

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091417\
 Data File : BE094000.D
 Acq On : 14 Sep 2017 11:40
 Operator : SJ/JU
 Sample : I5196-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061

Manual Integrations
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Sohil
 9/18/2017 3:31:03 PM

Quant Time: Sep 15 01:13:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2262	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11345	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7841	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	17713	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	15361	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12378	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1591	0.22	ng	0.00
5) Phenol-d6	7.11	99	1456	0.13	ng	0.00
8) Nitrobenzene-d5	9.06	82	4737	0.49	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	8399	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	16.00	330	880	0.36	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	12683	0.41	ng	-0.01
25) Fluoranthene-d10	19.28	212	94359	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	19848	0.70	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.76	128	5516	0.042	ng	# 83
12) 2-Methylnaphthalene	12.36	142	816	0.038	ng	# 85
17) Acenaphthene	14.58	154	1498	0.057	ng	# 67
18) Fluorene	15.56	166	3431	0.101	ng	# 78
22) Pentachlorophenol	16.91	266	280217	99.756	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.30	149	37522	0.328	ng	100

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

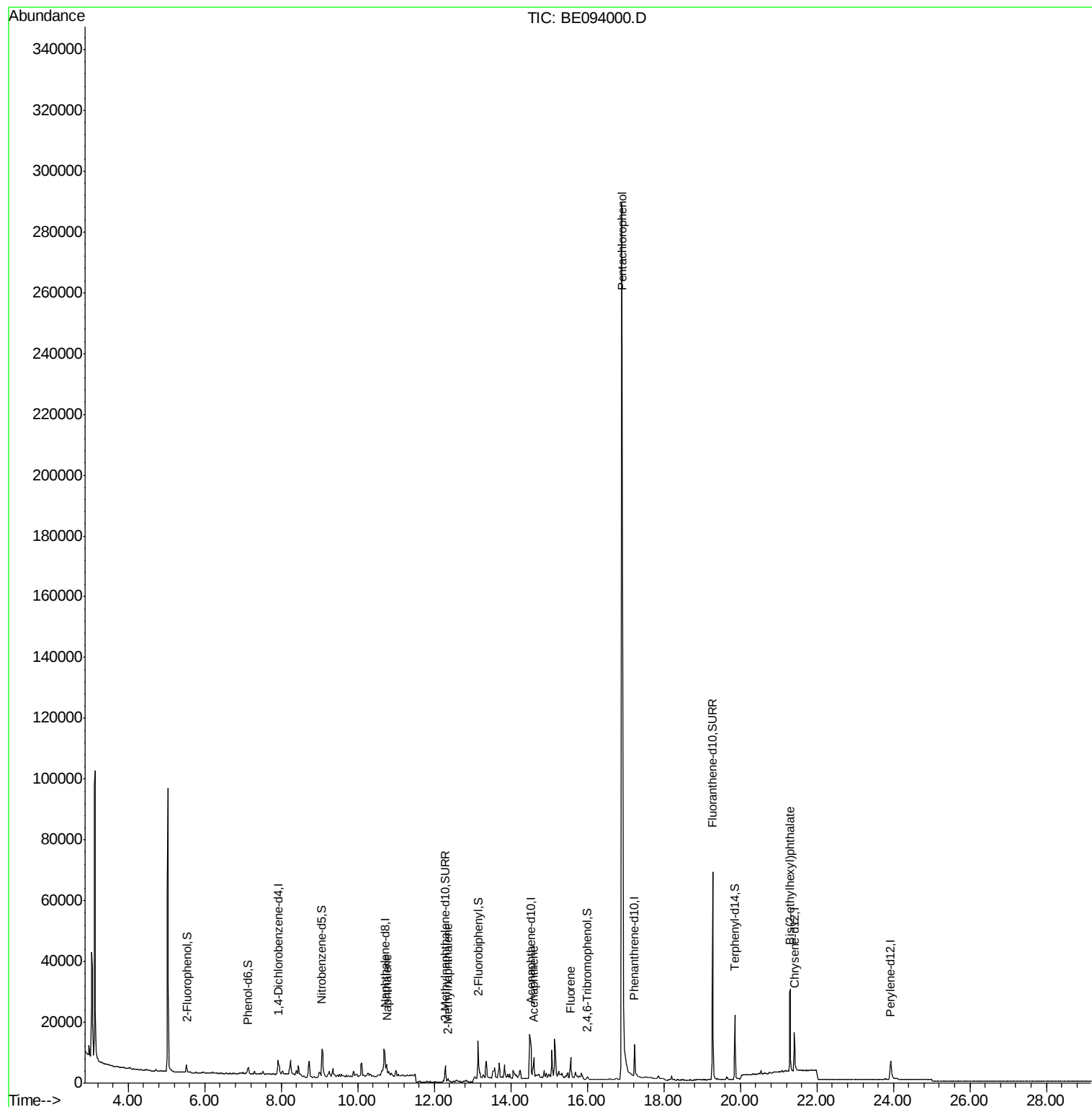
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091417\
Data File : BE094000.D
Acq On : 14 Sep 2017 11:40
Operator : SJ/JU
Sample : I5196-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

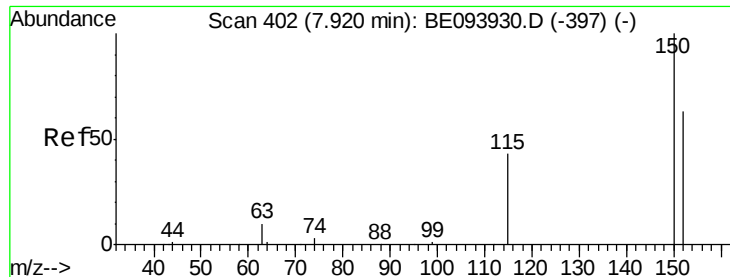
Instrument :
BNA_E
ClientSampleId :
CPS093061

Manual Integrations
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Quant Time: Sep 15 01:13:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

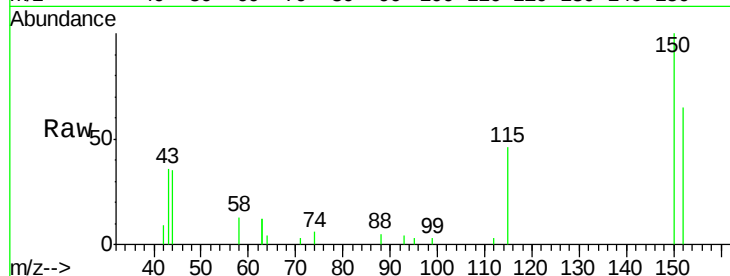




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094000.D
Acq: 14 Sep 2017 11:40

