

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
 Data File : BE093440.D
 Acq On : 7 Jul 2017 13:14
 Operator : SJ/JU
 Sample : I4009-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170629

Manual Integrations
 APPROVED

mohammad
 7/10/2017 11:45:35 AM

Quant Time: Jul 10 10:38:36 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	7.94	152	4237	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21784	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13833	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29666	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37317	0.40	ng	0.00
34) Perylene-d12	23.93	264	31553	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	2033	0.16	ng	0.00
5) Phenol-d6	7.10	99	1908	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	5710	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12308	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1218	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	29089	0.54	ng	0.00
25) Fluoranthene-d10	19.29	212	149092	0.42	ng	0.00
29) Terphenyl-d14	19.87	244	32645	0.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.77	128	8228	0.036	ng	# 75
12) 2-Methylnaphthalene	12.38	142	1168	0.030	ng	# 98
20) 4-Bromophenyl-phenylether	16.45	248	493	0.030	ng	# 14
21) Hexachlorobenzene	16.58	284	505	0.029	ng	# 100
22) Pentachlorophenol	16.91	266	475	0.185	ng	# 83
23) Phenanthrene	17.30	178	2808	0.026	ng	# 96
26) Fluoranthene	19.31	202	2171	0.021	ng	# 94
28) Pyrene	19.67	202	2167	0.021	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.33	149	8613	0.059	ng	# 65

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

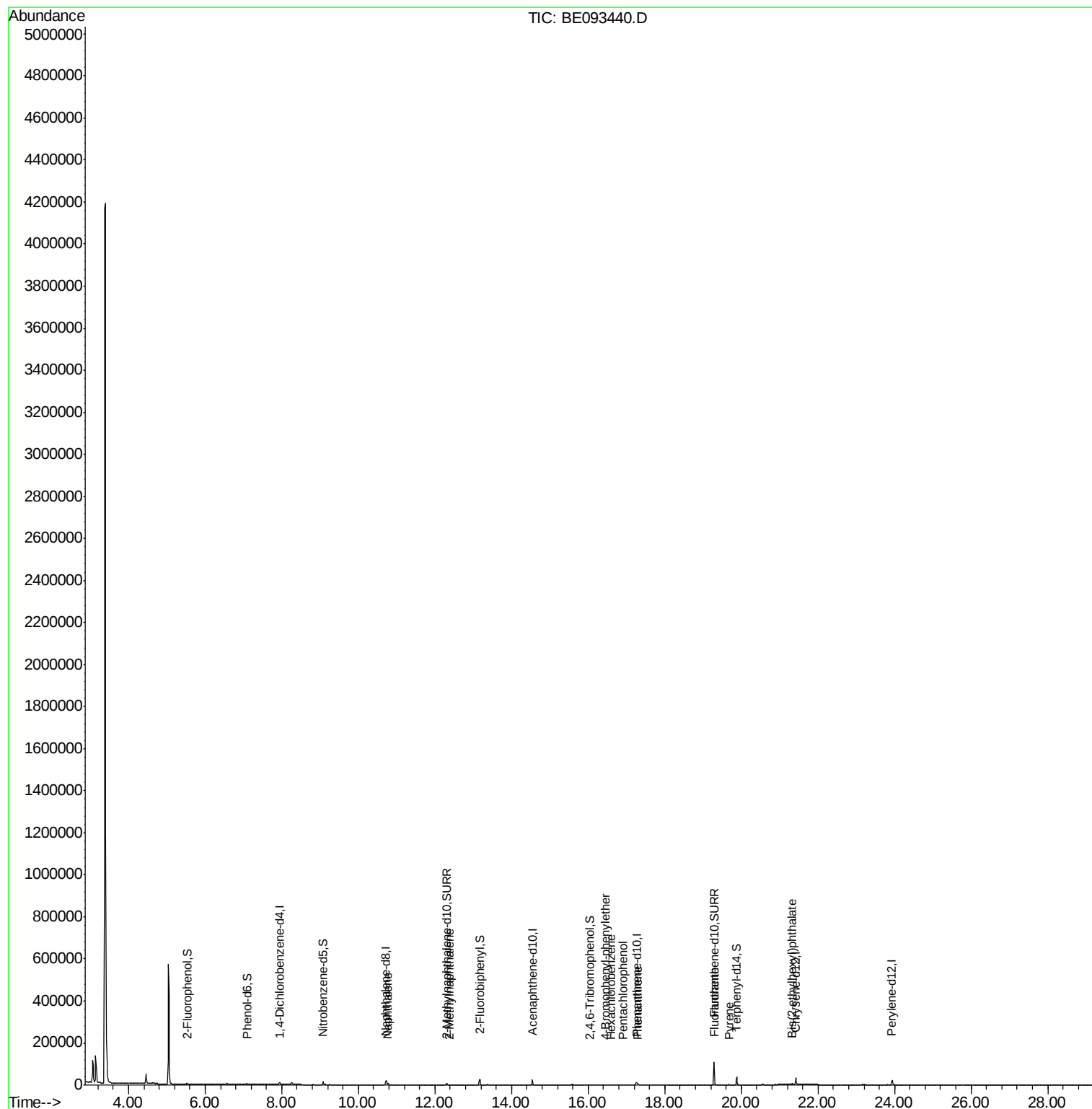
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
Data File : BE093440.D
Acq On : 7 Jul 2017 13:14
Operator : SJ/JU
Sample : I4009-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

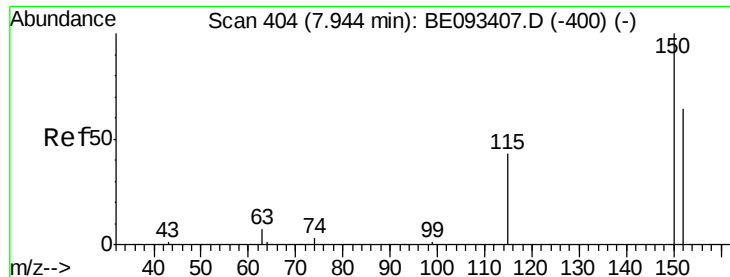
Instrument :
BNA_E
ClientSampleId :
DUP01-20170629

Manual Integrations
APPROVED

mohammad
7/10/2017 11:45:35 AM

Quant Time: Jul 10 10:38:36 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





#1

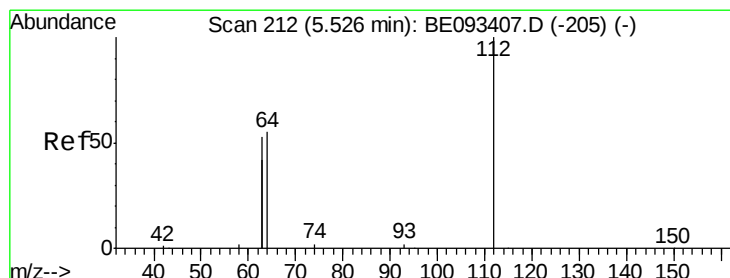
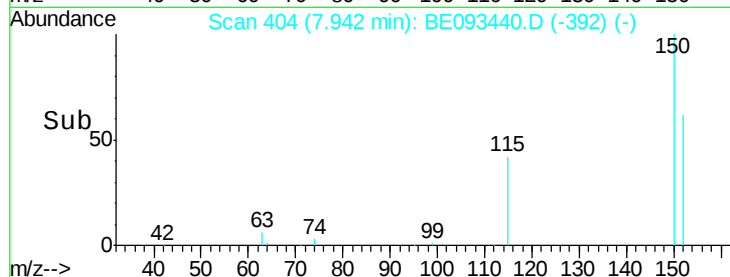
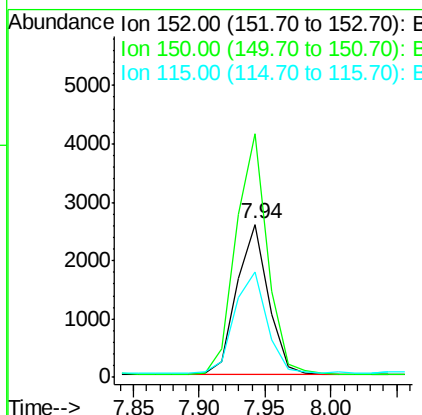
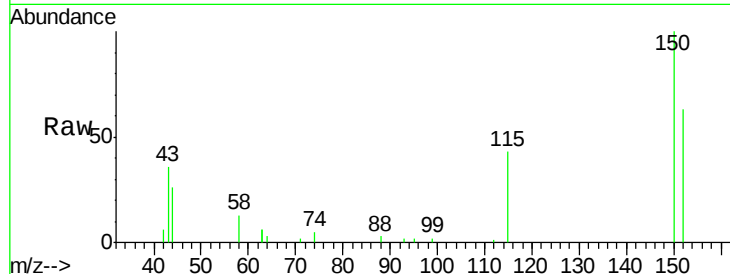
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170629

