

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
 Data File : BE093426.D
 Acq On : 6 Jul 2017 9:50
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
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 7/7/2017 1:28:55 PM

Quant Time: Jul 07 06:53:04 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	3543	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19475	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	12600	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	38101	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38025	0.40	ng	0.00
34) Perylene-d12	23.94	264	33399	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.53	112	4263	0.40	ng	0.00
5) Phenol-d6	7.10	99	6679	0.42	ng	0.00
8) Nitrobenzene-d5	9.08	82	5116	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12477	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1680	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	18922	0.39	ng	0.00
25) Fluoranthene-d10	19.29	212	151415	0.33	ng	0.00
29) Terphenyl-d14	19.88	244	27420	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	2852	0.380	ng	99
3) n-Nitrosodimethylamine	3.75	42	1630	0.422	ng	# 85
6) bis(2-Chloroethyl)ether	7.35	93	4706	0.397	ng	# 98
9) Naphthalene	10.77	128	78377	0.384	ng	# 73
10) Hexachlorobutadiene	11.08	225	3026	0.391	ng	97
12) 2-Methylnaphthalene	12.38	142	13680	0.399	ng	97
16) Acenaphthylene	14.26	152	20924	0.399	ng	# 88
17) Acenaphthene	14.60	154	14836	0.386	ng	98
18) Fluorene	15.59	166	19556	0.371	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	7136	0.342	ng	# 33
21) Hexachlorobenzene	16.58	284	8052	0.357	ng	# 100
22) Pentachlorophenol	16.91	266	1046	0.354	ng	# 73
23) Phenanthrene	17.30	178	49854	0.360	ng	98
24) Anthracene	17.40	178	30618	0.361	ng	94
26) Fluoranthene	19.32	202	42774	0.329	ng	98
28) Pyrene	19.68	202	43844	0.410	ng	# 99
30) Benzo(a)anthracene	21.40	228	41999	0.409	ng	# 92
31) Chrysene	21.46	228	42017	0.391	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	72428	0.490	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.59	276	39704	0.421	ng	94
35) Benzo(b)fluoranthene	23.16	252	40152	0.372	ng	97
36) Benzo(k)fluoranthene	23.21	252	39459m	0.370	ng	
37) Benzo(a)pyrene	23.82	252	36739	0.389	ng	95
38) Dibenzo(a,h)anthracene	26.61	278	35541	0.387	ng	# 91
39) Benzo(g,h,i)perylene	27.40	276	34955	0.377	ng	# 92

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

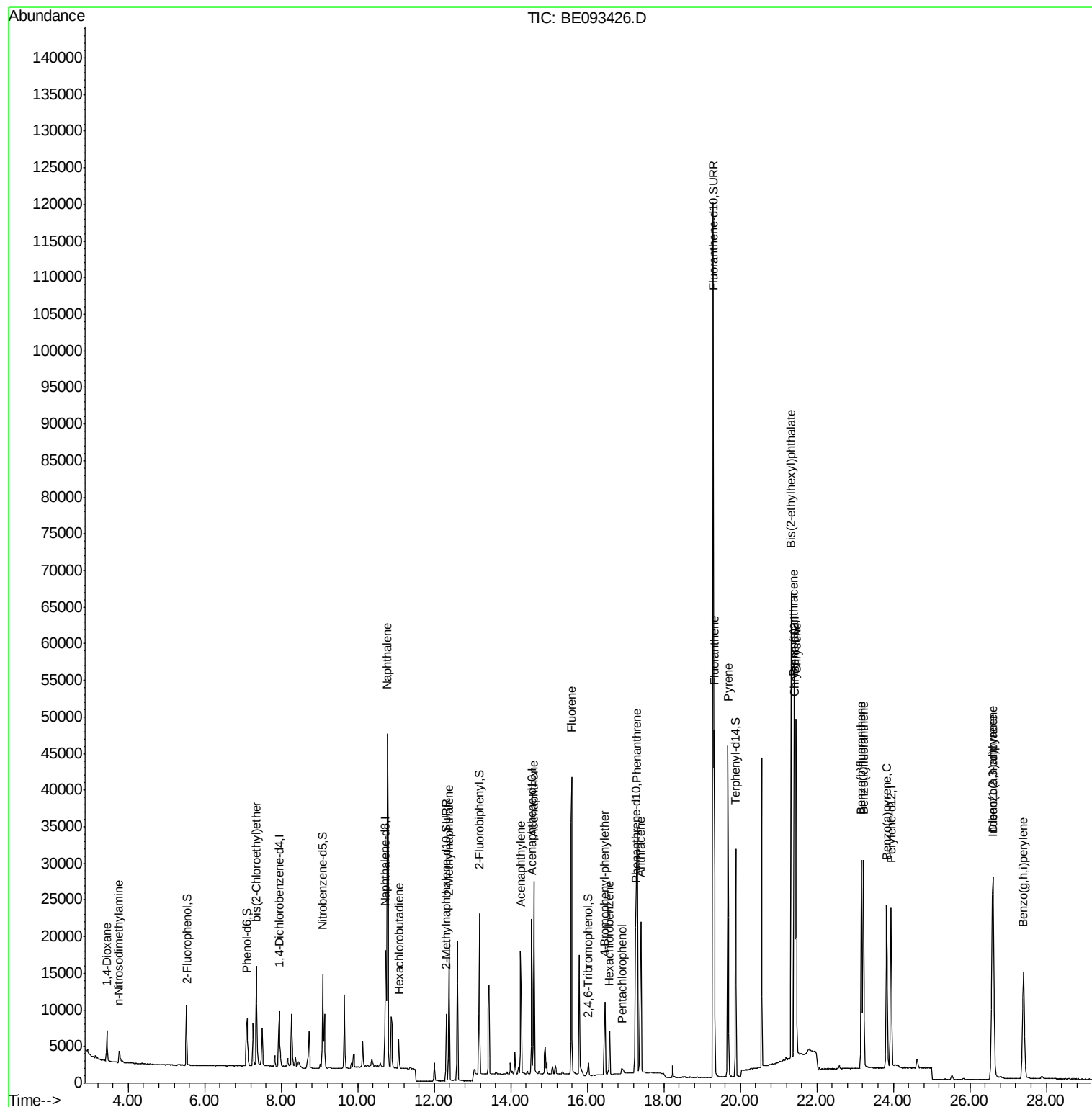
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
Data File : BE093426.D
Acq On : 6 Jul 2017 9:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

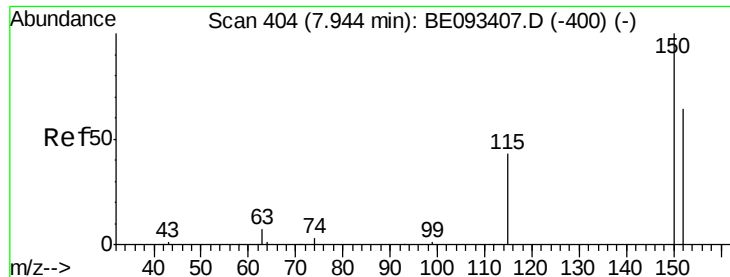
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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Quant Time: Jul 07 06:53:04 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: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

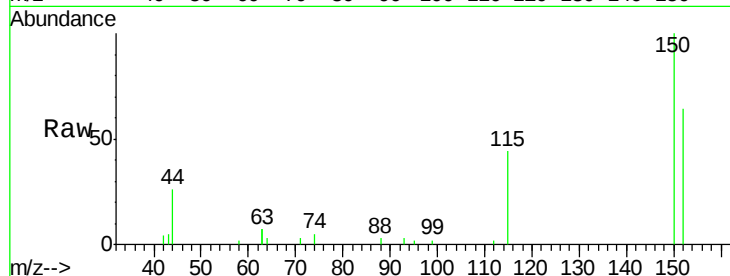
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SSTDCCC0.4

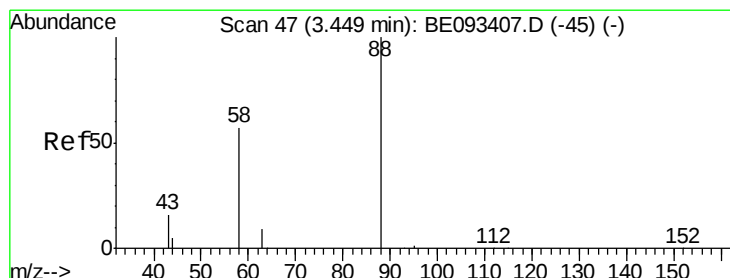
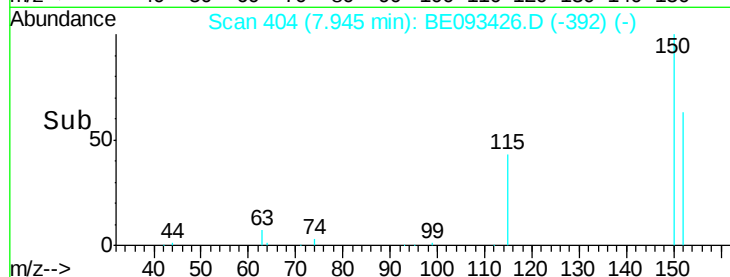
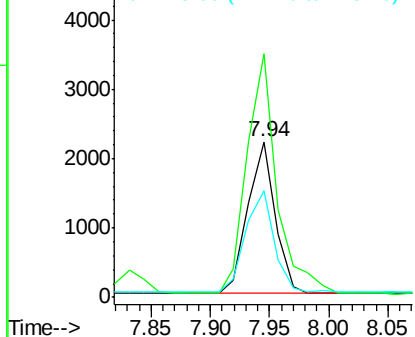
Tgt Ion:	152	Resp:	3543
Ion Ratio	Lower	Upper	
152	100		
150	156.7	125.1	187.7
115	69.0	55.7	83.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.380 ng

RT: 3.44 min Scan# 46

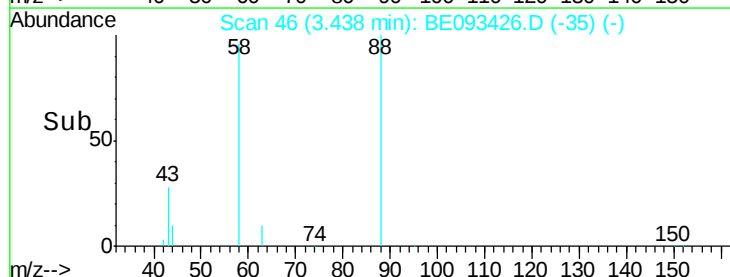
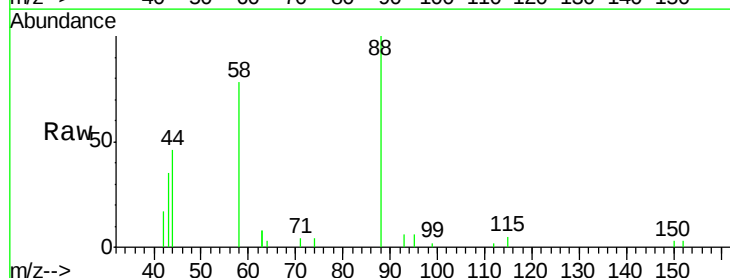
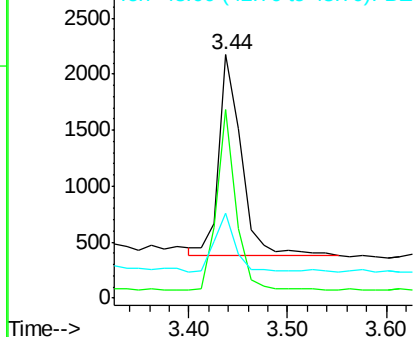
Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:	88	Resp:	2852
Ion Ratio	Lower	Upper	
88	100		
58	77.7	62.2	93.4
43	26.4	23.2	34.8

Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

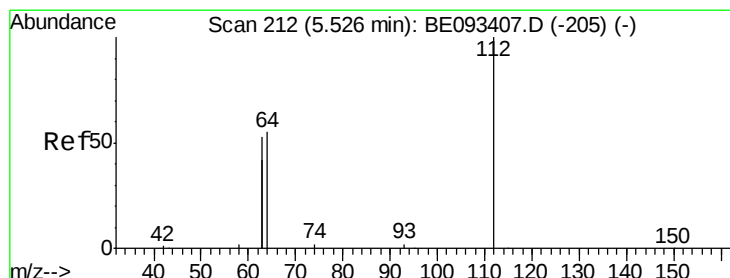
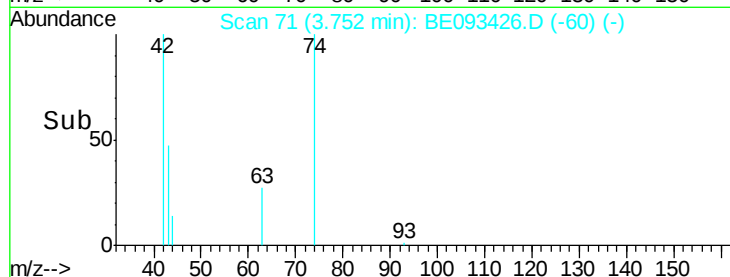
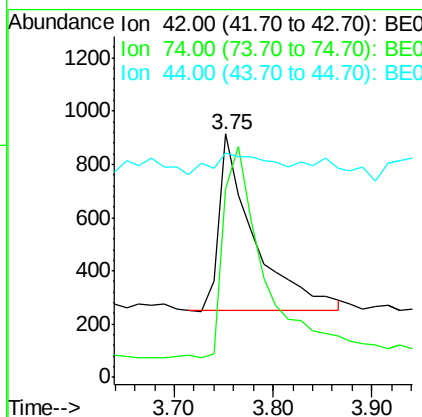
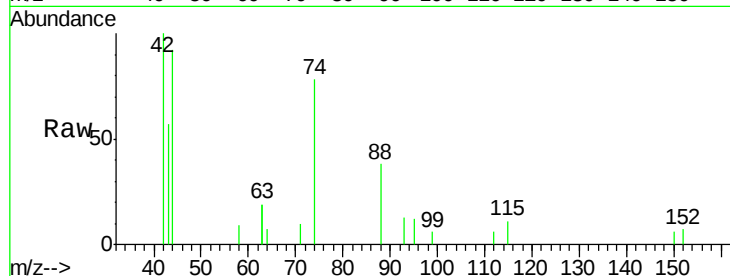
n-Nitrosodimethylamine
 Concen: 0.422 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.1	99.1	148.7
44	19.3	7.4	11.2#

