

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072017\
 Data File : BE093500.D
 Acq On : 20 Jul 2017 14:17
 Operator : SJ/JU
 Sample : I4205-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP01DL

Manual Integrations
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Sohil
 7/21/2017 5:10:47 PM

Quant Time: Jul 20 18:28:20 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	3860	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22431	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	16843	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	34946	0.40	ng	0.00
27) Chrysene-d12	21.43	240	31580	0.40	ng	0.00
34) Perylene-d12	23.94	264	28506	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	524	0.04	ng	0.00
5) Phenol-d6	7.12	99	1844	0.11	ng	0.02
8) Nitrobenzene-d5	9.08	82	7026	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	6034	0.17	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	544	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10698	0.16	ng	0.00
25) Fluoranthene-d10	19.29	212	32420	0.08	ng	0.00
29) Terphenyl-d14	19.87	244	8442	0.15	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	158695	0.675	ng	# 82
17) Acenaphthene	14.60	154	68770	1.338	ng	# 57
18) Fluorene	15.59	166	151735	2.151	ng	# 47
23) Phenanthrene	17.30	178	118835	0.936	ng	# 78
24) Anthracene	17.40	178	41957m	0.539	ng	
26) Fluoranthene	19.32	202	13331	0.112	ng	# 78
28) Pyrene	19.68	202	27810	0.313	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.33	149	13262	0.108	ng	# 71

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

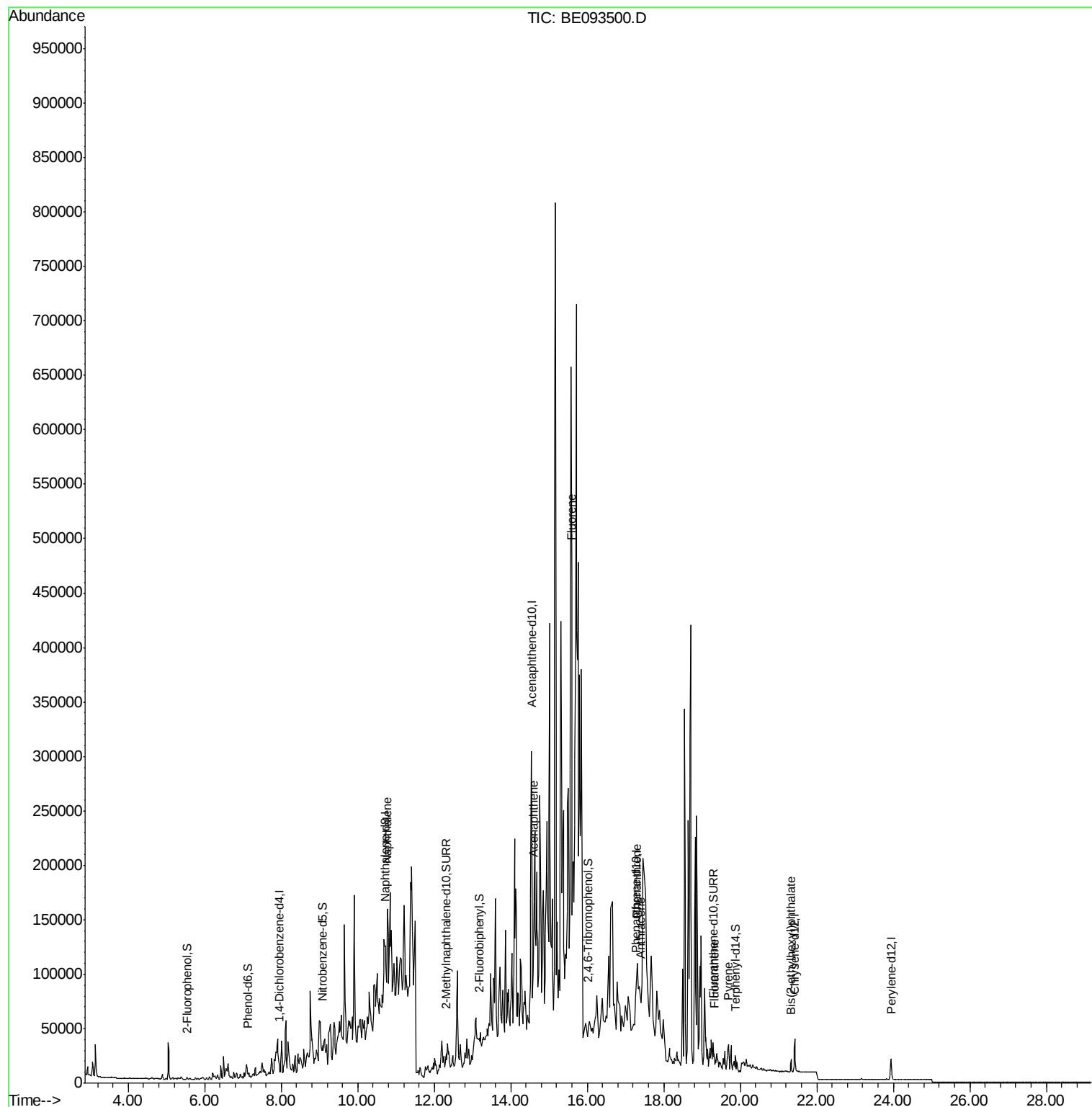
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072017\
Data File : BE093500.D
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Operator : SJ/JU
Sample : I4205-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

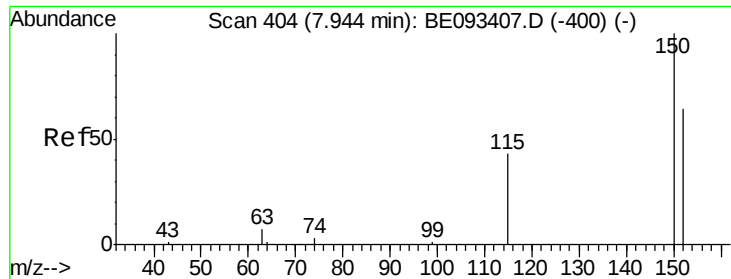
Instrument :
BNA_E
ClientSampleId :
NB-TWP01DL

Manual Integrations
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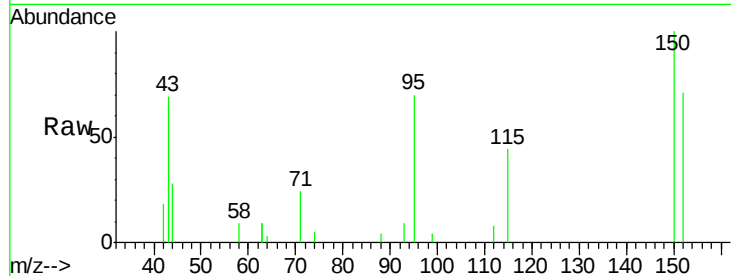




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

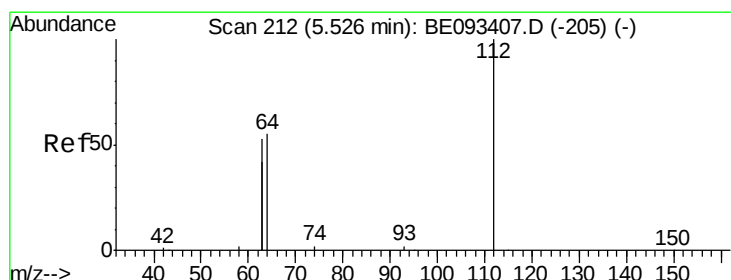
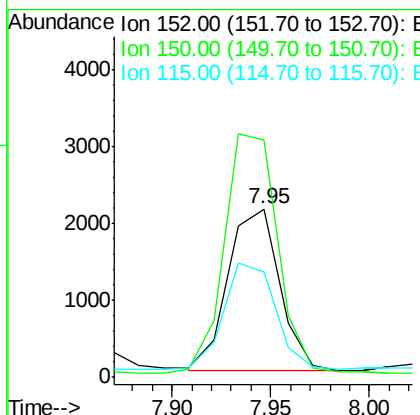
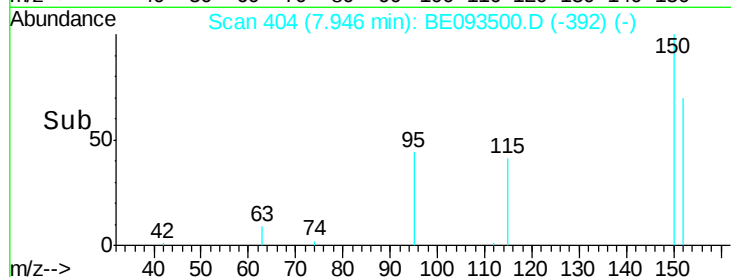
Instrument :
BNA_E
ClientSampleId :
NB-TWP01DL



