

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097006.D
 Acq On : 19 Jul 2018 15:50
 Operator : SJ/JU
 Sample : J4014-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RB01-071218

Manual Integrations
 APPROVED

Sohil
 7/20/2018 10:36:56 AM

Quant Time: Jul 19 16:43:46 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	1385	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6171	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3741	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11287	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	10771	0.40	ng	0.00
34) Perylene-d12	23.21	264	10095	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	446	0.13	ng	0.01
5) Phenol-d6	6.60	99	408	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	2208	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3628	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	134m	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	6929	0.50	ng	-0.01
25) Fluoranthene-d10	18.81	212	54129	0.55	ng	0.00
29) Terphenyl-d14	19.43	244	11705	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	926	0.467	ng	# 85
9) Naphthalene	10.20	128	1113	0.020	ng	# 84
28) Pyrene	19.21	202	977	0.031	ng	97
32) Bis(2-ethylhexyl)phthalate	20.93	149	1535	0.060	ng	# 100

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

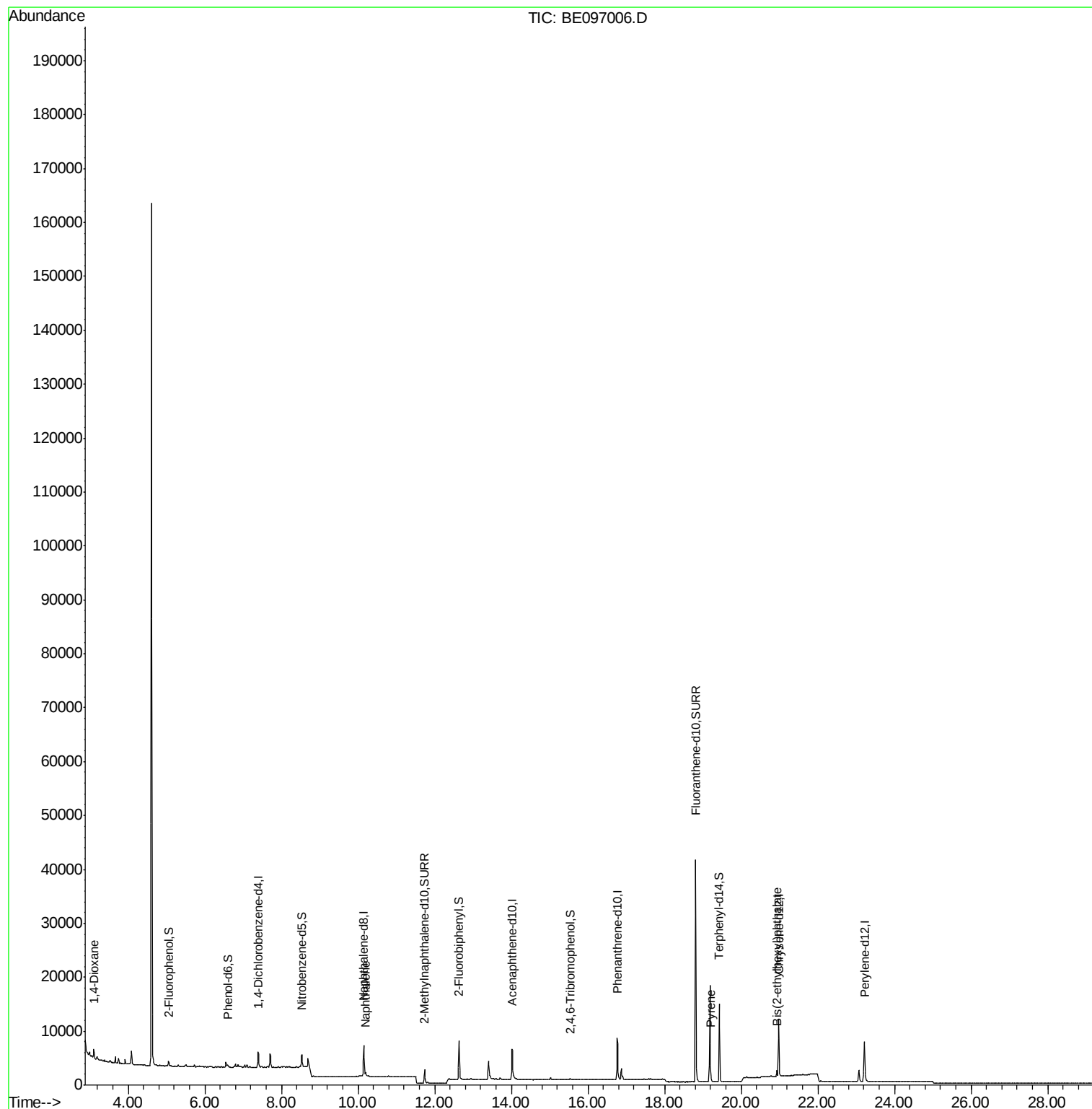
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
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ALS Vial : 8 Sample Multiplier: 1

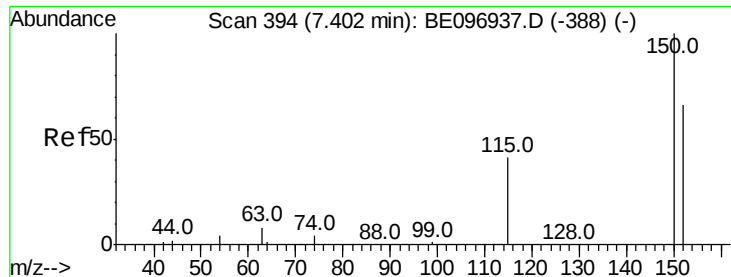
Instrument :
BNA_E
ClientSampleId :
RB01-071218