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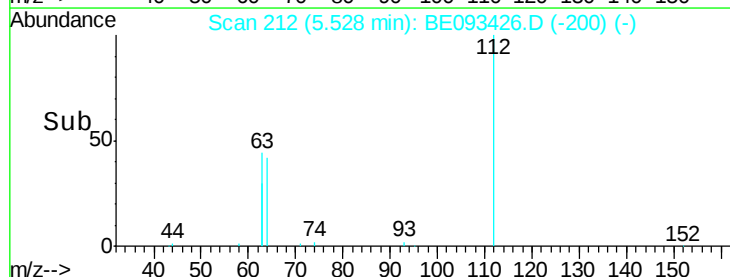
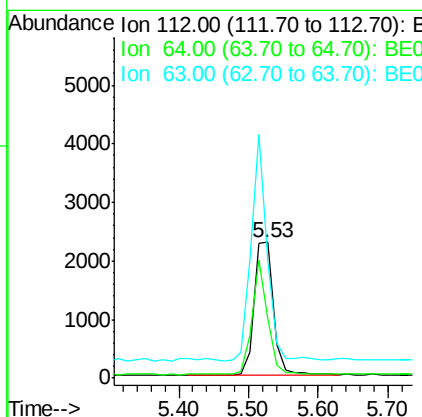
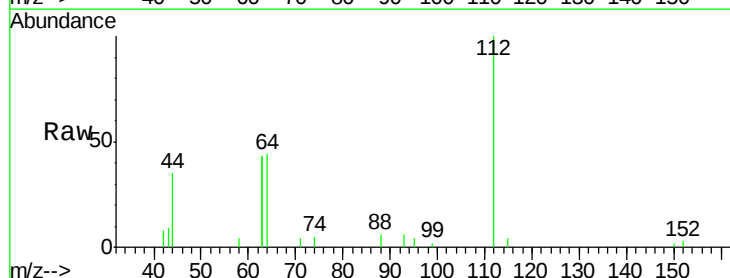
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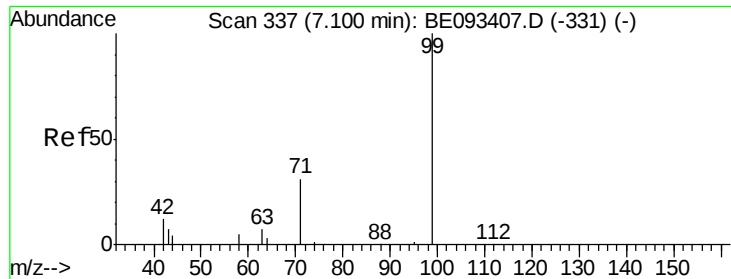


#4

2-Fluorophenol
 Concen: 0.399 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.4	84.6
63	138.6	29.3	43.9#





#5

Phenol-d6

Concen: 0.424 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

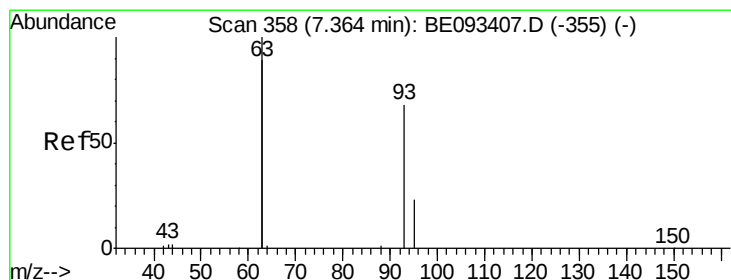
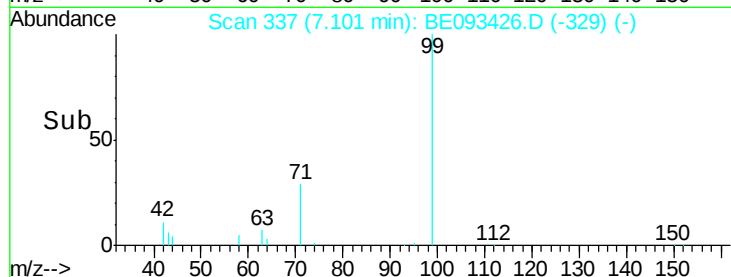
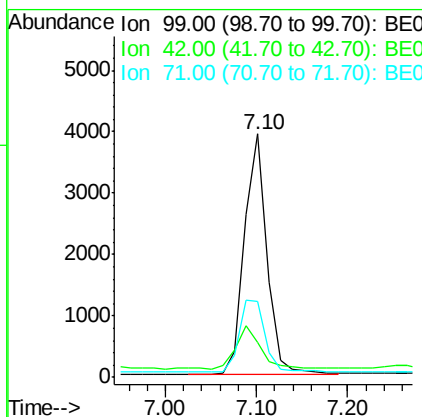
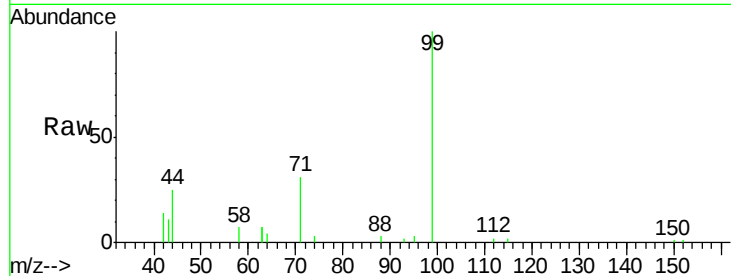
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	99	Resp:	6679
Ion	Ratio	Lower	Upper
99	100		
42	19.1	0.0	0.0#
71	34.6	0.0	0.0#

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#6

bis(2-Chloroethyl)ether

Concen: 0.397 ng

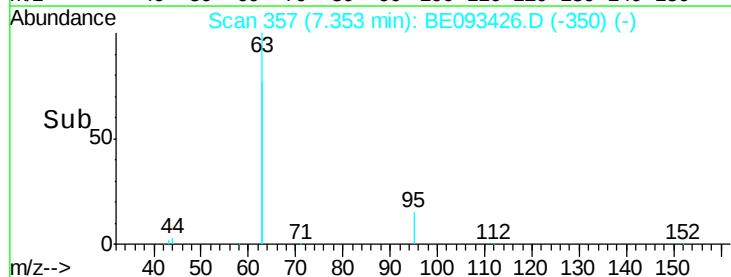
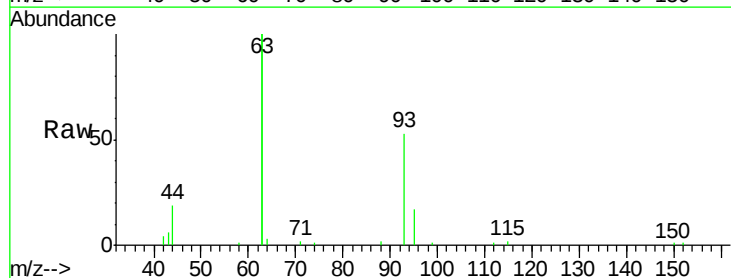
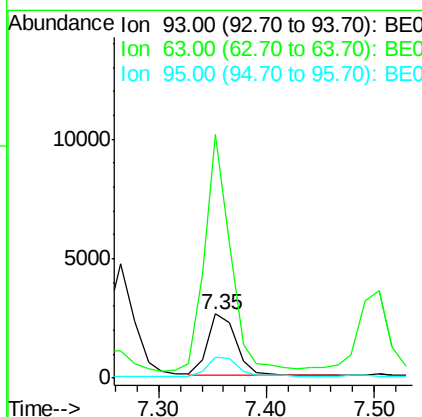
RT: 7.35 min Scan# 357

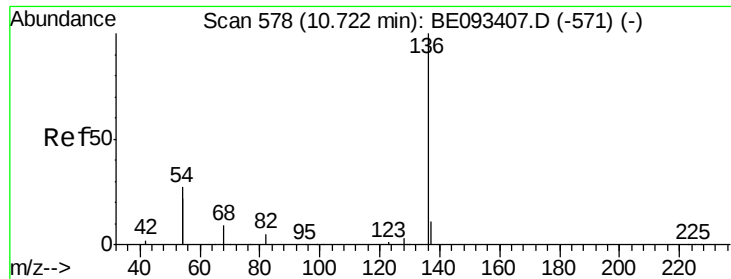
Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:	93	Resp:	4706
Ion	Ratio	Lower	Upper
93	100		
63	343.8	0.0	0.0#
95	32.8	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

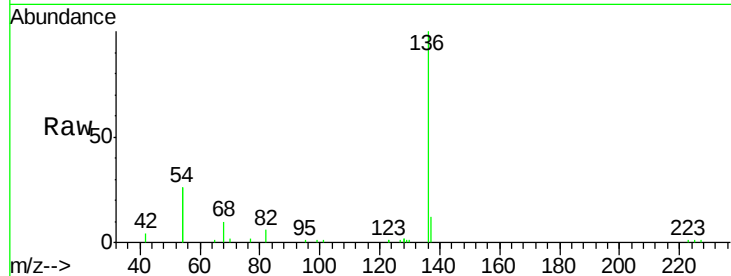
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	19475		
137	11.5	9.8	14.8	
54	52.2	10.3	15.5#	
68	10.4	9.0	13.4	

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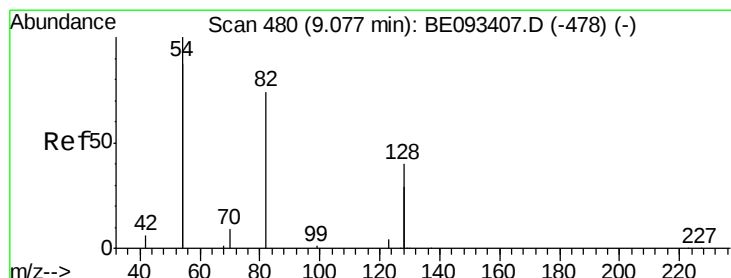
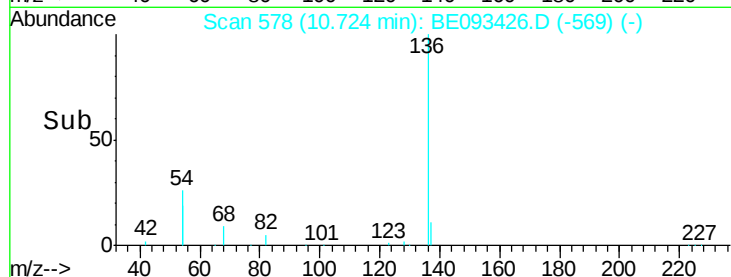
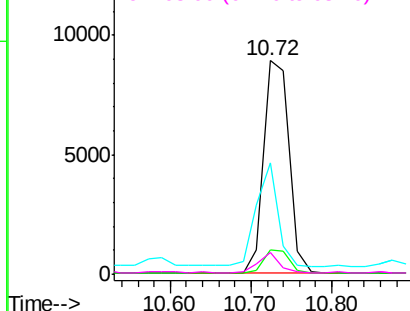


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.411 ng

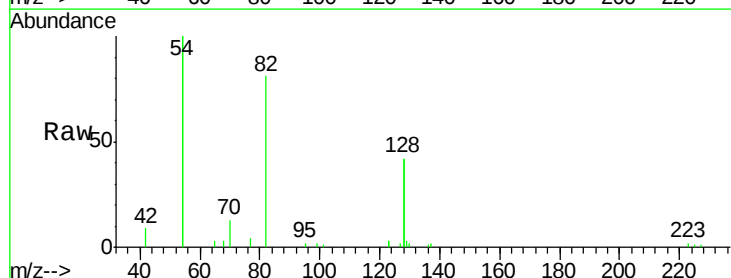
RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

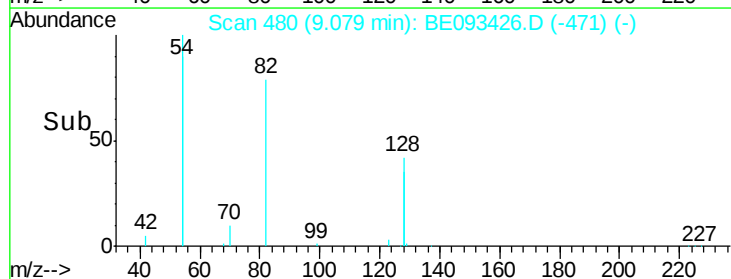
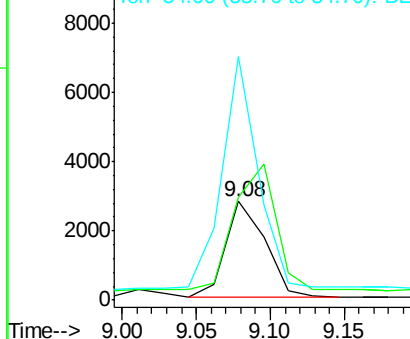
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	5116		
128	104.7	17.0	25.4#	
54	247.5	53.8	80.6#	