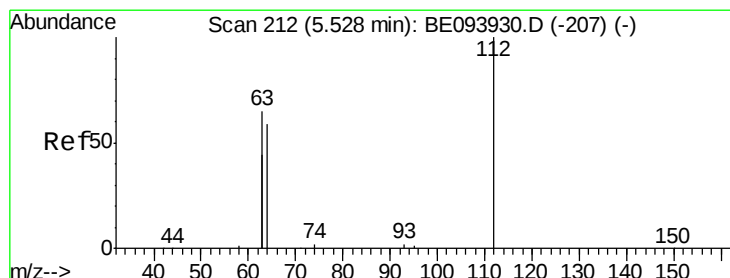
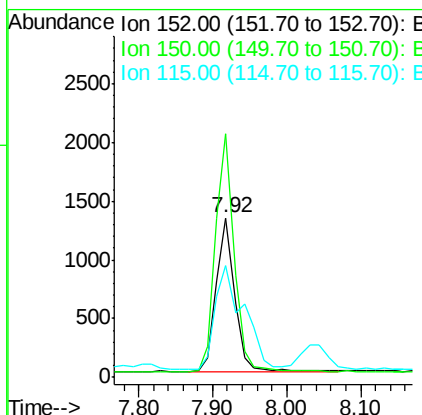
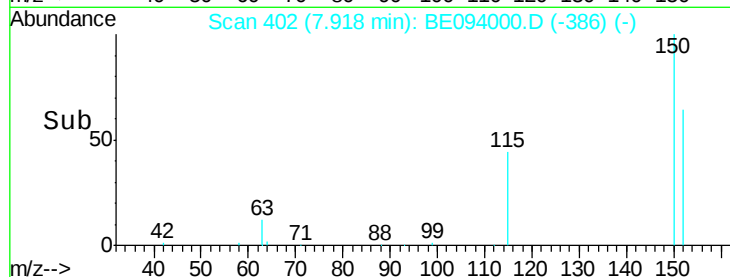
Instrument :
BNA_E
ClientSampled :
CPS093061



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.8	182.6
115	70.2	52.6	79.0

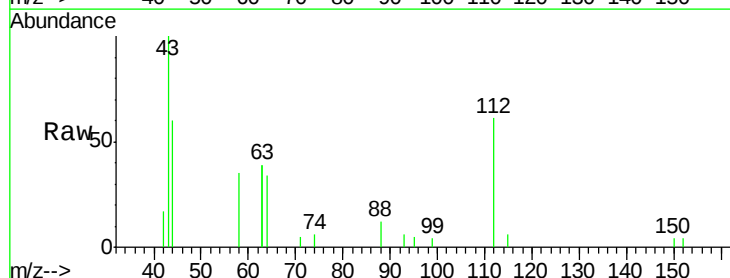
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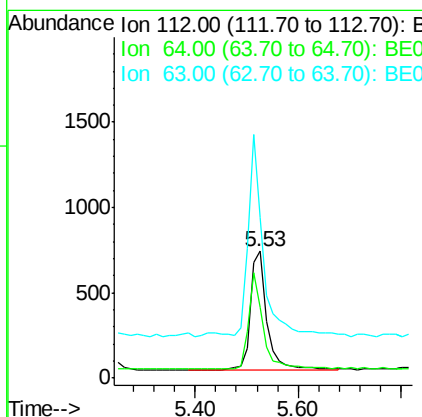
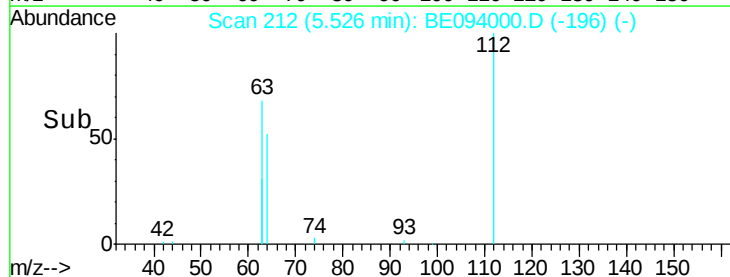


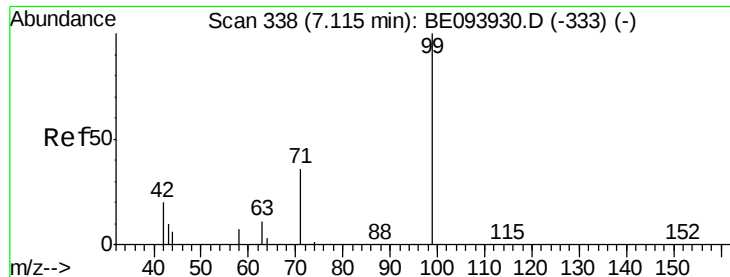
#4

2-Fluorophenol
Concen: 0.217 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094000.D
Acq: 14 Sep 2017 11:40



Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.7	86.5
63	146.8	116.0	174.0





#5

Phenol-d6

Concen: 0.133 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Instrument :

BNA_E

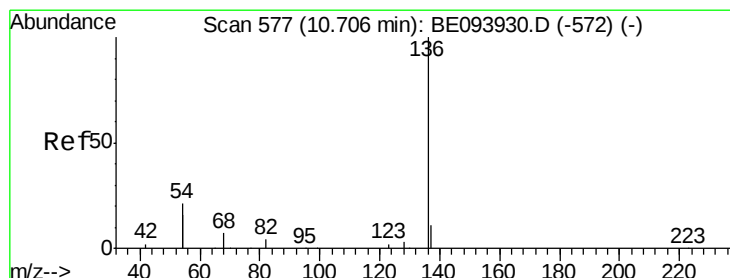
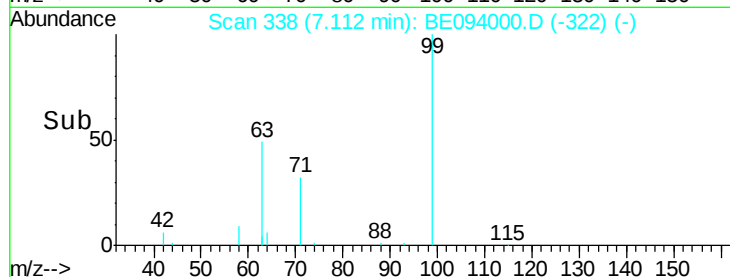
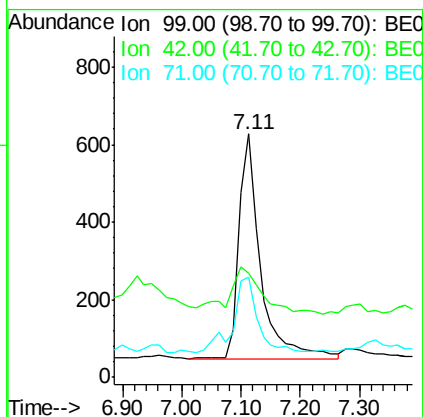
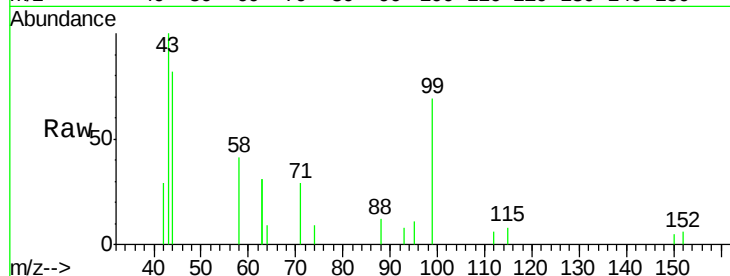
ClientSampleId :

CPS093061

Tgt Ion:	99	Resp:	1456
Ion Ratio	Lower	Upper	
99	100		
42	31.5	17.1	25.7#
71	38.4	26.6	39.8