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7/20/2018 10:36:56 AM

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#1

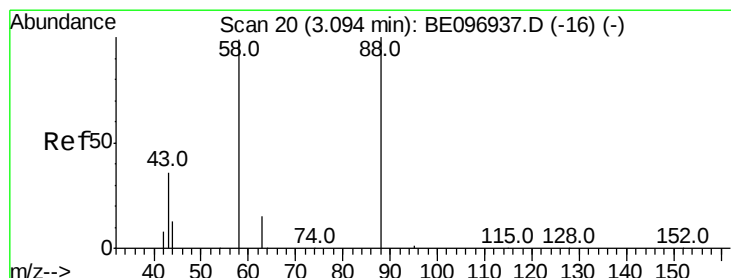
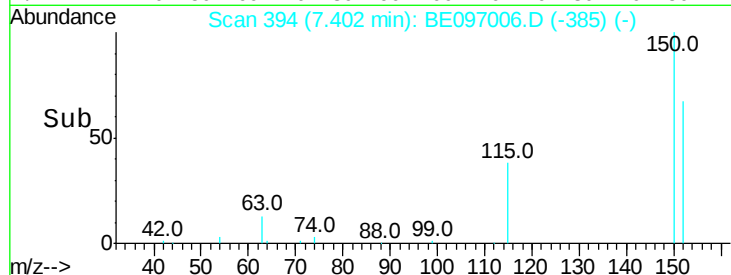
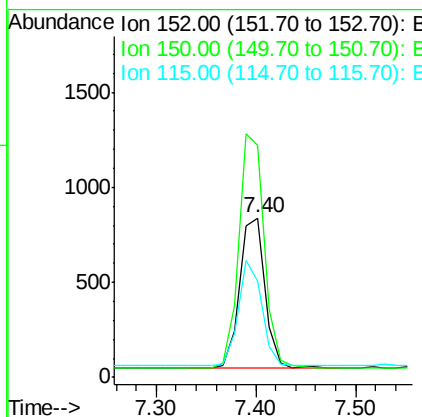
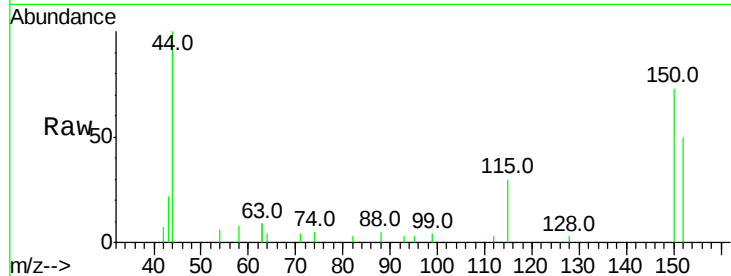
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :
RB01-071218

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	60.8	57.0	85.6

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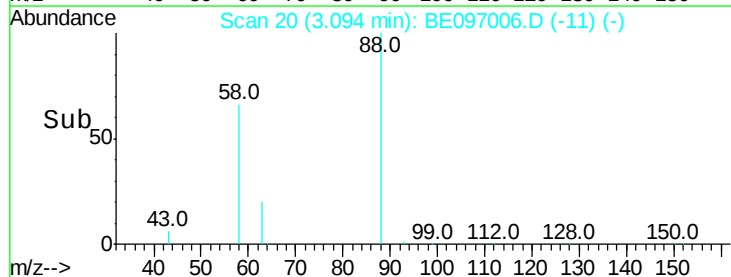
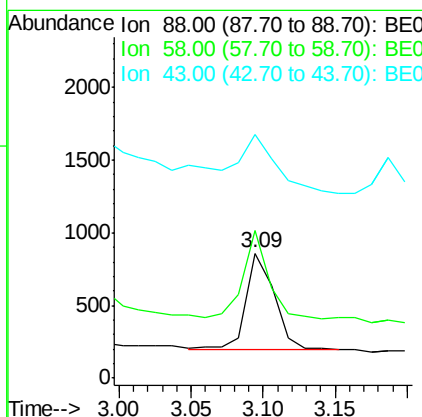
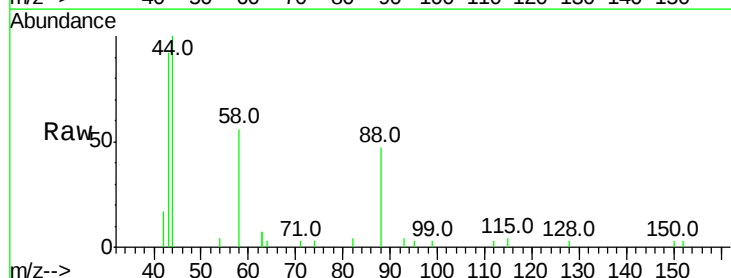
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#2

1,4-Dioxane
Concen: 0.467 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.2	94.8
43	76.7	41.2	61.8





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Instrument :

BNA_E

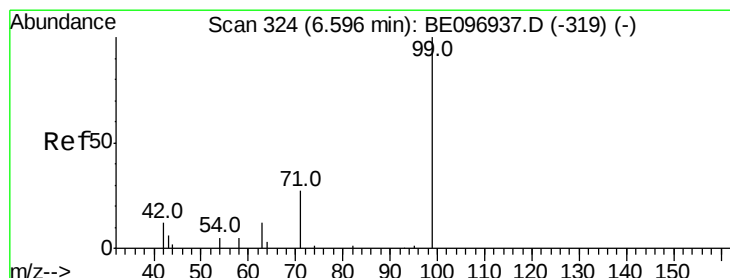
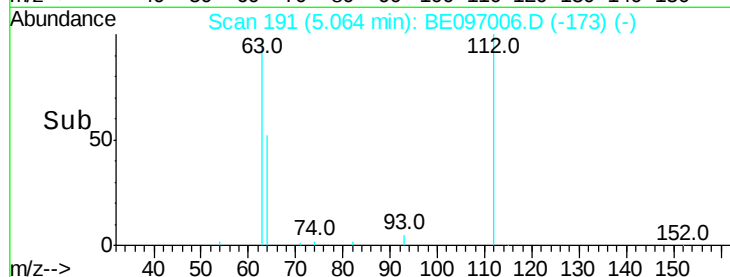
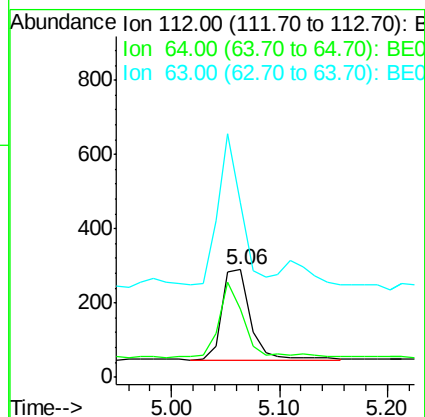
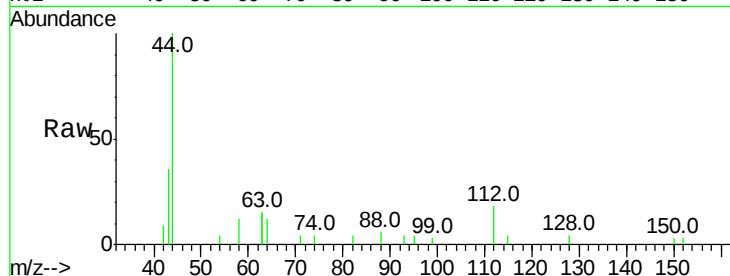
ClientSampleId :