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.1	187.7
115	68.8	55.7	83.5

Manual Integrations
 APPROVED

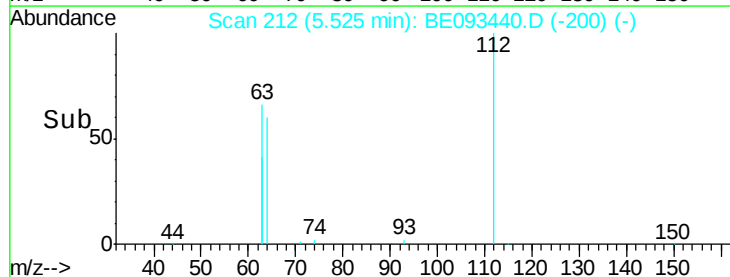
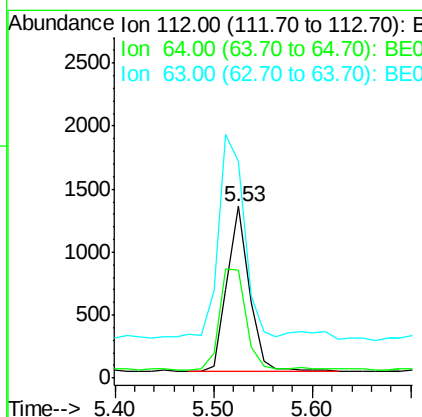
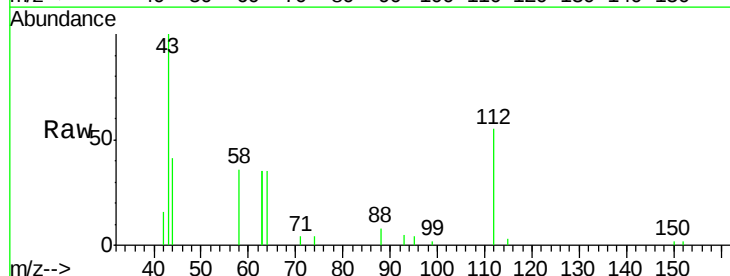
mohammad
 7/10/2017 11:45:35 AM

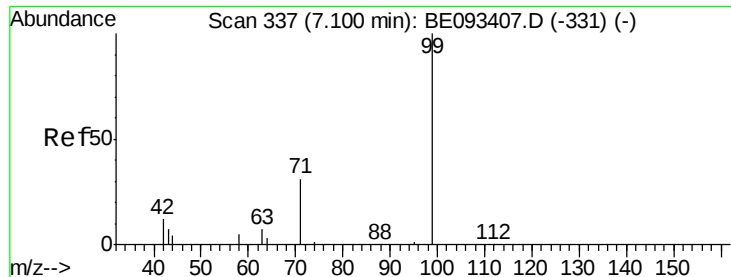


#4

2-Fluorophenol
 Concen: 0.159 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.4	84.6
63	145.3	29.3	43.9#





#5

Phenol-d6

Concen: 0.101 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Instrument :

BNA_E

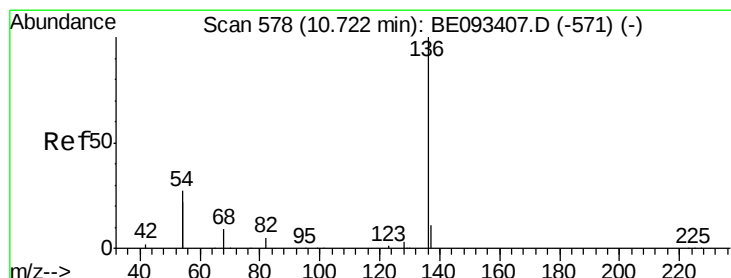
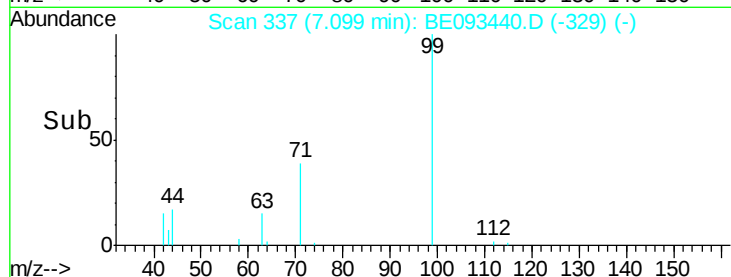
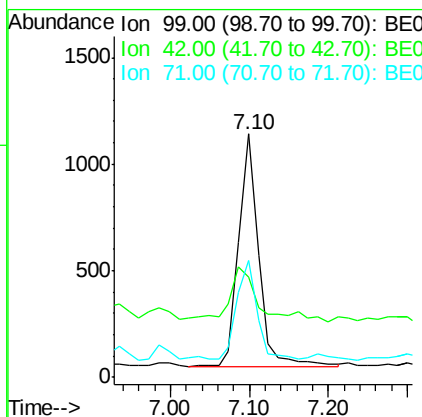
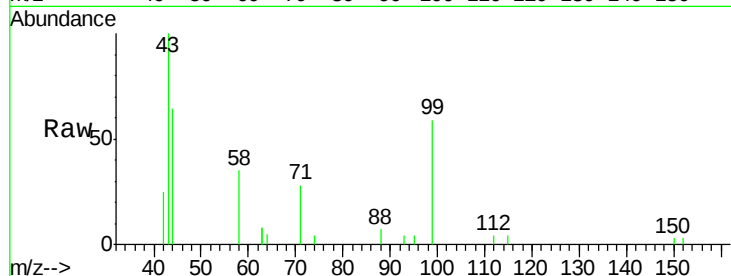
ClientSampleId :

DUP01-20170629

Tgt Ion:	99	Resp:	1908
Ion Ratio	Lower	Upper	
99	100		
42	34.7	0.0	0.0#
71	43.6	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/10/2017 11:45:35 AM



#7

Naphthalene-d8

Concen: 0.400 ng

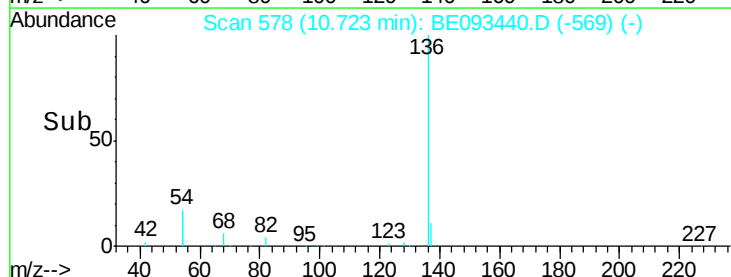
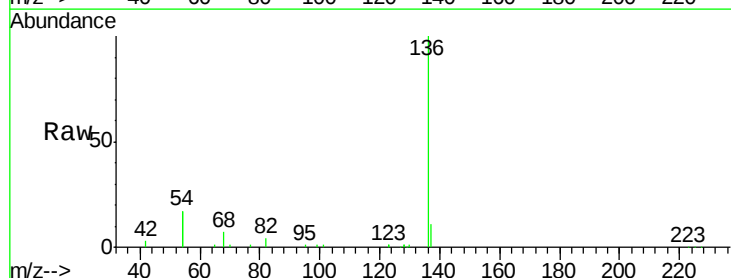
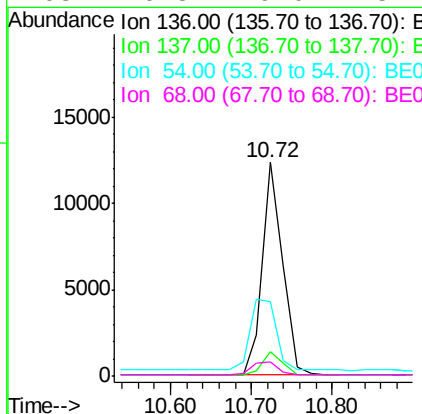
RT: 10.72 min Scan# 578

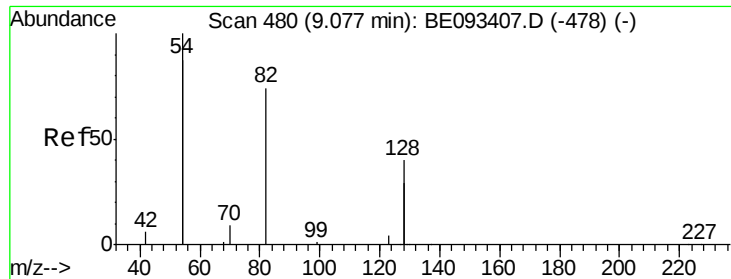
Delta R.T. 0.00 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Tgt Ion:	136	Resp:	21784
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	34.5	10.3	15.5#
68	6.8	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Instrument :

