

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093395.D
 Acq On : 1 Jul 2017 16:42
 Operator : SJ/JU
 Sample : I3984-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-117N-20170627

Manual Integrations
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Quant Time: Jul 03 05:51:39 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 15:43:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3097	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	14436	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9037	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	31031	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38833	0.40	ng	-0.01
34) Perylene-d12	23.94	264	34417	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1735	0.18	ng	0.00
5) Phenol-d6	7.10	99	1712	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	3530	0.41	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	8285	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1414m	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	29229	0.83	ng	0.00
25) Fluoranthene-d10	19.29	212	139886	0.49	ng	0.00
29) Terphenyl-d14	19.88	244	35752	0.50	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	4391	0.029	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.34	149	28885	0.185	ng	# 66

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

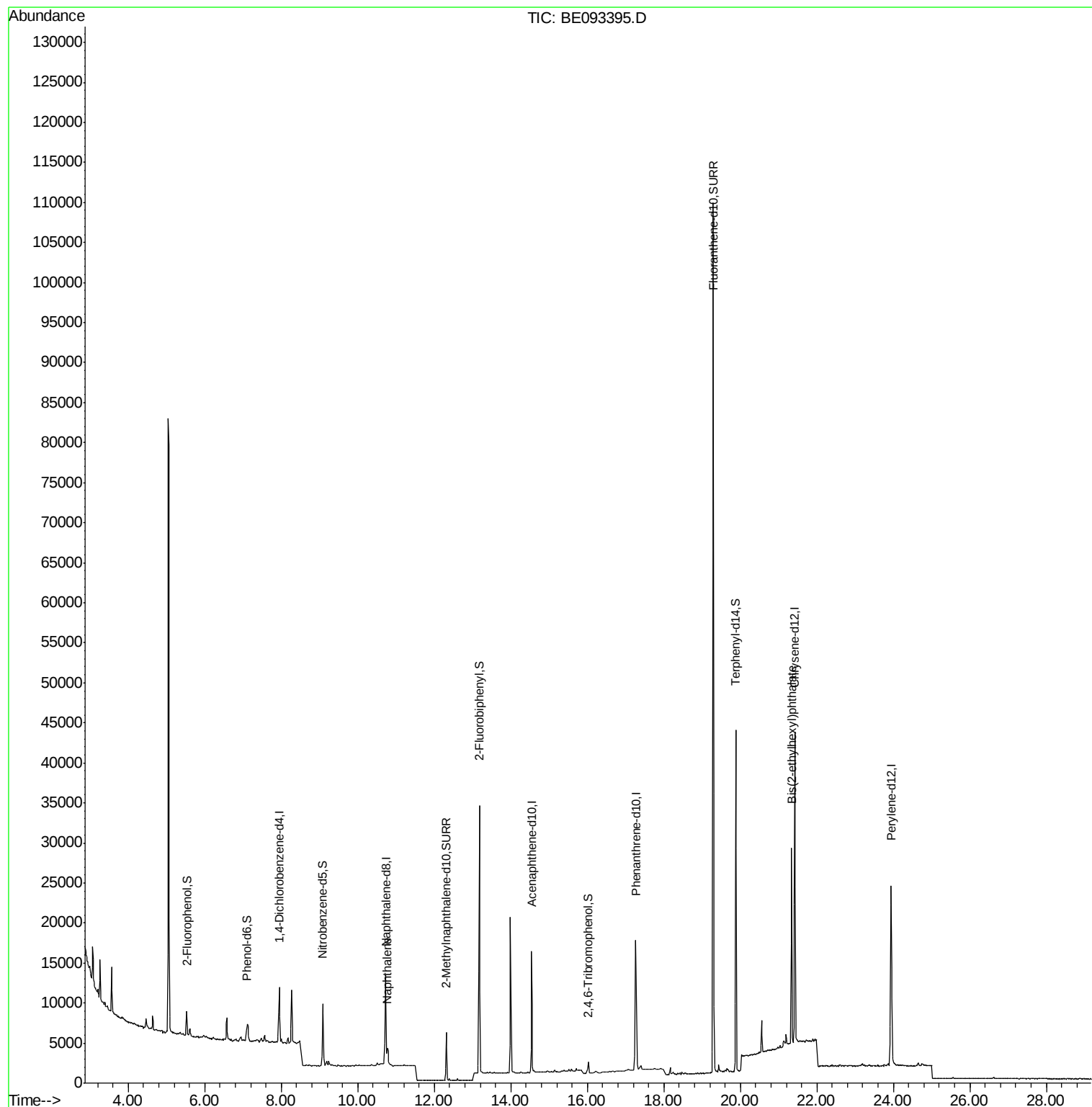
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093395.D
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ALS Vial : 11 Sample Multiplier: 1