RB01-071218

Tot Ion	Ratio	Lower	Upper
112	100		
64	80.5	60.1	90.1
63	141.5	116.8	175.2

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#5

Phenol-d6

Concen: 0.081 ng

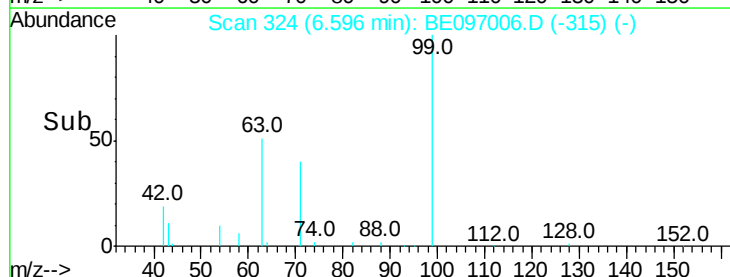
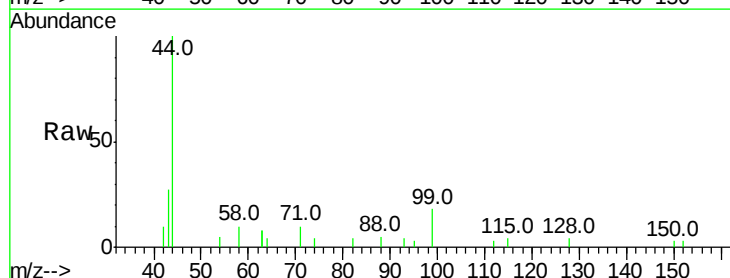
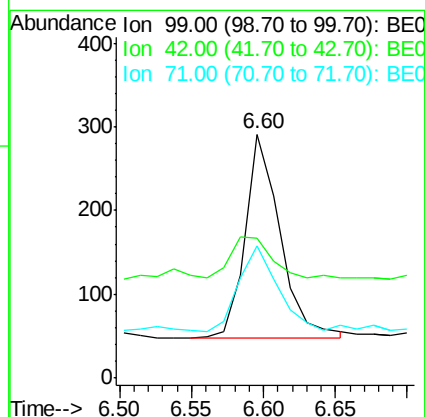
RT: 6.60 min Scan# 324

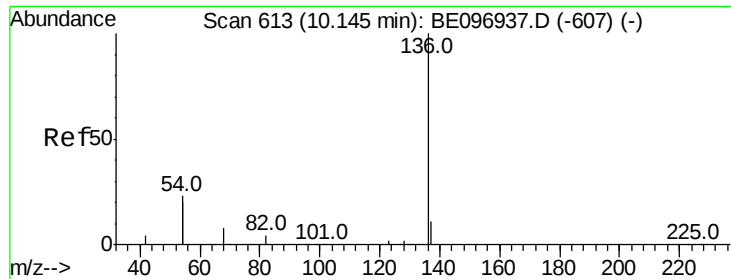
Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	46.3	28.4	42.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Instrument :

BNA_E

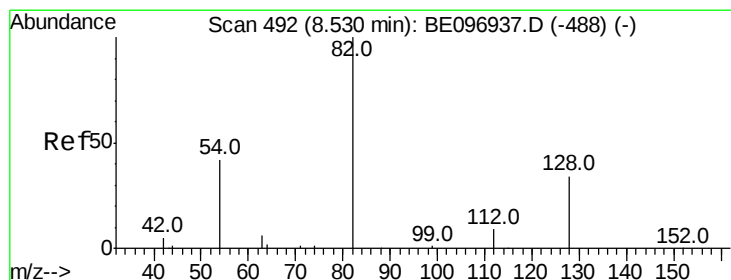
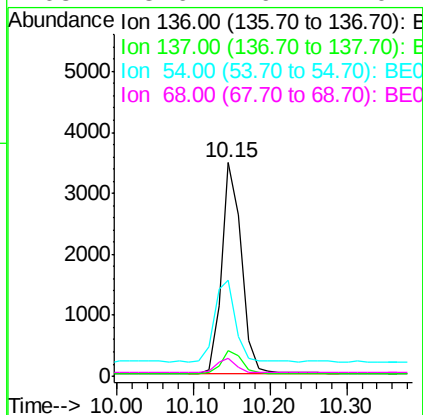
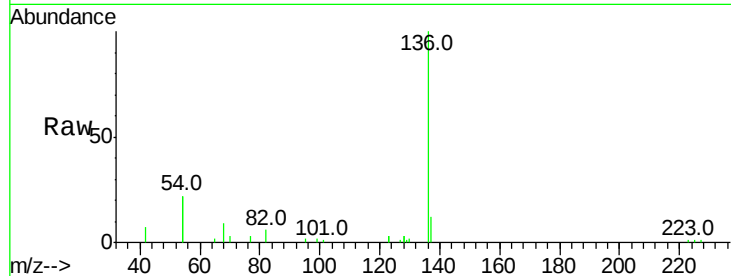
ClientSampleId :

RB01-071218

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	44.7	29.1	43.7
68	8.6	6.2	9.2

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#8

Nitrobenzene-d5

Concen: 0.491 ng

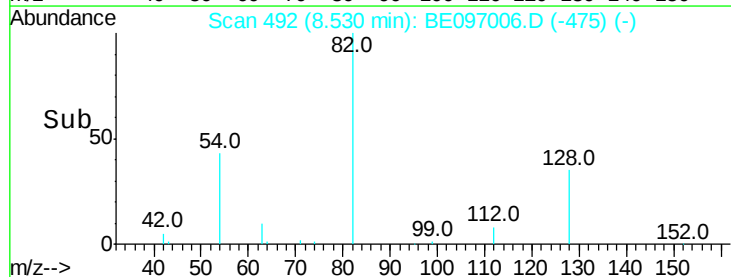
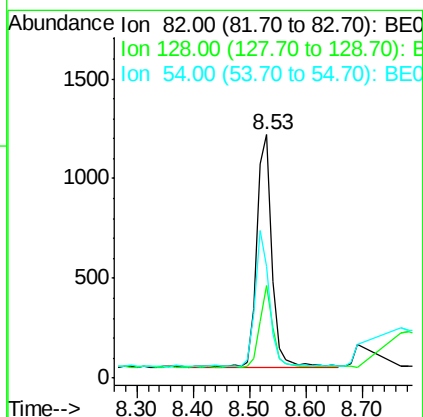
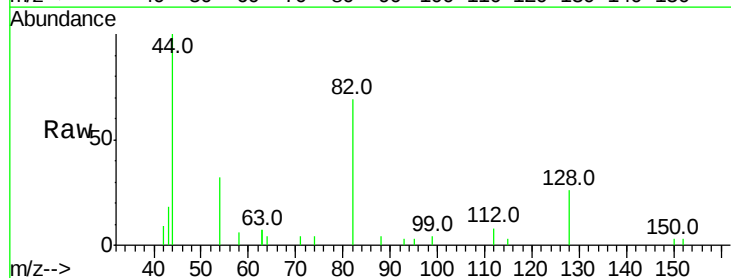
RT: 8.53 min Scan# 492