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#7

Naphthalene-d8

Concen: 0.400 ng

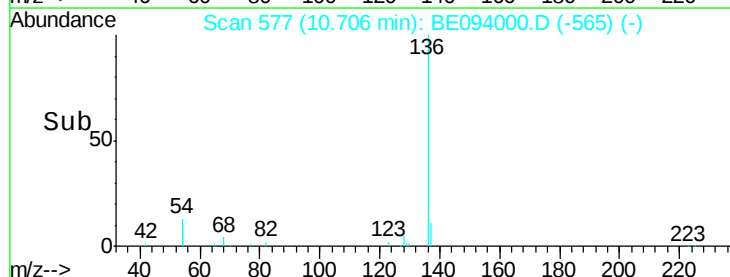
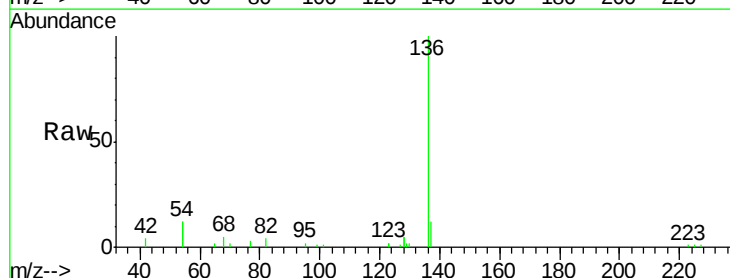
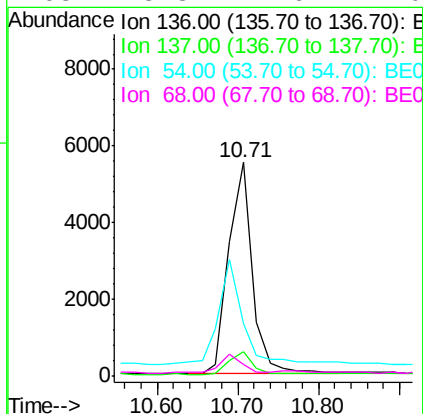
RT: 10.71 min Scan# 577

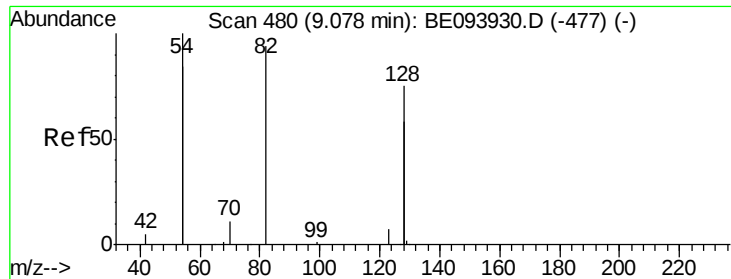
Delta R.T. 0.00 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Tgt Ion:	136	Resp:	11345
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	24.8	21.9	32.9
68	5.3	4.6	7.0





#8

Nitrobenzene-d5

Concen: 0.494 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Instrument :

BNA_E

ClientSampleId :

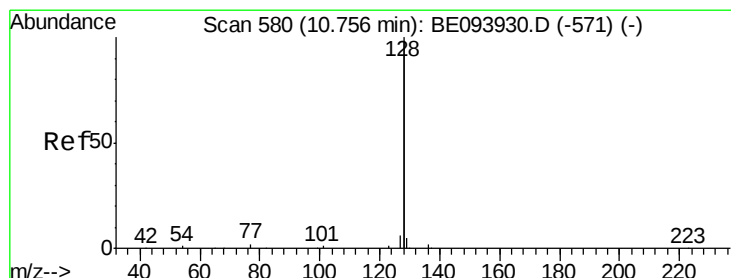
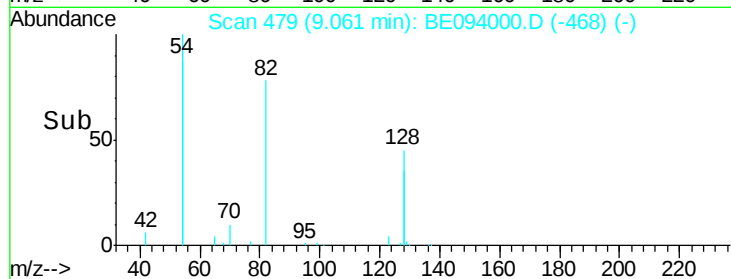
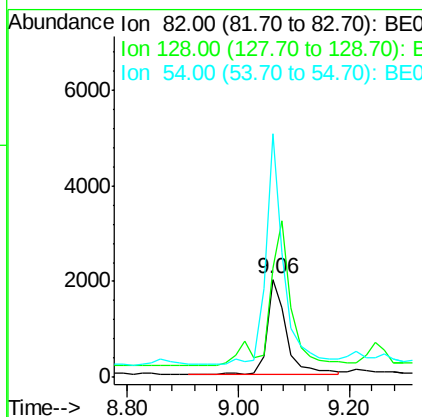
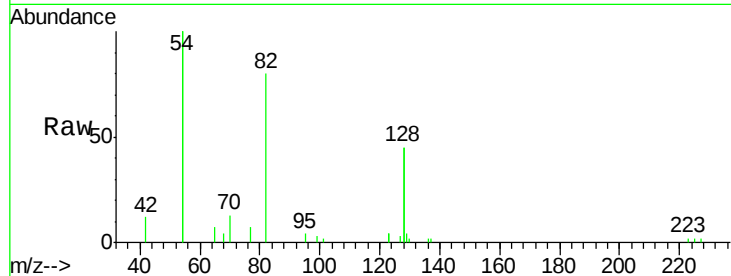
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	111.3	91.4	137.0
54	249.0	197.8	296.8

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#9

Naphthalene

Concen: 0.042 ng

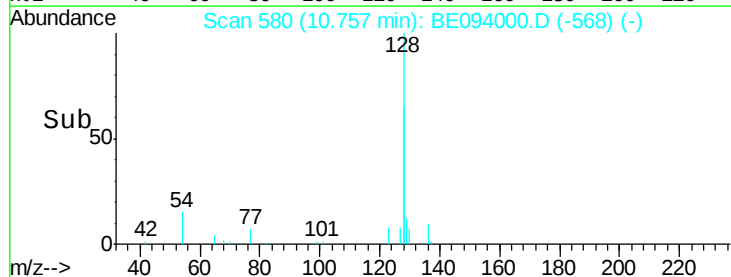
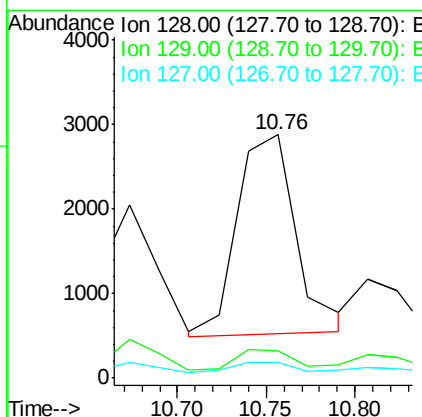
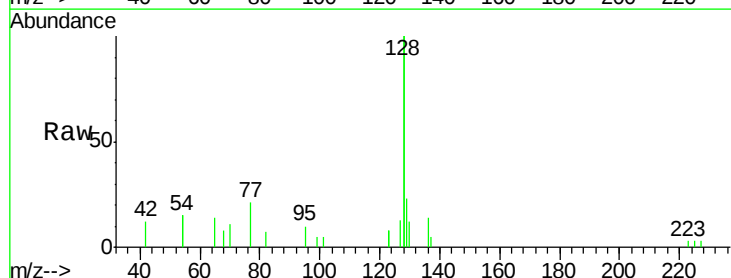
RT: 10.76 min Scan# 580

