

Data Path : Z:\HPCHEM1\BNA E\Data\BE072017\
 Data File : BE093501.D
 Acq On : 20 Jul 2017 14:56
 Operator : SJ/JU
 Sample : I4205-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP07DL

Manual Integrations
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 7/21/2017 5:10:49 PM

Quant Time: Jul 24 08:38:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3302	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19539	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14528	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29063	0.40	ng	0.00
27) Chrysene-d12	21.43	240	32104	0.40	ng	0.00
34) Perylene-d12	23.93	264	28442	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	474	0.05	ng	0.00
5) Phenol-d6	7.11	99	916	0.06	ng	0.01
8) Nitrobenzene-d5	9.08	82	2997	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	3667m	0.12	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	643	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8653	0.15	ng	0.00
25) Fluoranthene-d10	19.29	212	26155	0.07	ng	0.00
29) Terphenyl-d14	19.87	244	7341	0.13	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.77	128	153237m	0.75	ng	
12) 2-Methylnaphthalene	12.38	142	10488	0.31	ng	# 82
17) Acenaphthene	14.60	154	51117	1.15	ng	# 74
18) Fluorene	15.58	166	108848	1.79	ng	# 53
23) Phenanthrene	17.30	178	70951	0.67	ng	# 79
24) Anthracene	17.40	178	41838m	0.65	ng	
26) Fluoranthene	19.32	202	5962	0.06	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.33	149	16840	0.13	ng	# 67

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

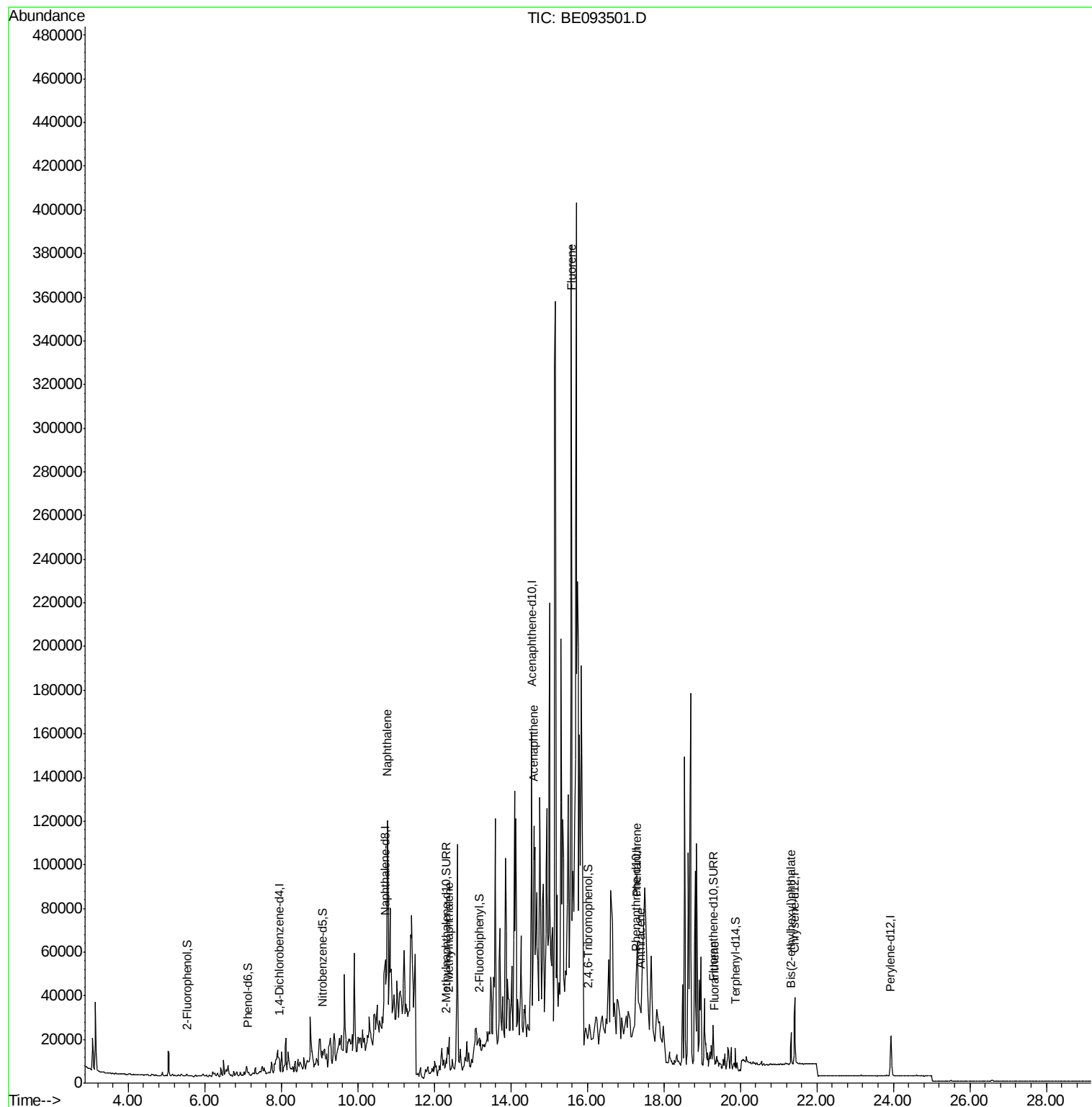
Data Path : Z:\HPCHEM1\BNA E\Data\BE072017\
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Operator : SJ/JU
Sample : I4205-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

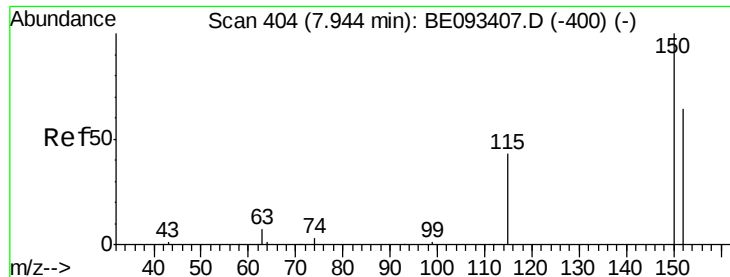
Instrument :
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7/21/2017 5:10:49 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Instrument :

BNA_E

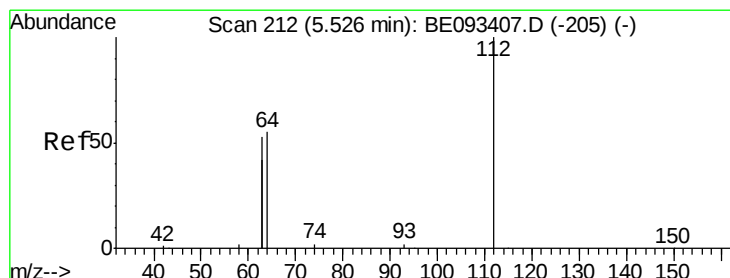
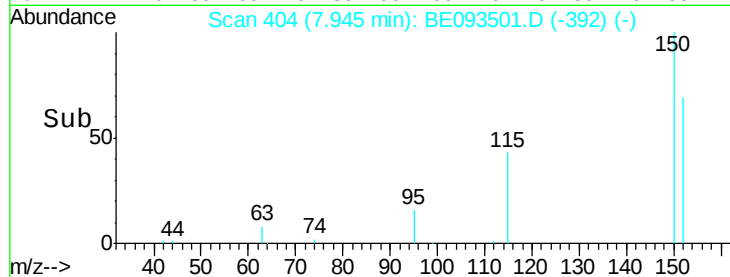
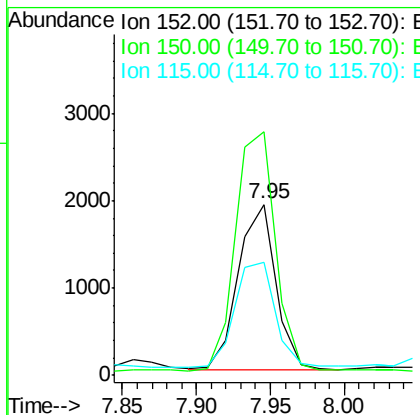
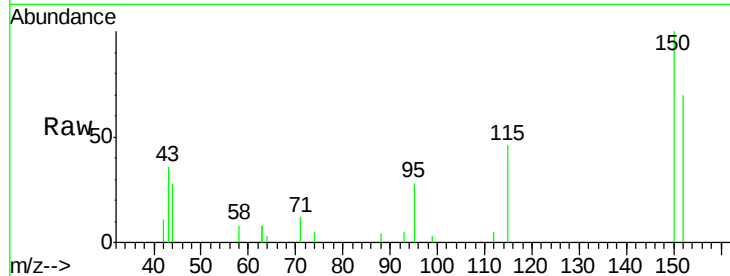
ClientSampleId :

