

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093481.D
 Acq On : 19 Jul 2017 12:50
 Operator : SJ/JU
 Sample : I4205-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP01

Manual Integrations
 APPROVED

mohammad
 7/20/2017 3:02:42 PM

Quant Time: Jul 20 13:33:37 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	7.93	152	7190	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	41627	0.40	ng	0.00
13) Acenaphthene-d10	14.55	164	38046	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	43797	0.40	ng	0.00
27) Chrysene-d12	21.43	240	40061	0.40	ng	0.00
34) Perylene-d12	23.93	264	34131	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3097	0.14	ng	0.00
5) Phenol-d6	7.10	99	7057	0.22	ng	0.00
8) Nitrobenzene-d5	9.08	82	57749m	2.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	36784	0.55	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1952	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	64805	0.44	ng	0.00
25) Fluoranthene-d10	19.29	212	175718	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	47251	0.66	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	1066976	2.447	ng	# 82
17) Acenaphthene	14.61	154	307568	2.650	ng	# 70
18) Fluorene	15.59	166	800562	5.025	ng	# 53
23) Phenanthrene	17.30	178	220715m	1.386	ng	
24) Anthracene	17.40	178	367900m	3.769	ng	
26) Fluoranthene	19.32	202	76923	0.514	ng	# 78
28) Pyrene	19.68	202	166208m	1.476	ng	
32) Bis(2-ethylhexyl)phthalate	21.33	149	28075	0.180	ng	# 72

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

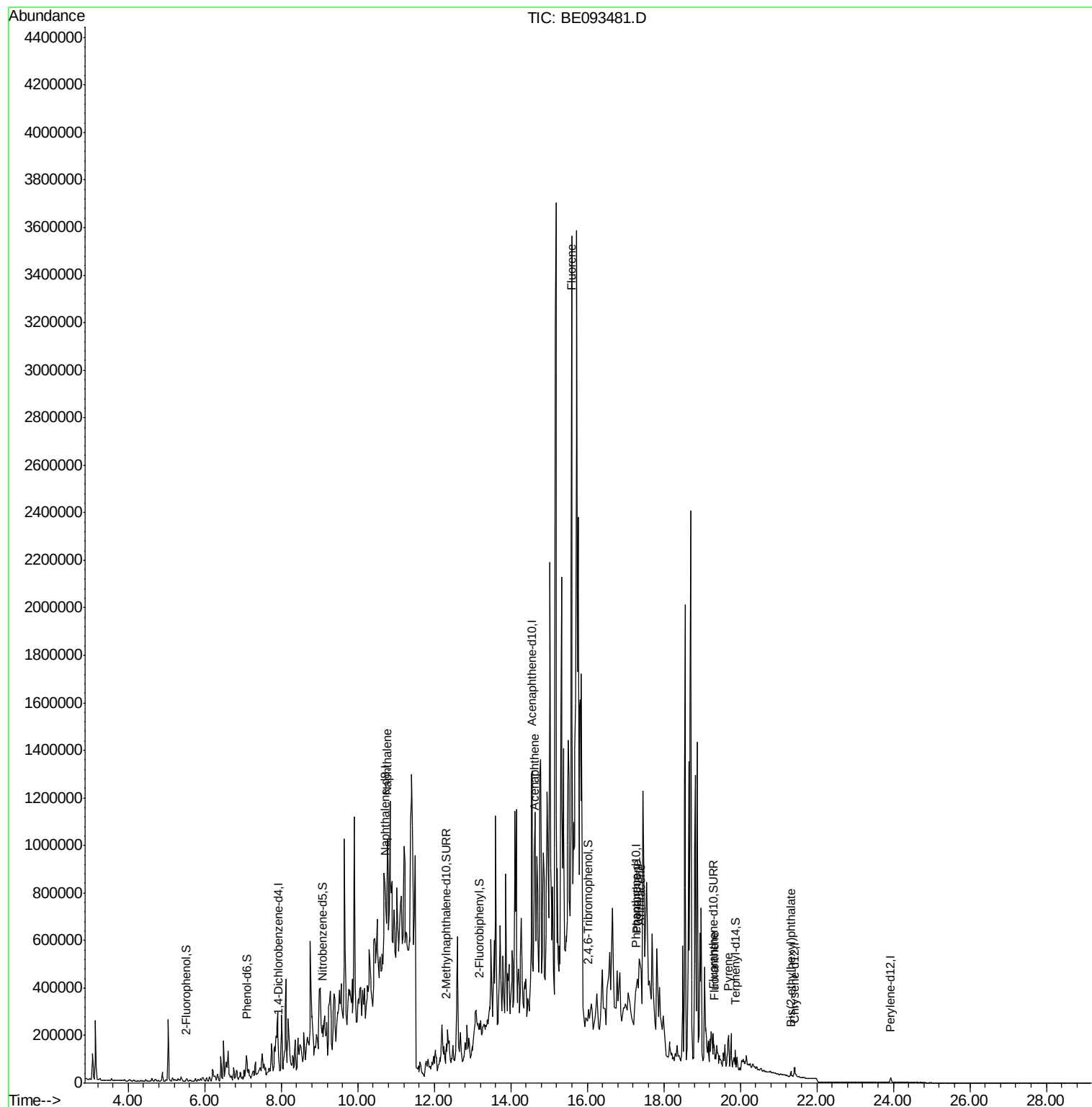
Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093481.D
Acq On : 19 Jul 2017 12:50
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

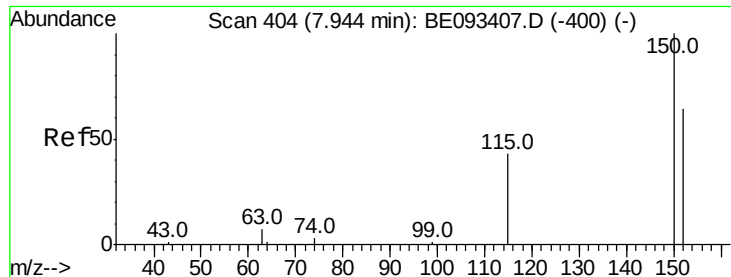
Instrument :
BNA_E
ClientSampleId :
NB-TWP01

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7/20/2017 3:02:42 PM

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#1

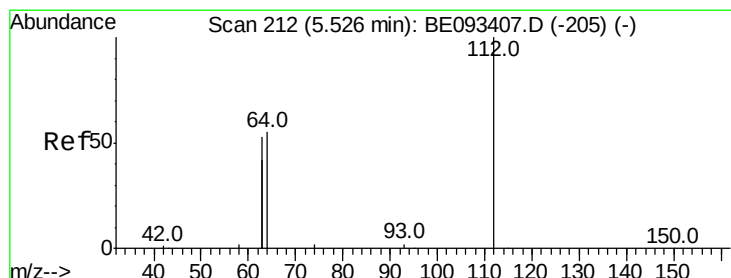
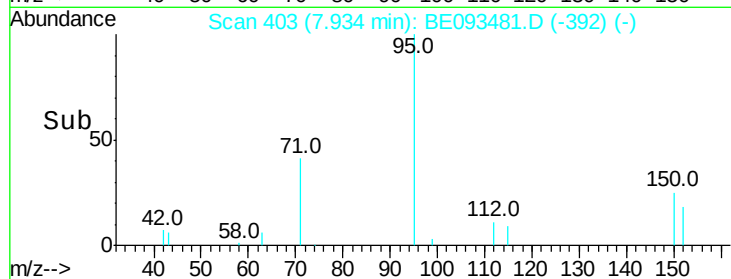
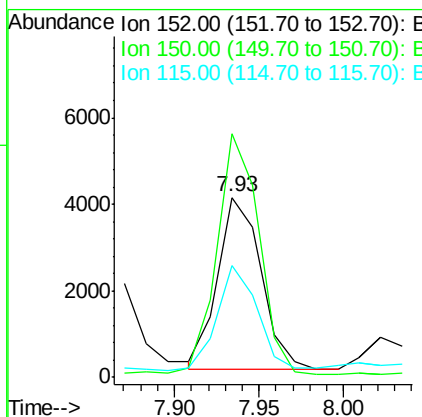
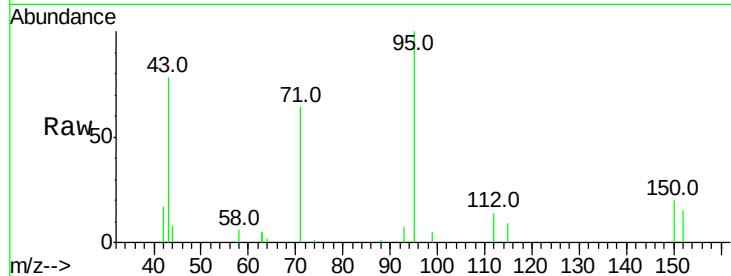
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :
NB-TWP01

