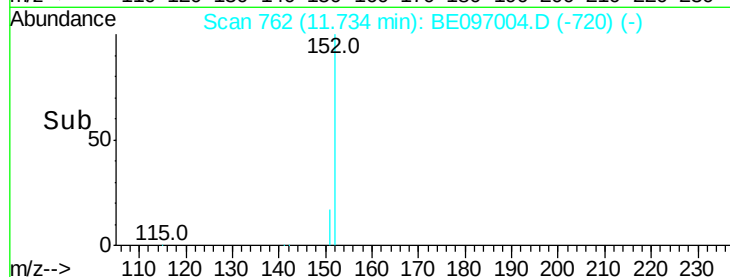
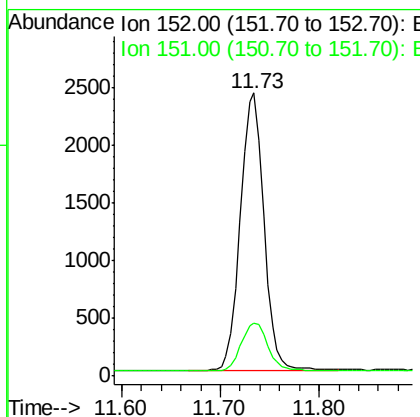
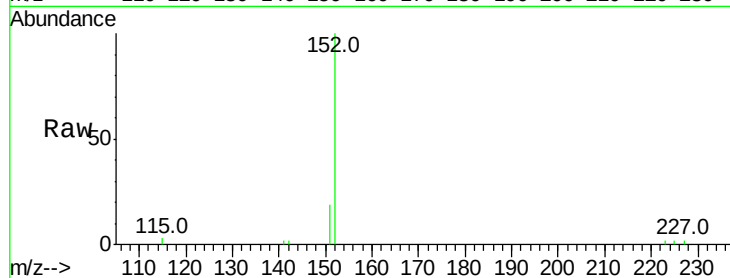
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Instrument :
BNA_E
ClientSampleId :
RE122D1-071218

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

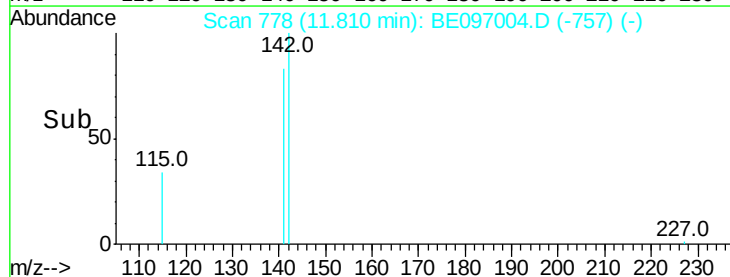
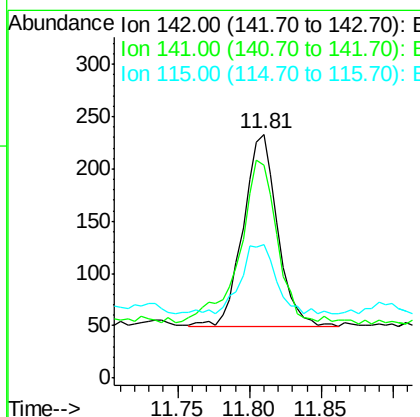
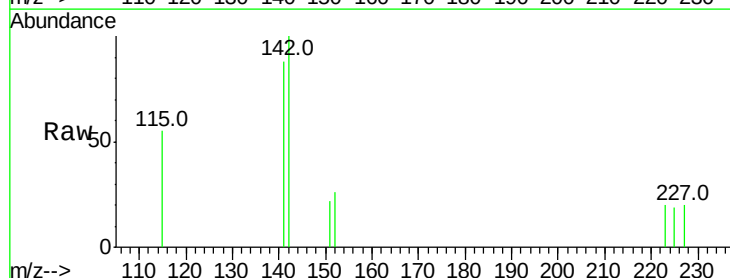
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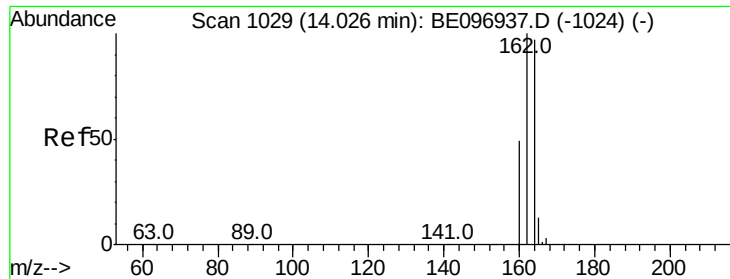
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#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	54.9	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: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