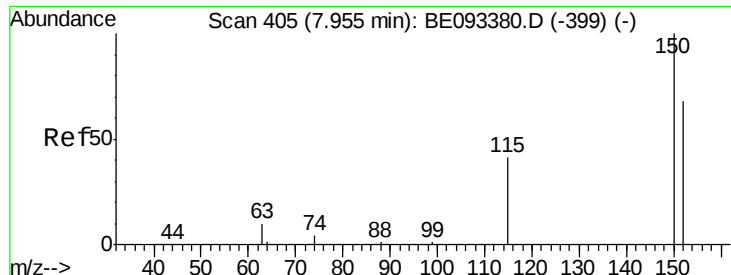
Instrument :
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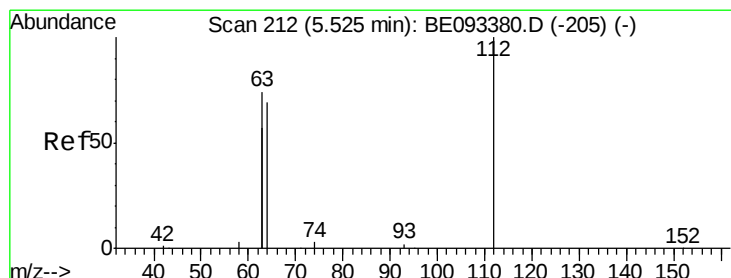
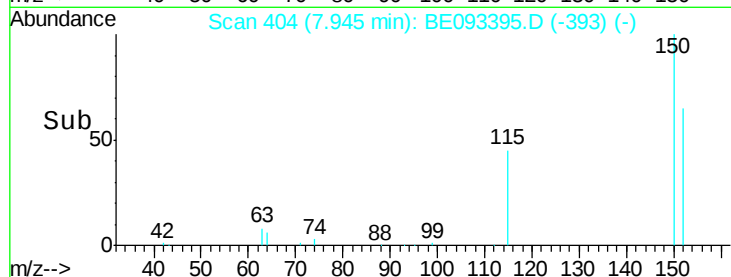
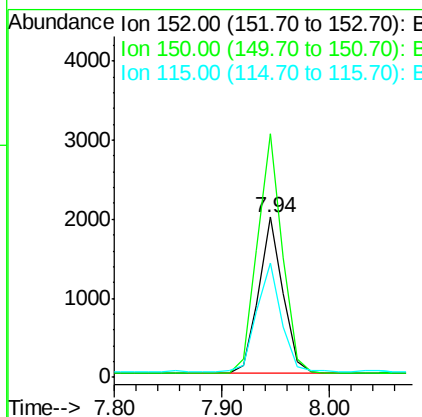
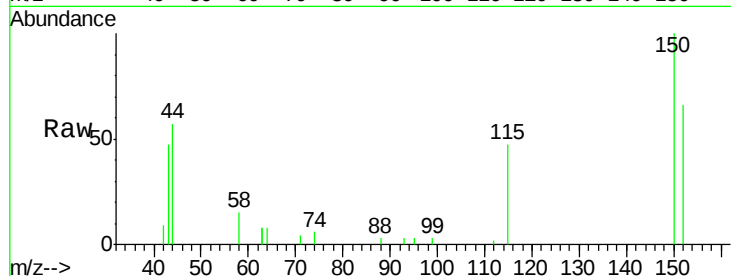
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Instrument :
 BNA_E
 ClientSampleId :
 MH-117N-20170627

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.1	187.7
115	71.7	55.7	83.5

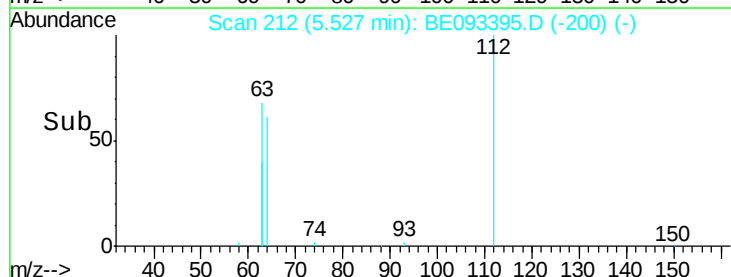
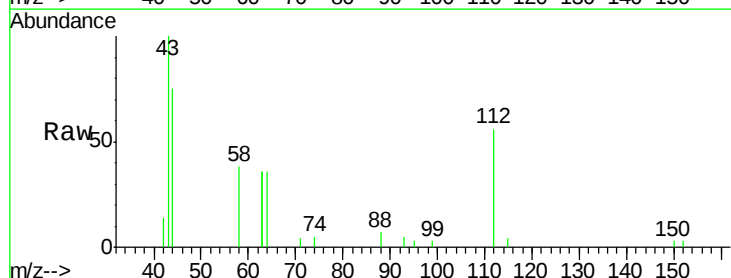
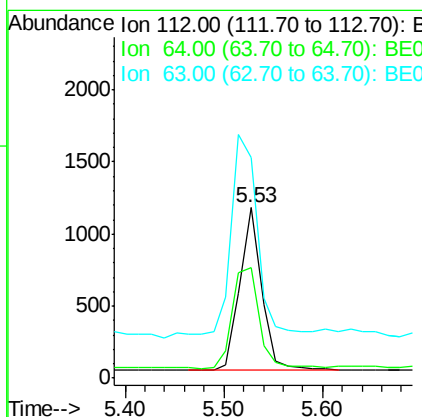
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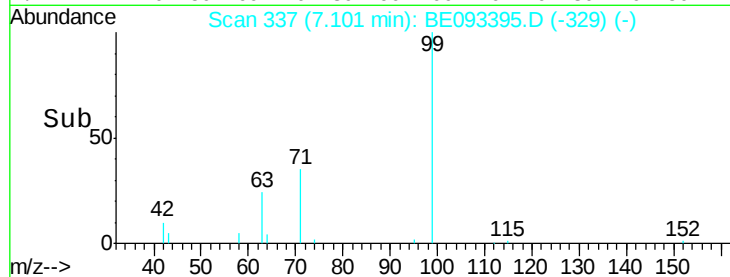
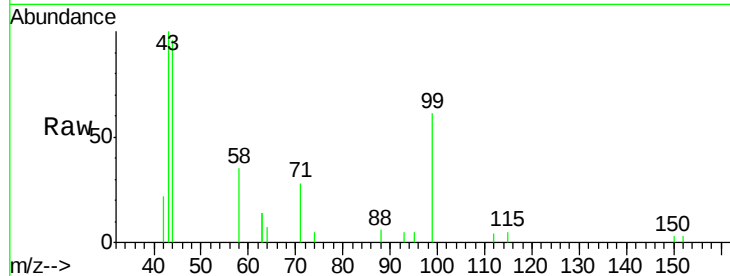
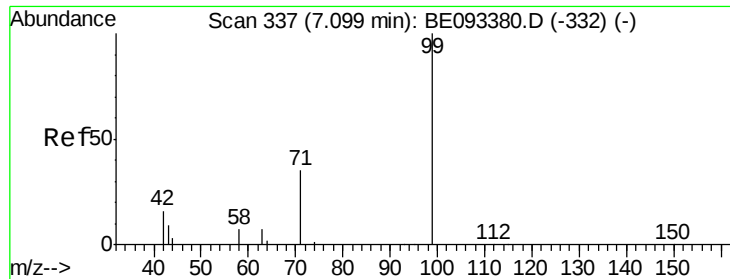
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#4
 2-Fluorophenol
 Concen: 0.180 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	56.4	84.6
63	152.7	29.3	43.9#