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	125.1	187.7
115	62.5	55.7	83.5

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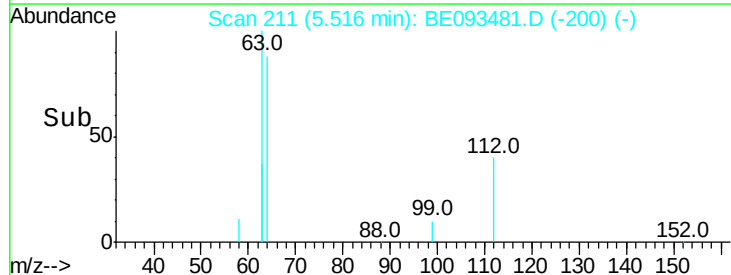
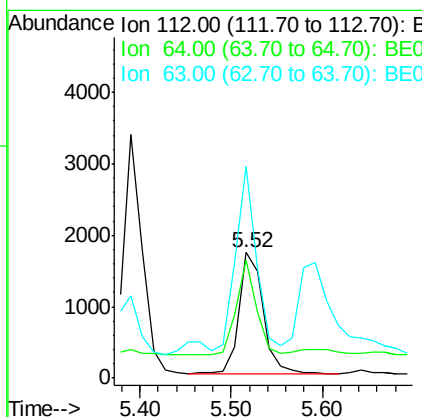
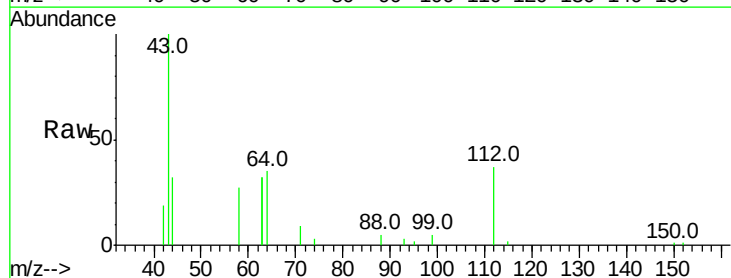
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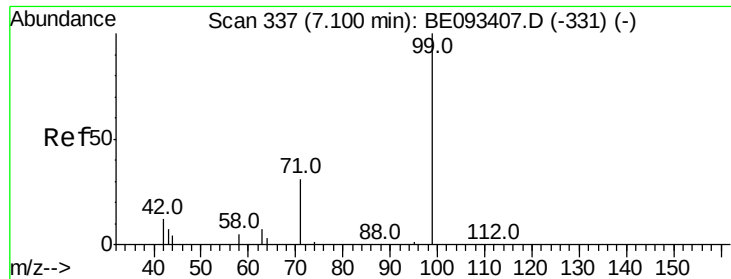


#4

2-Fluorophenol
Concen: 0.143 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.4	84.6
63	147.9	29.3	43.9#





#5

Phenol-d6

Concen: 0.221 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

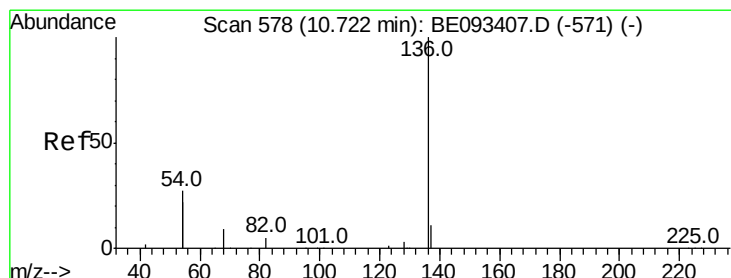
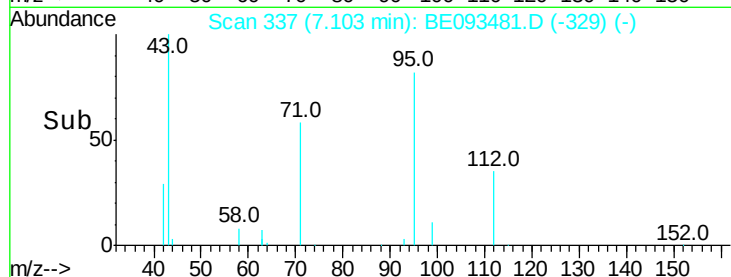
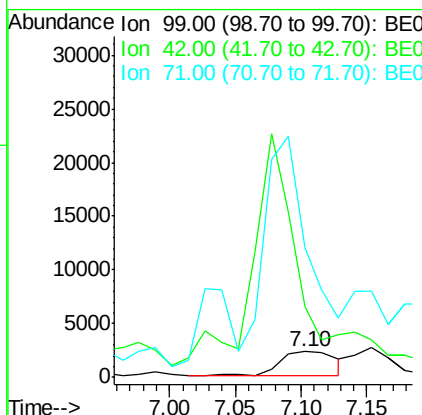
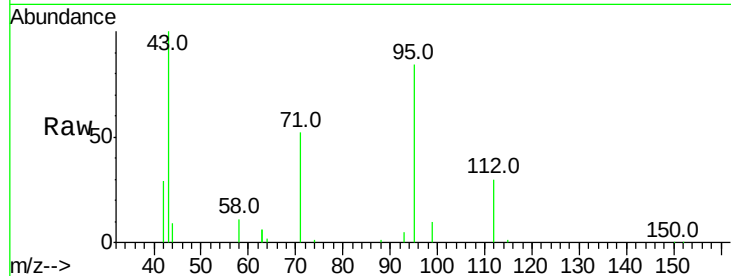
ClientSampleId :

NB-TWP01

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	638.9	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

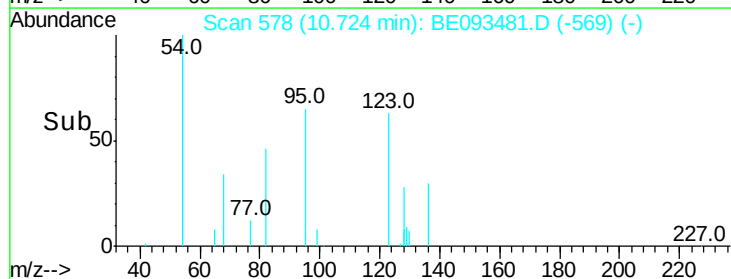
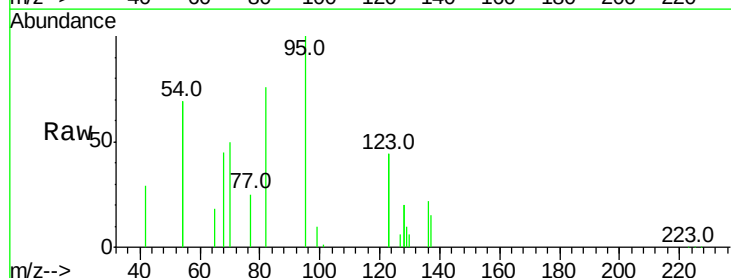
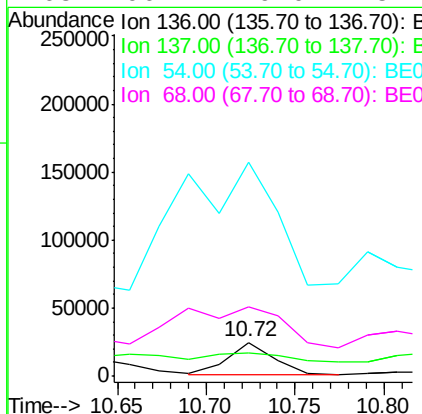
RT: 10.72 min Scan# 578

