

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091818.D
 Acq On : 19 May 2016 20:06
 Operator : UM/SJ
 Sample : H3084-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-160512

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:25:16 PM

Quant Time: May 20 14:40:42 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	28681	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	155750	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	119362	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	209885	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	262198	5.00	ng	-0.02
35) Perylene-d12	23.73	264	231538	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	30179	4.03	ng	0.00
5) Phenol-d6	6.97	99	38732	3.67	ng	0.02
8) Nitrobenzene-d5	8.95	82	56209	5.45	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	34566	7.46	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	113767	3.37	ng	0.00
29) Terphenyl-d14	19.74	244	184217	4.96	ng	-0.02
Target Compounds						
10) Naphthalene	10.61	128	2430772	70.55	ng	Qvalue 97
12) 2-Methylnaphthalene	12.23	142	215212	9.28	ng	97
18) Fluorene	15.44	166	5560	0.13	ng	# 79
22) Pentachlorophenol	16.79	266	428	0.13	ng	93

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

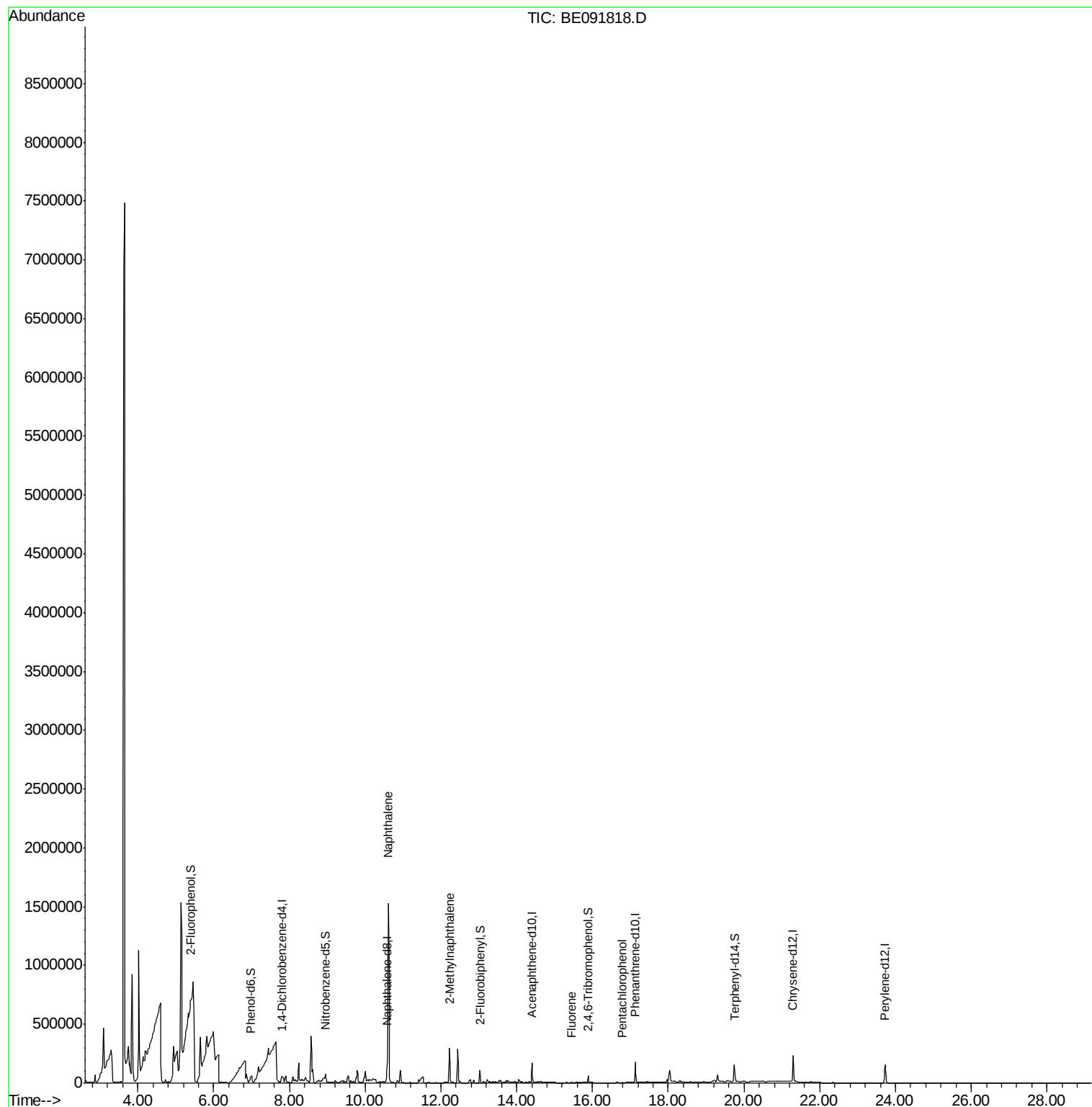
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091818.D
Acq On : 19 May 2016 20:06
Operator : UM/SJ
Sample : H3084-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

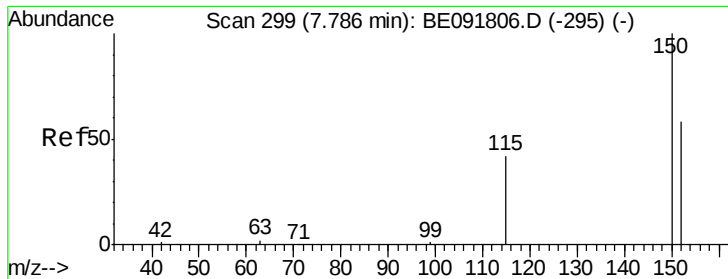
Instrument :
BNA_E
ClientSampleId :
LF001MW001-160512

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:16 PM

Quant Time: May 20 14:40:42 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091818.D