BNA_E

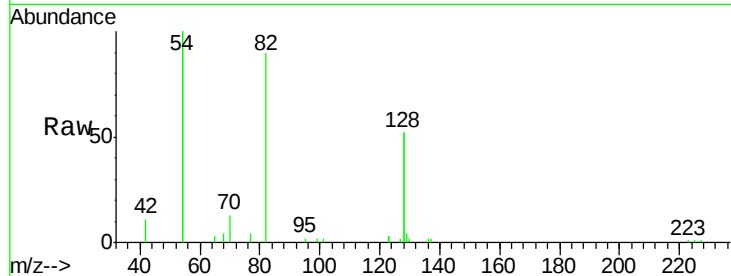
ClientSampleId :

DUP01-20170629

Tgt Ion:	82	Resp:	5710
Ion Ratio	Lower	Upper	
82	100		
128	115.5	17.0	25.4#
54	221.2	53.8	80.6#

Manual Integrations
APPROVED

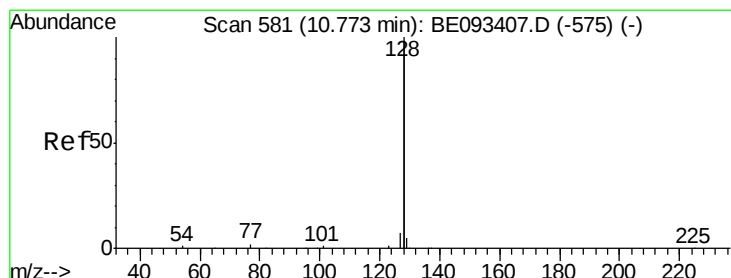
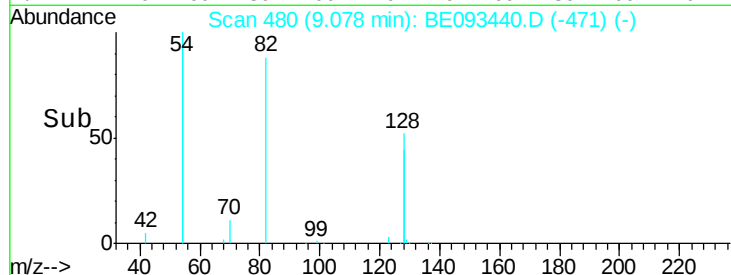
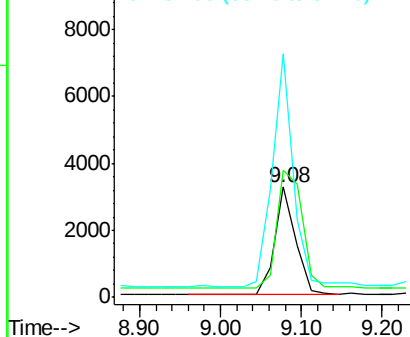
mohammad
7/10/2017 11:45:35 AM



Abundance Ion 82.00 (81.70 to 82.70): BE093440.D (-471) (-)

Ion 128.00 (127.70 to 128.70): BE093440.D (-471) (-)

Ion 54.00 (53.70 to 54.70): BE093440.D (-471) (-)



#9

Naphthalene

Concen: 0.036 ng

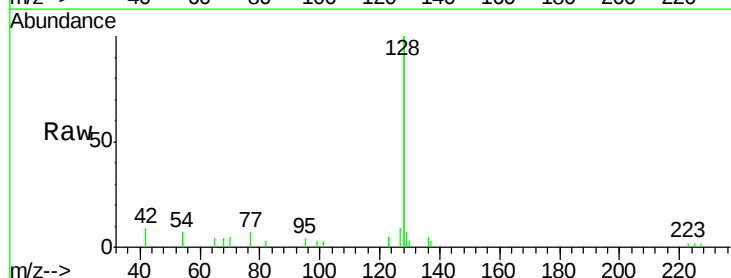
RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

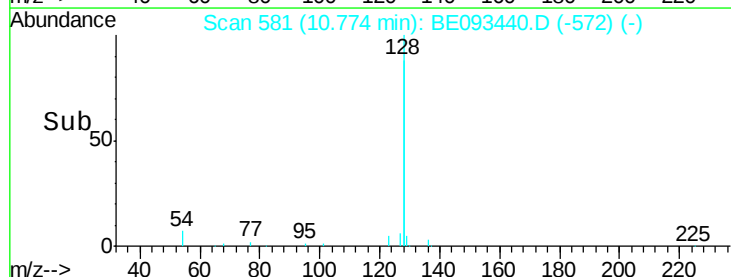
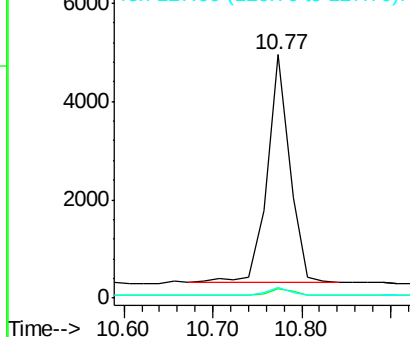
Tgt Ion:	128	Resp:	8228
Ion Ratio	Lower	Upper	
128	100		
129	3.7	11.4	17.0#
127	4.4	11.2	16.8#

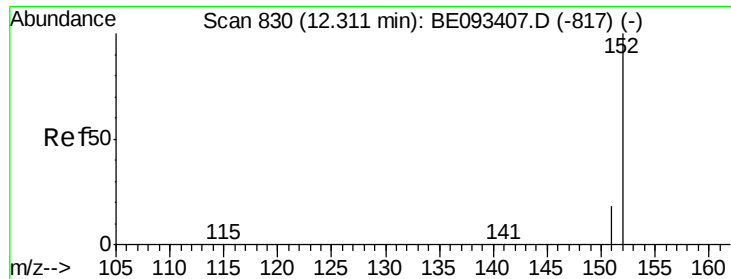


Abundance Ion 128.00 (127.70 to 128.70): BE093440.D (-572) (-)

Ion 129.00 (128.70 to 129.70): BE093440.D (-572) (-)

Ion 127.00 (126.70 to 127.70): BE093440.D (-572) (-)





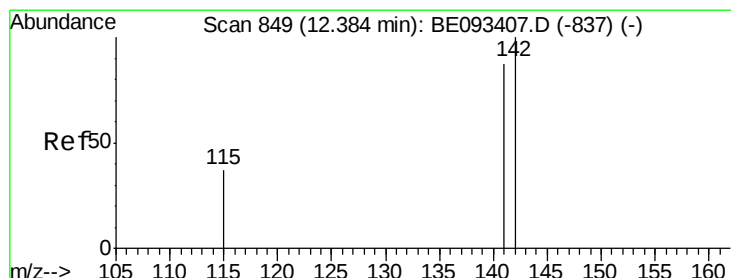
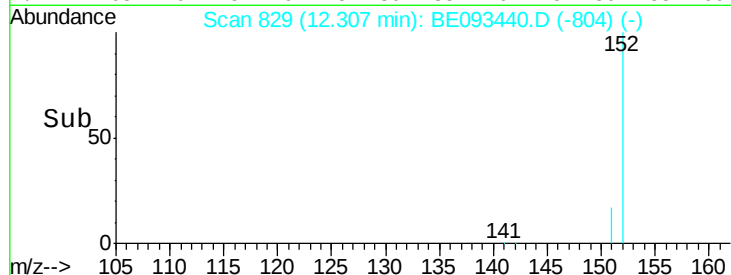
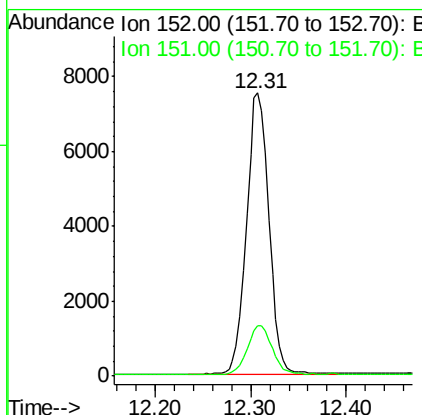
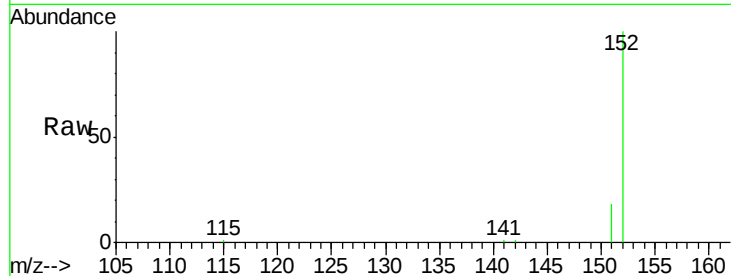
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Instrument :
BNA_E
ClientSampleId :
DUP01-20170629

