

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093733.D
 Acq On : 18 Mar 2017 5:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:20 PM

Quant Time: Mar 18 06:27:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202167	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	840209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	390628	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	671499	20.00	ng	0.00
75) Chrysene-d12	13.99	240	439498	20.00	ng	-0.01
86) Perylene-d12	15.41	264	422404	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	962571	79.38	ng	0.00
7) Phenol-d6	6.48	99	1242303	82.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1127055	80.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	241861	94.60	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1715881	82.89	ng	0.00
78) Terphenyl-d14	12.95	244	1653674	80.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	248848	39.74	ng	100
3) Pyridine	3.16	79	701399	40.95	ng	98
4) n-Nitrosodimethylamine	3.10	42	298705	39.86	ng	100
6) Aniline	6.50	93	840716	39.13	ng	99
8) 2-Chlorophenol	6.63	128	529686	39.29	ng	100
9) Benzaldehyde	6.39	77	344836	42.92	ng	98
10) Phenol	6.49	94	766815	43.64	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	568738	41.07	ng	99
12) 1,3-Dichlorobenzene	6.79	146	602808	40.36	ng	100
13) 1,4-Dichlorobenzene	6.87	146	623505	40.76	ng	99
14) 1,2-Dichlorobenzene	7.02	146	535995	37.47	ng	99
15) Benzyl Alcohol	6.98	79	431011	38.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	828365	37.94	ng	100
17) 2-Methylphenol	7.10	107	467105	40.02	ng	99
18) Hexachloroethane	7.36	117	211934	39.00	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	396580	39.74	ng	99
20) 3+4-Methylphenols	7.26	107	524591	37.91	ng	98
22) Acetophenone	7.26	105	665061	35.53	ng	99
24) Nitrobenzene	7.43	77	601596	39.75	ng	99
25) Isophorone	7.67	82	1048739	38.92	ng	99
26) 2-Nitrophenol	7.75	139	284686	49.68	ng	99
27) 2,4-Dimethylphenol	7.78	122	491504	37.49	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	684008	40.21	ng	100
29) 2,4-Dichlorophenol	7.99	162	468947	41.63	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	472516	40.24	ng	98
31) Naphthalene	8.16	128	1635797	39.93	ng	99
32) Benzoic acid	7.90	122	325710	40.80	ng	98
33) 4-Chloroaniline	8.20	127	632562	36.87	ng	99
34) Hexachlorobutadiene	8.29	225	241289	39.24	ng	98
35) Caprolactam	8.57	113	157981	41.78	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	480063	40.47	ng	97
37) 2-Methylnaphthalene	8.85	142	1054793	39.75	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412057	45.05	ng	99
40) Hexachlorocyclopentadiene	9.01	237	202531	44.32	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093733.D
 Acq On : 18 Mar 2017 5:32
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
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Quant Time: Mar 18 06:27:45 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	290310	43.04	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	315893m	45.43	ng	
45) 1,1'-Biphenyl	9.32	154	1234879	45.09	ng	98
46) 2-Chloronaphthalene	9.34	162	956066	43.50	ng	99
47) 2-Nitroaniline	9.42	65	269636	42.40	ng	98
48) Acenaphthylene	9.75	152	1679500	46.86	ng	100
49) Dimethylphthalate	9.61	163	1071473	41.99	ng	100
50) 2,6-Dinitrotoluene	9.67	165	281642	51.10	ng	95
51) Acenaphthene	9.92	154	965524	45.71	ng	100
52) 3-Nitroaniline	9.83	138	272870	41.73	ng	99
53) 2,4-Dinitrophenol	9.93	184	95325	47.87	ng	88
54) Dibenzofuran	10.09	168	1339463	46.65	ng	100
55) 4-Nitrophenol	9.98	139	241542	48.97	ng	# 52
56) 2,4-Dinitrotoluene	10.07	165	371793	50.68	ng	98
57) Fluorene	10.44	166	1010298	43.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	234395	49.02	ng	99
59) Diethylphthalate	10.31	149	1050457	43.25	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	398821	40.64	ng	96
61) 4-Nitroaniline	10.45	138	306723	50.41	ng	99
62) Azobenzene	10.58	77	1013907	41.32	ng	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	133370	38.10	ng	98
65) n-Nitrosodiphenylamine	10.54	169	874662	38.59	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	269224	42.41	ng	95
67) Hexachlorobenzene	10.98	284	285714	43.06	ng	98
68) Atrazine	11.08	200	289555	44.36	ng	99
69) Pentachlorophenol	11.17	266	167279	44.01	ng	99
70) Phenanthrene	11.38	178	1361882	35.87	ng	99
71) Anthracene	11.44	178	1570389	42.27	ng	100
72) Carbazole	11.59	167	1462607	37.61	ng	100
73) Di-n-butylphthalate	11.93	149	1559401	39.23	ng	100
74) Fluoranthene	12.57	202	1539240	41.84	ng	99
76) Benzidine	12.69	184	697935	40.64	ng	99
77) Pyrene	12.80	202	1660704	44.43	ng	100
79) Butylbenzylphthalate	13.43	149	718984	45.28	ng	100
80) Benzo(a)anthracene	13.98	228	1159609	41.11	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	407628	41.20	ng	99
82) Chrysene	14.03	228	1224696	44.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	776418	44.47	ng	100
84) Di-n-octyl phthalate	14.60	149	1443770	44.86	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	972312	42.11	ng	99
87) Benzo(b)fluoranthene	15.01	252	1093266	40.83	ng	98
88) Benzo(k)fluoranthene	15.03	252	957652m	40.47	ng	
89) Benzo(a)pyrene	15.35	252	959813	40.56	ng	100
90) Dibenzo(a,h)anthracene	16.80	278	827498	41.33	ng	100
91) Benzo(g,h,i)perylene	17.19	276	840205	41.27	ng	99

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

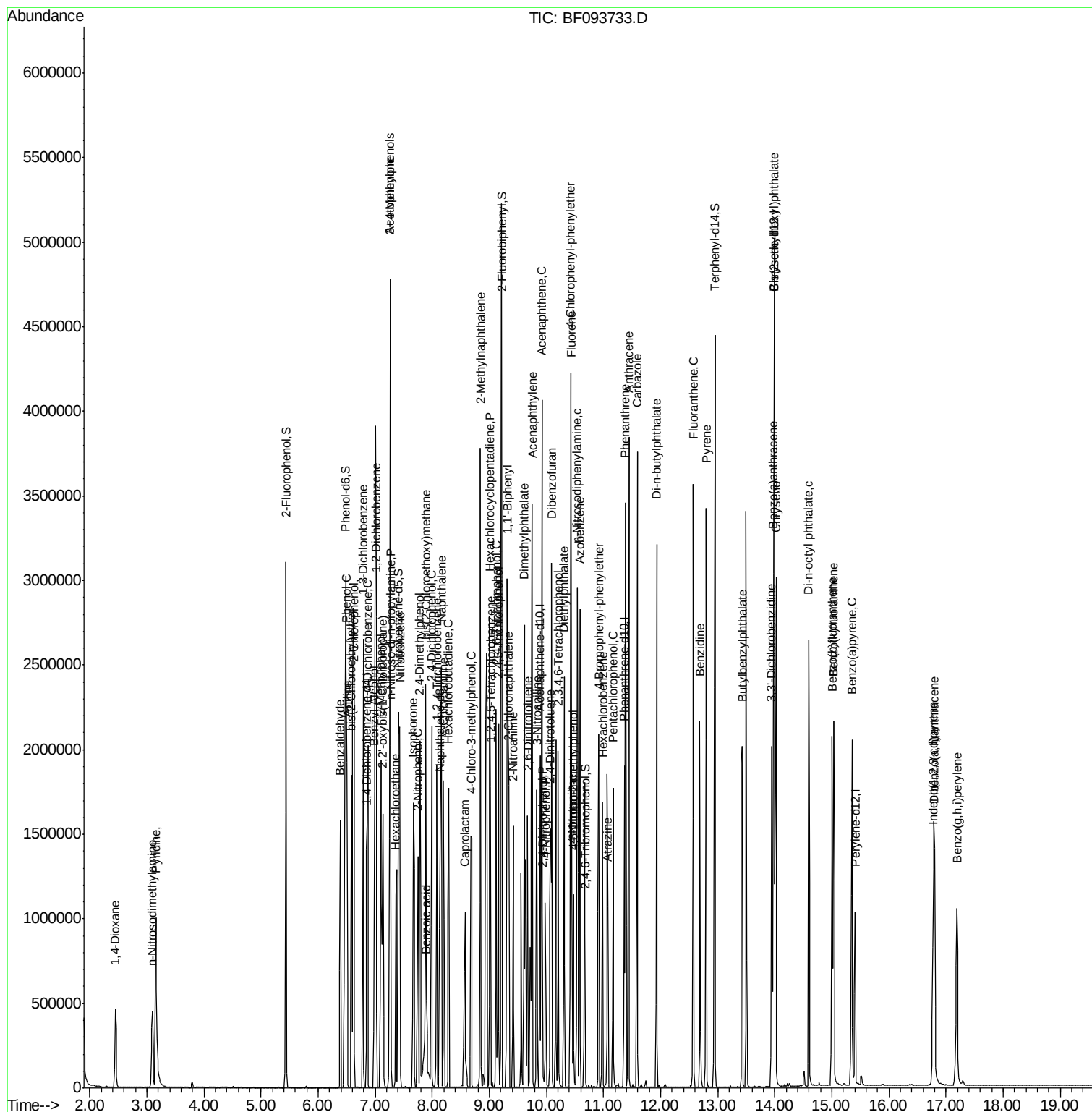
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093733.D
Acq On    : 18 Mar 2017    5:32
Operator  : SJ/MA
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 5    Sample Multiplier: 1
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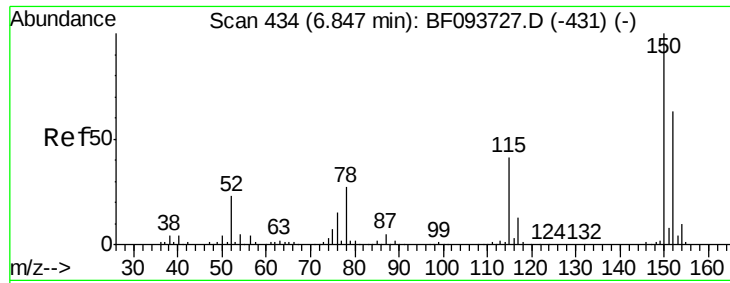
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

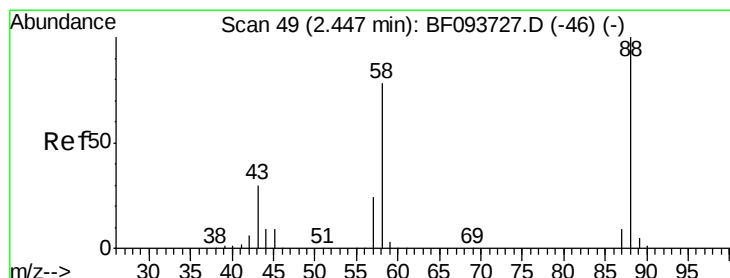
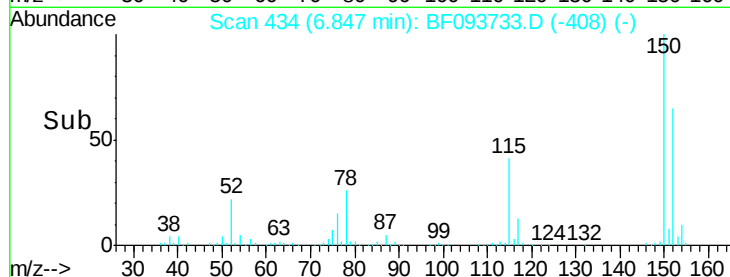
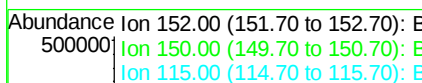
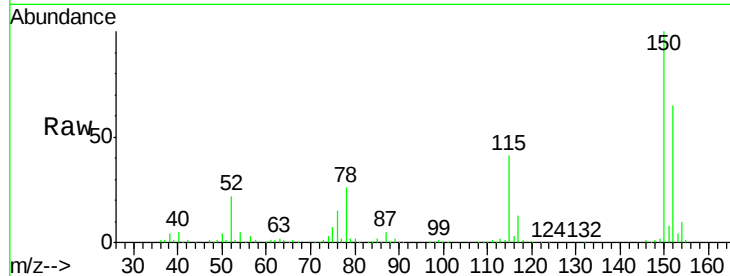
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	202167
Ion Ratio	Lower	Upper	
152	100		
150	153.9	126.2	189.2
115	63.5	52.2	78.2

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#2

1,4-Dioxane

Concen: 39.74 ng

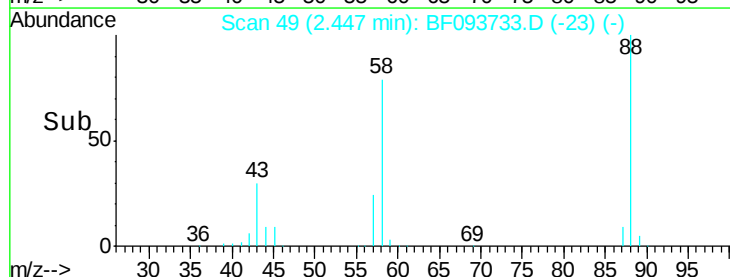
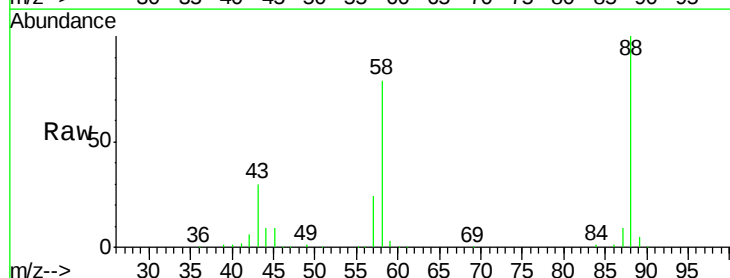
RT: 2.45 min Scan# 49

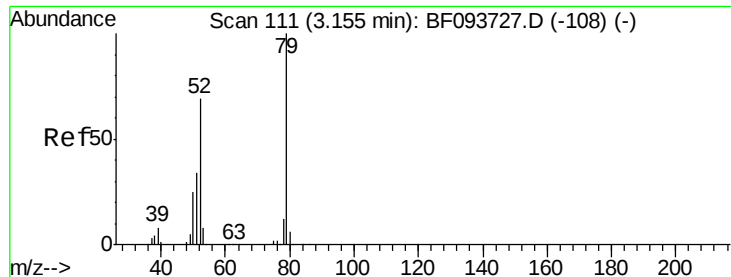
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	88	Resp:	248848
Ion Ratio	Lower	Upper	
88	100		
58	76.3	61.4	92.0
43	29.2	23.4	35.0