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

Instrument :

BNA_E

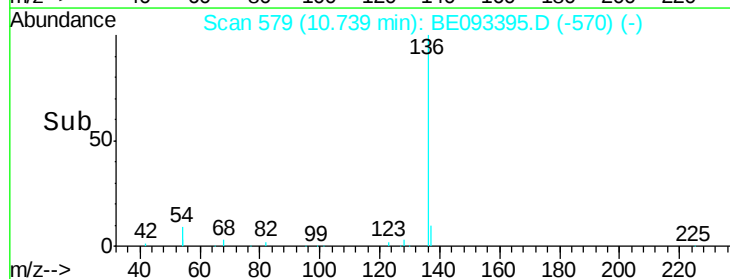
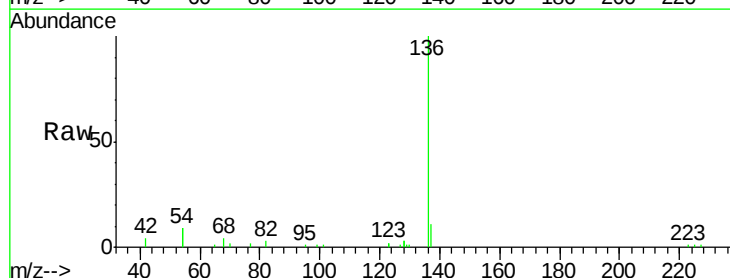
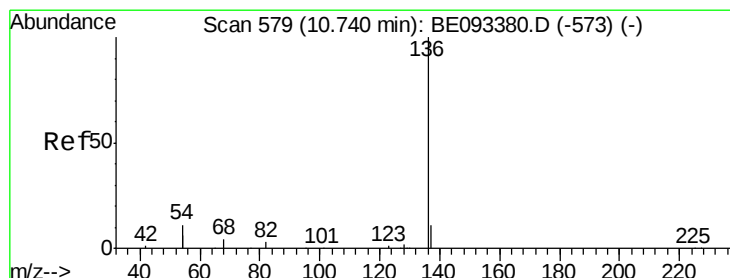
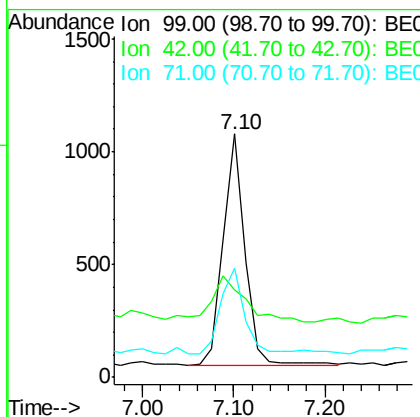
ClientSampleId :

MH-117N-20170627

Tgt Ion:	99	Resp:	1712
Ion Ratio	Lower	Upper	
99	100		
42	31.5	0.0	0.0#
71	40.5	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

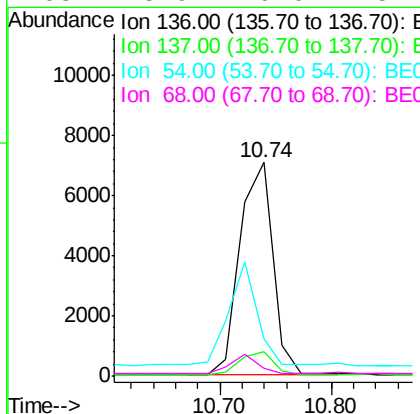
RT: 10.74 min Scan# 579

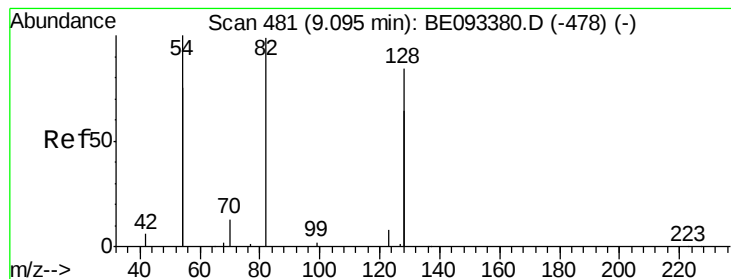
Delta R.T. -0.00 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

Tgt Ion:	136	Resp:	14436
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	17.1	10.3	15.5#
68	3.9	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

Instrument :