Tgt Ion:152 Resp: 12308
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7

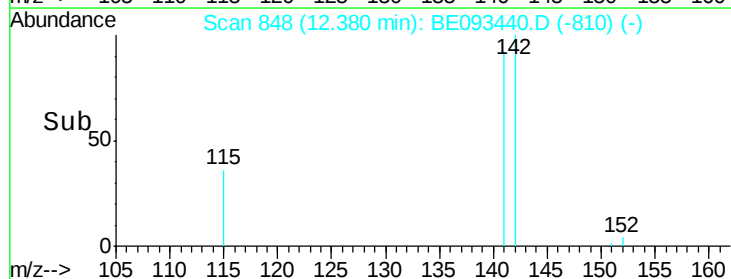
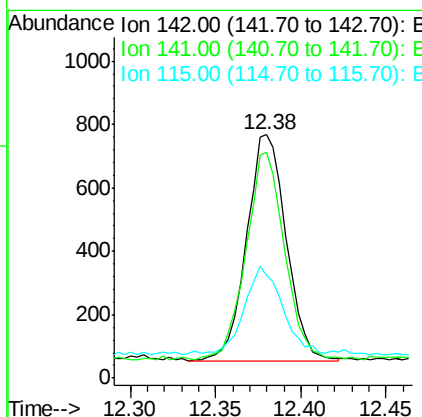
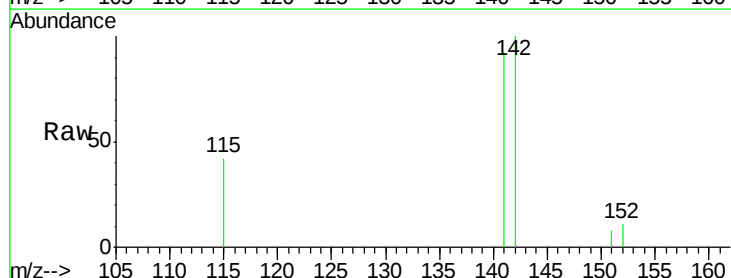
Manual Integrations
APPROVED

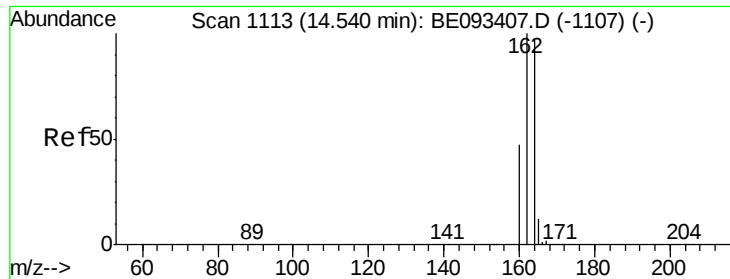
mohammad
7/10/2017 11:45:35 AM



#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Tgt Ion:142 Resp: 1168
Ion Ratio Lower Upper
142 100
141 92.4 72.6 108.8
115 42.4 32.2 48.2





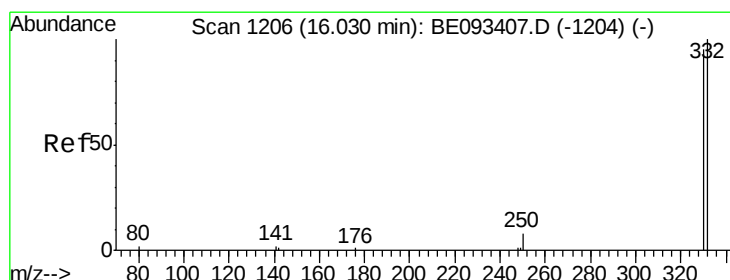
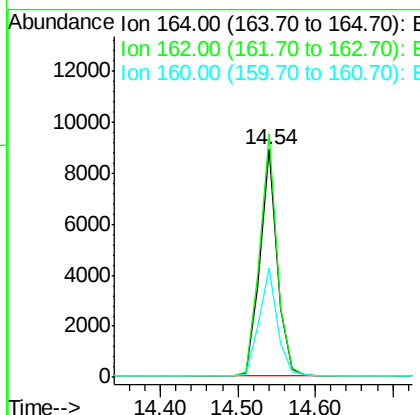
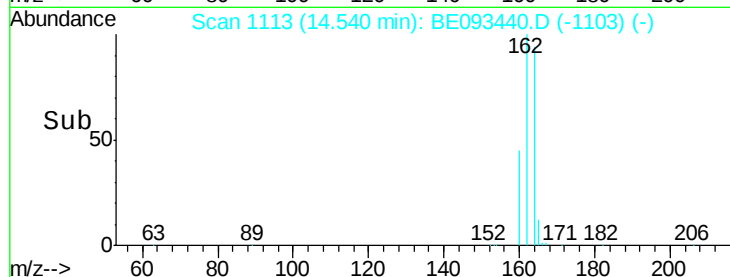
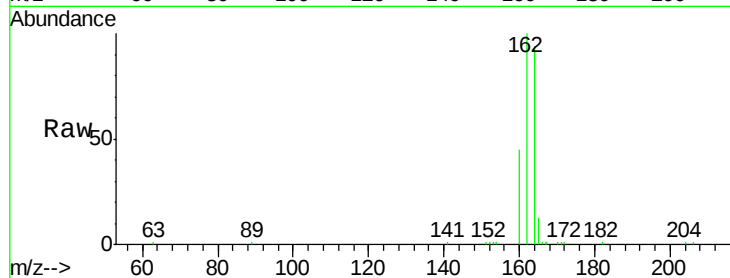
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170629

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.6	127.0
160	47.8	41.8	62.6

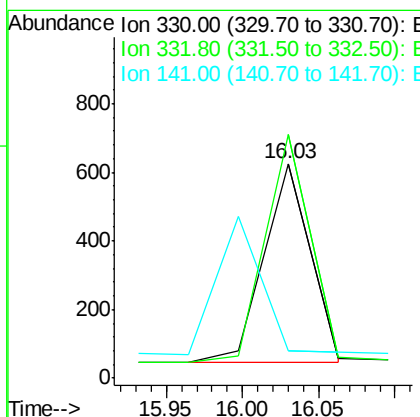
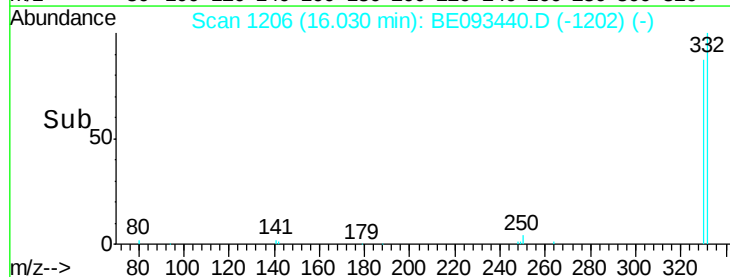
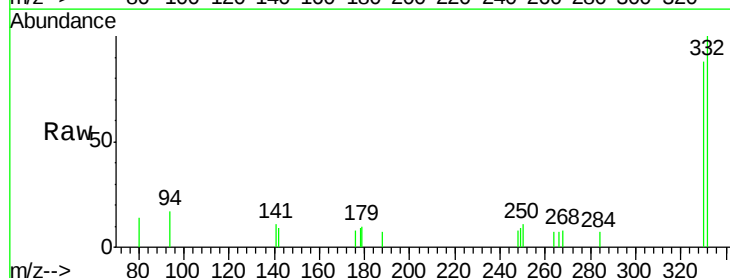
Manual Integrations
 APPROVED

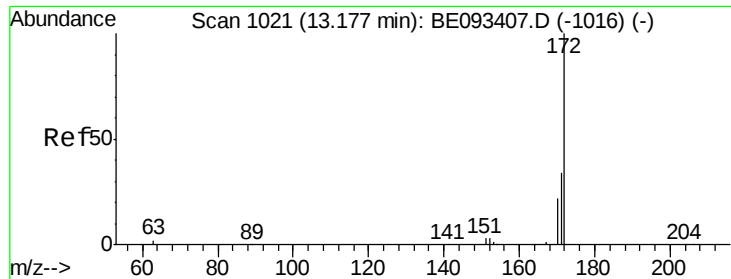
mohammad
 7/10/2017 11:45:35 AM



#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	111.2	77.7	116.5
141	0.0	56.2	84.4#