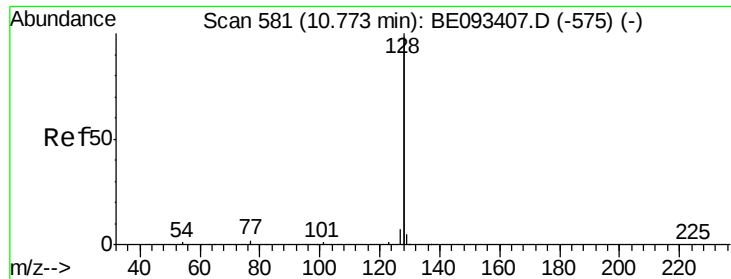


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.384 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

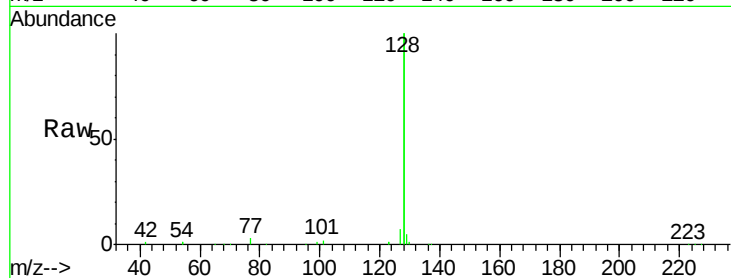
ClientSampleId :

SSTDCCC0.4

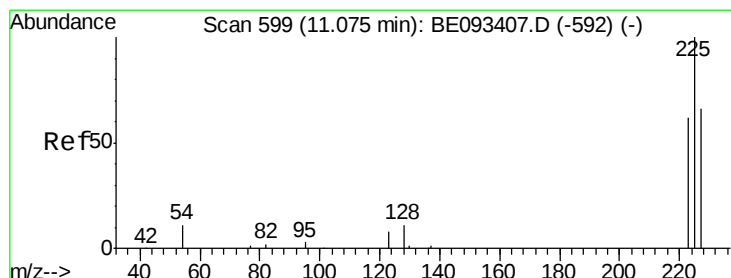
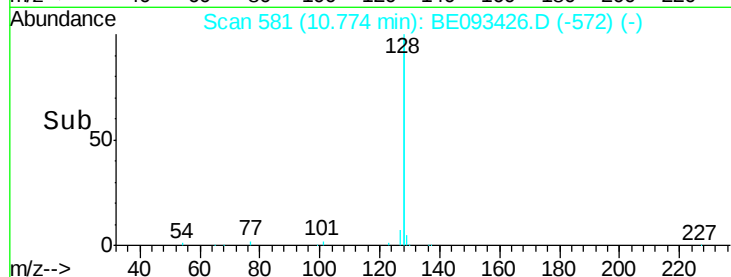
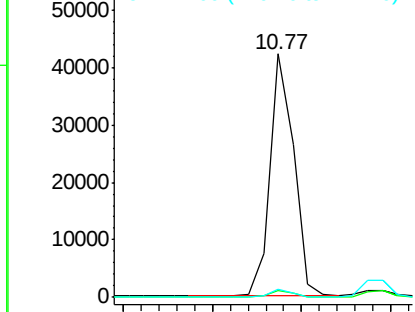
Tgt Ion:	128	Resp:	78377
Ion Ratio	Lower	Upper	
128	100		
129	2.7	11.4	17.0#
127	3.4	11.2	16.8#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.391 ng

RT: 11.08 min Scan# 599

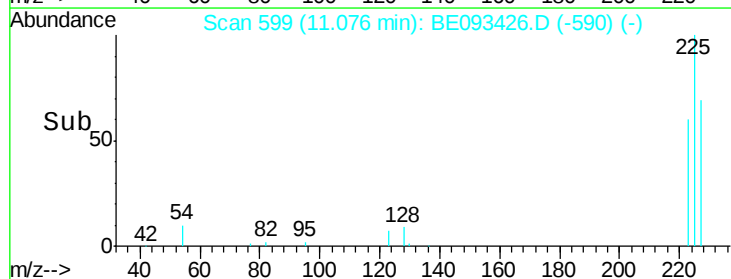
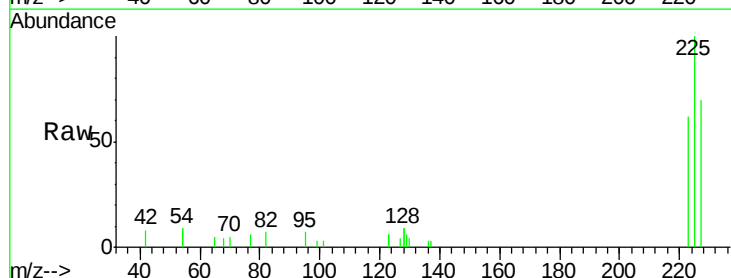
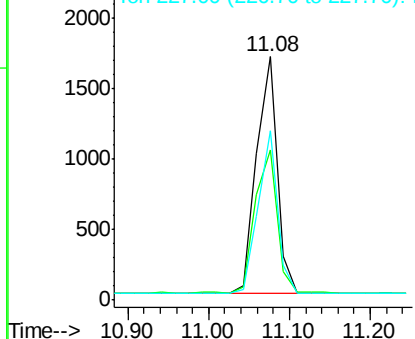
Delta R.T. 0.00 min

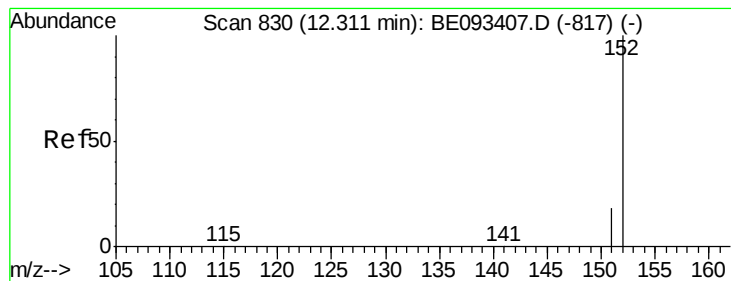
Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:	225	Resp:	3026
Ion Ratio	Lower	Upper	
225	100		
223	65.2	49.7	74.5
227	64.7	50.3	75.5

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:152 Resp: 12477

Ion Ratio Lower Upper

152 100

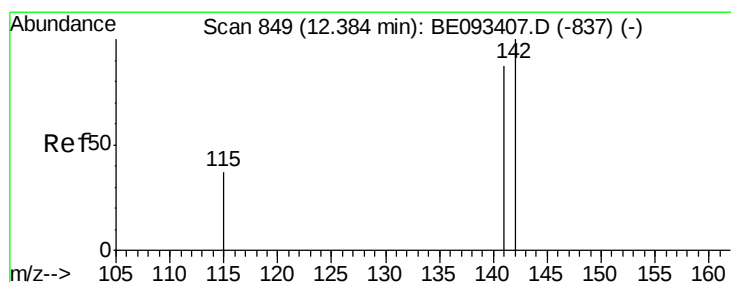
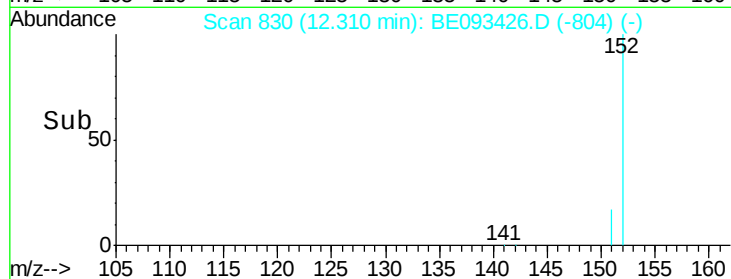
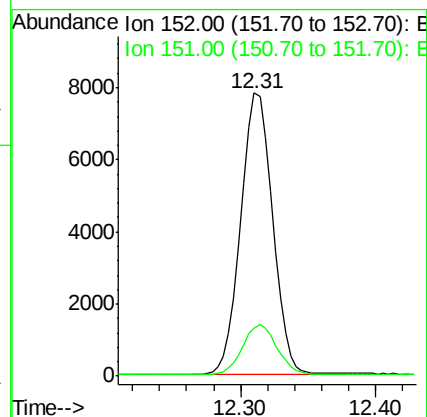
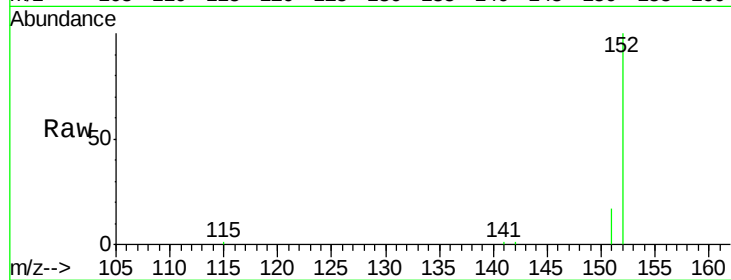
151 19.0 15.1 22.7

Manual Integrations

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#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.38 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

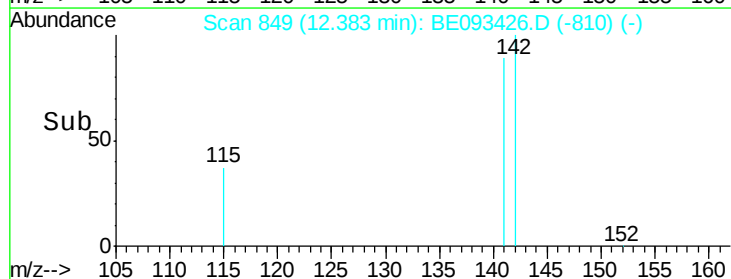
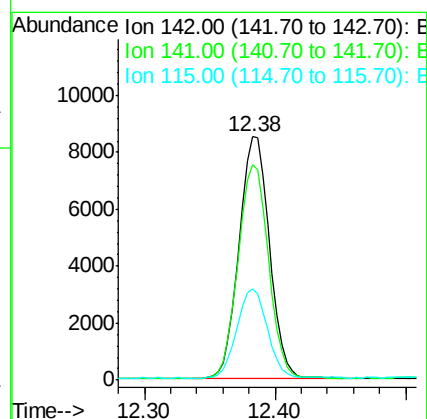
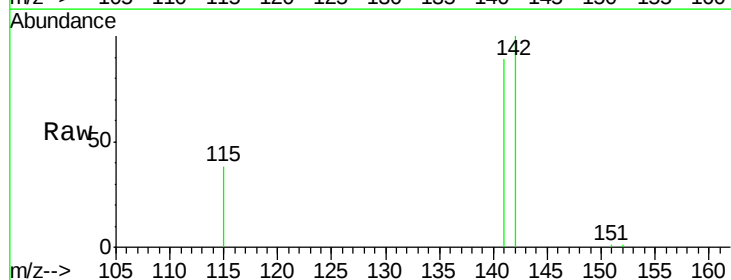
Tgt Ion:142 Resp: 13680

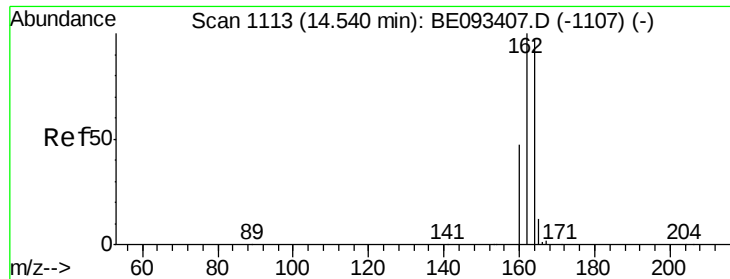
Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

115 37.6 32.2 48.2





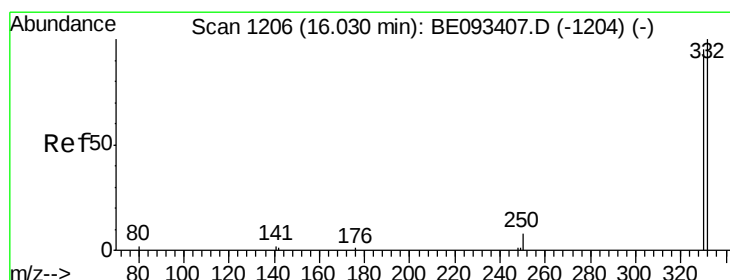
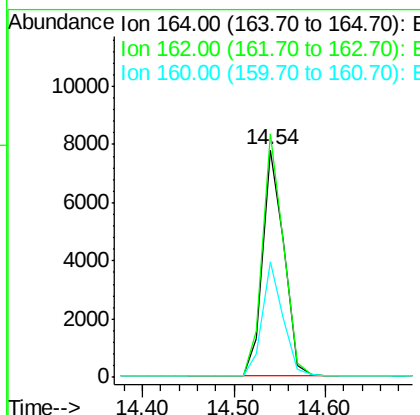
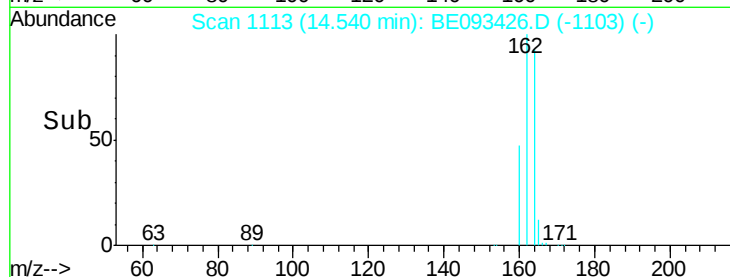
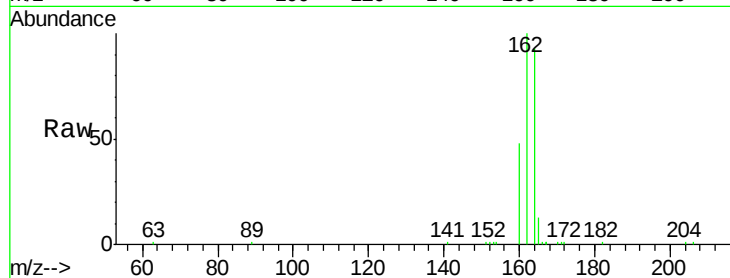
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.6	127.0
160	50.9	41.8	62.6

