

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
 Data File : BE091793.D
 Acq On : 18 May 2016 17:51
 Operator : UM/SJ
 Sample : H3065-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0343-160511

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:03:19 PM

Quant Time: May 19 16:55:25 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	32147	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	163539	5.00	ng	-0.02
13) Acenaphthene-d10	14.39	164	106010	5.00	ng	-0.03
19) Phenanthrene-d10	17.14	188	303145	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	322530	5.00	ng	-0.02
35) Perylene-d12	23.72	264	303504	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	17106	2.17	ng	-0.01
5) Phenol-d6	6.95	99	14736	1.41	ng	0.00
8) Nitrobenzene-d5	8.93	82	36552	3.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.87	330	31626	8.01	ng	-0.02
15) 2-Fluorobiphenyl	13.02	172	108109	3.61	ng	-0.01
29) Terphenyl-d14	19.74	244	248413	4.94	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.78	266	408	0.16	ng	Qvalue 93

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

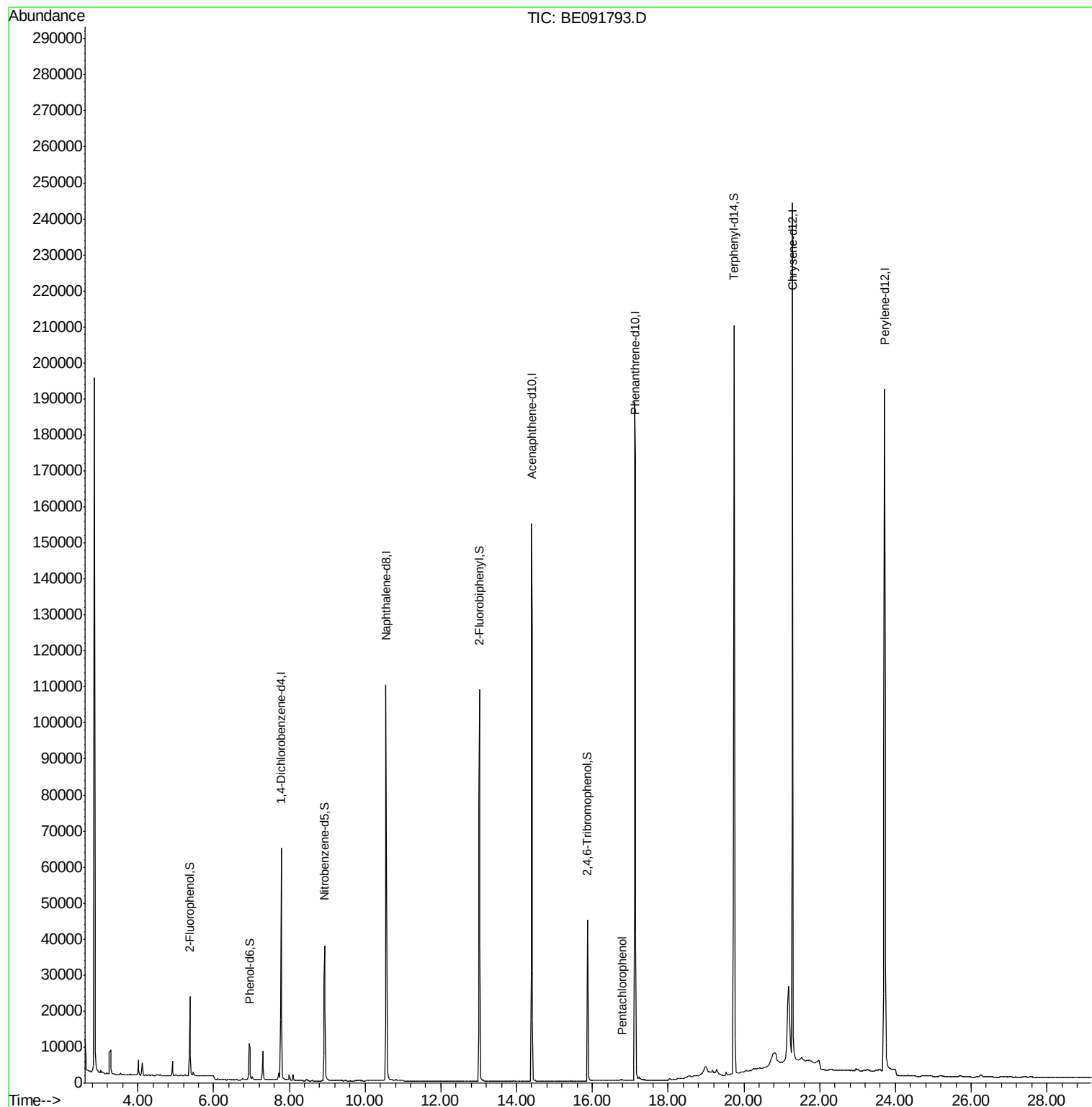
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
Data File : BE091793.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3065-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