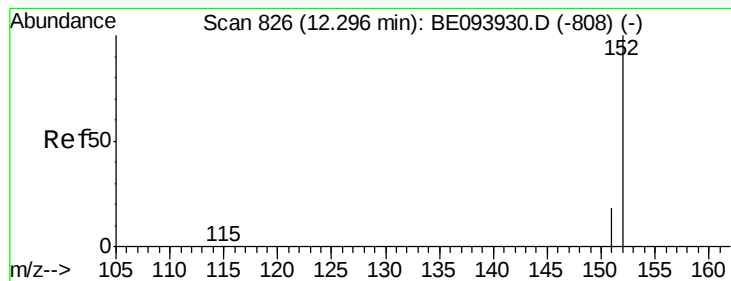
Delta R.T. 0.00 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	2.5	3.7#
127	6.5	2.6	4.0#





#11

2-Methylnaphthalene-d10

Concen: 0.463 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Instrument :

BNA_E

ClientSampled :

CPS093061

Tgt Ion:152 Resp: 8399

Ion Ratio Lower Upper

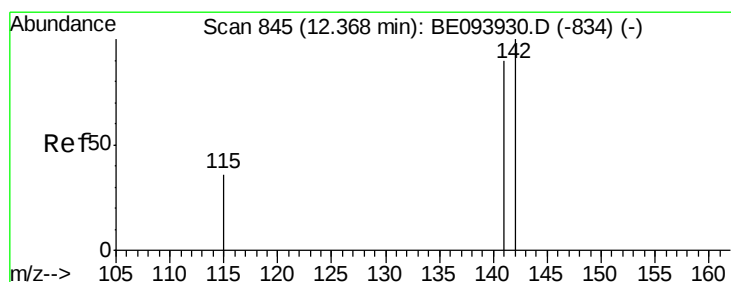
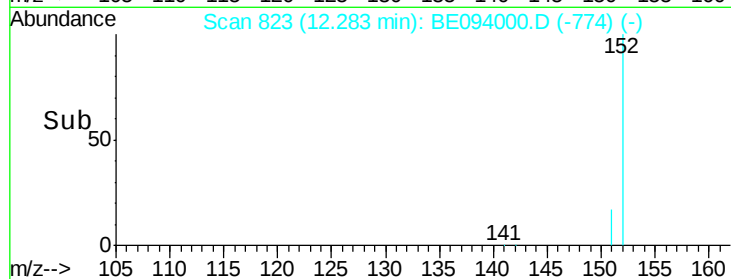
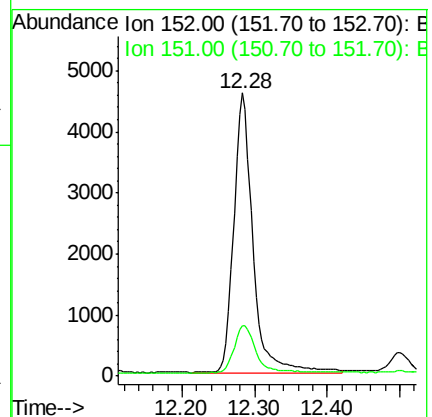
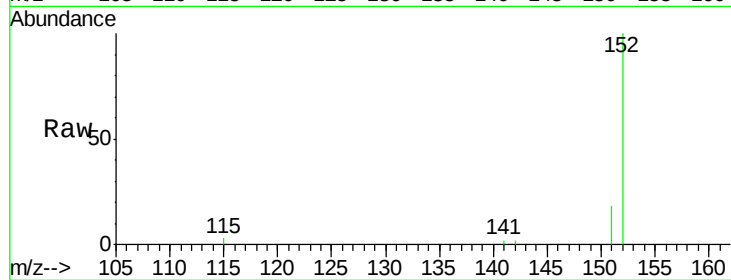
152 100

151 19.0 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 0.038 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.01 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

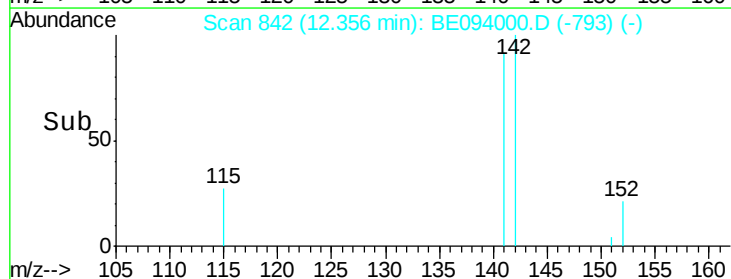
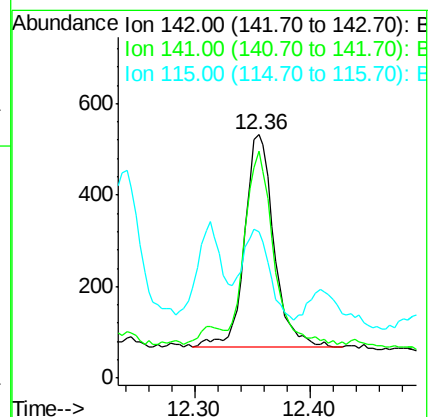
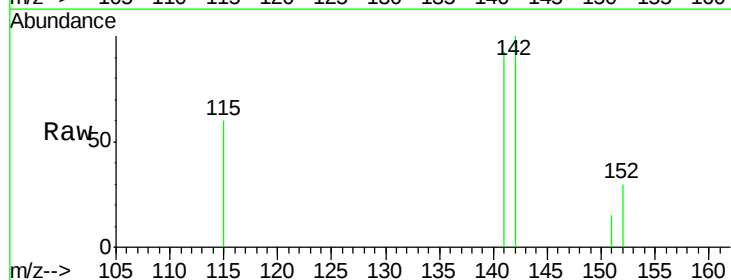
Tgt Ion:142 Resp: 816

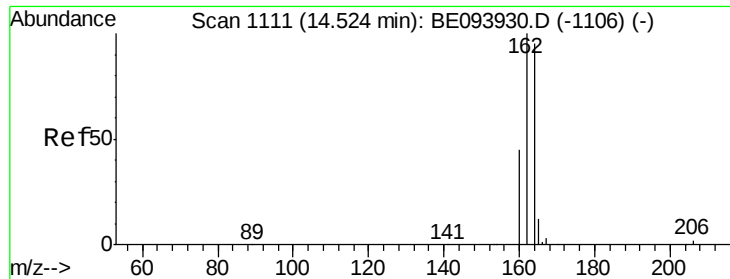
Ion Ratio Lower Upper

142 100

141 93.4 71.4 107.2

115 60.3 29.4 44.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Instrument :