#3

Pyridine

Concen: 40.95 ng

RT: 3.16 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

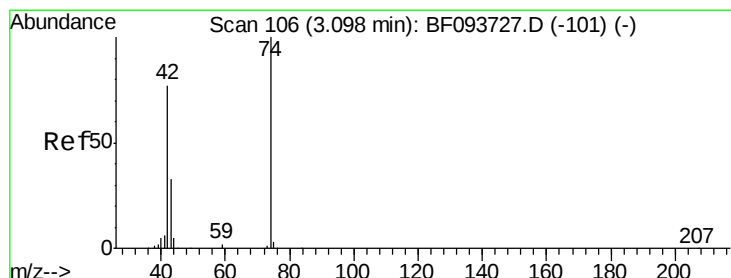
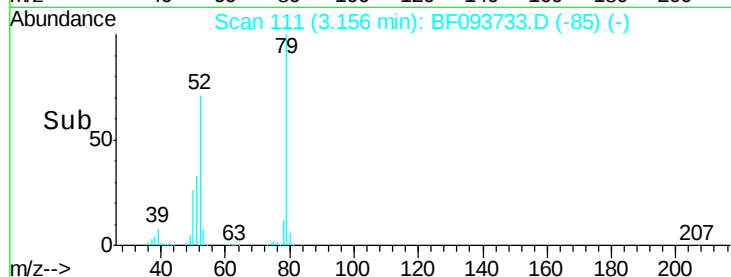
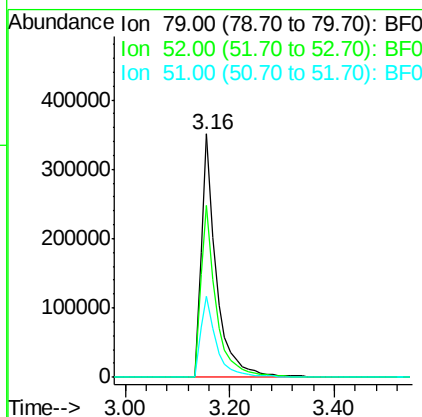
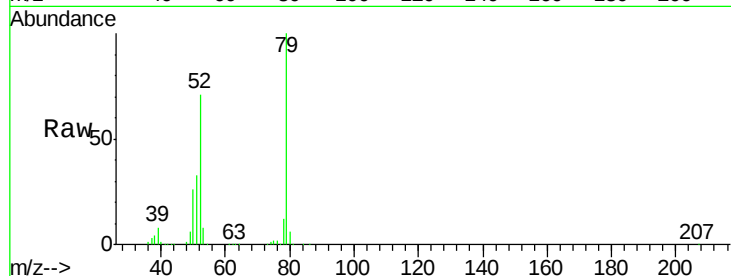
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	701399
Ion	Ratio	Lower	Upper
79	100		
52	70.5	54.8	82.2
51	33.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.86 ng

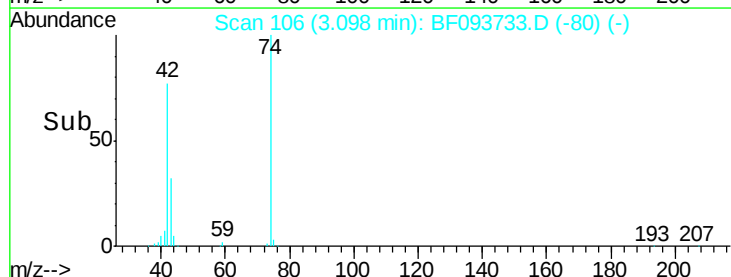
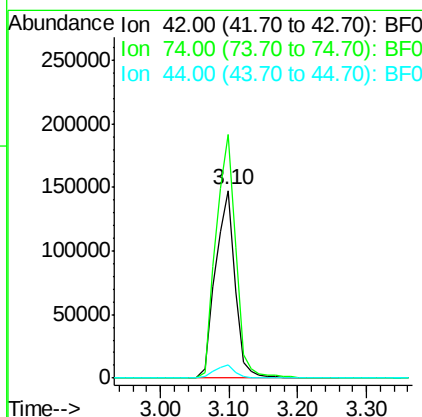
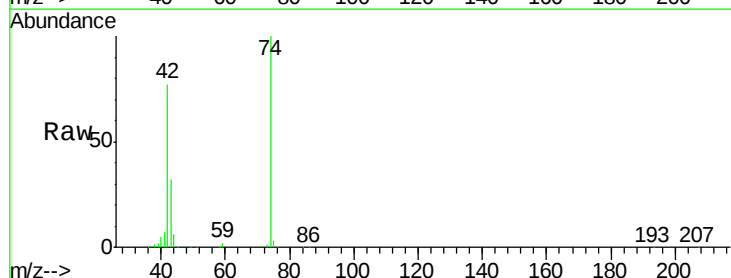
RT: 3.10 min Scan# 106

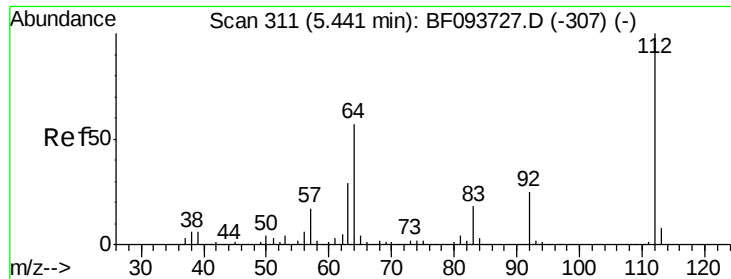
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	42	Resp:	298705
Ion	Ratio	Lower	Upper
42	100		
74	129.7	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 79.38 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

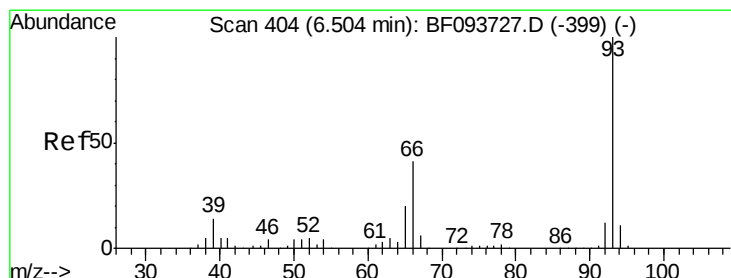
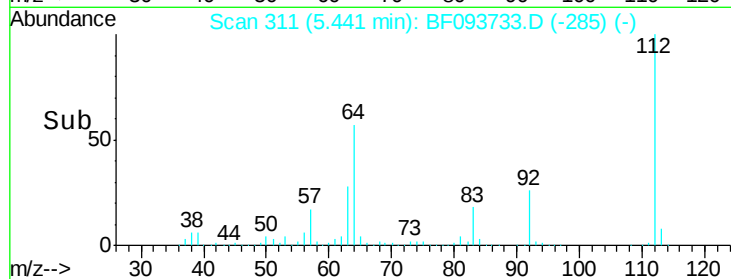
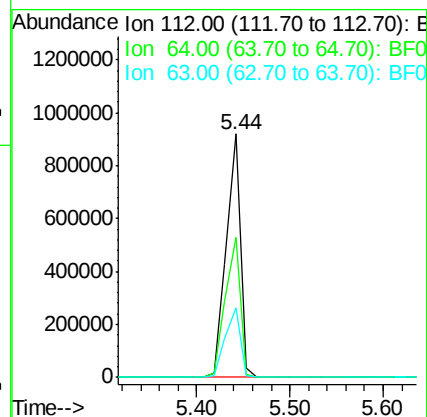
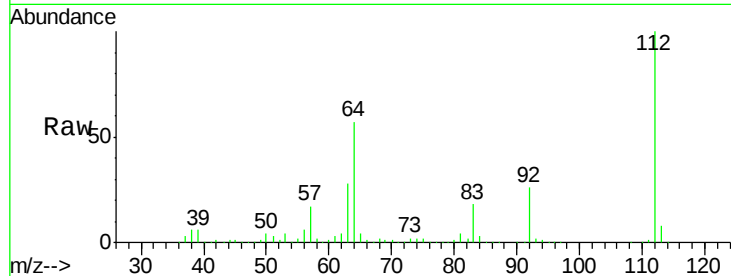
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	962571
Ion Ratio	Lower	Upper	
112	100		
64	57.5	46.0	69.0
63	28.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 39.13 ng

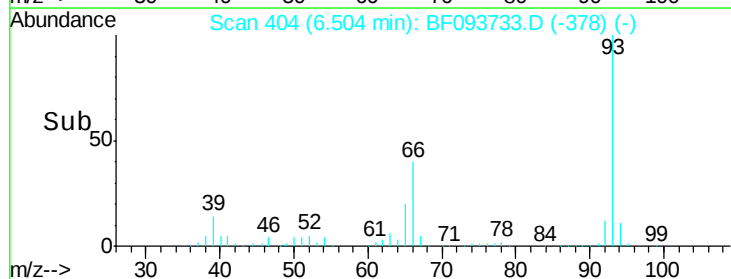
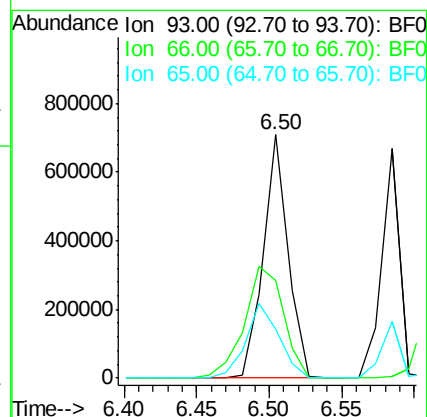
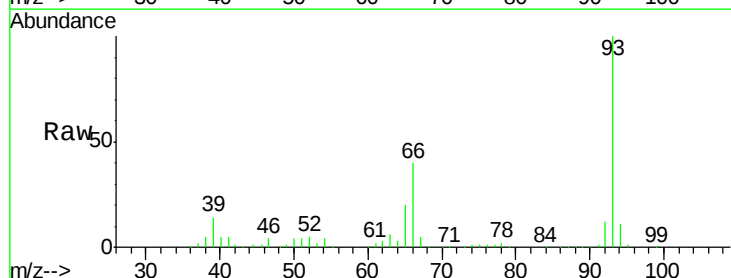
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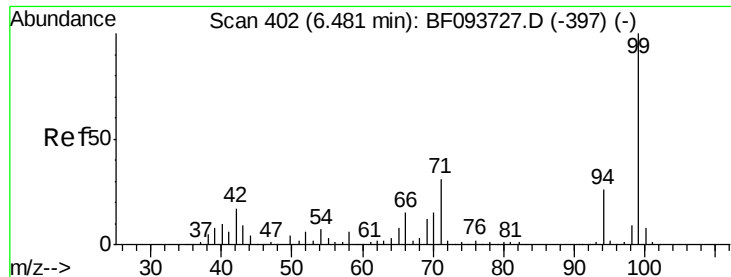
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	93	Resp:	840716
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.9	49.3
65	20.0	16.0	24.0





#7

Phenol-d6

Concen: 82.66 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1242303

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

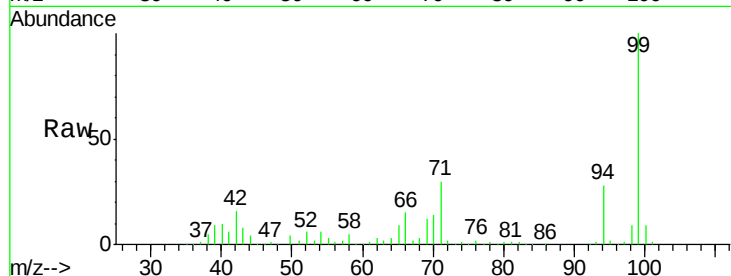
71 30.0 24.5 36.7

Manual Integrations

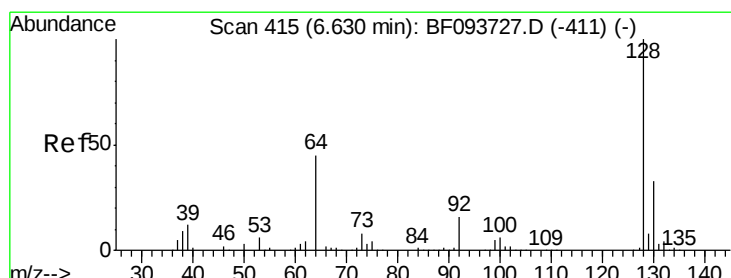
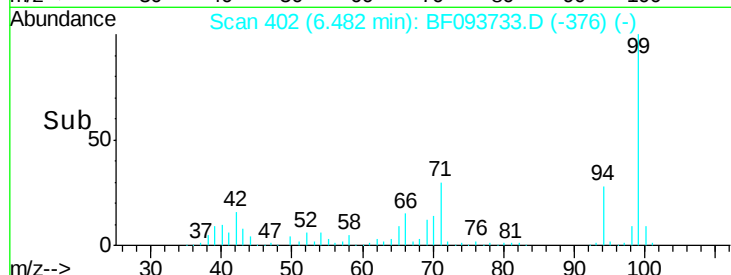
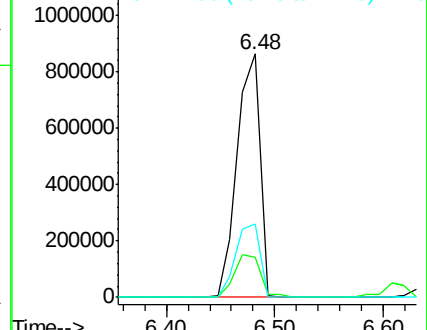
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.29 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

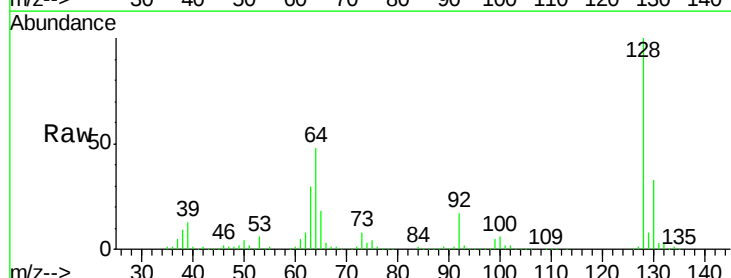
Tgt Ion: 128 Resp: 529686

Ion Ratio Lower Upper

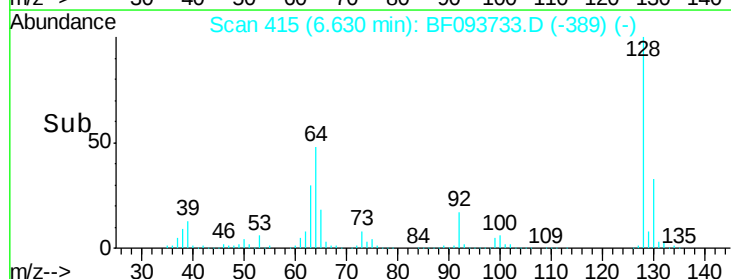
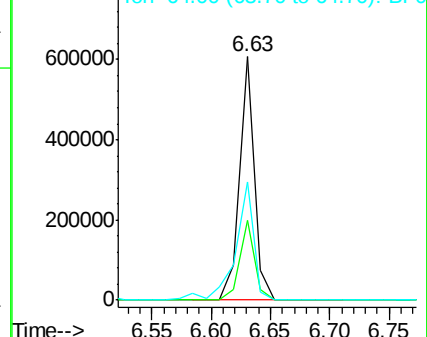
128 100

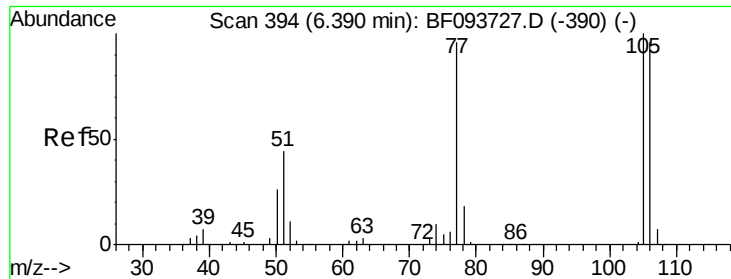
130 32.7 12.9 52.9

64 48.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.92 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