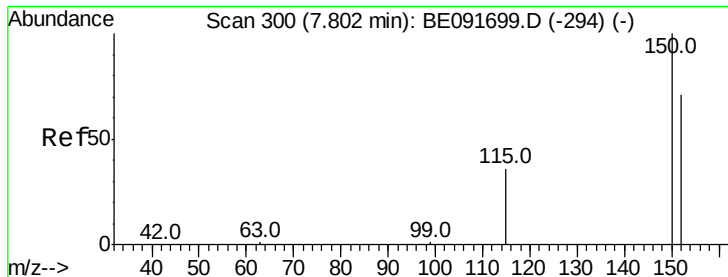
Instrument :
BNA_E
ClientSampleId :
DUP-0343-160511

Manual Integrations
APPROVED

sohil
5/19/2016 7:03:19 PM

Quant Time: May 19 16:55:25 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091793.D

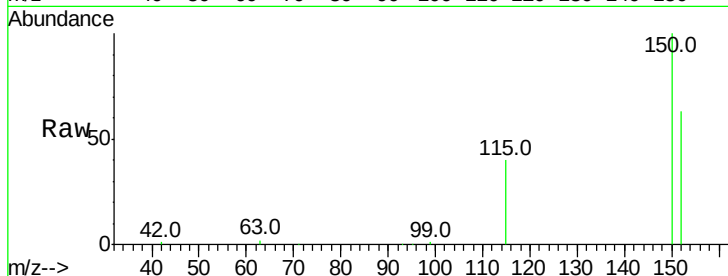
Acq: 18 May 2016 17:51

Instrument :

BNA_E

ClientSampleId :

DUP-0343-160511



Tot Ion:152 Resp: 32147

Ion Ratio Lower Upper

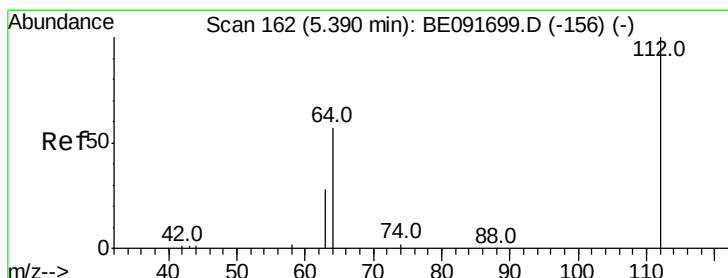
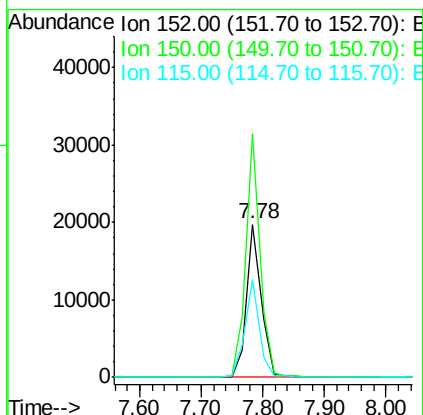
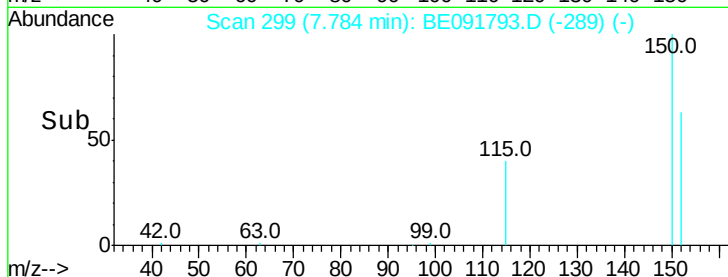
152 100

150 159.3 122.6 183.8

115 63.6 52.8 79.2

Manual Integrations
APPROVED

sohil
5/19/2016 7:03:19 PM



#4

2-Fluorophenol

Concen: 2.17 ng

RT: 5.38 min Scan# 161

Delta R.T. -0.01 min

Lab File: BE091793.D

Acq: 18 May 2016 17:51

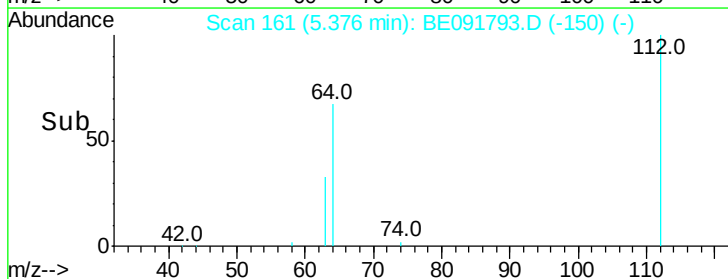
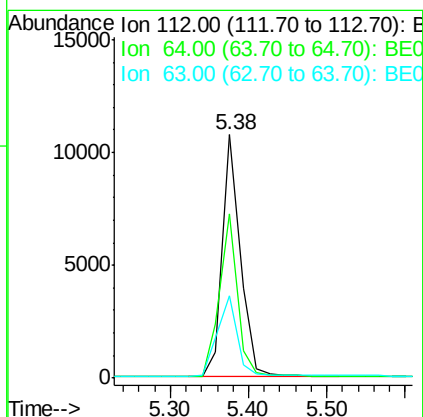
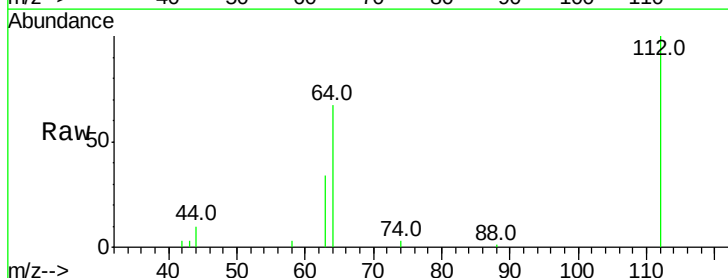
Tgt Ion:112 Resp: 17106

