

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093401.D
 Acq On : 1 Jul 2017 20:26
 Operator : SJ/JU
 Sample : I3984-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170627

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:18:43 PM

Quant Time: Jul 03 11:48:47 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	7.95	152	2803	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	13130	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8273	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	27912	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35086	0.40	ng	-0.01
34) Perylene-d12	23.94	264	29182	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1429	0.16	ng	0.00
5) Phenol-d6	7.10	99	1243	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	3470	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	7533	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1576m	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	13627	0.42	ng	0.00
25) Fluoranthene-d10	19.29	212	127743	0.50	ng	0.00
29) Terphenyl-d14	19.88	244	30729	0.47	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	4025	0.030	ng	# 79
23) Phenanthrene	17.30	178	1913	0.028	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.34	149	48848	0.345	ng	# 67

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

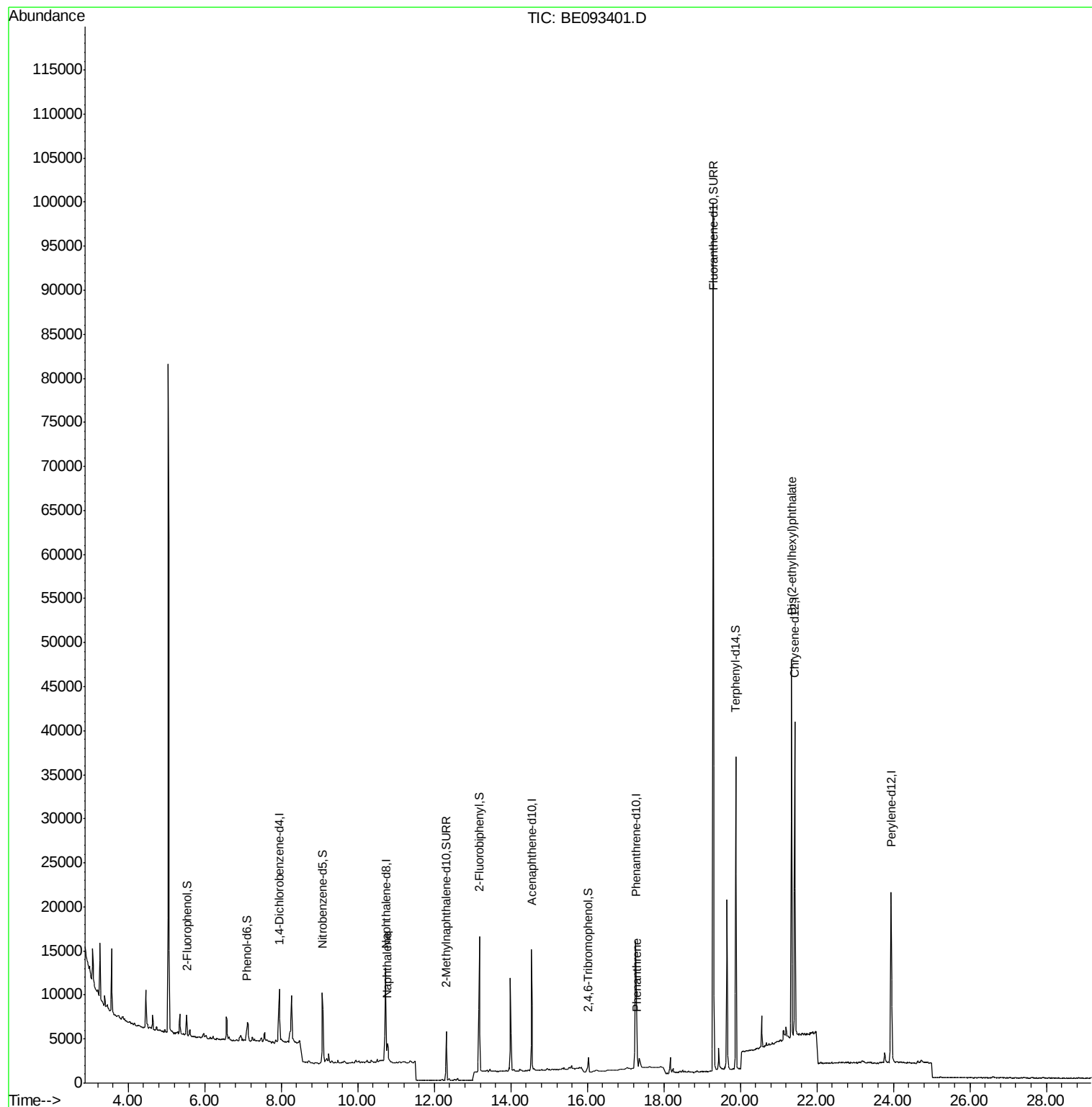
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093401.D
Acq On : 1 Jul 2017 20:26
Operator : SJ/JU
Sample : I3984-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

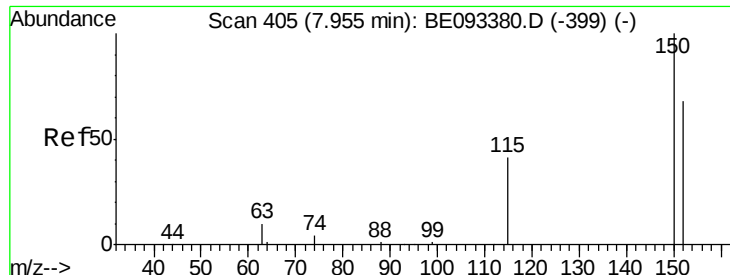
Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM

Quant Time: Jul 03 11:48:47 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 404

Delta R.T. -0.01 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

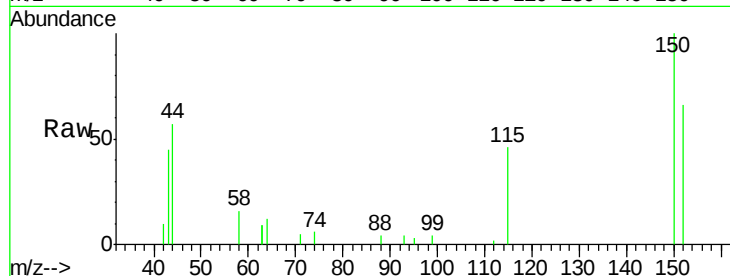
ClientSampleId :