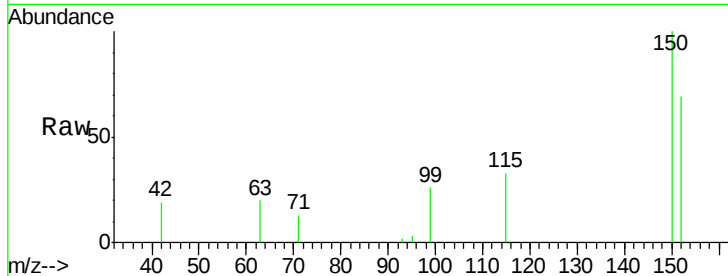
Acq: 19 May 2016 20:06

Instrument :

BNA_E

ClientSampleId :

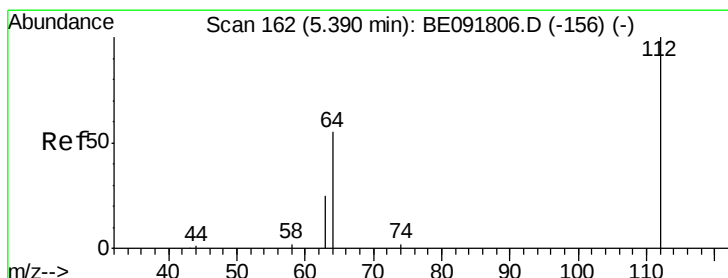
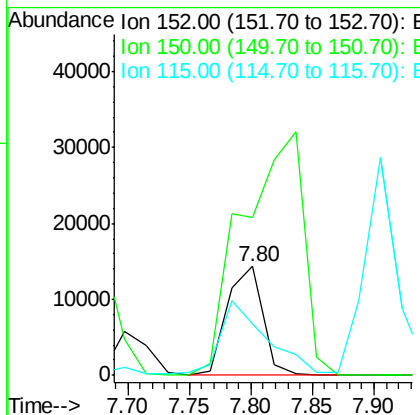
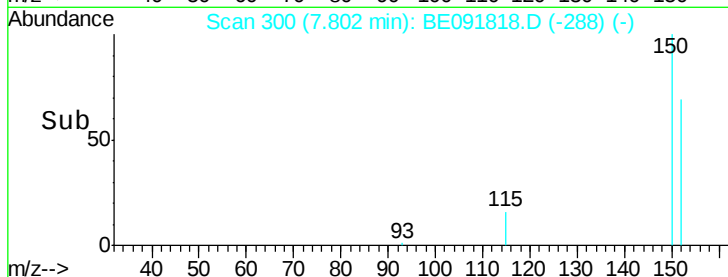
LF001MW001-160512



Tgt Ion:	152	Resp:	28681
Ion Ratio	Lower	Upper	
152	100		
150	145.2	122.6	183.8
115	48.0	52.8	79.2#

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:16 PM



#4

2-Fluorophenol

Concen: 4.03 ng

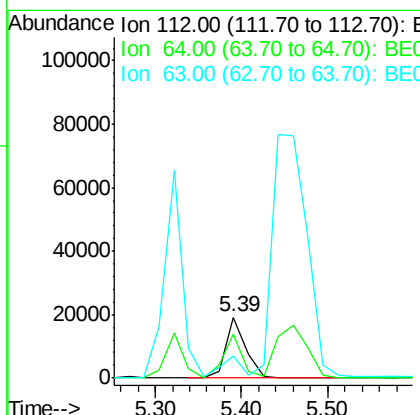
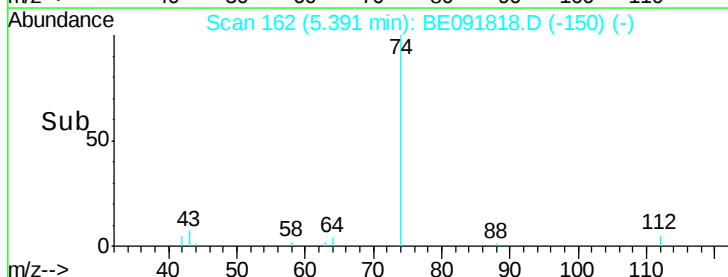
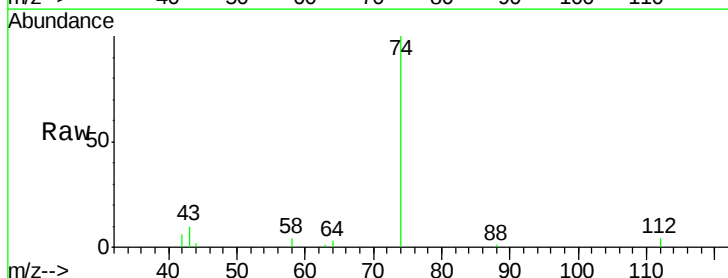
RT: 5.39 min Scan# 162

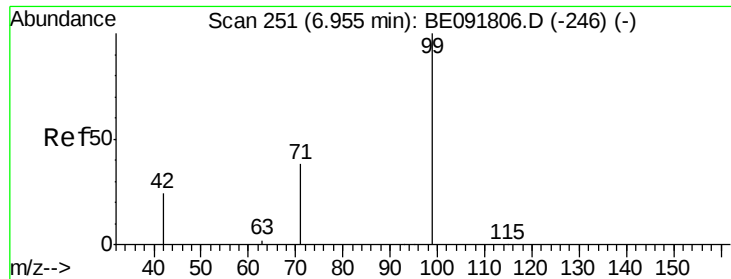
Delta R.T. 0.00 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Tgt Ion:	112	Resp:	30179
Ion Ratio	Lower	Upper	
112	100		
64	71.5	30.9	46.3#
63	0.0	16.7	25.1#





#5

Phenol-d6

Concen: 3.67 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Instrument :

BNA_E

ClientSampleId :

