

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
 Data File : BE091795.D
 Acq On : 18 May 2016 19:06
 Operator : UM/SJ
 Sample : H3065-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-160511

Manual Integrations
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Quant Time: May 19 16:57:24 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	7.79	152	30959	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	162969	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	107675	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	272547	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	310529	5.00	ng	-0.02
35) Perylene-d12	23.74	264	307292	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18908	2.49	ng	0.00
5) Phenol-d6	6.96	99	19423	1.93	ng	0.00
8) Nitrobenzene-d5	8.93	82	37180	3.53	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	39321	9.77	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	113210	3.72	ng	-0.01
29) Terphenyl-d14	19.74	244	222473	4.59	ng	-0.02
Target Compounds						Qvalue
22) Pentachlorophenol	16.79	266	196	0.13	ng	88
25) Fluoranthene	19.19	202	4751	0.07	ng	# 92
28) Pyrene	19.55	202	7773	0.11	ng	95

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

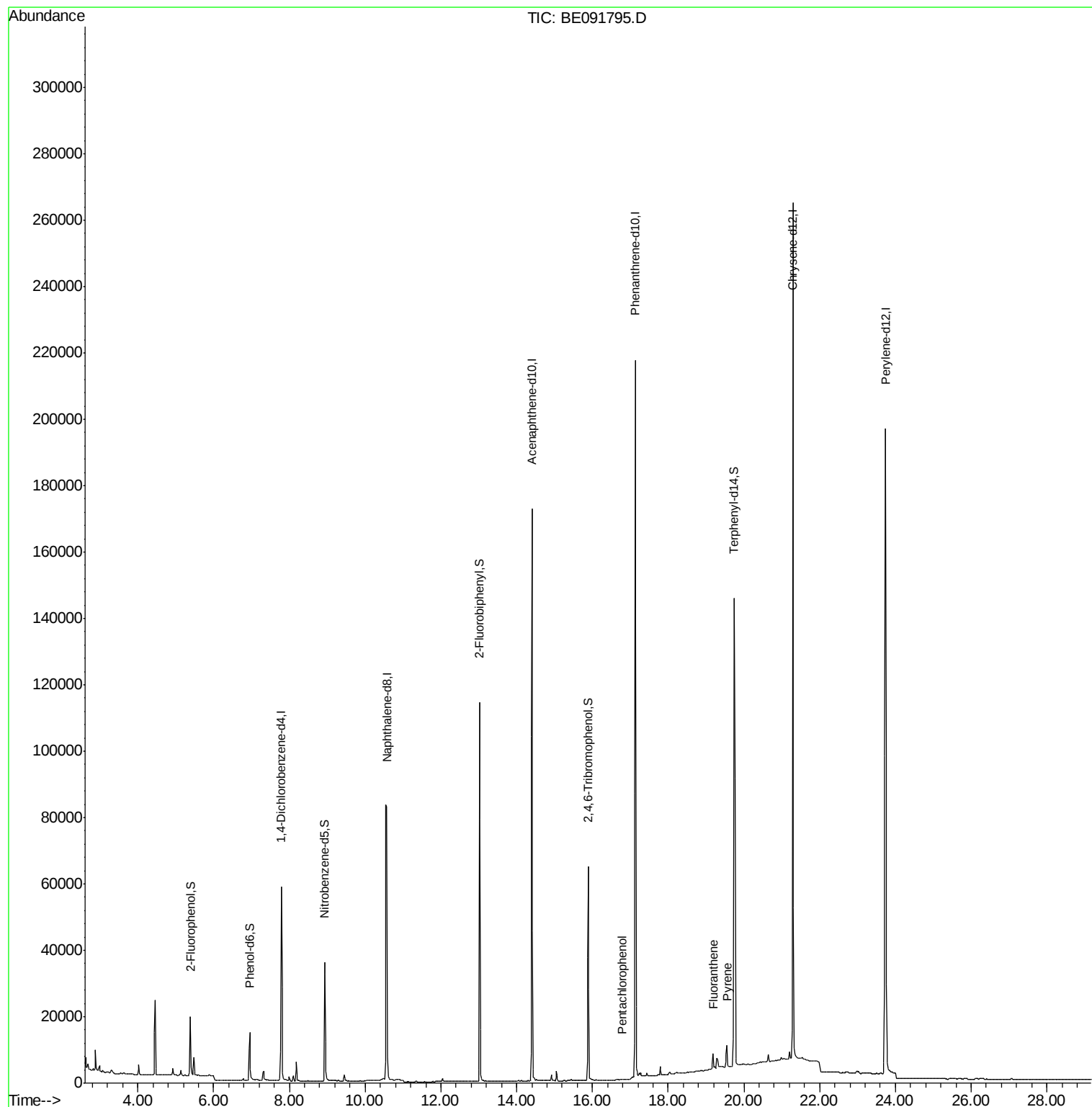
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051816\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