DUP01-20170627

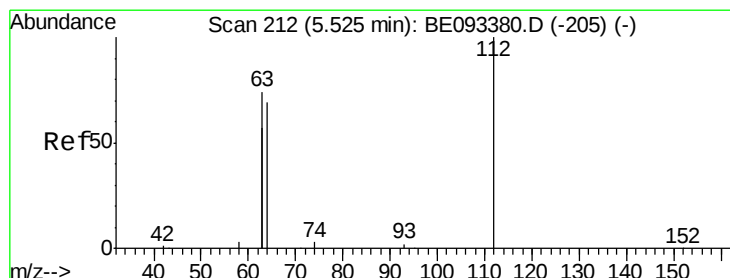
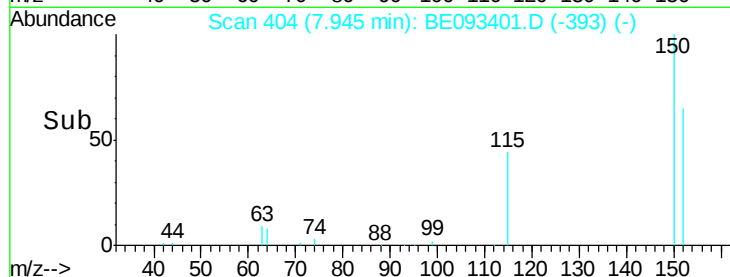
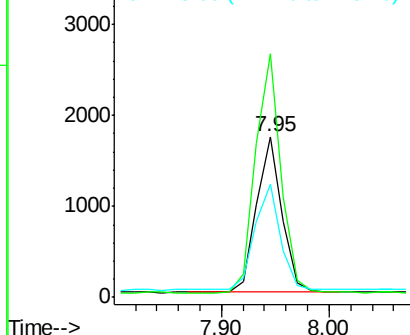
Tgt Ion:	152	Resp:	2803
Ion Ratio	Lower	Upper	
152	100		
150	151.2	125.1	187.7
115	70.2	55.7	83.5

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.164 ng

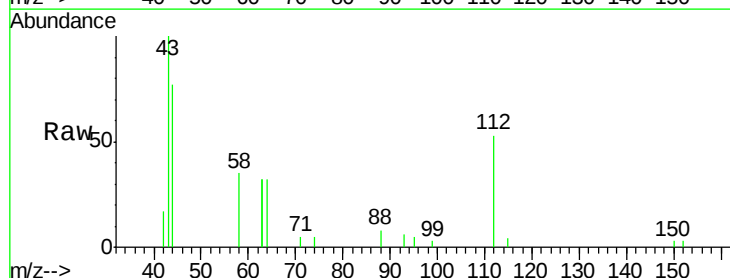
RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

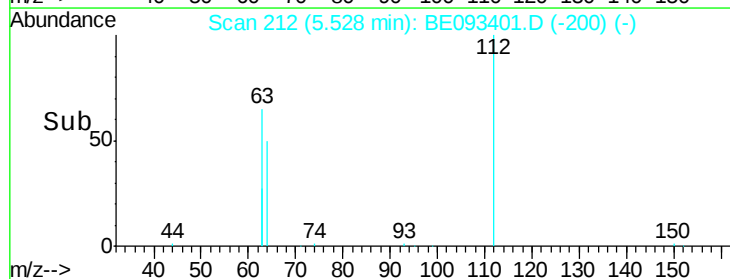
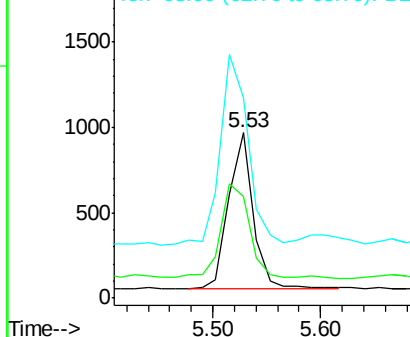
Lab File: BE093401.D

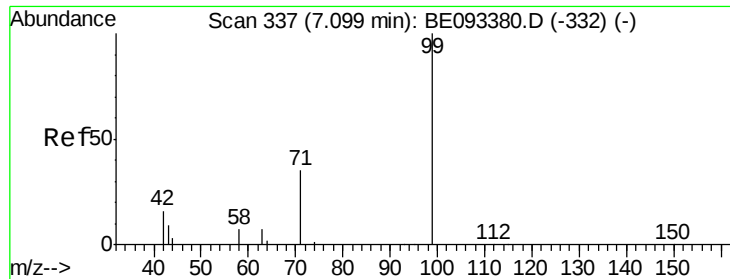
Acq: 1 Jul 2017 20:26

Tgt Ion:	112	Resp:	1429
Ion Ratio	Lower	Upper	
112	100		
64	68.5	56.4	84.6
63	138.1	29.3	43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

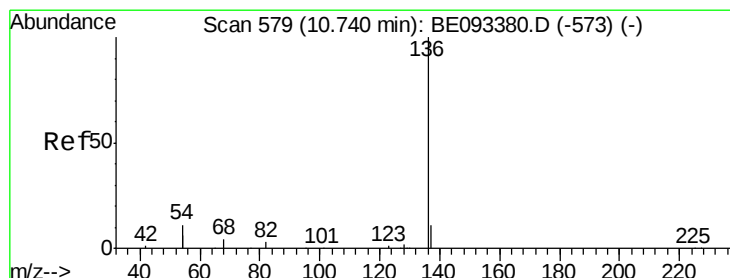
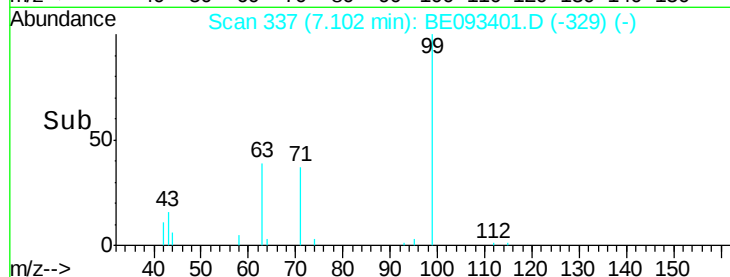
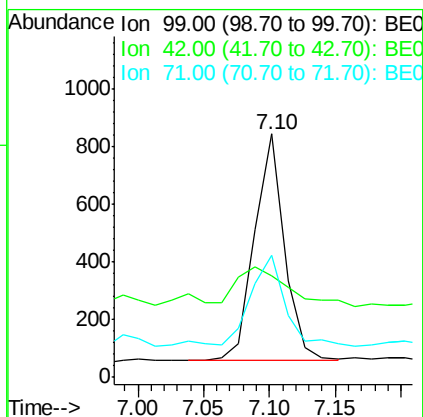
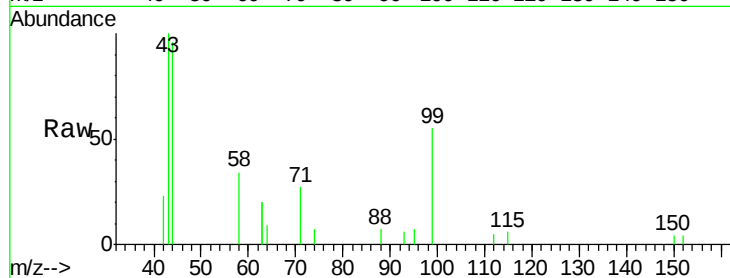
ClientSampleId :