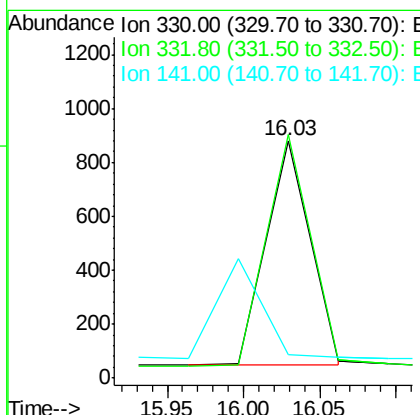
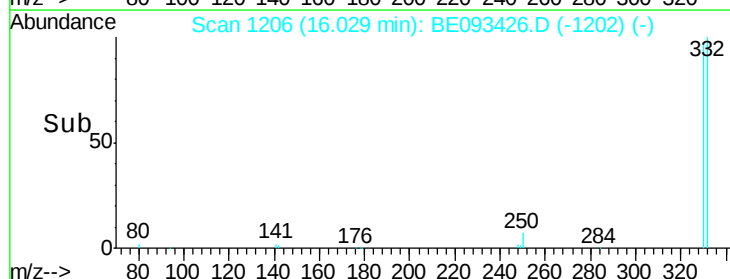
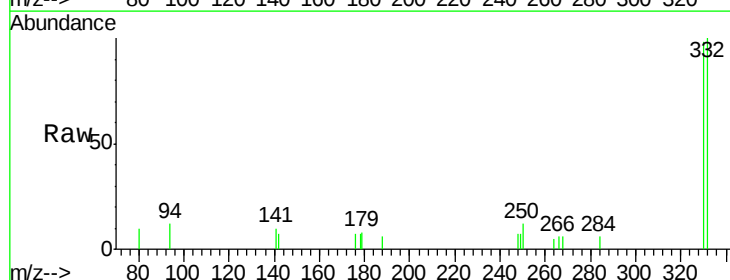
Manual Integrations
 APPROVED

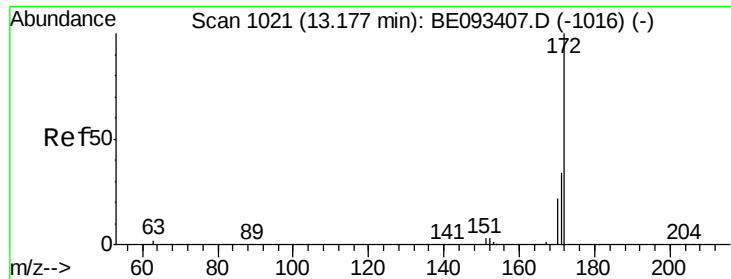
mohammad
 7/7/2017 1:28:55 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.7	116.5
141	0.0	56.2	84.4#





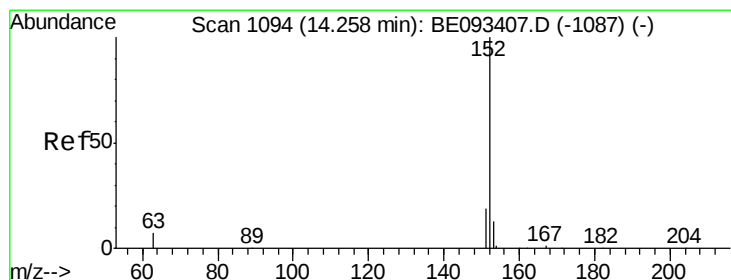
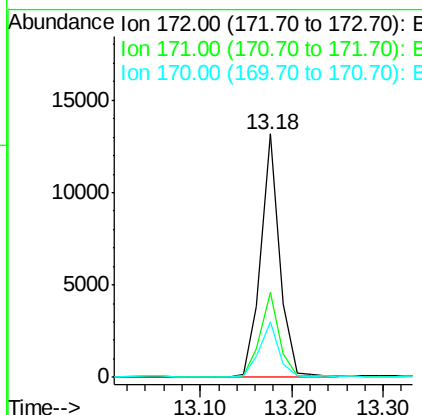
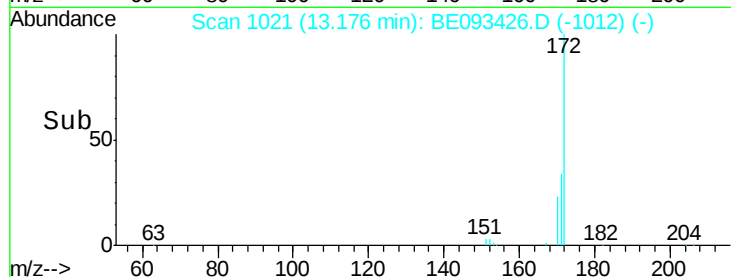
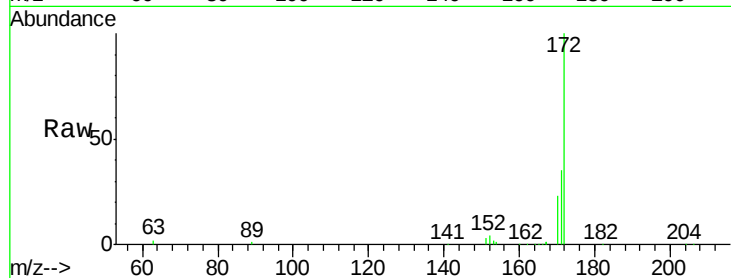
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.8	44.6
170	22.9	20.7	31.1

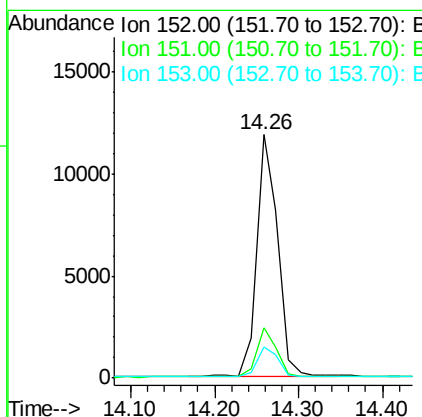
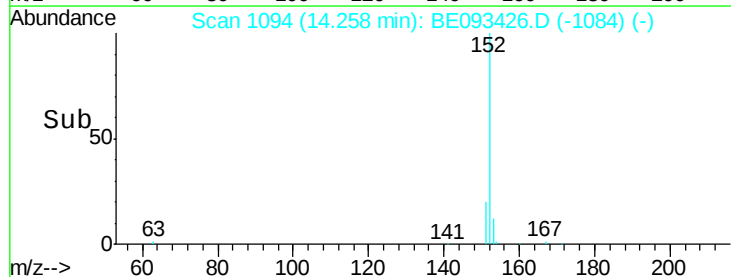
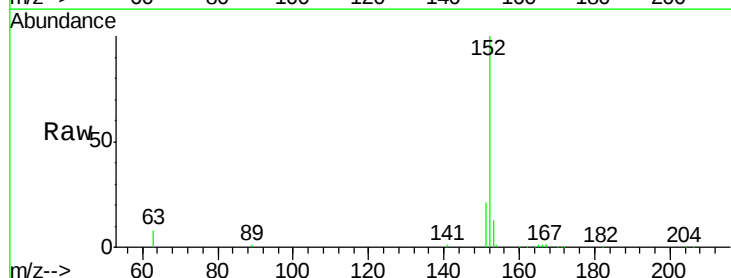
Manual Integrations
APPROVED

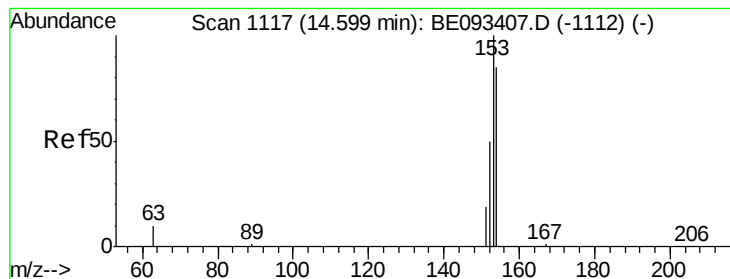
mohammad
7/7/2017 1:28:55 PM



#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	12.6	10.3	15.5





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

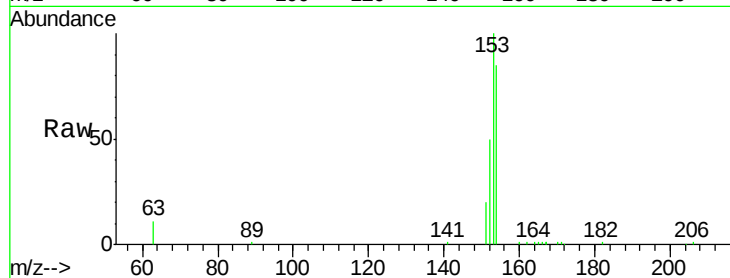
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	53.8	44.8	67.2

Manual Integrations
APPROVED

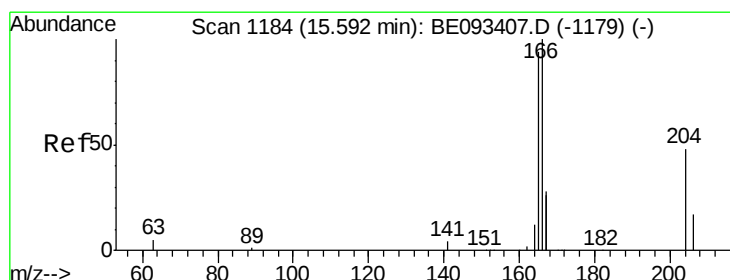
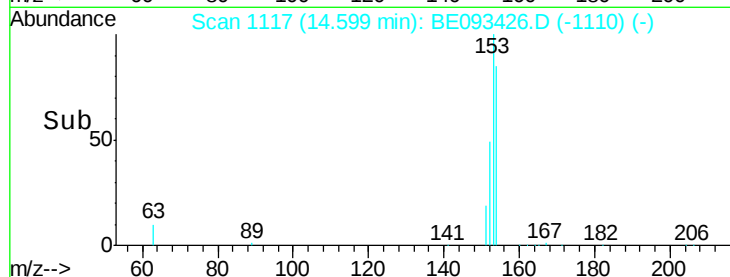
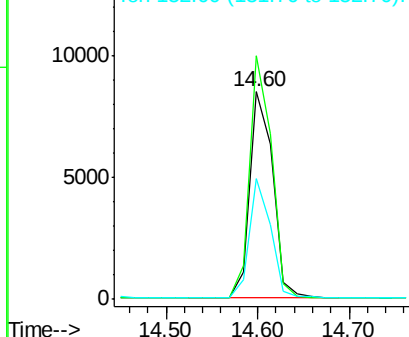
mohammad
7/7/2017 1:28:55 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.371 ng

RT: 15.59 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE093426.D

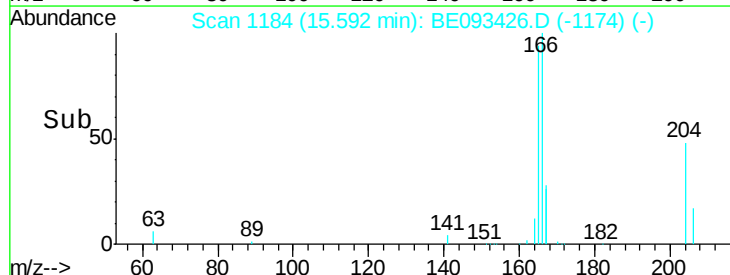
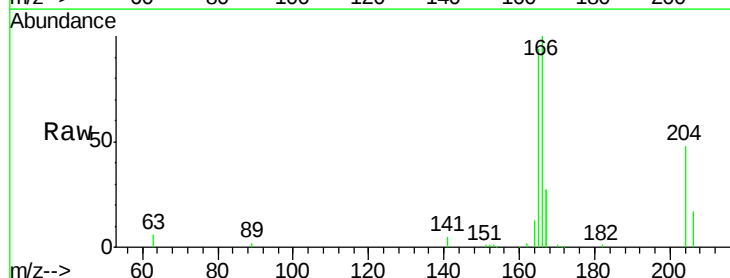
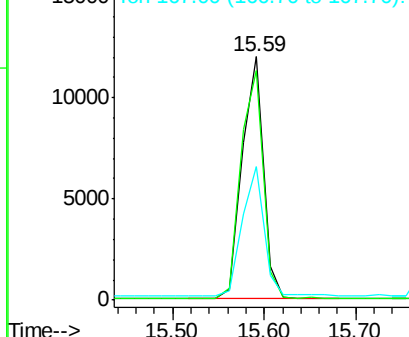
Acq: 6 Jul 2017 9:50

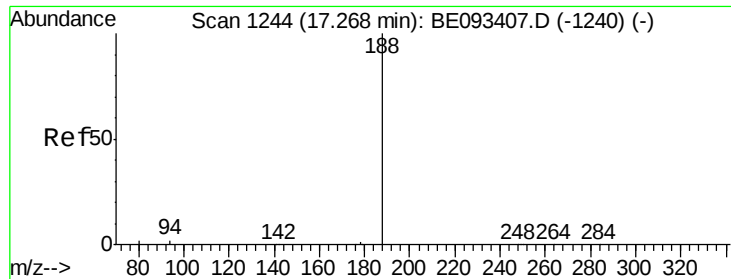
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	53.4	11.1	16.7#