BNA_E

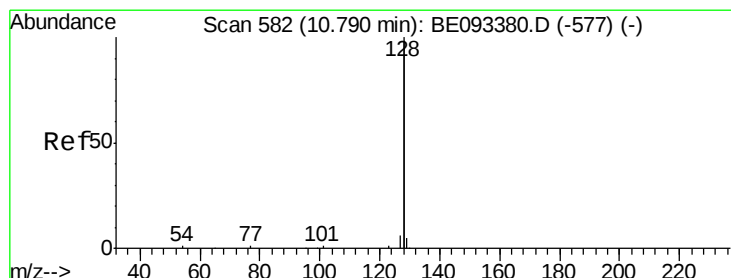
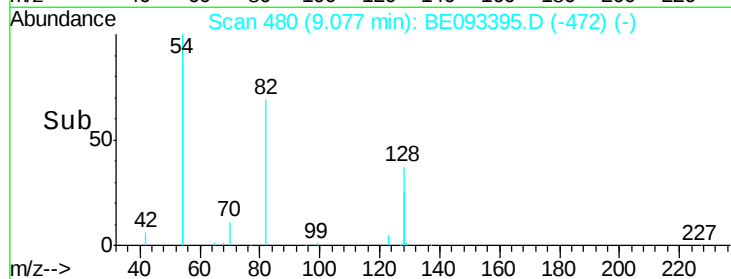
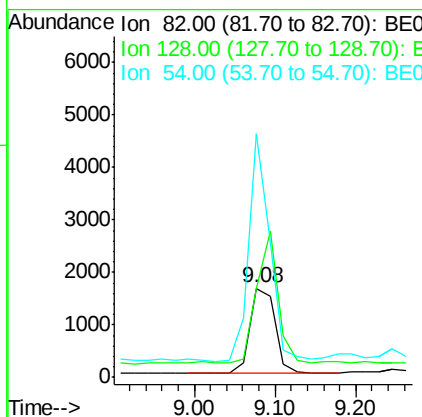
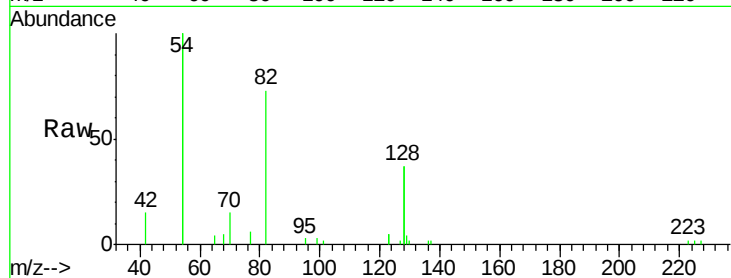
ClientSampleId :

MH-117N-20170627

Tgt Ion:	82	Resp:	3530
Ion Ratio	Lower	Upper	
82	100		
128	100.4	17.0	25.4#
54	274.3	53.8	80.6#

Manual Integrations
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#9

Naphthalene

Concen: 0.029 ng

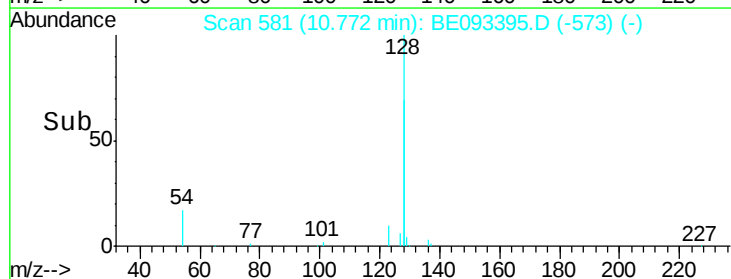
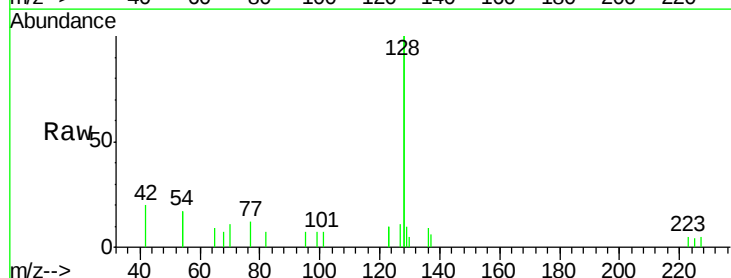
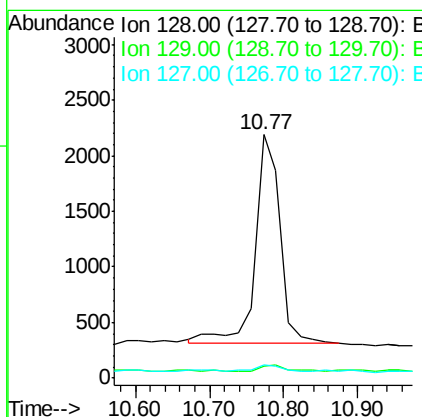
RT: 10.77 min Scan# 581

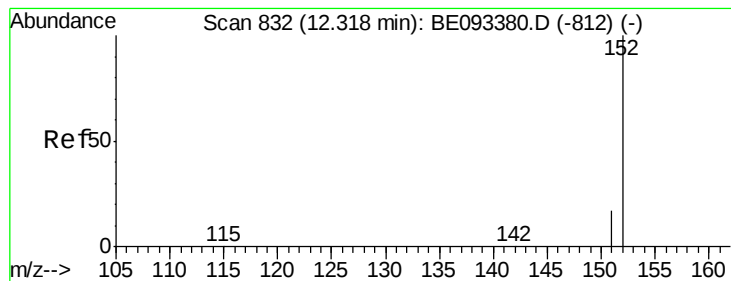
Delta R.T. -0.02 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

Tgt Ion:	128	Resp:	4391
Ion Ratio	Lower	Upper	
128	100		
129	5.1	11.4	17.0#
127	5.7	11.2	16.8#