BNA_E

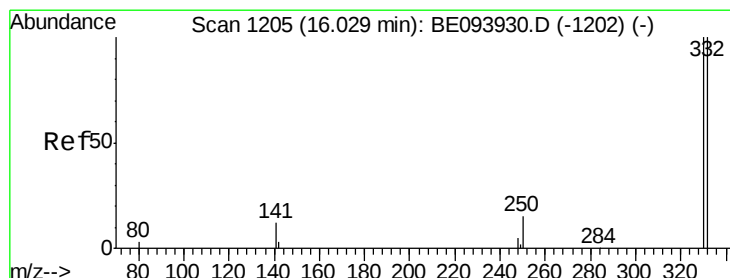
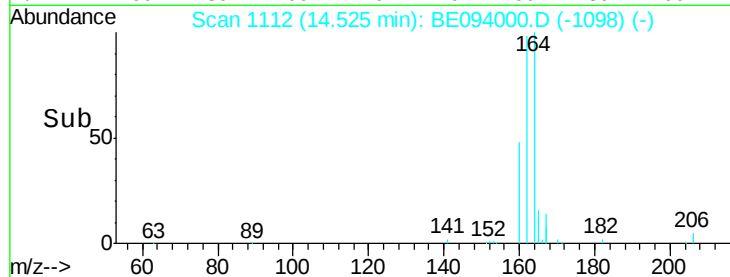
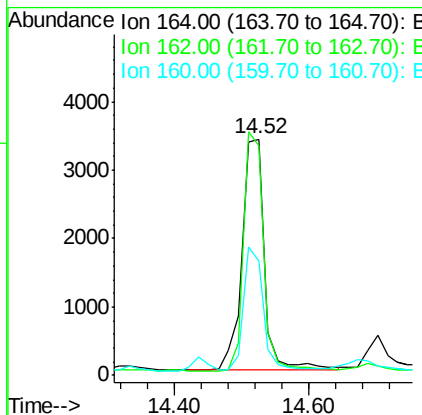
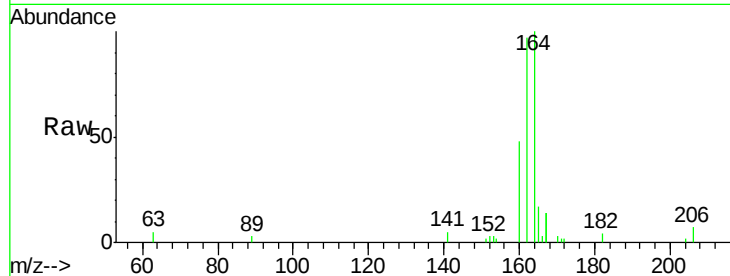
ClientSampleId :

CPS093061

Tgt Ion:	164	Resp:	7841
Ion Ratio	Lower	Upper	
164	100		
162	97.0	80.8	121.2
160	48.3	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.362 ng

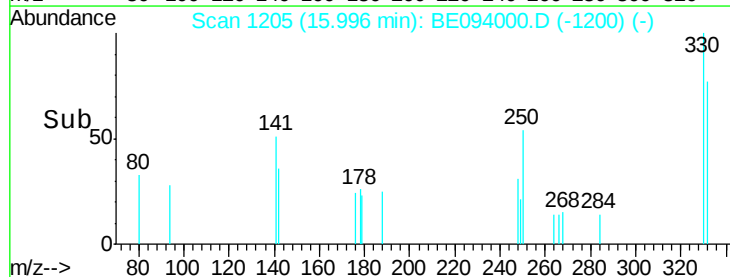
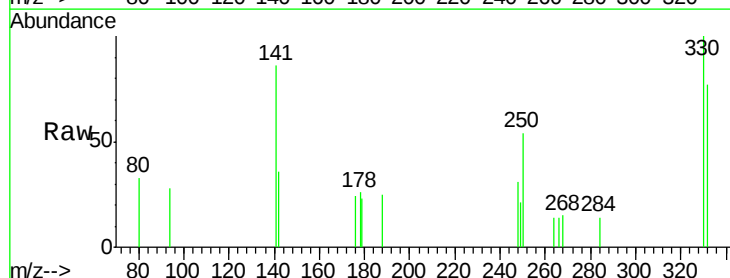
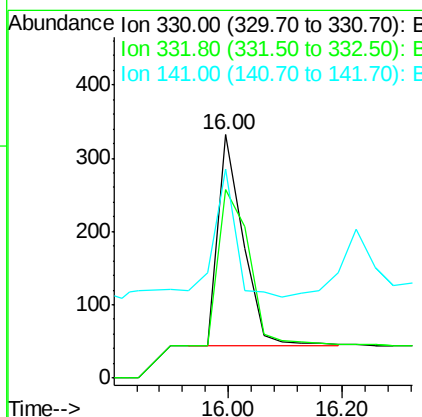
RT: 16.00 min Scan# 1205

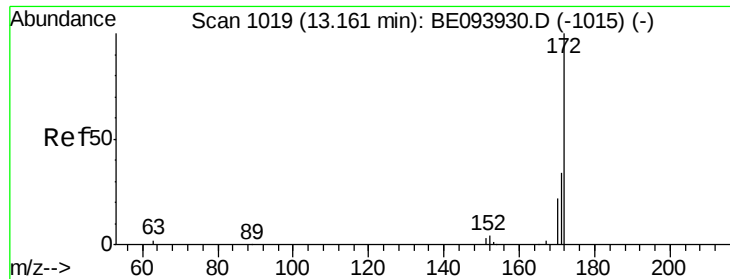
Delta R.T. -0.03 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Tgt Ion:	330	Resp:	880
Ion Ratio	Lower	Upper	
330	100		
332	90.7	76.9	115.3
141	50.2	0.0	0.0#





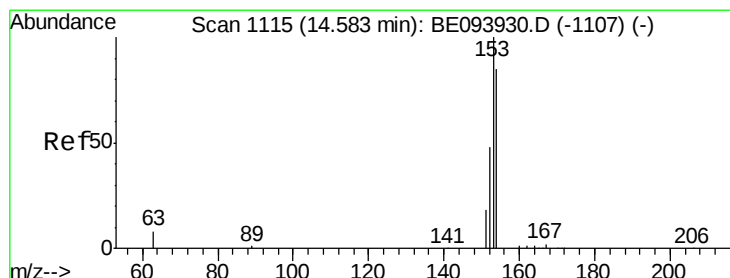
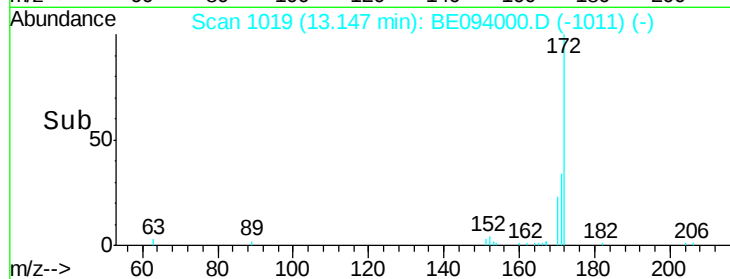
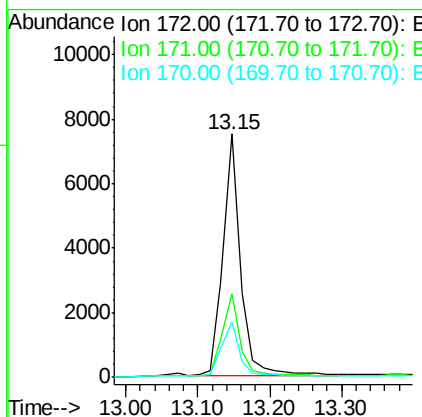
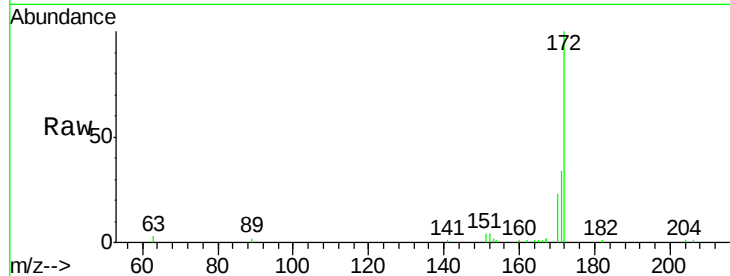
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE094000.D
Acq: 14 Sep 2017 11:40