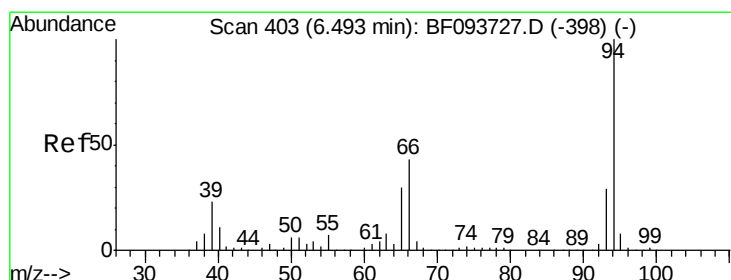
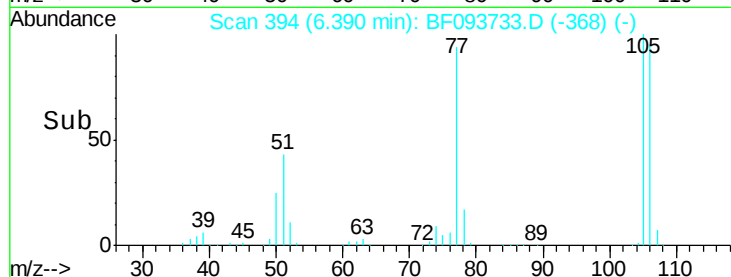
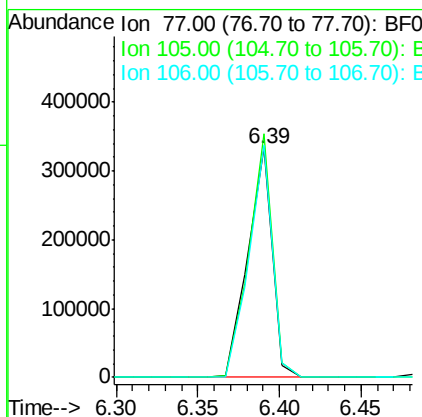
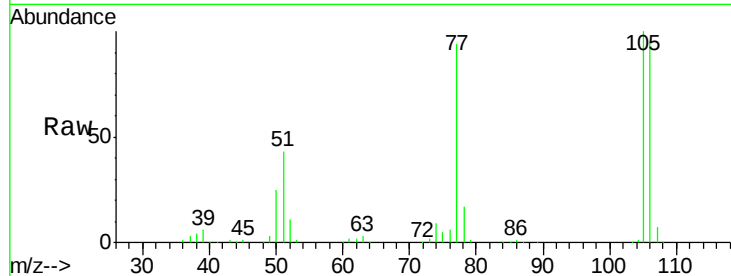
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	344836
Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.8	123.8
106	101.2	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 43.64 ng

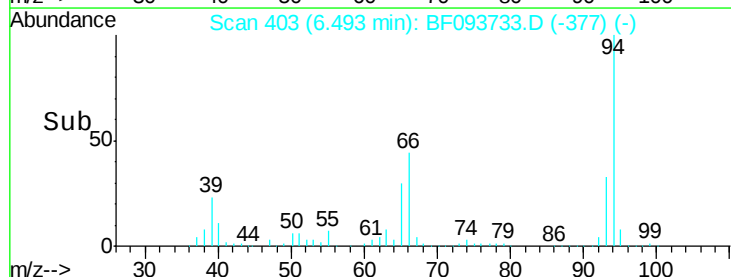
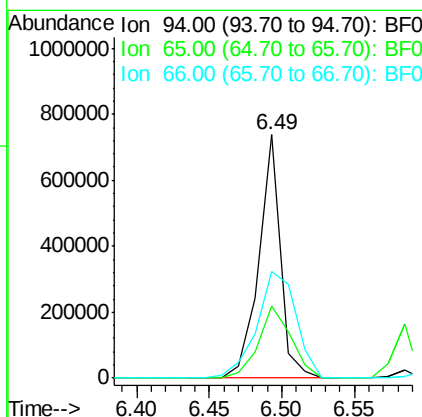
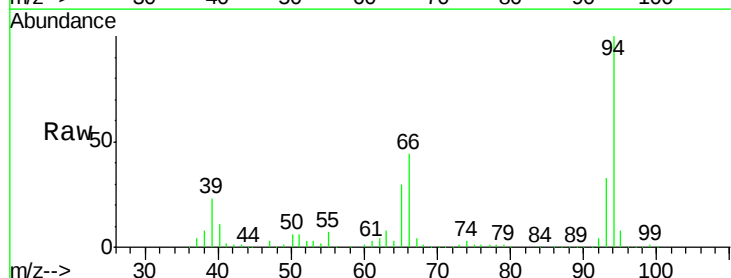
RT: 6.49 min Scan# 403

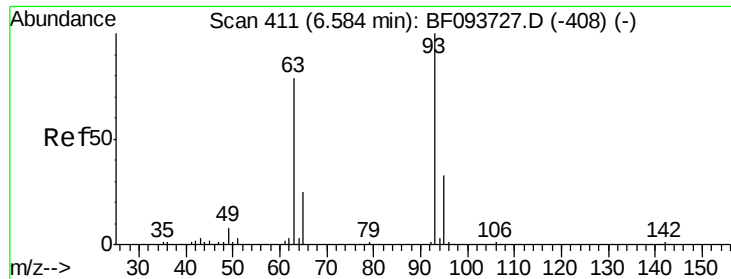
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	94	Resp:	766815
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.9	49.9
66	44.0	23.1	63.1





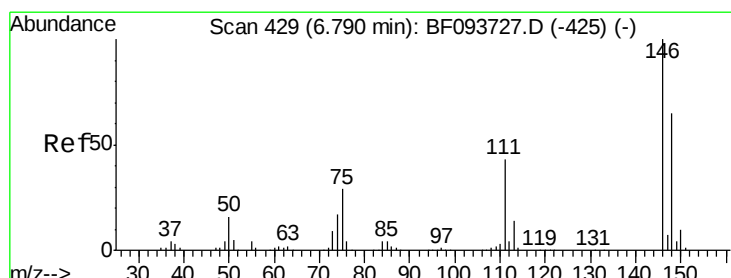
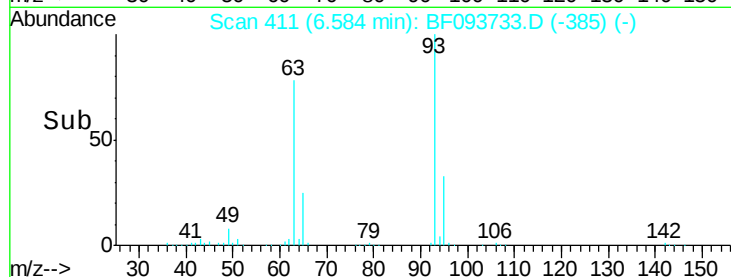
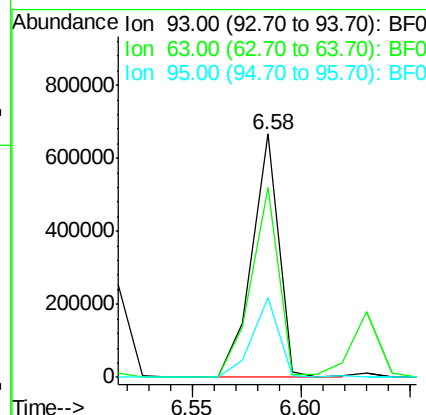
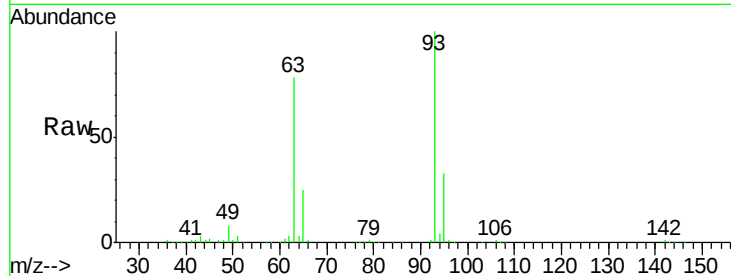
#11
bis(2-Chloroethyl)ether
Concen: 41.07 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	568738
Ion Ratio	Lower	Upper	
93	100		
63	78.1	59.2	99.2
95	33.0	12.8	52.8

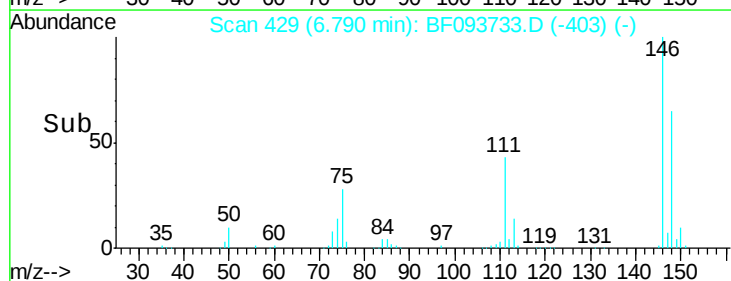
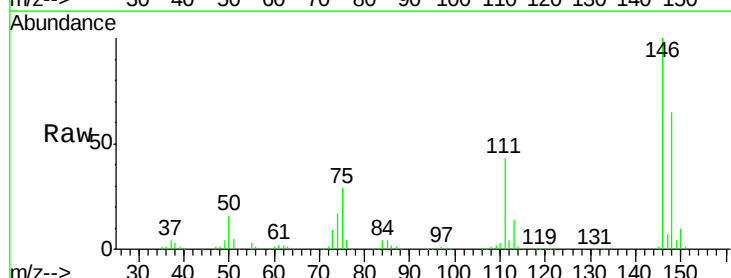
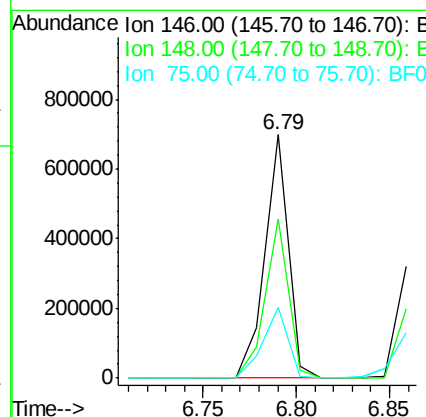
Manual Integrations
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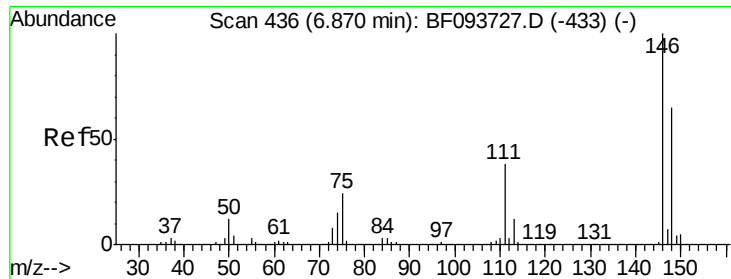
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#12
1,3-Dichlorobenzene
Concen: 40.36 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:	146	Resp:	602808
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
75	28.9	23.1	34.7





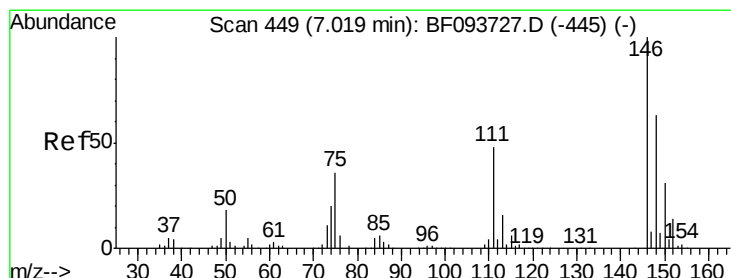
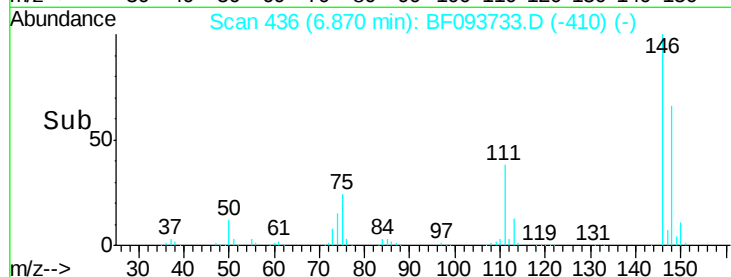
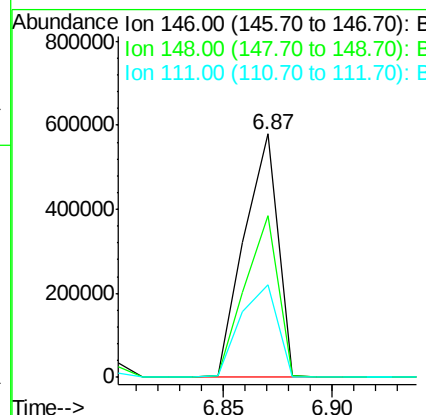
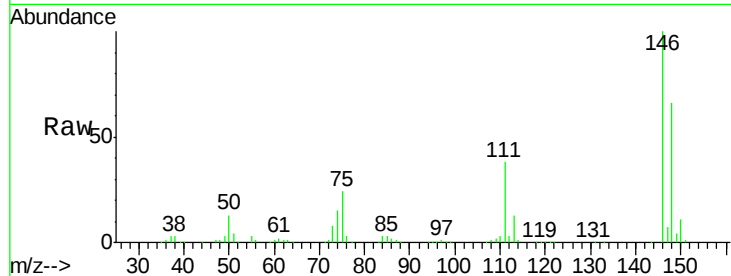
#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	623505		
148	66.3	52.2	78.2	
111	38.1	30.3	45.5	

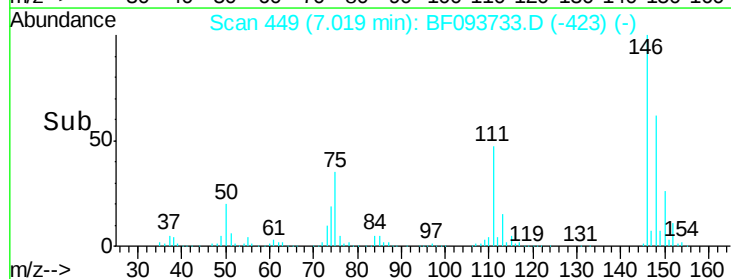
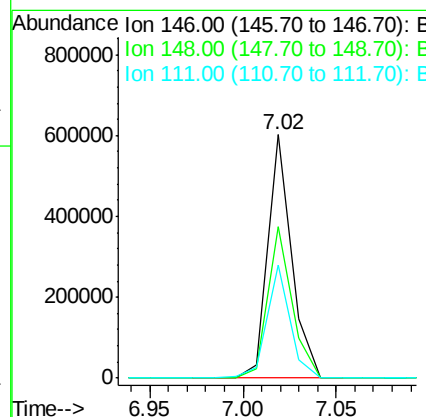
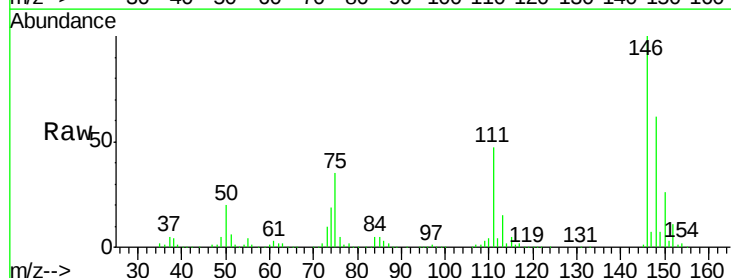
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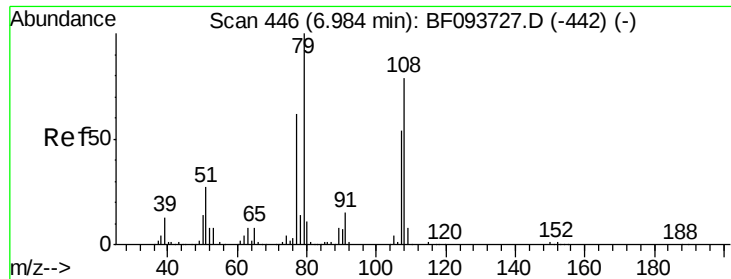
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.47 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	535995		
148	62.3	50.4	75.6	
111	46.6	38.2	57.4	