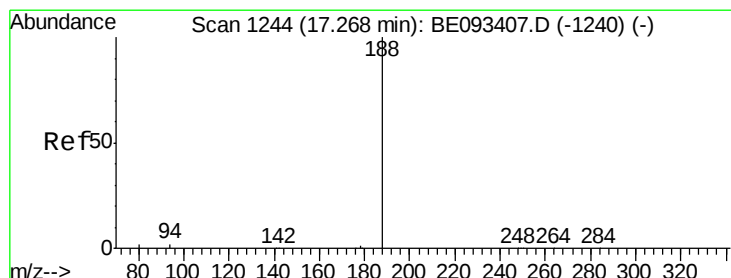
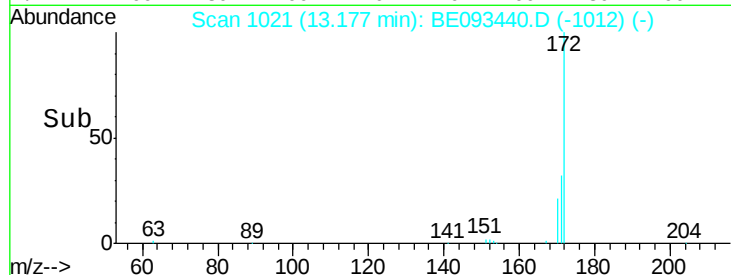
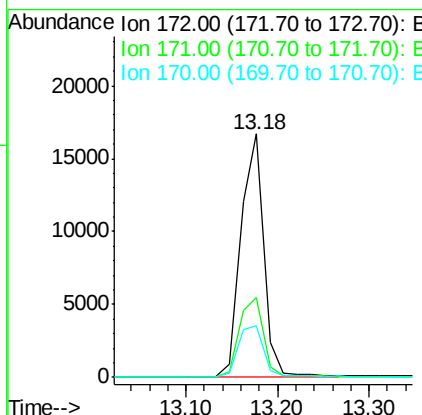
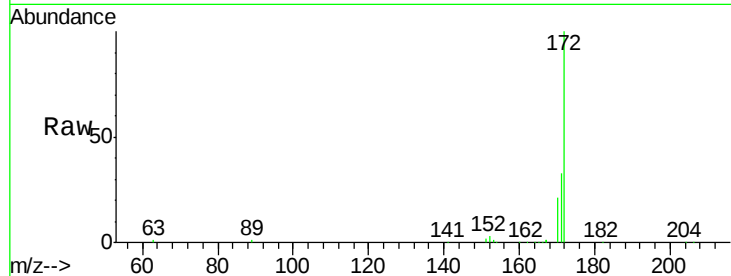
#15
2-Fluorobiphenyl
Concen: 0.542 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Instrument :
BNA_E
ClientSampleId :
DUP01-20170629

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.8	44.6
170	21.0	20.7	31.1

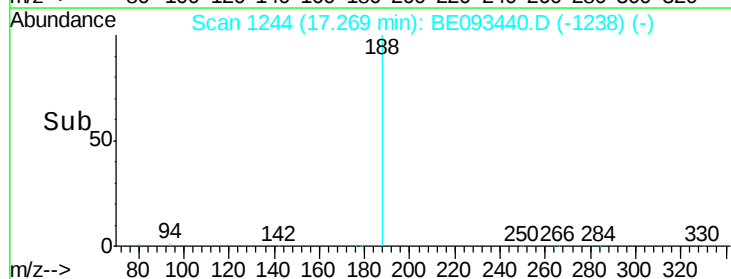
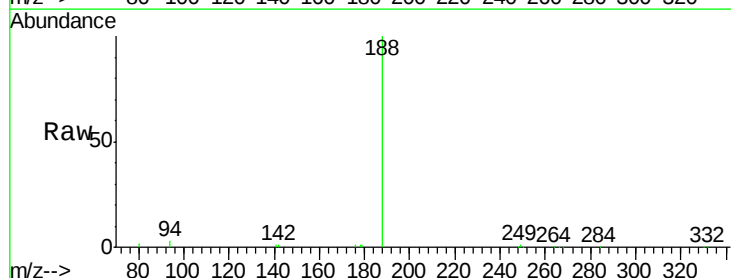
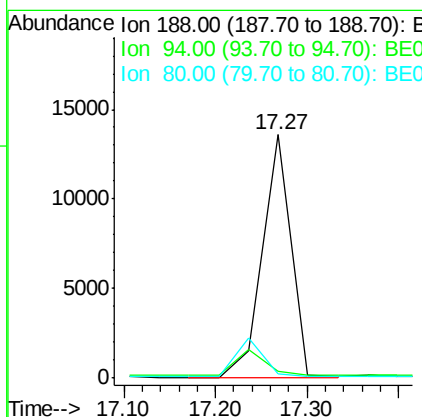
Manual Integrations
APPROVED

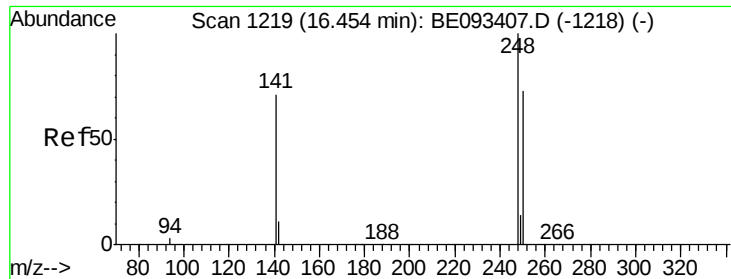
mohammad
7/10/2017 11:45:35 AM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.6	11.3	16.9#
80	2.0	11.7	17.5#





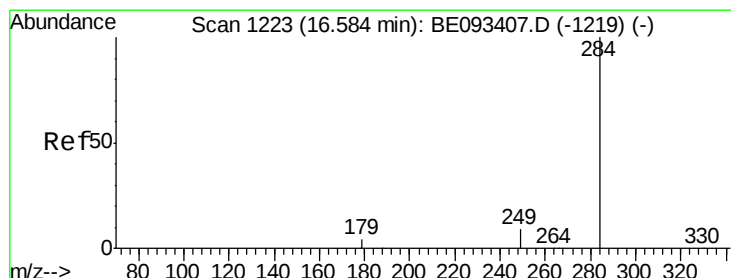
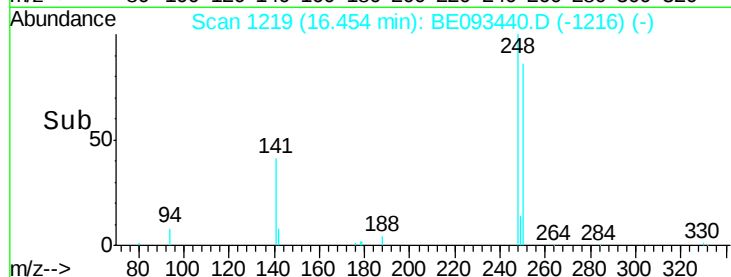
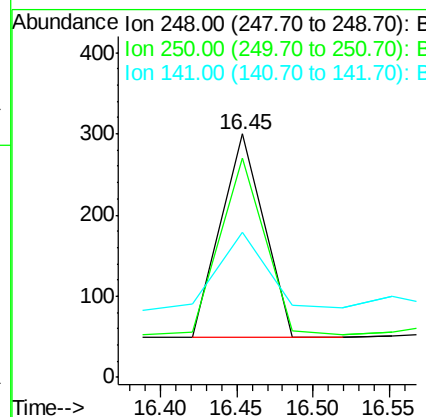
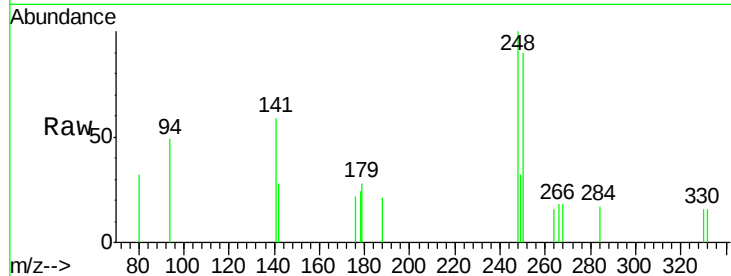
#20
4-Bromophenyl-phenylether
Concen: 0.030 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Instrument :
BNA_E
ClientSampleId :
DUP01-20170629

Tgt Ion: 248 Resp: 493
Ion Ratio Lower Upper
248 100
250 90.0 40.8 61.2#
141 59.3 161.6 242.4#