NB-TWP07DL

Tot Ion:	152	Resp:	3302
Ion	Ratio	Lower	Upper
152	100		
150	142.4	125.1	187.7
115	66.0	55.7	83.5

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#4

2-Fluorophenol

Concen: 0.05 ng

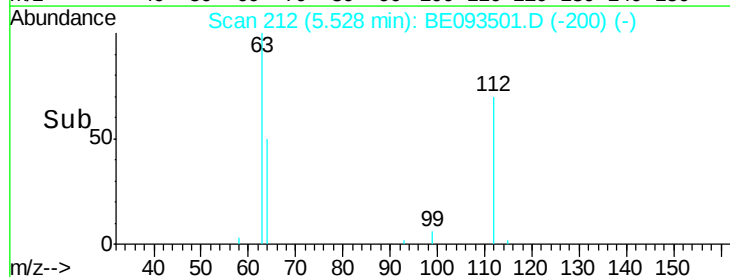
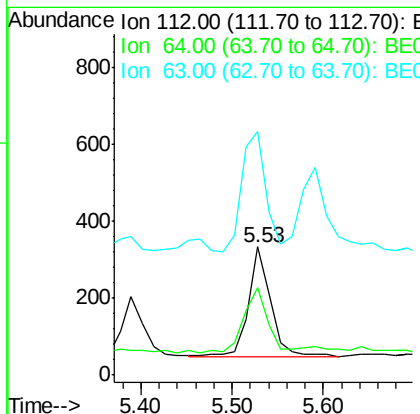
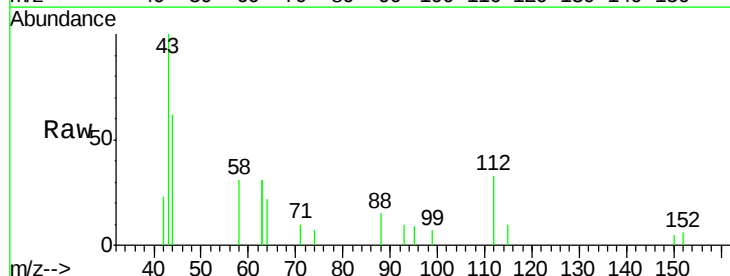
RT: 5.53 min Scan# 212

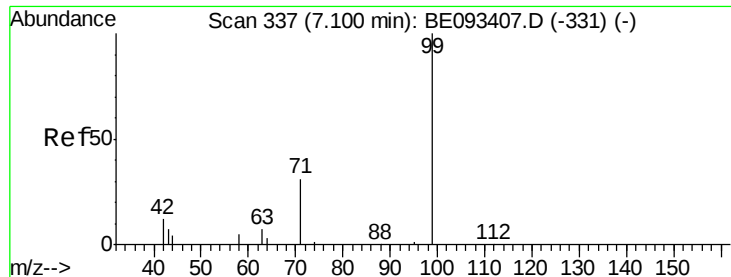
Delta R.T. 0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Tgt Ion:	112	Resp:	474
Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.4	84.6
63	120.3	29.3	43.9#





#5

Phenol-d6

Concen: 0.06 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.01 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Instrument :

BNA_E

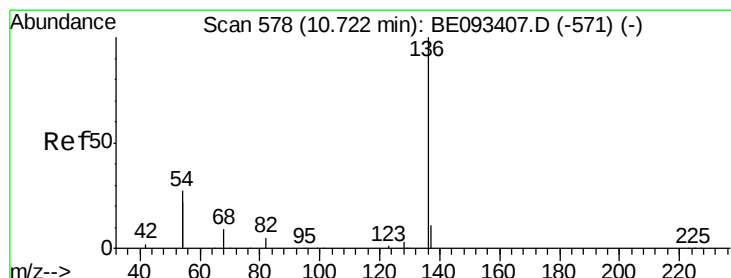
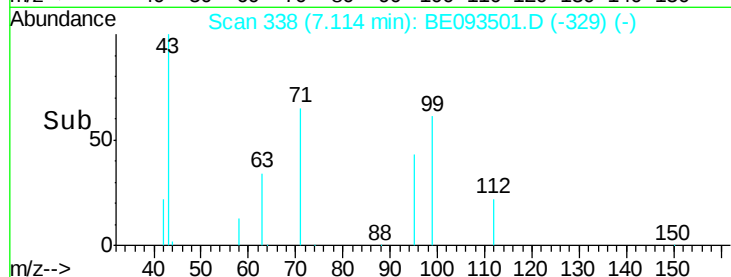
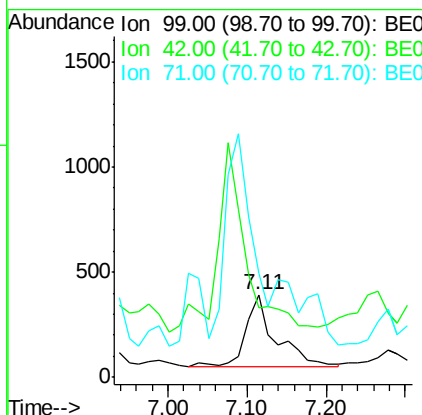
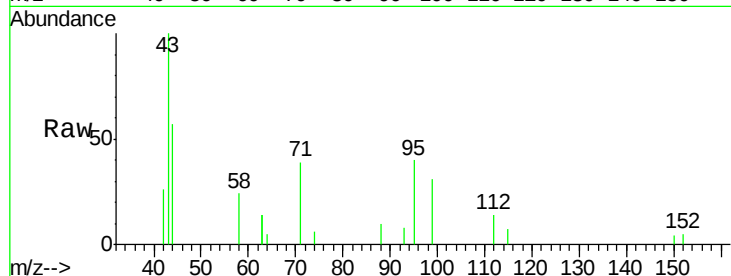
ClientSampled :

NB-TWP07DL

Tot Ion:	99	Resp:	916
Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

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#7

Naphthalene-d8

Concen: 0.40 ng

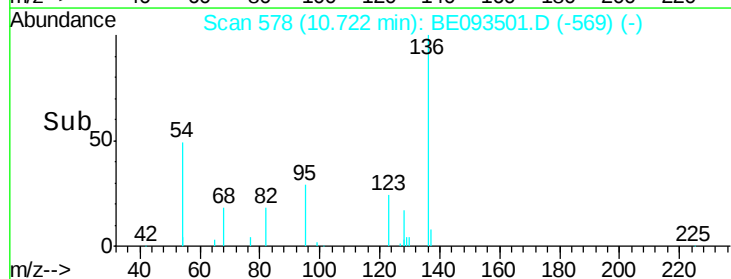
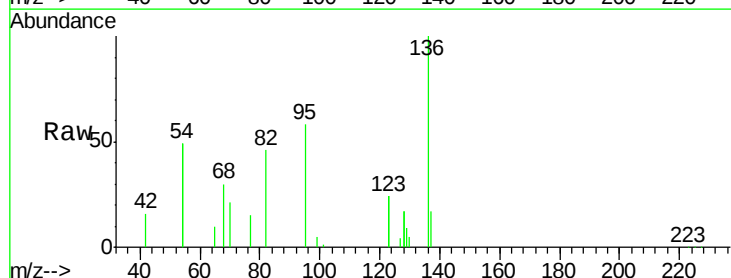
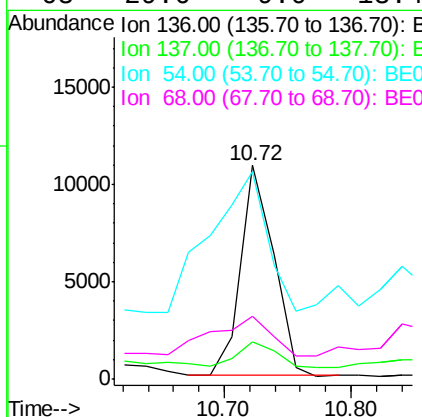
RT: 10.72 min Scan# 578