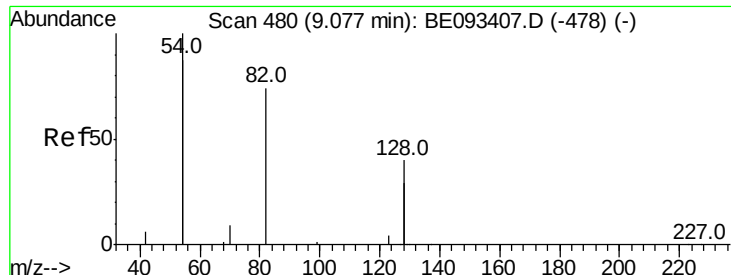
Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	69.6	9.8	14.8#
54	638.6	10.3	15.5#
68	206.4	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 2.172 ng/ml

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

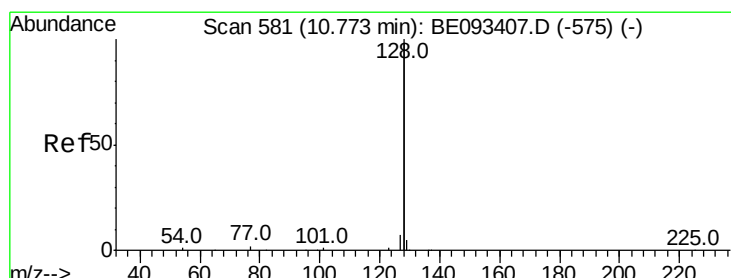
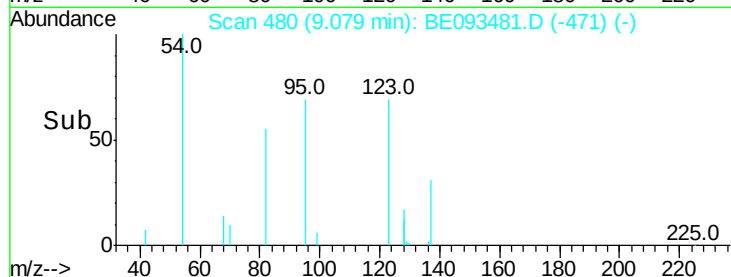
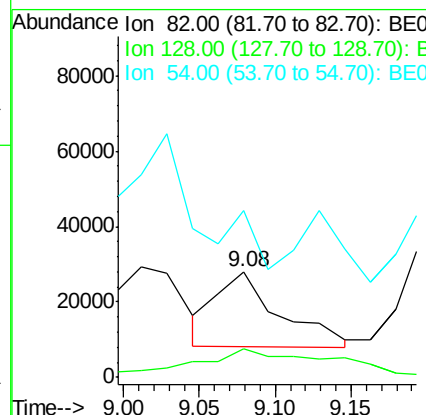
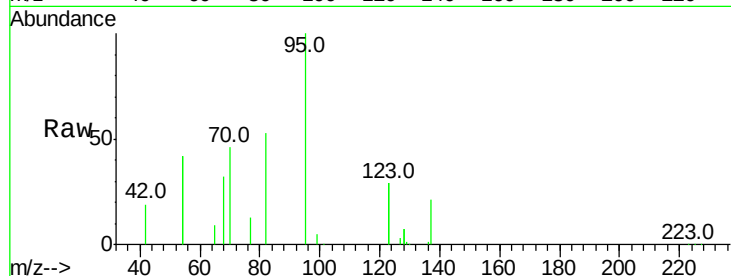
ClientSampleId :

NB-TWP01

Tot Ion:	82	Resp:	57749
Ion Ratio	Lower	Upper	
82	100		
128	13.6	17.0	25.4#
54	78.8	53.8	80.6

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#9

Naphthalene

Concen: 2.447 ng/ml

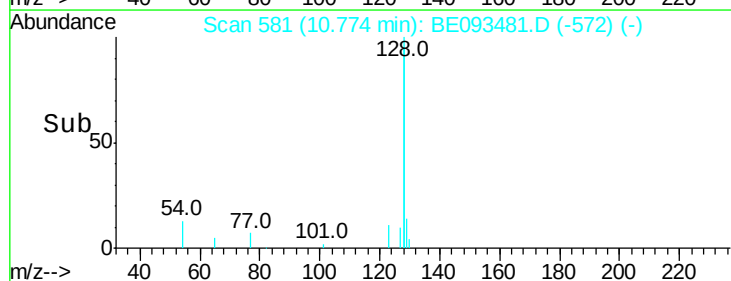
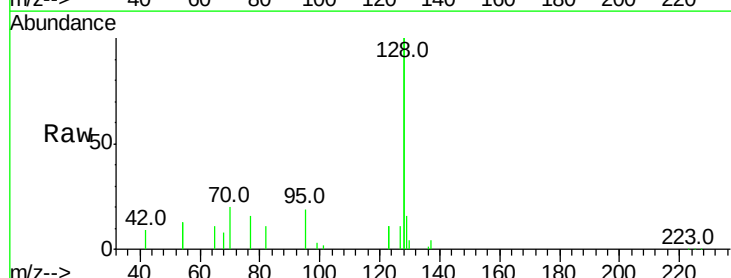
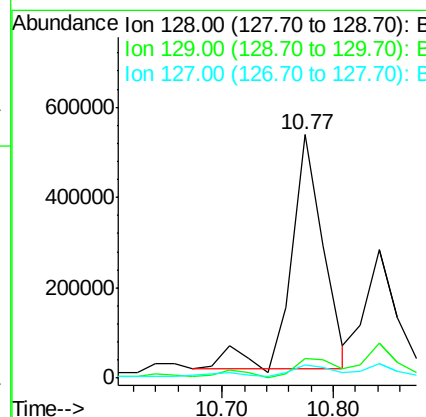
RT: 10.77 min Scan# 581

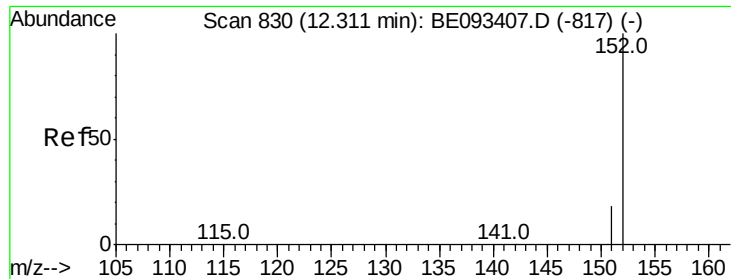
Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Tgt Ion:	128	Resp:	1066976
Ion Ratio	Lower	Upper	
128	100		
129	7.8	11.4	17.0#
127	5.4	11.2	16.8#





#11

2-Methylnaphthalene-d10

Concen: 0.554 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

ClientSampleId :

NB-TWP01

Tot Ion:152 Resp: 36784

Ion Ratio Lower Upper

152 100

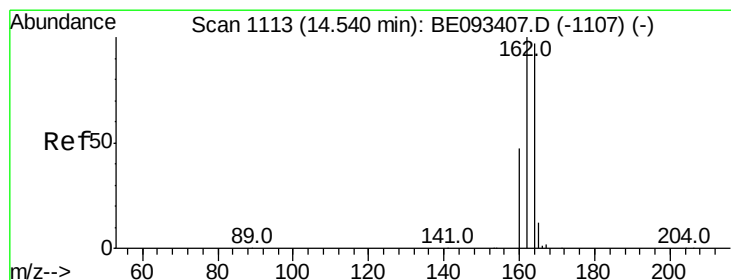
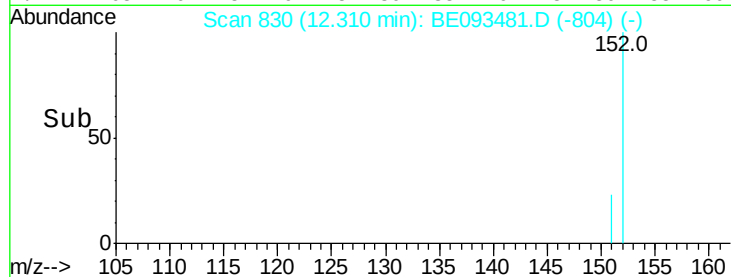
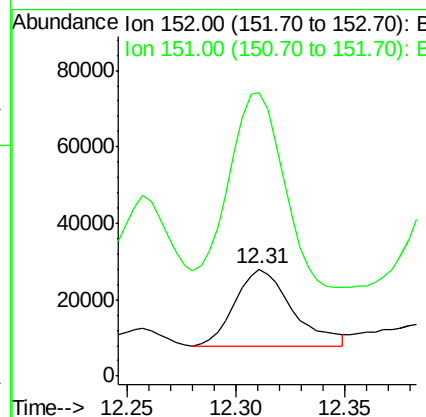
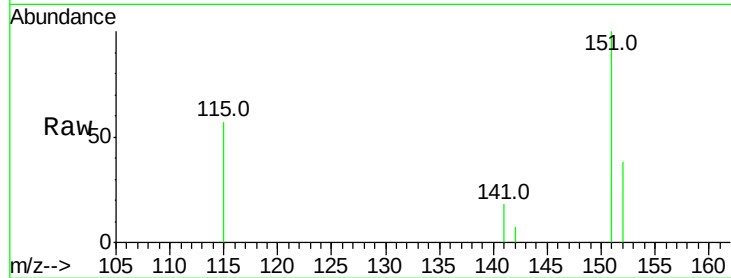
151 241.1 15.1 22.7#