#15

Benzyl Alcohol

Concen: 38.31 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

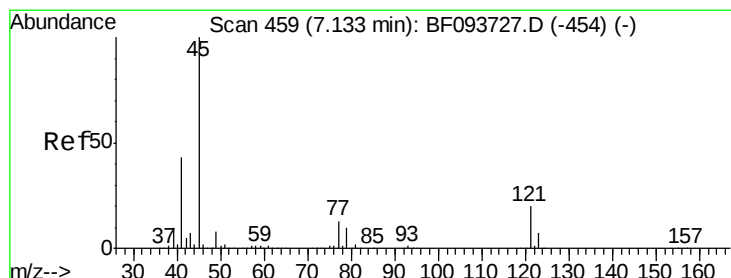
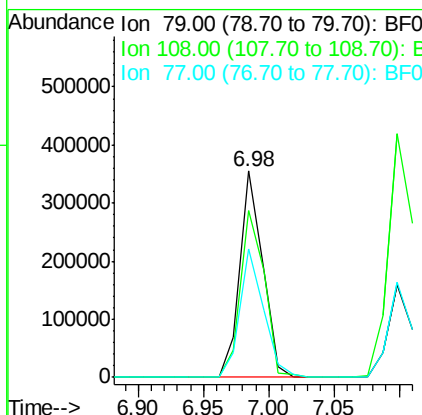
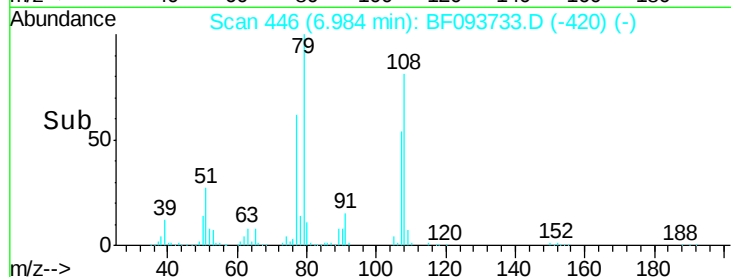
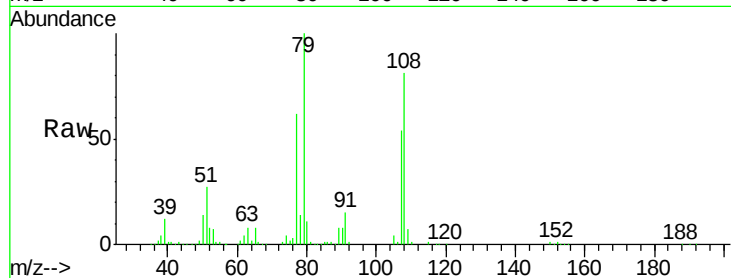
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	431011
Ion Ratio	Lower	Upper	
79	100		
108	80.7	63.4	95.0
77	62.3	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.94 ng

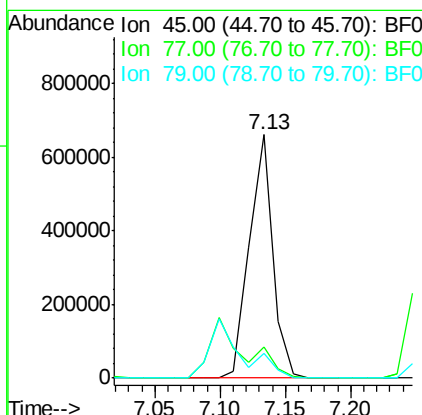
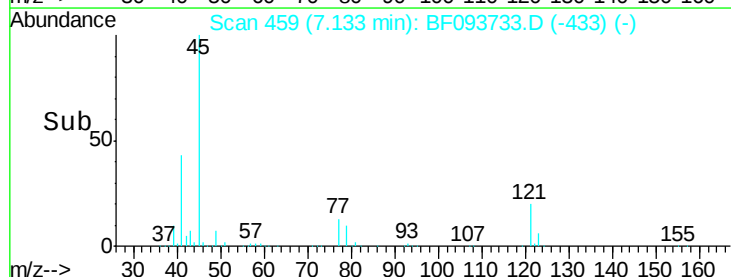
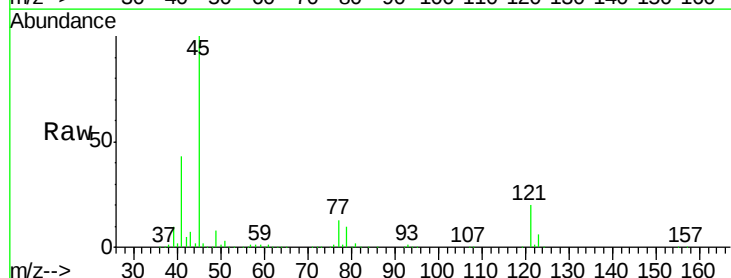
RT: 7.13 min Scan# 459

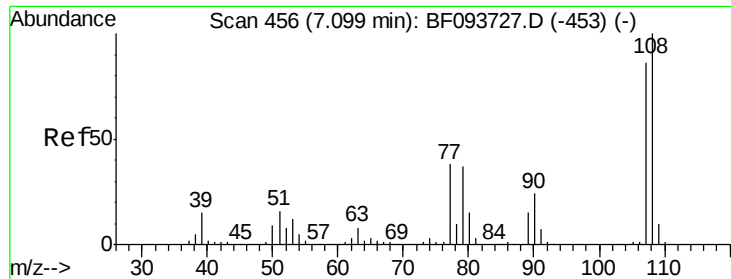
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	45	Resp:	828365
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	33.2
79	10.1	0.0	30.0





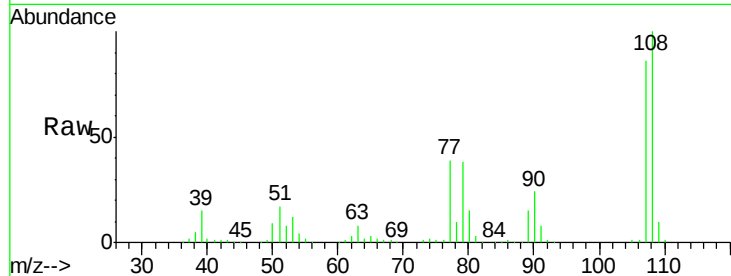
#17
2-Methylphenol
Concen: 40.02 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	467105		
108	116.1	93.4	140.0	
77	45.2	35.8	53.6	
79	44.4	34.8	52.2	

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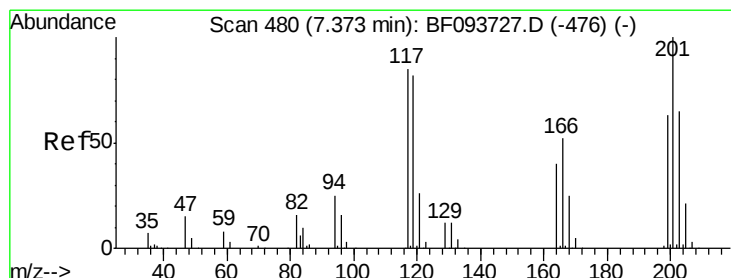
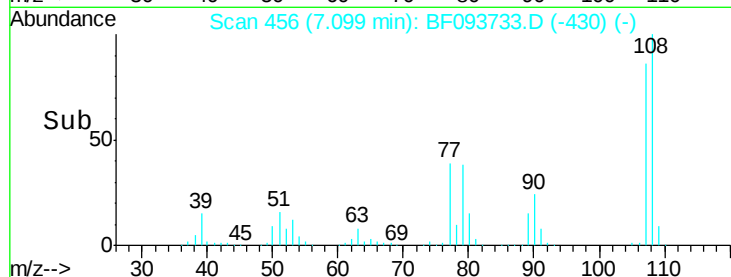
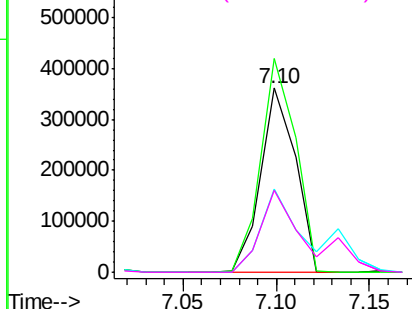
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

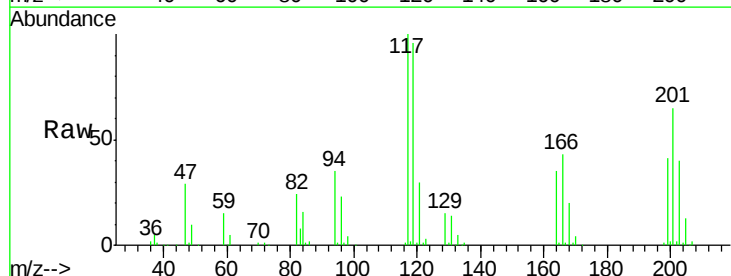
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.00 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211934		
119	96.0	77.4	116.0	
201	65.1	94.6	141.8#	

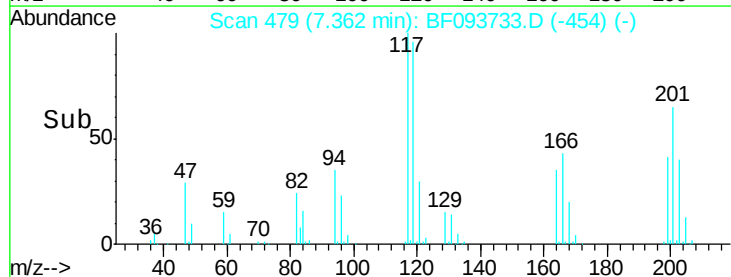
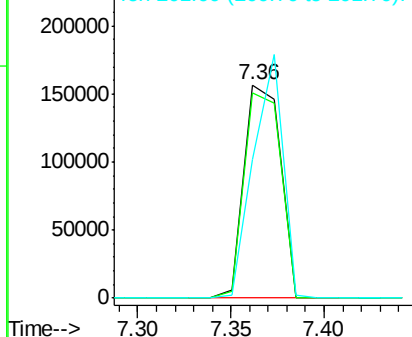


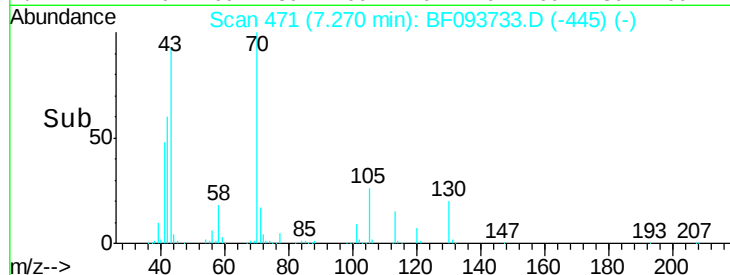
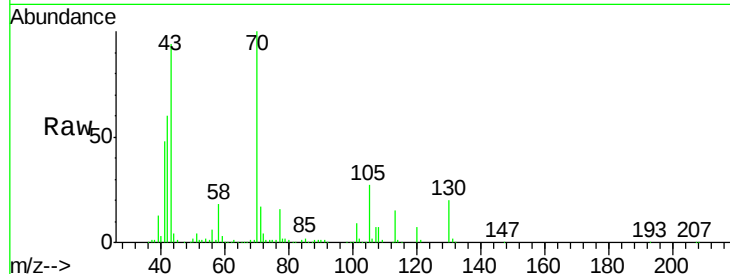
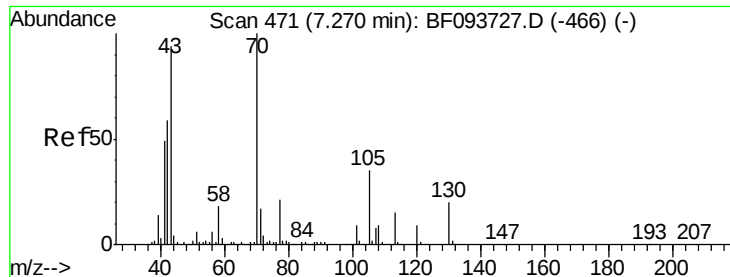
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





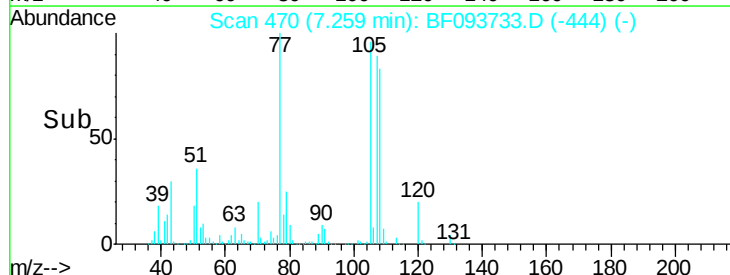
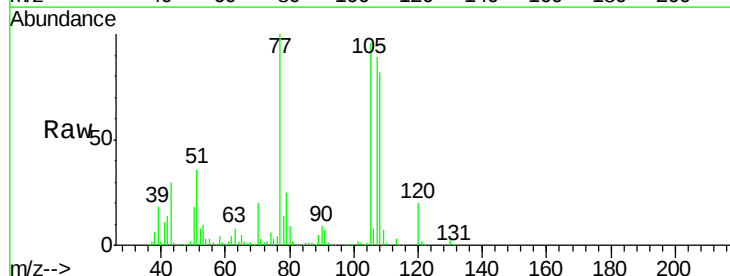
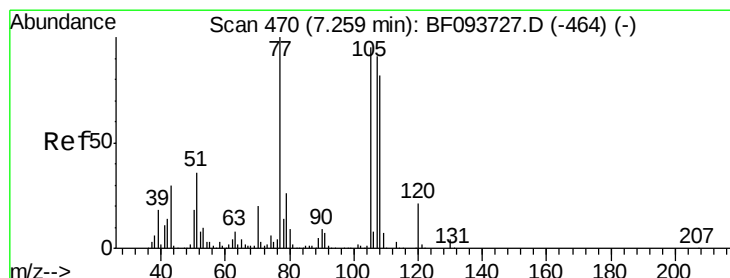
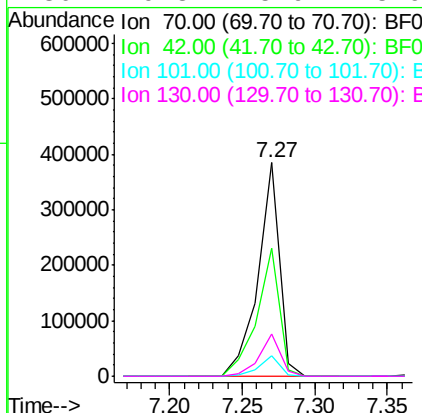
#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	9.4	7.2	10.8
130	19.8	15.9	23.9

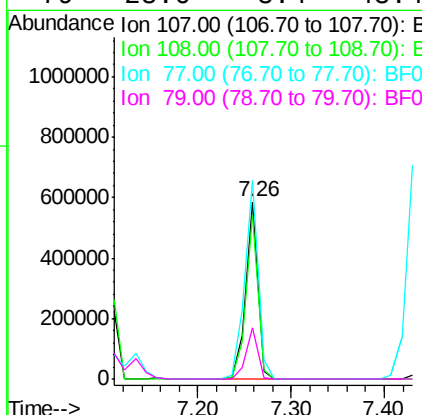
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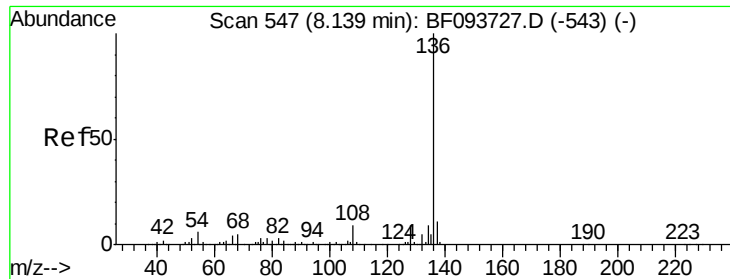
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#20
3+4-Methylphenols
Concen: 37.91 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	112.4	90.5	130.5
79	28.6	8.4	48.4





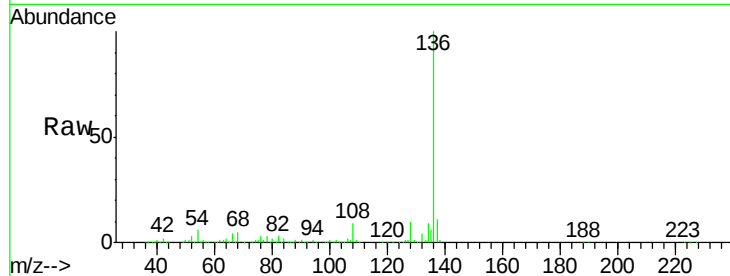
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	840209		
137	10.6		8.5	12.7
54	6.0		4.9	7.3
68	5.2		4.1	6.1