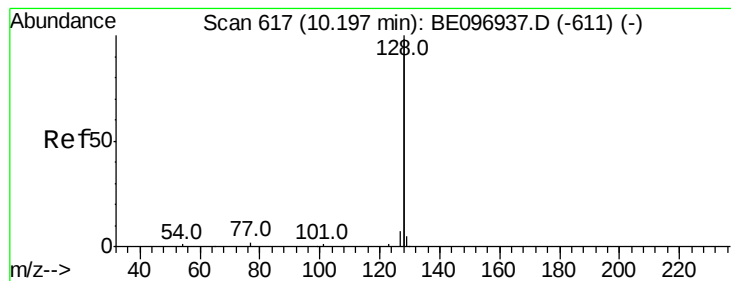
Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	24.0	36.0
54	45.9	40.0	60.0





#9

Naphthalene

Concen: 0.020 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Instrument :

BNA_E

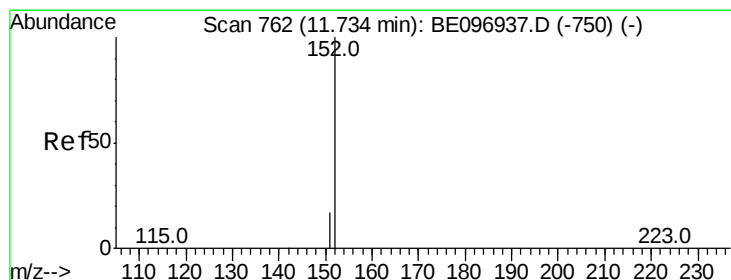
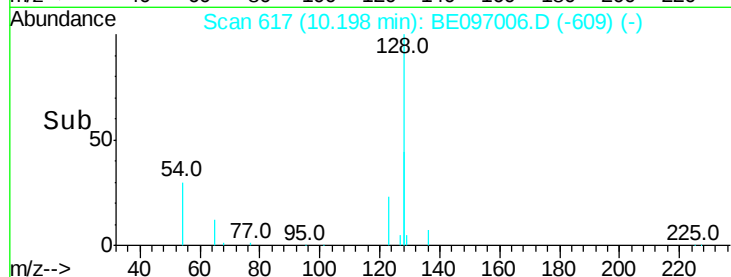
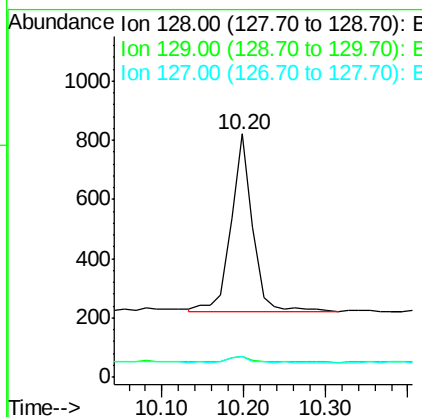
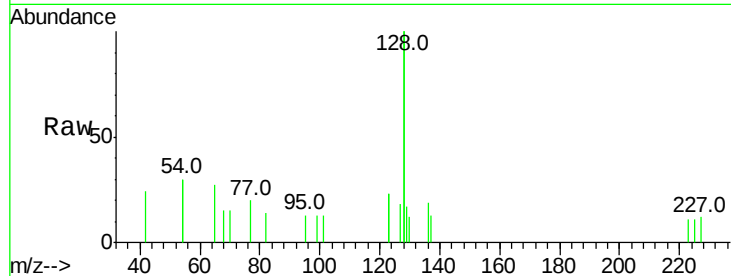
ClientSampleId :

RB01-071218

Tot Ion:	128	Resp:	1113
Ion Ratio	Lower	Upper	
128	100		
129	8.6	2.6	3.8#
127	8.8	2.8	4.2#

Manual Integrations
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#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

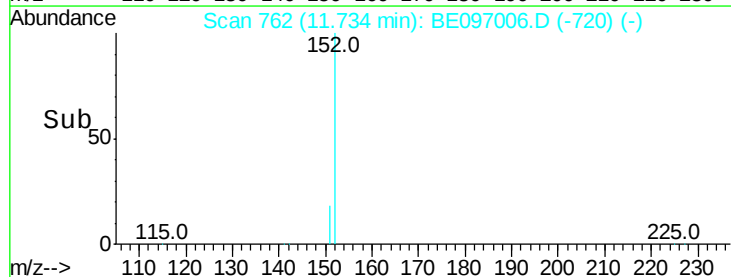
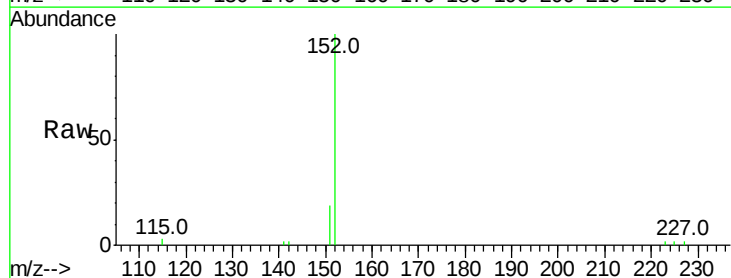
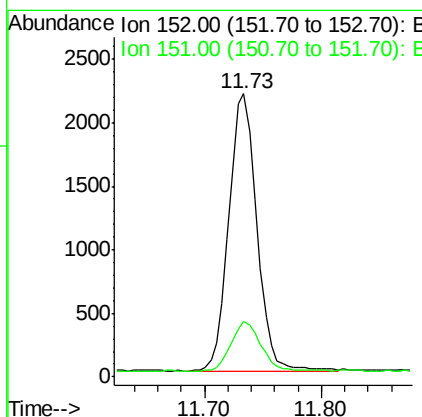
RT: 11.73 min Scan# 762