Tgt Ion:152 Resp: 3860
Ion Ratio Lower Upper
152 100
150 140.9 125.1 187.7
115 62.5 55.7 83.5

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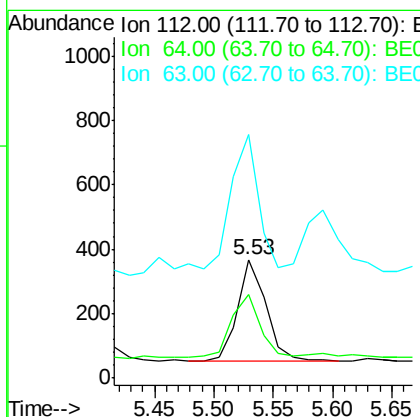
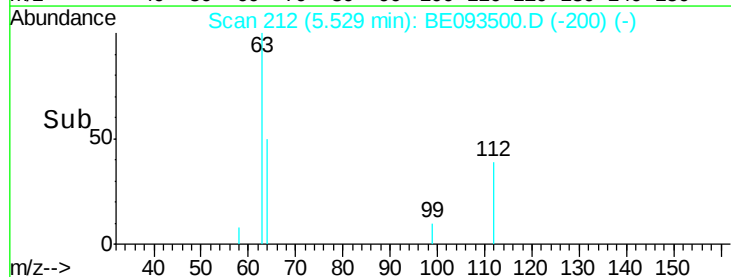
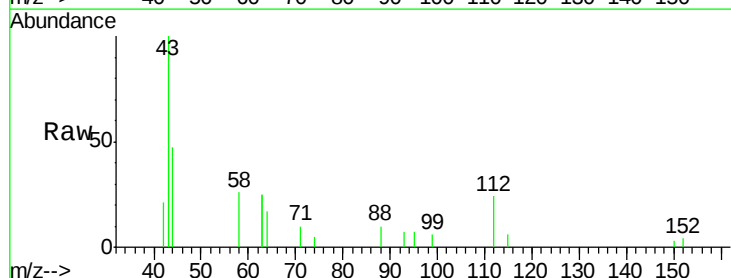
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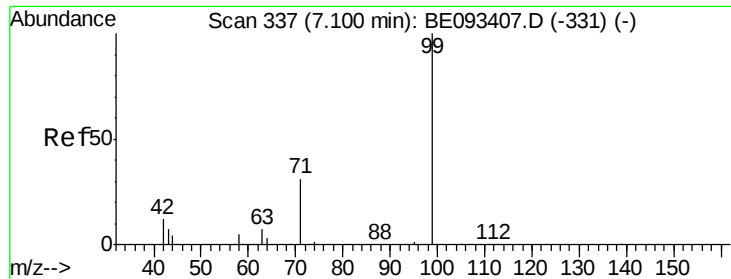


#4

2-Fluorophenol
Concen: 0.045 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:112 Resp: 524
Ion Ratio Lower Upper
112 100
64 63.9 56.4 84.6
63 127.3 29.3 43.9#





#5

Phenol-d6

Concen: 0.107 ng

RT: 7.12 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Instrument :

BNA_E

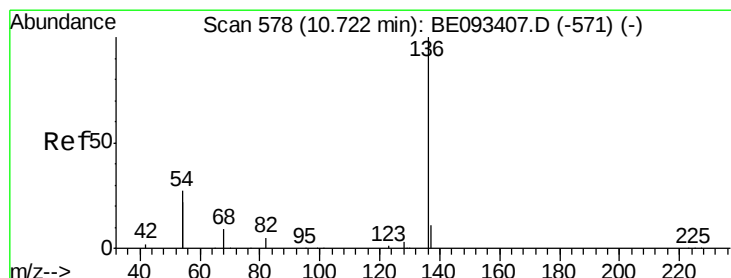
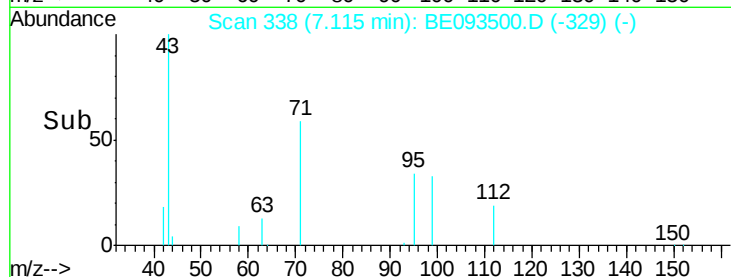
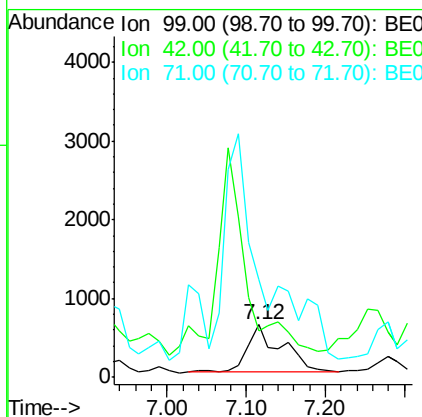
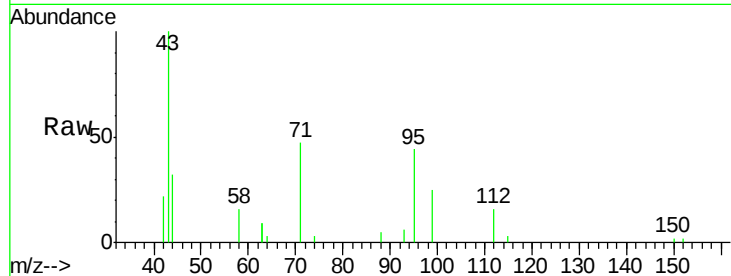
ClientSampleId :

NB-TWP01DL

Tgt Ion:	99	Resp:	1844
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: 0.400 ng

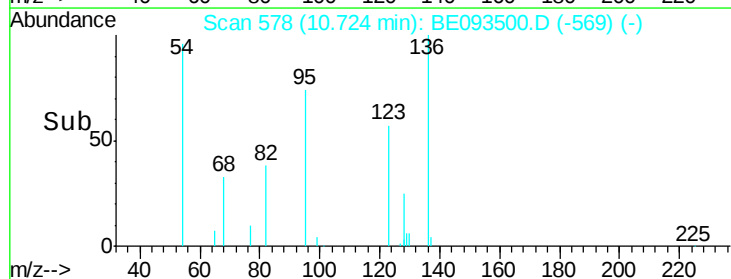
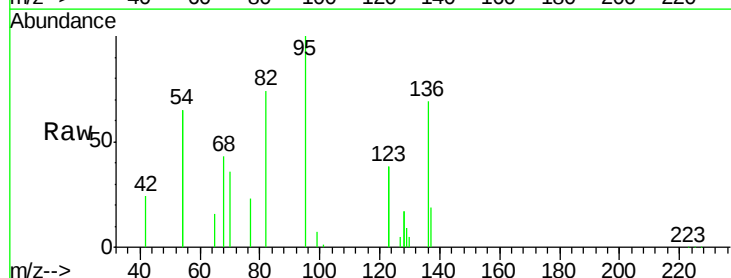
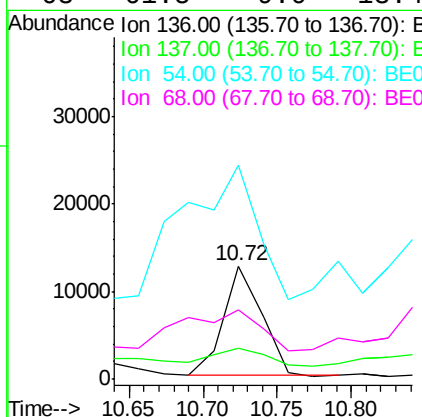
RT: 10.72 min Scan# 578