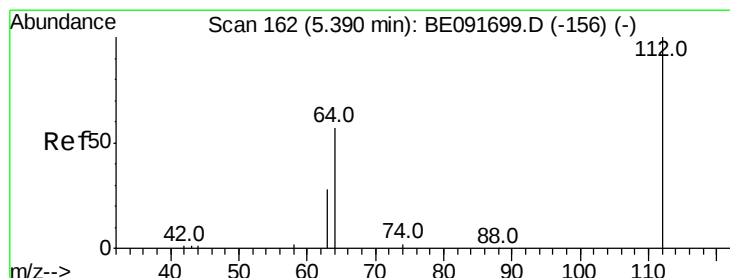
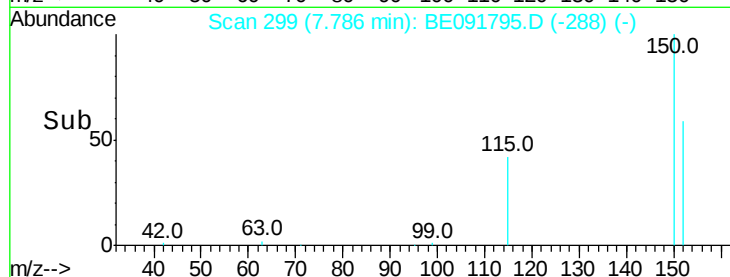
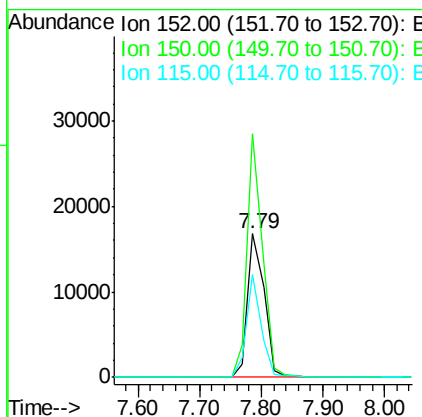
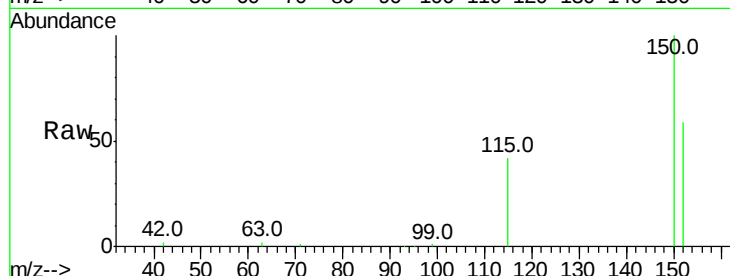
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Tot Ion:	152	Resp:	30959
Ion	Ratio	Lower	Upper
152	100		
150	169.7	122.6	183.8
115	71.7	52.8	79.2



#4

2-Fluorophenol

Concen: 2.49 ng

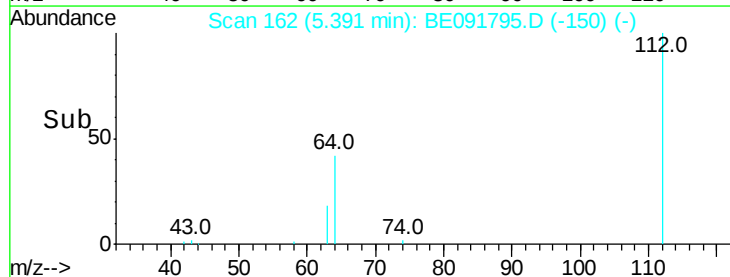
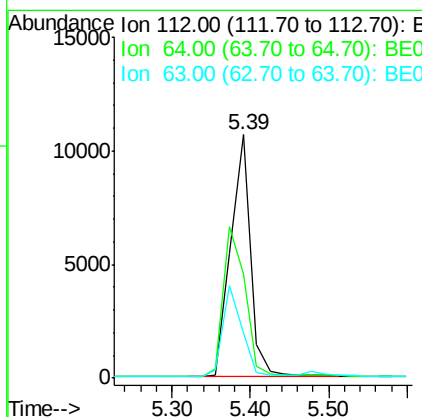
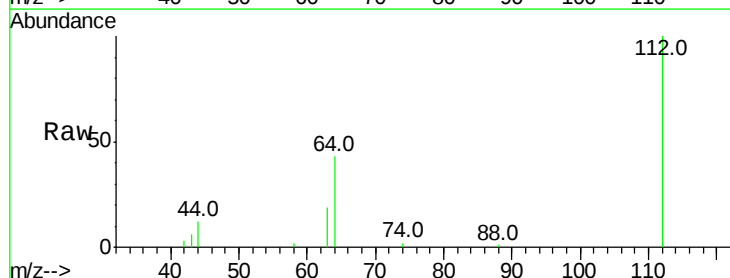
RT: 5.39 min Scan# 162

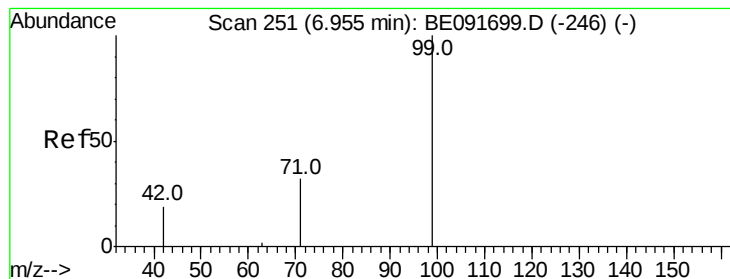
Delta R.T. 0.00 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Tgt Ion:	112	Resp:	18908
Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	35.5	16.7	25.1#





#5

Phenol-d6

Concen: 1.93 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Instrument :