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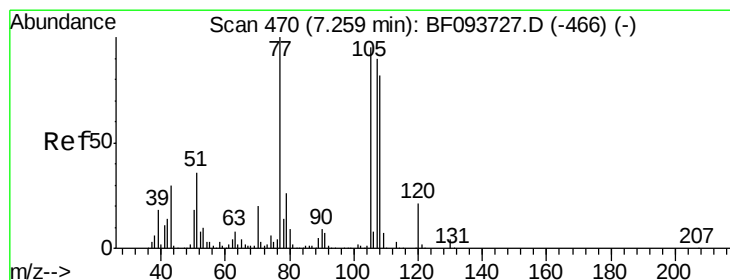
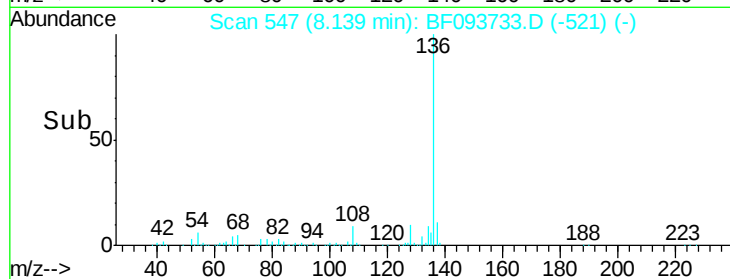
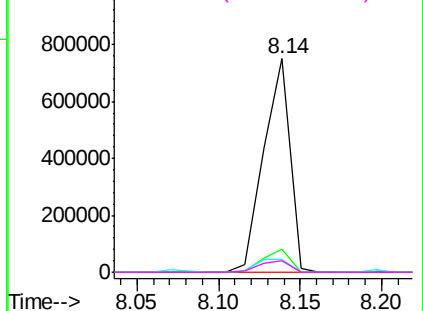
Abundance

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): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 35.53 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	665061		
71	3.5		2.8	4.2
51	38.1		30.7	46.1
120	21.2		17.4	26.0

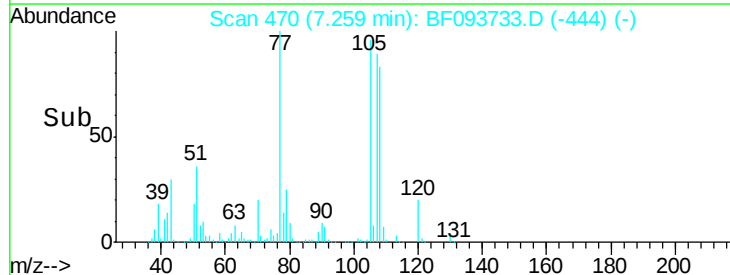
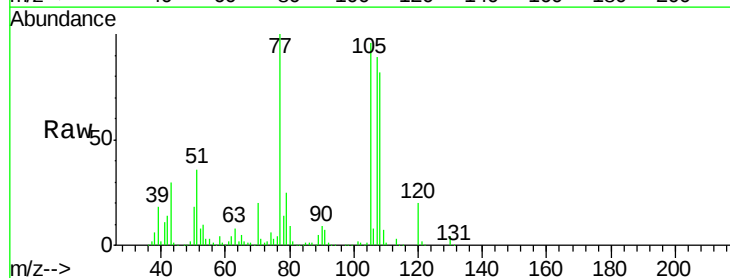
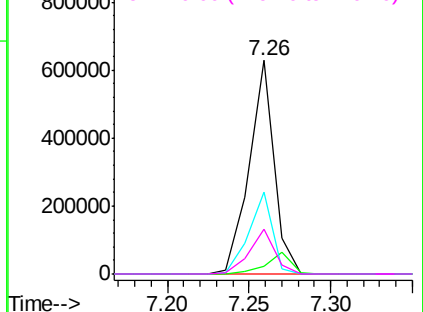
Abundance

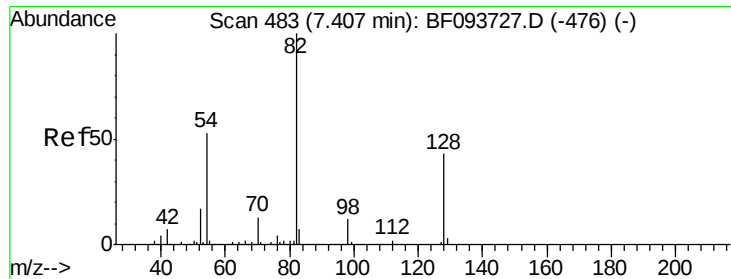
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





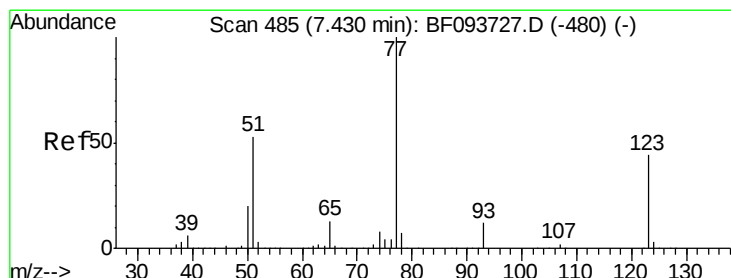
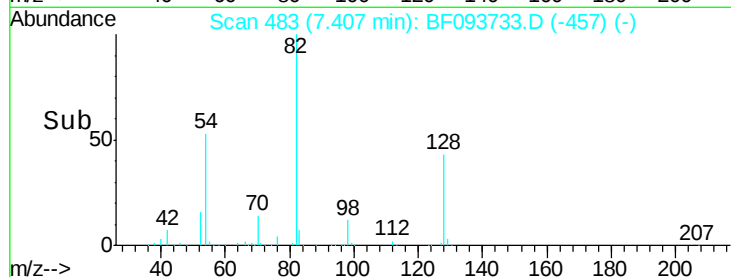
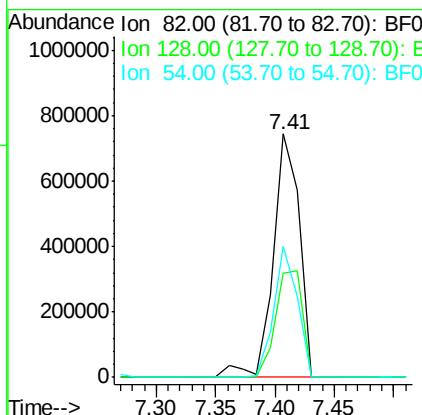
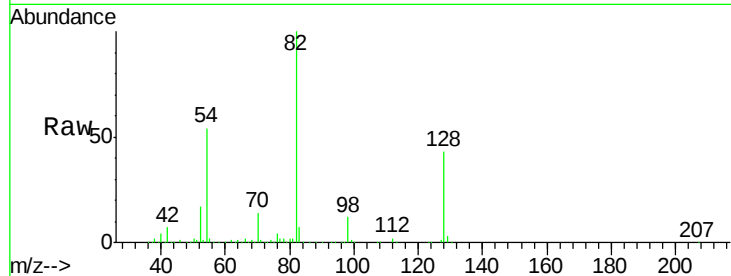
#23
 Nitrobenzene-d5
 Concen: 80.51 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	53.6	42.2	63.2

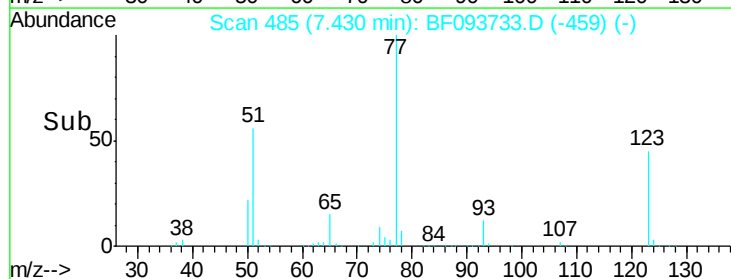
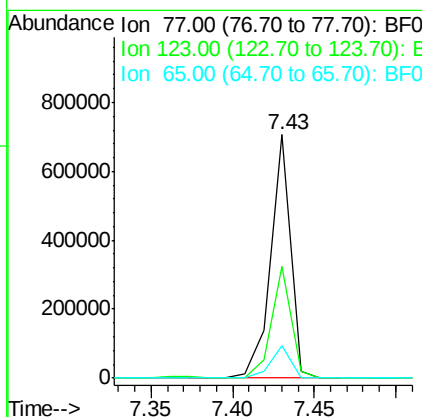
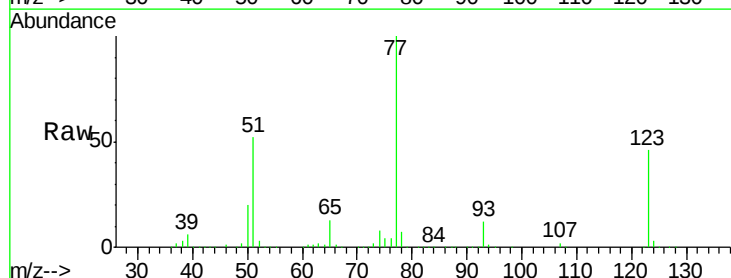
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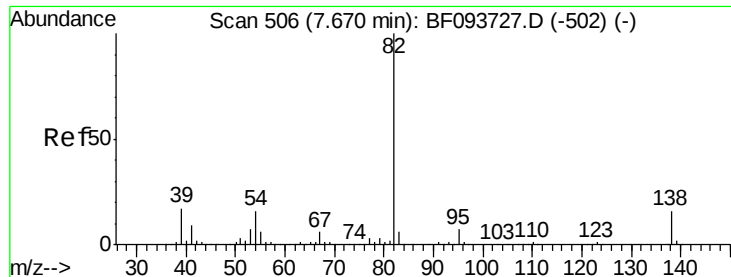
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#24
 Nitrobenzene
 Concen: 39.75 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 38.92 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1048739

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

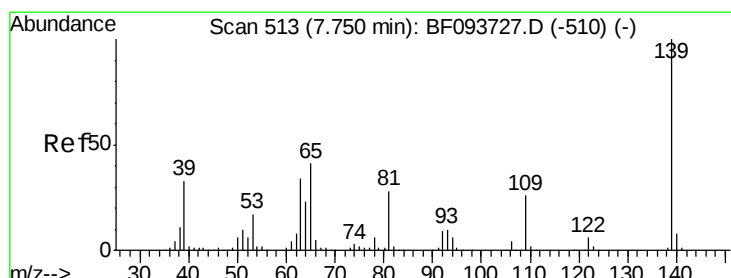
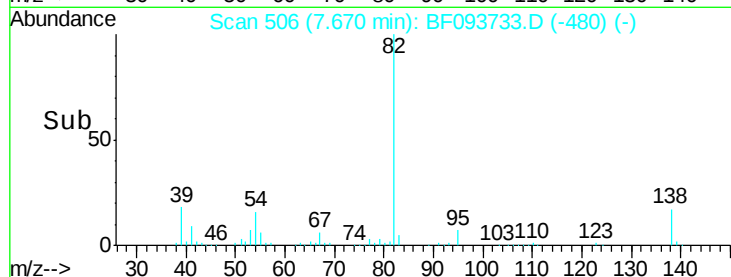
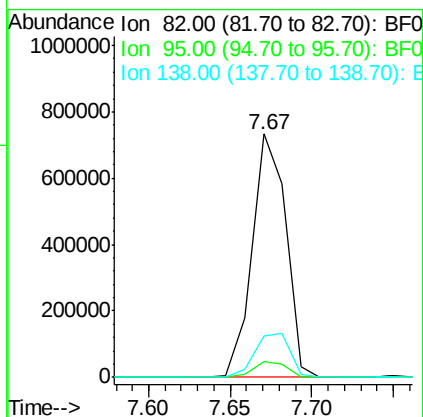
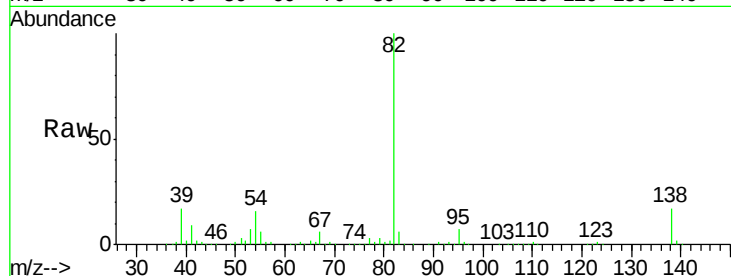
138 16.8 13.1 19.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.68 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

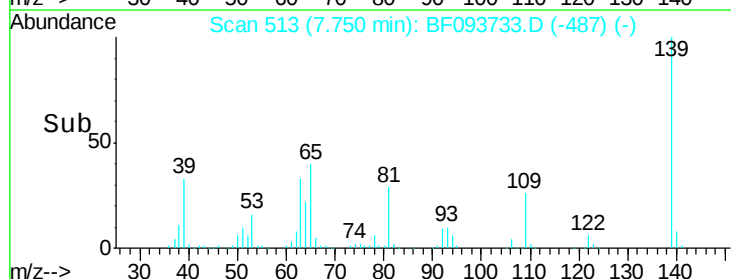
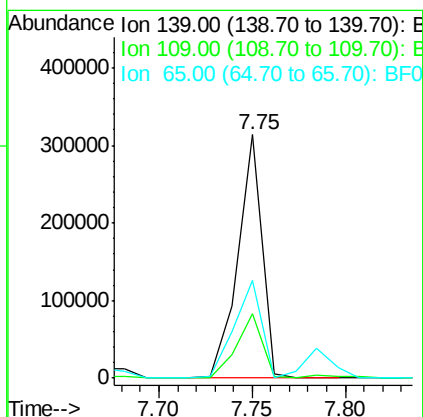
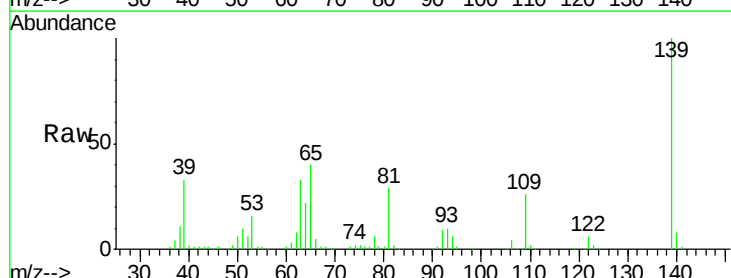
Tgt Ion: 139 Resp: 284686

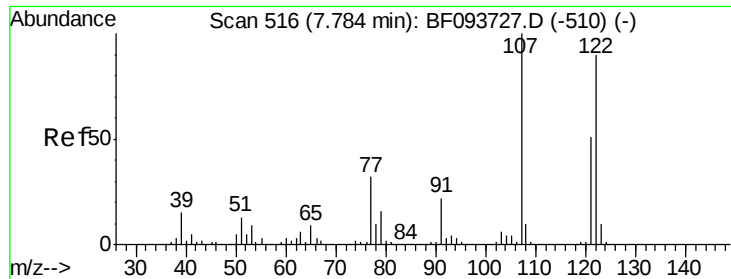
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 40.3 33.0 49.6





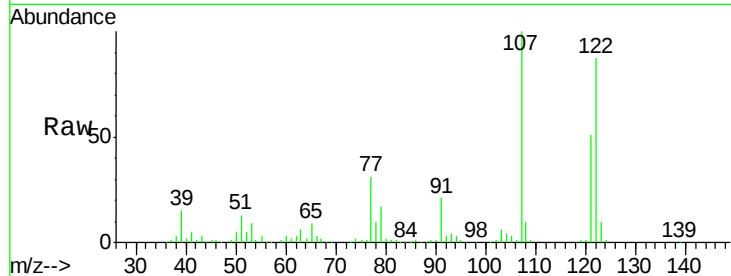
#27
2,4-Dimethylphenol
Concen: 37.49 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