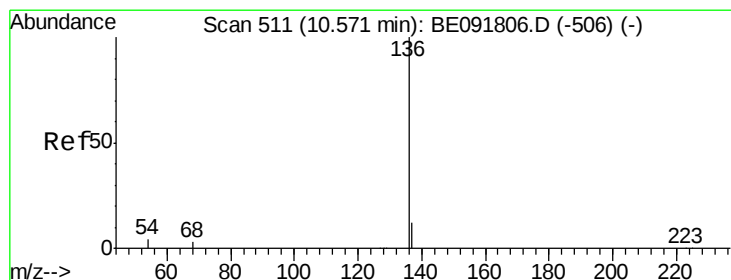
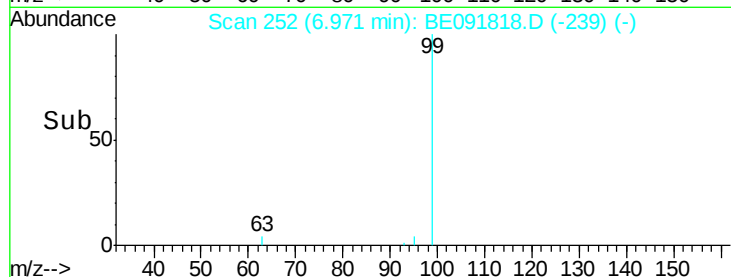
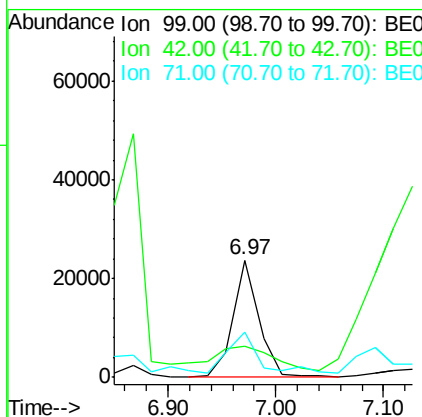
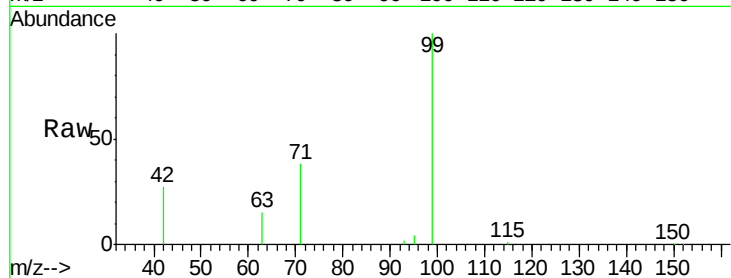
LF001MW001-160512

Tgt Ion: 99 Resp: 38732

Ion	Ratio	Lower	Upper
99	100		
42	49.2	16.2	24.2#
71	42.2	29.0	43.4

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:16 PM



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

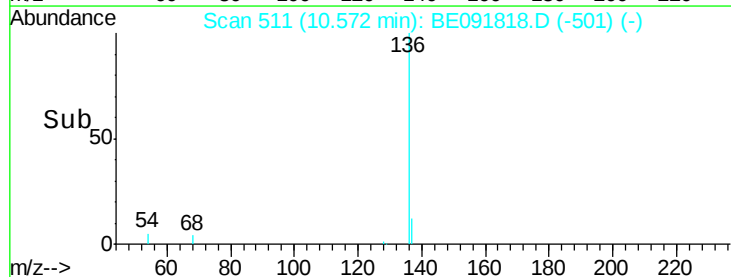
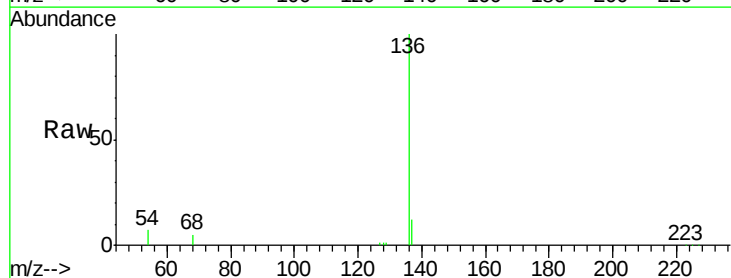
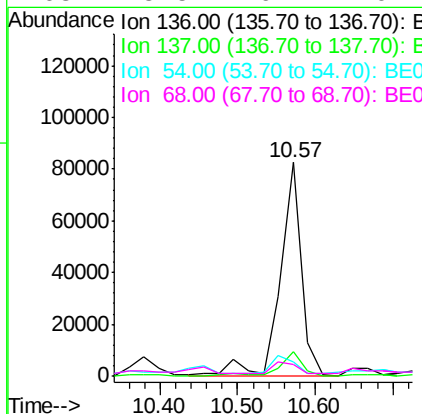
Delta R.T. 0.00 min

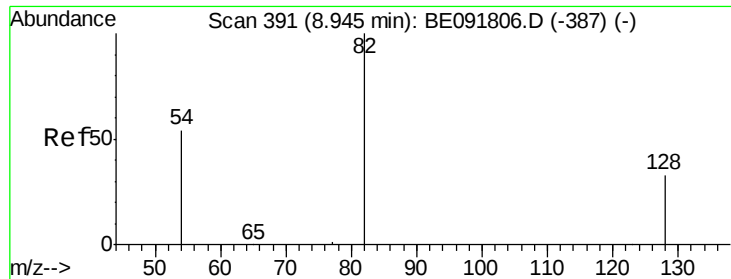
Lab File: BE091818.D

Acq: 19 May 2016 20:06

Tgt Ion: 136 Resp: 155750

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	6.8	8.2	12.4#
68	5.5	6.2	9.4#