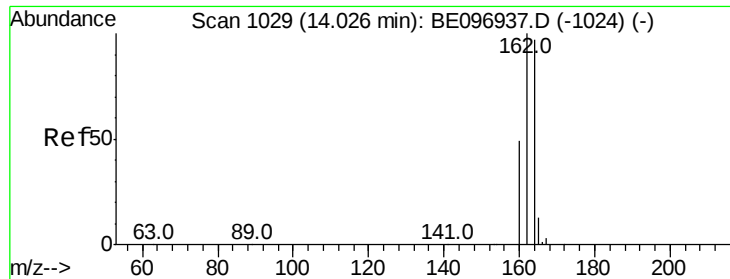
Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Tgt Ion:	152	Resp:	3628
Ion Ratio	Lower	Upper	
152	100		
151	18.8	15.4	23.0





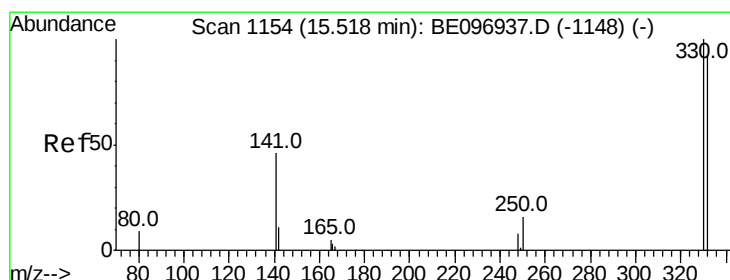
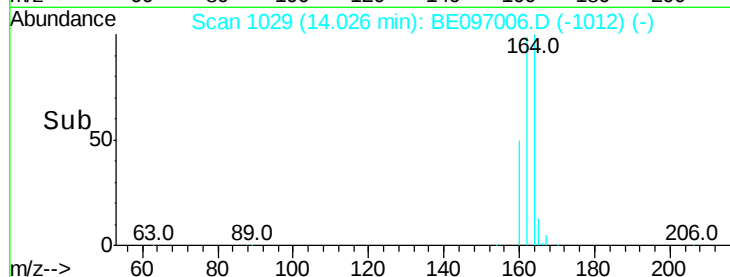
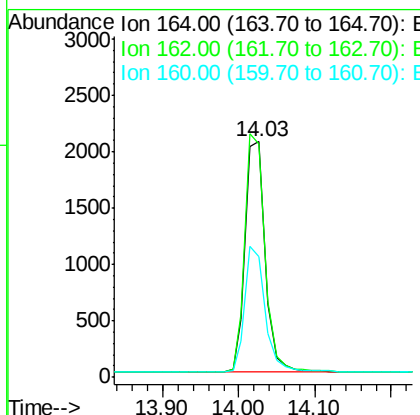
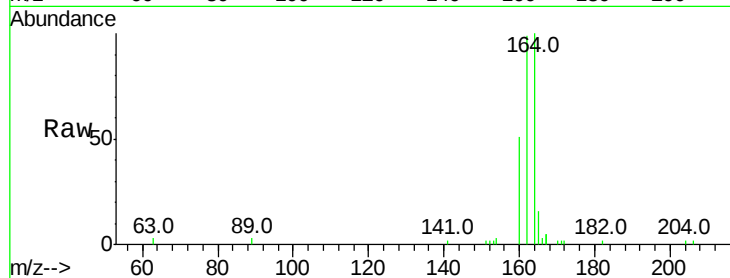
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :
RB01-071218

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.1	124.7
160	51.3	37.1	55.7

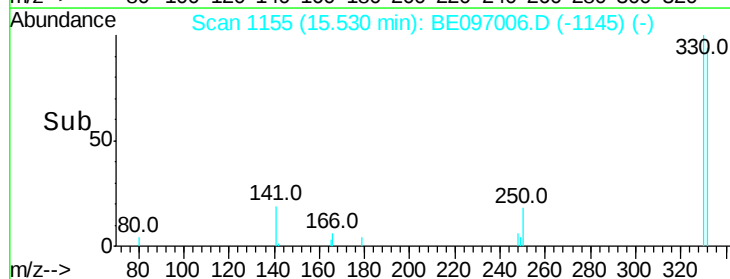
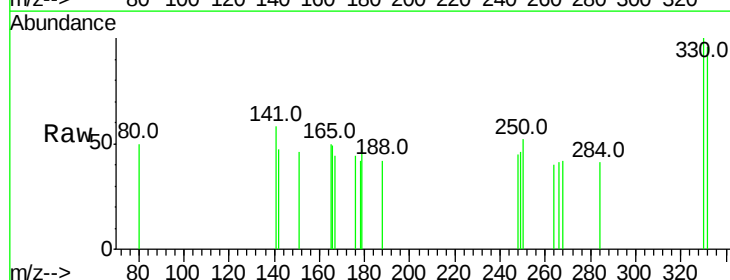
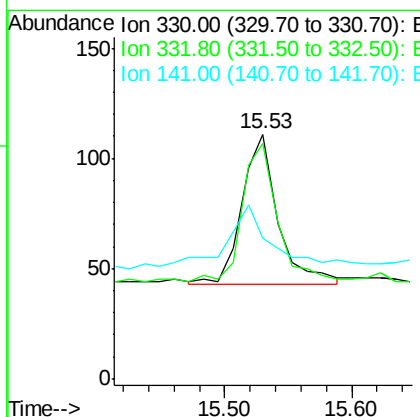
Manual Integrations
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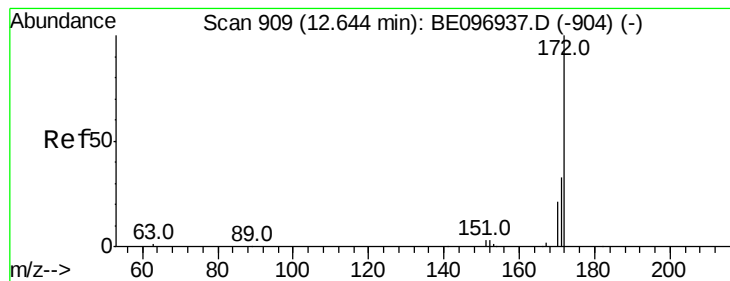
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#14
2,4,6-Tribromophenol
Concen: 0.199 ng m
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	89.6	152.7	229.1#
141	43.3	33.7	50.5