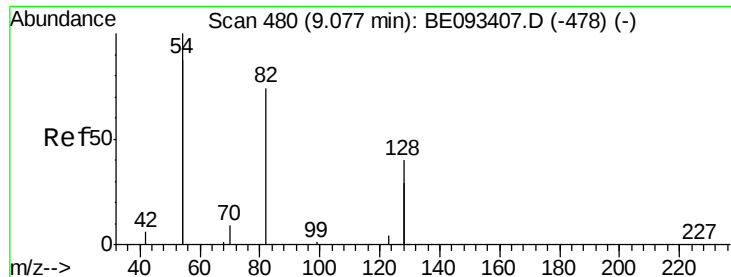
Delta R.T. -0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Tgt Ion:	136	Resp:	19539
Ion	Ratio	Lower	Upper
136	100		
137	17.5	9.8	14.8#
54	97.0	10.3	15.5#
68	29.6	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.24 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Instrument :

BNA_E

ClientSampleId :

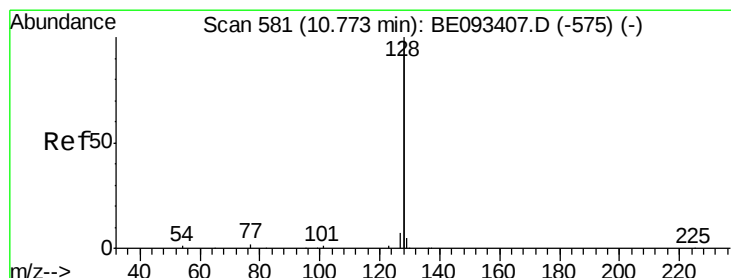
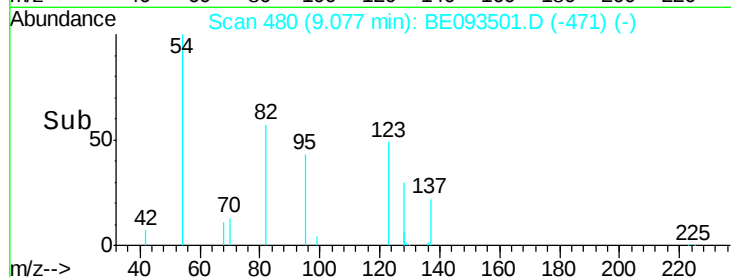
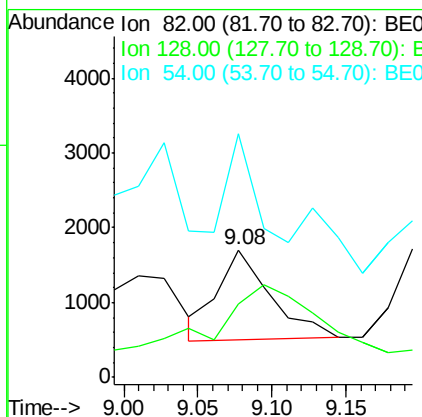
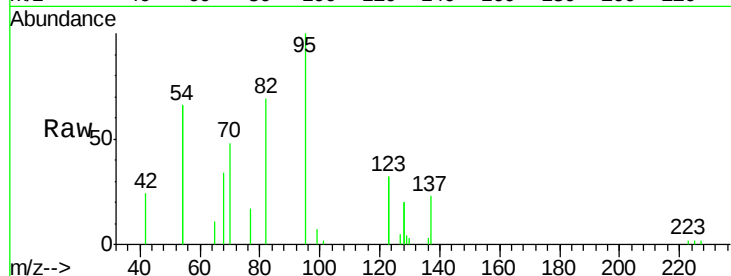
NB-TWP07DL

Tot Ion:	82	Resp:	2997
Ion	Ratio	Lower	Upper
82	100		
128	57.5	17.0	25.4#
54	191.5	53.8	80.6#

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#9

Naphthalene

Concen: 0.75 ng m

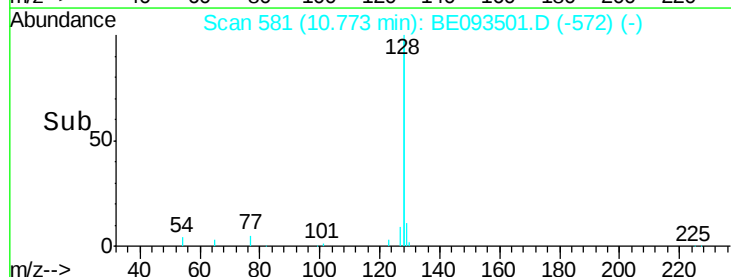
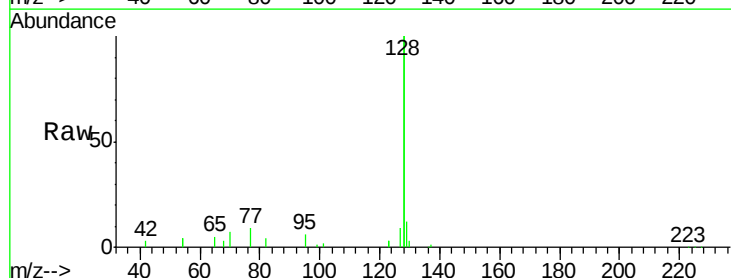
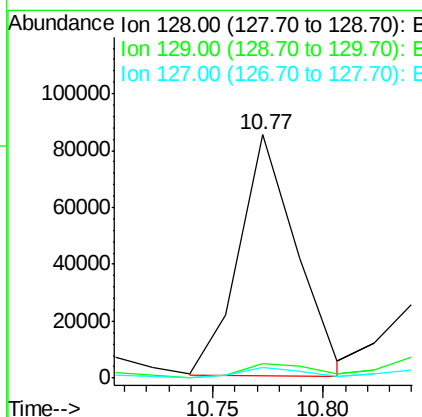
RT: 10.77 min Scan# 581

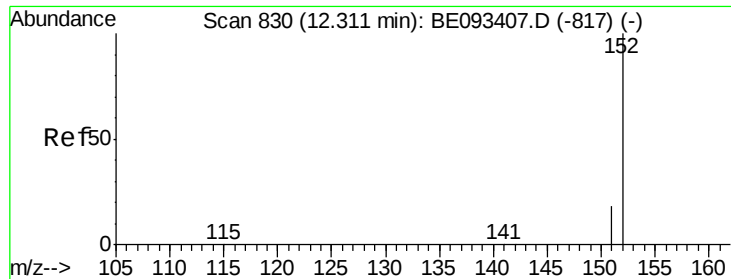
Delta R.T. -0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Tgt Ion:	128	Resp:	153237
Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.4	17.0
127	9.2	11.2	16.8#