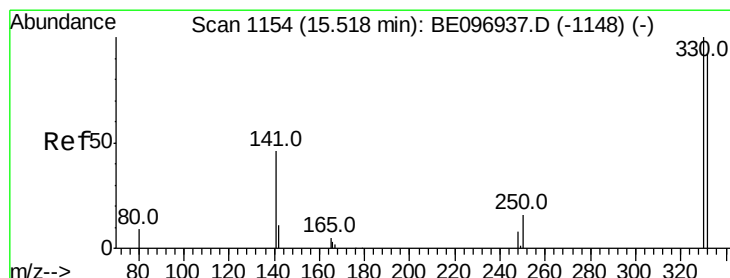
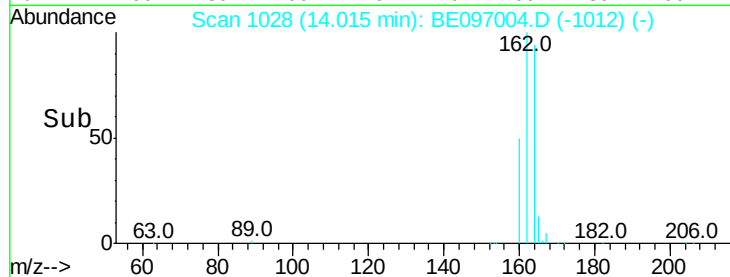
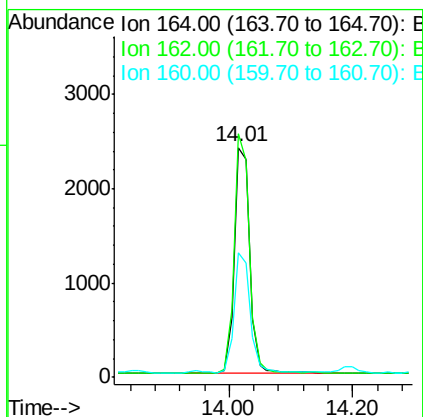
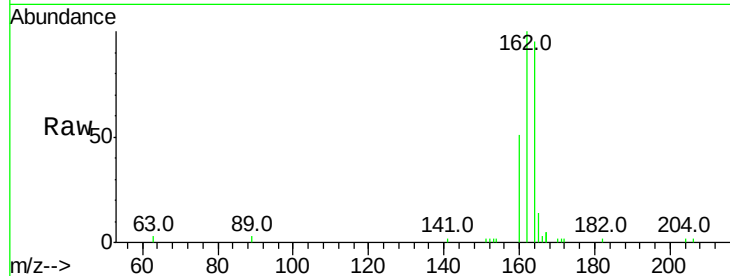
ClientSampleId :

RE122D1-071218

Tot Ion:	164	Resp:	4167
Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.1	124.7
160	54.3	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.582 ng m

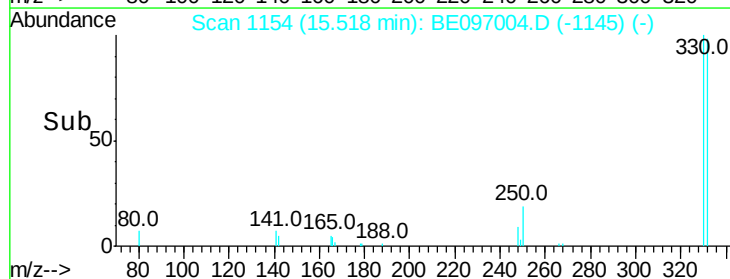
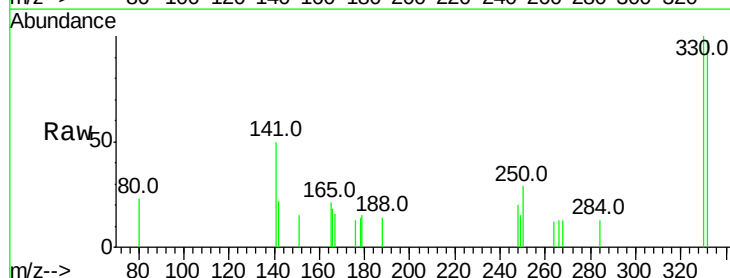
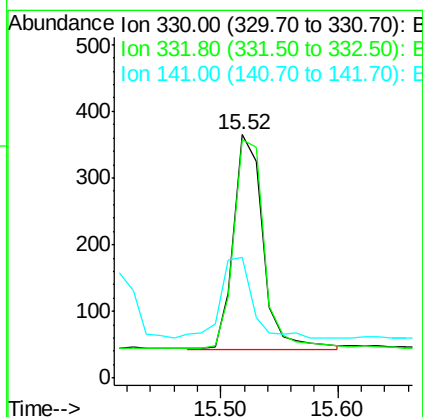
RT: 15.52 min Scan# 1154