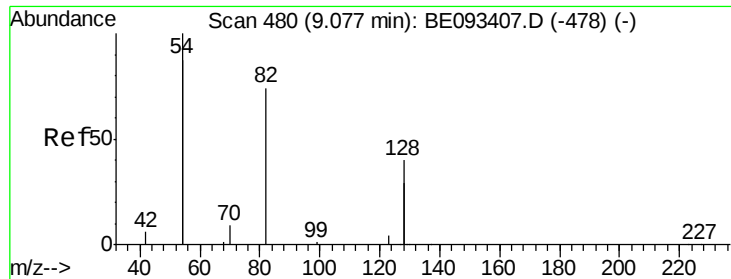
Delta R.T. 0.00 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Tgt Ion:	136	Resp:	22431
Ion Ratio	Lower	Upper	
136	100		
137	27.2	9.8	14.8#
54	188.7	10.3	15.5#
68	61.5	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.490 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Instrument :

BNA_E

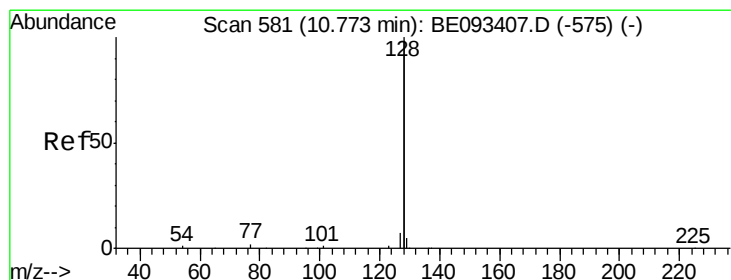
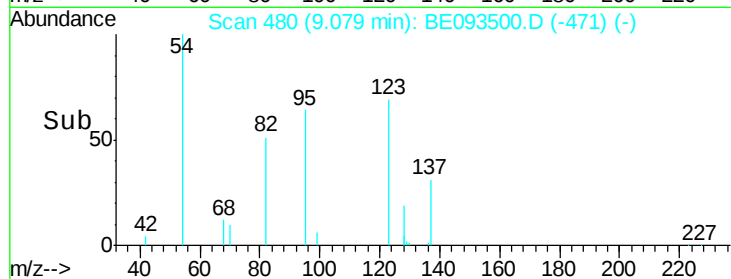
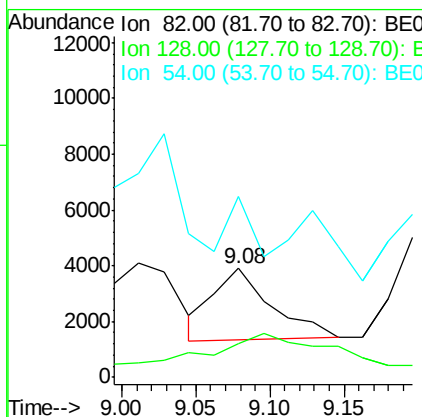
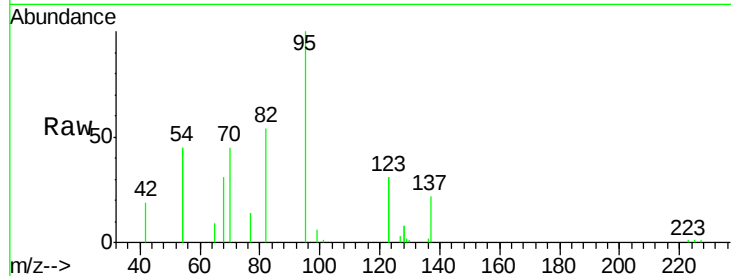
ClientSampleId :

NB-TWP01DL

Tgt Ion:	82	Resp:	7026
Ion Ratio	Lower	Upper	
82	100		
128	30.8	17.0	25.4#
54	165.5	53.8	80.6#

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#9

Naphthalene

Concen: 0.675 ng

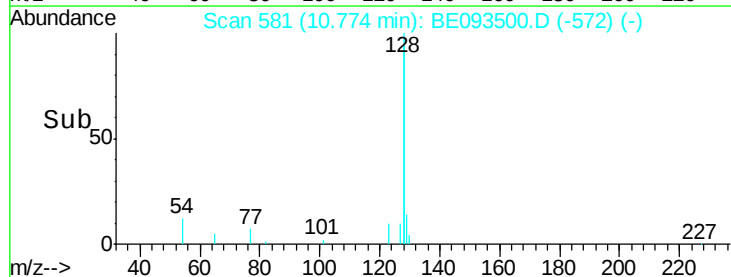
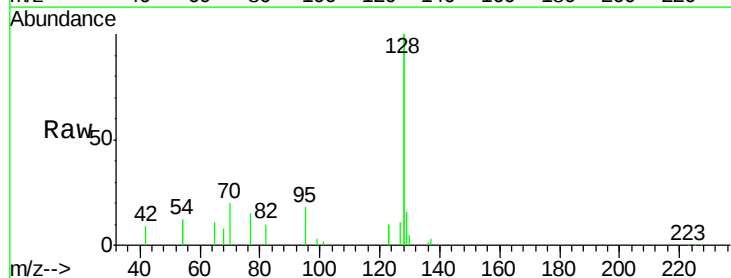
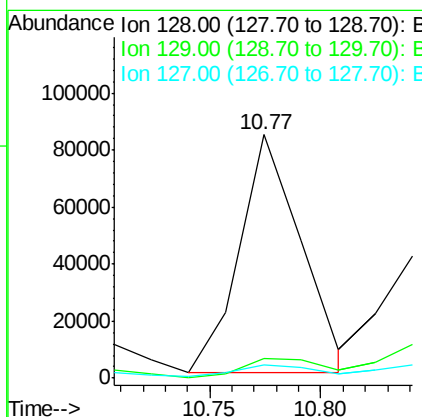
RT: 10.77 min Scan# 581

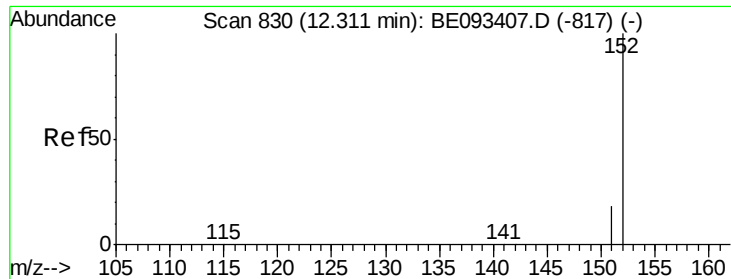
Delta R.T. 0.00 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Tgt Ion:	128	Resp:	158695
Ion Ratio	Lower	Upper	
128	100		
129	8.1	11.4	17.0#
127	5.6	11.2	16.8#