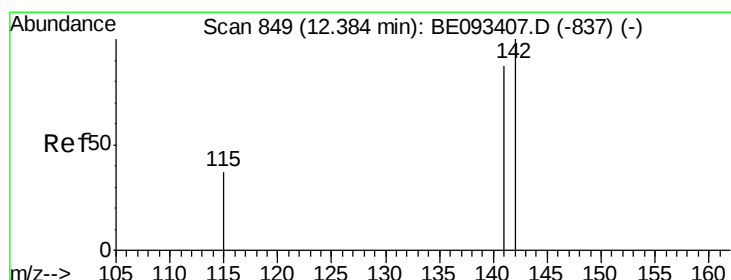
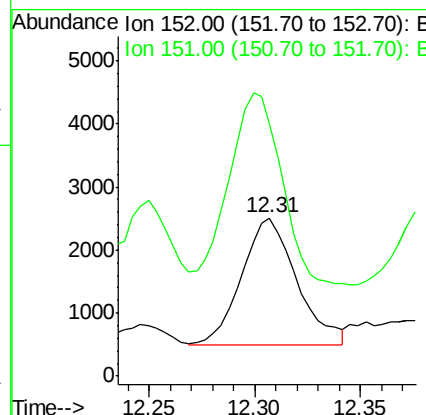
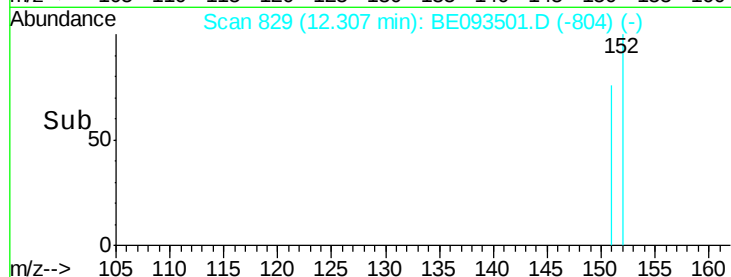
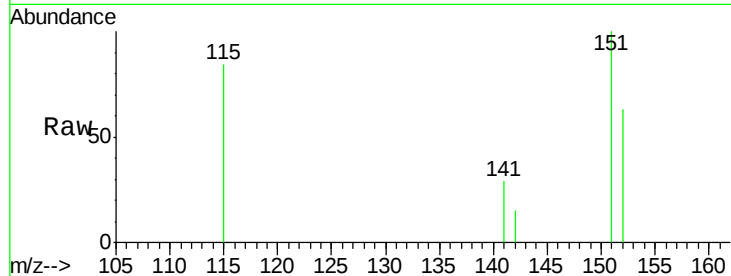
#11
2-Methylnaphthalene-d10
Concen: 0.12 ng/ml
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Instrument :
BNA_E
ClientSampleID :
NB-TWP07DL

Tot Ion:152 Resp: 3667
Ion Ratio Lower Upper
152 100
151 0.0 15.1 22.7#

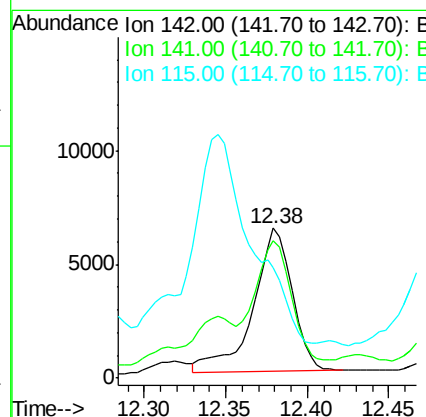
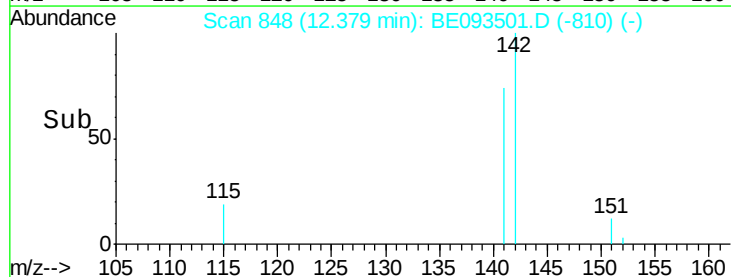
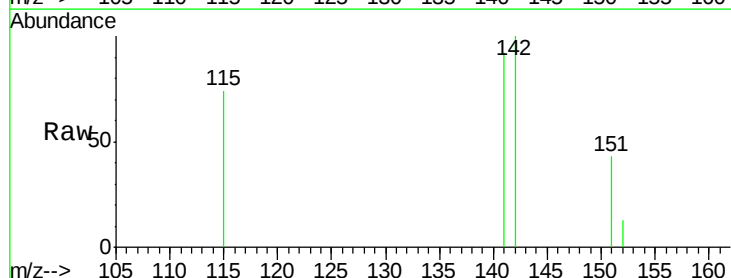
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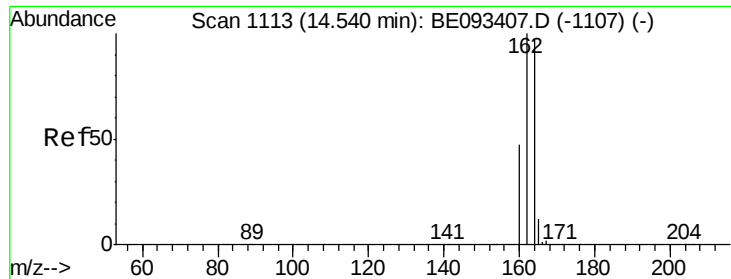
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#12
2-Methylnaphthalene
Concen: 0.31 ng/ml
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Tgt Ion:142 Resp: 10488
Ion Ratio Lower Upper
142 100
141 91.8 72.6 108.8
115 74.0 32.2 48.2#





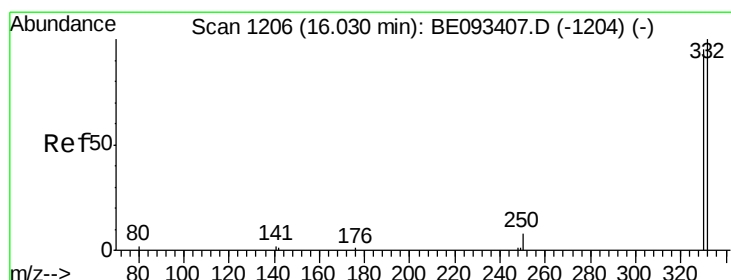
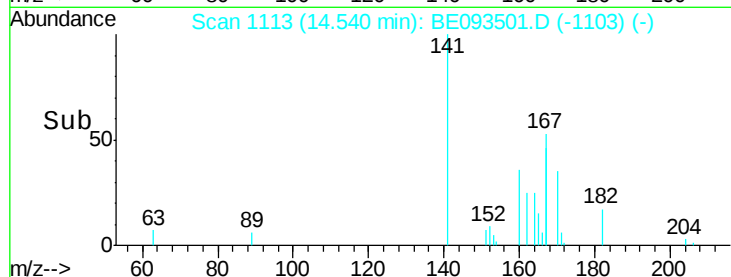
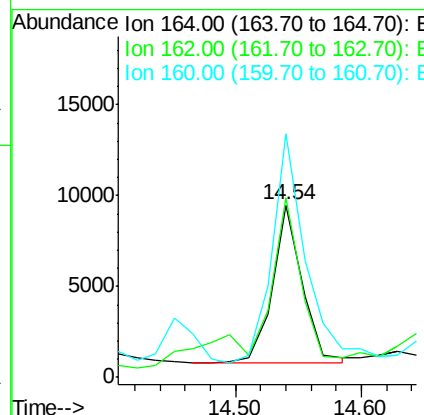
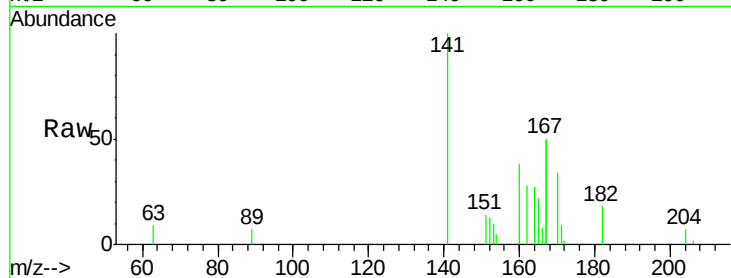
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Instrument :
BNA_E
ClientSampleId :
NB-TWP07DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.6	127.0
160	141.5	41.8	62.6