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.55 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

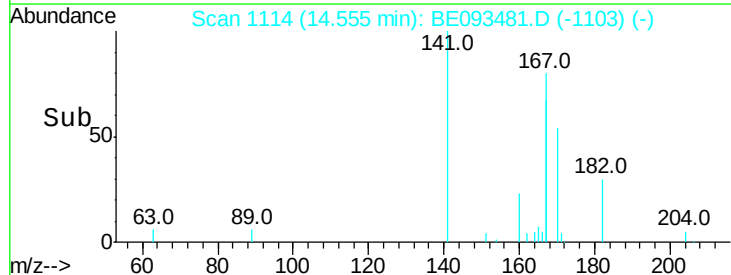
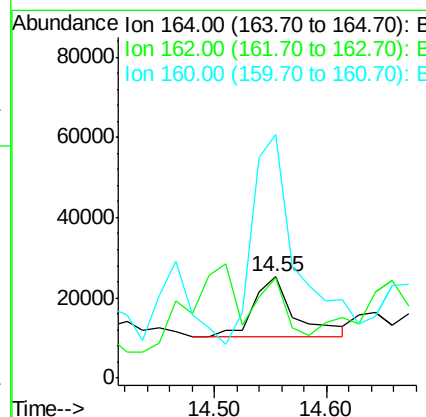
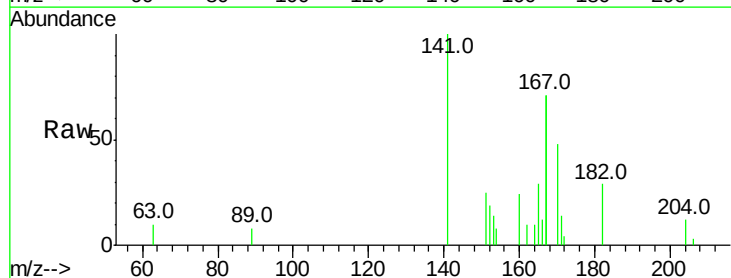
Tgt Ion:164 Resp: 38046

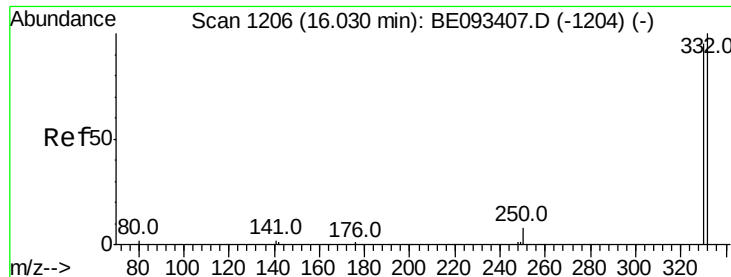
Ion Ratio Lower Upper

164 100

162 98.6 84.6 127.0

160 240.5 41.8 62.6#





#14

2,4,6-Tribromophenol

Concen: 0.163 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

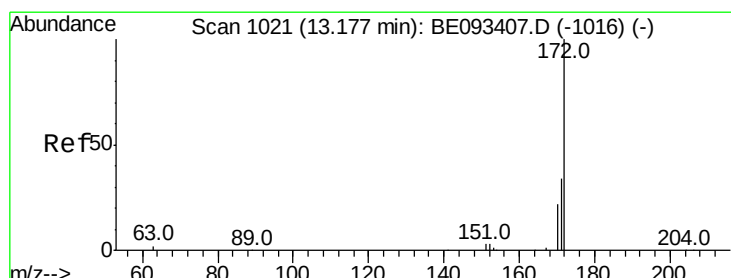
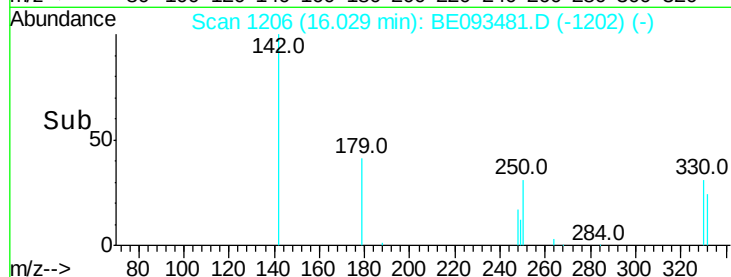
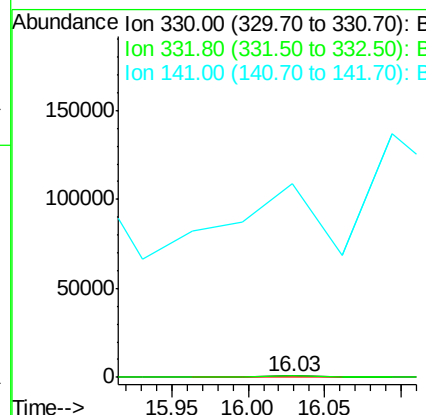
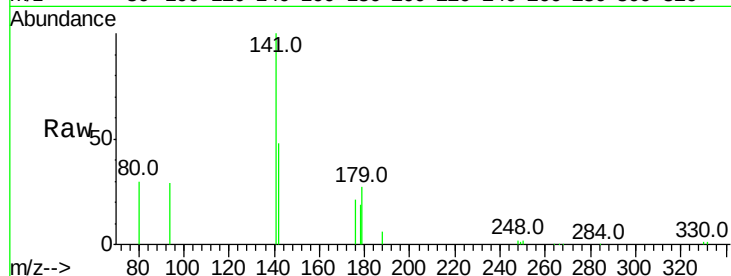
ClientSampleId :

NB-TWP01

Tot Ion	Ratio	Lower	Upper
330	100		
332	83.8	77.7	116.5
141	0.0	56.2	84.4#

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#15

2-Fluorobiphenyl

Concen: 0.439 ng

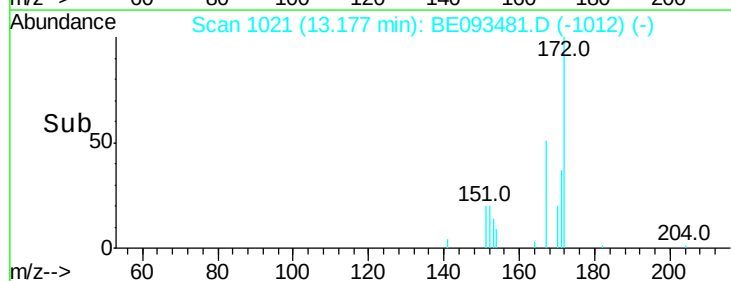
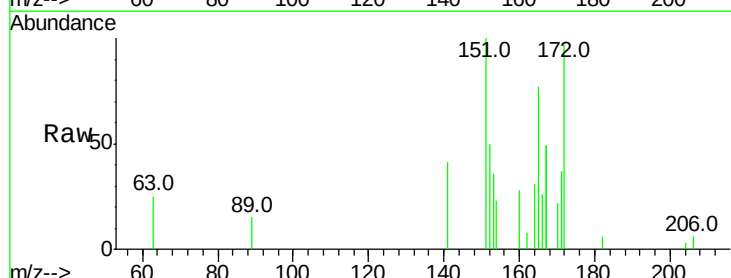
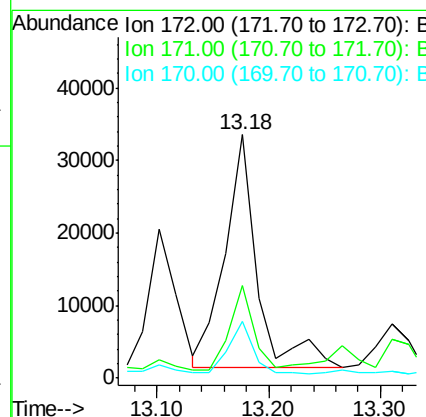
RT: 13.18 min Scan# 1021