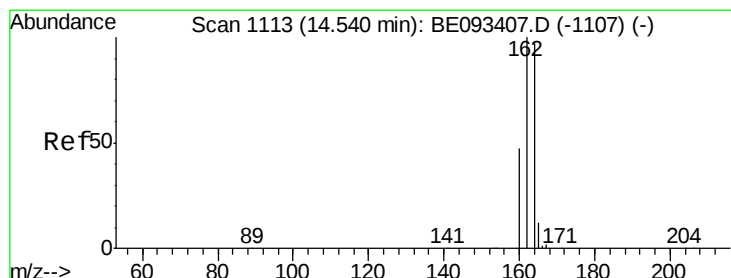
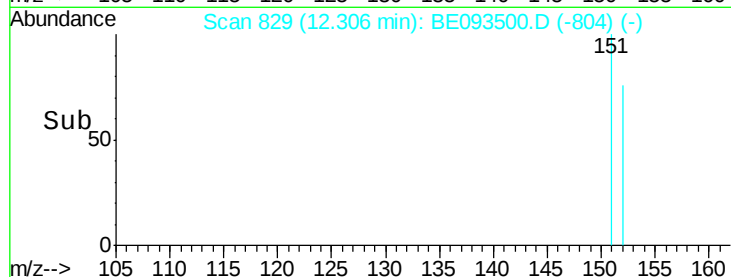
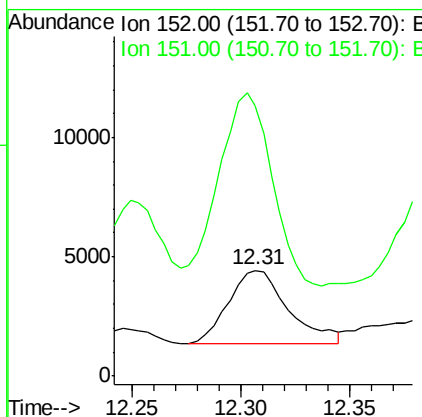
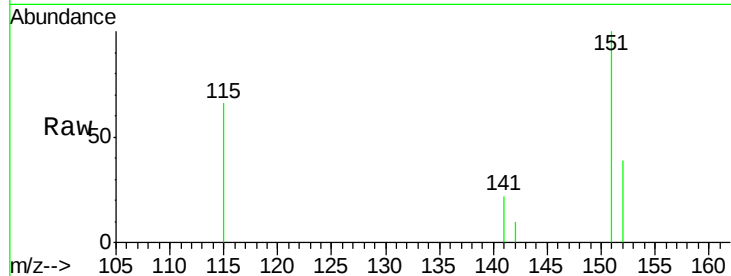
#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampled :
NB-TWP01DL

Tgt Ion:152 Resp: 6034
Ion Ratio Lower Upper
152 100
151 230.4 15.1 22.7#

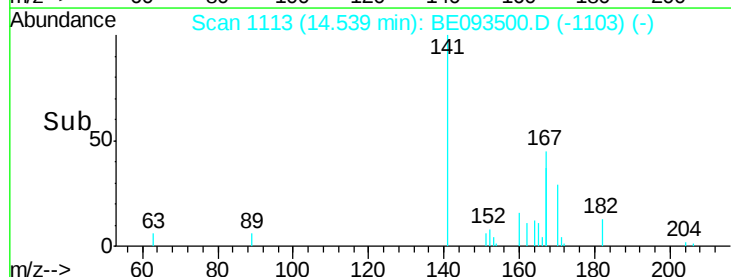
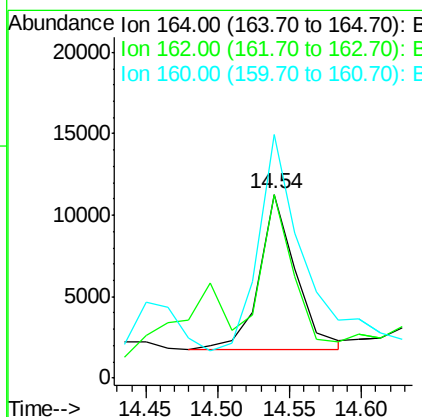
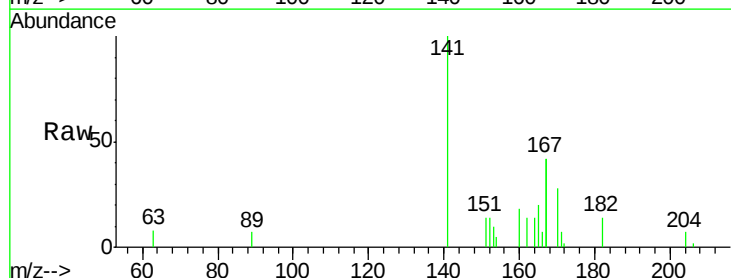
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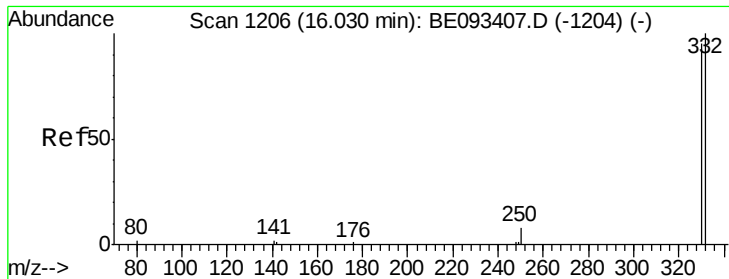
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:164 Resp: 16843
Ion Ratio Lower Upper
164 100
162 100.2 84.6 127.0
160 132.6 41.8 62.6#





#14

2,4,6-Tribromophenol

Concen: 0.103 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Instrument :

BNA_E

ClientSampled :

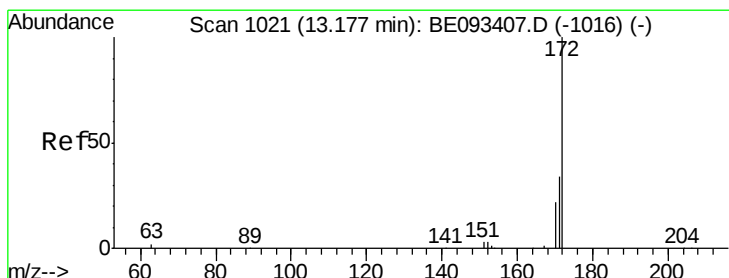
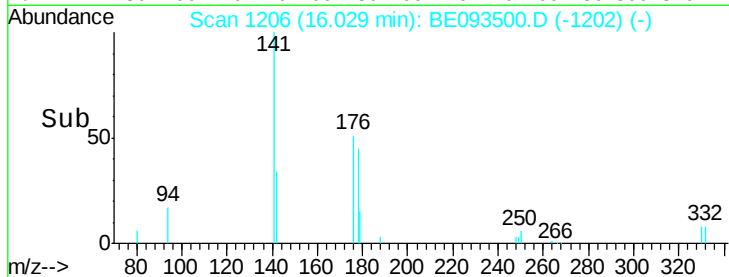
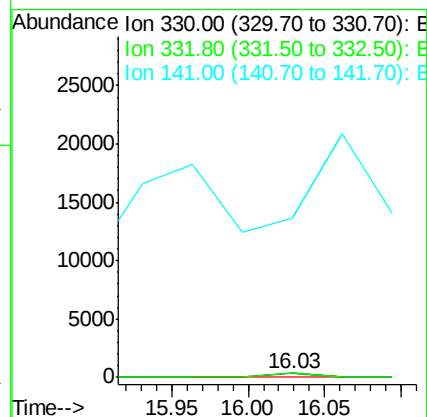
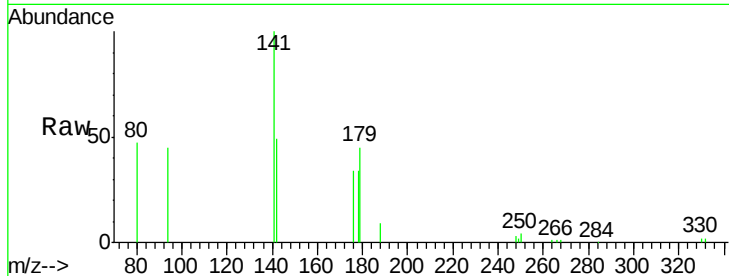
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	0.0	56.2	84.4#