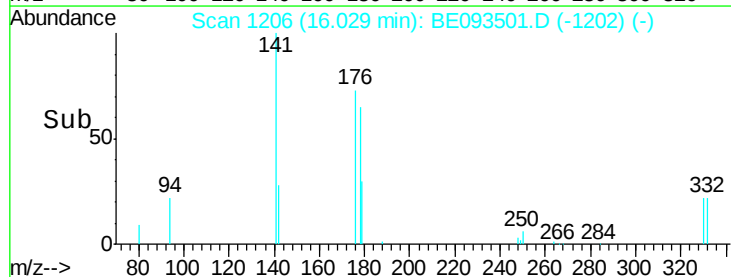
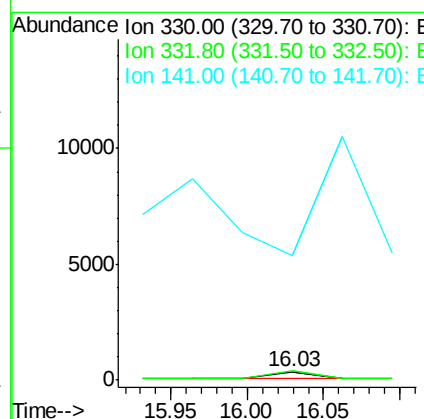
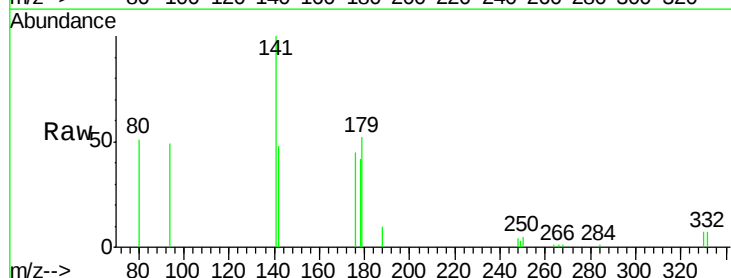
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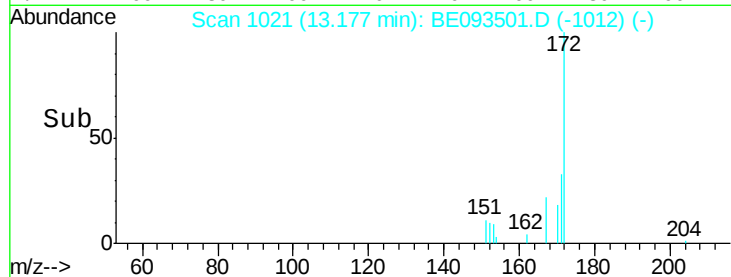
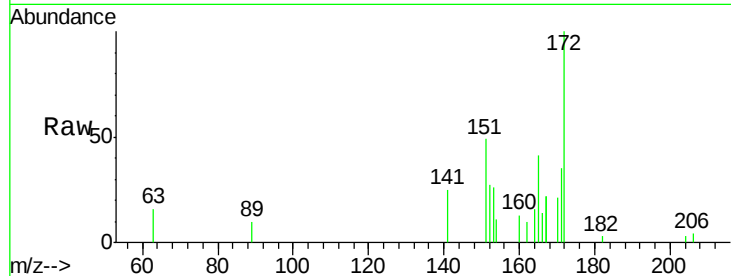
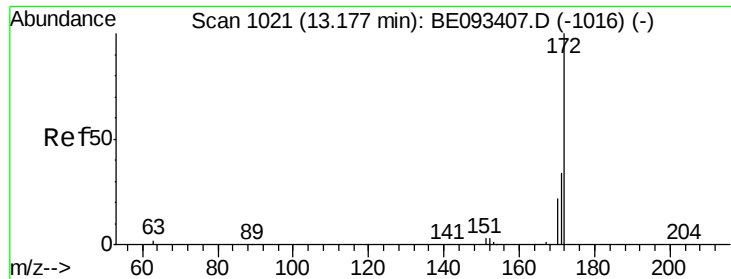
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#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.7	116.5
141	0.0	56.2	84.4





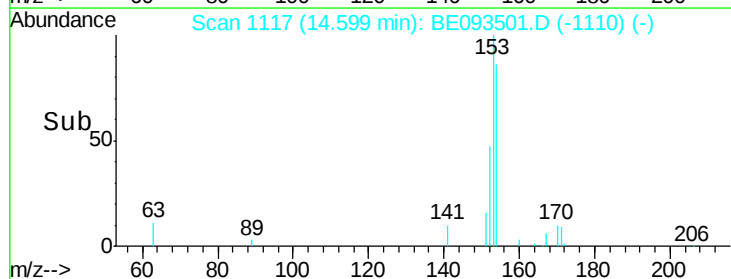
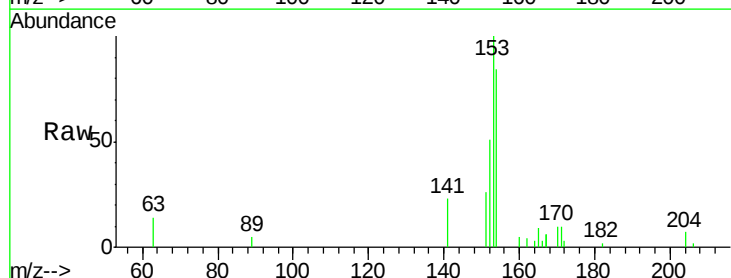
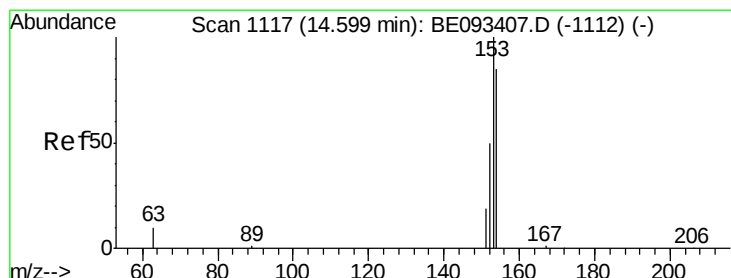
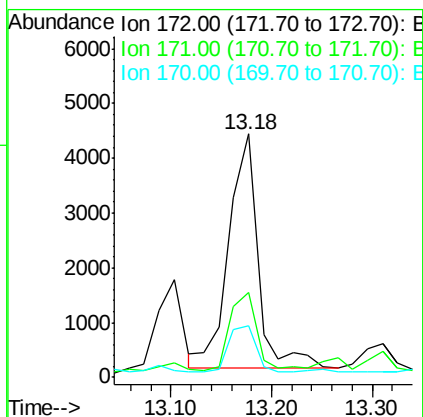
#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Instrument :
BNA_E
ClientSampleId :
NB-TWP07DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.8	44.6
170	21.1	20.7	31.1

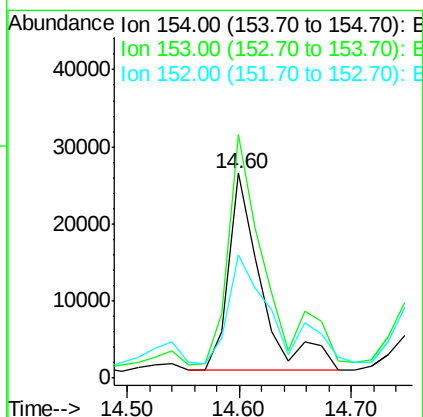
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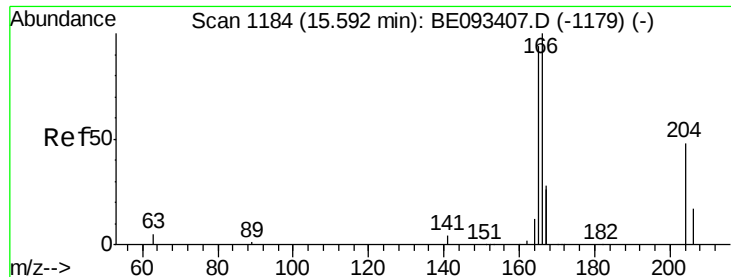
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#17
Acenaphthene
Concen: 1.15 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	138.0	91.2	136.8#
152	79.6	44.8	67.2#





#18

Fluorene

Concen: 1.79 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Instrument :