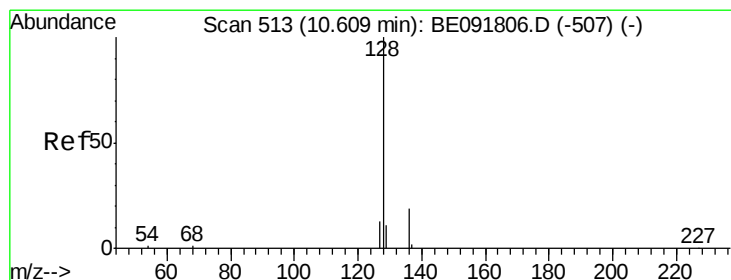
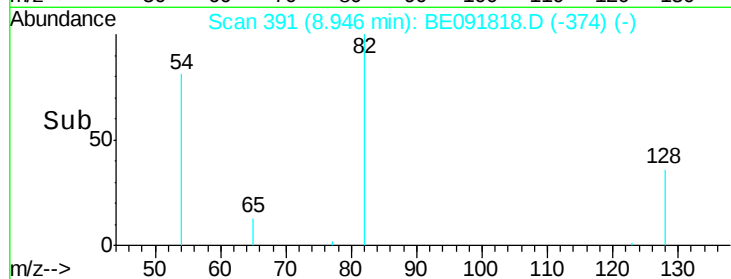
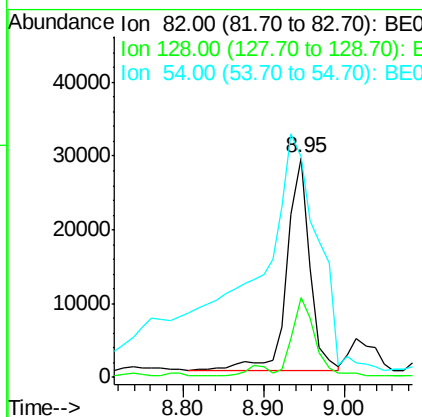
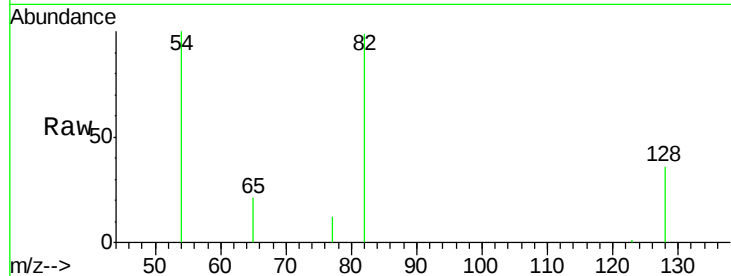
#8
 Nitrobenzene-d5
 Concen: 5.45 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-160512

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	25.4	38.0
54	100.7	48.4	72.6

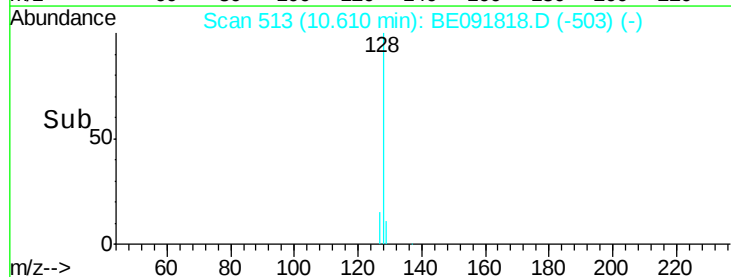
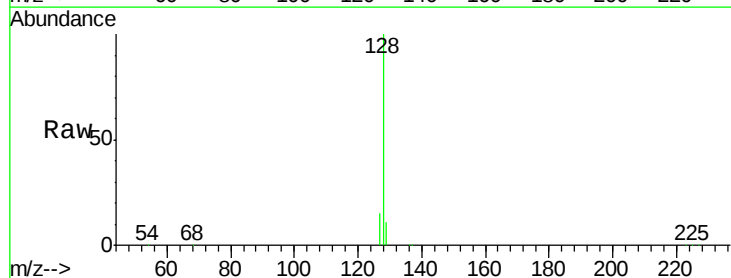
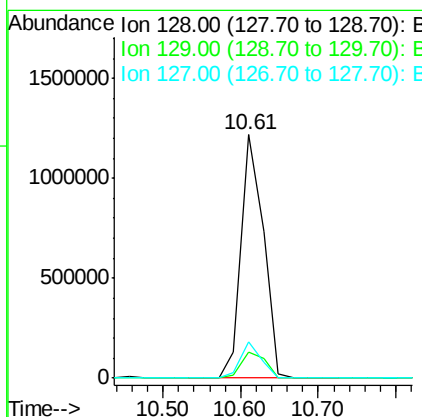
Manual Integrations
 APPROVED

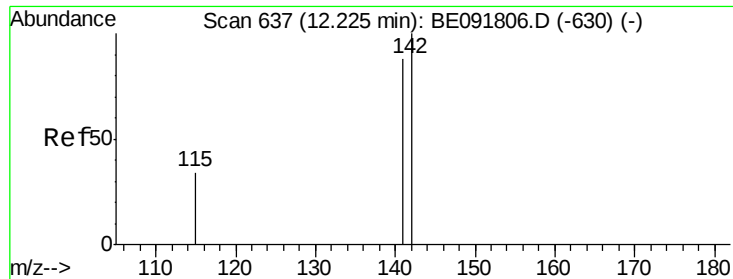
sohil
 5/20/2016 7:25:16 PM



#10
 Naphthalene
 Concen: 70.55 ng
 RT: 10.61 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	14.8	10.7	16.1





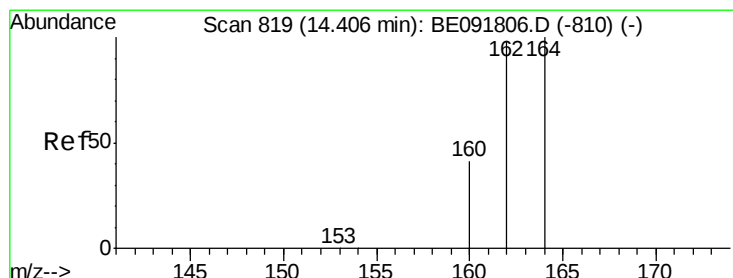
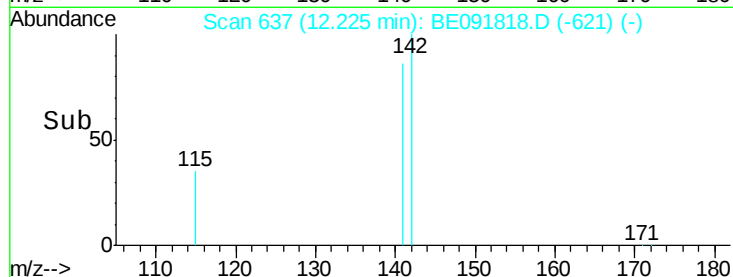
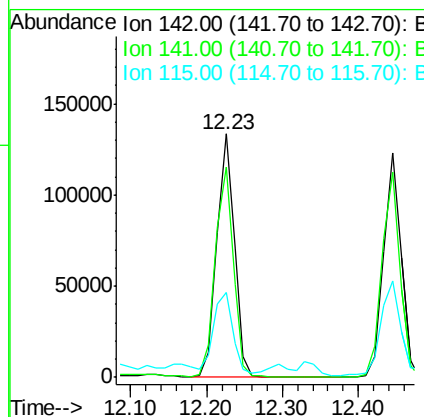
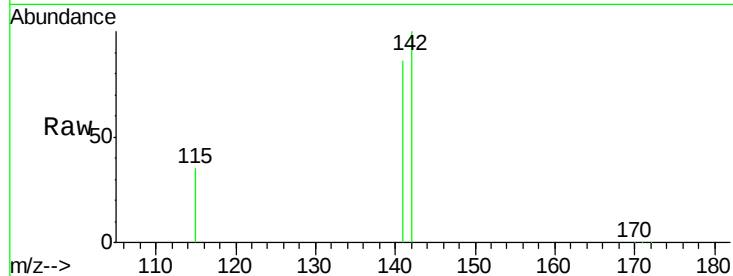
#12
2-Methylnaphthalene
Concen: 9.28 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091818.D
Acq: 19 May 2016 20:06