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#15

2-Fluorobiphenyl

Concen: 0.164 ng

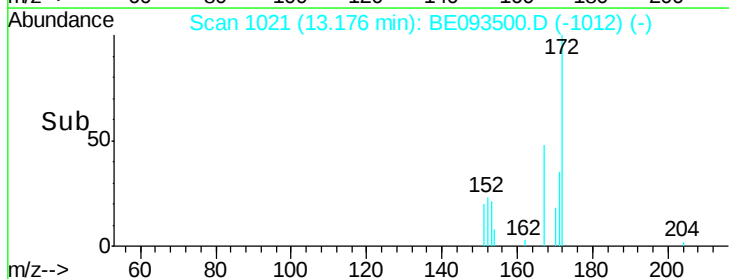
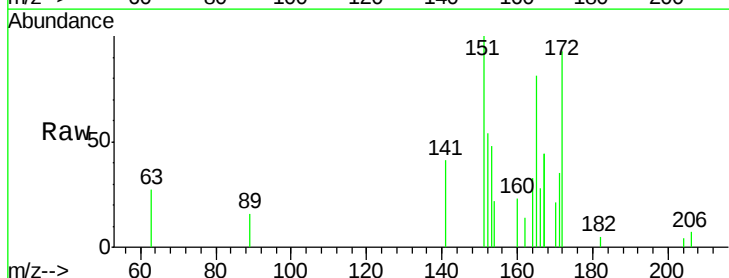
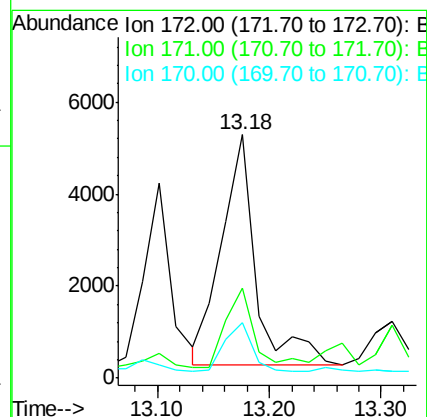
RT: 13.18 min Scan# 1021

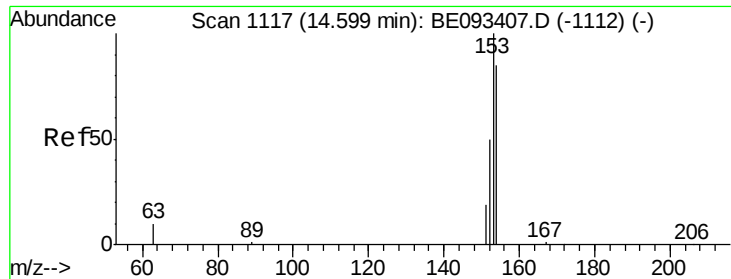
Delta R.T. -0.00 min

Lab File: BE093500.D

Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	22.9	20.7	31.1





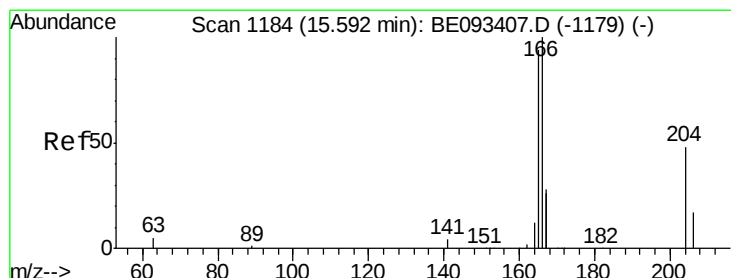
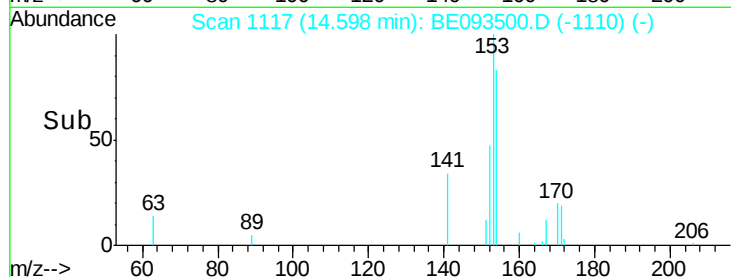
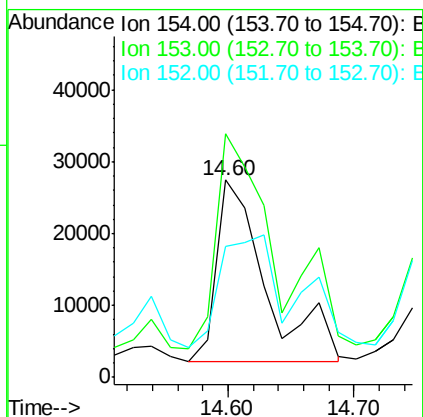
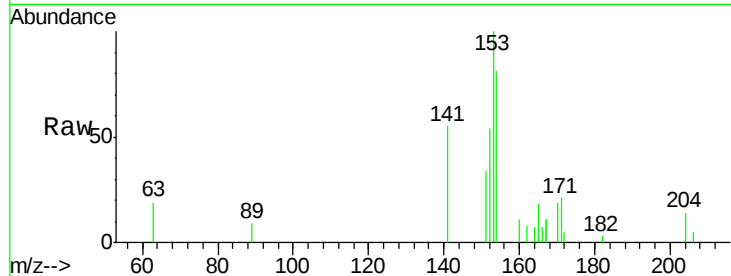
#17
Acenaphthene
Concen: 1.338 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampled :
NB-TWP01DL

Tgt Ion:154 Resp: 68770
Ion Ratio Lower Upper
154 100
153 142.9 91.2 136.8#
152 0.0 44.8 67.2#

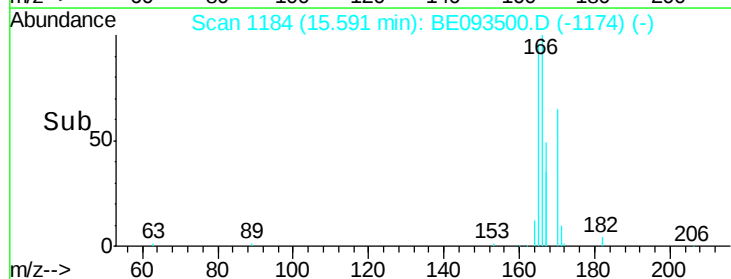
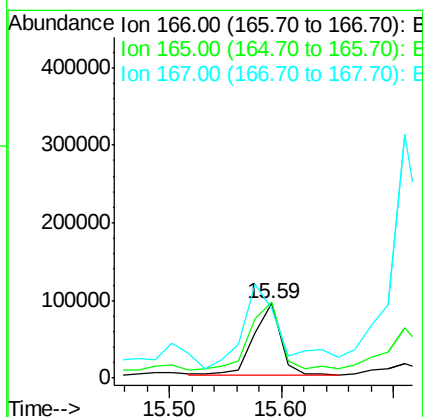
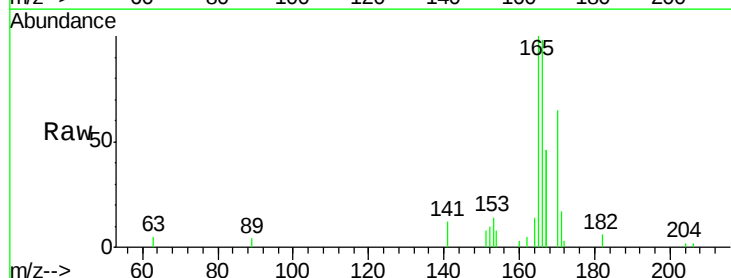
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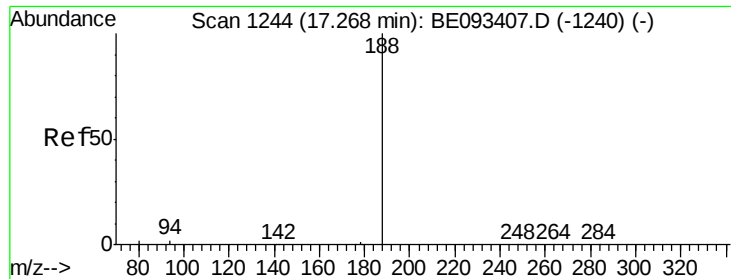
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#18
Fluorene
Concen: 2.151 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion:166 Resp: 151735
Ion Ratio Lower Upper
166 100
165 109.1 78.6 117.8
167 155.6 11.1 16.7#