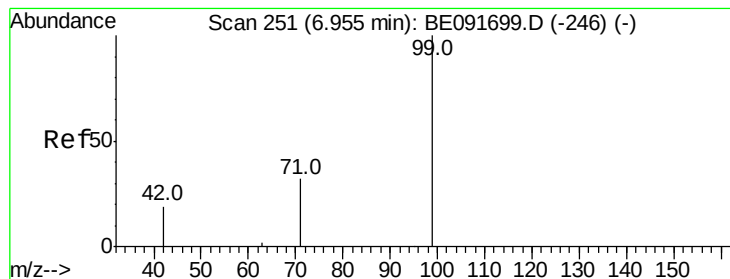
Ion Ratio Lower Upper

112 100

64 67.2 30.9 46.3#

63 36.8 16.7 25.1#





#5

Phenol-d6

Concen: 1.41 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091793.D

Acq: 18 May 2016 17:51

Instrument :

BNA_E

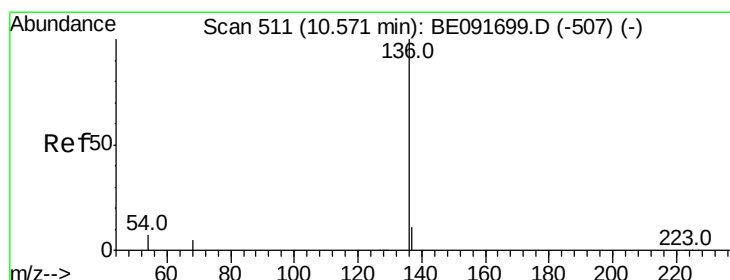
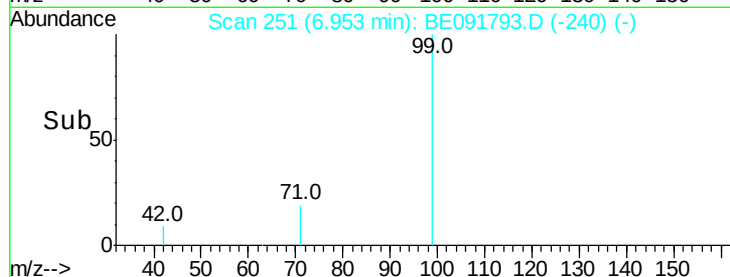
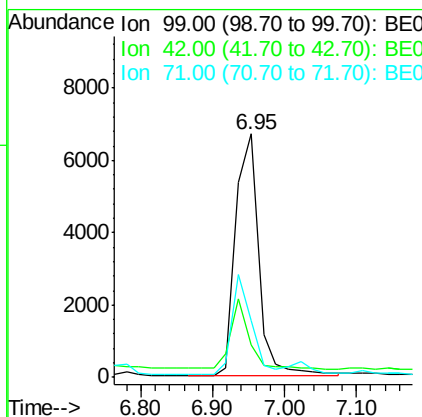
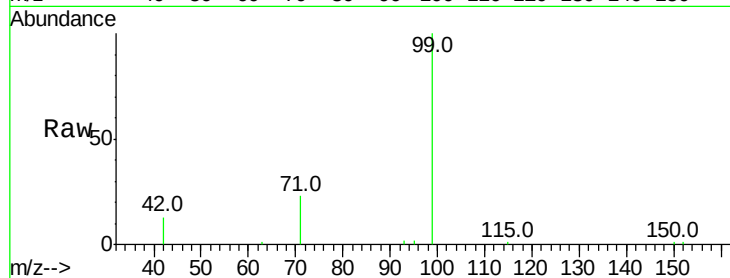
ClientSampleId :

DUP-0343-160511

Tot Ion:	99	Resp:	14736
Ion Ratio	Lower	Upper	
99	100		
42	22.9	16.2	24.2
71	34.7	29.0	43.4