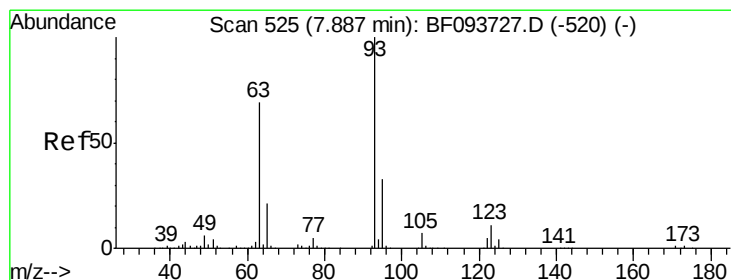
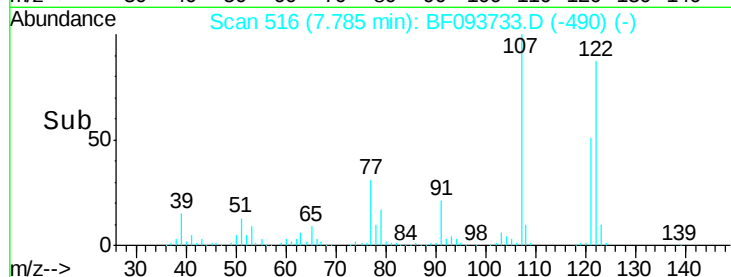
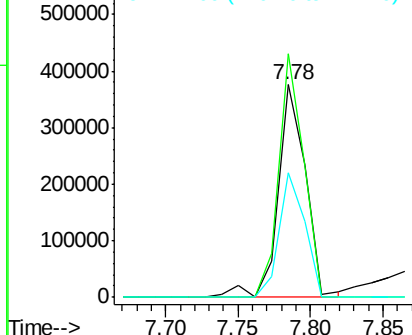
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	491504		
107	114.5	89.2	133.8	
121	58.4	45.2	67.8	

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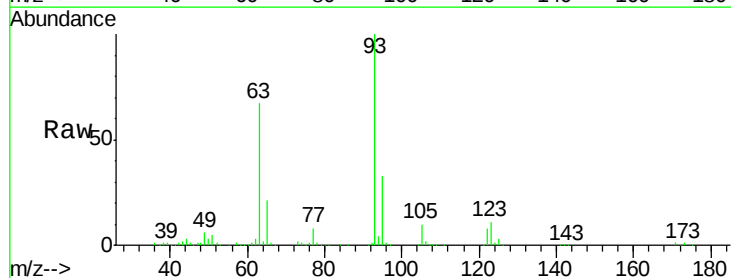


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

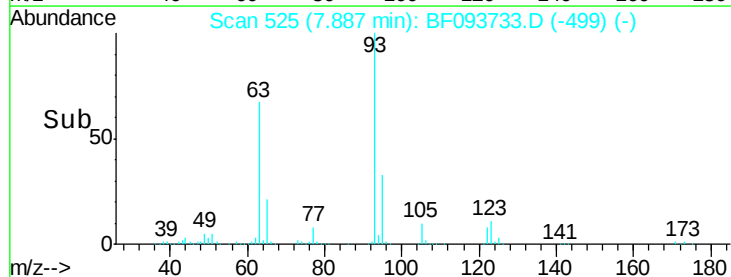
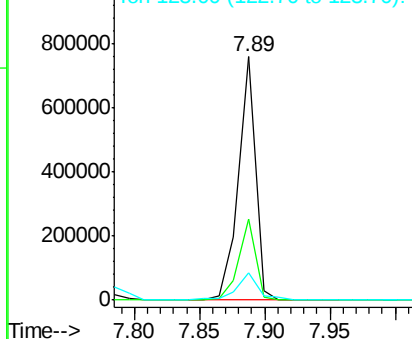


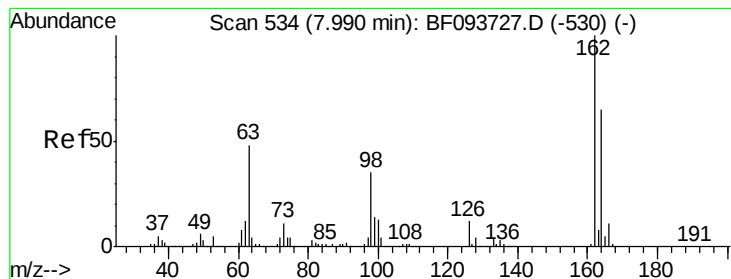
#28
bis(2-Chloroethoxy)methane
Concen: 40.21 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	684008		
95	33.1	26.5	39.7	
123	11.5	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.63 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

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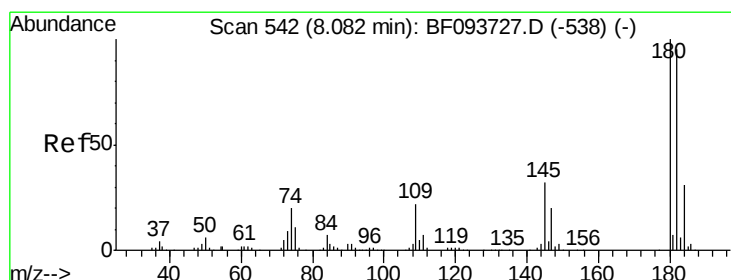
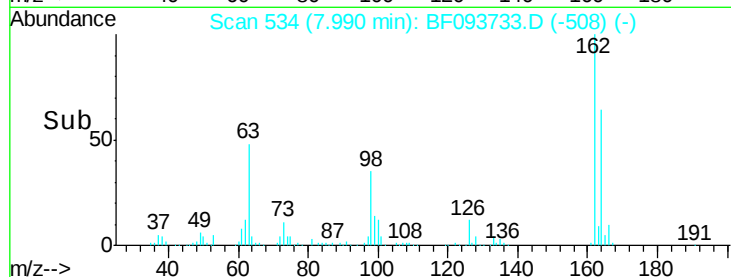
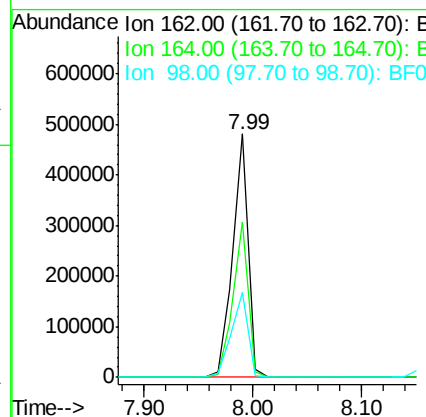
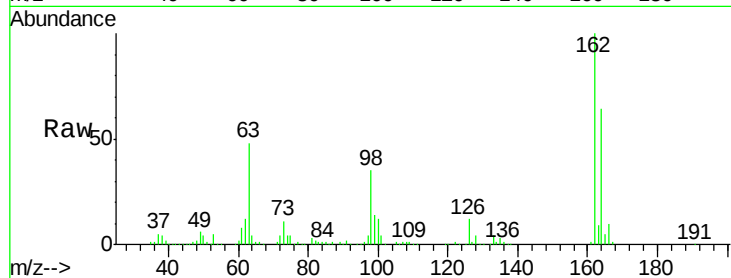
ClientSampleId :

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Tgt Ion:	162	Resp:	468947
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	34.9	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 40.24 ng

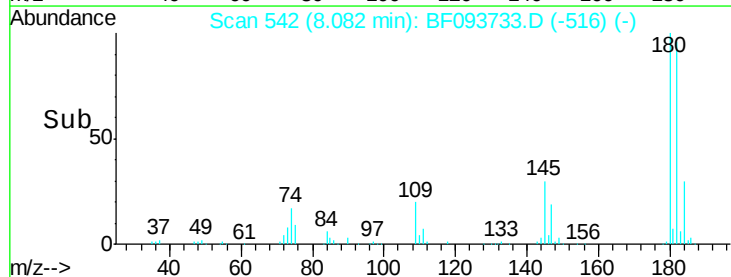
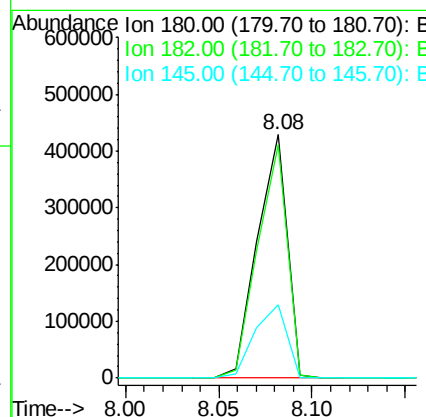
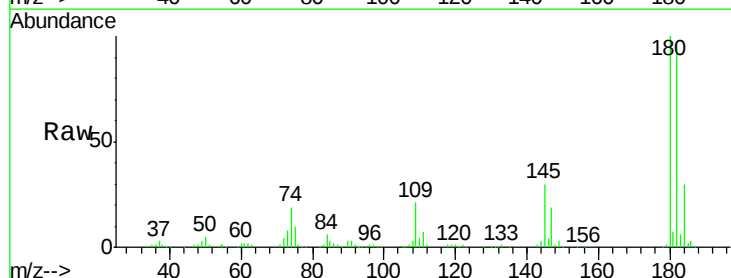
RT: 8.08 min Scan# 542

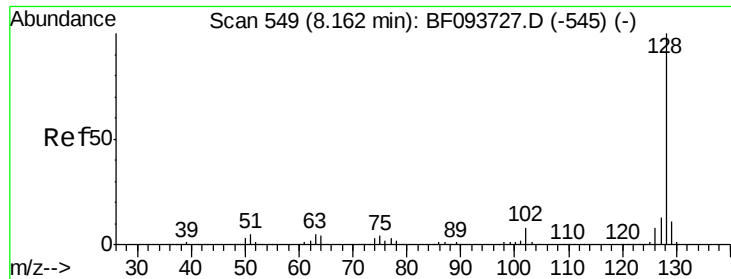
Delta R.T. 0.00 min

Lab File: BF093733.D

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Tgt Ion:	180	Resp:	472516
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.8	113.6
145	30.1	25.3	37.9





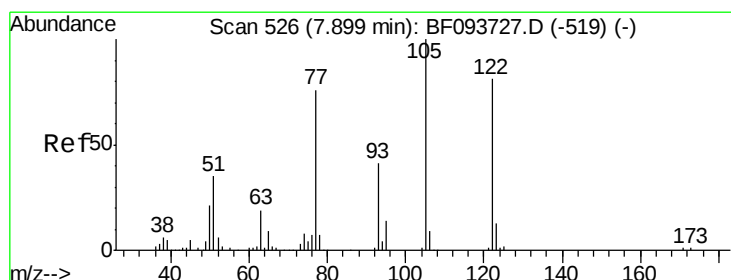
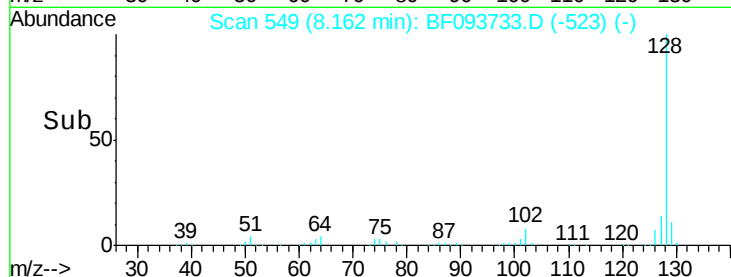
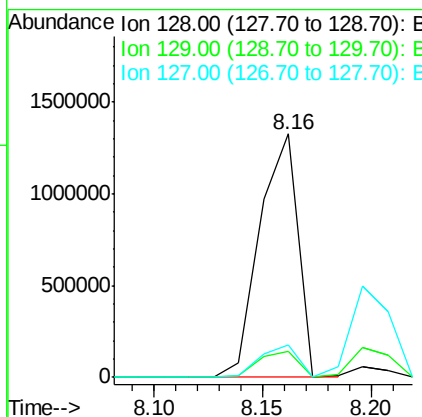
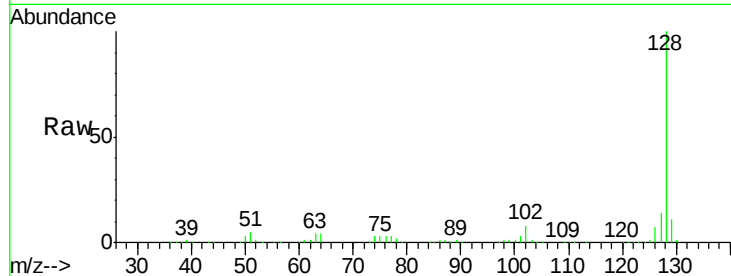
#31
Naphthalene
Concen: 39.93 ng
RT: 8.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1635797
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.8 16.2

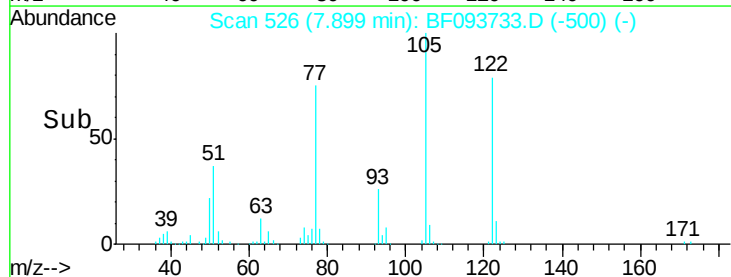
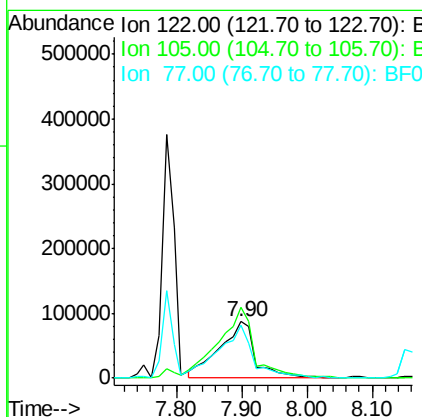
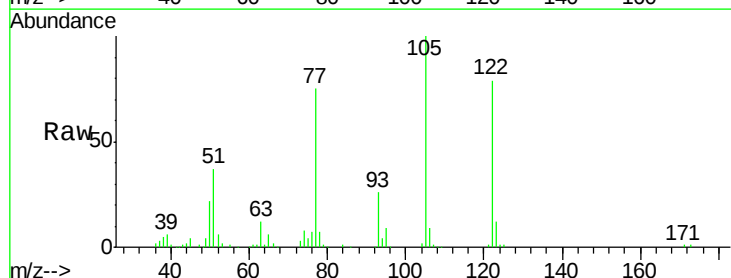
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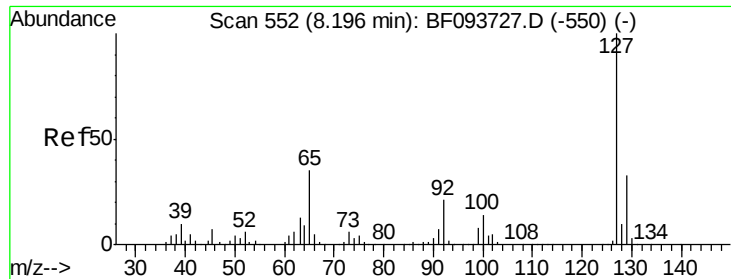
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#32
Benzoic acid
Concen: 40.80 ng
RT: 7.90 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:122 Resp: 325710
Ion Ratio Lower Upper
122 100
105 126.4 103.3 143.3
77 94.5 73.7 113.7





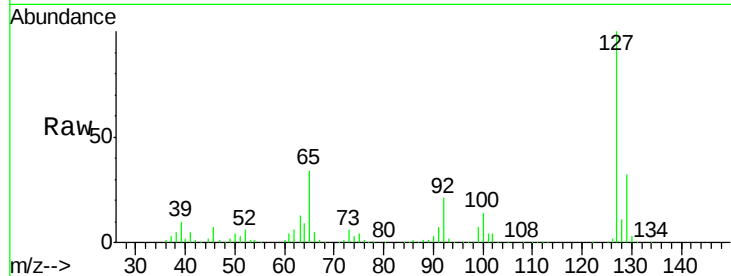
#33
4-Chloroaniline
Concen: 36.87 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