BNA_E

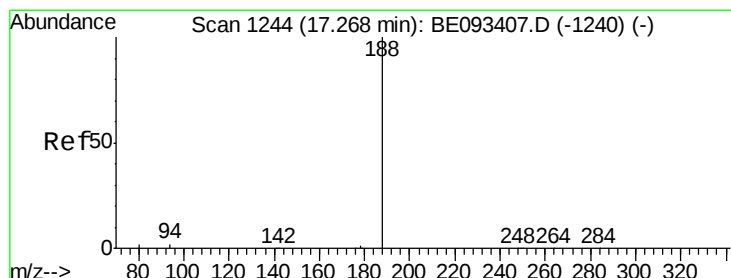
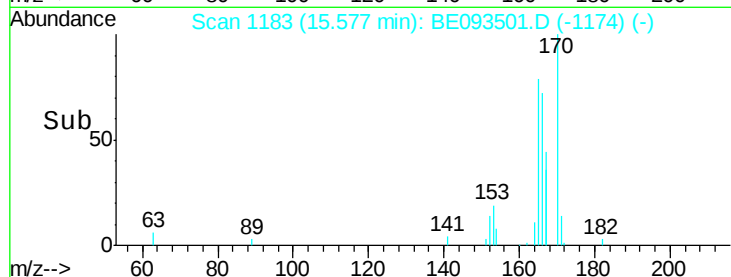
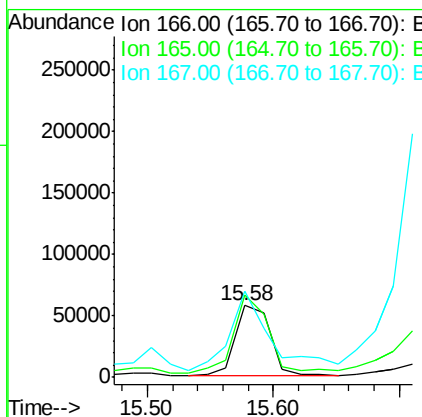
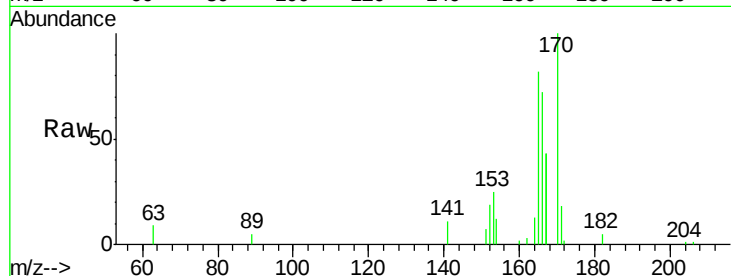
ClientSampled :

NB-TWP07DL

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	110.0	78.6	117.8	
167	134.4	11.1	16.7	

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.40 ng

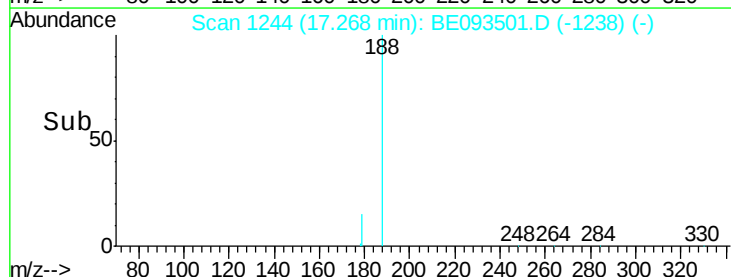
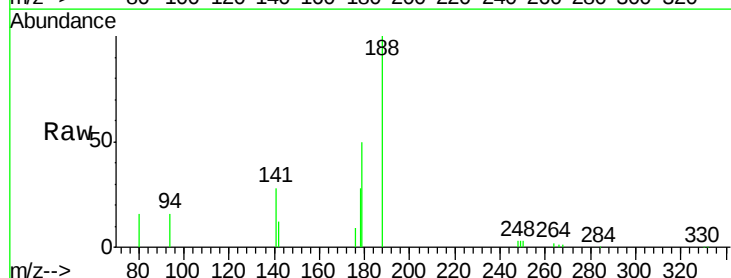
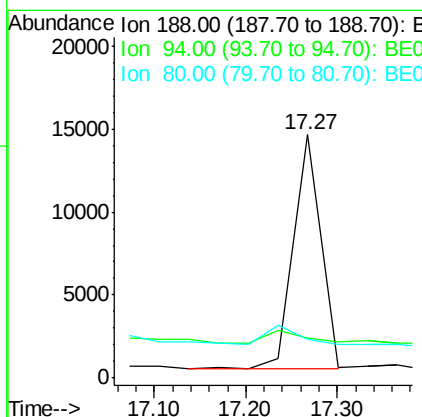
RT: 17.27 min Scan# 1244

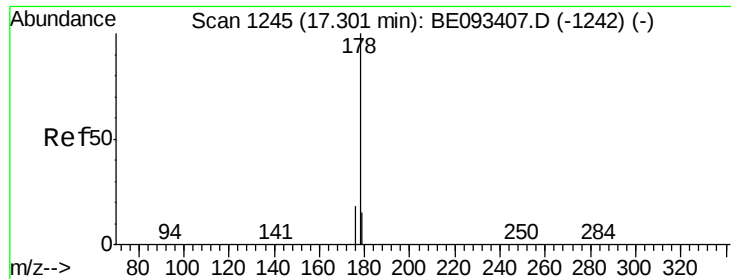
Delta R.T. -0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	16.4	11.3	16.9	
80	15.8	11.7	17.5	





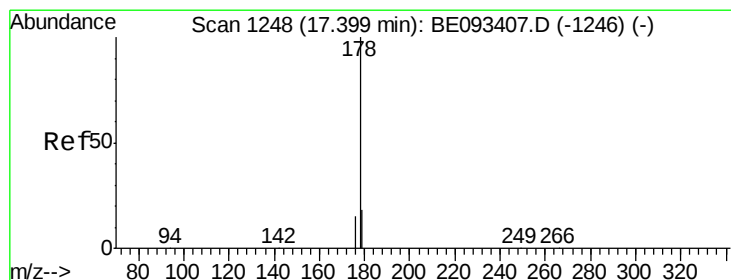
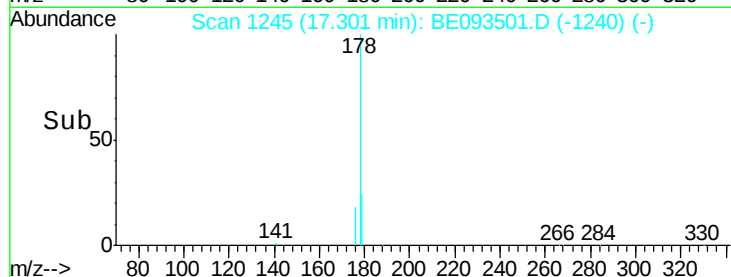
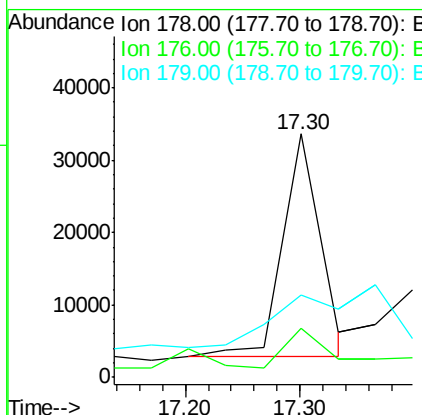
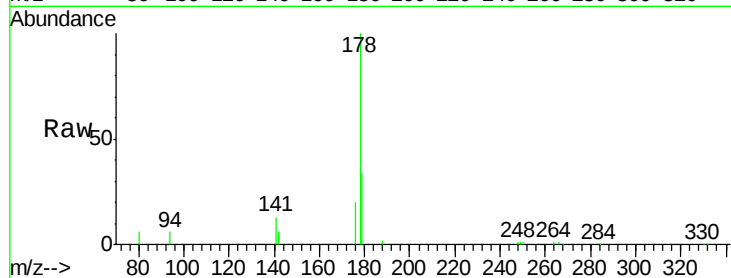
#23
Phenanthrene
Concen: 0.67 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Instrument :
BNA_E
ClientSampleId :
NB-TWP07DL

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.7	15.0	22.4	
179	0.0	12.7	19.1	