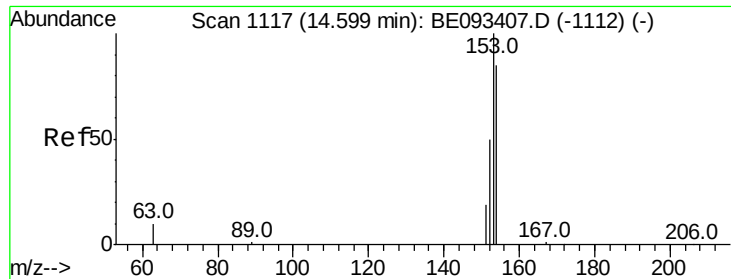
Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	23.1	20.7	31.1





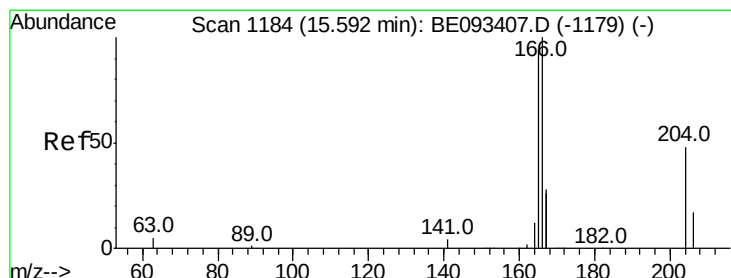
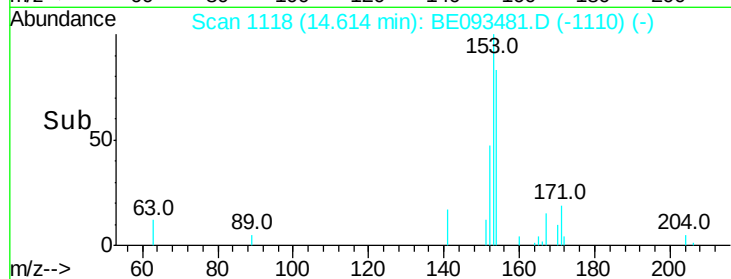
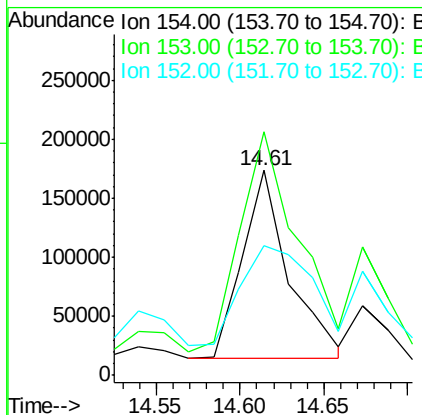
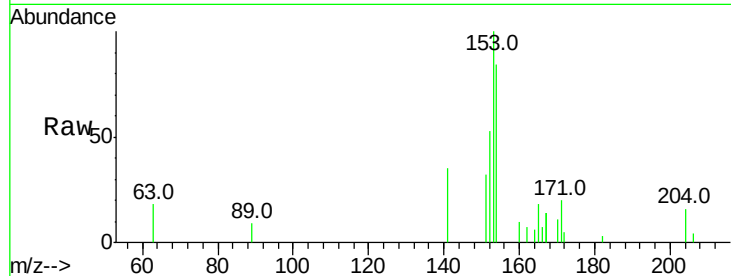
#17
Acenaphthene
Concen: 2.650 ng
RT: 14.61 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampled :
NB-TWP01

Tot Ion	Ratio	Lower	Upper
154	100		
153	143.7	91.2	136.8#
152	80.8	44.8	67.2#

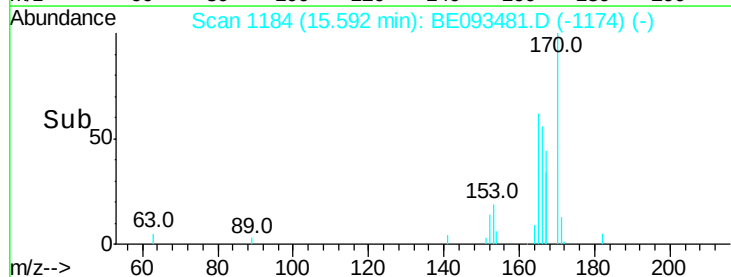
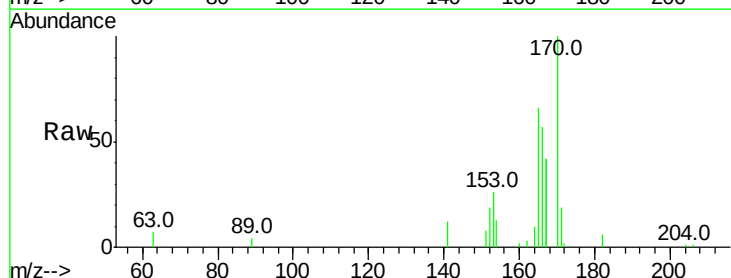
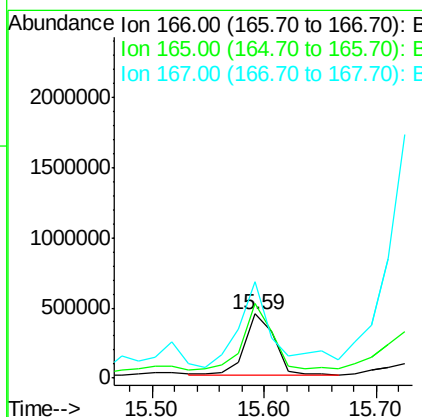
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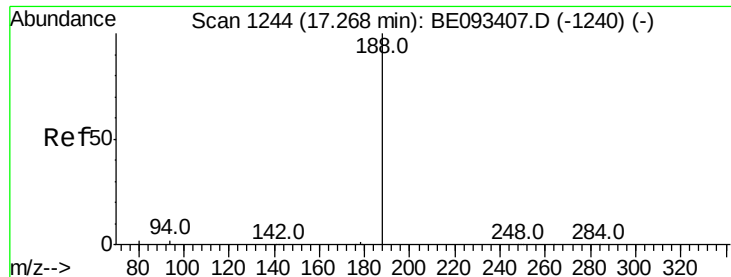
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#18
Fluorene
Concen: 5.025 ng
RT: 15.59 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.6	117.8
167	153.0	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: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