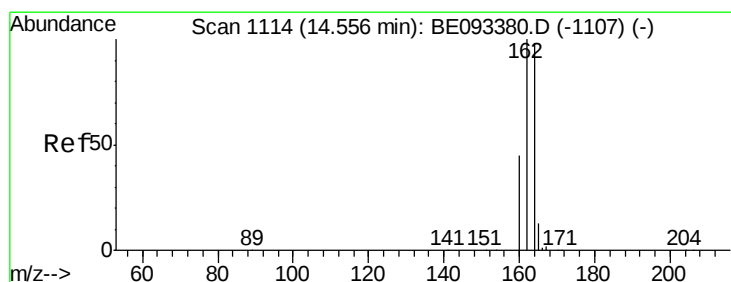
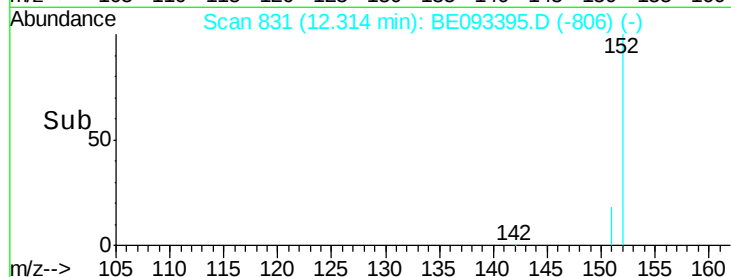
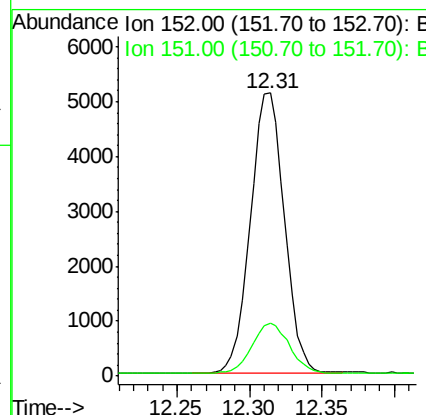
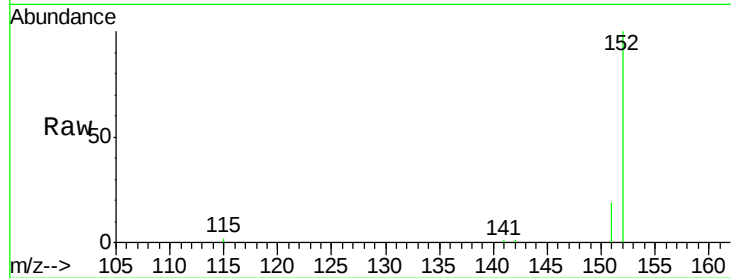
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.31 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE093395.D
Acq: 1 Jul 2017 16:42

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

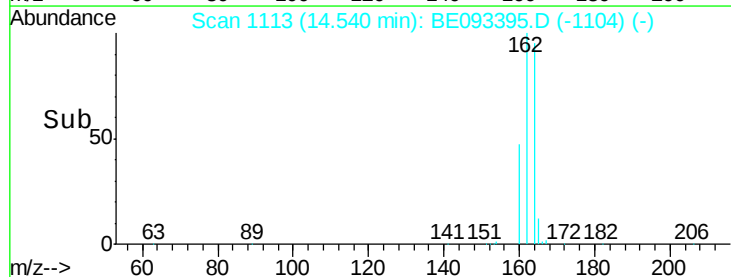
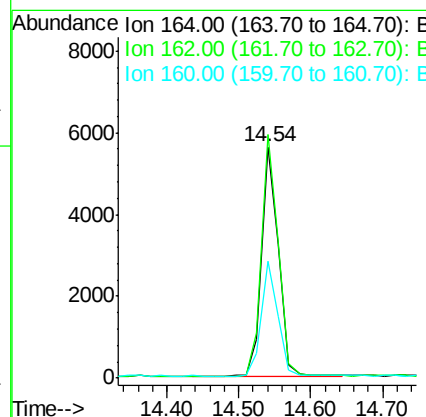
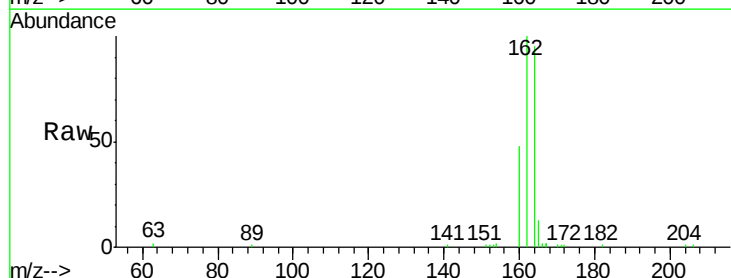
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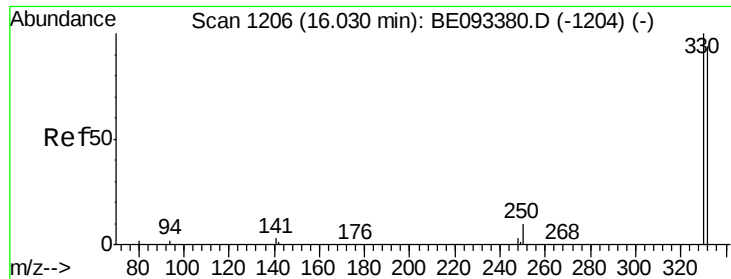
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BE093395.D
Acq: 1 Jul 2017 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.6	127.0
160	50.4	41.8	62.6





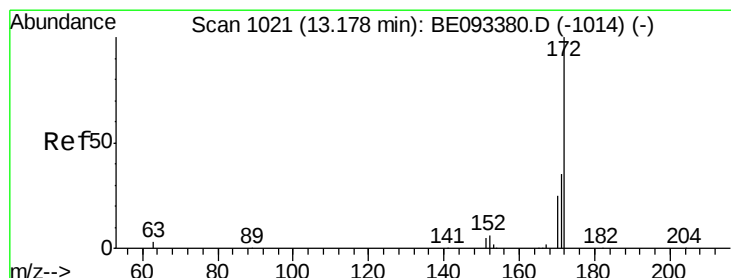
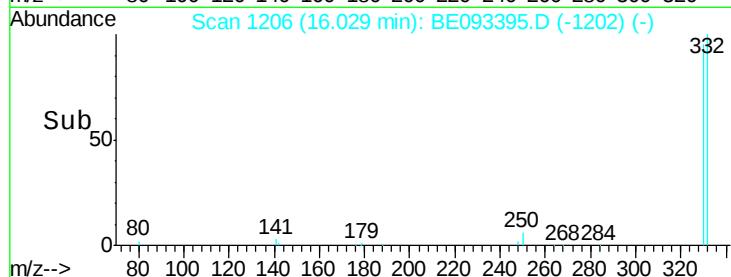
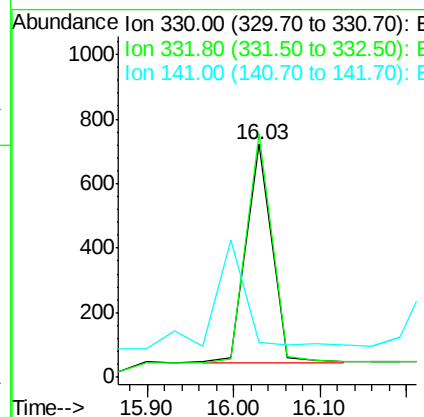
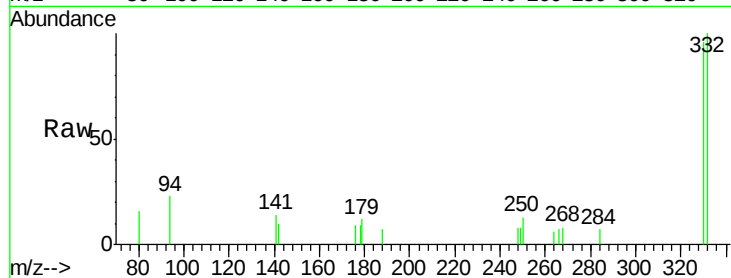
#14
 2,4,6-Tribromophenol
 Concen: 0.392 ng m
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Instrument :
 BNA_E
 ClientSampleId :
 MH-117N-20170627