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

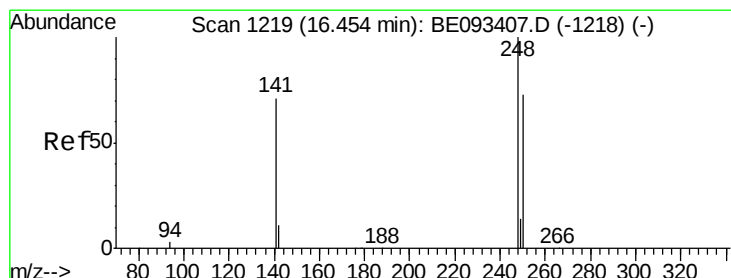
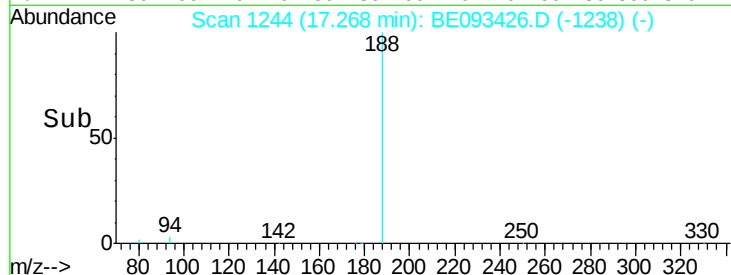
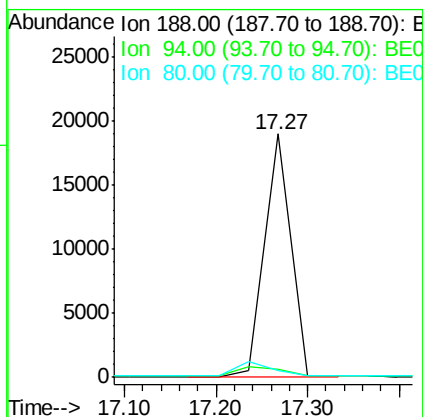
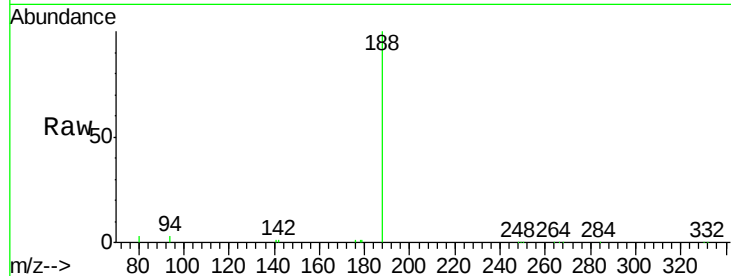
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	188	Resp:	38101
Ion Ratio	Lower	Upper	
188	100		
94	3.4	11.3	16.9#
80	2.5	11.7	17.5#

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.342 ng

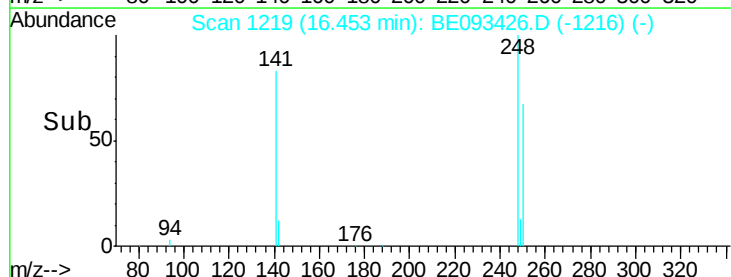
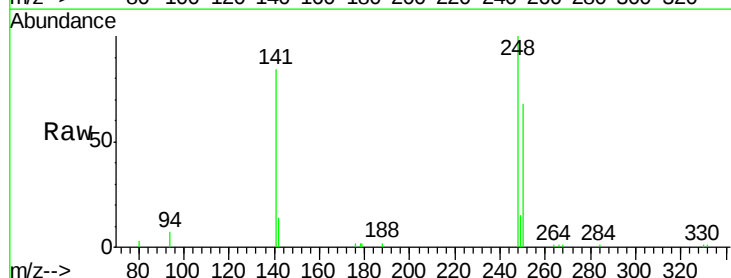
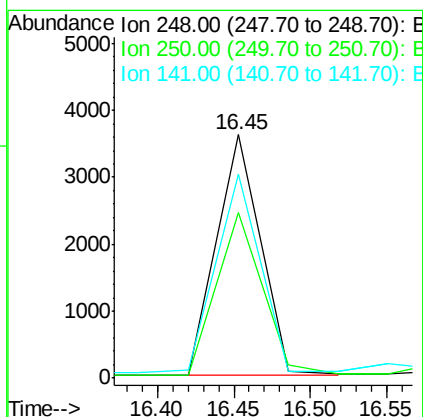
RT: 16.45 min Scan# 1219

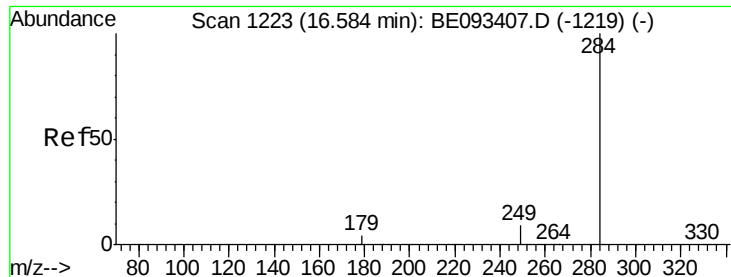
Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:	248	Resp:	7136
Ion Ratio	Lower	Upper	
248	100		
250	67.9	40.8	61.2#
141	83.8	161.6	242.4#





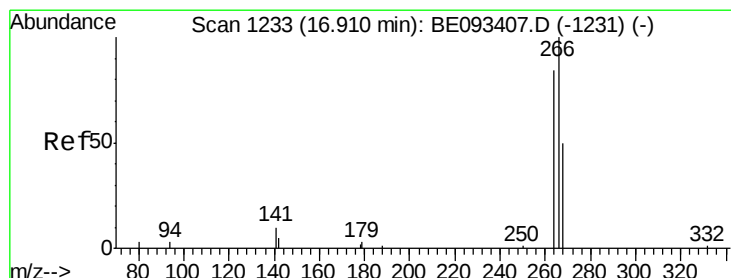
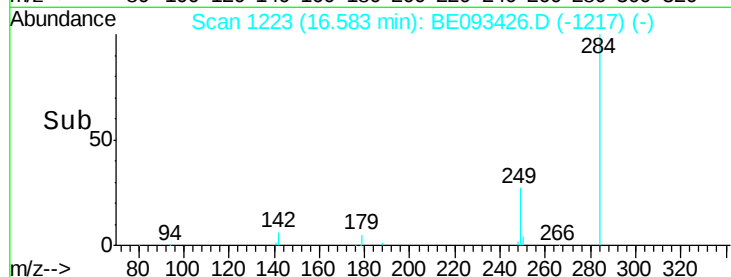
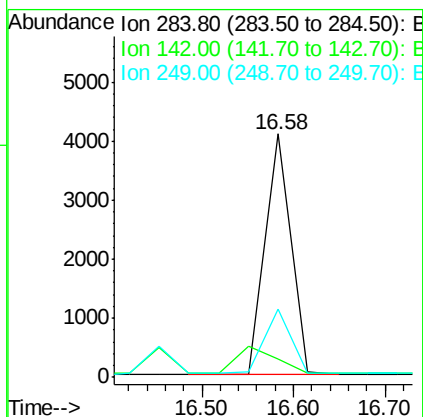
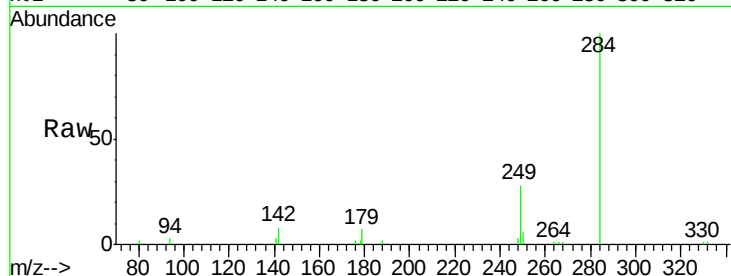
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	27.0	0.0	0.0#

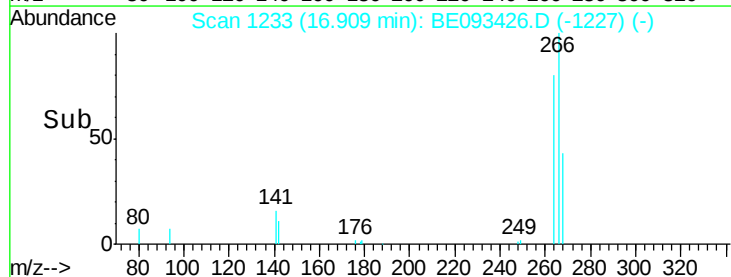
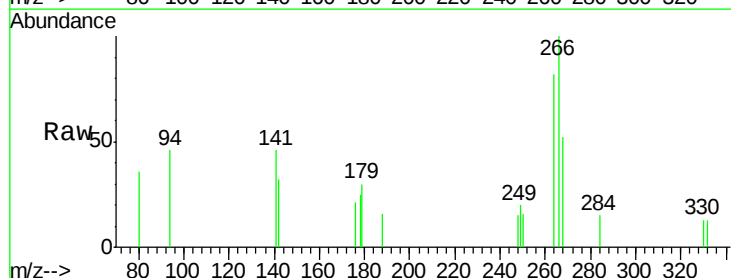
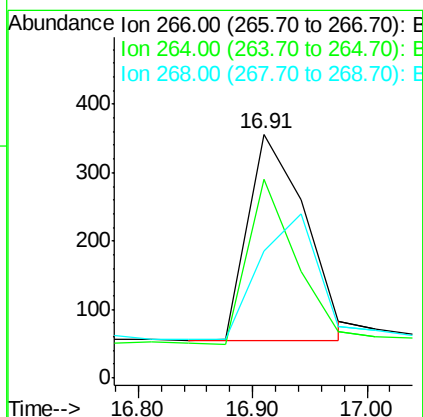
Manual Integrations
APPROVED

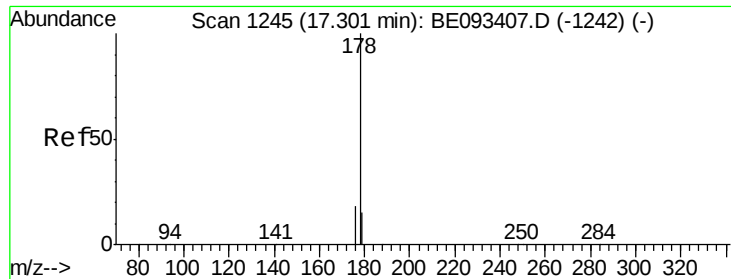
mohammad
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#22
Pentachlorophenol
Concen: 0.354 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	81.7	58.2	87.2
268	52.2	71.9	107.9#





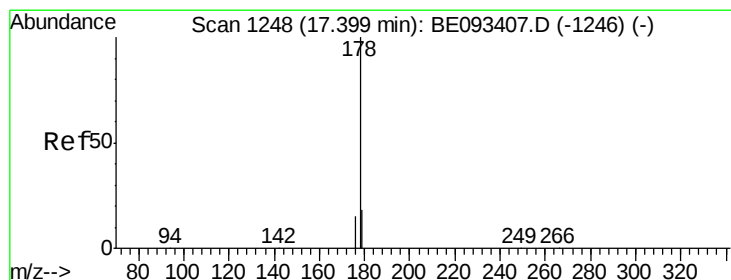
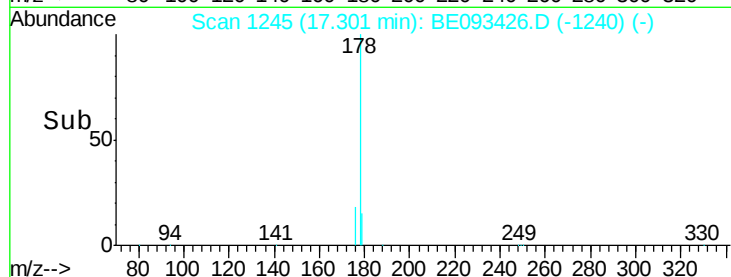
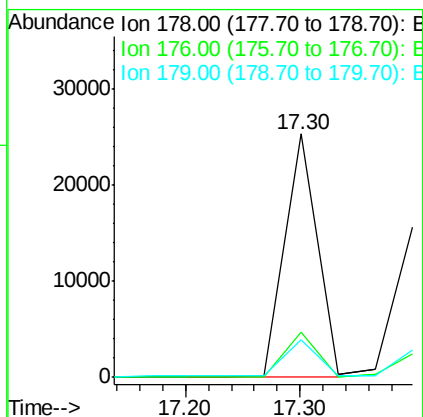
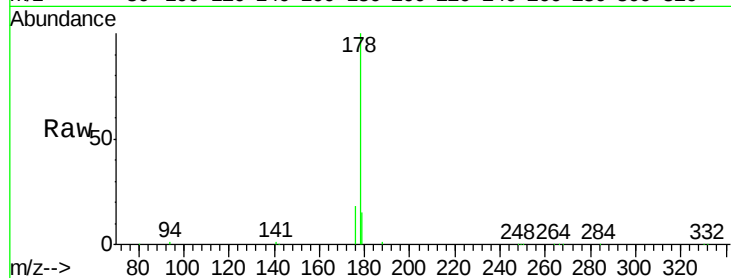
#23
Phenanthrene
Concen: 0.360 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.1	12.7	19.1