BNA_E

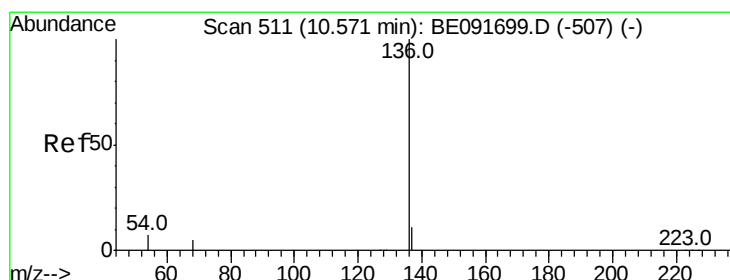
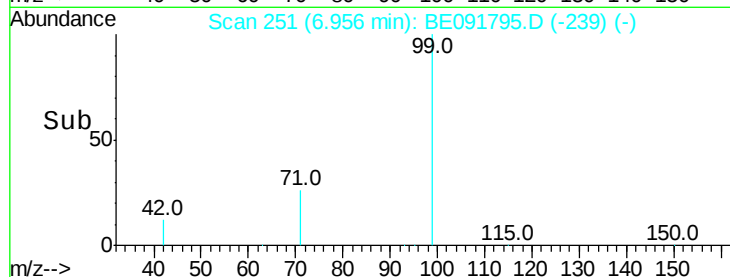
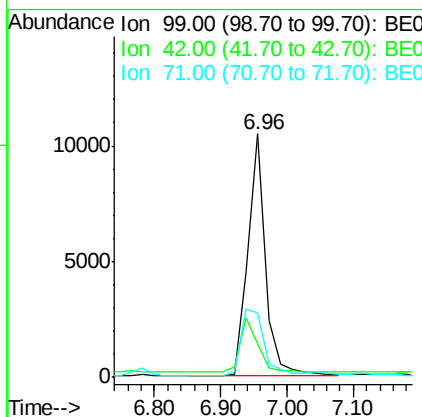
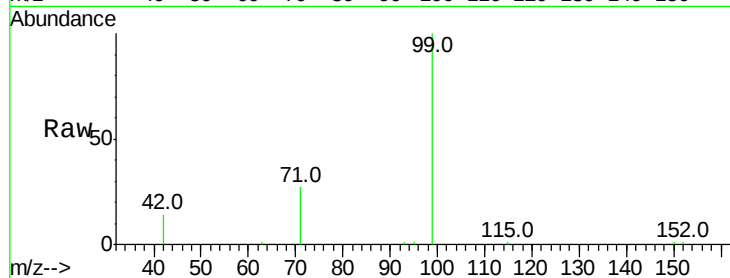
ClientSampleId :

LF017MW005-160511

Tot Ion:	99	Resp:	19423
Ion Ratio	Lower	Upper	
99	100		
42	22.4	16.2	24.2
71	37.7	29.0	43.4

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#7

Naphthalene-d8

Concen: 5.00 ng

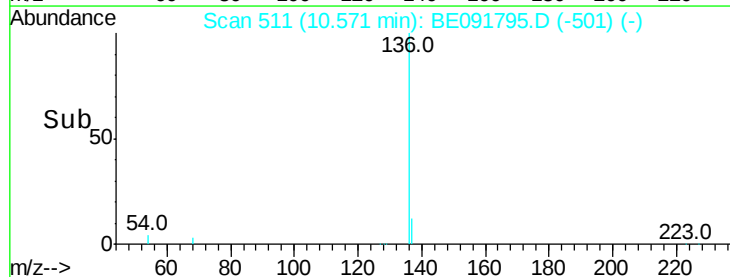
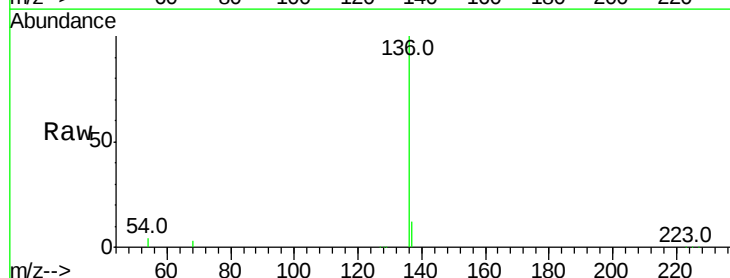
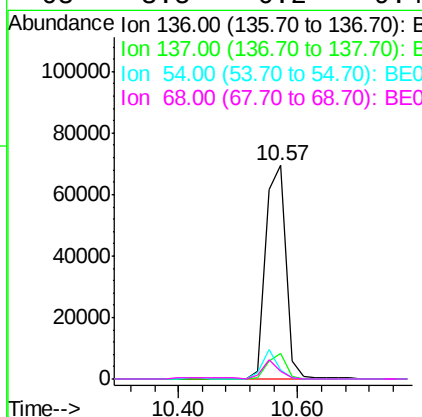
RT: 10.57 min Scan# 511

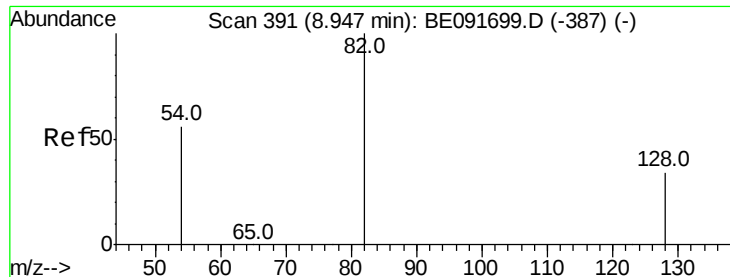
Delta R.T. -0.00 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Tgt Ion:	136	Resp:	162969
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.9	13.3
54	3.9	8.2	12.4#
68	3.5	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 3.53 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Instrument :