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

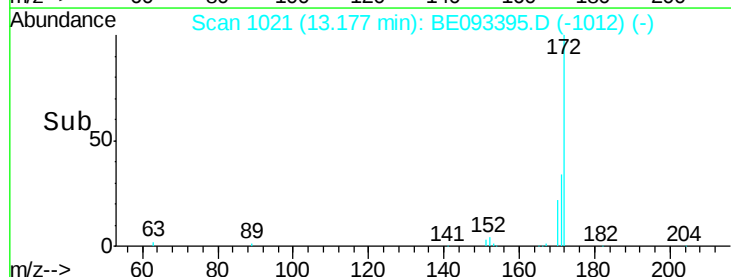
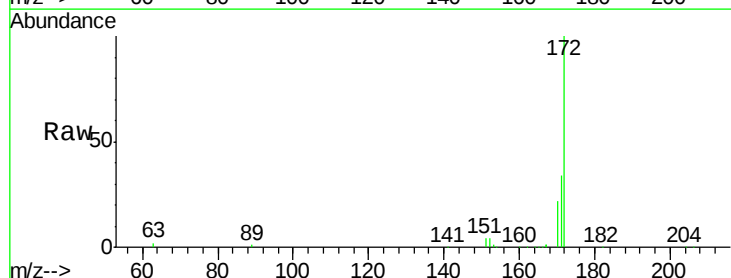
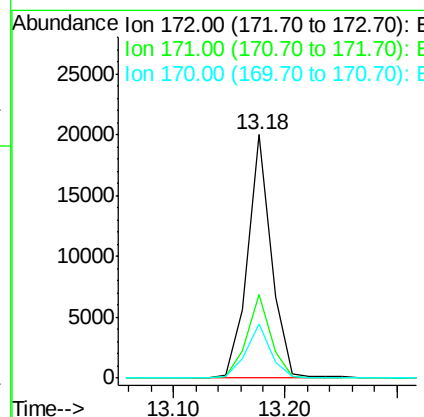
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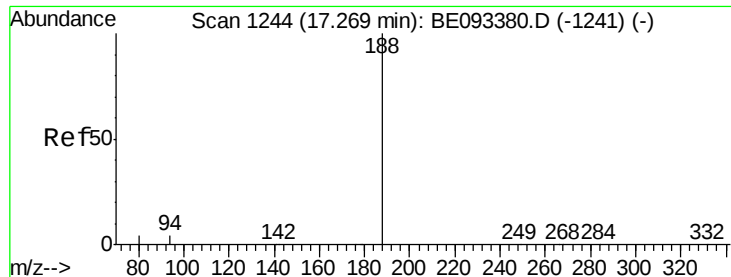
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#15
 2-Fluorobiphenyl
 Concen: 0.826 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.8	44.6
170	22.1	20.7	31.1





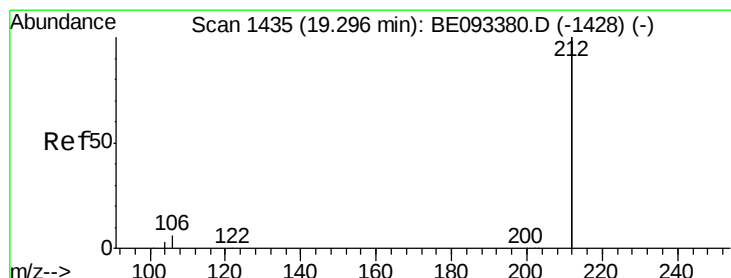
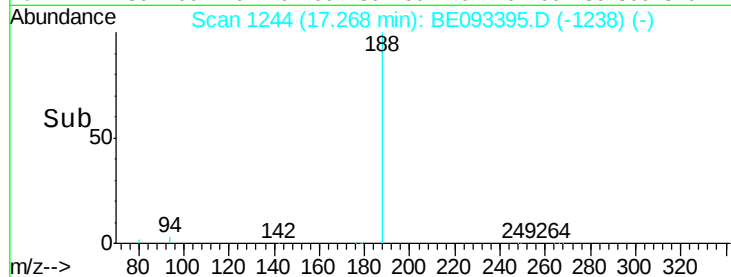
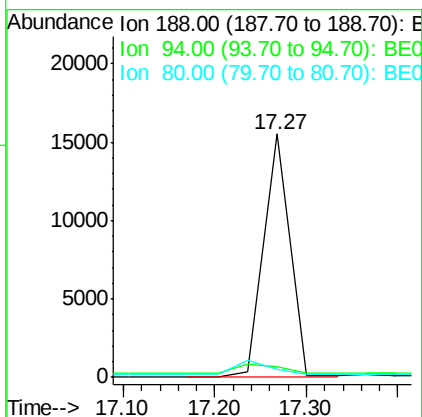
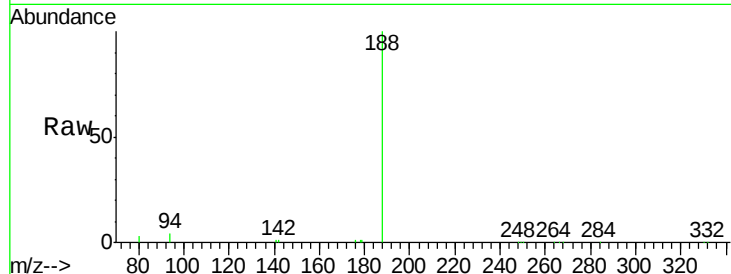
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093395.D
Acq: 1 Jul 2017 16:42