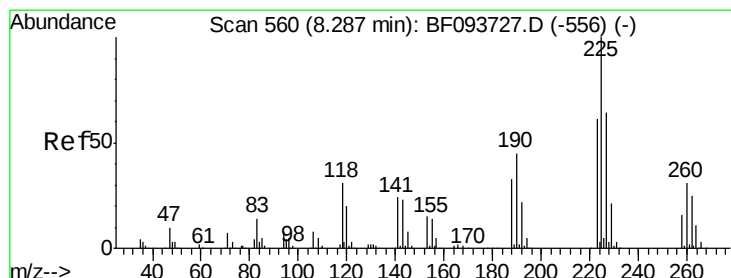
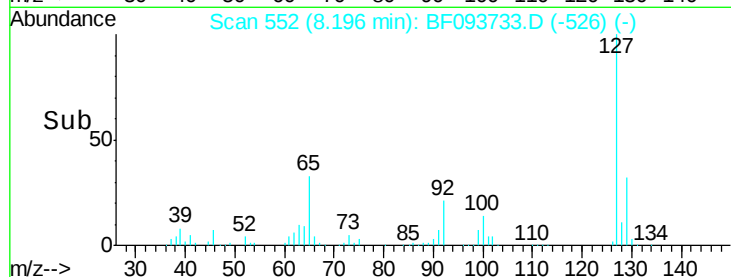
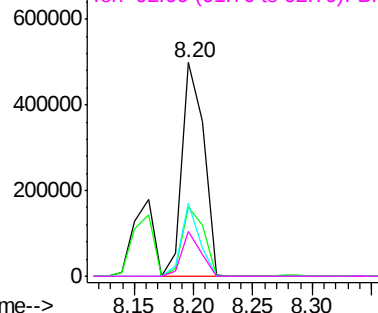
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	632562		
129	32.3	26.2	39.2	
65	34.2	27.8	41.8	
92	21.2	16.8	25.2	

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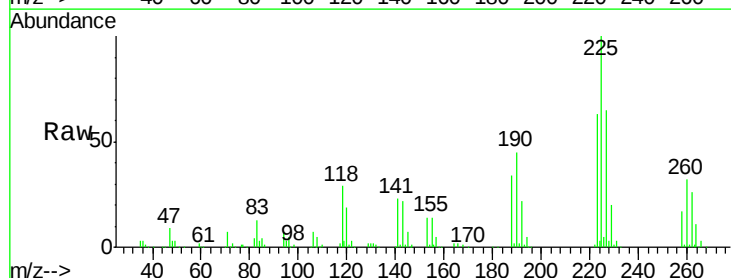


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

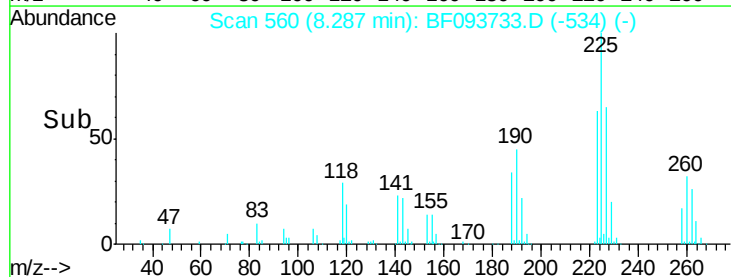
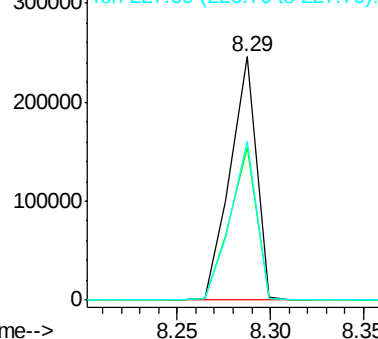


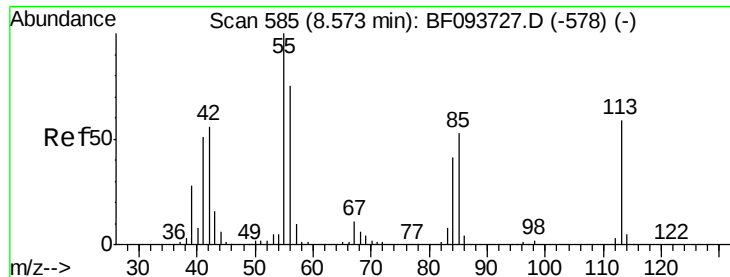
#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	241289		
223	62.7	48.8	73.2	
227	65.1	51.1	76.7	



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





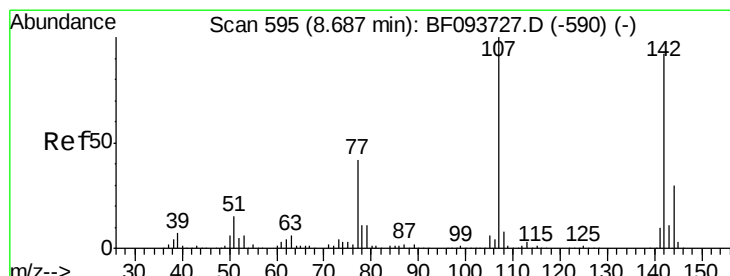
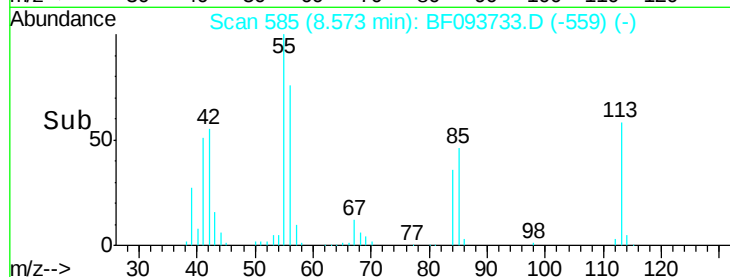
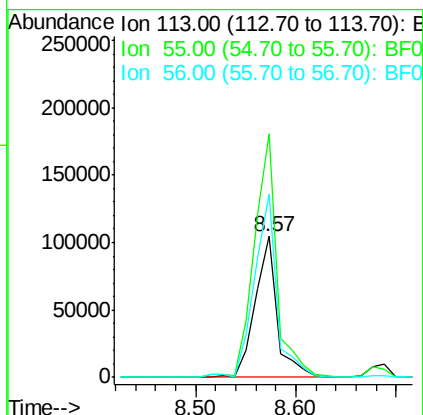
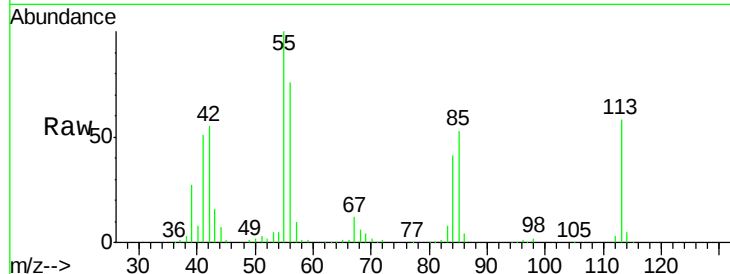
#35
 Caprolactam
 Concen: 41.78 ng
 RT: 8.57 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	173.1	150.2	190.2
56	130.8	107.8	147.8

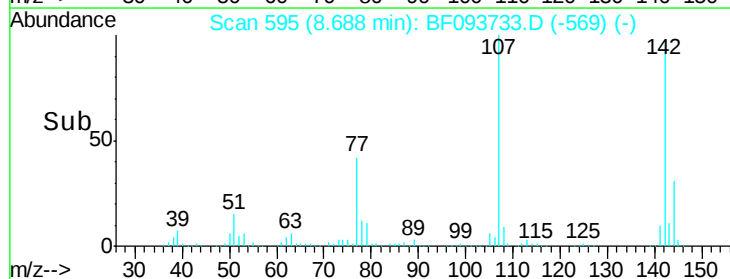
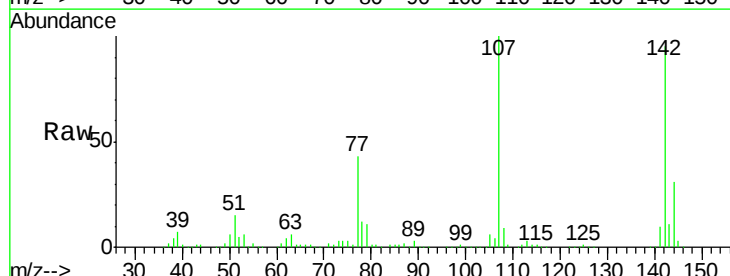
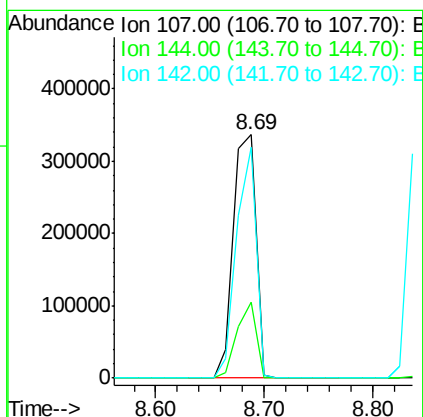
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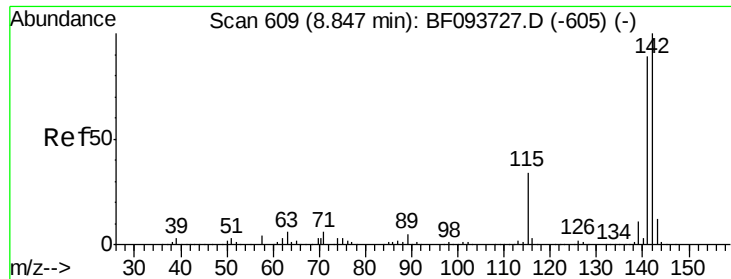
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#36
 4-Chloro-3-methylphenol
 Concen: 40.47 ng
 RT: 8.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.2	24.2	36.4
142	94.6	73.4	110.0





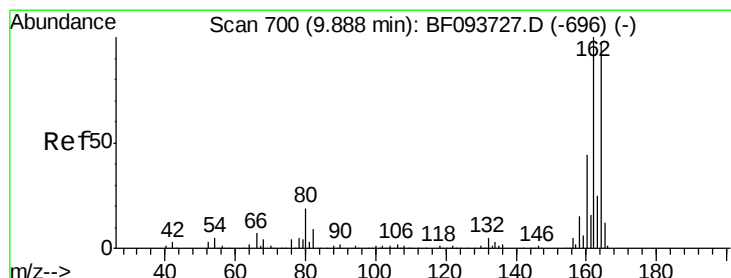
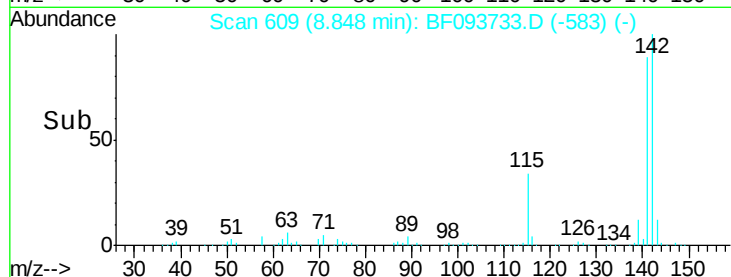
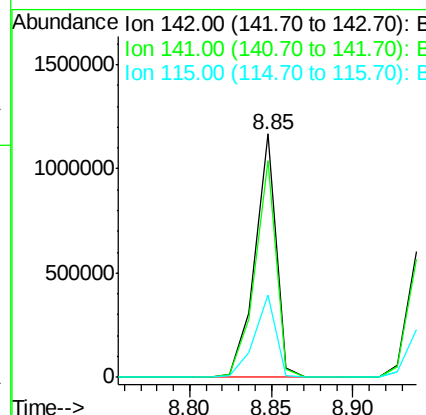
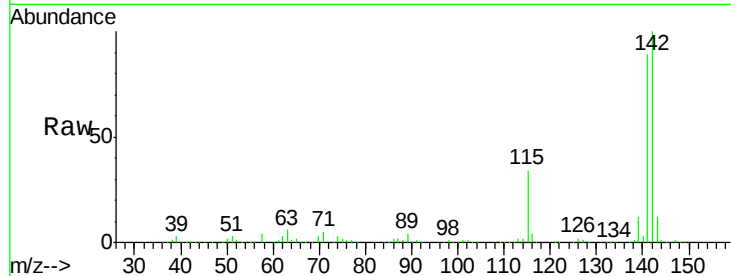
#37
2-Methylnaphthalene
Concen: 39.75 ng
RT: 8.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	33.6	27.1	40.7

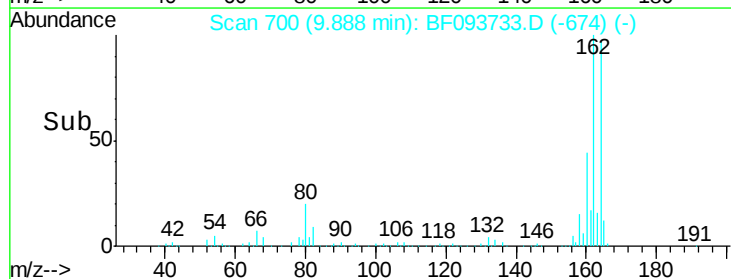
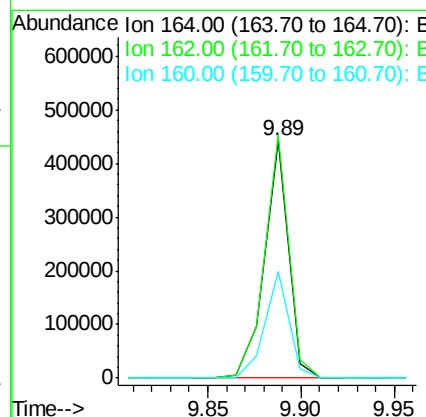
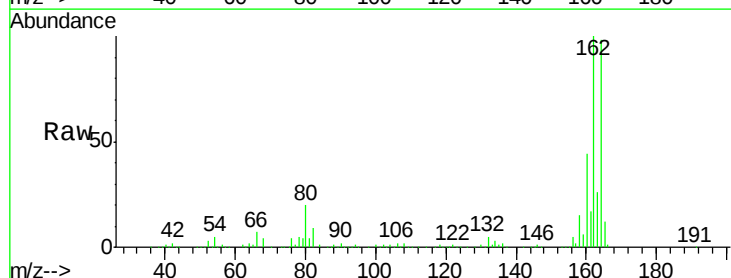
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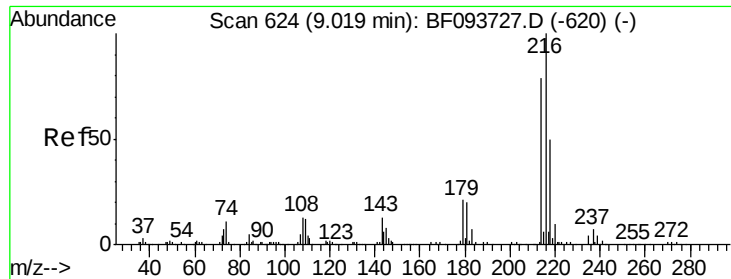
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.7	36.2	54.2





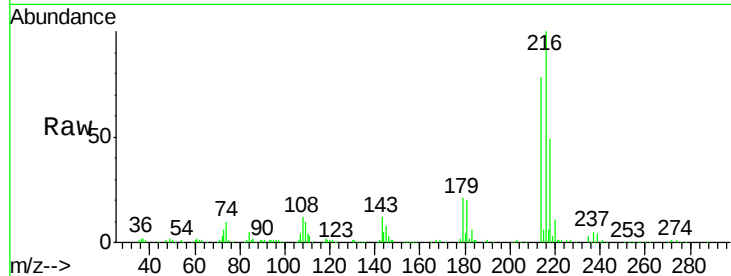
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.05 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