BNA_E

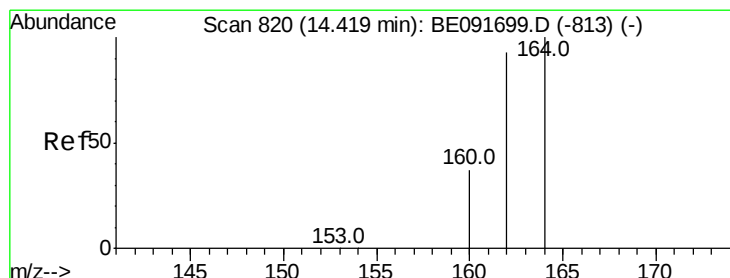
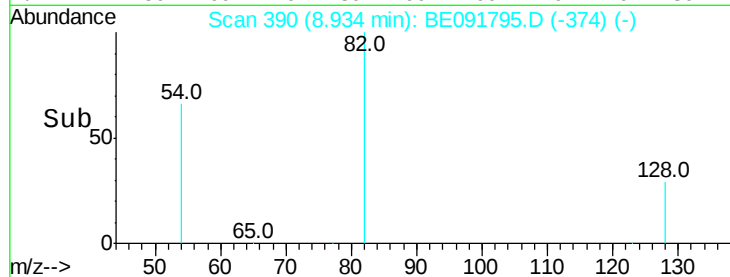
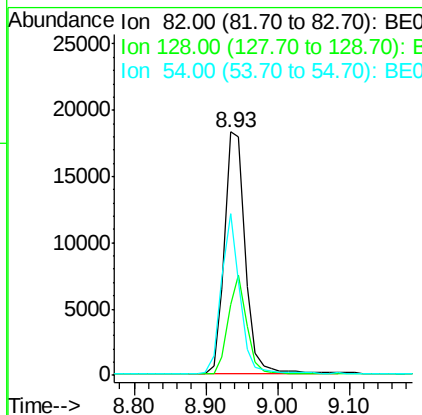
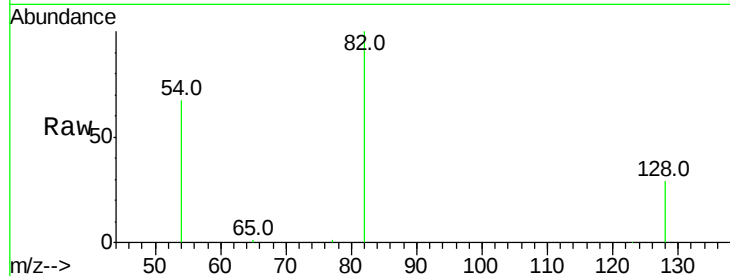
ClientSampleId :

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Tot Ion:	82	Resp:	37180
Ion Ratio	Lower	Upper	
82	100		
128	29.3	25.4	38.0
54	66.7	48.4	72.6

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#13

Acenaphthene-d10

Concen: 5.00 ng

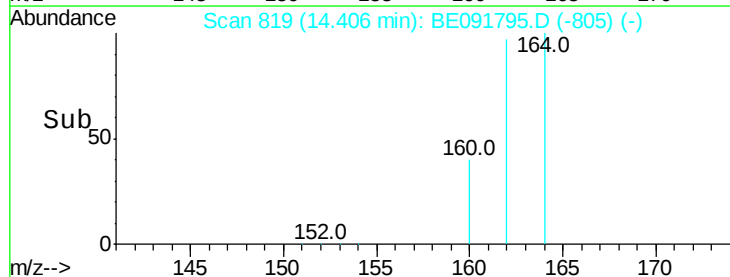
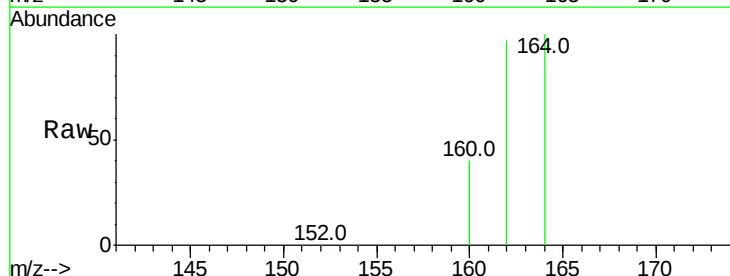
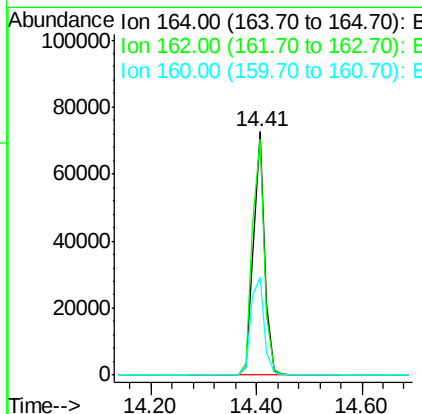
RT: 14.41 min Scan# 819

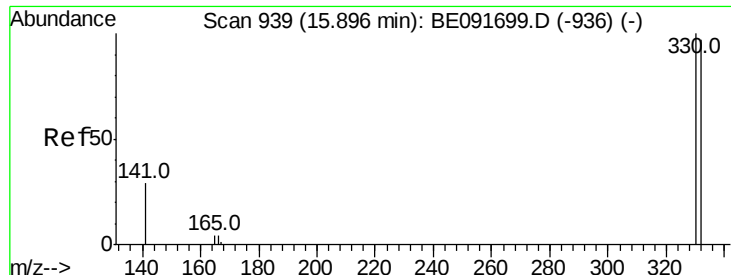
Delta R.T. -0.01 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Tgt Ion:	164	Resp:	107675
Ion Ratio	Lower	Upper	
164	100		
162	96.9	85.3	127.9
160	40.2	46.2	69.2#