Manual Integrations
APPROVED

sohil
5/19/2016 7:03:19 PM



#7

Naphthalene-d8

Concen: 5.00 ng

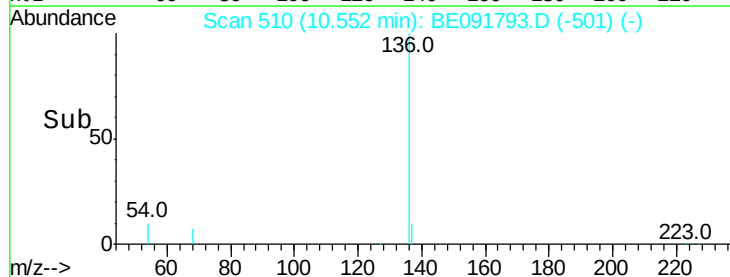
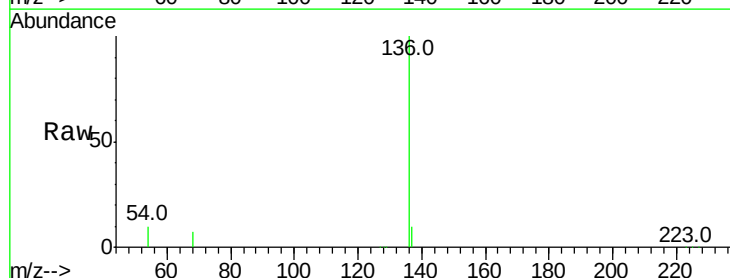
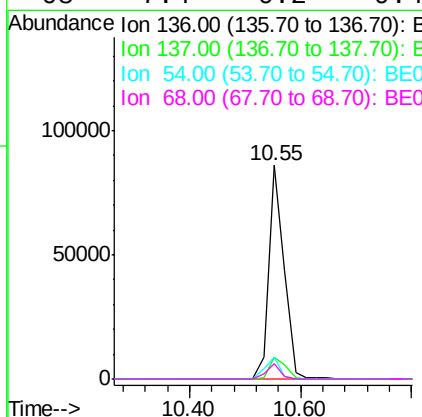
RT: 10.55 min Scan# 510

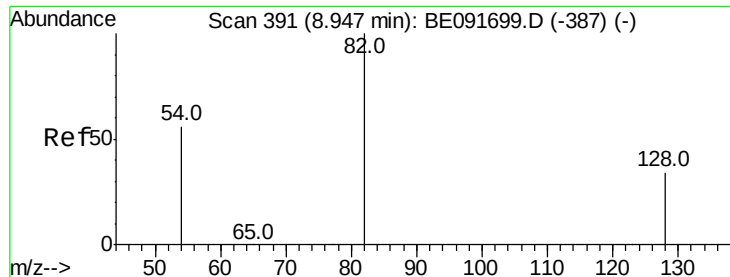
Delta R.T. -0.02 min

Lab File: BE091793.D

Acq: 18 May 2016 17:51

Tgt Ion:	136	Resp:	163539
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	10.3	8.2	12.4
68	7.4	6.2	9.4





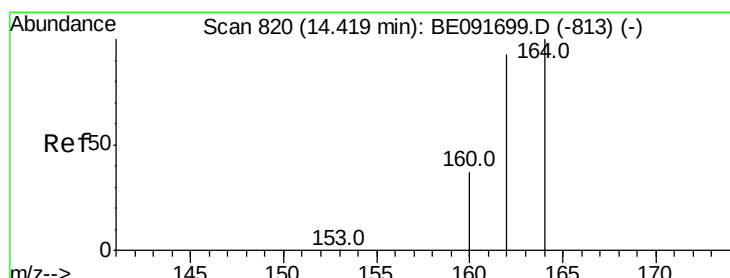
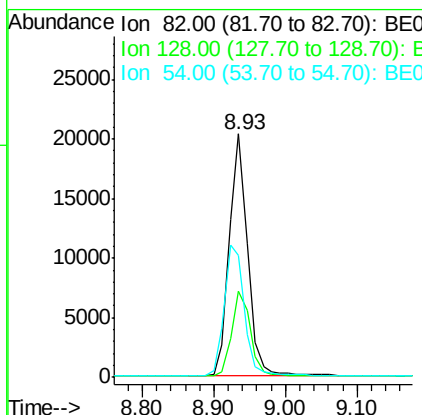
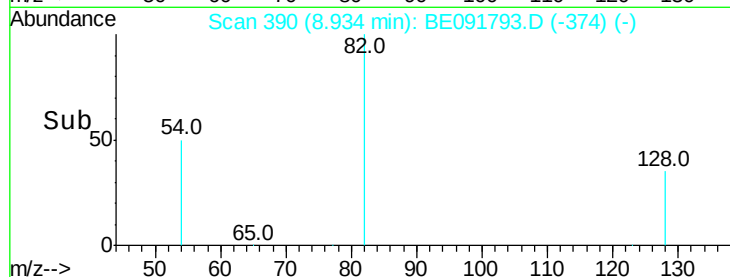
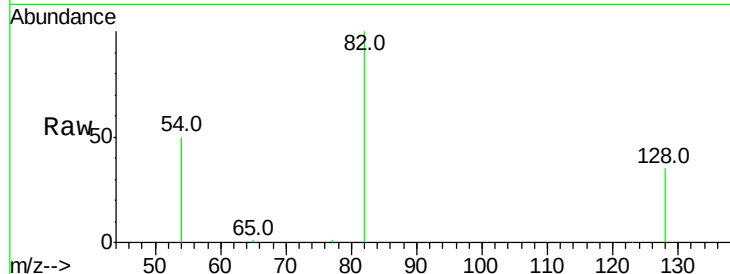
#8
 Nitrobenzene-d5
 Concen: 3.46 ng
 RT: 8.93 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0343-160511

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	25.4	38.0
54	50.1	48.4	72.6