Instrument :
BNA_E
ClientSampleId :
LF001MW001-160512

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	215212		
141	86.5	71.4	107.0	
115	35.1	30.3	45.5	

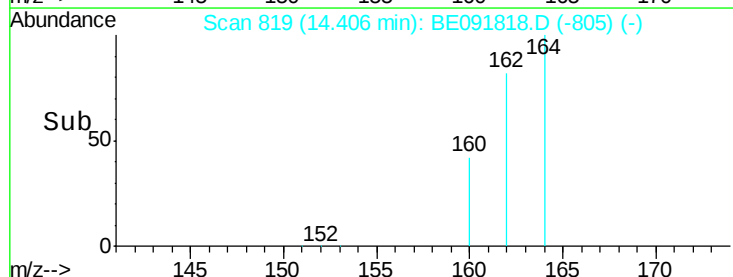
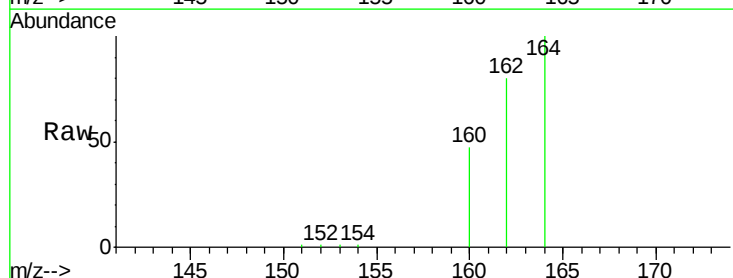
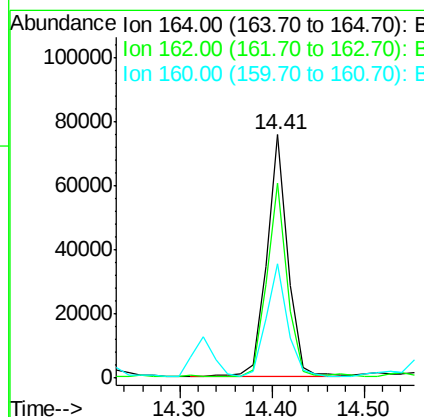
Manual Integrations
APPROVED

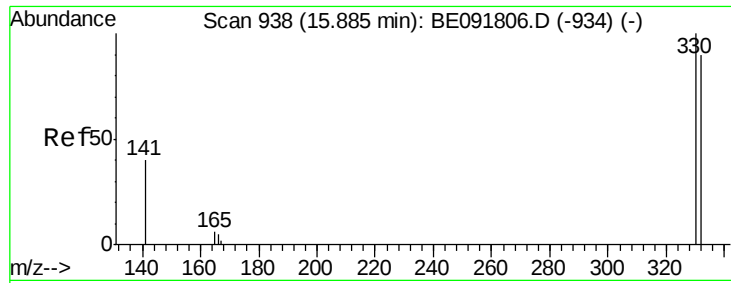
sohil
5/20/2016 7:25:16 PM



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091818.D
Acq: 19 May 2016 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119362		
162	80.2	85.3	127.9#	
160	46.7	46.2	69.2	





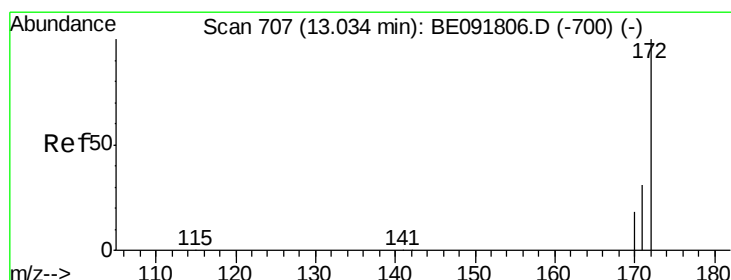
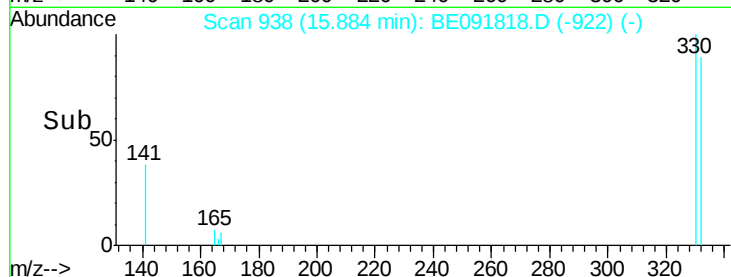
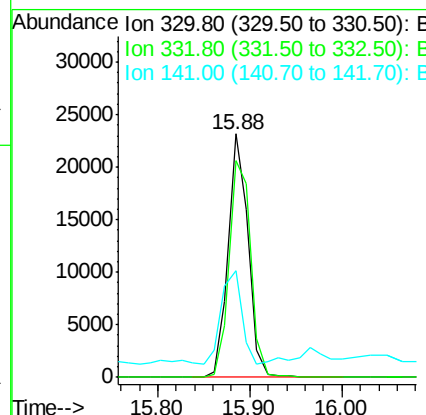
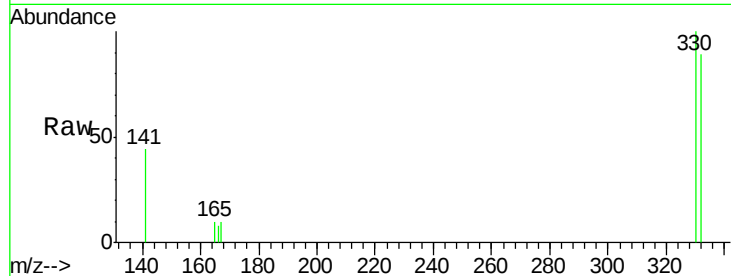
#14
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-160512