#14

2,4,6-Tribromophenol

Concen: 9.77 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

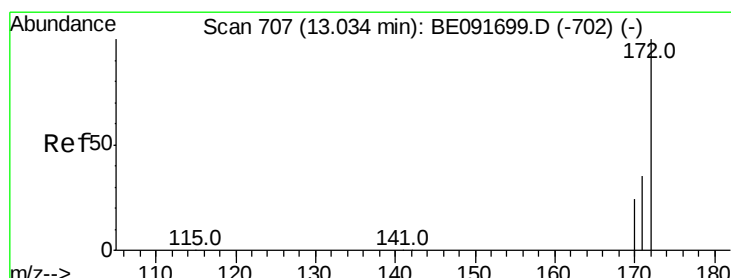
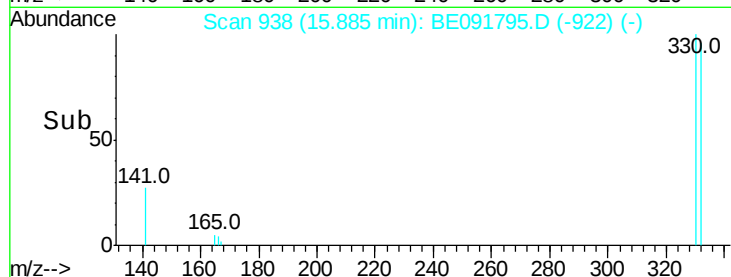
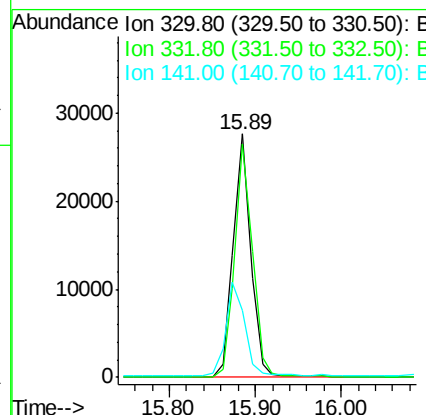
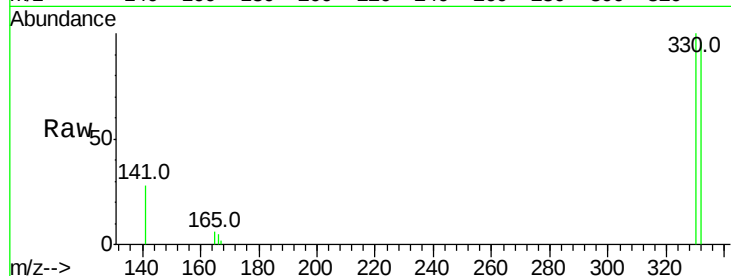
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Tot Ion:	330	Resp:	39321
Ion Ratio	Lower	Upper	
330	100		
332	96.7	79.1	118.7
141	41.2	125.4	188.0#



#15

2-Fluorobiphenyl

Concen: 3.72 ng

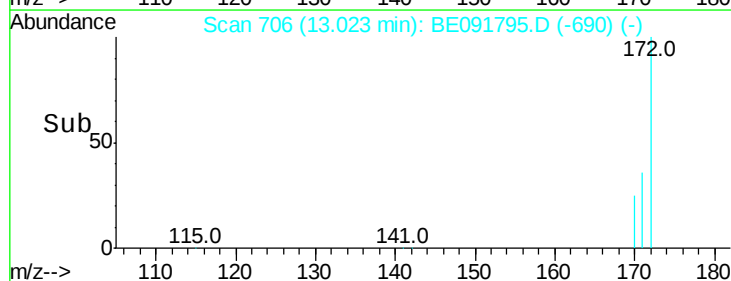
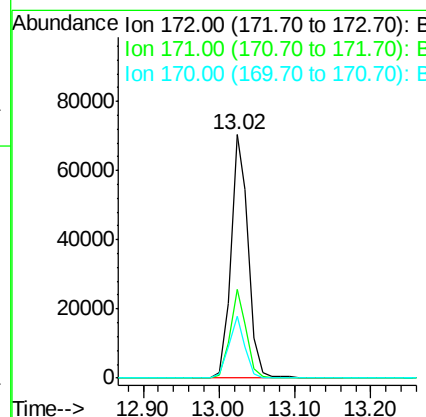
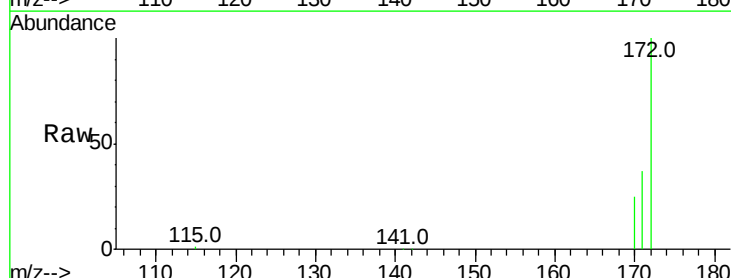
RT: 13.02 min Scan# 706

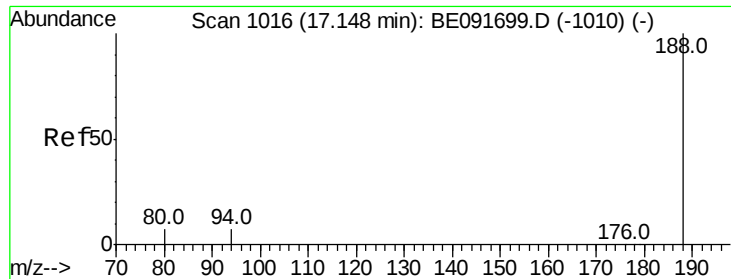
Delta R.T. -0.01 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Tgt Ion:	172	Resp:	113210
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.8	43.2
170	25.5	19.3	28.9





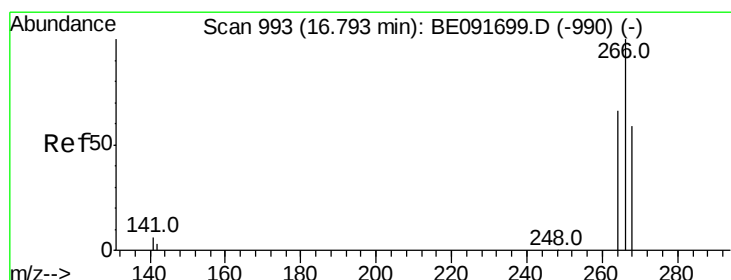
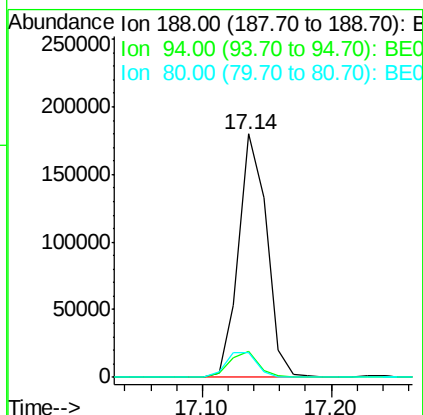
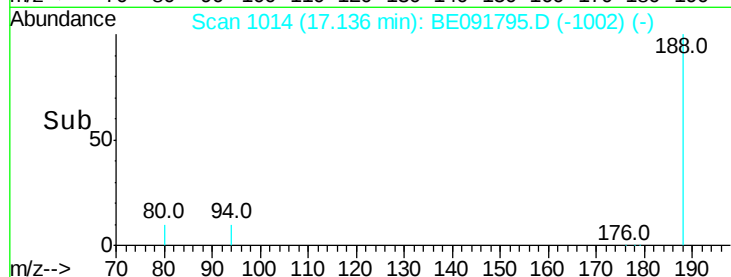
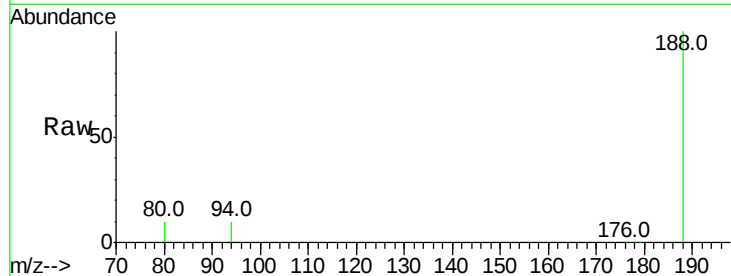
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE091795.D
Acq: 18 May 2016 19:06