Instrument :
BNA_E
ClientSampled :
CPS093061

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.9	40.3
170	22.8	17.3	25.9

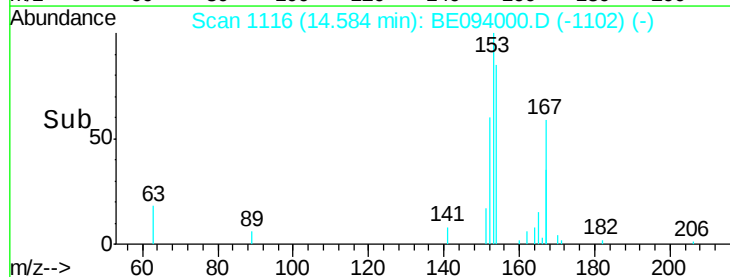
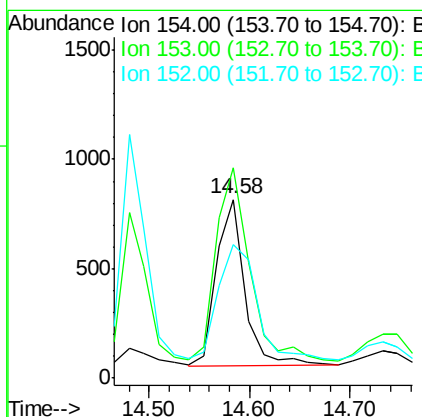
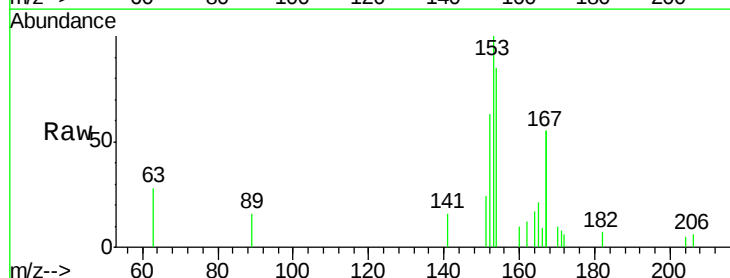
Manual Integrations
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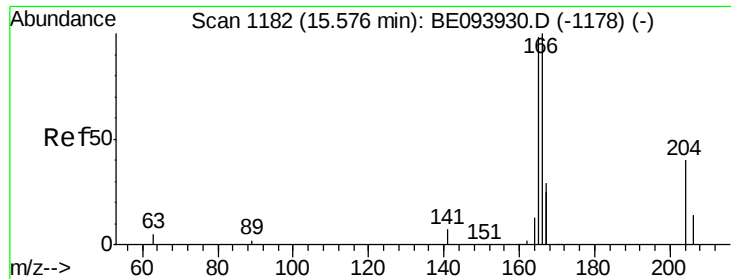
Sohil
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#17
Acenaphthene
Concen: 0.057 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094000.D
Acq: 14 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	139.1	91.8	137.6#
152	96.5	44.9	67.3#





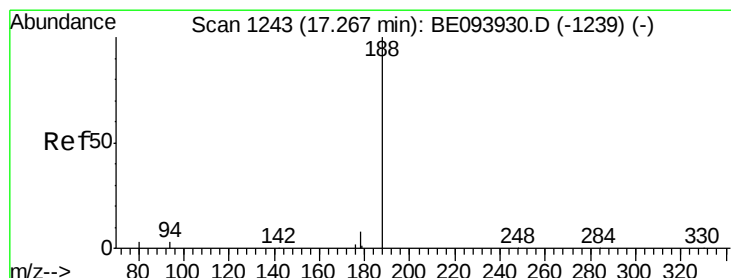
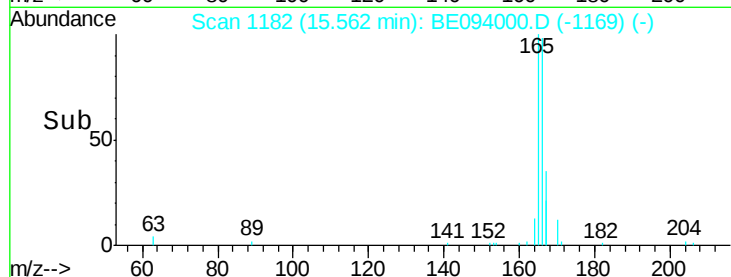
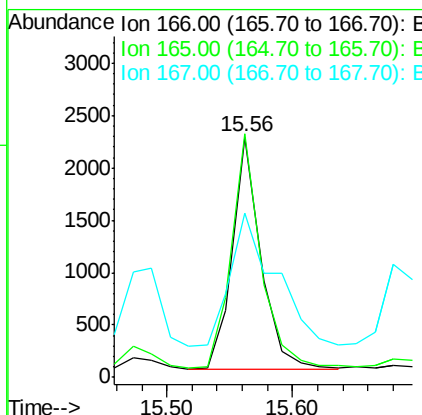
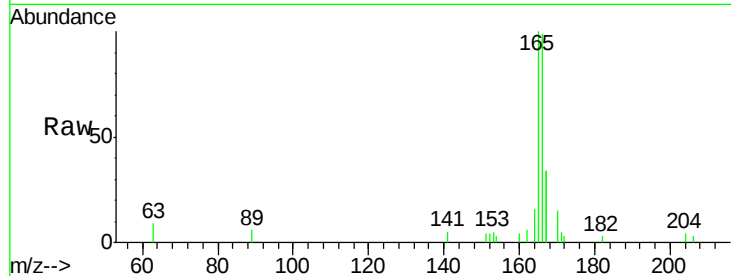
#18
Fluorene
 Concen: 0.101 ng
 RT: 15.56 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	3431		
165	104.5	79.4	119.0	
167	91.7	43.5	65.3	

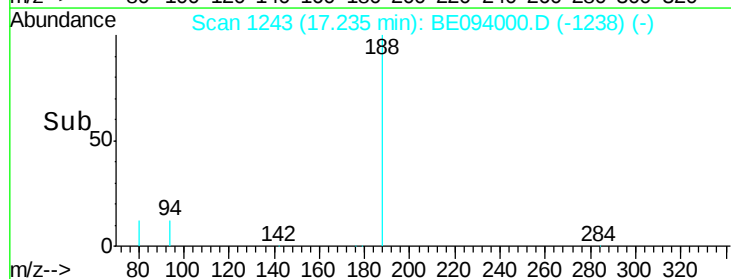
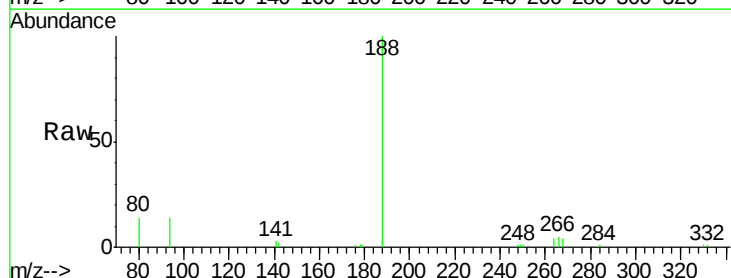
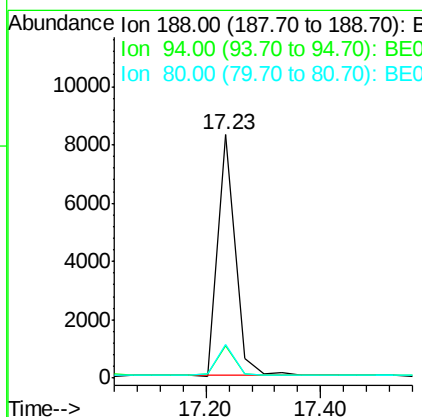
Manual Integrations
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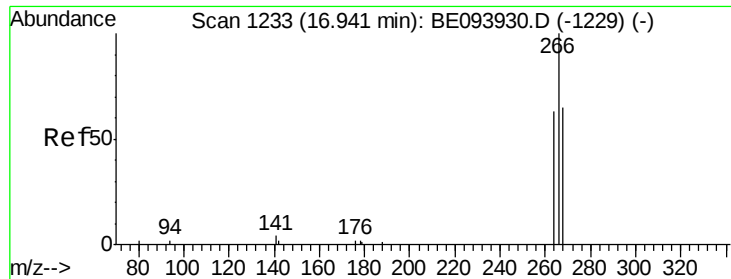
Sohil
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	17713		
94	13.5	16.1	24.1	
80	13.7	18.2	27.2	