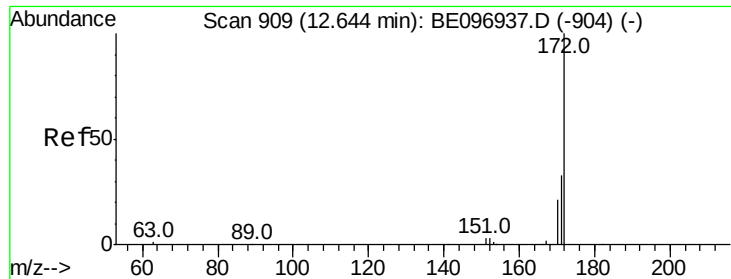
Delta R.T. 0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Tgt Ion:	330	Resp:	569
Ion	Ratio	Lower	Upper
330	100		
332	96.3	152.7	229.1#
141	38.1	33.7	50.5





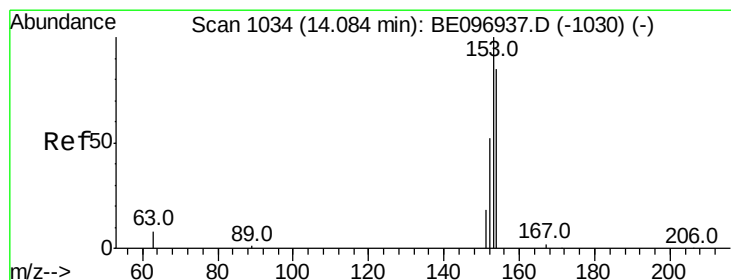
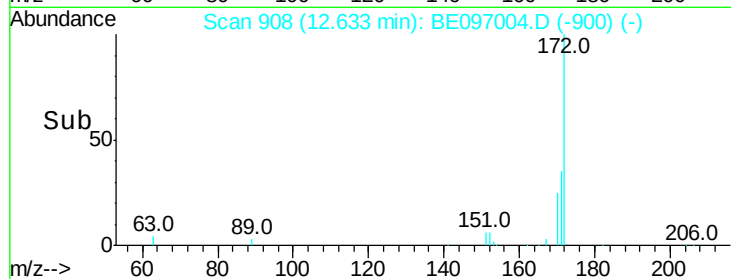
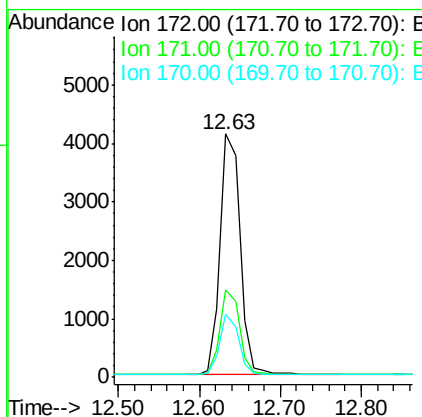
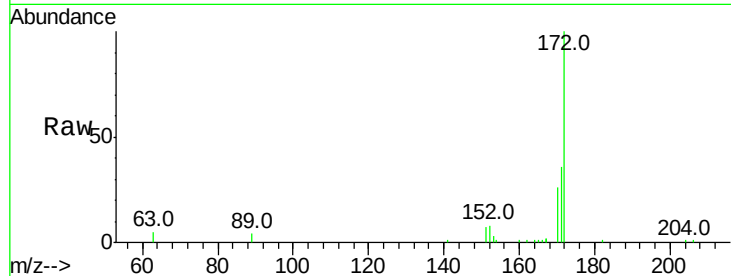
#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Instrument :
BNA_E
ClientSampleId :
RE122D1-071218