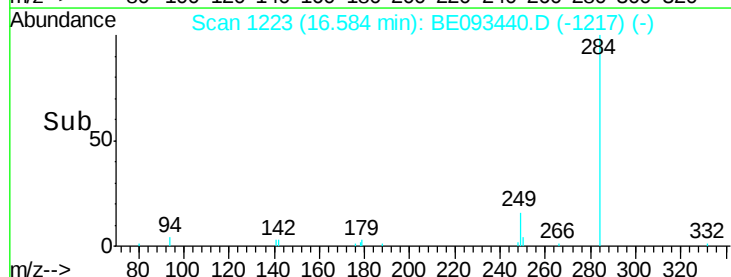
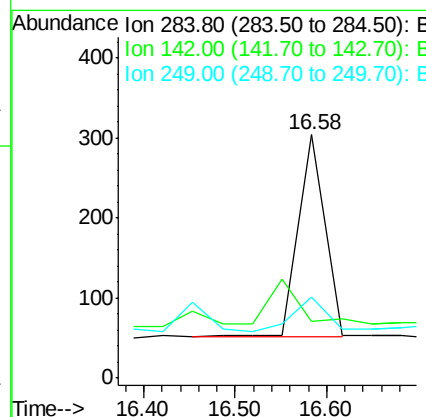
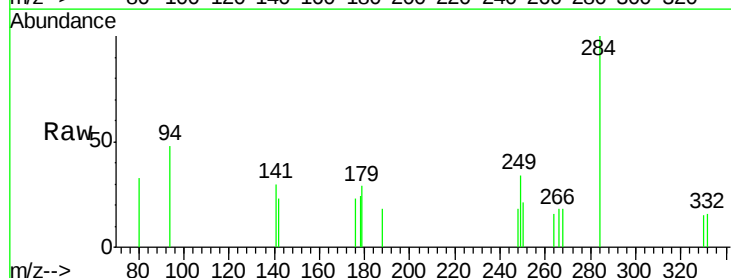
Manual Integrations
APPROVED

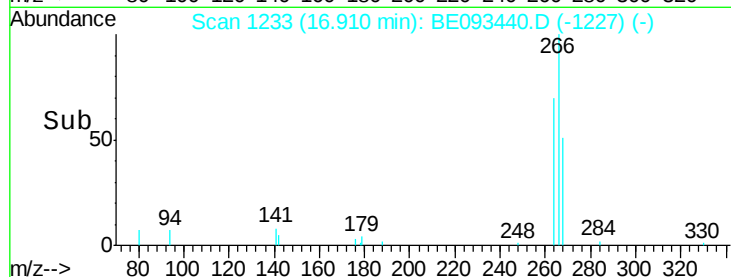
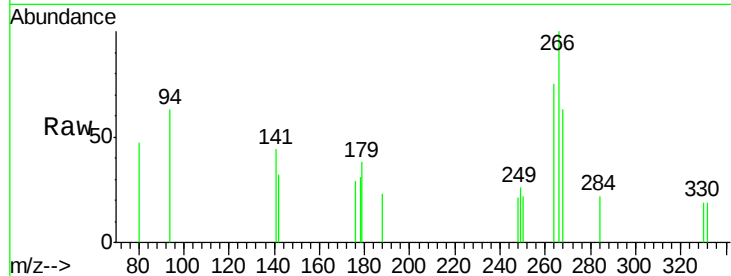
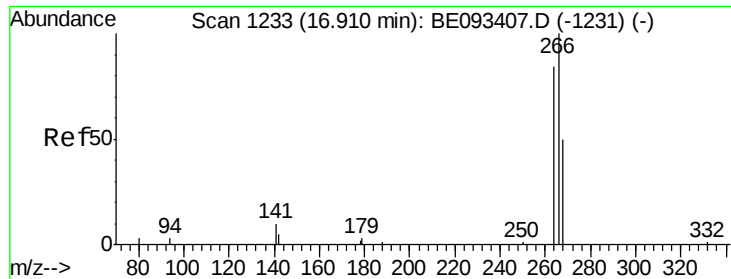
mohammad
7/10/2017 11:45:35 AM



#21
Hexachlorobenzene
Concen: 0.029 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Tgt Ion: 284 Resp: 505
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 21.0 0.0 0.0#





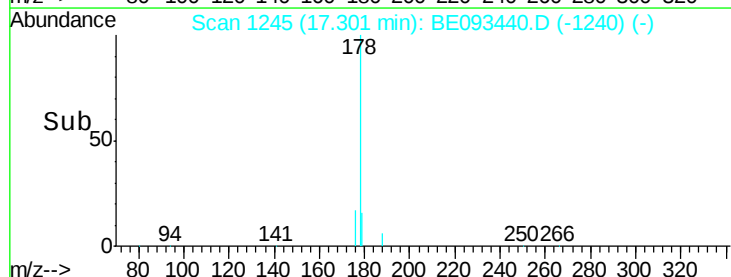
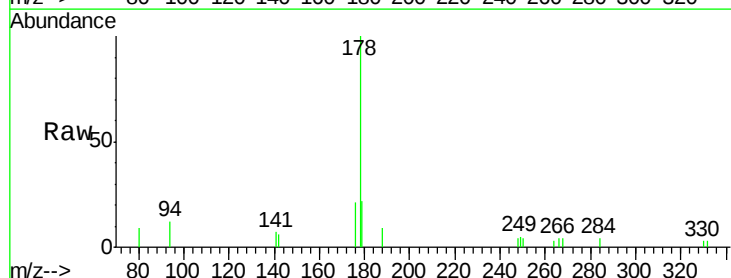
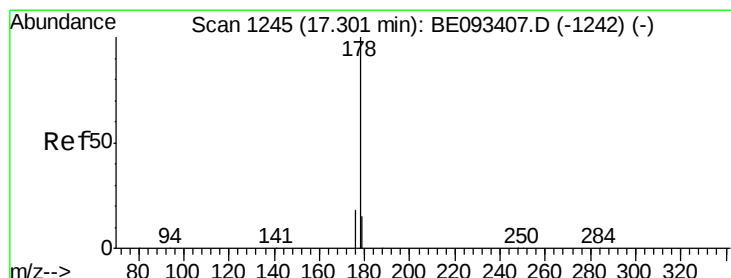
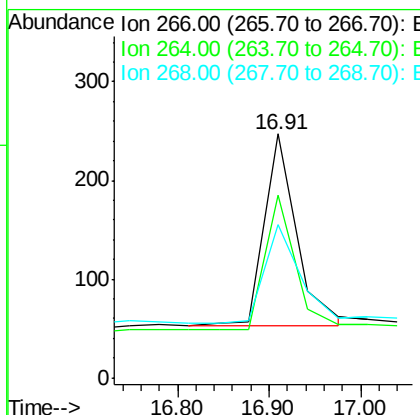
#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170629

Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.9	58.2	87.2
268	62.8	71.9	107.9

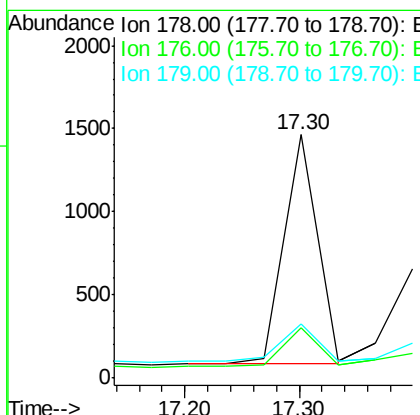
Manual Integrations
 APPROVED

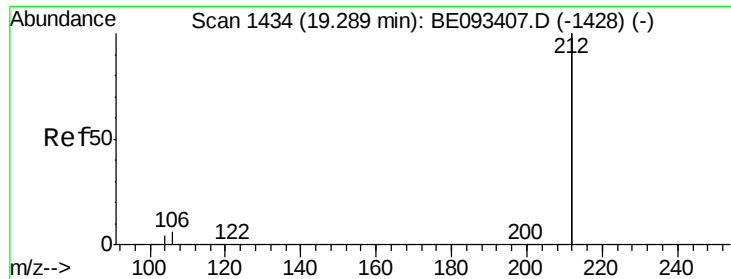
mohammad
 7/10/2017 11:45:35 AM



#23
 Phenanthrene
 Concen: 0.026 ng
 RT: 17.30 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.0	22.4
179	17.9	12.7	19.1





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Instrument :