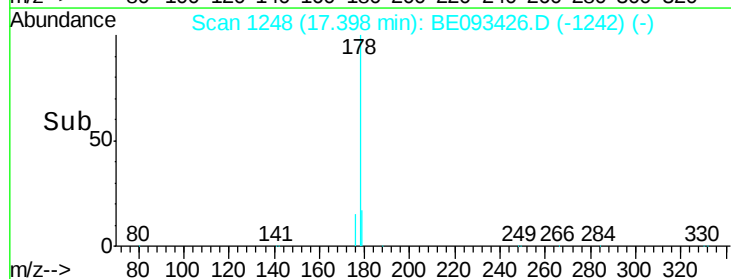
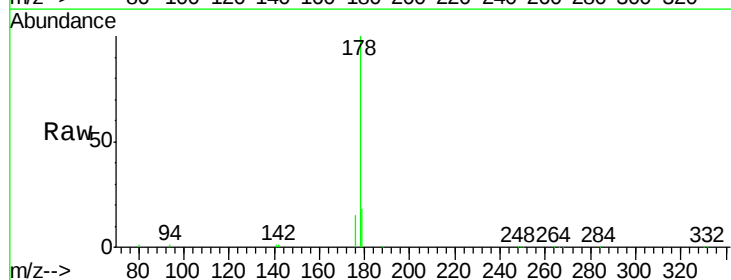
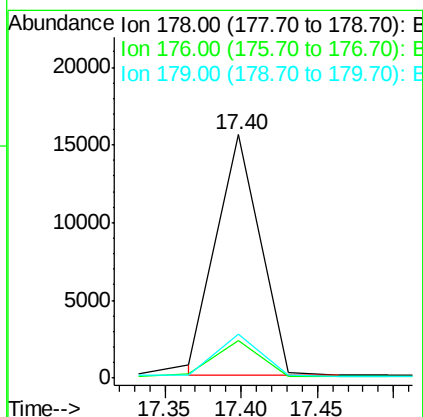
Manual Integrations
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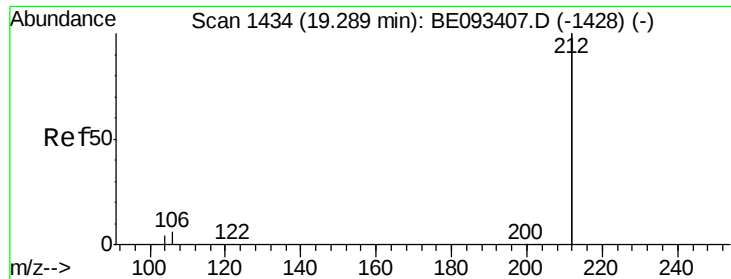
mohammad
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#24
Anthracene
Concen: 0.361 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.6	22.0
179	17.1	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

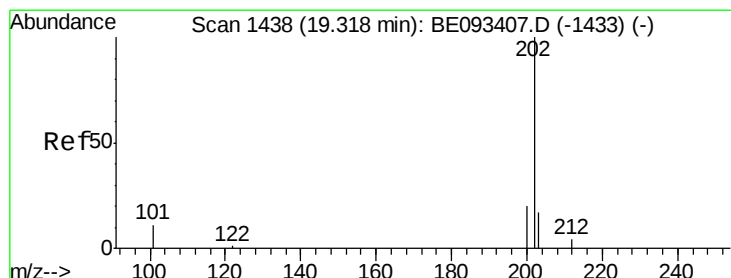
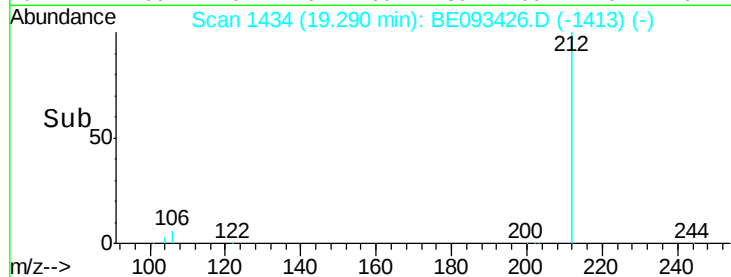
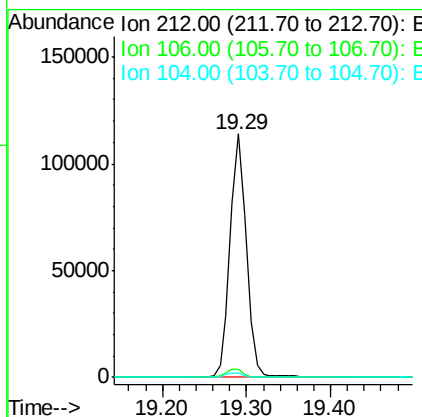
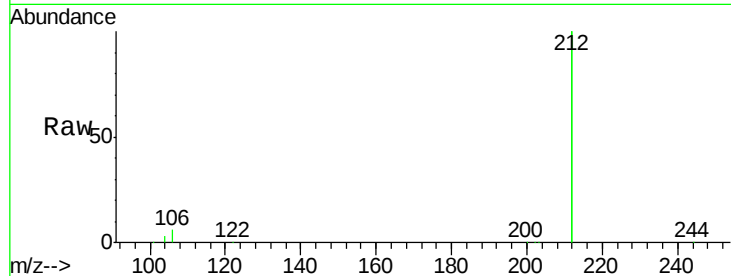
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	151415		
106	3.5	2.4	3.6	
104	2.0	1.6	2.4	

Manual Integrations
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#26

Fluoranthene

Concen: 0.329 ng

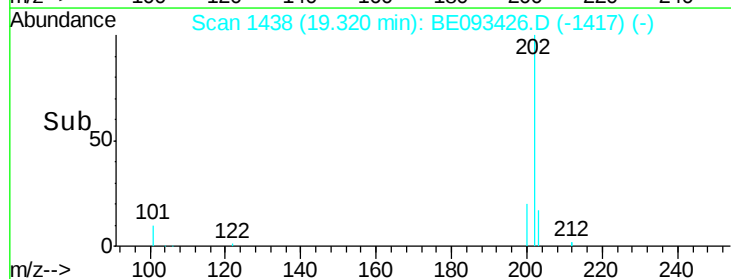
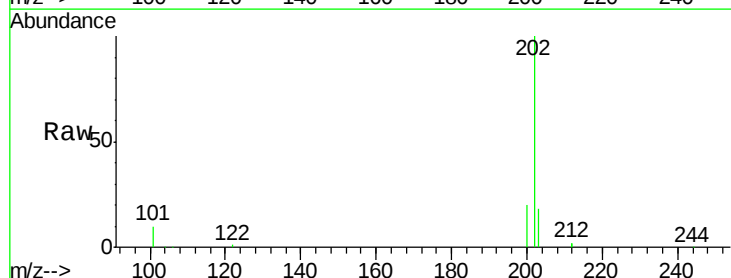
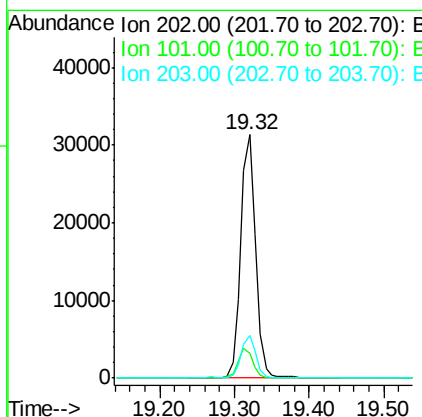
RT: 19.32 min Scan# 1438

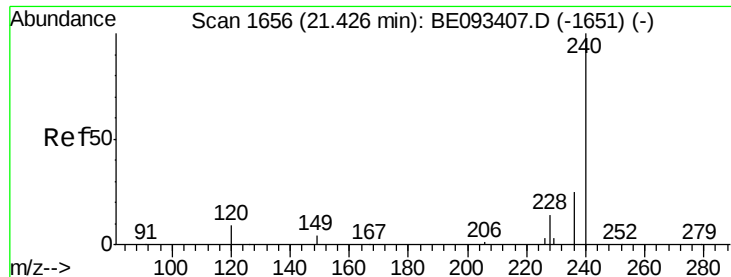
Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42774		
101	11.8	9.6	14.4	
203	16.9	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: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 240 Resp: 38025

Ion Ratio Lower Upper

240 100

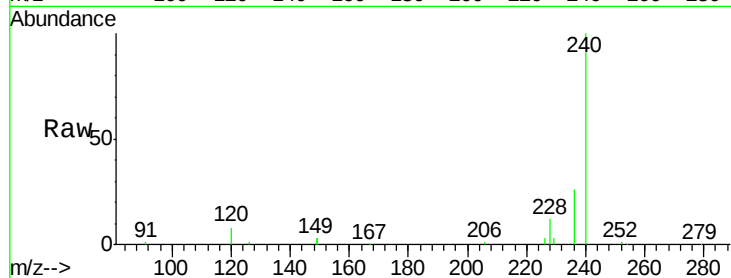
120 8.2 4.6 7.0#

236 26.4 20.8 31.2

Manual Integrations
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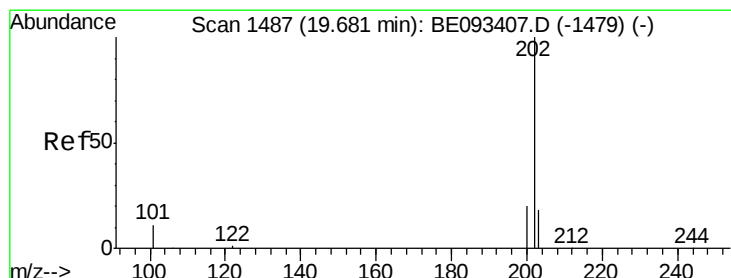
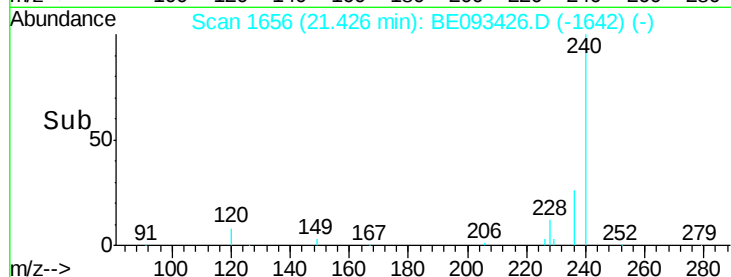
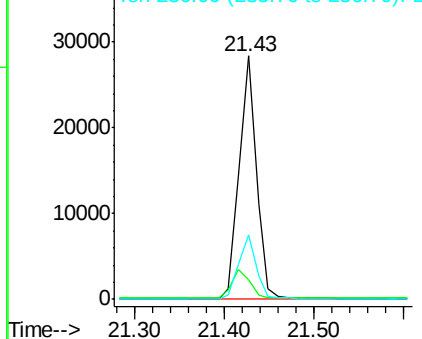
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.410 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

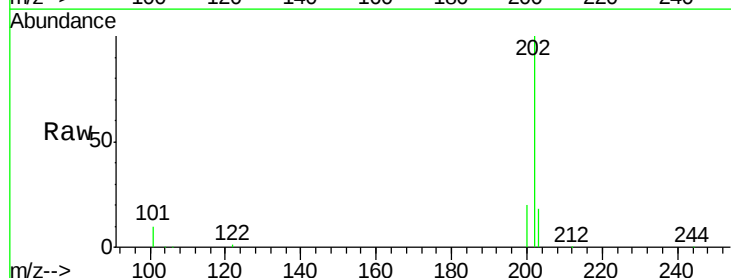
Tgt Ion: 202 Resp: 43844

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

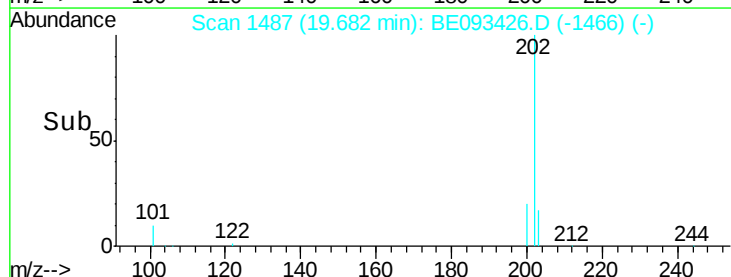
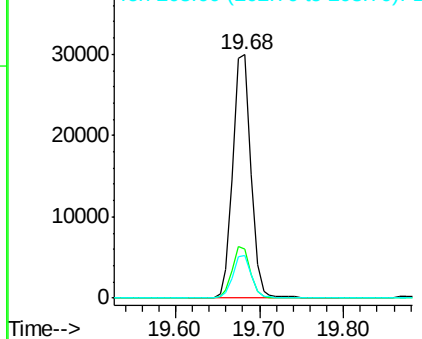
203 17.6 13.7 20.5

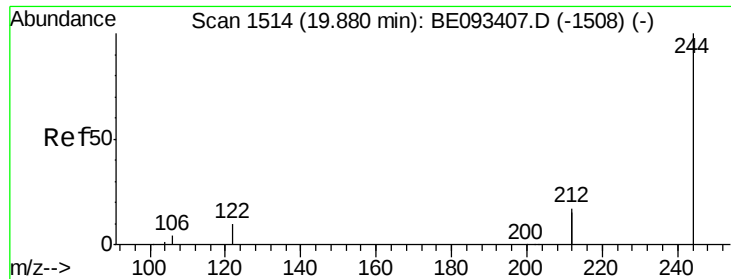


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE093426.D

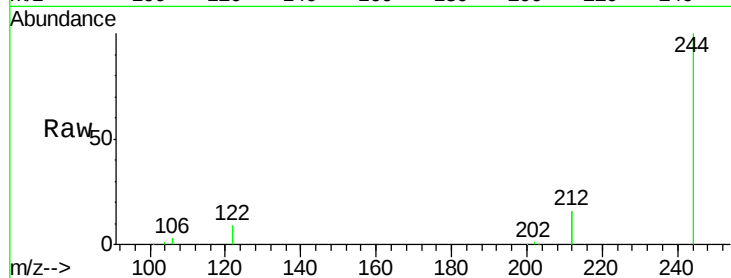
Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 244 Resp: 27420