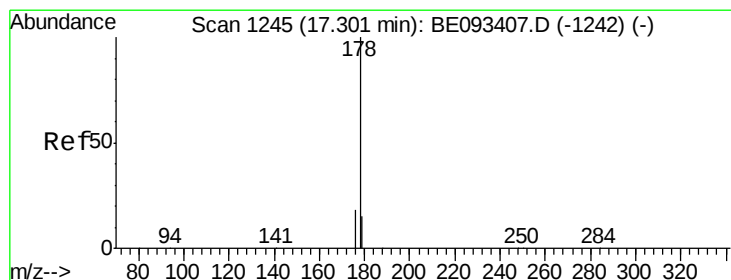
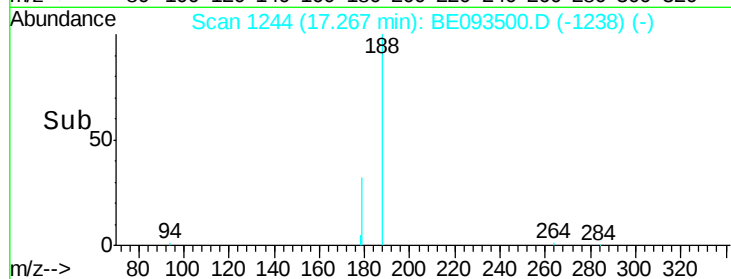
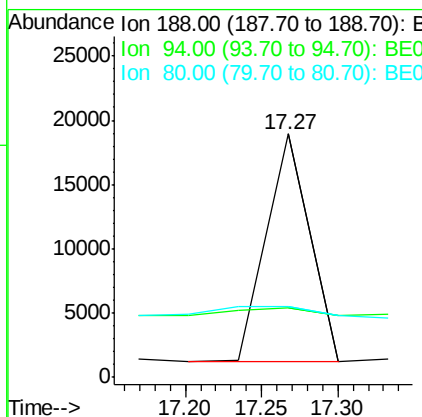
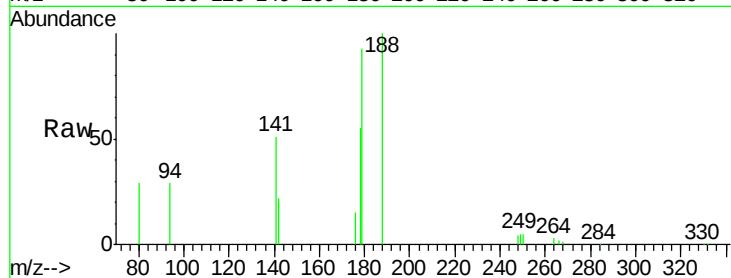
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampled :
NB-TWP01DL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	28.6	11.3	16.9#
80	28.9	11.7	17.5#

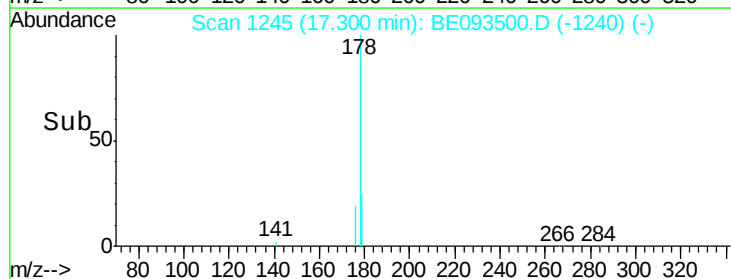
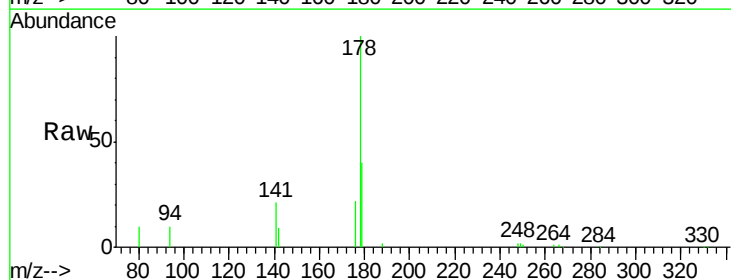
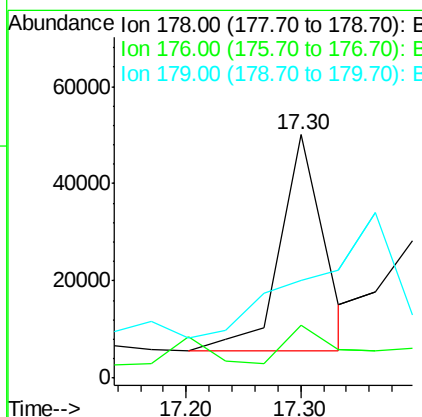
Manual Integrations
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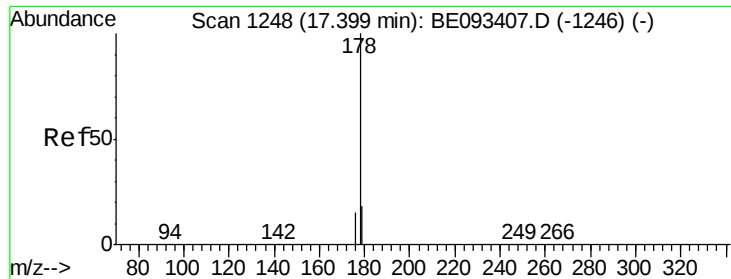
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#23
Phenanthrene
Concen: 0.936 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.0	22.4#
179	0.0	12.7	19.1#





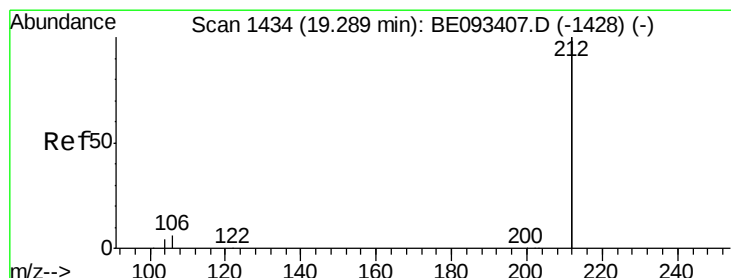
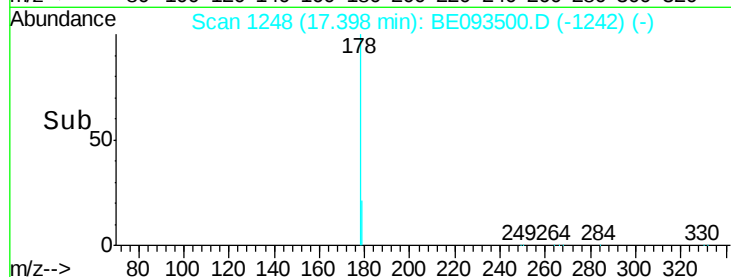
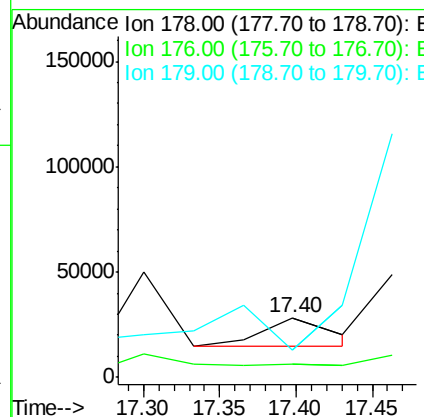
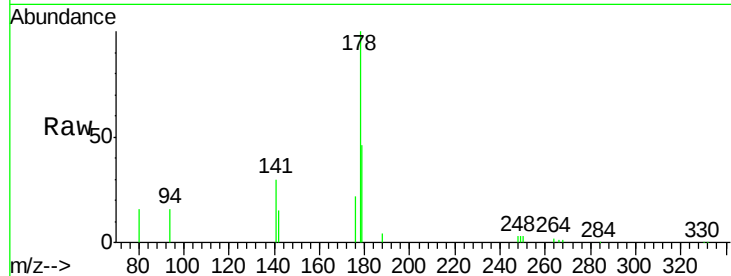
#24
 Anthracene
 Concen: 0.539 ng m
 RT: 17.40 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Instrument :
 BNA_E
 ClientSampled :
 NB-TWP01DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	65.2	14.6	22.0#
179	0.0	12.0	18.0#