BNA_E

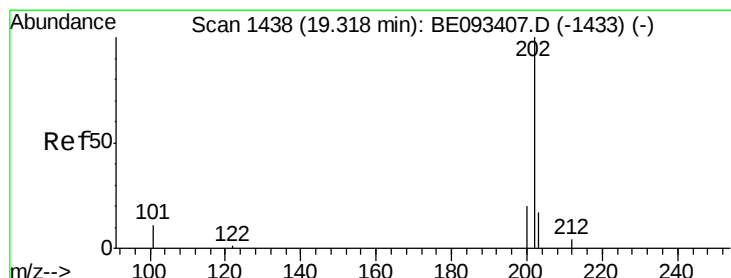
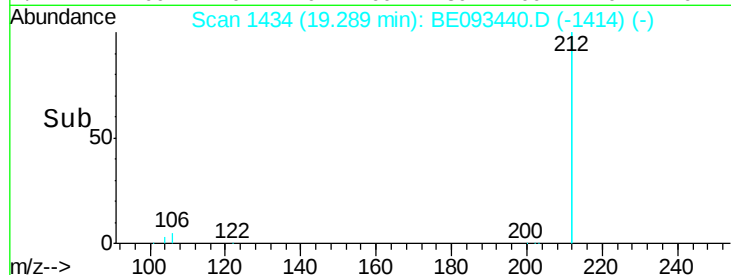
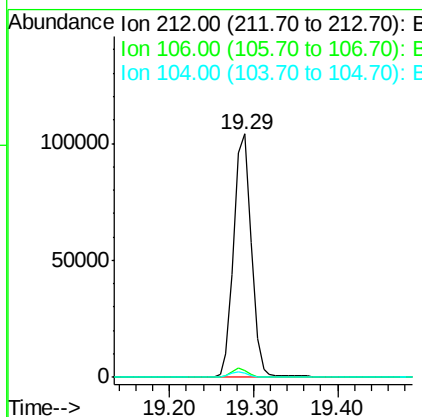
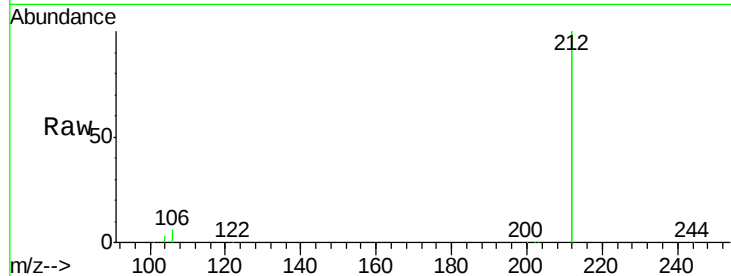
ClientSampleId :

DUP01-20170629

Tgt Ion:	212	Resp:	149092
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

Manual Integrations
APPROVED

mohammad
7/10/2017 11:45:35 AM



#26

Fluoranthene

Concen: 0.021 ng

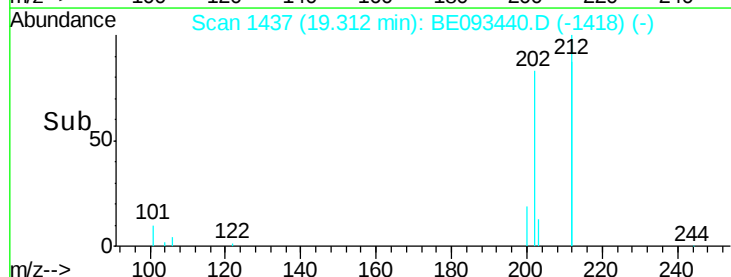
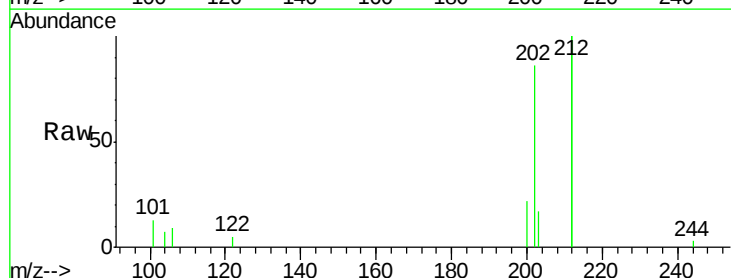
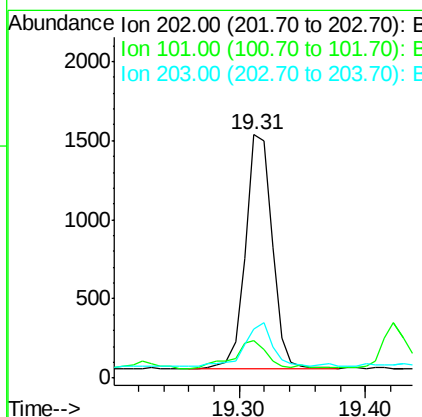
RT: 19.31 min Scan# 1437

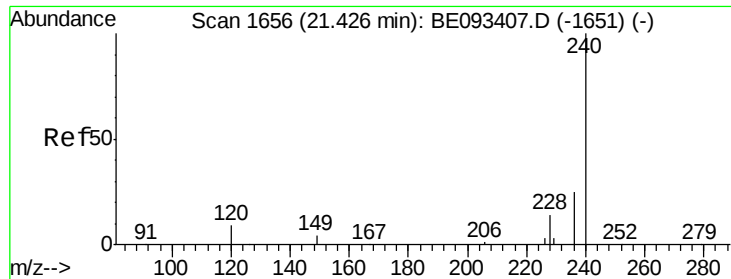
Delta R.T. -0.01 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Tgt Ion:	202	Resp:	2171
Ion Ratio	Lower	Upper	
202	100		
101	14.9	9.6	14.4#
203	19.9	14.4	21.6





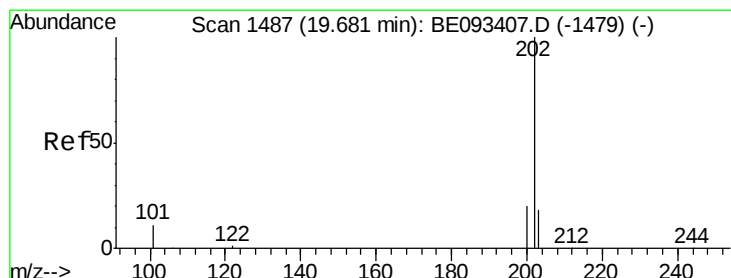
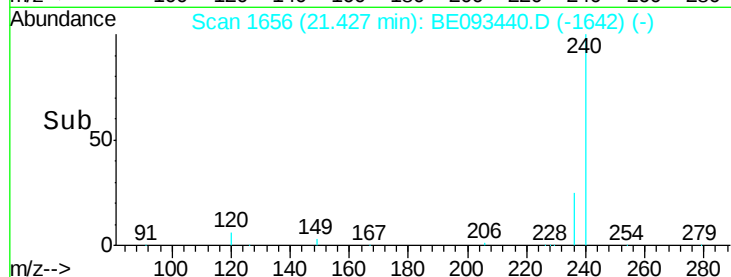
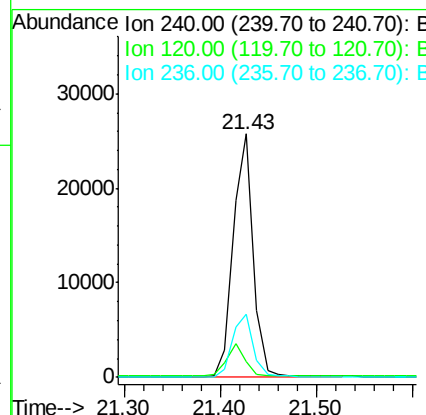
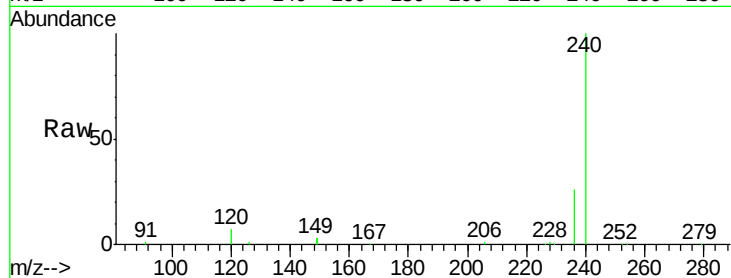
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20170629

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.6	7.0
236	25.7	20.8	31.2

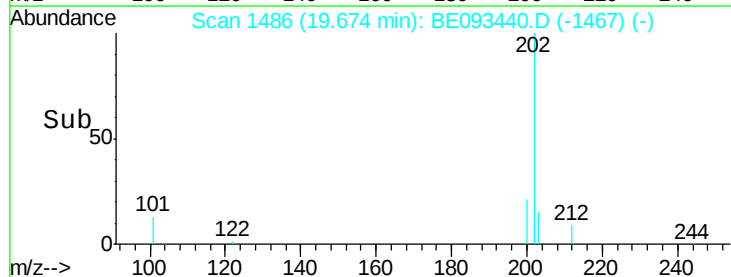
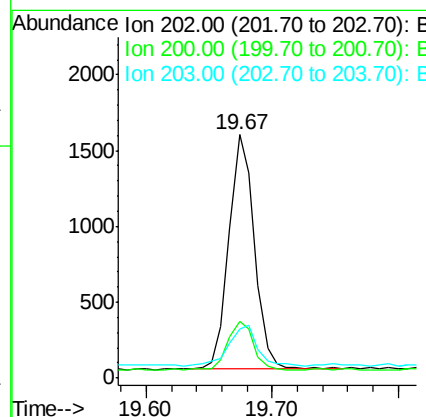
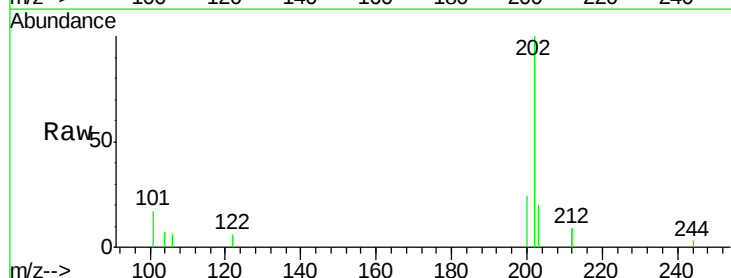
Manual Integrations
 APPROVED