DUP01-20170627

Tgt Ion	Ratio	Lower	Upper
99	100		
42	33.5	0.0	0.0#
71	47.5	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM



#7

Naphthalene-d8

Concen: 0.400 ng

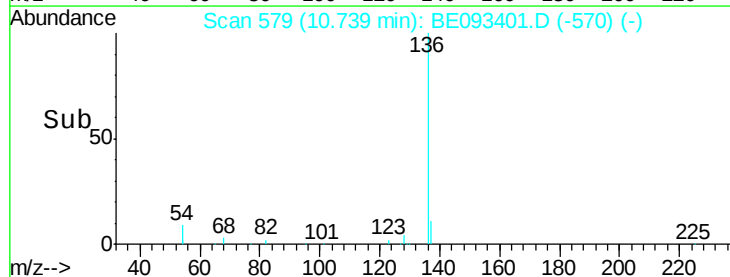
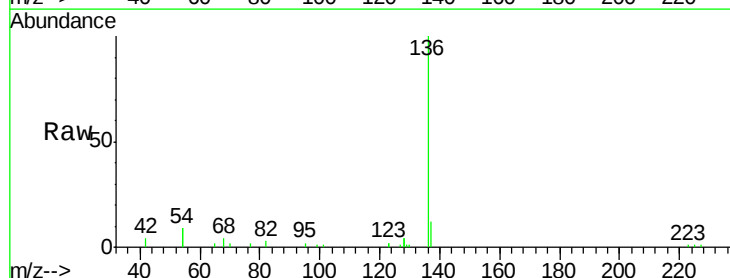
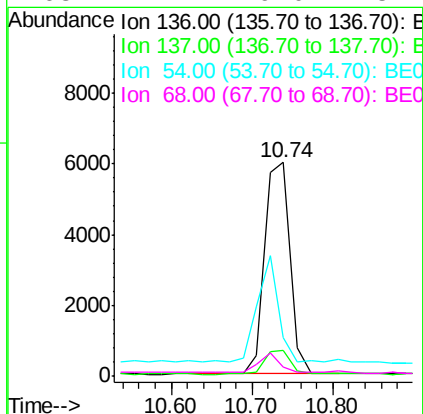
RT: 10.74 min Scan# 579

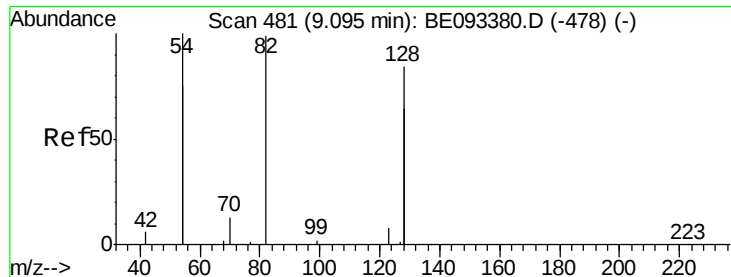
Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	18.0	10.3	15.5#
68	4.1	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.444 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

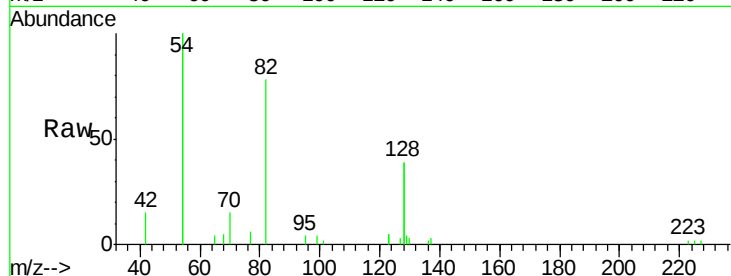
ClientSampleId :

DUP01-20170627

Tgt Ion:	82	Resp:	3470
Ion Ratio	Lower	Upper	
82	100		
128	99.8	17.0	25.4#
54	257.8	53.8	80.6#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM

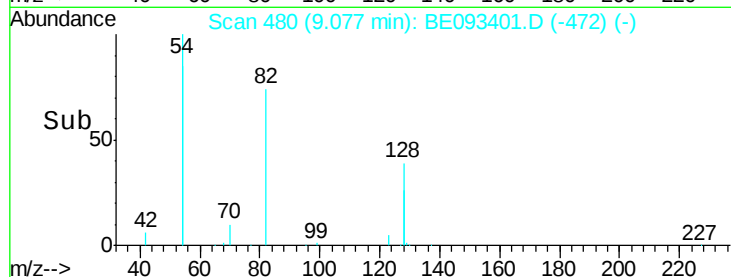


Abundance Ion 82.00 (81.70 to 82.70): BE093380.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093380.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093380.D (-478) (-)

Time-->

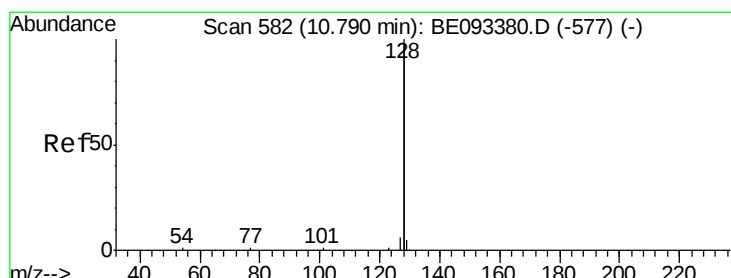


Abundance Ion 82.00 (81.70 to 82.70): BE093401.D (-472) (-)

Ion 128.00 (127.70 to 128.70): BE093401.D (-472) (-)

Ion 54.00 (53.70 to 54.70): BE093401.D (-472) (-)