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	31031		
94	4.2	11.3	16.9#	
80	3.1	11.7	17.5#	

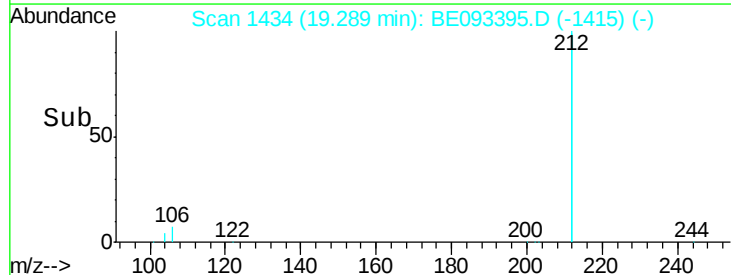
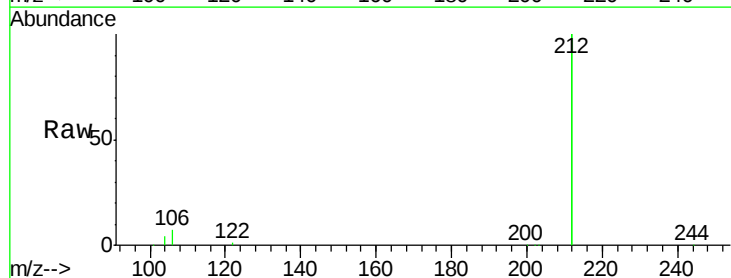
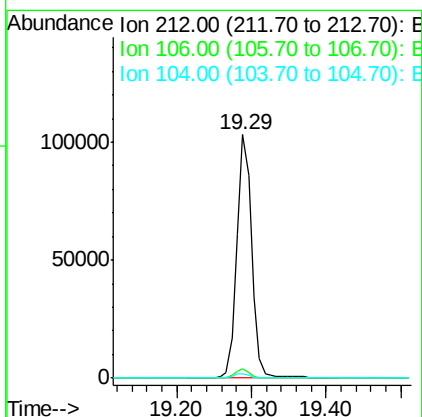
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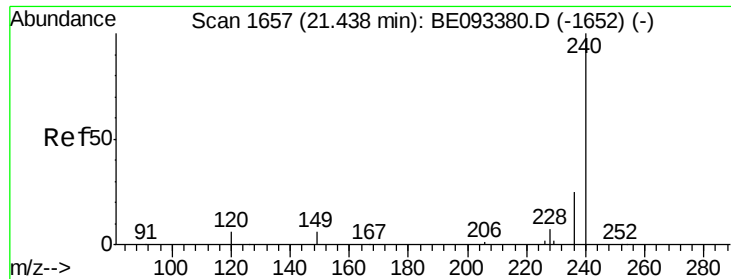
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#25
Fluoranthene-d10
Concen: 0.489 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE093395.D
Acq: 1 Jul 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	139886		
106	3.5	2.4	3.6	
104	2.0	1.6	2.4	





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

Instrument :

BNA_E

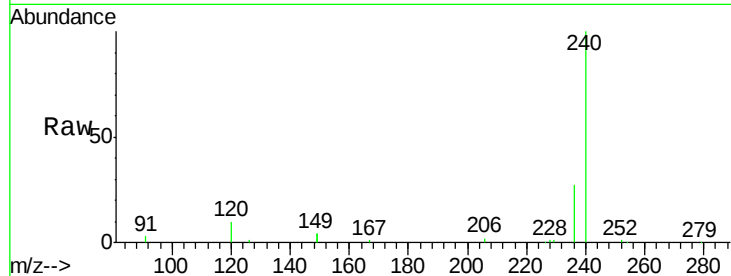
ClientSampleId :

MH-117N-20170627

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.6	7.0#
236	26.7	20.8	31.2

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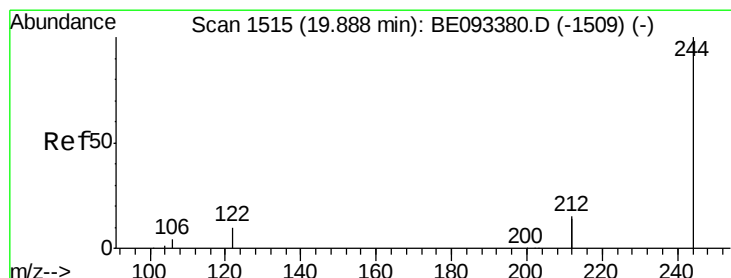
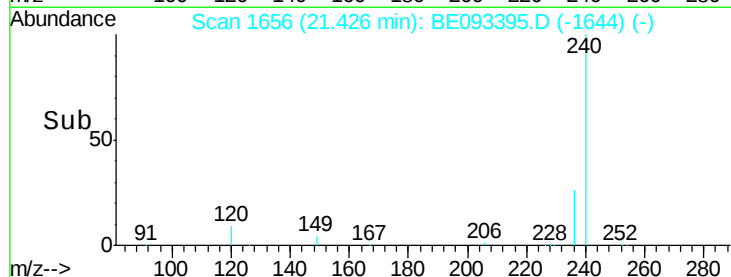
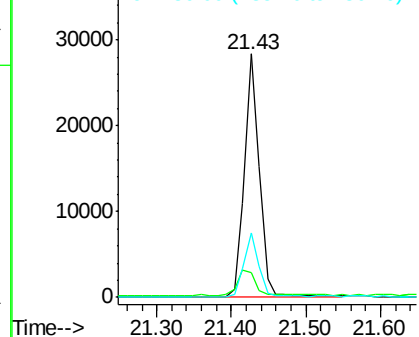
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.497 ng