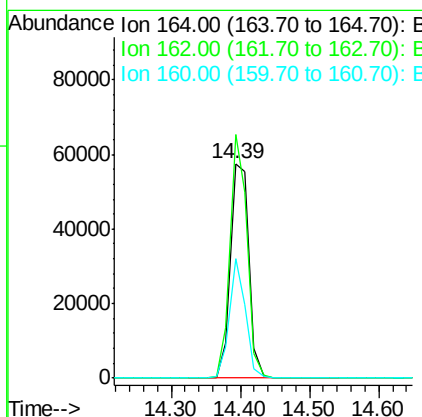
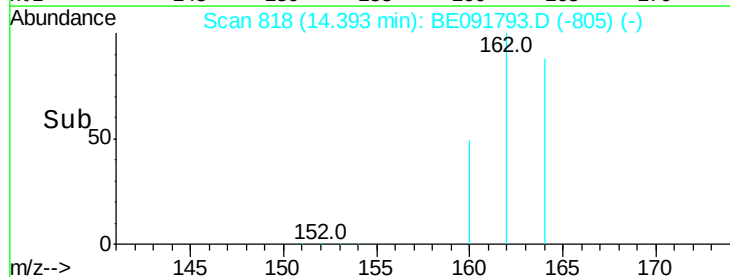
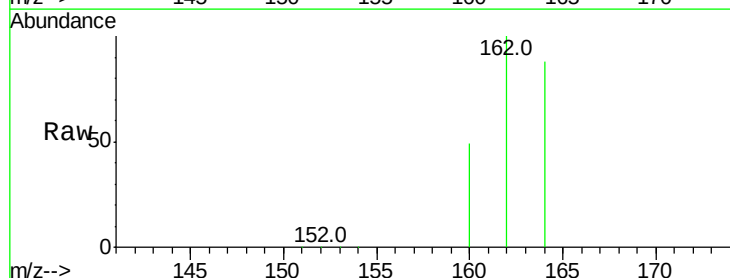
Manual Integrations
 APPROVED

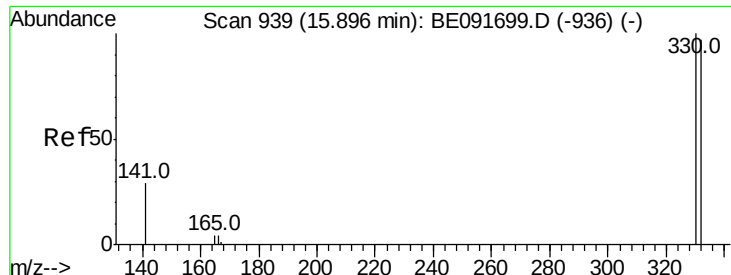
sohil
 5/19/2016 7:03:19 PM



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.39 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.6	85.3	127.9
160	55.5	46.2	69.2





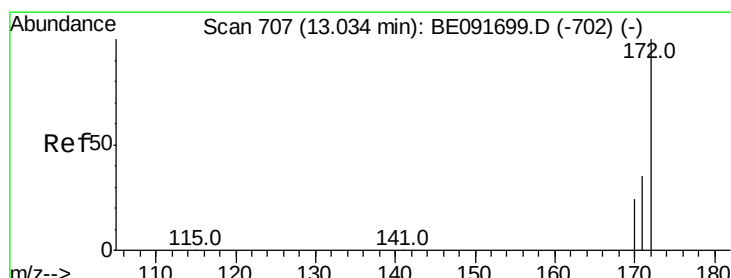
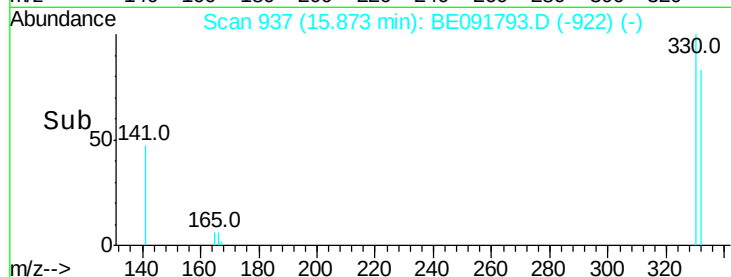
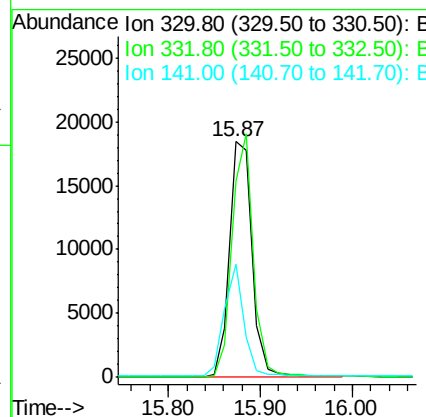
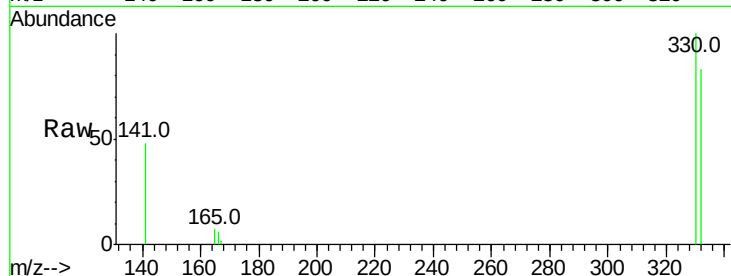
#14
 2,4,6-Tribromophenol
 Concen: 8.01 ng
 RT: 15.87 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0343-160511