Time-->



#9

Naphthalene

Concen: 0.030 ng

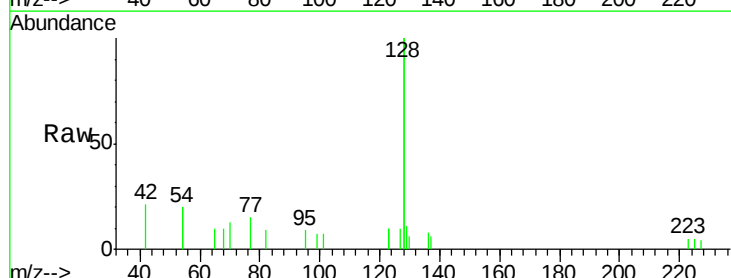
RT: 10.77 min Scan# 581

Delta R.T. -0.02 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Tgt Ion:	128	Resp:	4025
Ion Ratio	Lower	Upper	
128	100		
129	5.6	11.4	17.0#
127	5.1	11.2	16.8#

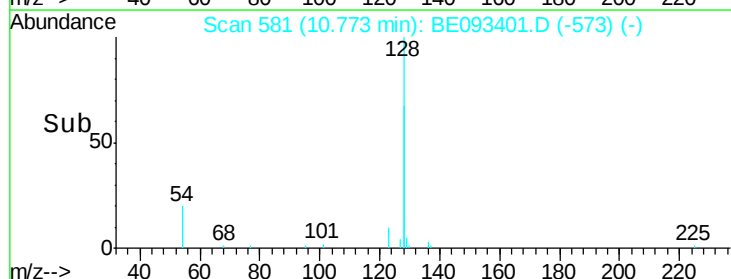


Abundance Ion 128.00 (127.70 to 128.70): BE093380.D (-577) (-)

Ion 129.00 (128.70 to 129.70): BE093380.D (-577) (-)

Ion 127.00 (126.70 to 127.70): BE093380.D (-577) (-)

Time-->

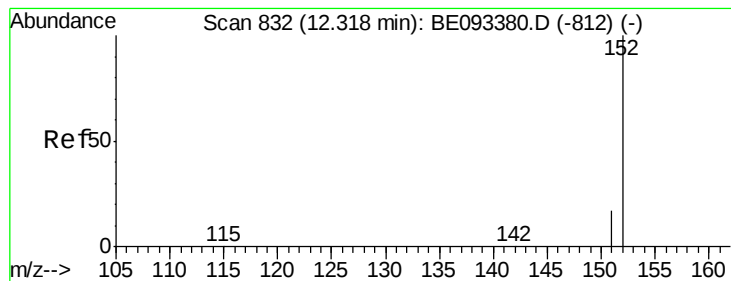


Abundance Ion 128.00 (127.70 to 128.70): BE093401.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE093401.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE093401.D (-573) (-)

Time-->



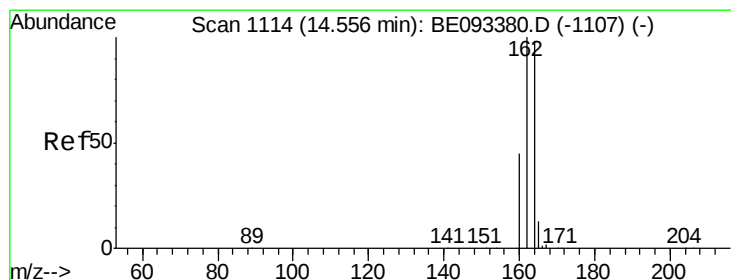
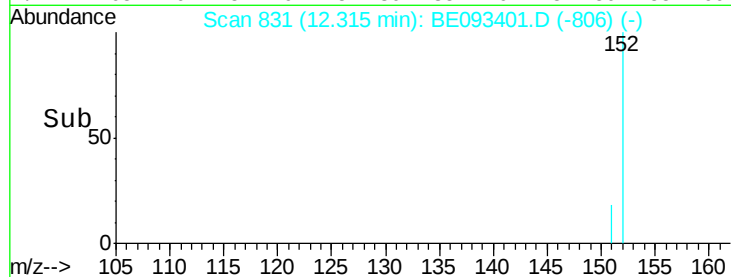
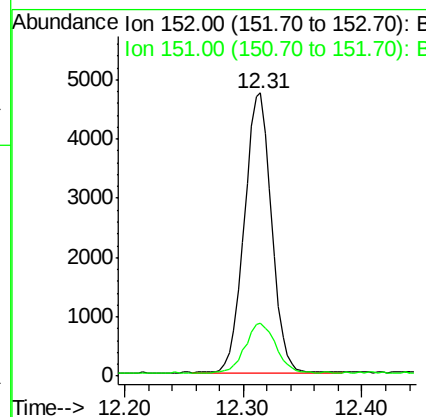
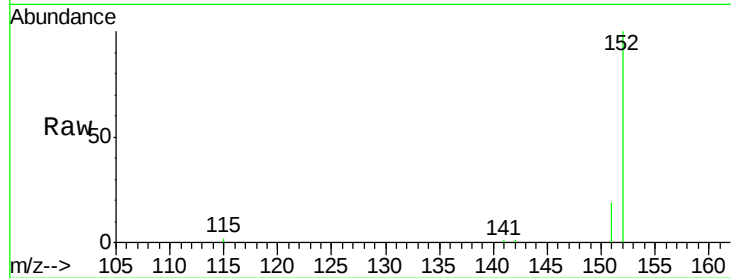
#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.31 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170627

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.1	22.7

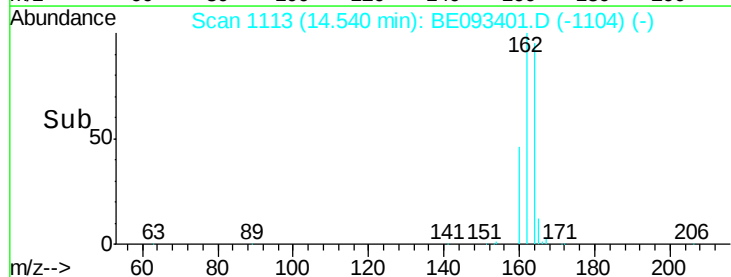
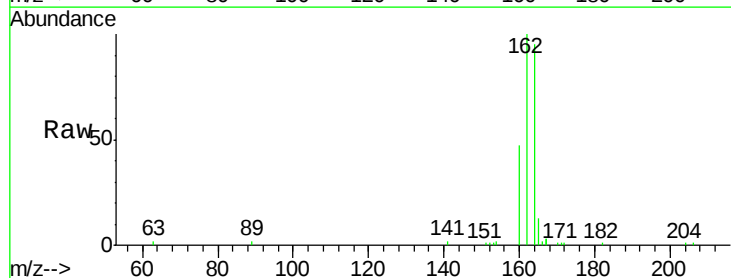
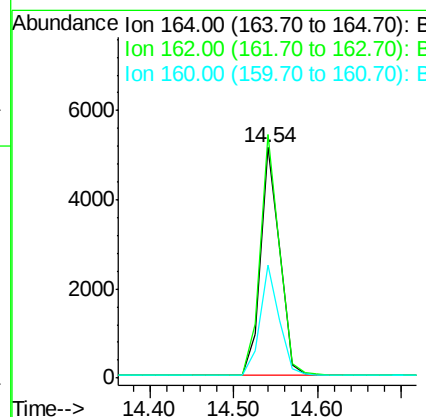
Manual Integrations
 APPROVED