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	38.3	125.4	188.0

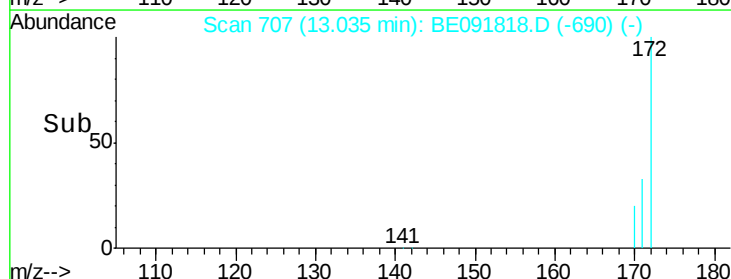
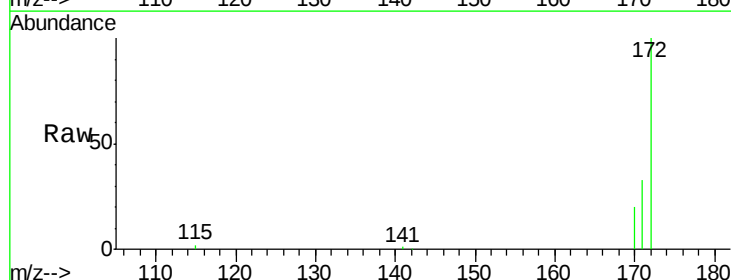
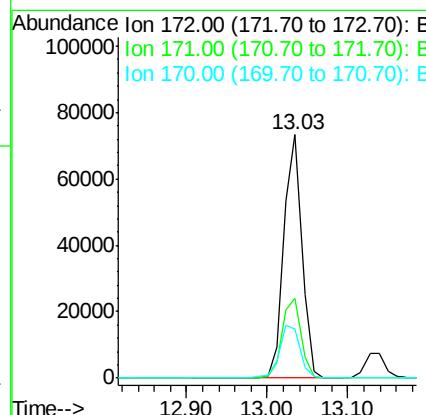
Manual Integrations
 APPROVED

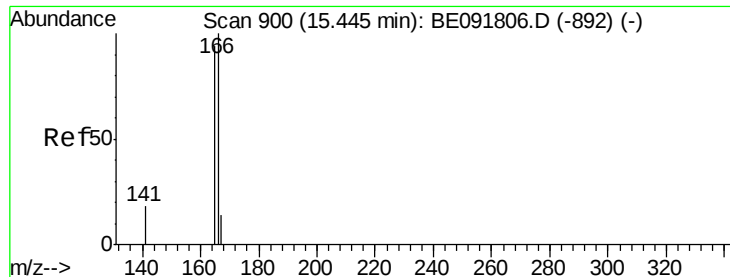
sohil
 5/20/2016 7:25:16 PM



#15
 2-Fluorobiphenyl
 Concen: 3.37 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.8	43.2
170	20.0	19.3	28.9





#18

Fluorene

Concen: 0.13 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Instrument :

BNA_E

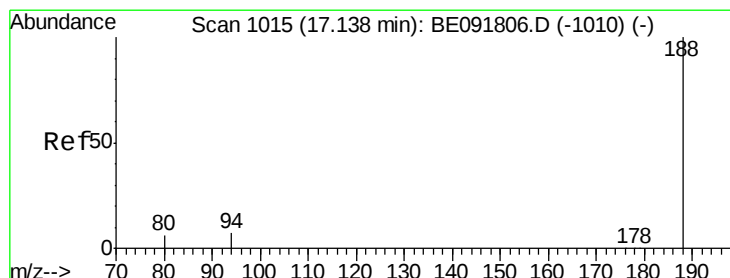
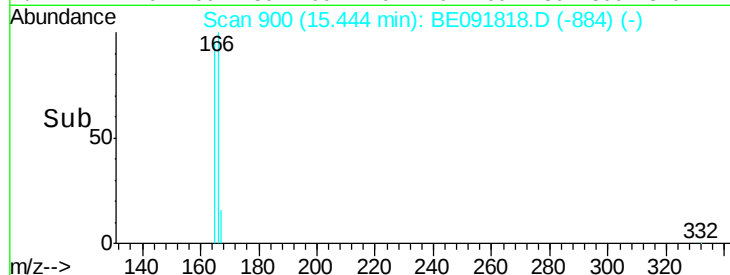
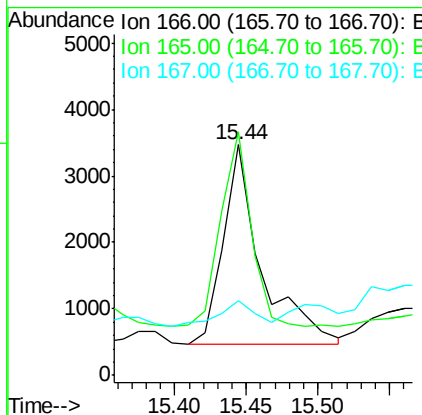
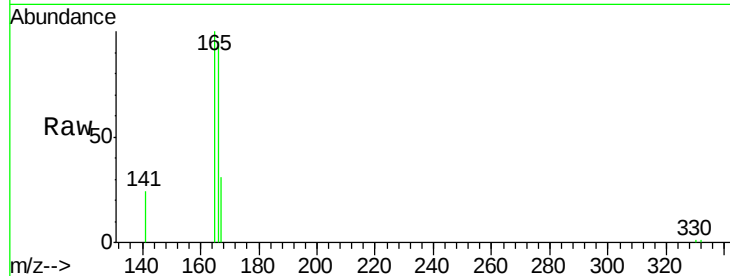
ClientSampleId :