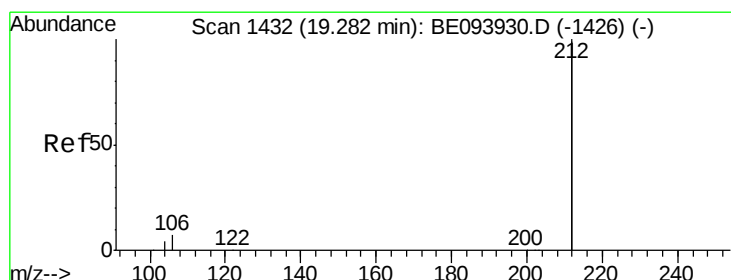
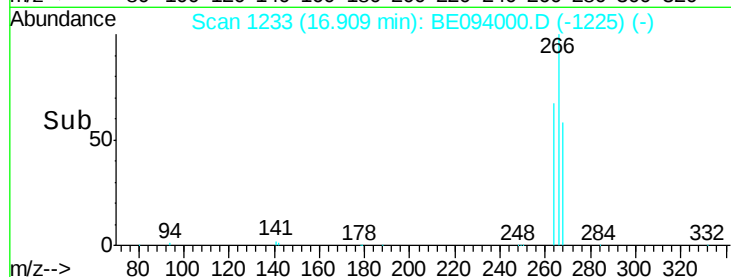
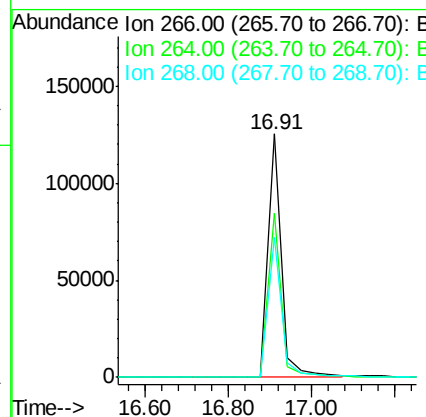
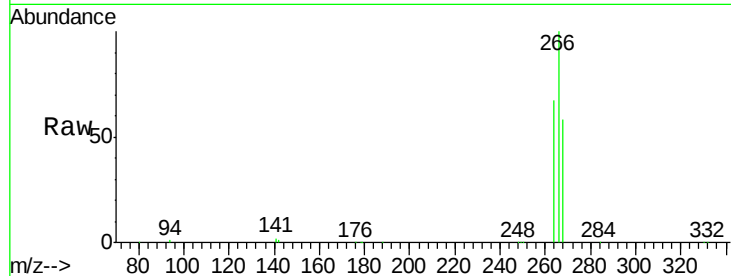
#22
 Pentachlorophenol
 Concen: 99.756 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.03 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	280217		
264	67.2	53.5	80.3	
268	57.7	60.0	90.0	

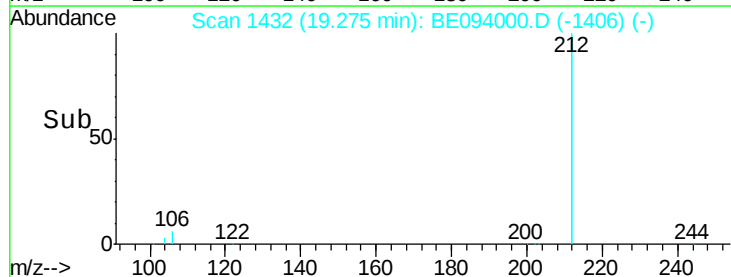
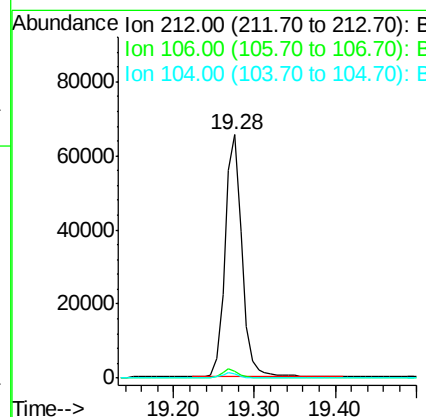
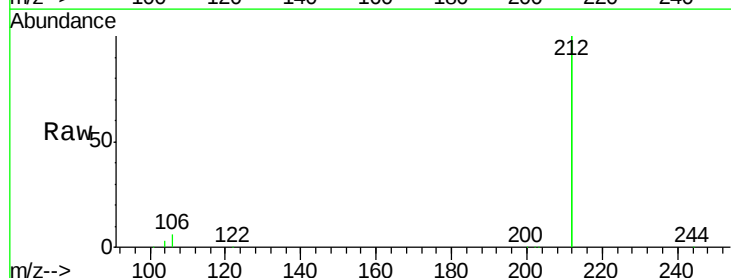
Manual Integrations
 APPROVED

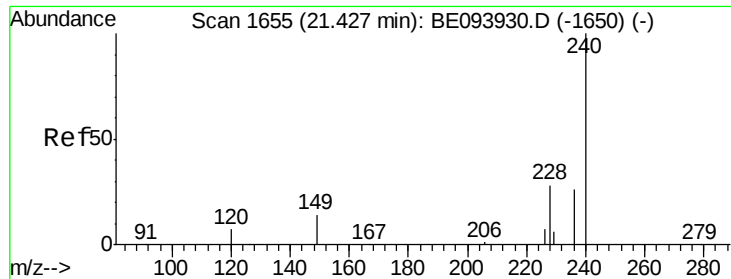
Sohil
 9/18/2017 3:31:03 PM



#25
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	94359		
106	3.4	2.7	4.1	
104	2.0	1.6	2.4	





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Instrument :