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	40.8	125.4	188.0

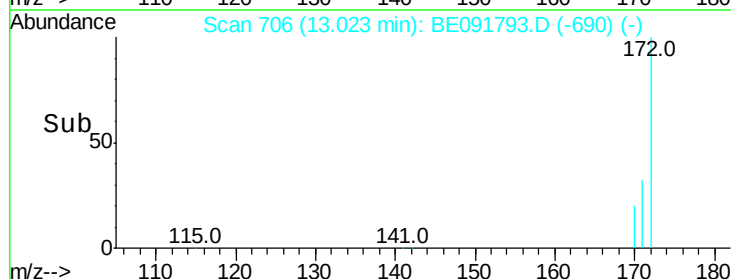
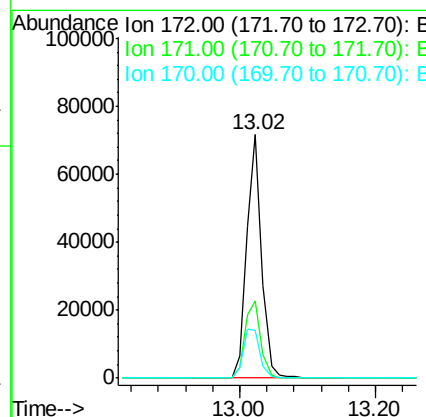
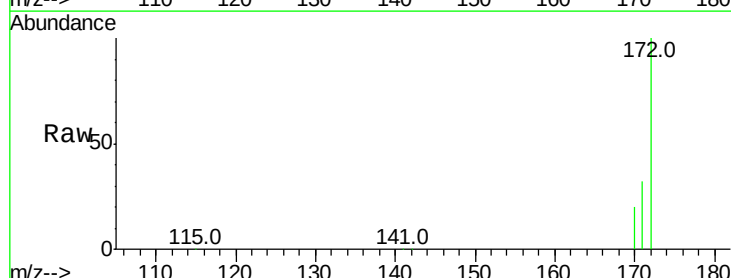
Manual Integrations
 APPROVED

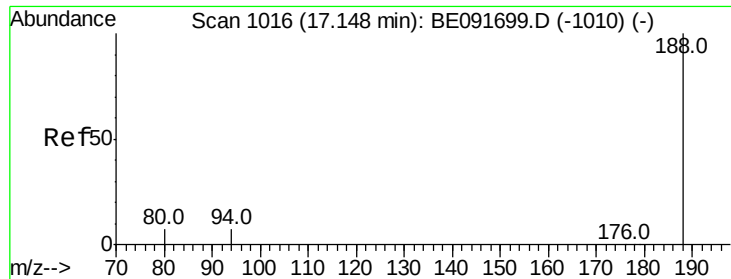
sohil
 5/19/2016 7:03:19 PM



#15
 2-Fluorobiphenyl
 Concen: 3.61 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.9	28.8	43.2
170	19.8	19.3	28.9





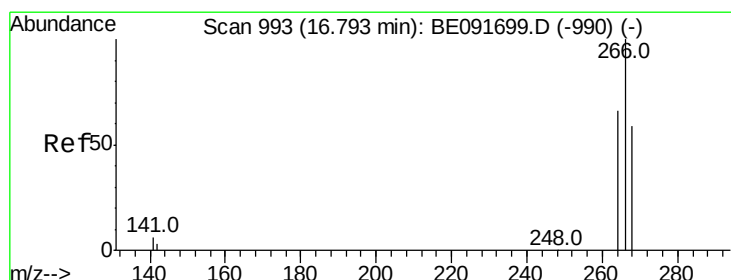
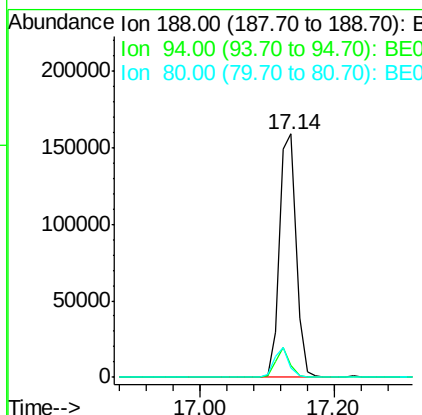
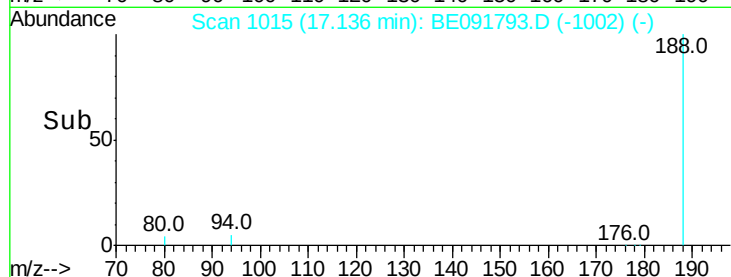
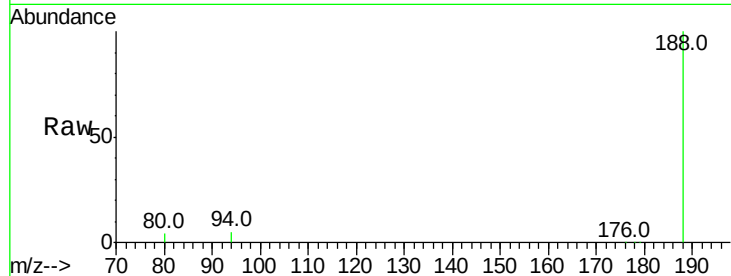
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091793.D
Acq: 18 May 2016 17:51