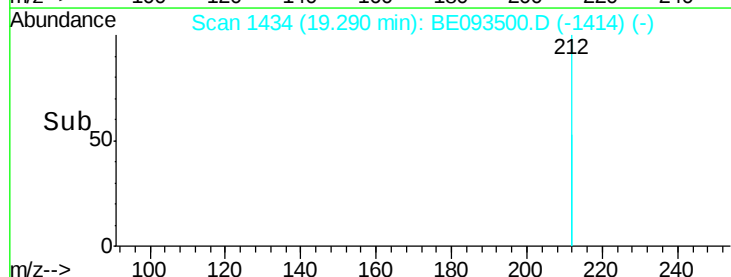
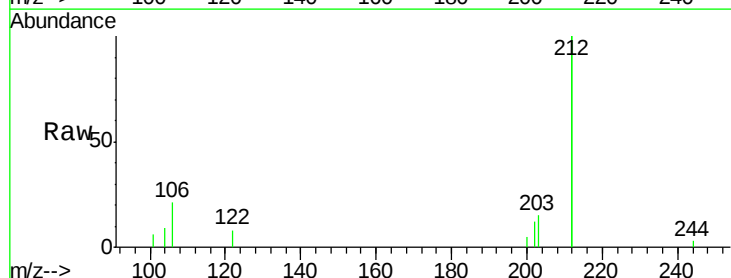
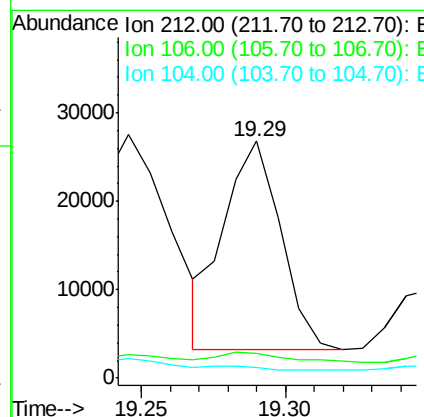
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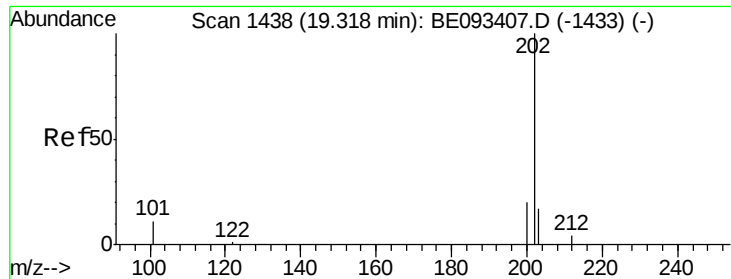
Sohil
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#25
 Fluoranthene-d10
 Concen: 0.077 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
212	100		
106	5.5	2.4	3.6#
104	0.0	1.6	2.4#





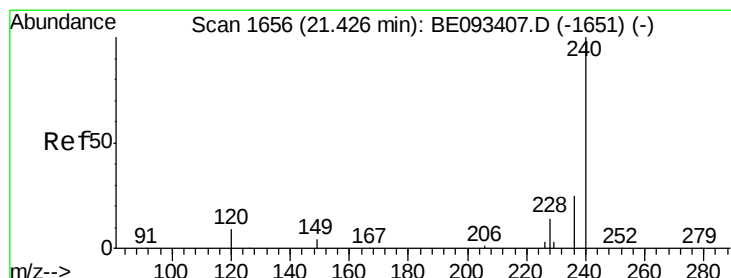
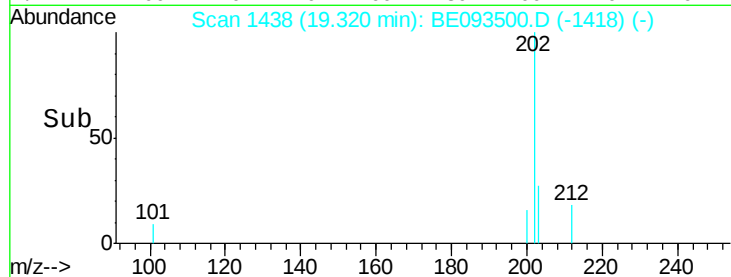
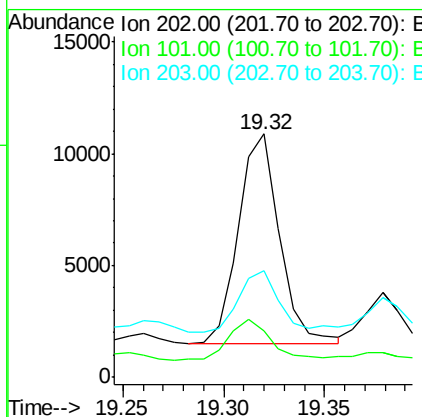
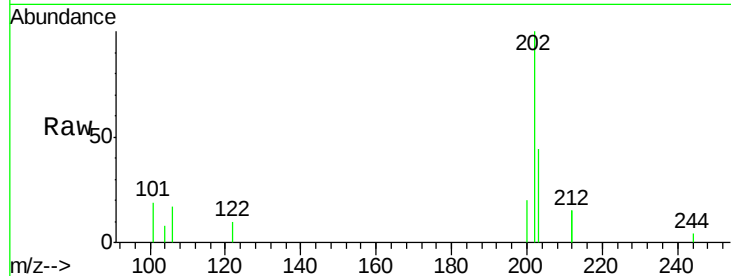
#26
Fluoranthene
Concen: 0.112 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Instrument :
BNA_E
ClientSampled :
NB-TWP01DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	13331		
101	20.1	9.6	14.4#	
203	28.0	14.4	21.6#	

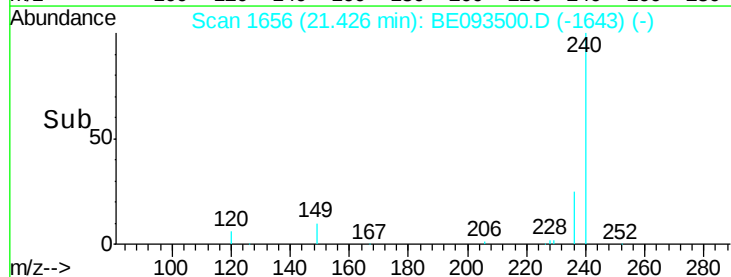
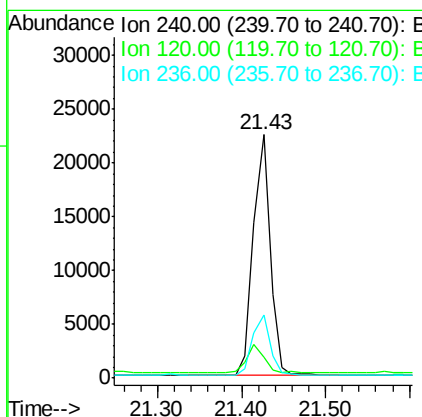
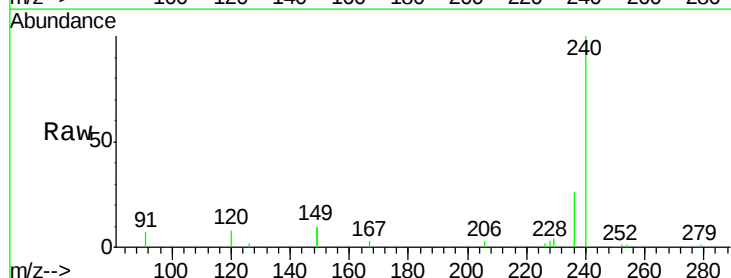
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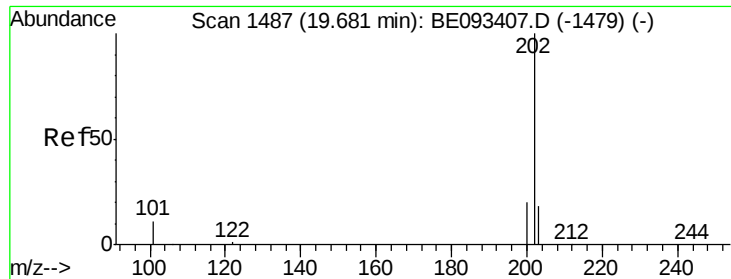
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093500.D
Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	31580		
120	8.5	4.6	7.0#	
236	26.2	20.8	31.2	