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	26.1	21.8	32.8

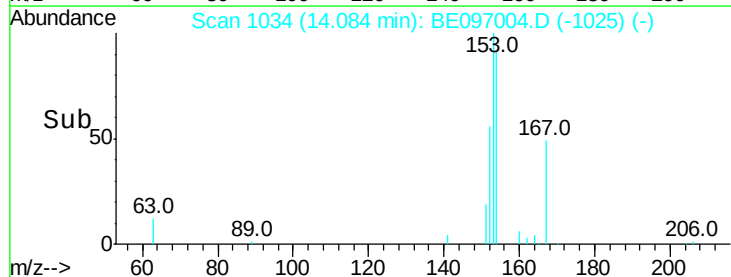
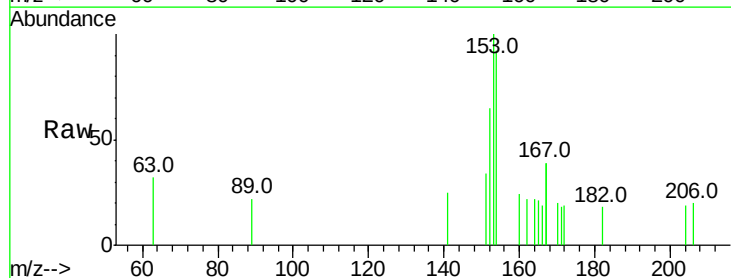
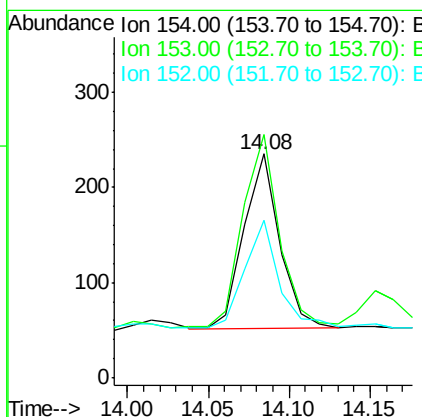
Manual Integrations
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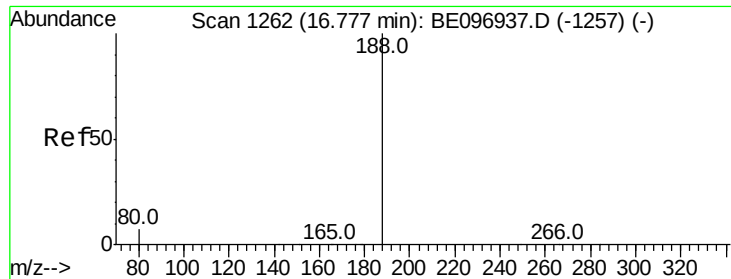
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#17
Acenaphthene
Concen: 0.024 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.2	133.8
152	60.1	42.0	63.0





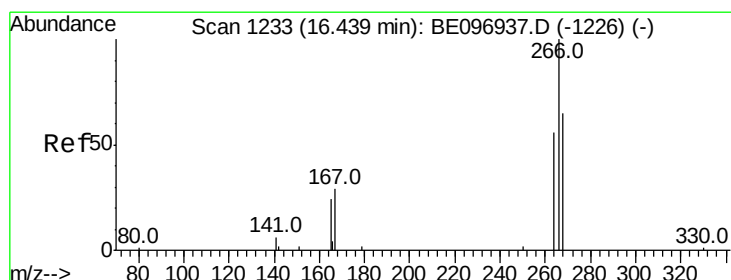
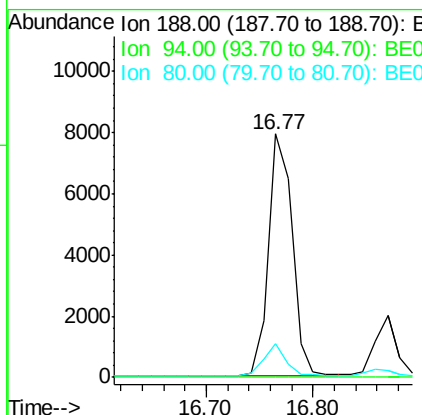
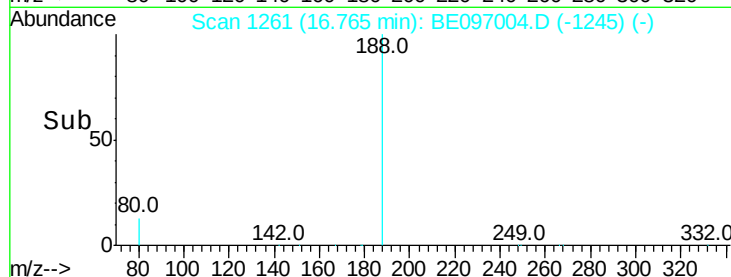
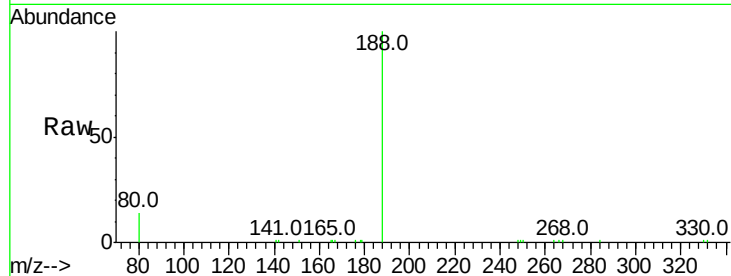
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Instrument :
BNA_E
ClientSampleId :
RE122D1-071218