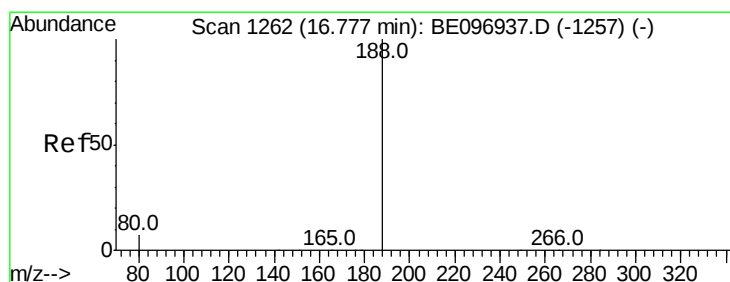
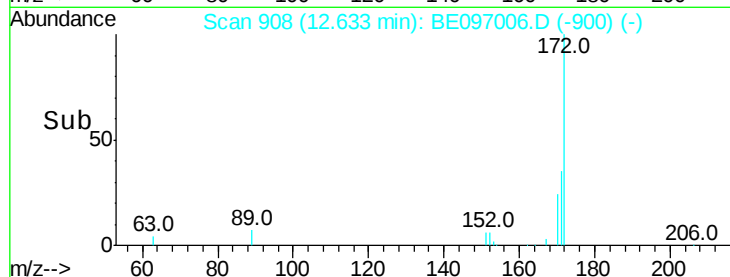
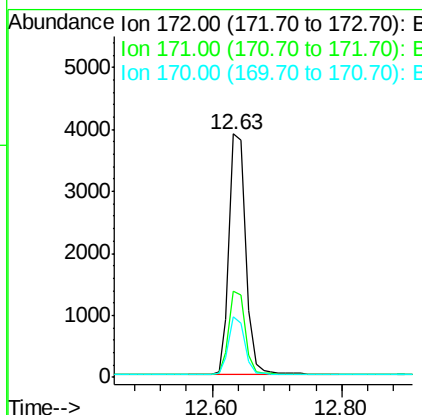
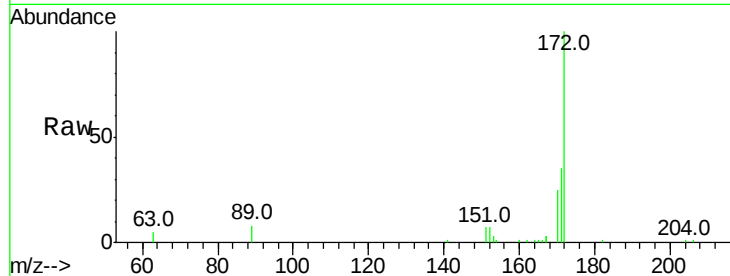
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :
RB01-071218

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	24.9	21.8	32.8

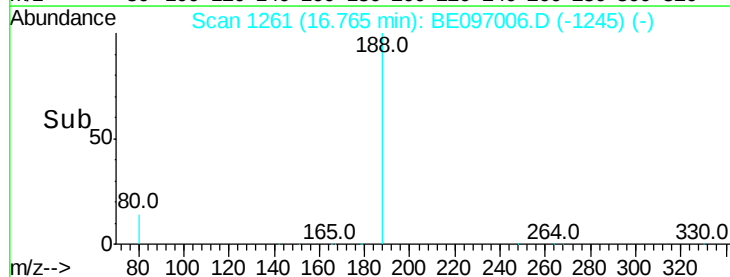
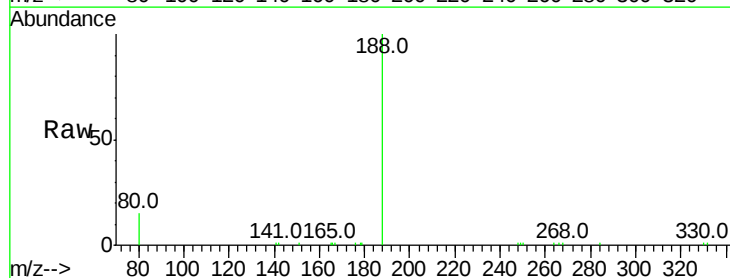
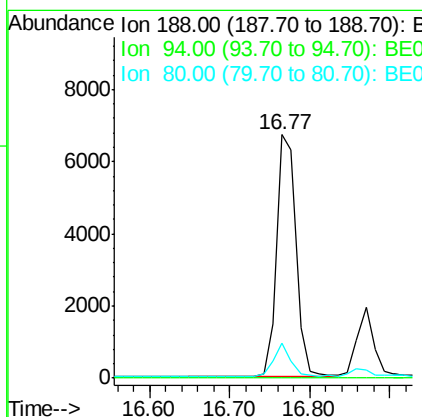
Manual Integrations
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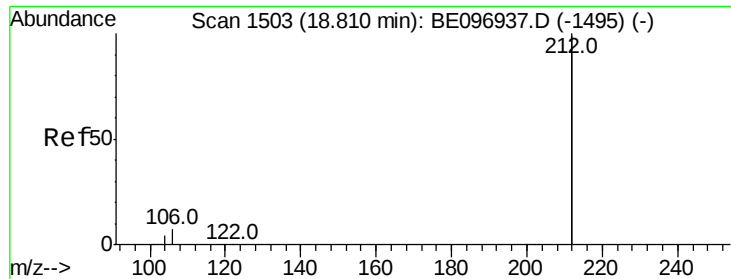
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.5	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.551 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Instrument :