Instrument :
BNA_E
ClientSampleId :
DUP-0343-160511

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.7	8.7	13.1#
80	3.9	9.4	14.0#

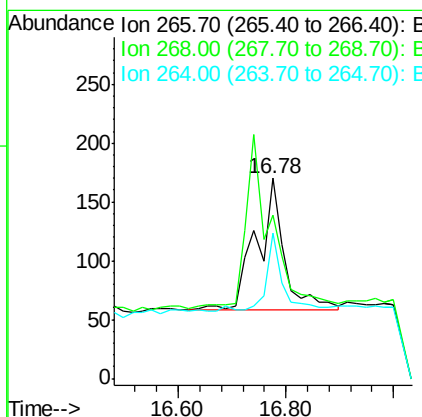
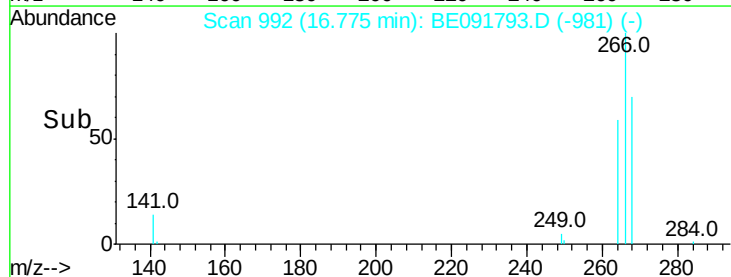
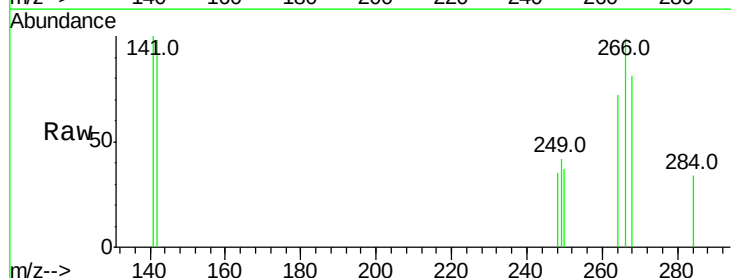
Manual Integrations
APPROVED

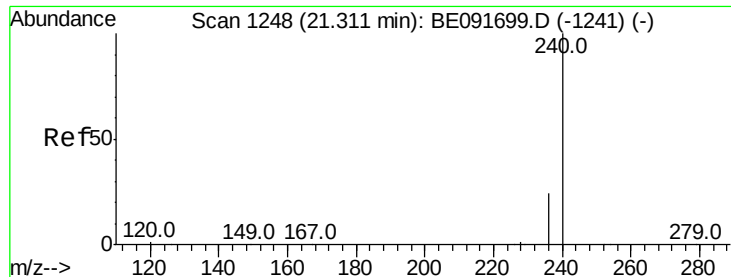
sohil
5/19/2016 7:03:19 PM



#22
Pentachlorophenol
Concen: 0.16 ng
RT: 16.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: BE091793.D
Acq: 18 May 2016 17:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	81.8	58.2	87.2
264	72.4	56.2	84.4





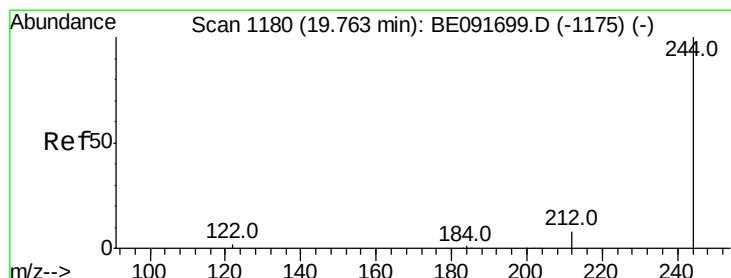
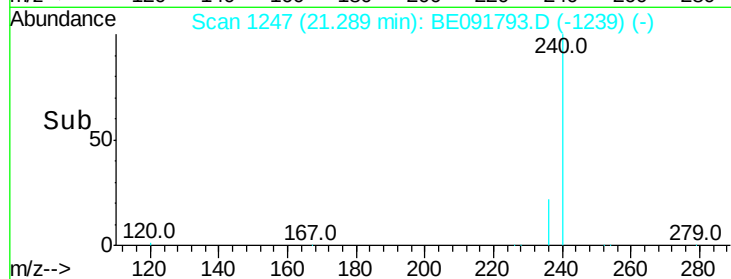
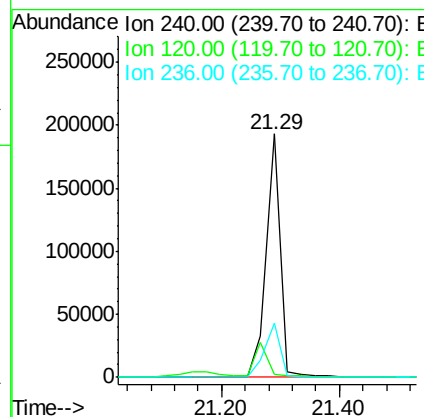
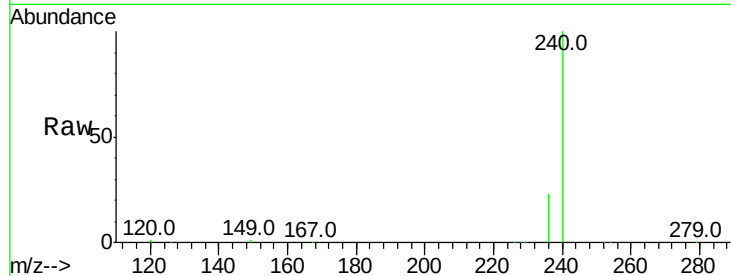
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_E
 ClientSampled :
 DUP-0343-160511