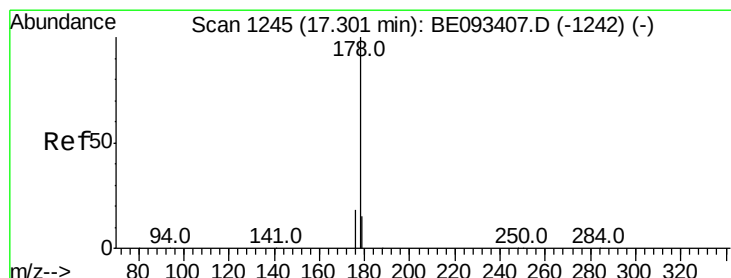
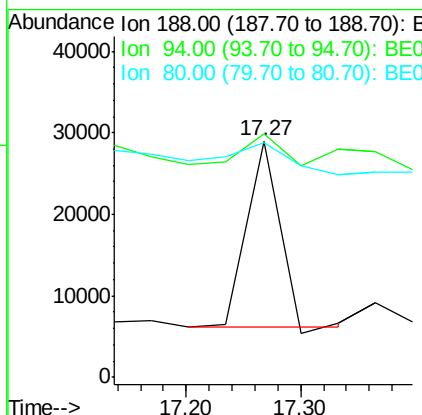
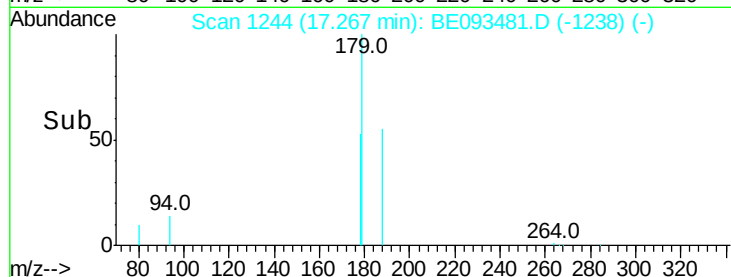
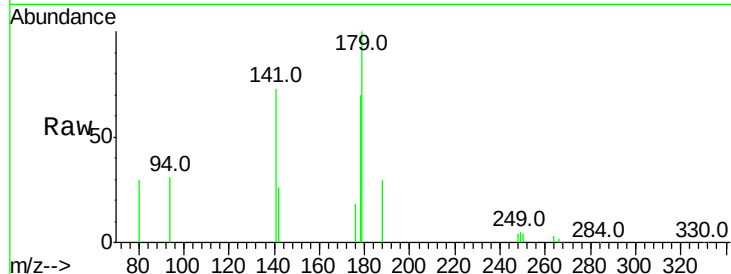
ClientSampleId :

NB-TWP01

Tot Ion:	188	Resp:	43797
Ion Ratio	Lower	Upper	
188	100		
94	103.0	11.3	16.9#
80	99.3	11.7	17.5#

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#23

Phenanthrene

Concen: 1.386 ng m

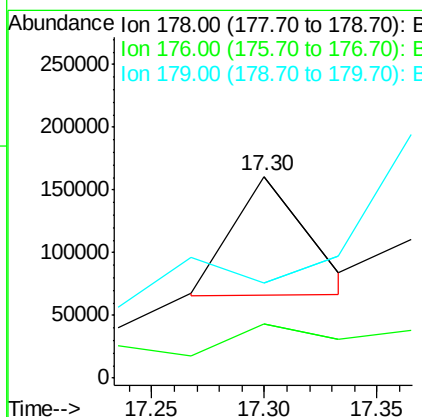
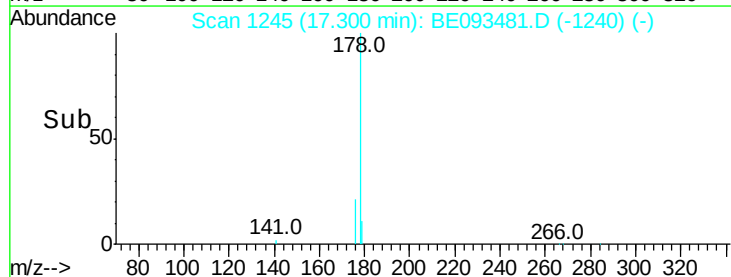
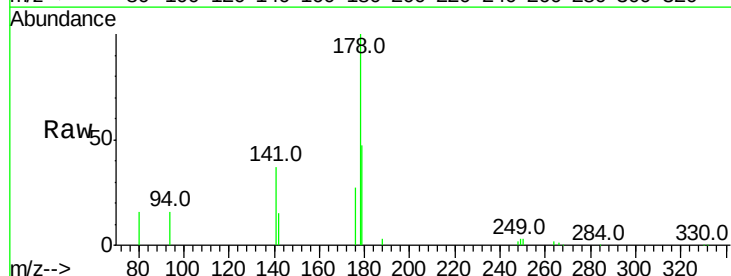
RT: 17.30 min Scan# 1245

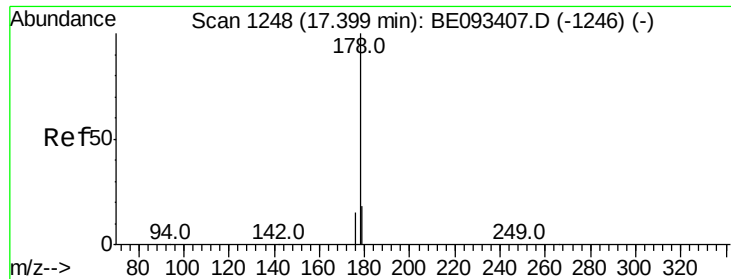
Delta R.T. -0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Tgt Ion:	178	Resp:	220715
Ion Ratio	Lower	Upper	
178	100		
176	0.0	15.0	22.4#
179	0.0	12.7	19.1#





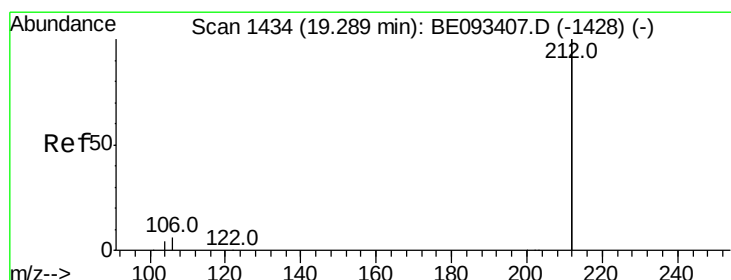
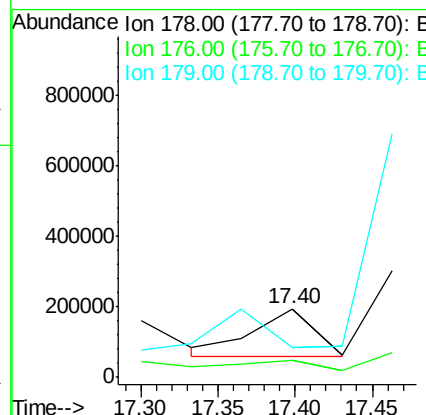
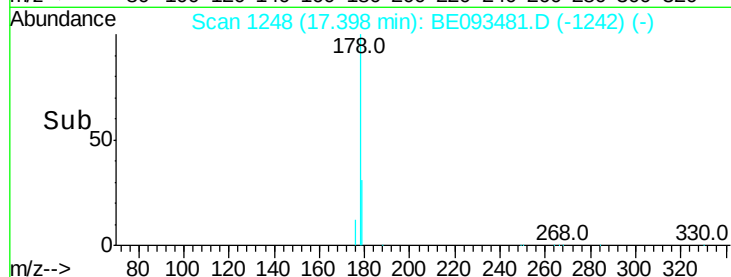
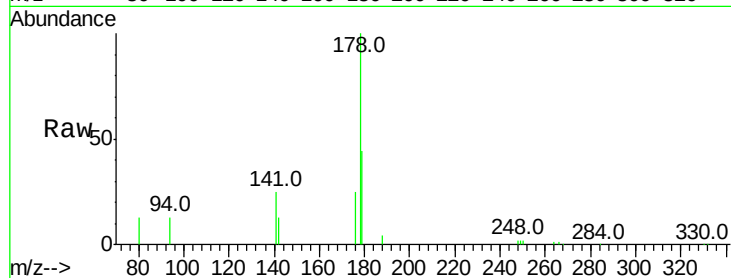
#24
 Anthracene
 Concen: 3.769 ng/mL
 RT: 17.40 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Instrument :
 BNA_E
 ClientSampleID :
 NB-TWP01