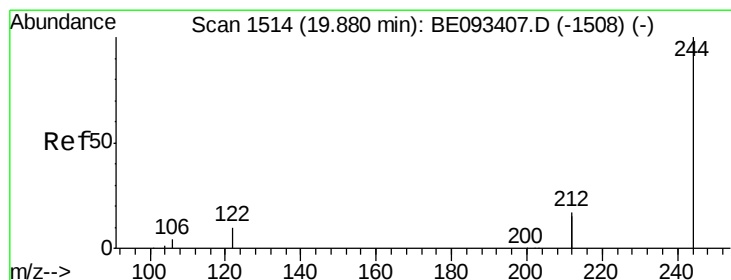
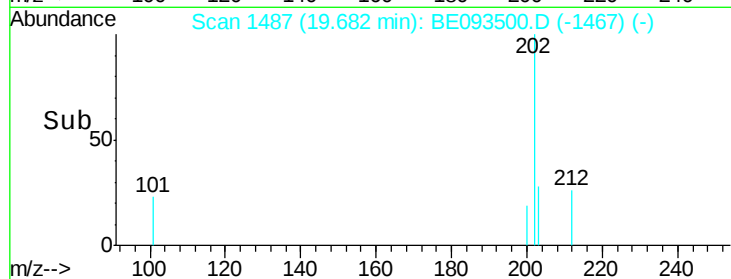
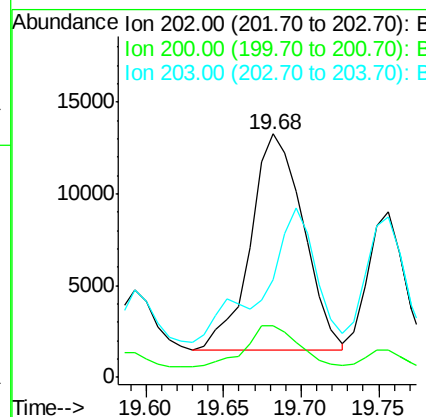
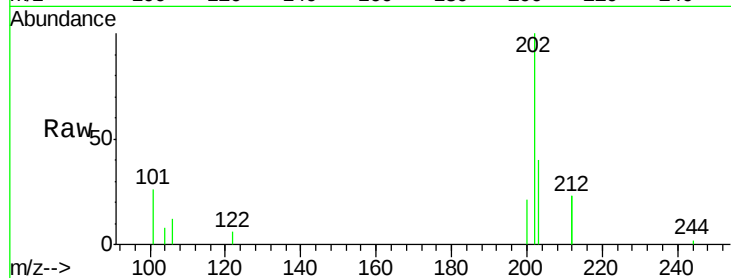
#28
 Pyrene
 Concen: 0.313 ng
 RT: 19.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	0.0	0.0#
203	0.0	13.7	20.5#

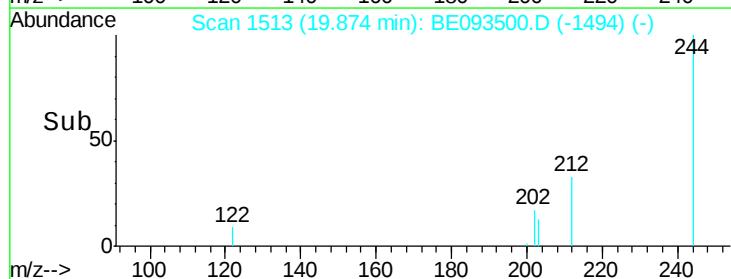
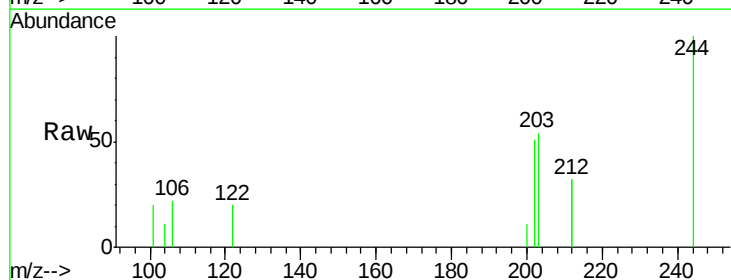
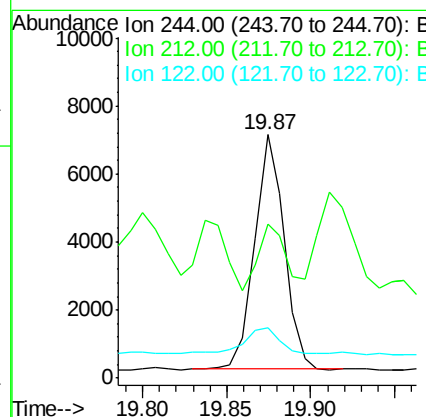
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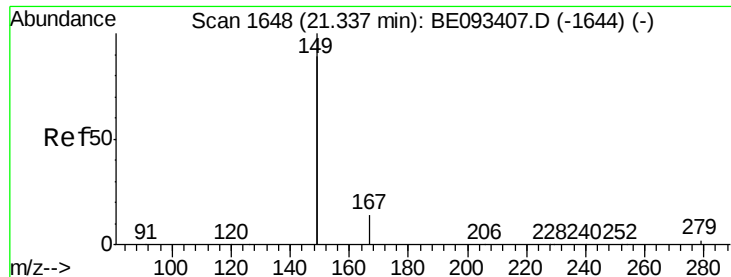
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#29
 Terphenyl-d14
 Concen: 0.150 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	63.1	10.6	16.0#
122	20.4	15.4	23.0





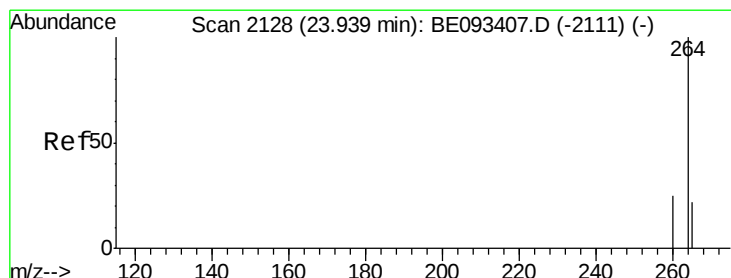
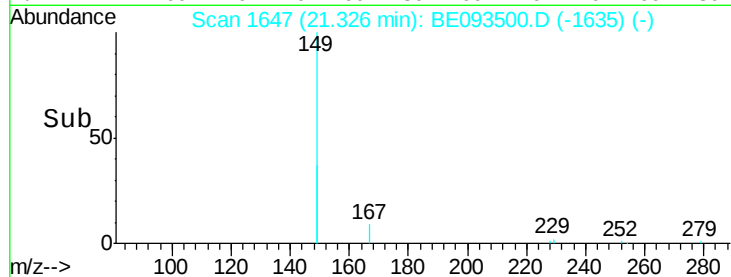
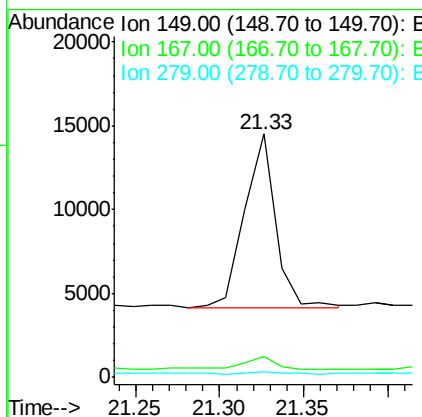
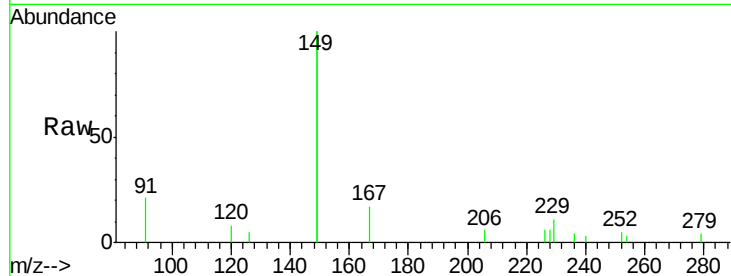
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP01DL

Tgt Ion	Ratio	Lower	Upper
149	100		
167	9.0	20.1	30.1#
279	0.9	2.2	3.4#

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093500.D
 Acq: 20 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	35.0	24.6	36.8