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.6	3.6	5.4#

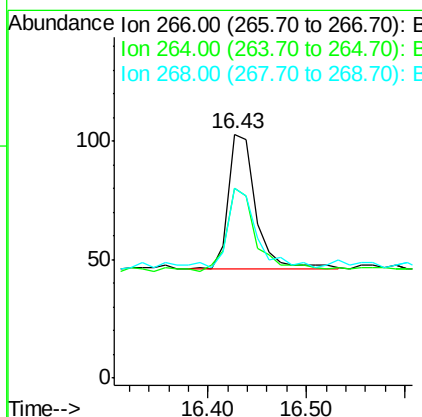
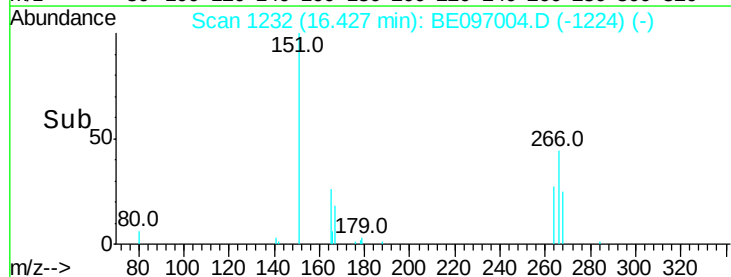
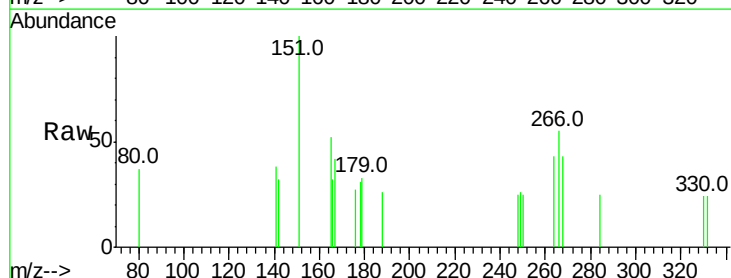
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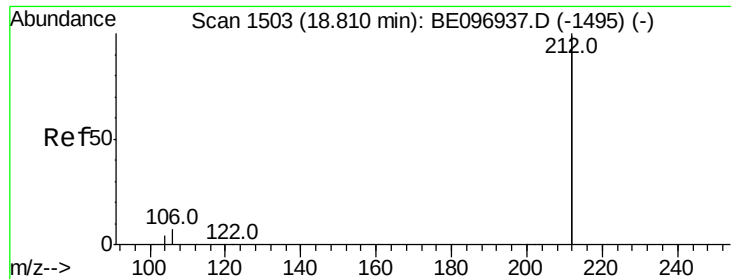
Sohil
7/20/2018 10:36:52 AM



#22
Pentachlorophenol
Concen: 0.127 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.7	72.5	108.7
268	77.7	73.8	110.6





#25

Fluoranthene-d10

Concen: 0.535 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Instrument :