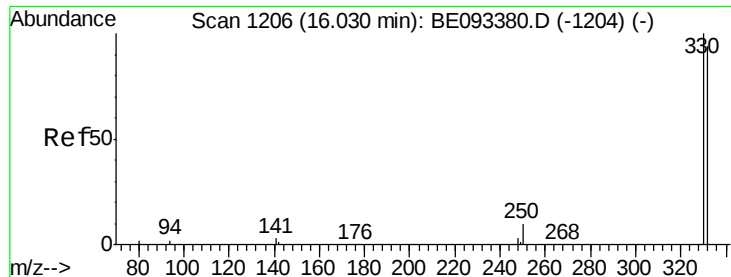
mohammad
 7/3/2017 1:18:43 PM



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.6	127.0
160	49.2	41.8	62.6





#14

2,4,6-Tribromophenol

Concen: 0.453 ng m

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Instrument :

BNA_E

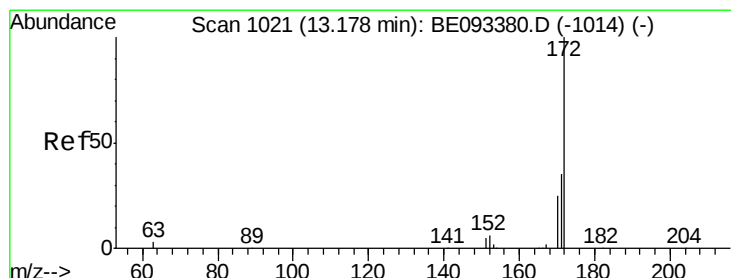
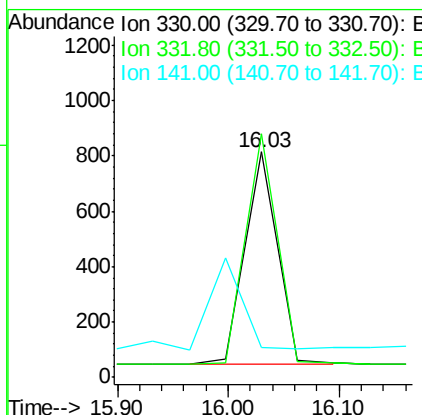
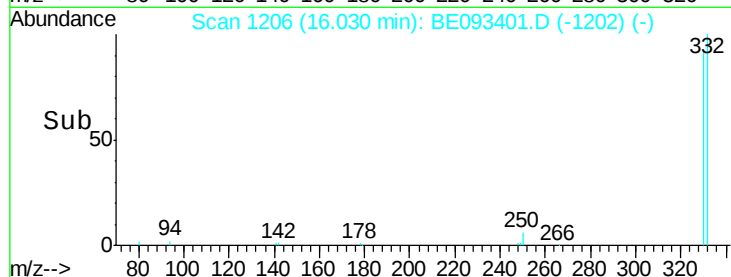
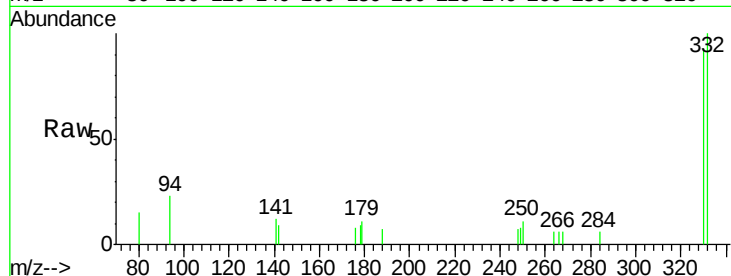
ClientSampleId :

DUP01-20170627

Tgt Ion:	330	Resp:	1576
Ion Ratio	Lower	Upper	
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM



#15

2-Fluorobiphenyl

Concen: 0.421 ng

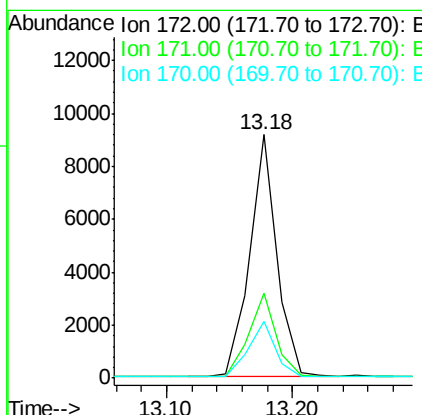
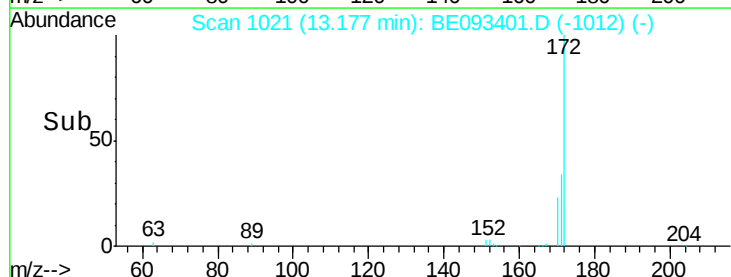
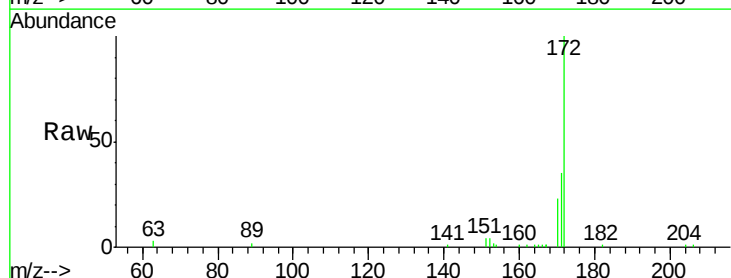
RT: 13.18 min Scan# 1021