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

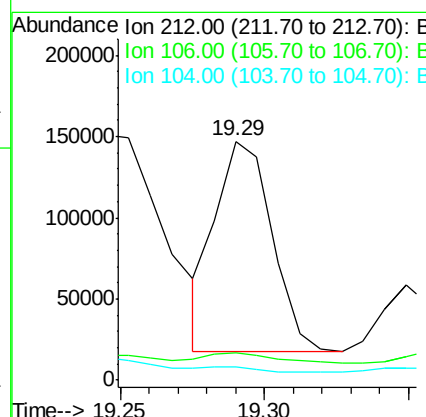
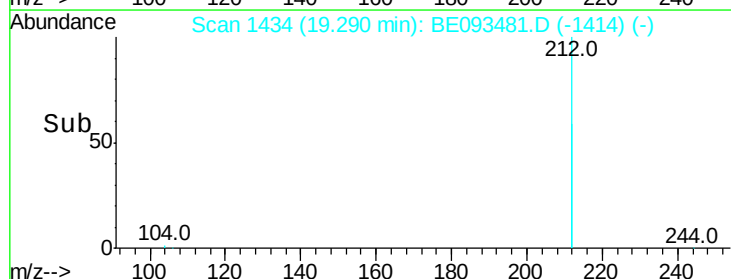
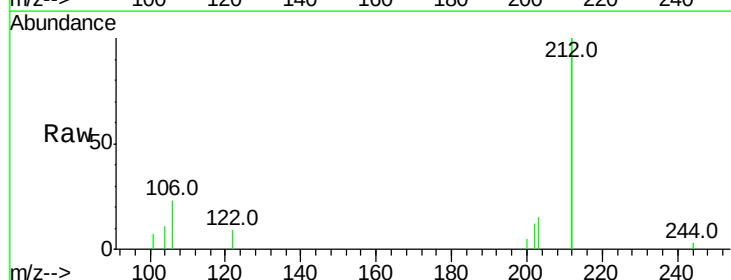
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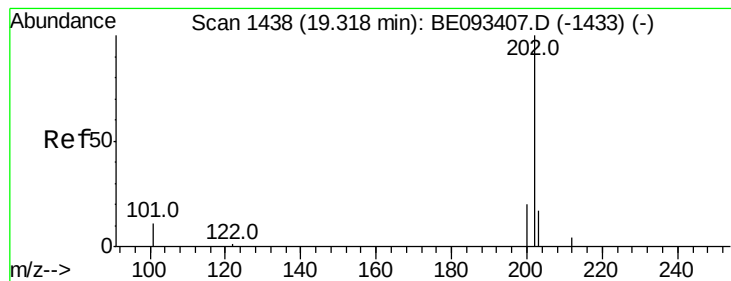
mohammad
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#25
 Fluoranthene-d10
 Concen: 0.333 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
212	100		
106	6.3	2.4	3.6#
104	0.0	1.6	2.4#





#26

Fluoranthene

Concen: 0.514 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Instrument :

BNA_E

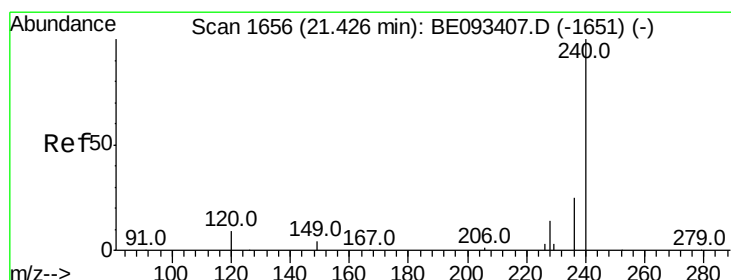
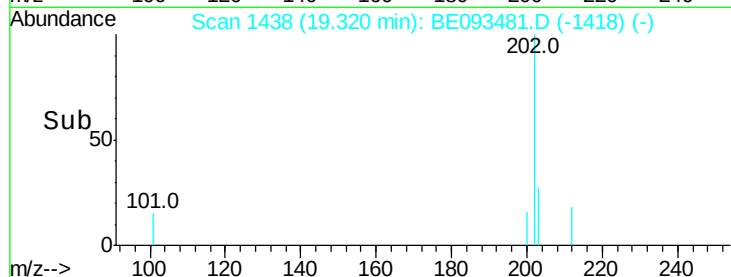
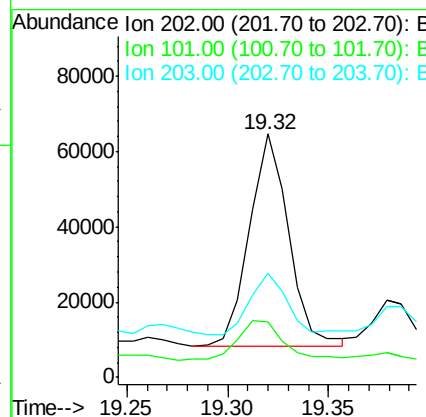
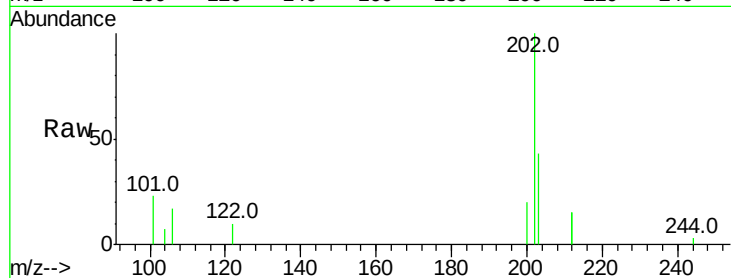
ClientSampleId :

NB-TWP01

Tot Ion:	202	Resp:	76923
Ion Ratio	Lower	Upper	
202	100		
101	21.2	9.6	14.4#
203	27.3	14.4	21.6#

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#27

Chrysene-d12

Concen: 0.400 ng

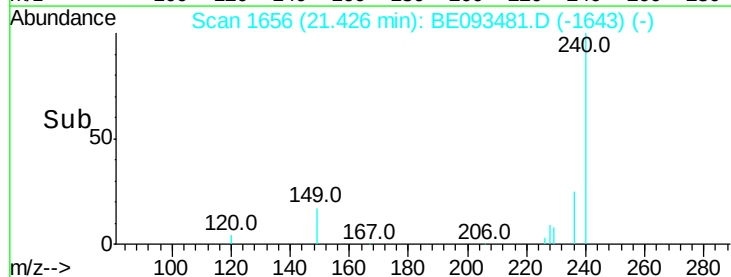
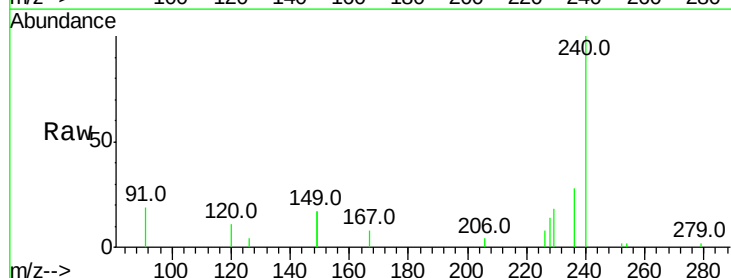
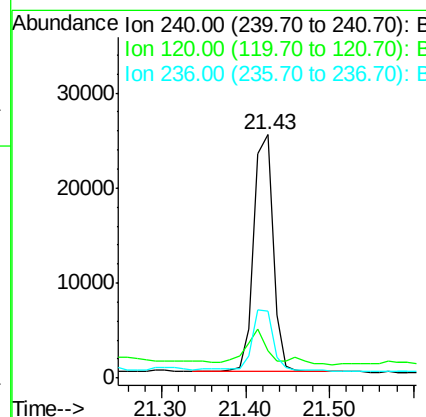
RT: 21.43 min Scan# 1656

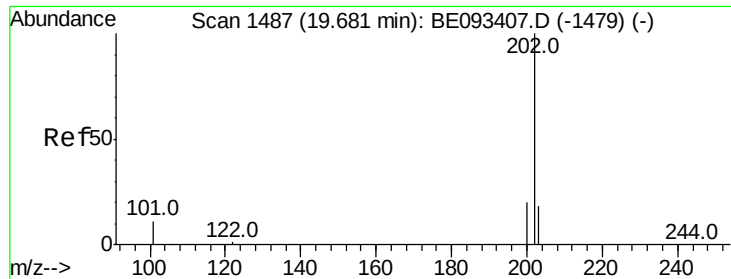
Delta R.T. -0.00 min

Lab File: BE093481.D

Acq: 19 Jul 2017 12:50

Tgt Ion:	240	Resp:	40061
Ion Ratio	Lower	Upper	
240	100		
120	11.2	4.6	7.0#
236	27.6	20.8	31.2