BNA_E

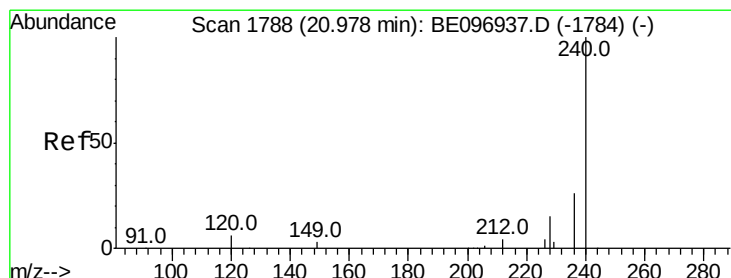
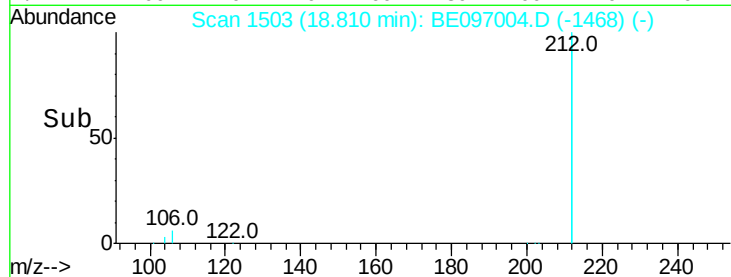
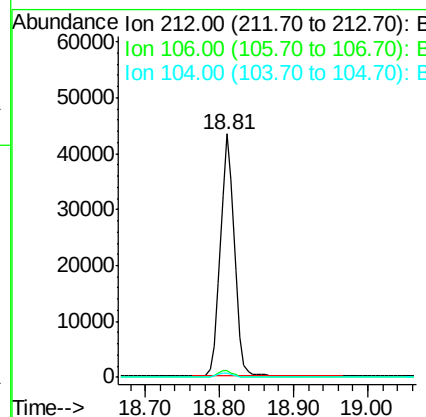
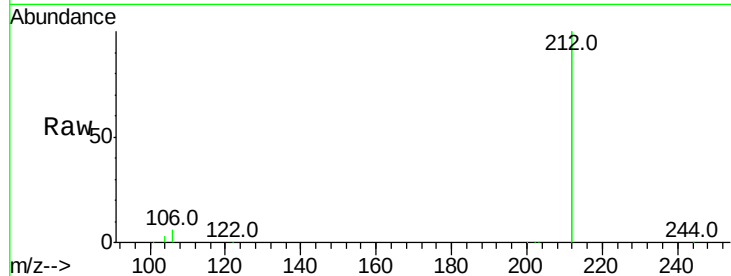
ClientSampleId :

RE122D1-071218

Tot Ion:	212	Resp:	57052
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.6	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

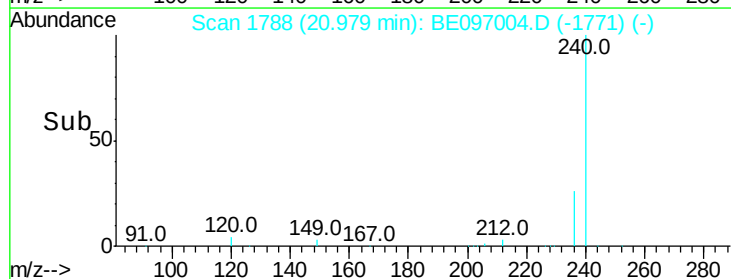
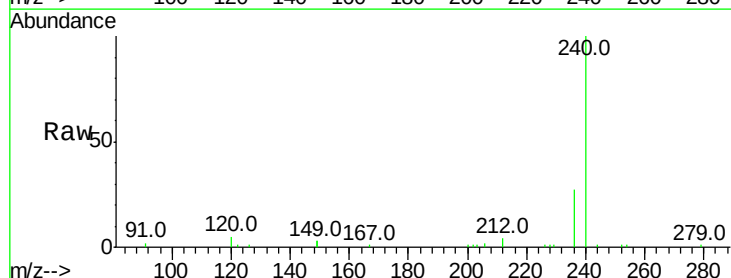
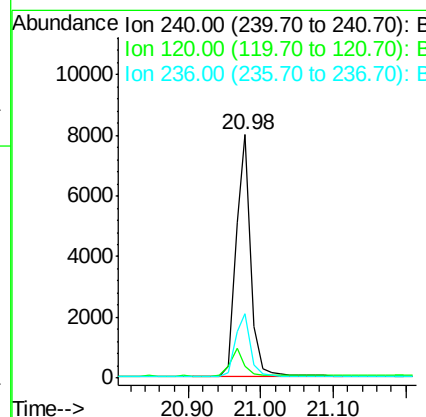
RT: 20.98 min Scan# 1788

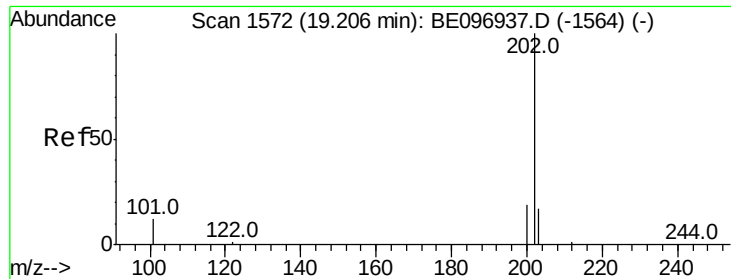
Delta R.T. 0.00 min

Lab File: BE097004.D

Acq: 19 Jul 2018 14:35

Tgt Ion:	240	Resp:	11424
Ion Ratio	Lower	Upper	
240	100		
120	4.8	5.5	8.3#
236	26.7	20.7	31.1