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	272547		
94	10.5		8.7	13.1
80	10.0		9.4	14.0

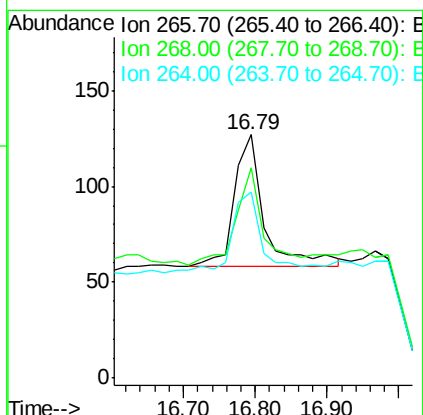
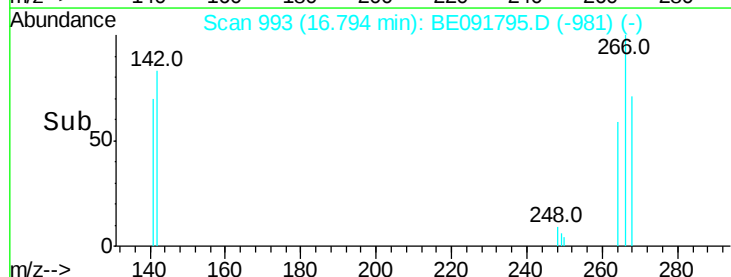
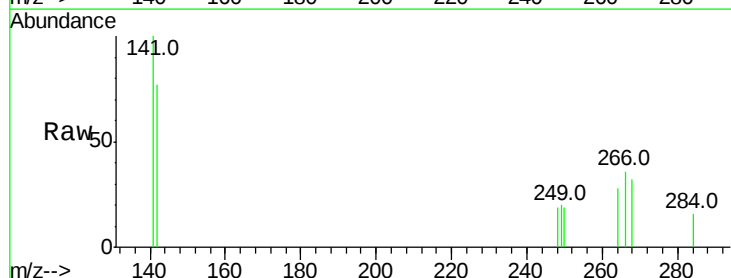
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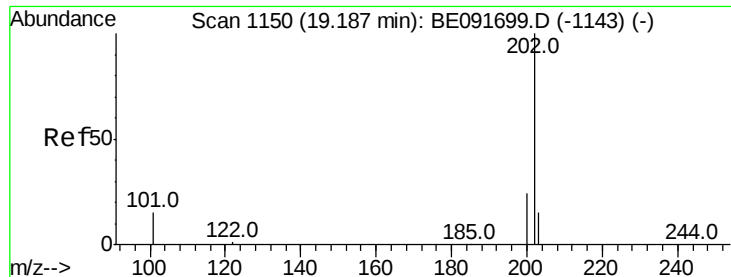
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#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091795.D
Acq: 18 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	196		
268	86.6		58.2	87.2
264	76.4		56.2	84.4





#25

Fluoranthene

Concen: 0.07 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Instrument :

BNA_E

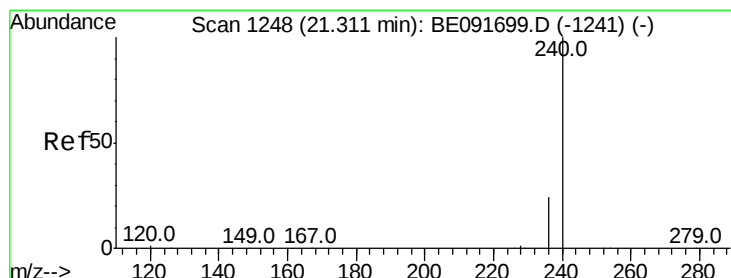
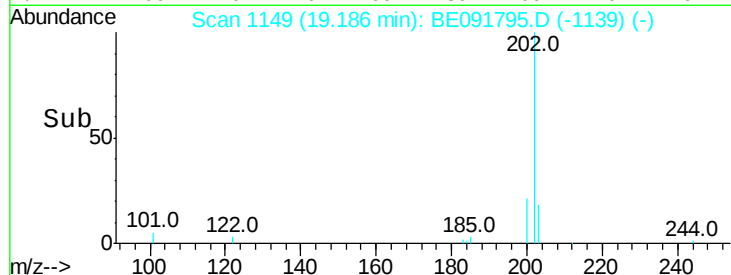
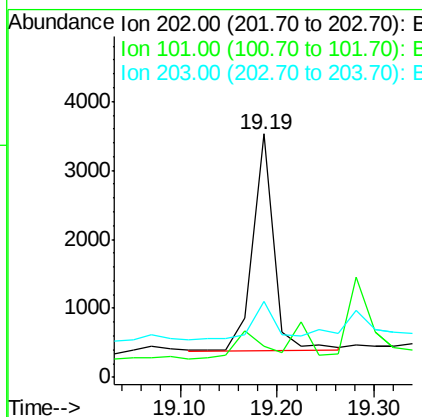
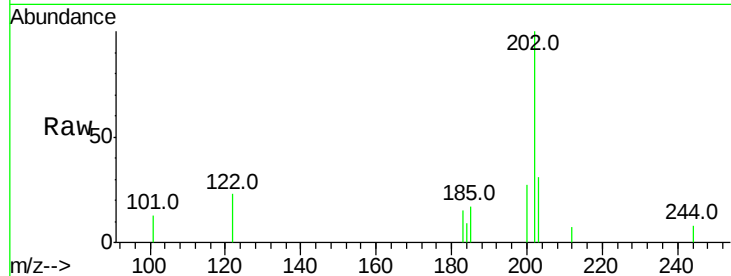
ClientSampleId :