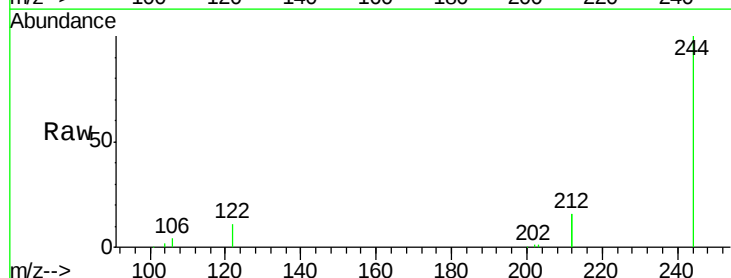
RT: 19.88 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE093395.D

Acq: 1 Jul 2017 16:42

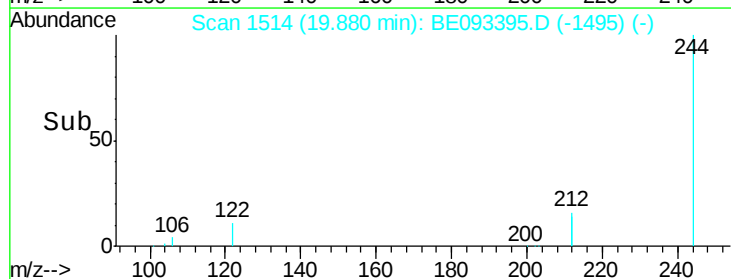
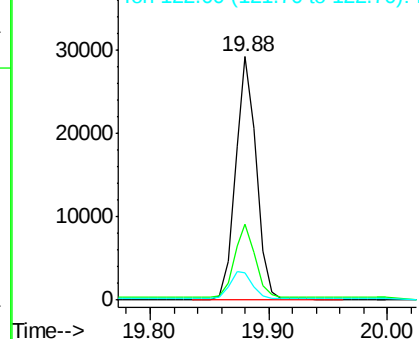
Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.2	10.6	16.0#
122	11.5	15.4	23.0#

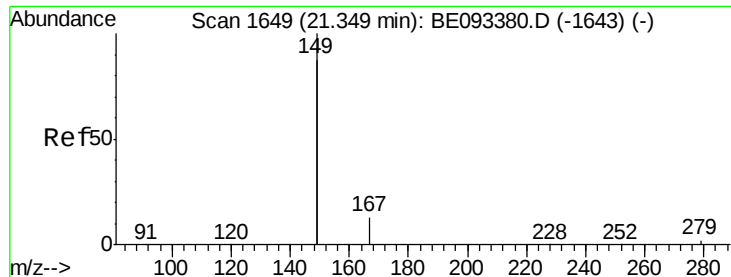


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





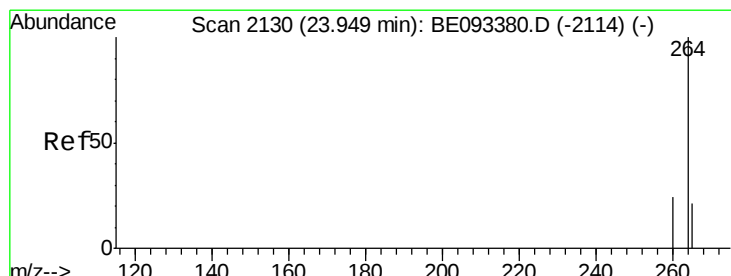
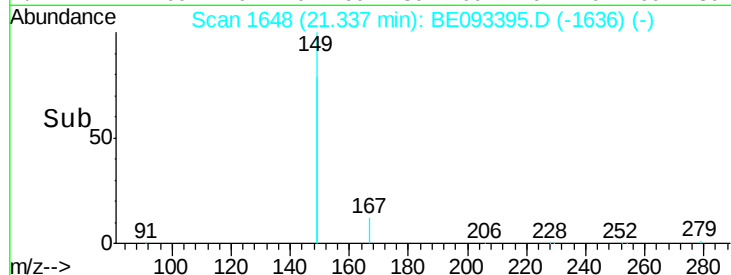
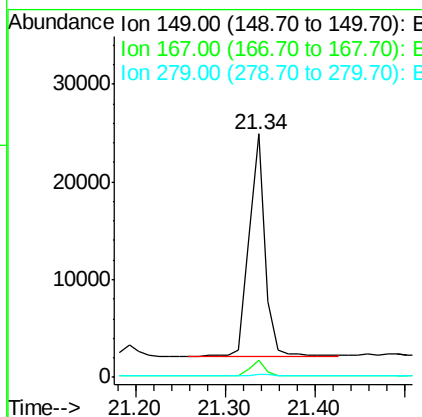
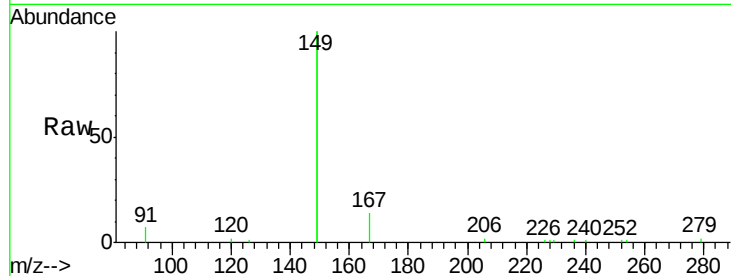
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.185 ng
 RT: 21.34 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Instrument :
 BNA_E
 ClientSampleId :
 MH-117N-20170627

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.1	20.1	30.1#
279	1.1	2.2	3.4#

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:18:21 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BE093395.D
 Acq: 1 Jul 2017 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.0	31.4
265	28.2	24.6	36.8