BNA_E

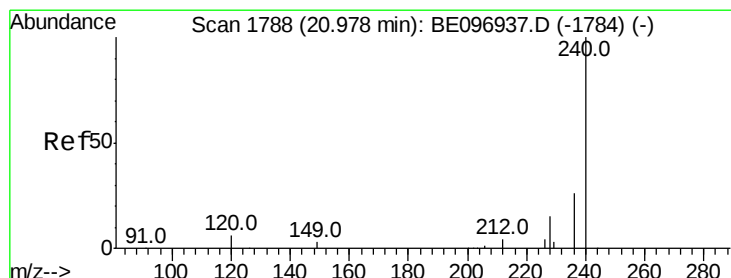
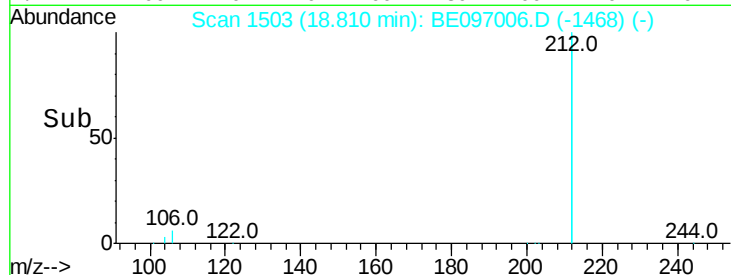
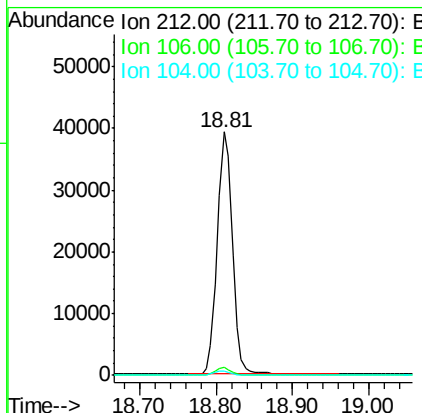
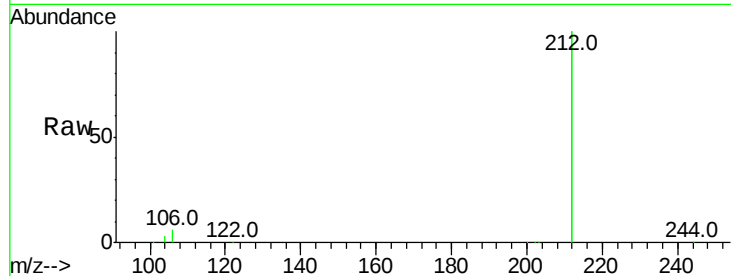
ClientSampleId :

RB01-071218

Tot Ion:	212	Resp:	54129
Ion Ratio	Lower	Upper	
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

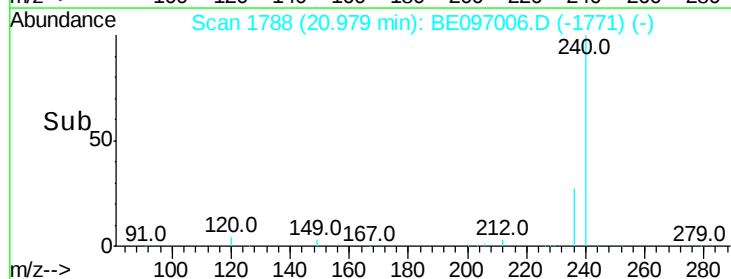
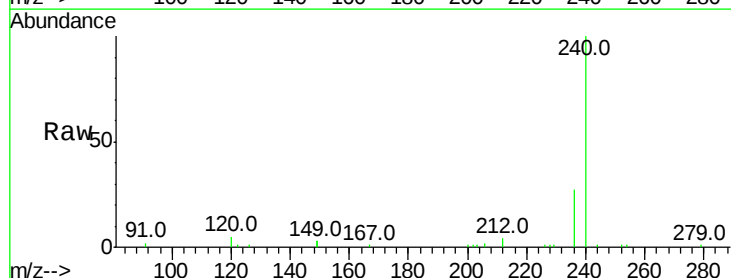
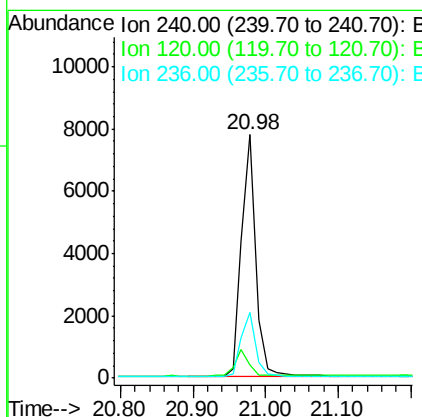
RT: 20.98 min Scan# 1788

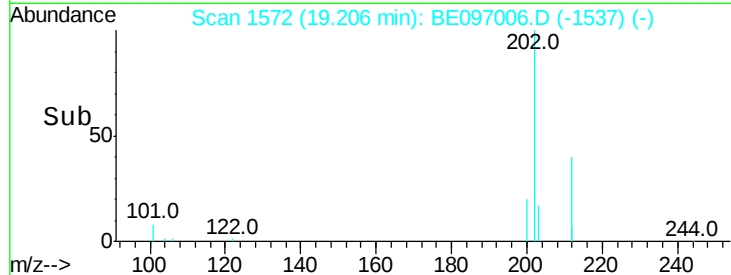
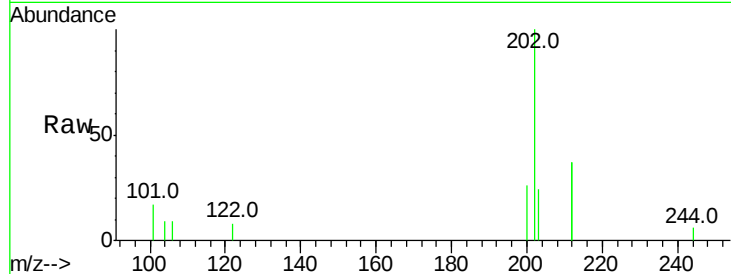
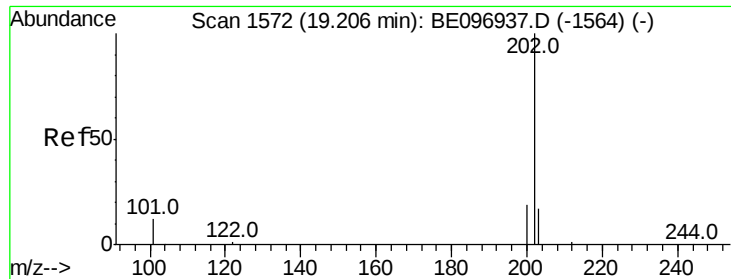
Delta R.T. 0.00 min

Lab File: BE097006.D

Acq: 19 Jul 2018 15:50

Tgt Ion:	240	Resp:	10771
Ion Ratio	Lower	Upper	
240	100		
120	5.4	5.5	8.3#
236	27.2	20.7	31.1