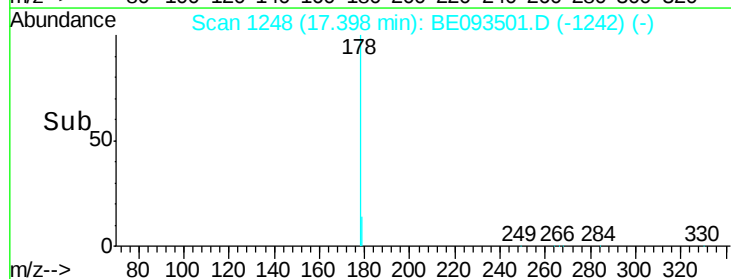
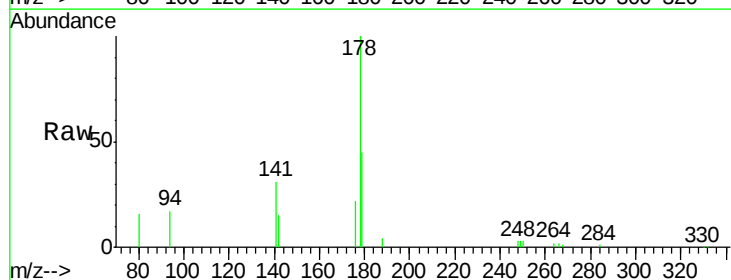
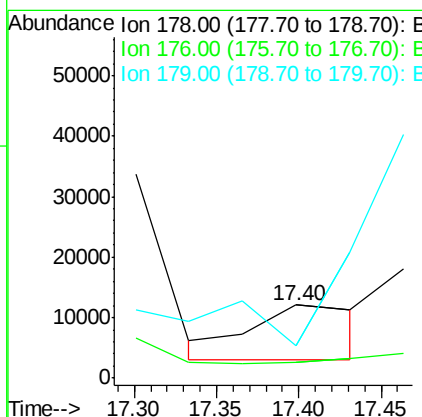
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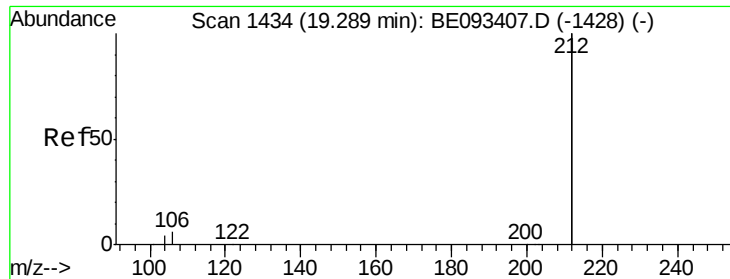
Sohil
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#24
Anthracene
Concen: 0.65 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	0.0	14.6	22.0	
179	0.0	12.0	18.0	





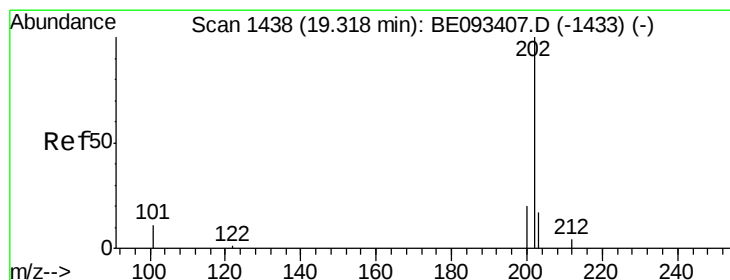
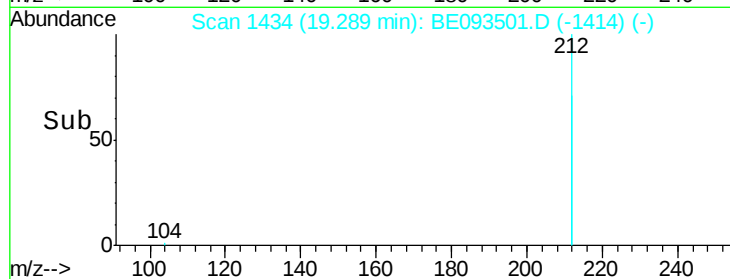
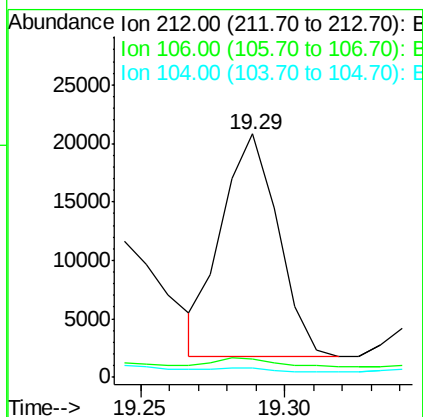
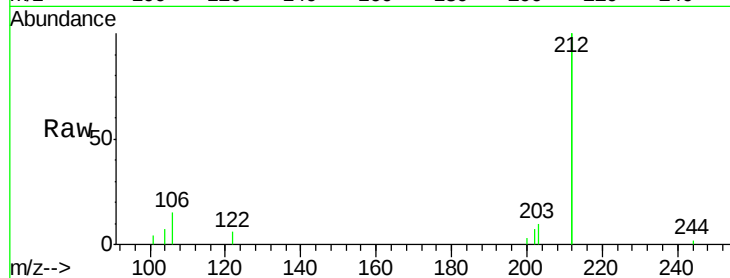
#25
Fluoranthene-d10
Concen: 0.07 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Instrument :
BNA_E
ClientSampled :
NB-TWP07DL

Tot Ion	Ratio	Lower	Upper
212	100		
106	4.3	2.4	3.6#
104	1.8	1.6	2.4

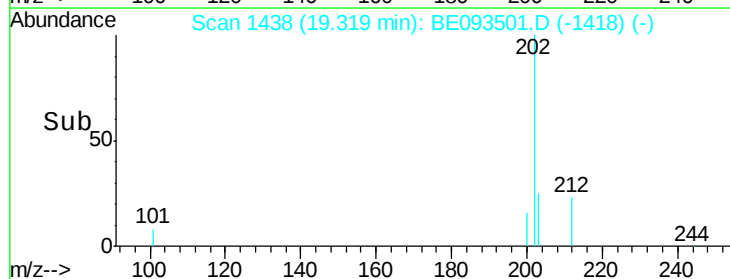
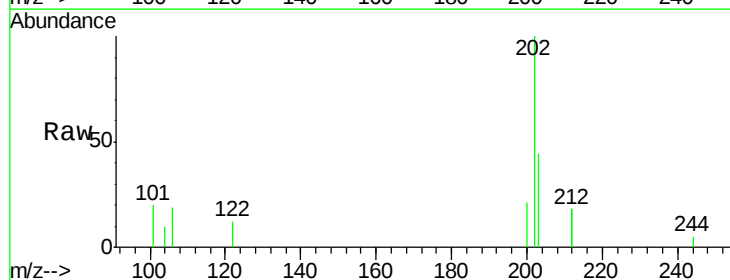
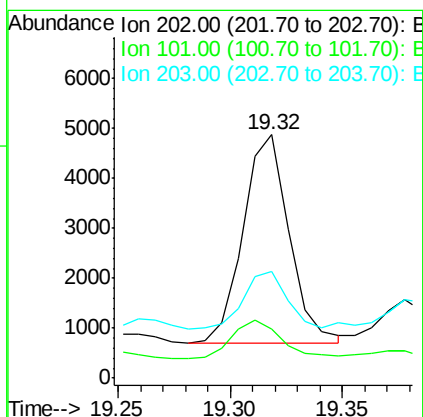
Manual Integrations
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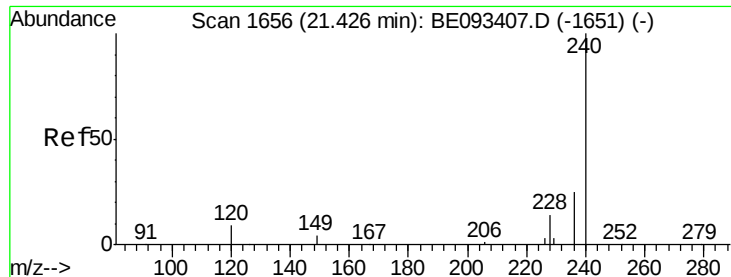
Sohil
7/21/2017 5:10:49 PM



#26
Fluoranthene
Concen: 0.06 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093501.D
Acq: 20 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	20.5	9.6	14.4#
203	25.3	14.4	21.6#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Instrument :

BNA_E

ClientSampleId :