BNA_E

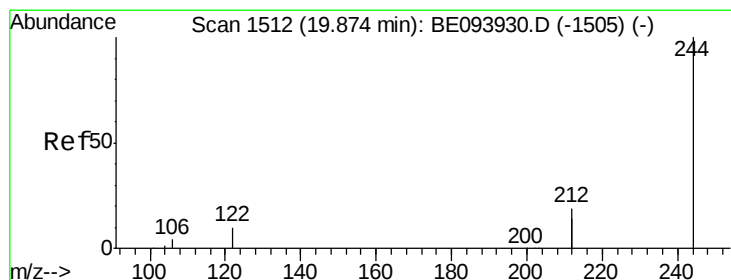
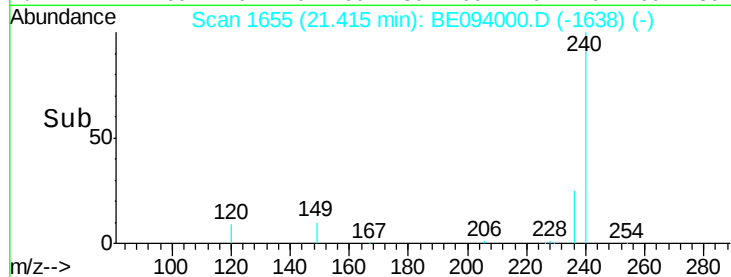
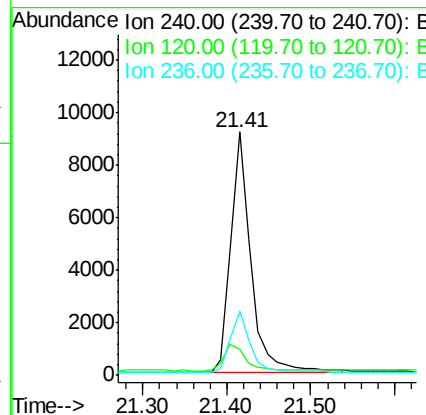
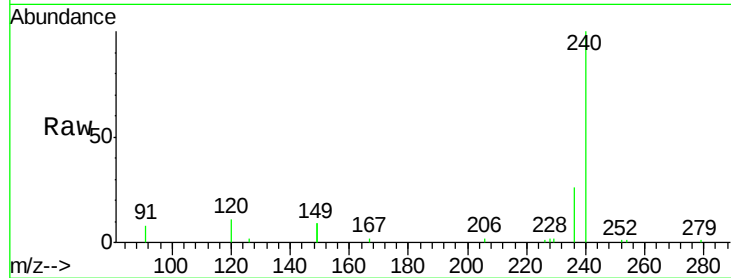
ClientSampleId :

CPS093061

Tgt Ion:	240	Resp:	15361
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.7	13.1
236	26.3	21.3	31.9

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#29

Terphenyl-d14

Concen: 0.702 ng

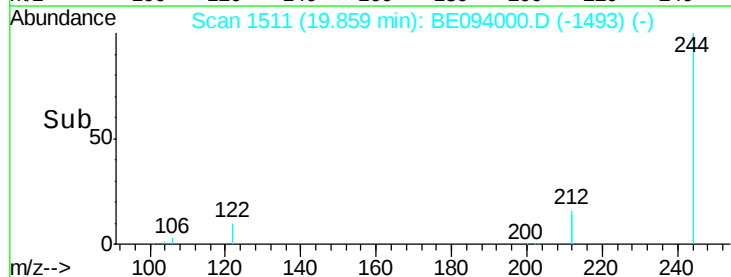
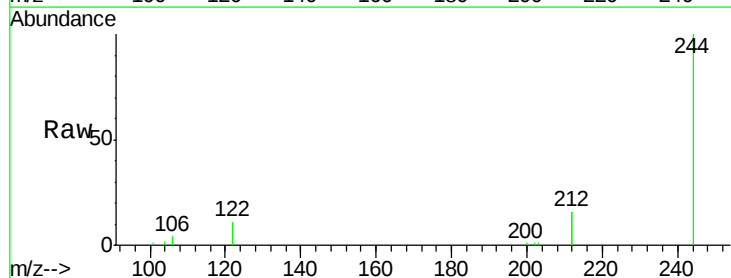
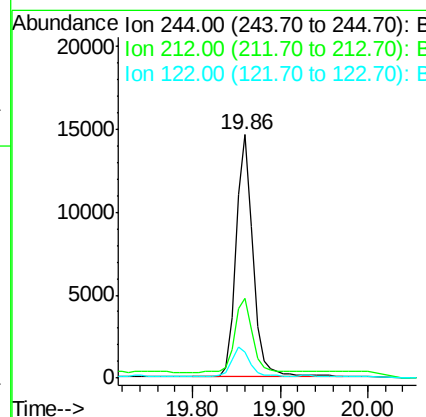
RT: 19.86 min Scan# 1511

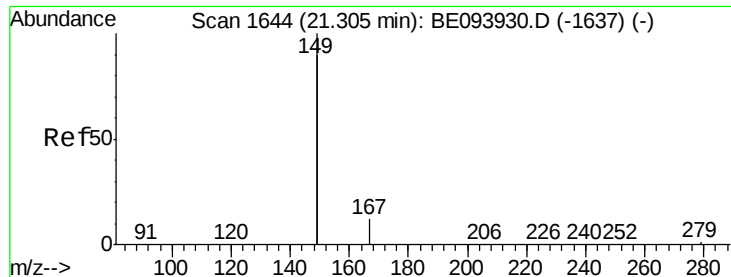
Delta R.T. -0.01 min

Lab File: BE094000.D

Acq: 14 Sep 2017 11:40

Tgt Ion:	244	Resp:	19848
Ion Ratio	Lower	Upper	
244	100		
212	32.6	28.3	42.5
122	10.9	9.4	14.0





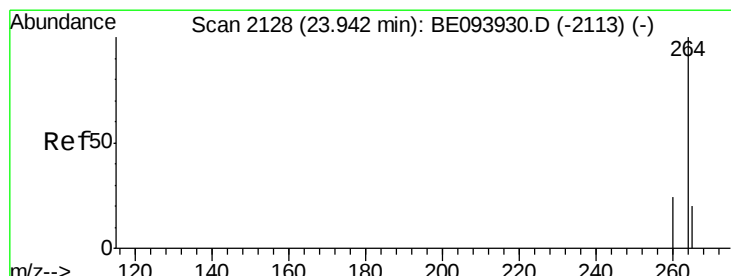
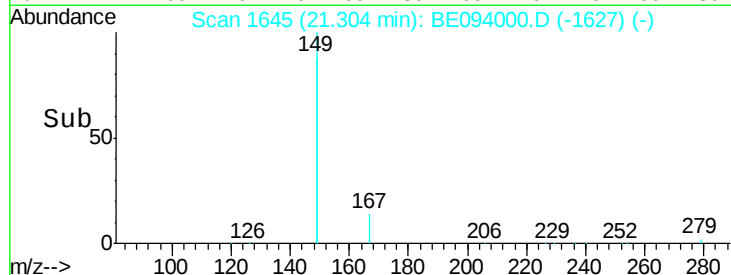
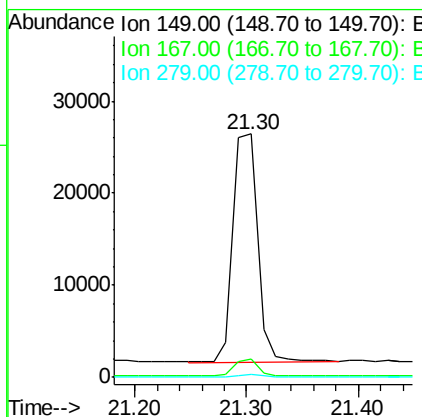
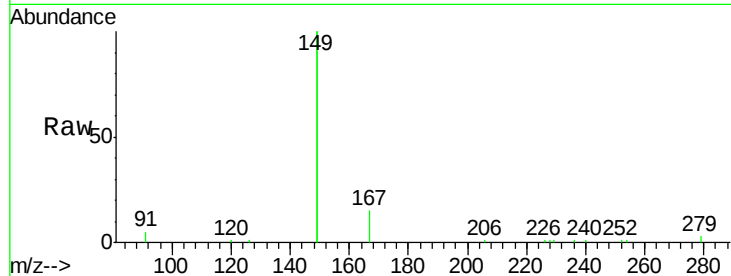
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.328 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Instrument :
 BNA_E
 ClientSampleId :
 CPS093061

Tgt Ion:	149	Resp:	37522
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE094000.D
 Acq: 14 Sep 2017 11:40

Tgt Ion:	264	Resp:	12378
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.0	30.0
265	31.6	24.0	36.0