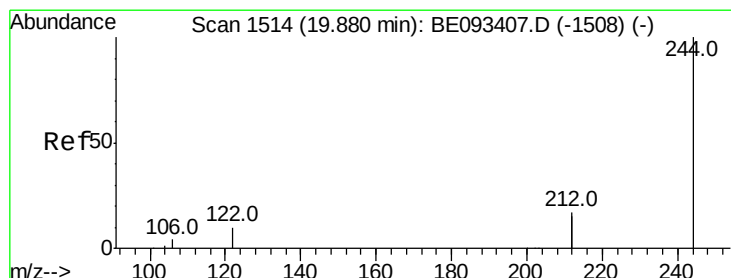
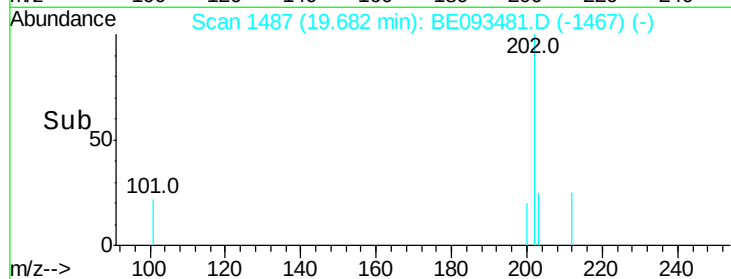
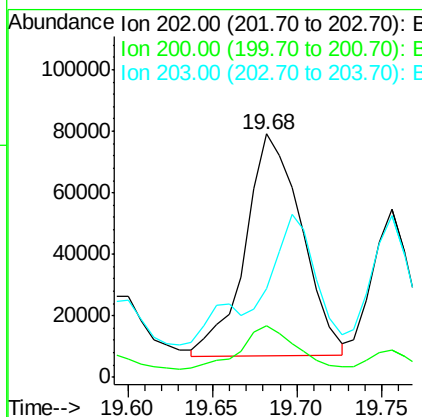
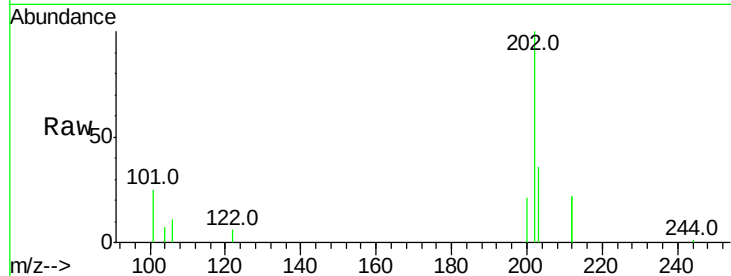
#28
 Pvrene
 Concen: 1.476 ng/ml
 RT: 19.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Instrument :
 BNA_E
 ClientSampled :
 NB-TWP01

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	0.0	13.7	20.5

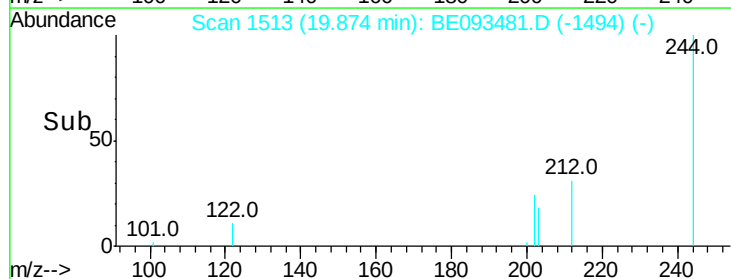
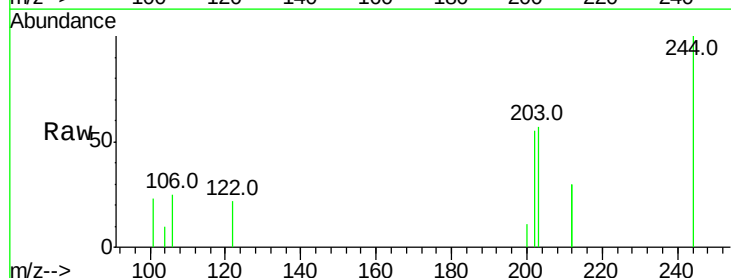
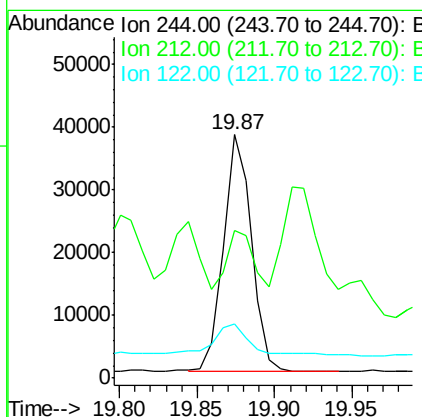
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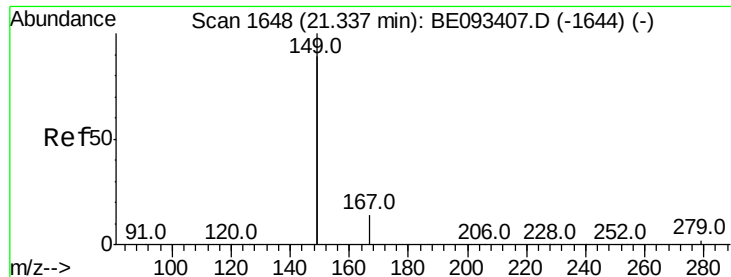
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#29
 Terphenyl-d14
 Concen: 0.661 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	60.6	10.6	16.0
122	22.4	15.4	23.0





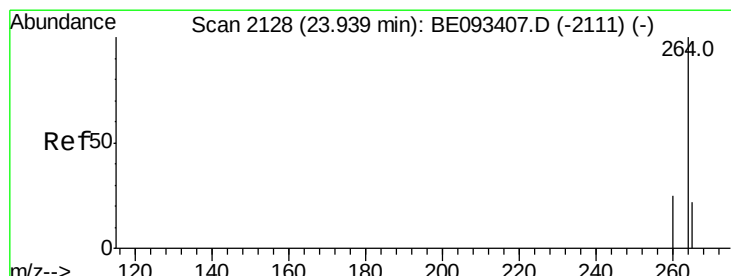
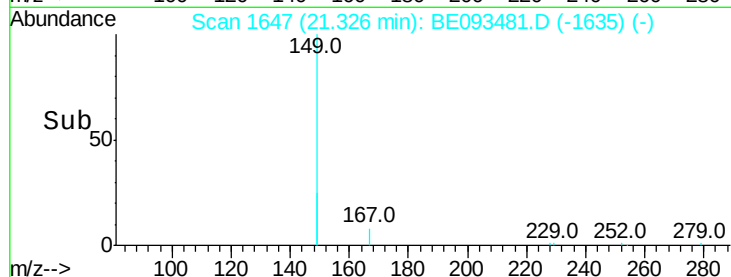
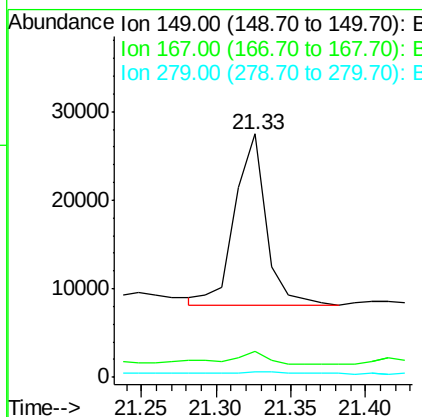
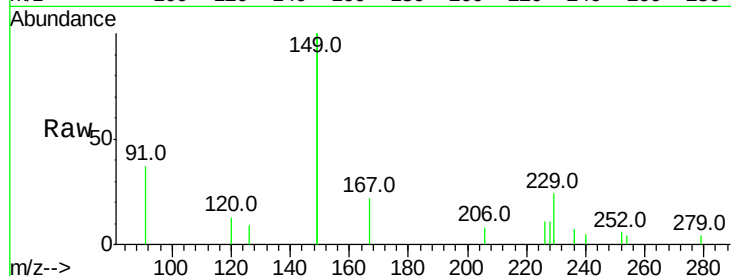
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.180 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP01

Tot Ion	Ratio	Lower	Upper
149	100		
167	9.4	20.1	30.1#
279	1.5	2.2	3.4#

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093481.D
 Acq: 19 Jul 2017 12:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.0	31.4
265	26.8	24.6	36.8