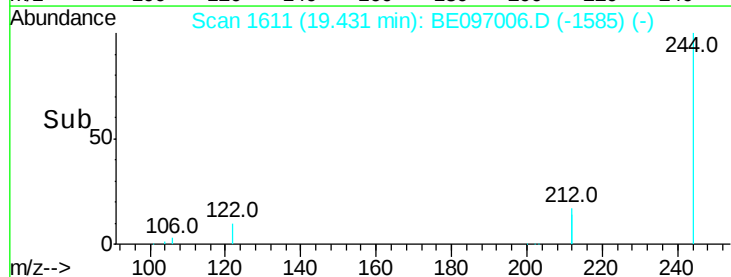
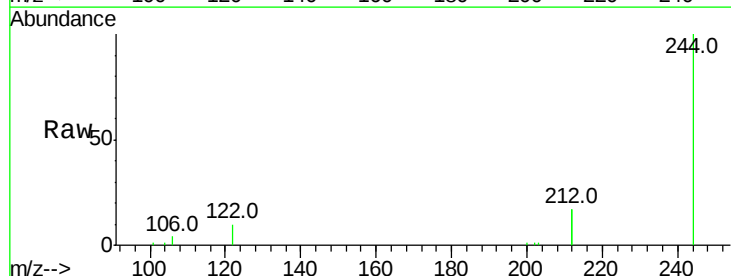
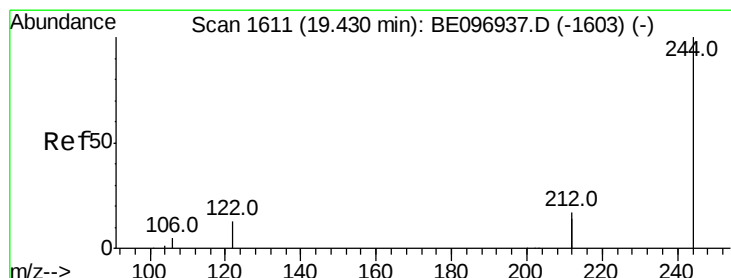
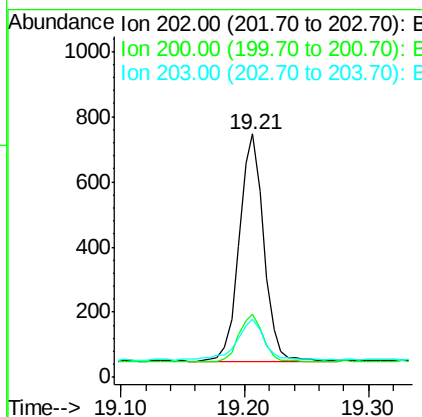
#28
Pvrene
Concen: 0.031 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	20.0	13.8	20.8

Instrument :
BNA_E
ClientSampleId :
RB01-071218

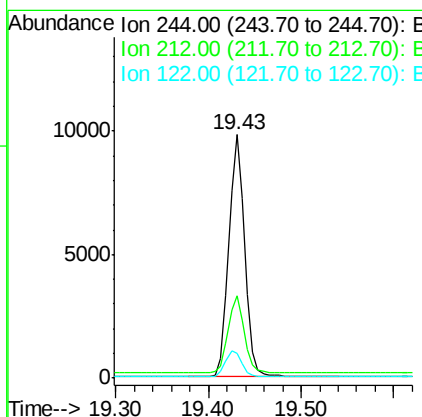
Manual Integrations
APPROVED

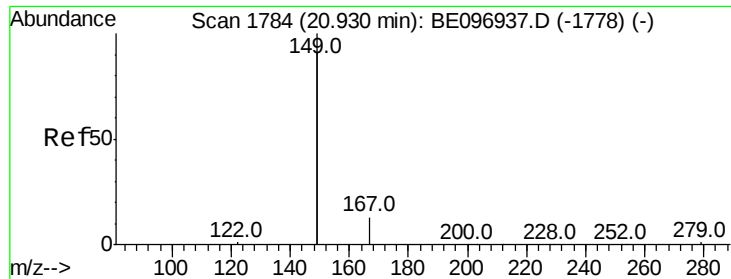
Sohil
7/20/2018 10:36:56 AM



#29
Terphenyl-d14
Concen: 0.563 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.4	38.0
122	10.3	8.1	12.1





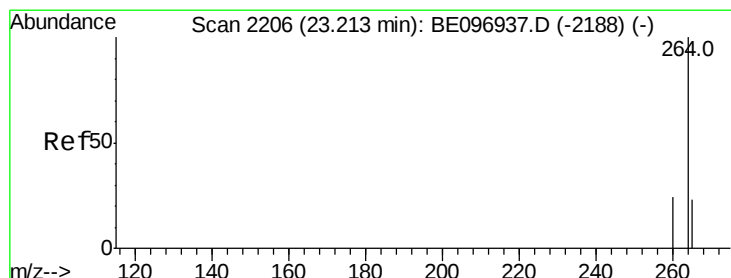
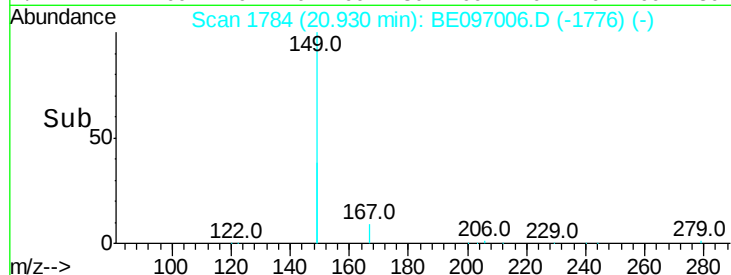
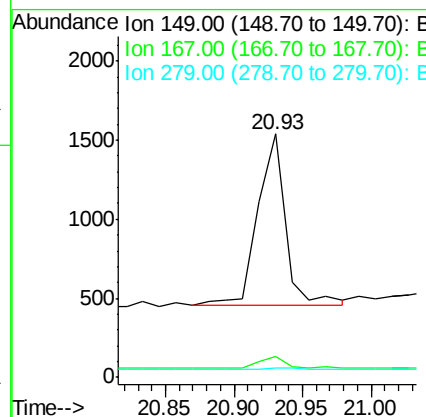
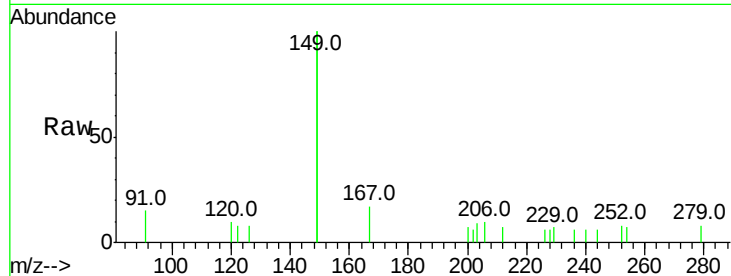
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :
RB01-071218

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	6.8	5.4	8.0
279	2.1	0.7	1.1#

Manual Integrations
APPROVED

Sohil
7/20/2018 10:36:56 AM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.6	22.8	34.2