LF017MW005-160511

Tot Ion:	202	Resp:	4751
Ion Ratio	Lower	Upper	
202	100		
101	17.7	11.0	16.6#
203	20.1	13.9	20.9

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#26

Chrysene-d12

Concen: 5.00 ng

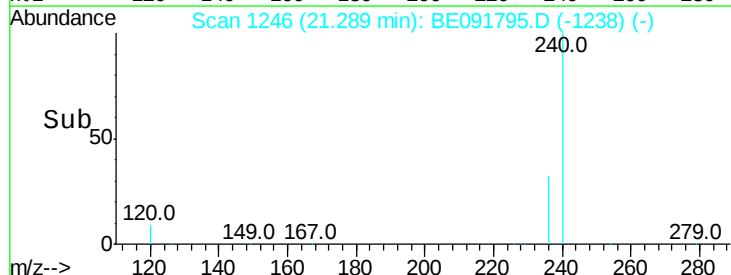
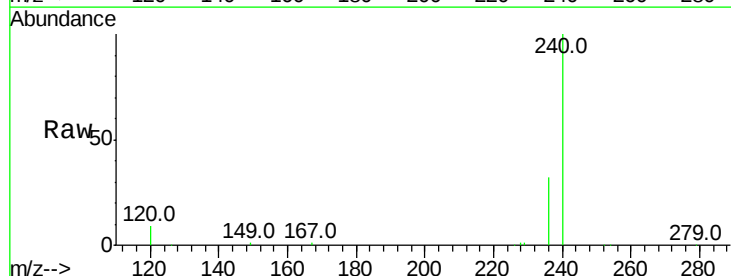
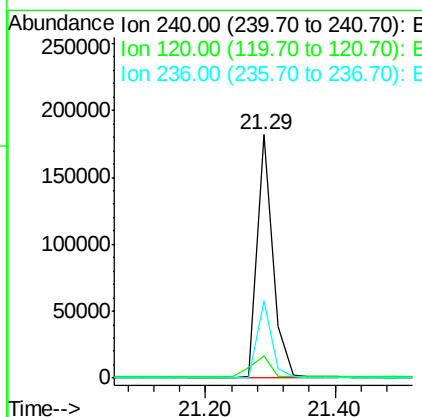
RT: 21.29 min Scan# 1246

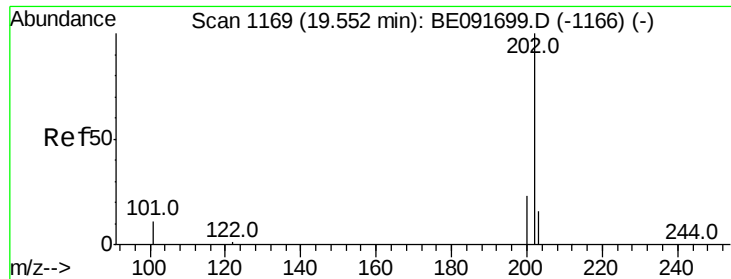
Delta R.T. -0.02 min

Lab File: BE091795.D

Acq: 18 May 2016 19:06

Tgt Ion:	240	Resp:	310529
Ion Ratio	Lower	Upper	
240	100		
120	9.3	11.0	16.4#
236	31.9	21.7	32.5





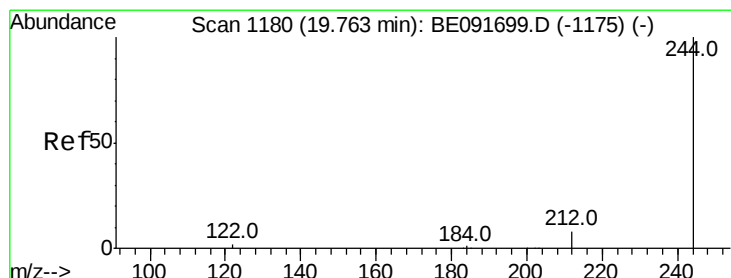
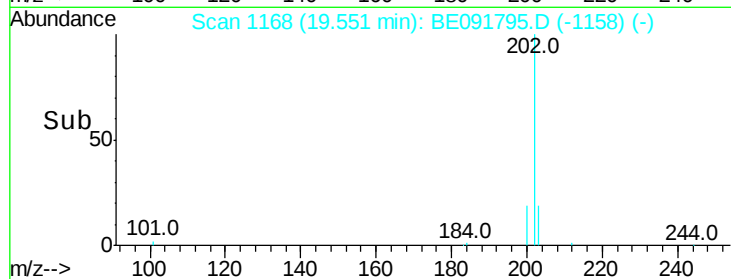
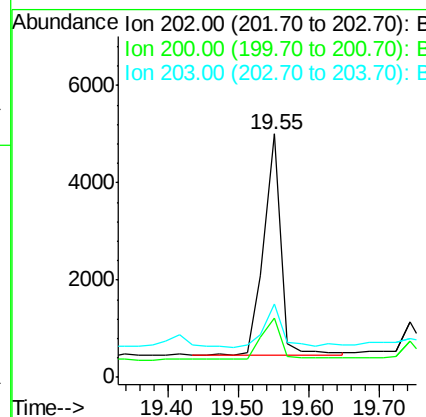
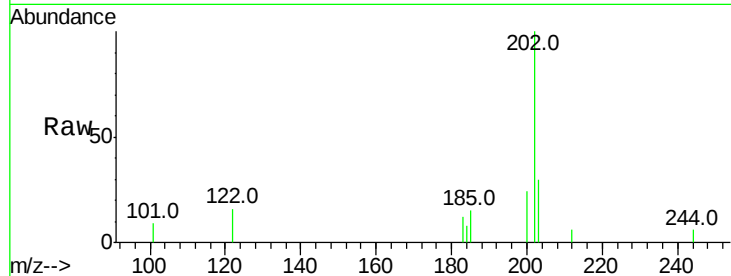
#28
Pvrene
Concen: 0.11 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091795.D
Acq: 18 May 2016 19:06