Ion Ratio Lower Upper

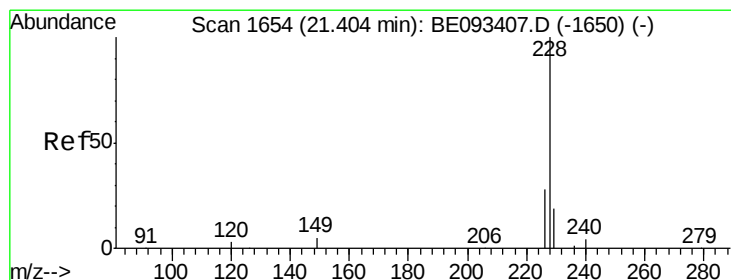
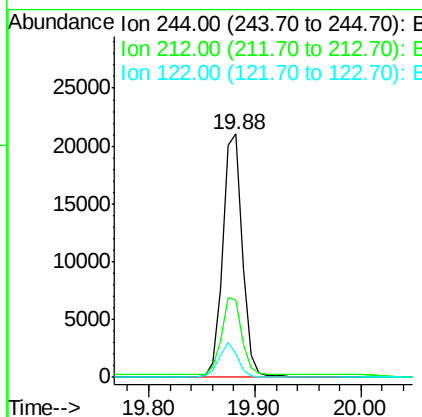
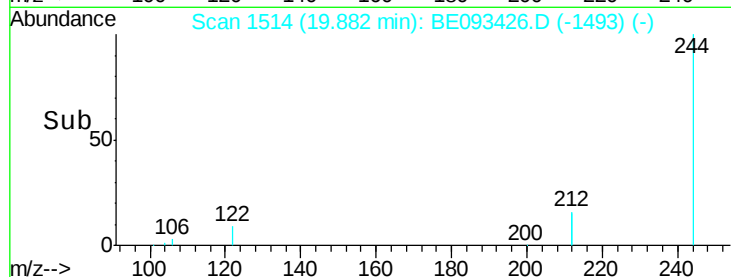
244 100

212 31.7 10.6 16.0#

122 9.4 15.4 23.0#

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#30

Benzo(a)anthracene

Concen: 0.409 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

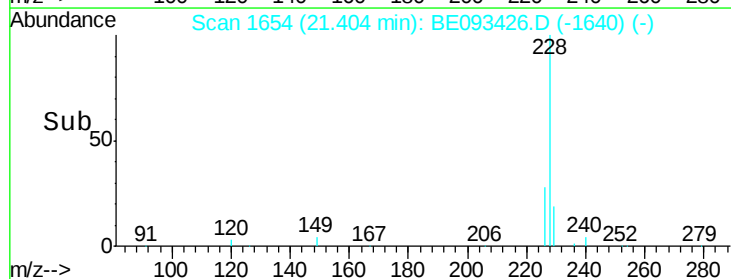
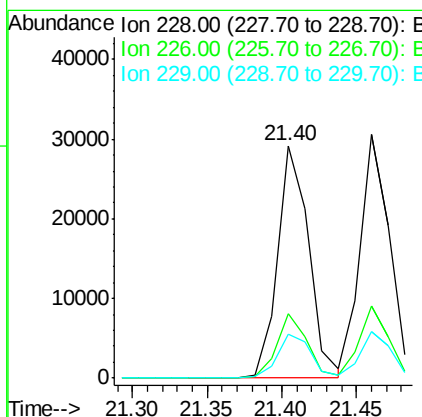
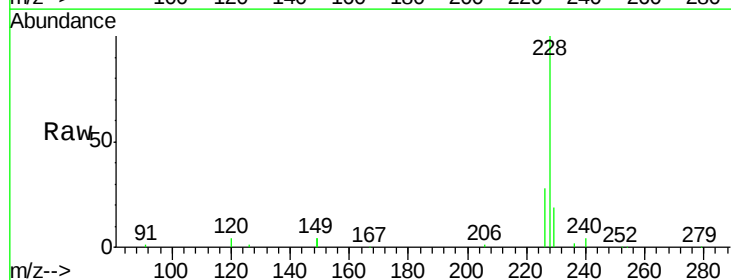
Tgt Ion: 228 Resp: 41999

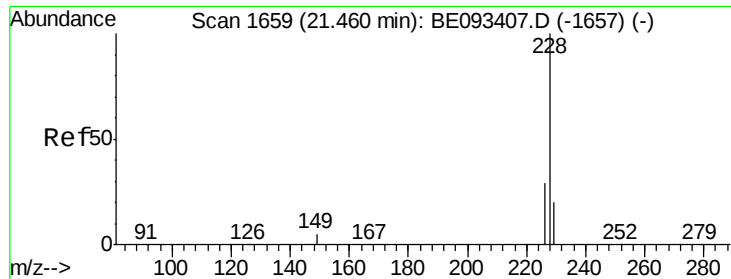
Ion Ratio Lower Upper

228 100

226 27.9 19.7 29.5

229 19.1 19.2 28.8#





#31

Chrysene

Concen: 0.391 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

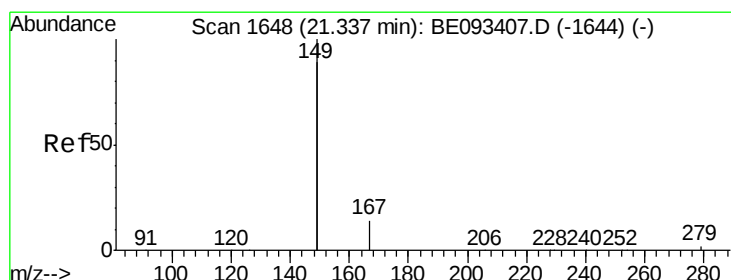
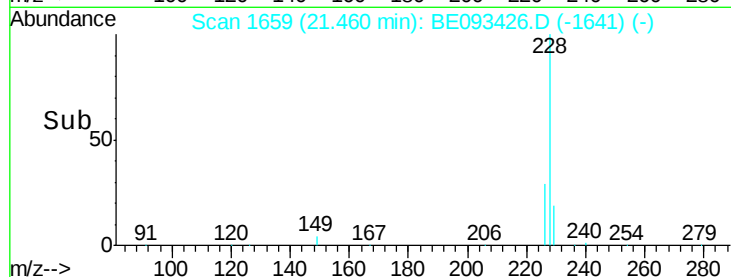
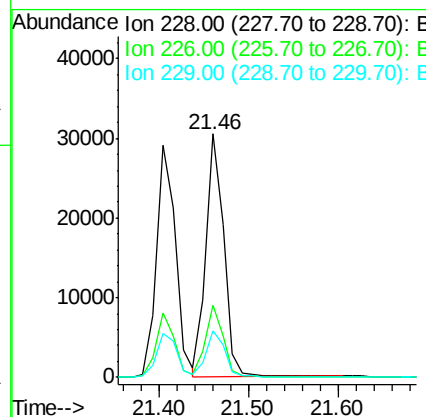
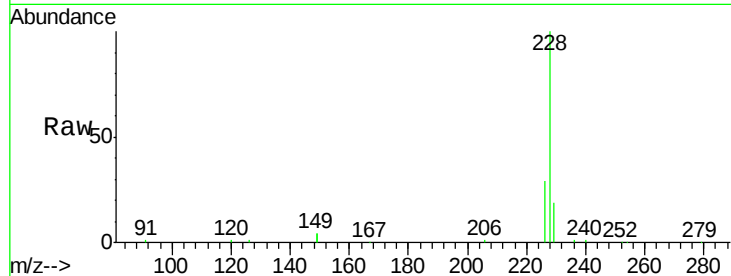
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	228	Resp:	42017
Ion Ratio	Lower	Upper	
228	100		
226	29.4	21.5	32.3
229	19.1	18.6	28.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.490 ng

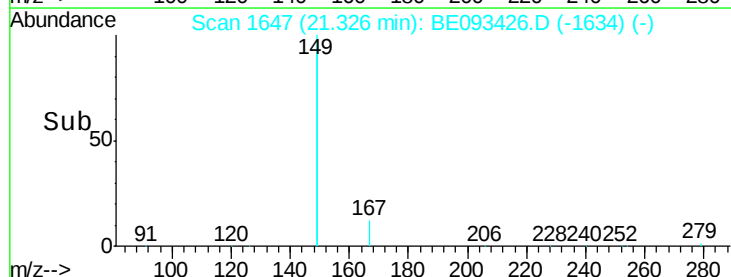
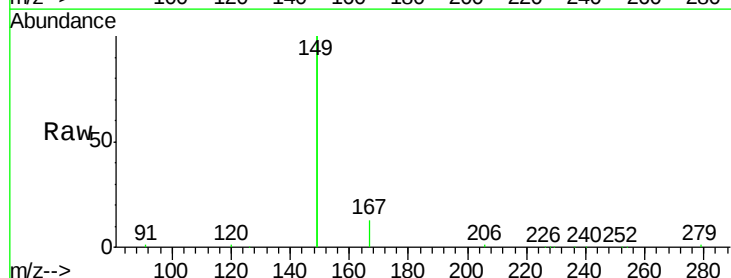
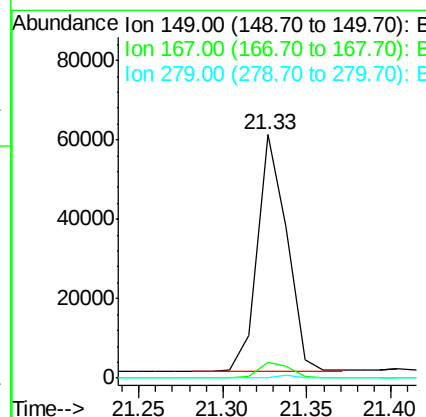
RT: 21.33 min Scan# 1647

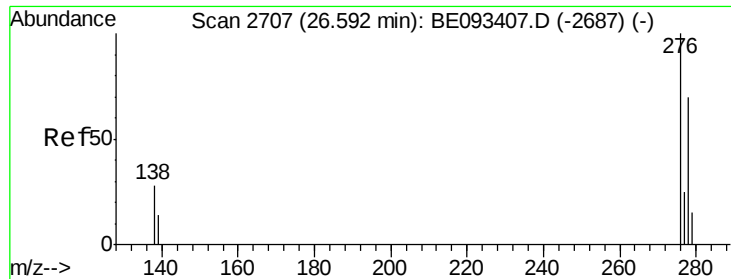
Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion:	149	Resp:	72428
Ion Ratio	Lower	Upper	
149	100		
167	6.9	20.1	30.1#
279	0.9	2.2	3.4#





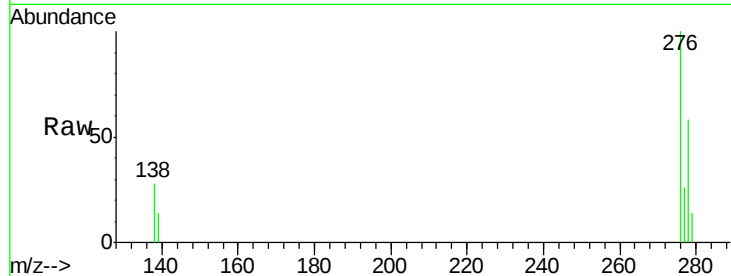
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. -0.01 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

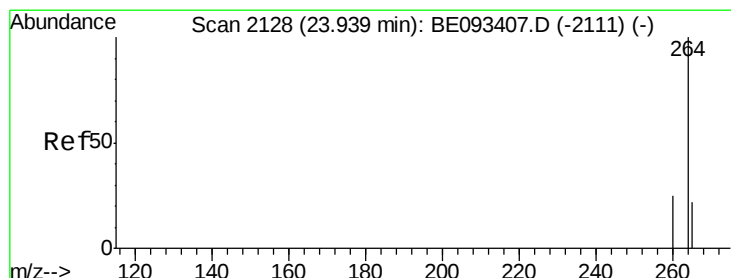
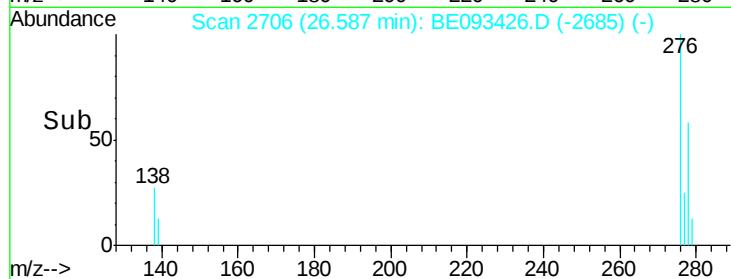
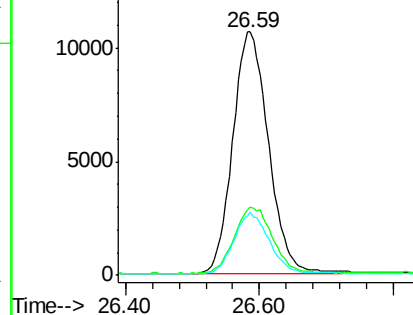
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.4	41.2
277	24.8	20.1	30.1