LF001MW001-160512

Tgt Ion:	166	Resp:	5560
Ion Ratio	Lower	Upper	
166	100		
165	76.9	80.8	121.2#
167	12.7	10.9	16.3

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:16 PM



#19

Phenanthrene-d10

Concen: 5.00 ng

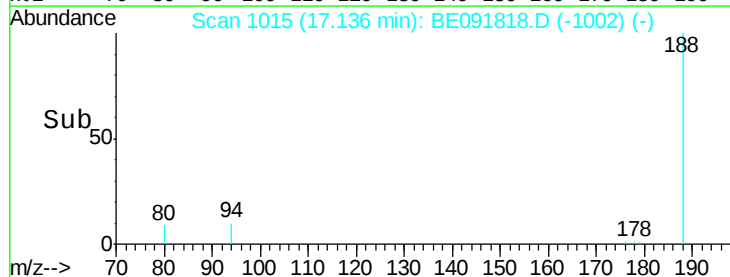
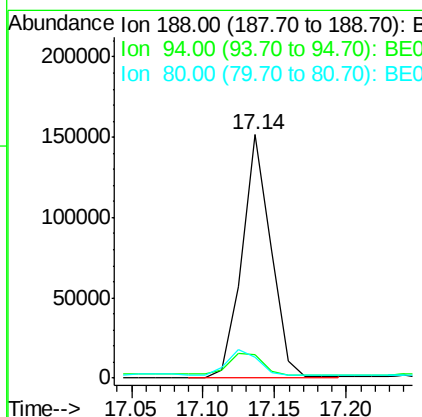
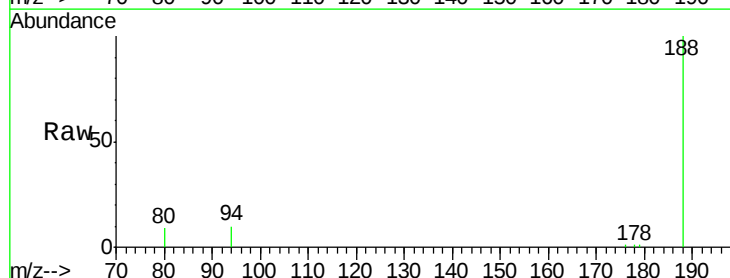
RT: 17.14 min Scan# 1015

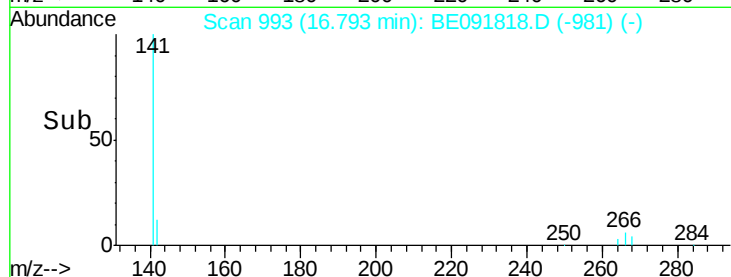
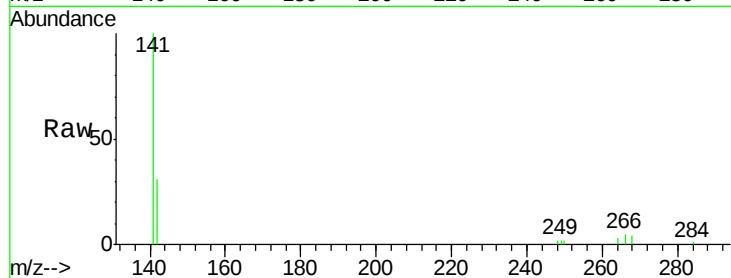
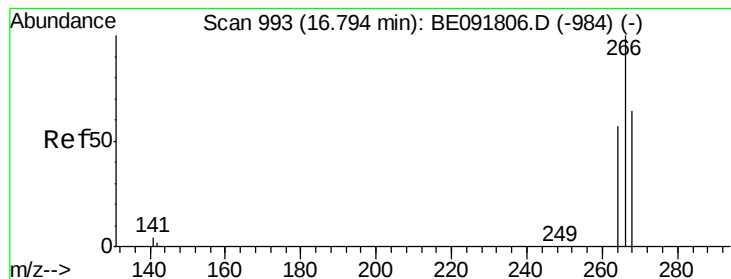
Delta R.T. -0.01 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Tgt Ion:	188	Resp:	209885
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.7	13.1
80	8.7	9.4	14.0#





#22

Pentachlorophenol

Concen: 0.13 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Tgt Ion:	266	Resp:	428
Ion Ratio	Lower	Upper	
266	100		
268	79.9	58.2	87.2
264	66.7	56.2	84.4

Instrument :