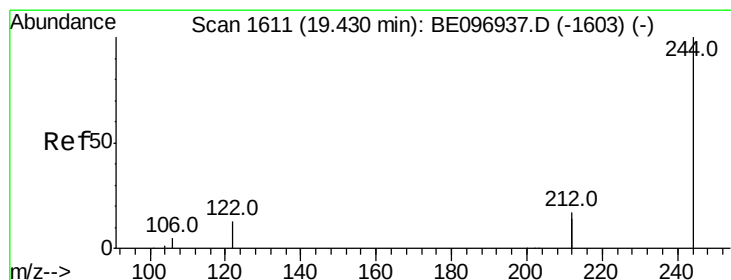
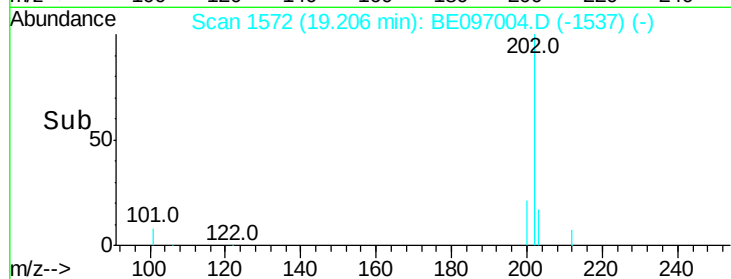
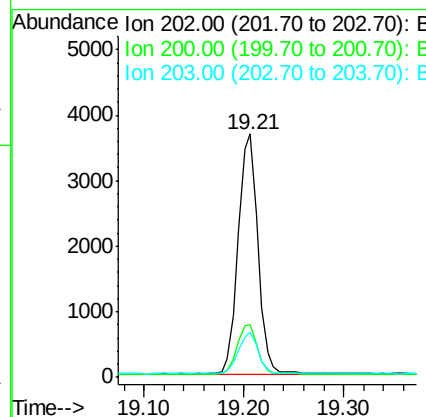
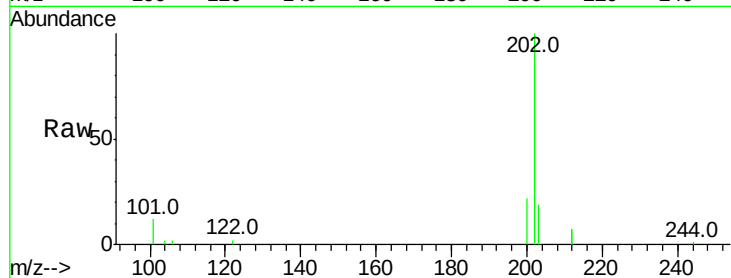
#28
 Pvrene
 Concen: 0.149 ng
 RT: 19.21 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BE097004.D
 Acq: 19 Jul 2018 14:35