Instrument :
BNA_E
ClientSampleId :
LF017MW005-160511

Tot Ion	Ratio	Resp	Lower	Upper
202	100	7773		
200	22.5		16.8	25.2
203	20.2		14.0	21.0

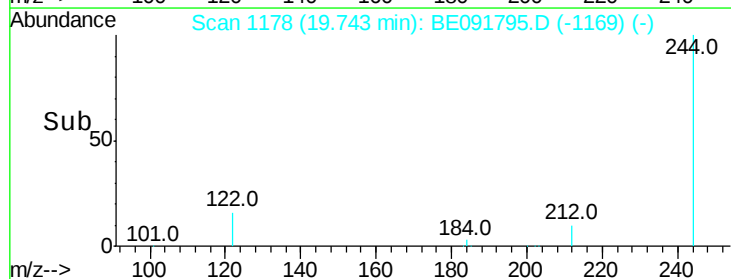
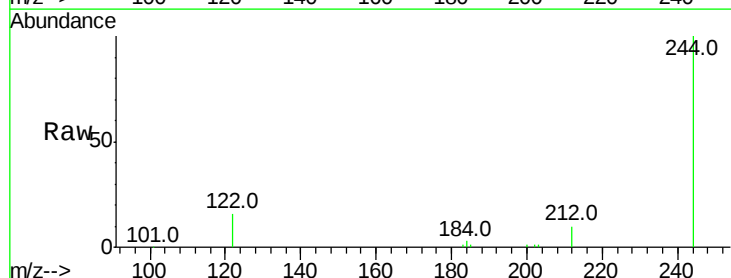
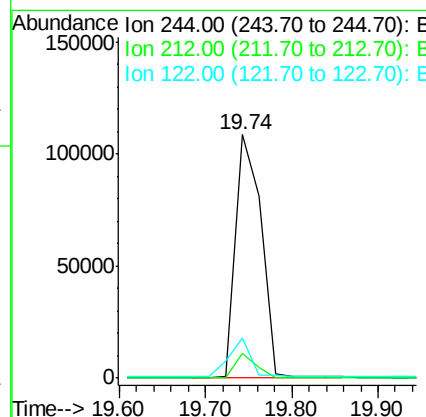
Manual Integrations
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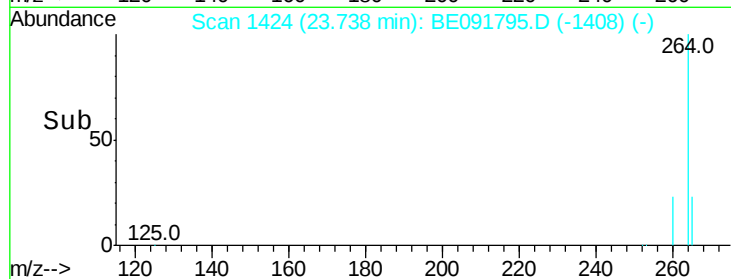
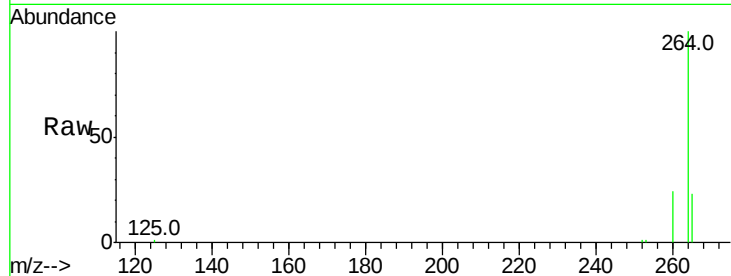
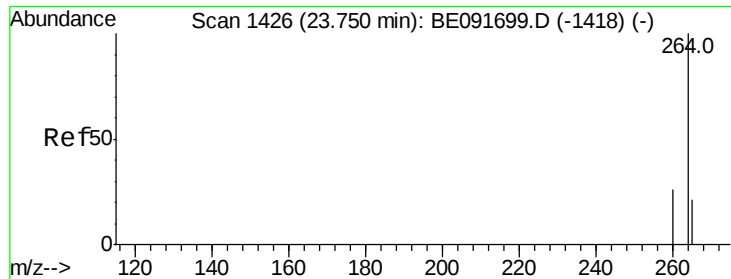
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#29
Terphenyl-d14
Concen: 4.59 ng
RT: 19.74 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BE091795.D
Acq: 18 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	222473		
212	10.0		6.9	10.3
122	16.3		11.0	16.4





#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BE091795.D
Acq: 18 May 2016 19:06

Instrument :
BNA_E
ClientSampleId :
LF017MW005-160511

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.0	30.0
265	23.2	17.5	26.3

Manual Integrations
APPROVED

sohil
5/19/2016 7:03:04 PM