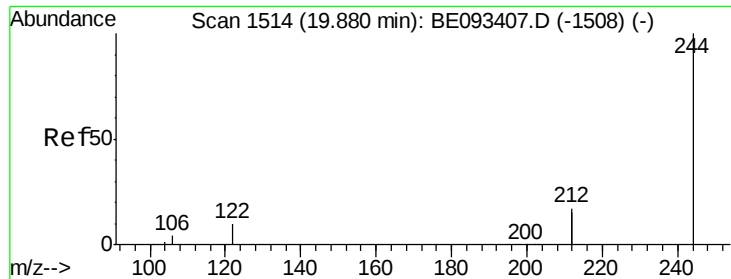
mohammad
 7/10/2017 11:45:35 AM



#28
 Pyrene
 Concen: 0.021 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BE093440.D
 Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	0.0	0.0#
203	19.1	13.7	20.5





#29

Terphenyl-d14

Concen: 0.490 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093440.D

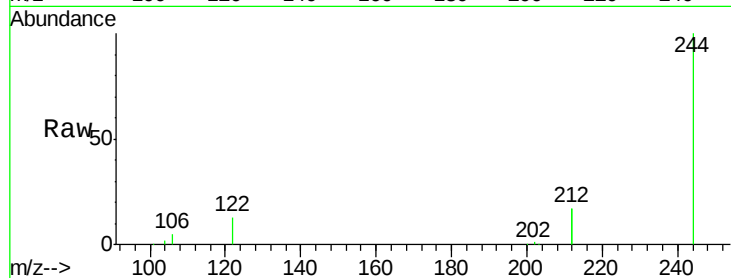
Acq: 7 Jul 2017 13:14

Instrument :

BNA_E

ClientSampleId :

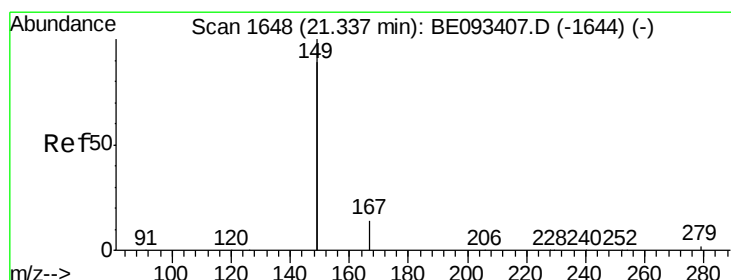
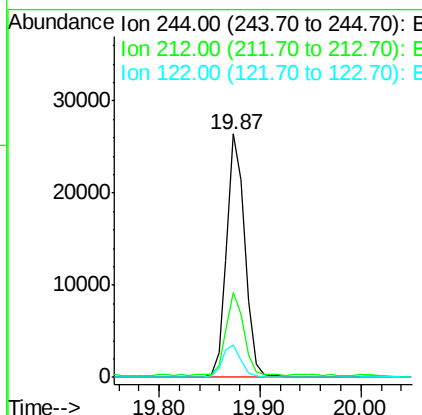
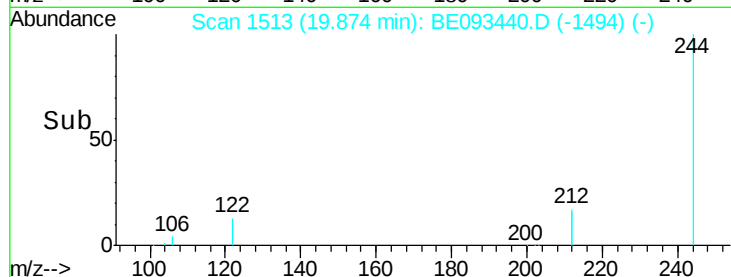
DUP01-20170629



Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.7	10.6	16.0#
122	13.1	15.4	23.0#

Manual Integrations
APPROVED

mohammad
7/10/2017 11:45:35 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

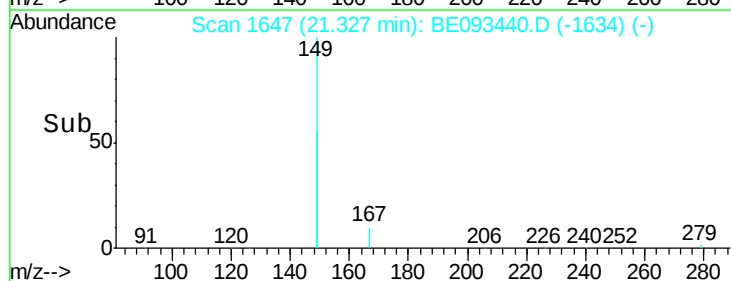
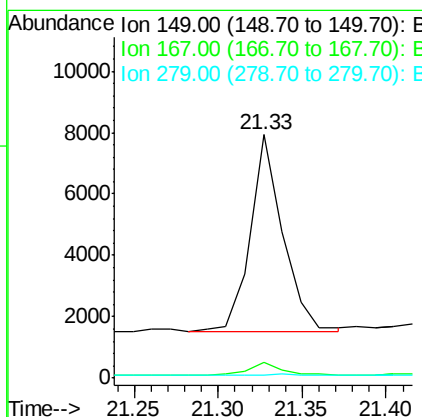
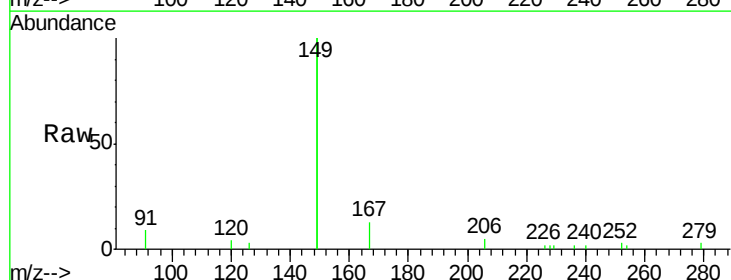
RT: 21.33 min Scan# 1647

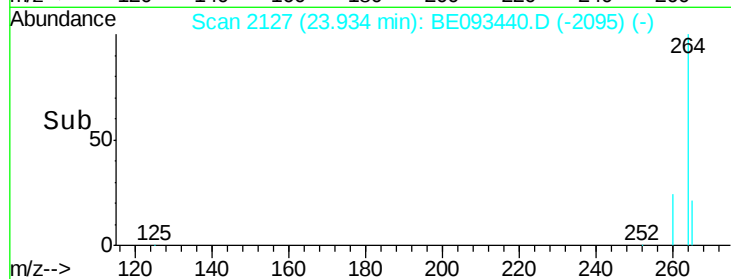
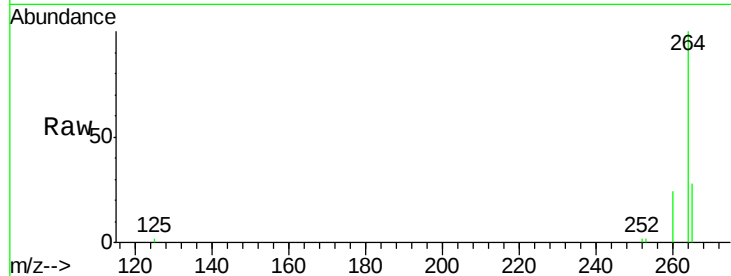
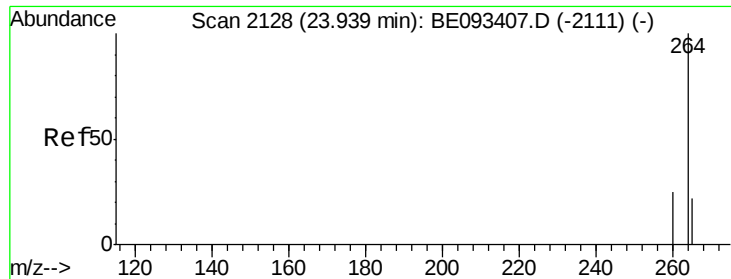
Delta R.T. -0.01 min

Lab File: BE093440.D

Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	5.9	20.1	30.1#
279	0.9	2.2	3.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BE093440.D
Acq: 7 Jul 2017 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	31553		
260	24.2		21.0	31.4
265	28.1		24.6	36.8

Instrument :
BNA_E
ClientSampleId :
DUP01-20170629

Manual Integrations
APPROVED

mohammad
7/10/2017 11:45:35 AM