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-071218

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.3	13.8	20.8

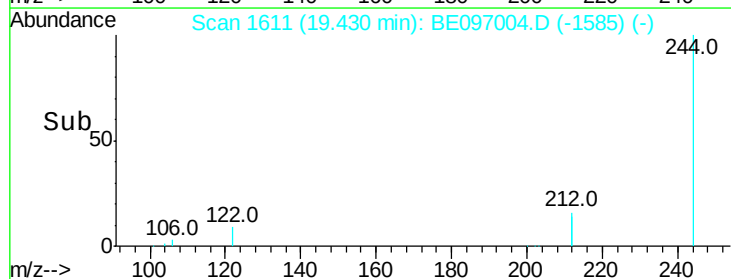
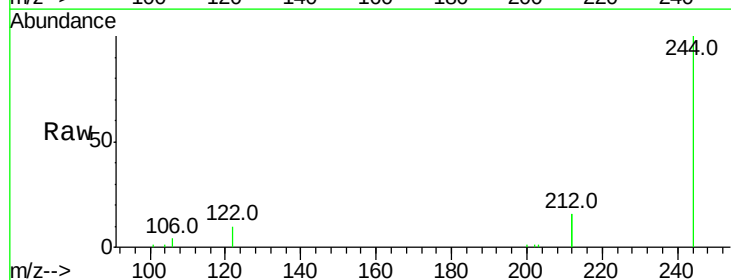
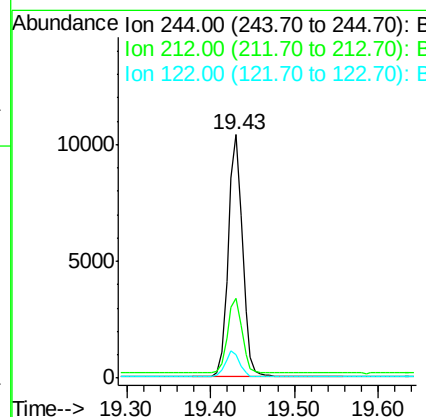
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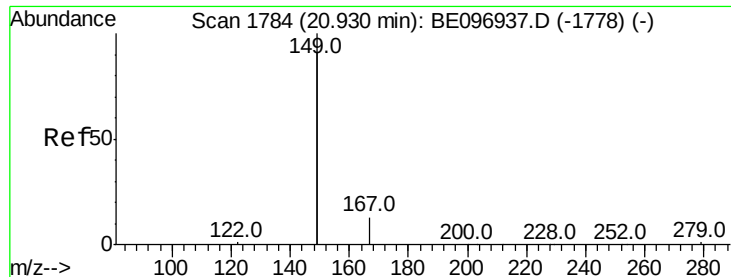
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#29
 Terphenyl-d14
 Concen: 0.560 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097004.D
 Acq: 19 Jul 2018 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.4	38.0
122	9.7	8.1	12.1





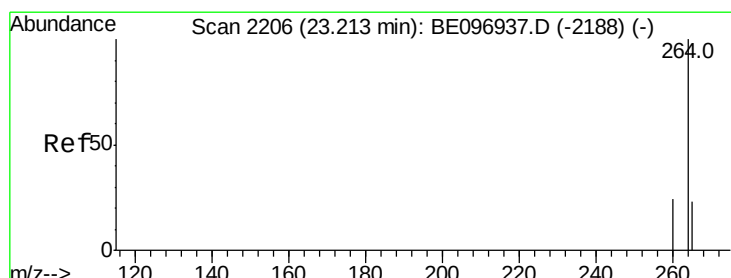
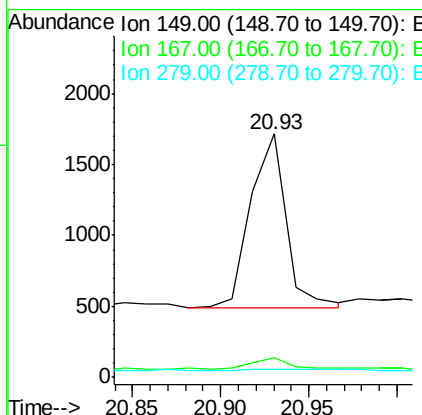
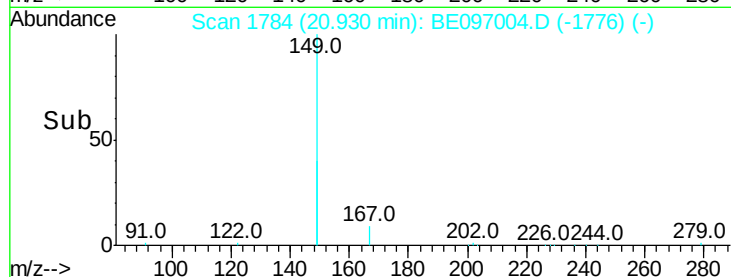
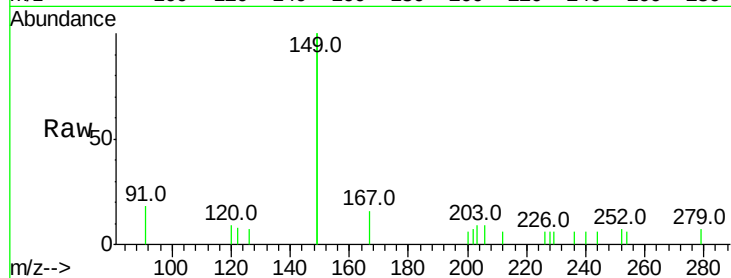
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Instrument :
BNA_E
ClientSampleId :
RE122D1-071218

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.5	0.7	1.1

Manual Integrations
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097004.D
Acq: 19 Jul 2018 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	26.7	22.8	34.2