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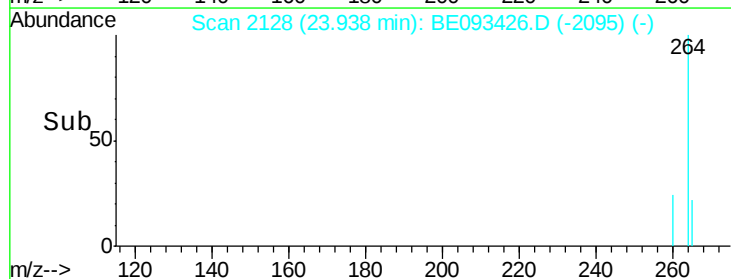
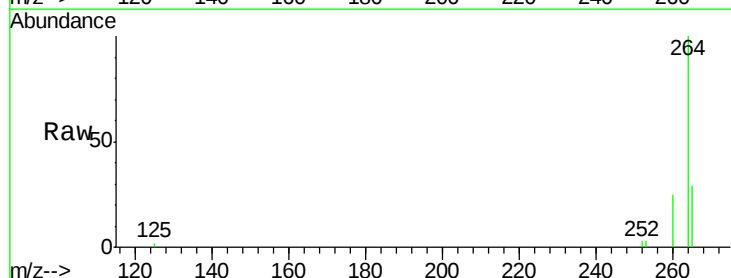
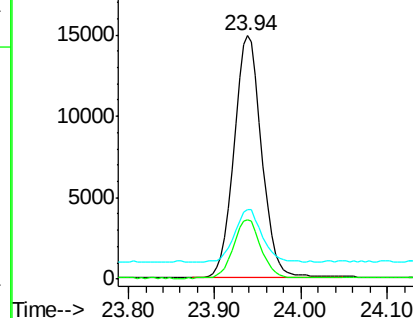
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

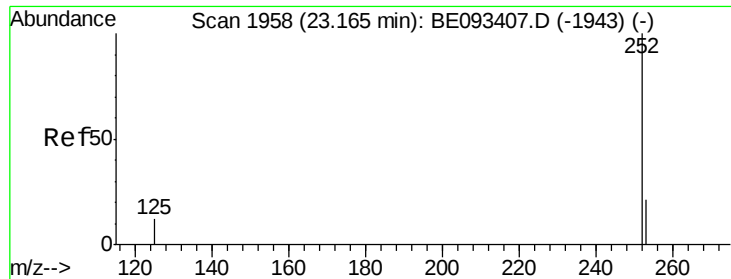


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093426.D
 Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	28.6	24.6	36.8

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





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

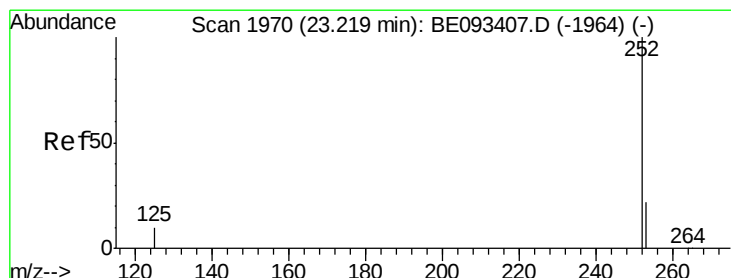
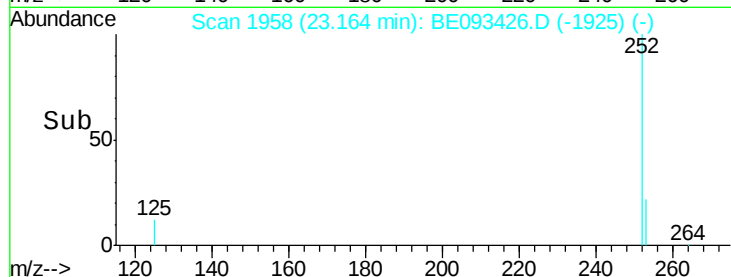
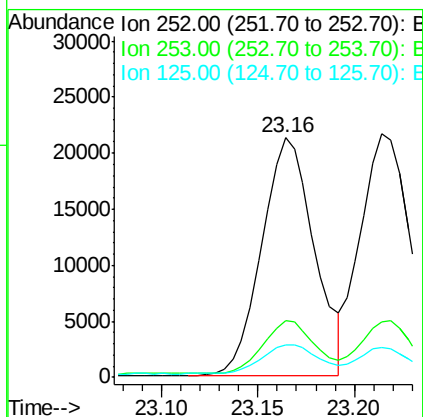
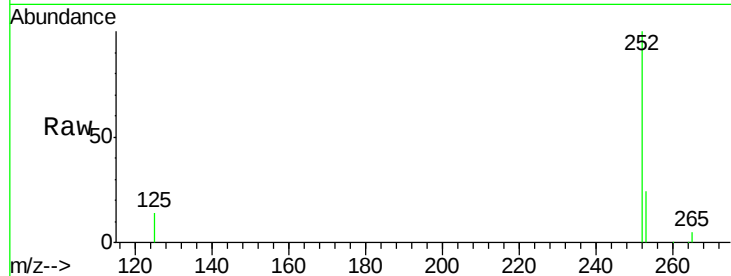
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	13.7	13.4	20.0

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#36

Benzo(k)fluoranthene

Concen: 0.370 ng m

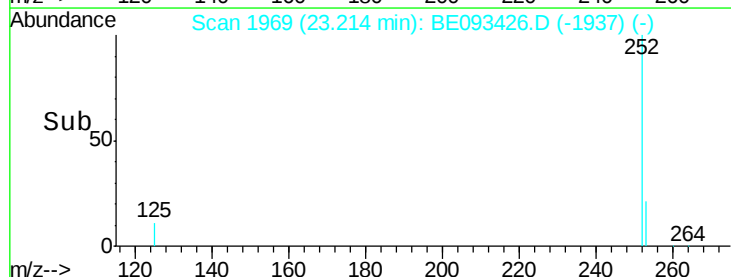
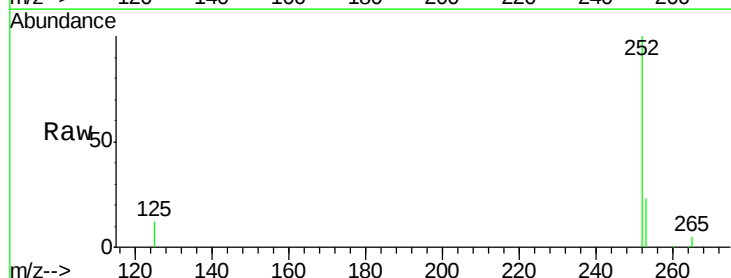
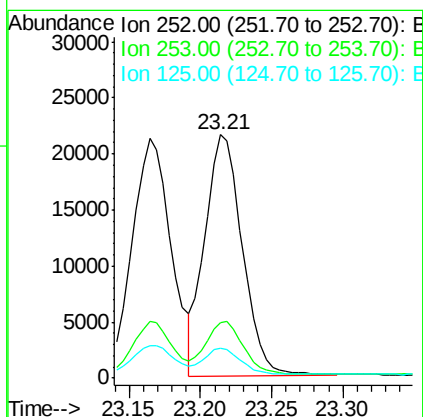
RT: 23.21 min Scan# 1969

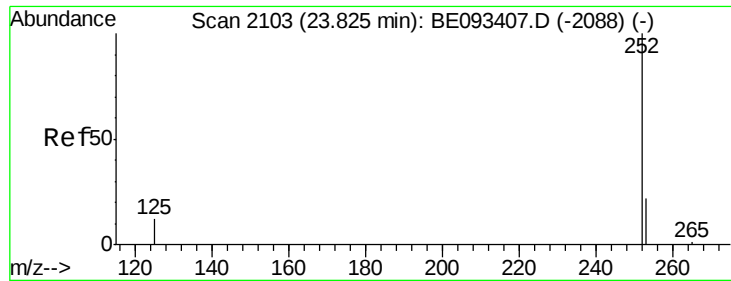
Delta R.T. -0.01 min

Lab File: BE093426.D

Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	12.1	12.2	18.4#





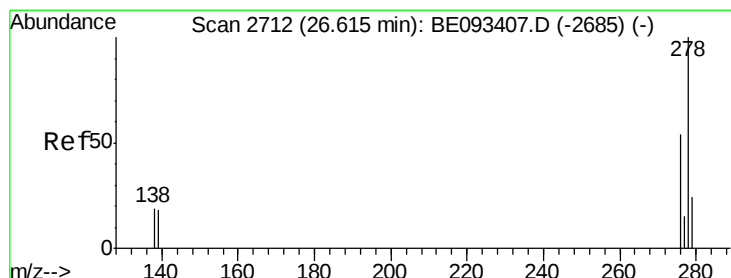
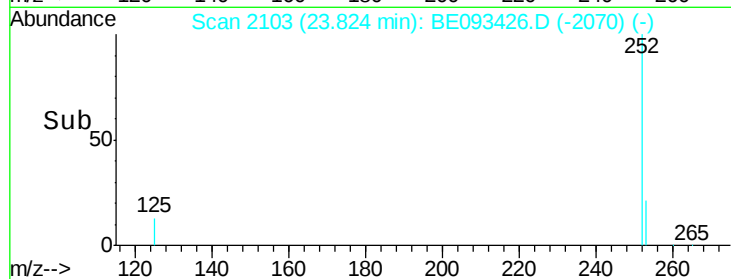
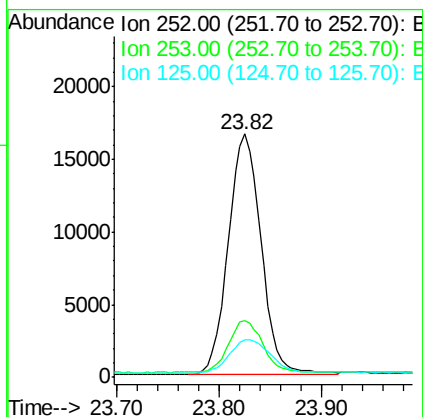
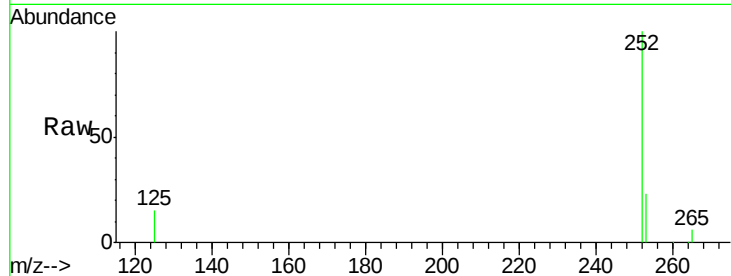
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	15.2	14.6	21.8

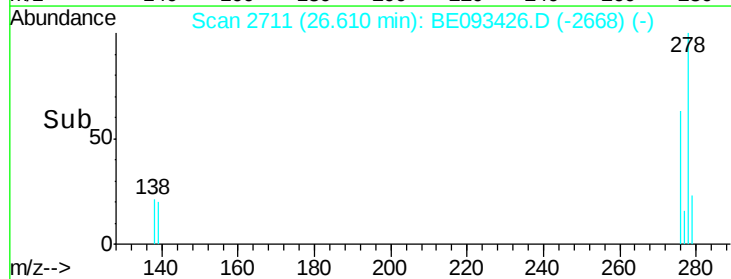
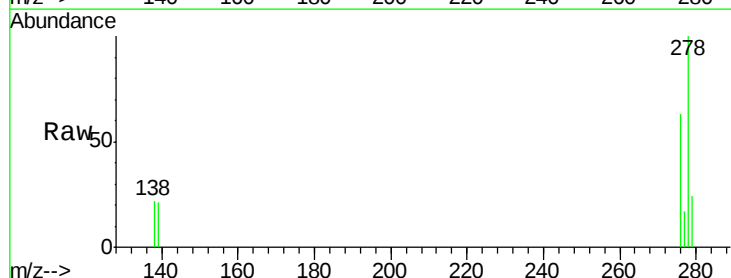
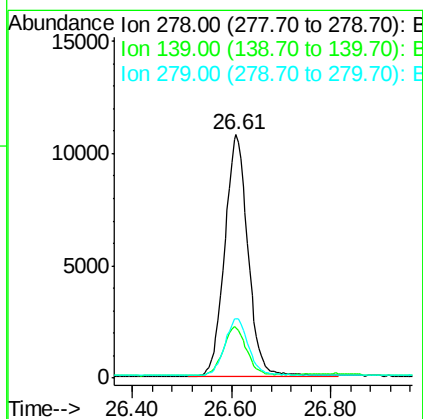
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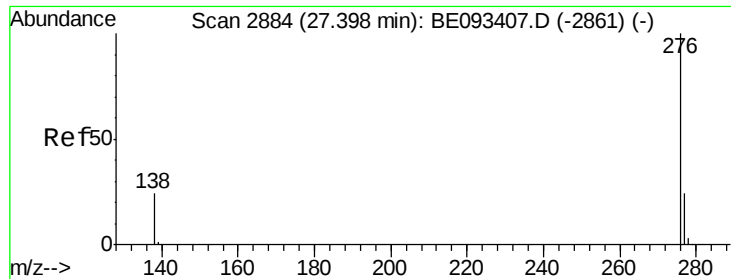
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#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.61 min Scan# 2711
Delta R.T. -0.01 min
Lab File: BE093426.D
Acq: 6 Jul 2017 9:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	21.4	32.0#
279	24.4	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BE093426.D

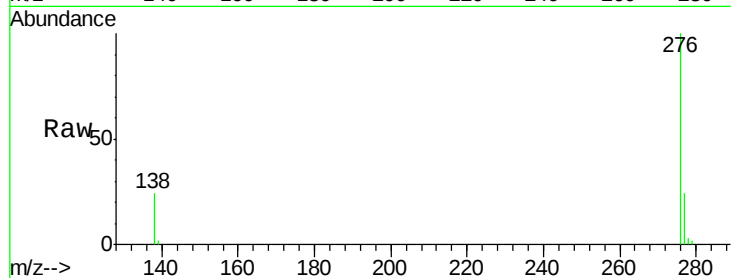
Acq: 6 Jul 2017 9:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.3	21.2	31.8	
138	24.4	24.5	36.7	

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