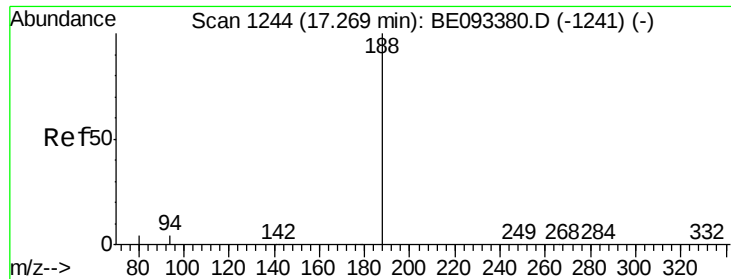
Delta R.T. -0.00 min

Lab File: BE093401.D

Acq: 1 Jul 2017 20:26

Tgt Ion:	172	Resp:	13627
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.8	44.6
170	23.2	20.7	31.1





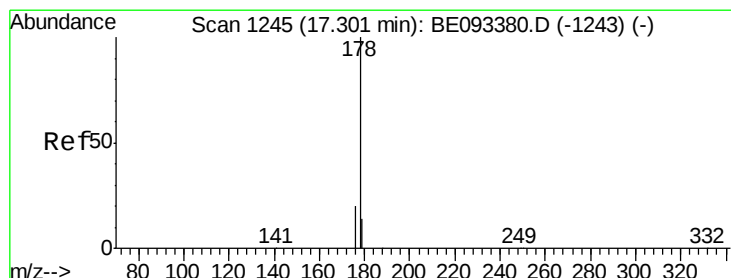
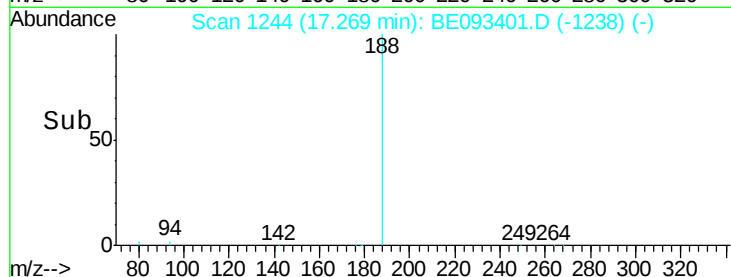
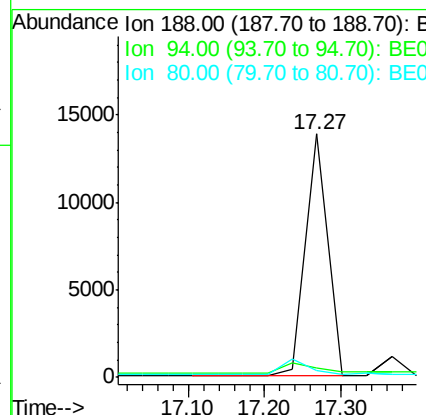
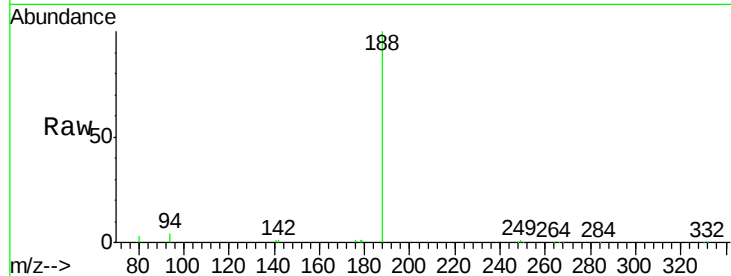
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	27912		
94	4.1	11.3	16.9#	
80	3.0	11.7	17.5#	

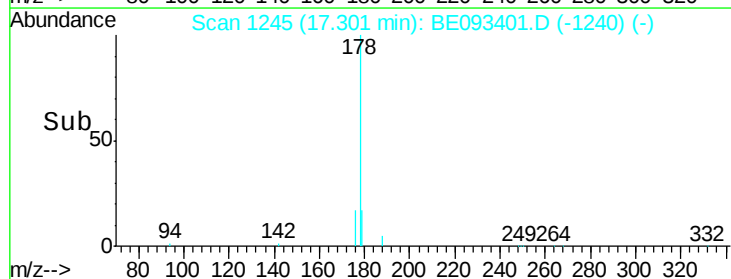
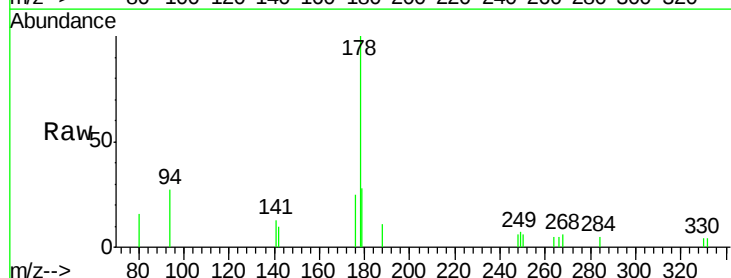
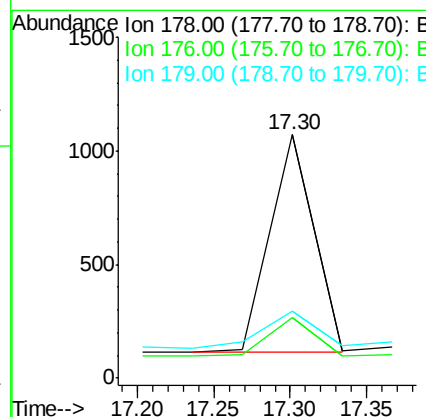
Manual Integrations
APPROVED

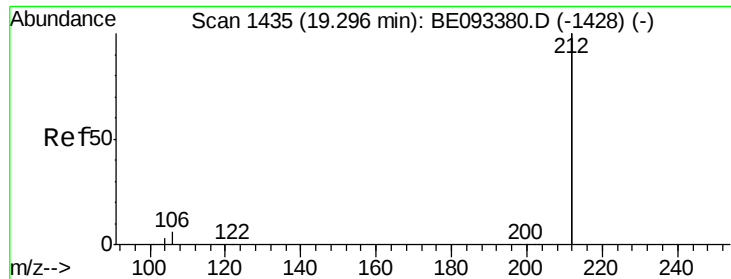
mohammad
7/3/2017 1:18:43 PM



#23
Phenanthrene
Concen: 0.028 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1913		
176	18.2	15.0	22.4	
179	21.4	12.7	19.1#	