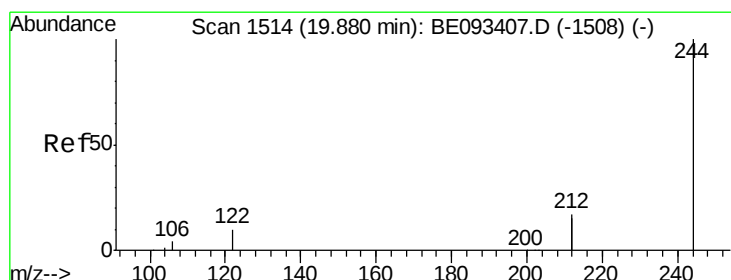
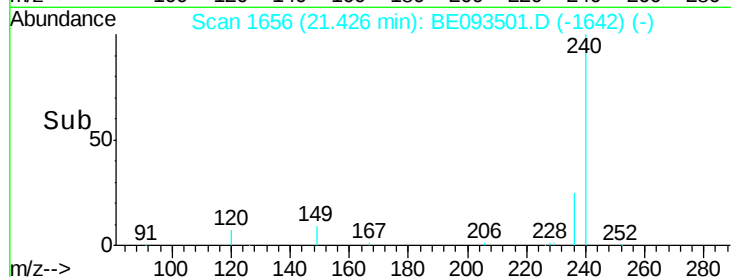
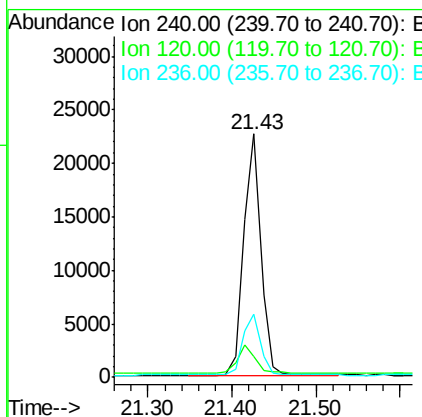
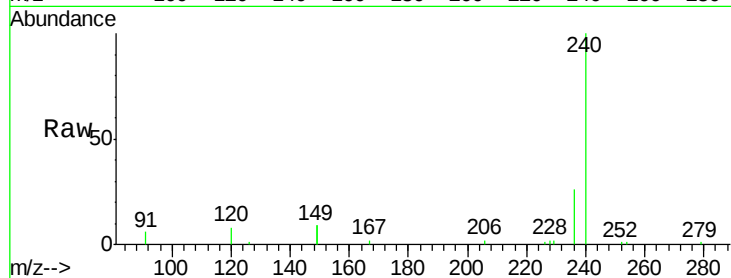
NB-TWP07DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.6	7.0#
236	26.0	20.8	31.2

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7/21/2017 5:10:49 PM



#29

Terphenyl-d14

Concen: 0.13 ng

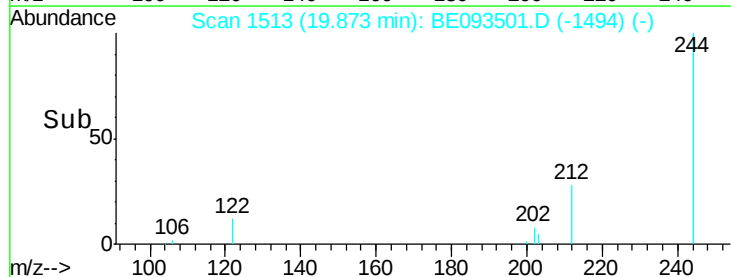
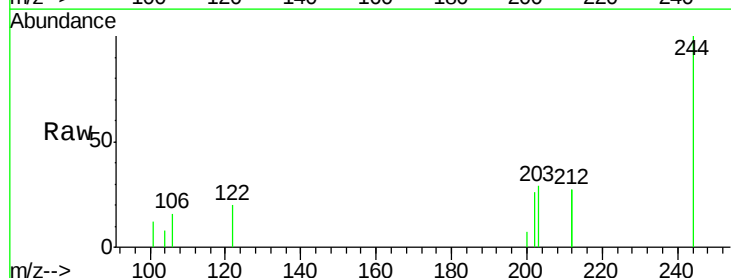
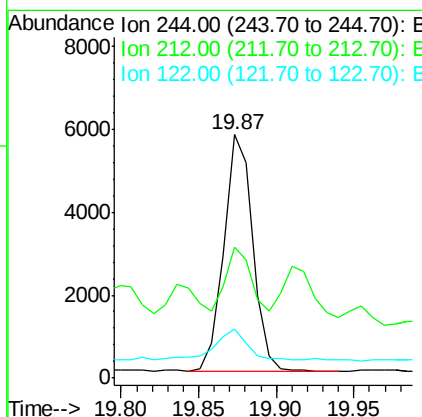
RT: 19.87 min Scan# 1513

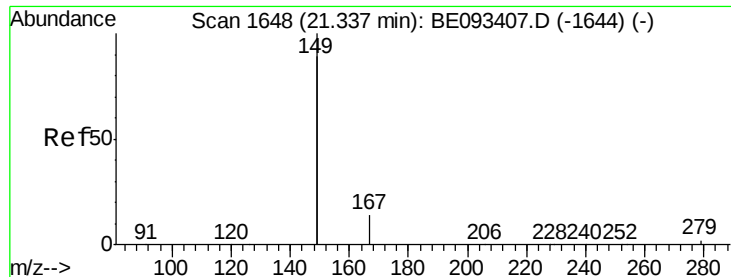
Delta R.T. -0.01 min

Lab File: BE093501.D

Acq: 20 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	53.9	10.6	16.0#
122	20.2	15.4	23.0





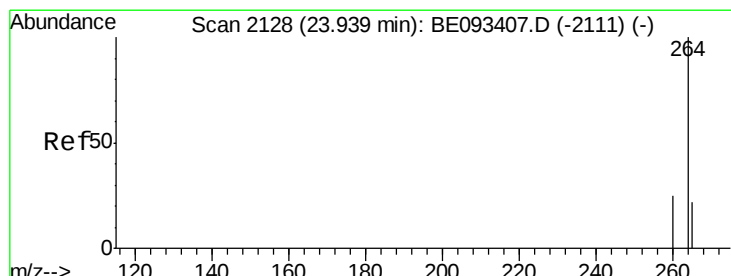
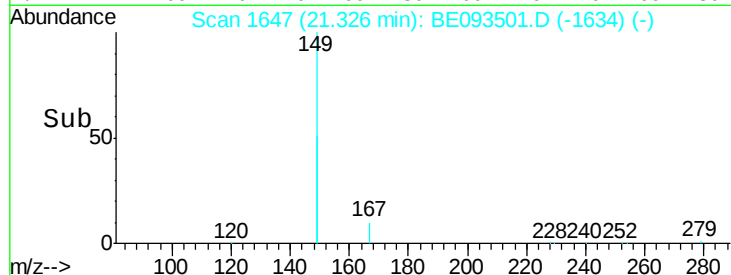
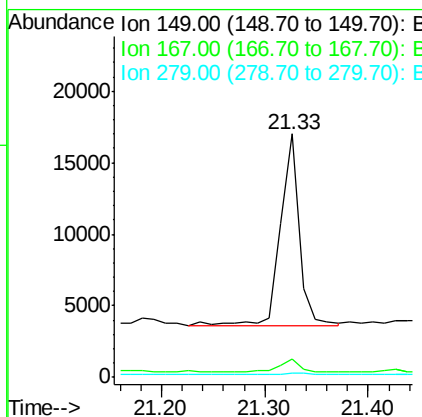
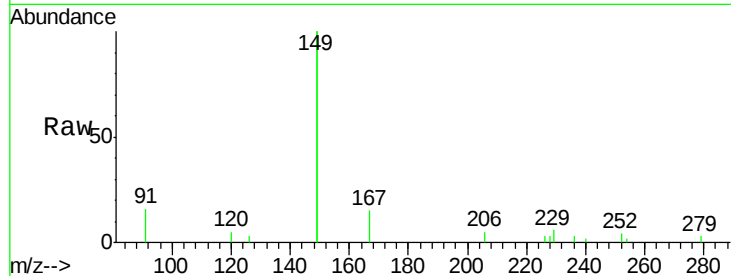
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093501.D
 Acq: 20 Jul 2017 14:56

Instrument :
 BNA_E
 ClientSampleID :
 NB-TWP07DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.0	20.1	30.1#
279	1.1	2.2	3.4#

Manual Integrations
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 7/21/2017 5:10:49 PM



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093501.D
 Acq: 20 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	34.1	24.6	36.8