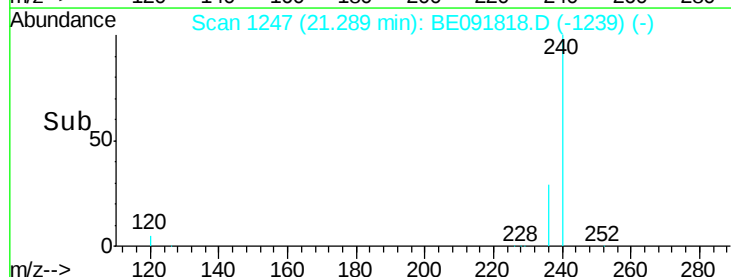
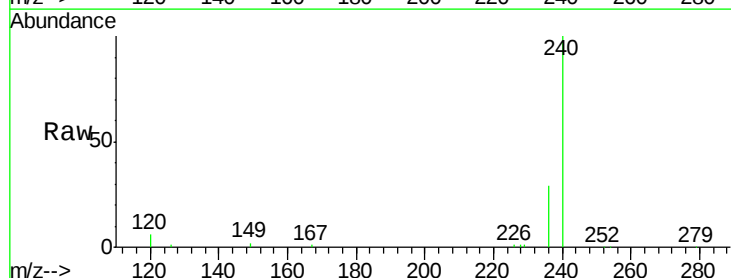
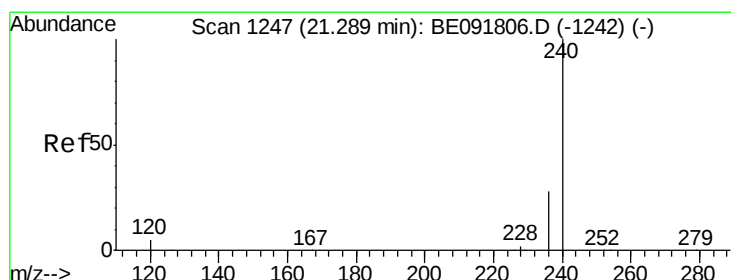
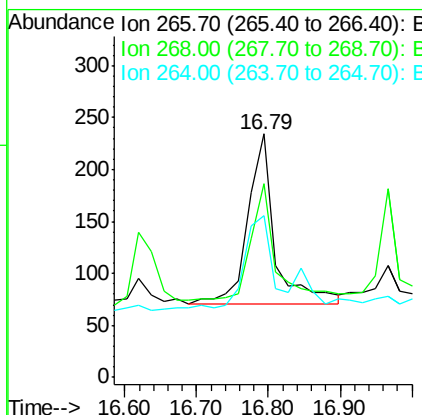
BNA_E

ClientSampleId :

LF001MW001-160512

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:16 PM



#26

Chrysene-d12

Concen: 5.00 ng

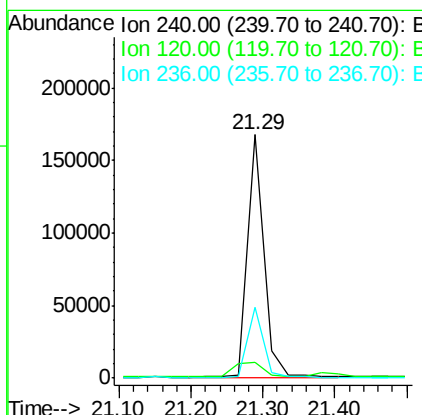
RT: 21.29 min Scan# 1247

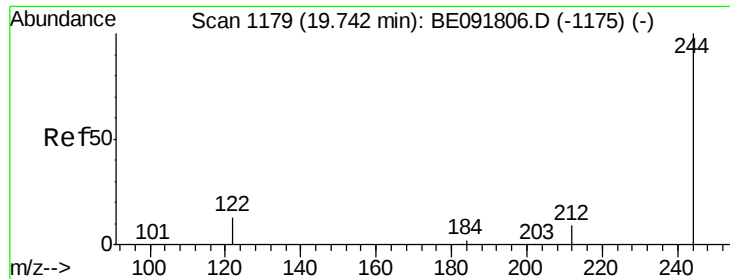
Delta R.T. -0.02 min

Lab File: BE091818.D

Acq: 19 May 2016 20:06

Tgt Ion:	240	Resp:	262198
Ion Ratio	Lower	Upper	
240	100		
120	6.3	11.0	16.4#
236	29.2	21.7	32.5





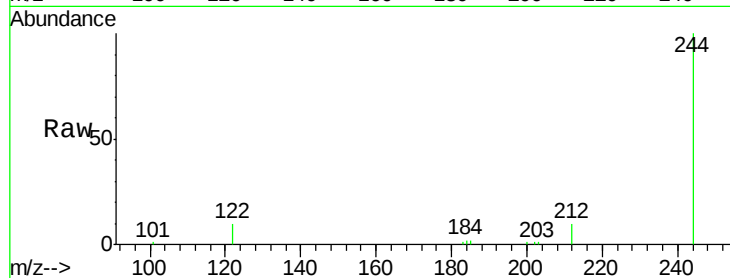
#29
 Terphenyl-d14
 Concen: 4.96 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-160512

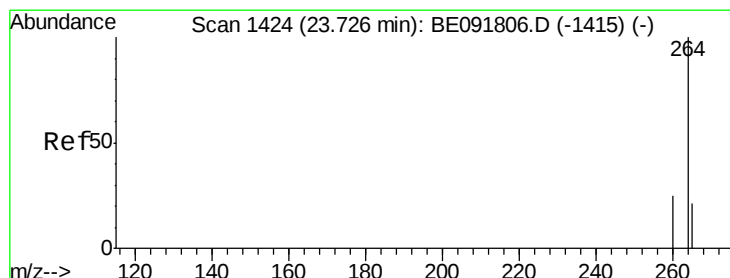
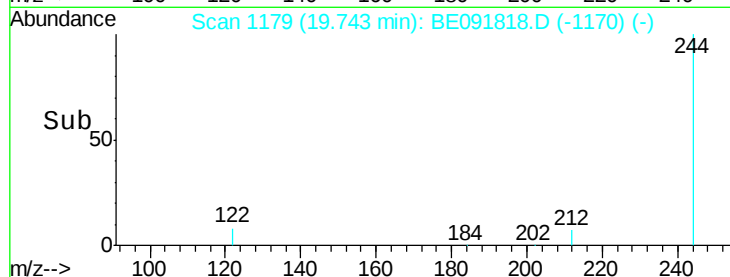
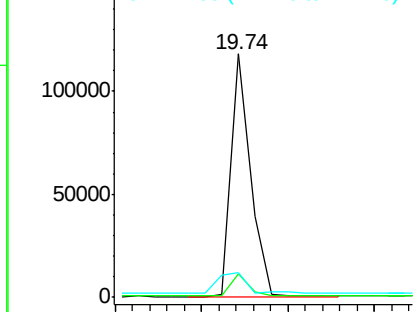
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.5	6.9	10.3
122	10.0	11.0	16.4

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:25:16 PM



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



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091818.D
 Acq: 19 May 2016 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.6	20.0	30.0
265	22.2	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