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	22.5	21.7	32.5

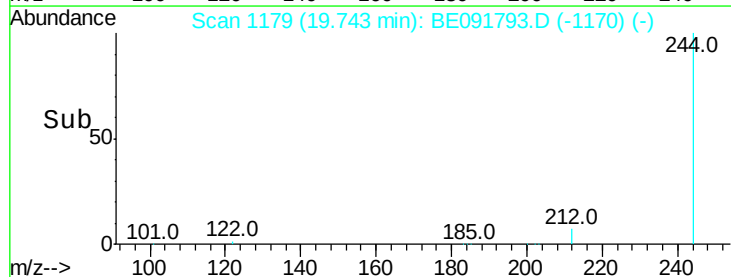
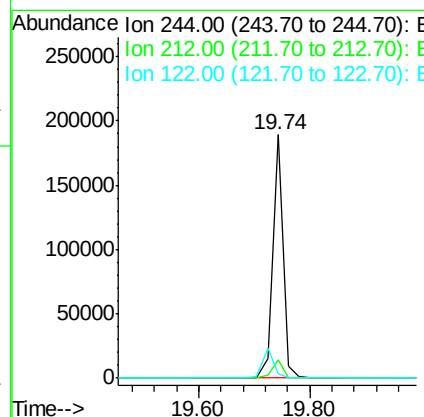
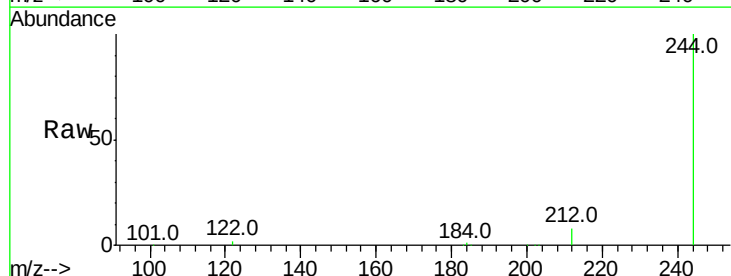
Manual Integrations
 APPROVED

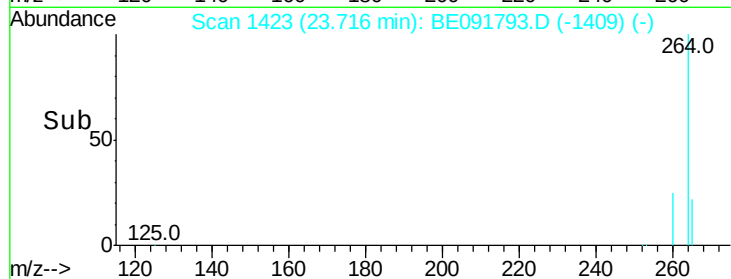
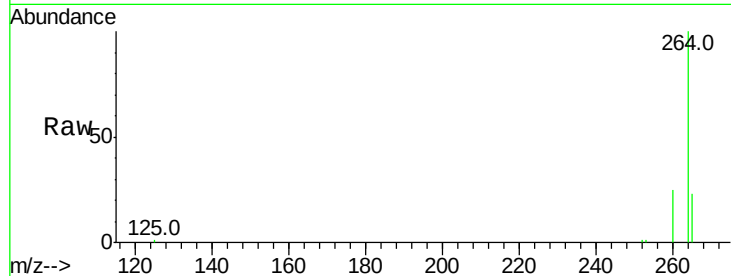
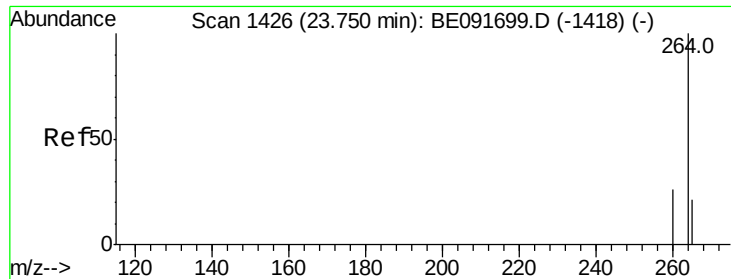
sohil
 5/19/2016 7:03:19 PM



#29
 Terphenyl-d14
 Concen: 4.94 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.9	10.3
122	1.6	11.0	16.4#





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.72 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: BE091793.D
 Acq: 18 May 2016 17:51

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0343-160511

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	20.0	30.0
265	22.9	17.5	26.3

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:03:19 PM