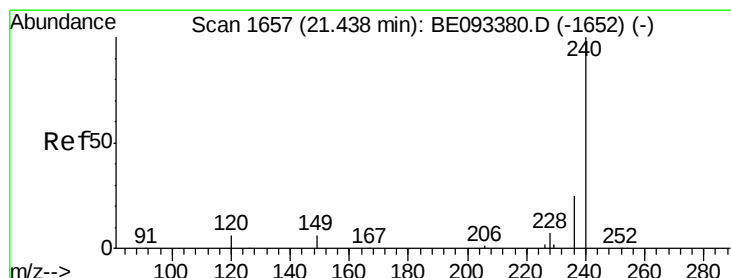
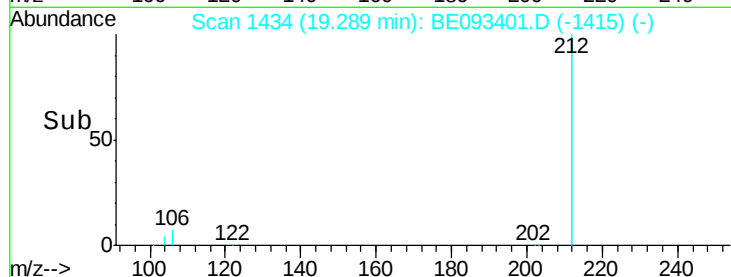
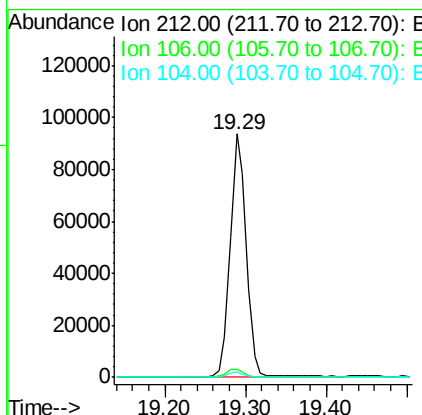
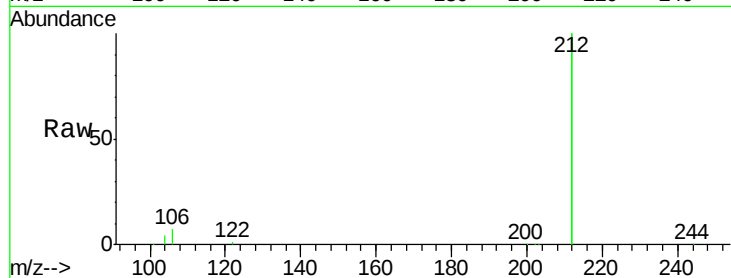
#25
 Fluoranthene-d10
 Concen: 0.496 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170627

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	127743		
106	3.5		2.4	3.6
104	2.0		1.6	2.4

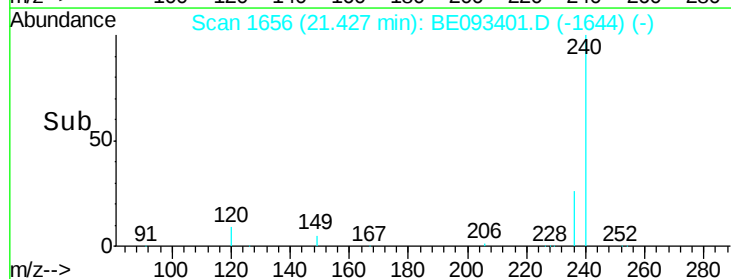
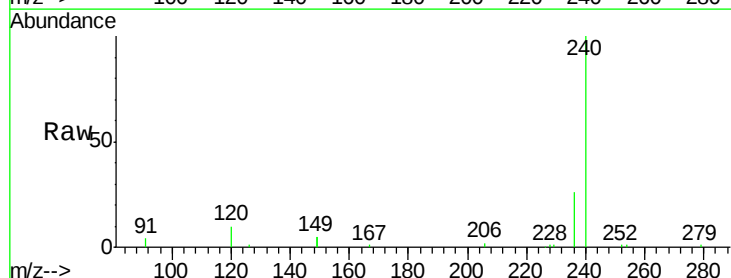
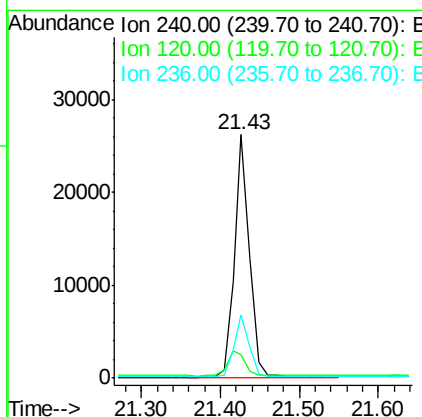
Manual Integrations
 APPROVED

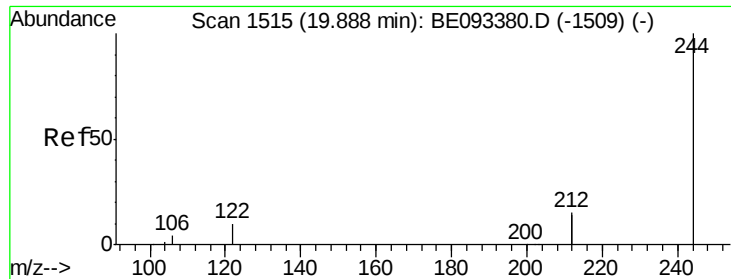
mohammad
 7/3/2017 1:18:43 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

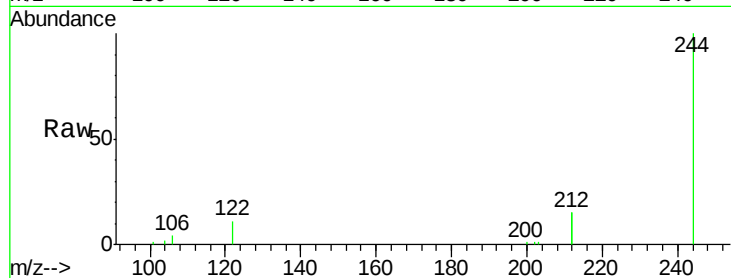
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	35086		
120	9.9		4.6	7.0#
236	26.1		20.8	31.2





#29
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 19.88 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

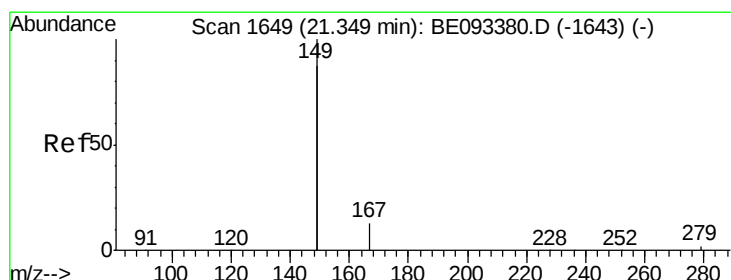
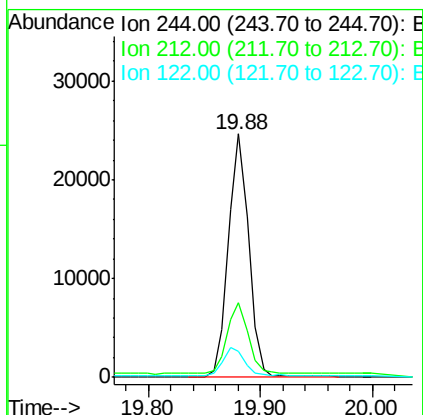
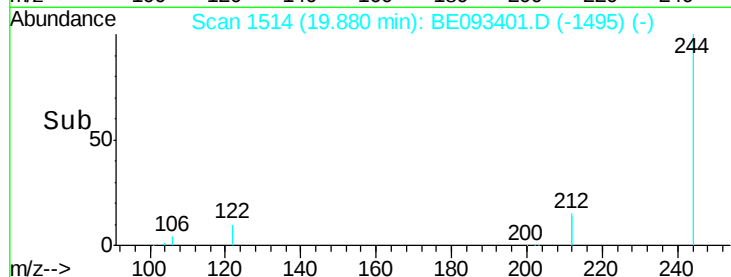
Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170627



Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.8	10.6	16.0#
122	10.6	15.4	23.0#

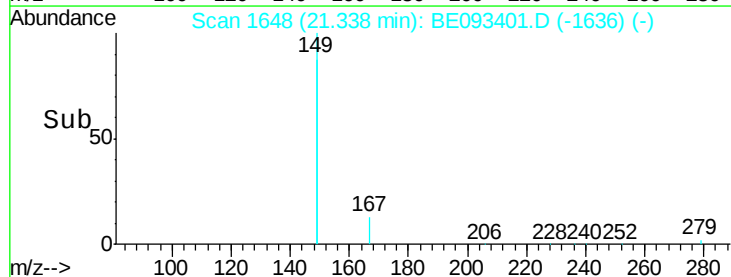
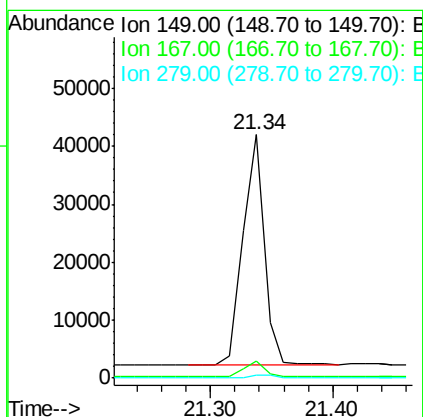
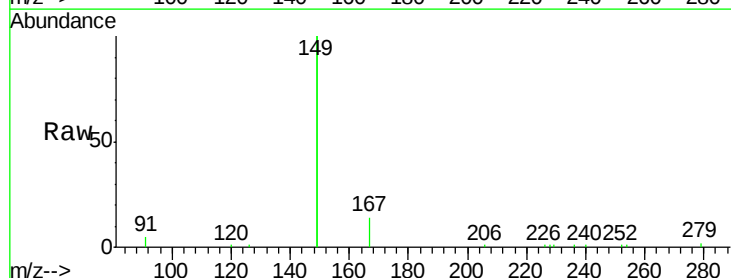
Manual Integrations
 APPROVED

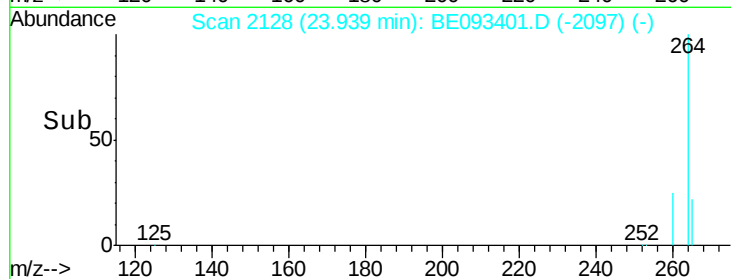
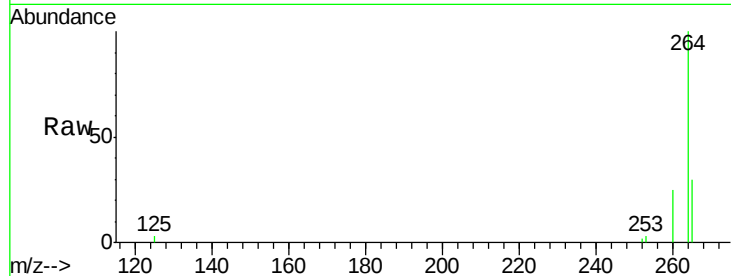
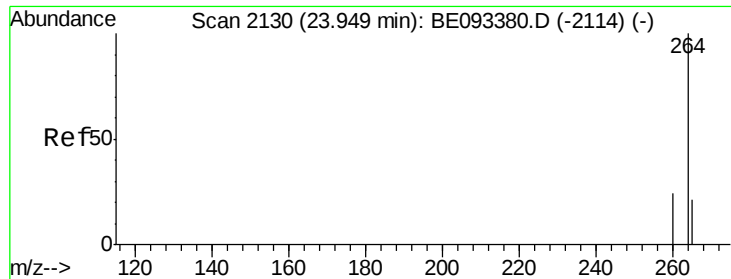
mohammad
 7/3/2017 1:18:43 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.345 ng
 RT: 21.34 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BE093401.D
 Acq: 1 Jul 2017 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.1	2.2	3.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.0	31.4
265	30.2	24.6	36.8

Manual Integrations
APPROVED

mohammad
7/3/2017 1:18:43 PM