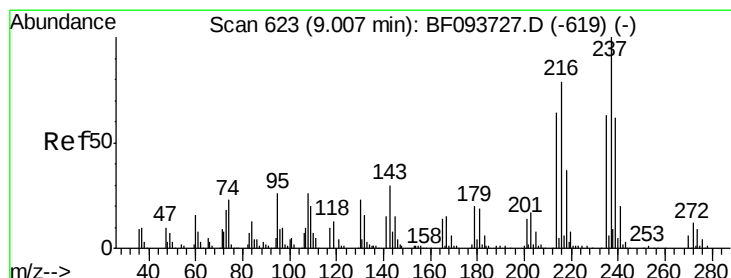
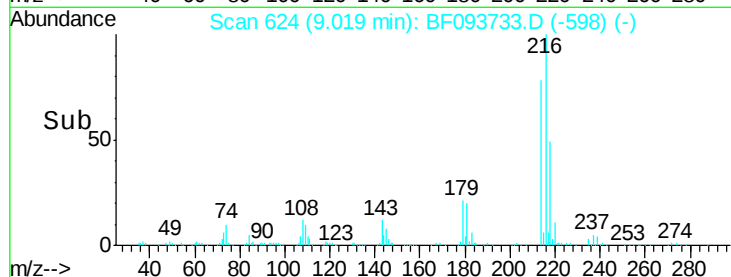
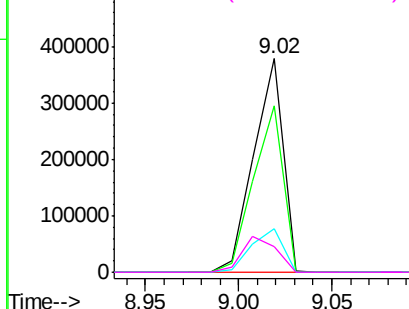
Tgt Ion:	216	Resp:	412057
Ion Ratio		Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.3	17.9	26.9
108	20.0	16.5	24.7

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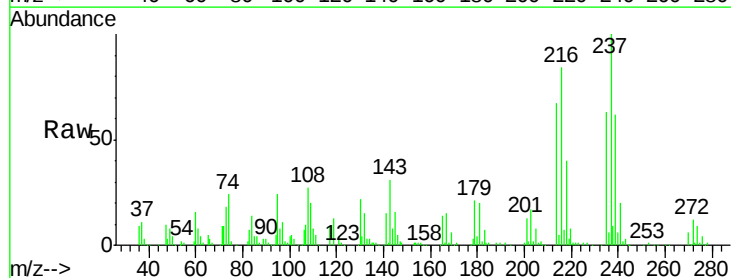


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

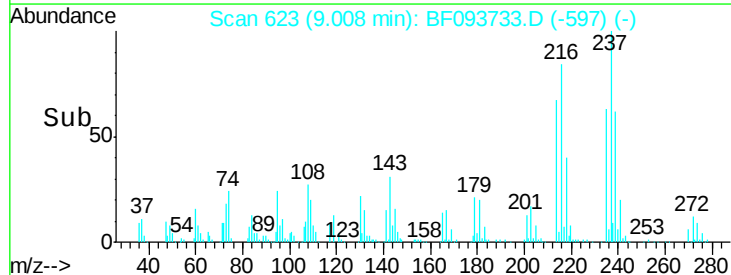
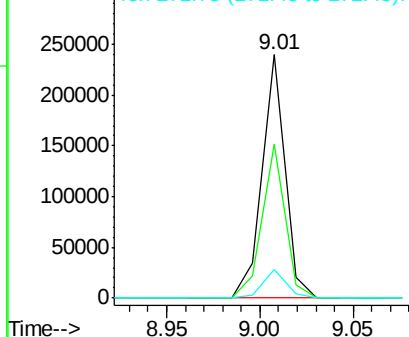


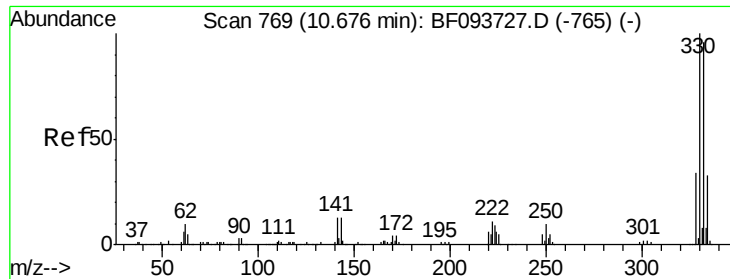
#40
 Hexachlorocyclopentadiene
 Concen: 44.32 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:	237	Resp:	202531
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.6	82.6
272	11.8	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





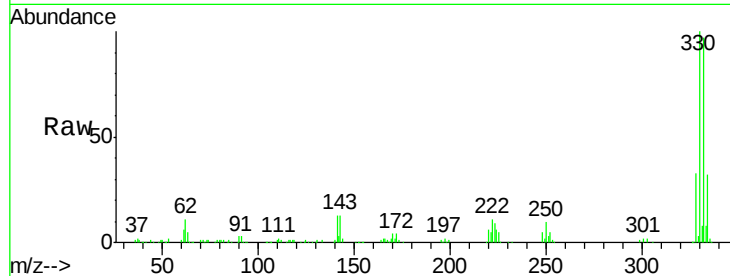
#41
 2,4,6-Tribromophenol
 Concen: 94.60 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

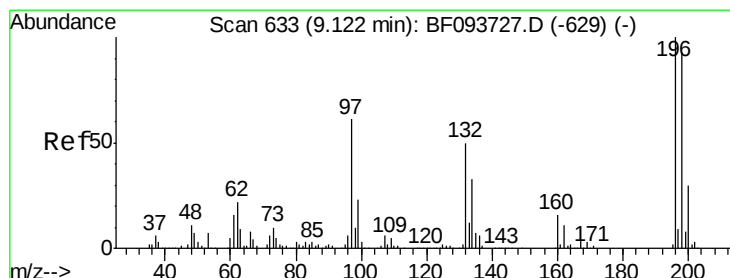
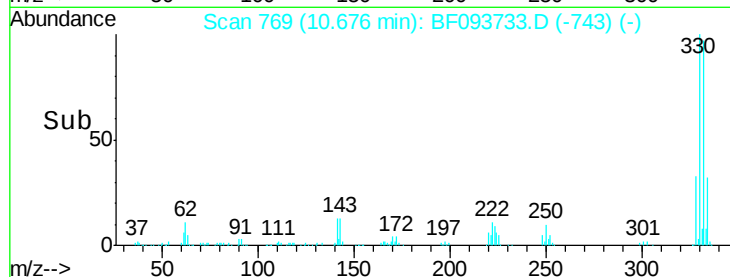
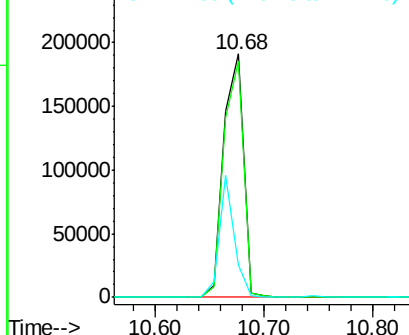
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	241861		
332	97.1	76.6	115.0	
141	38.8	31.4	47.2	

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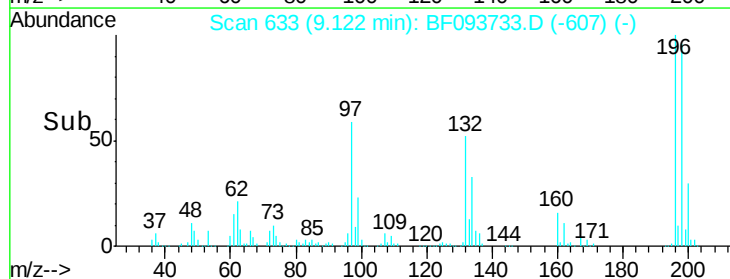
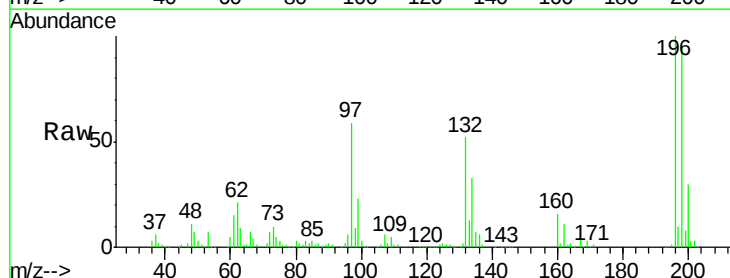
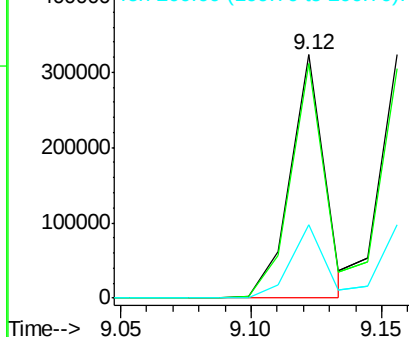
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

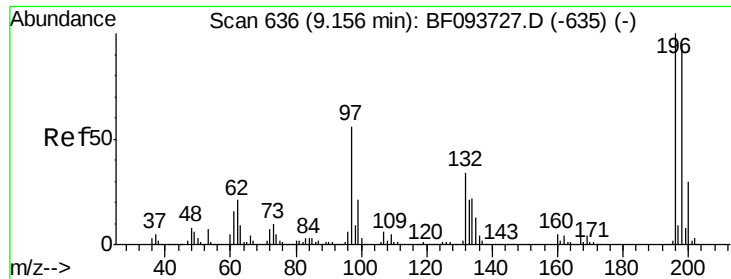


#42
 2,4,6-Trichlorophenol
 Concen: 43.04 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290310		
198	96.4	74.2	111.4	
200	30.0	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





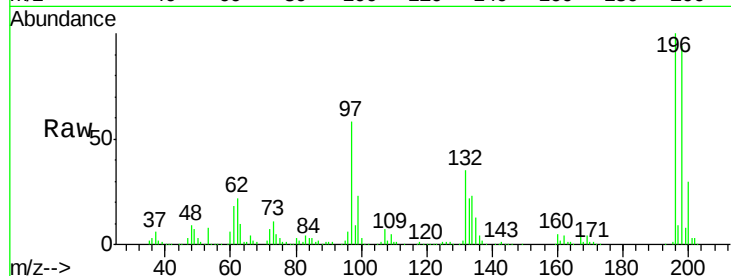
#43
 2,4,5-Trichlorophenol
 Concen: 45.43 ng m
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

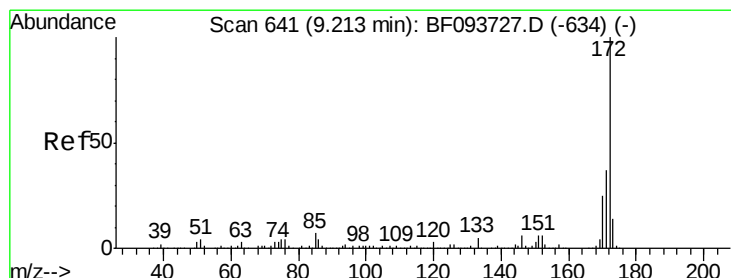
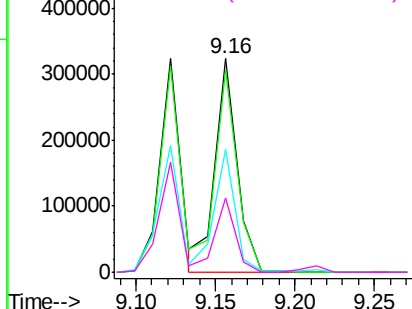
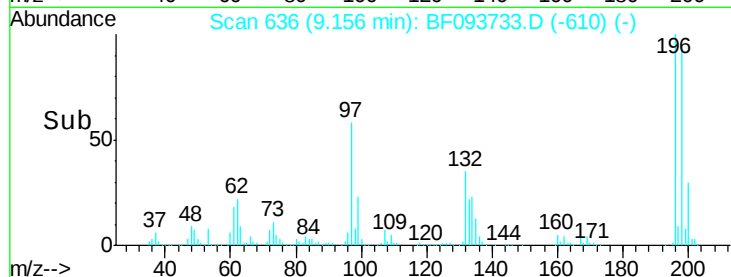
Tgt Ion:	196	Resp:	315893
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.7	113.5
97	57.8	47.7	71.5
132	34.9	28.0	42.0

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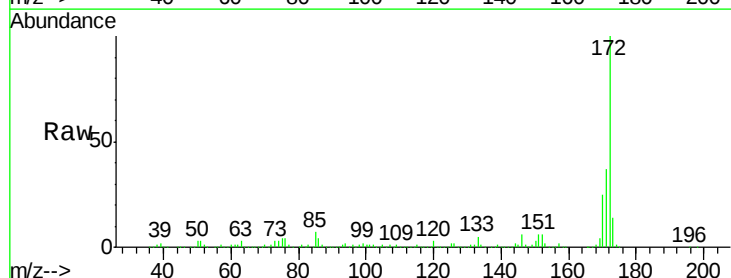


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

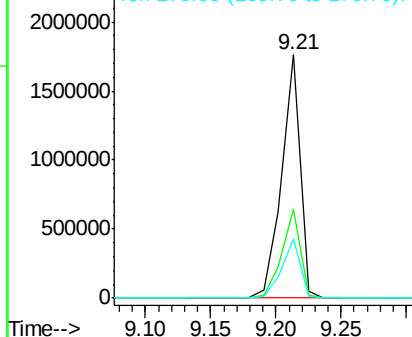
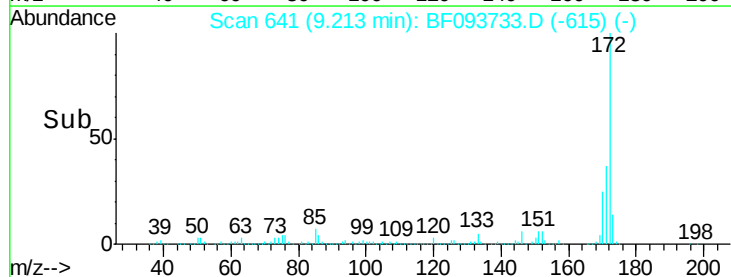


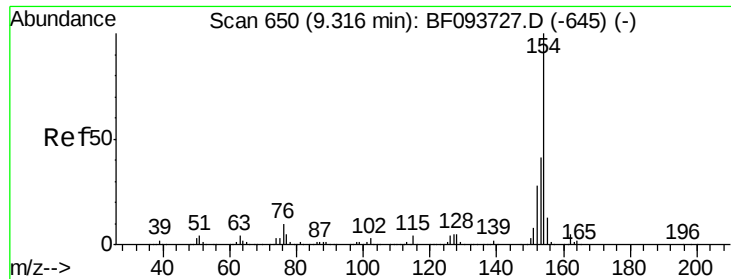
#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:	172	Resp:	1715881
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





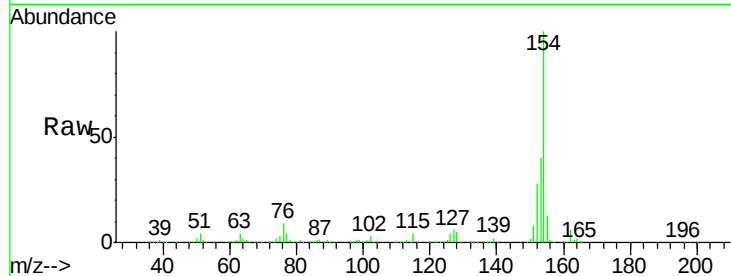
#45
 1,1'-Biphenyl
 Concen: 45.09 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

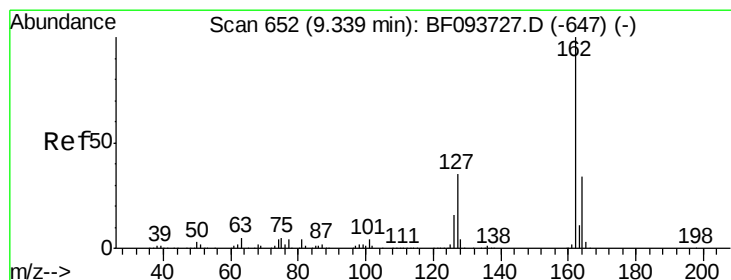
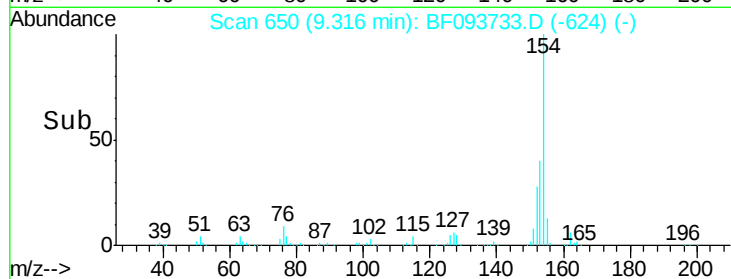
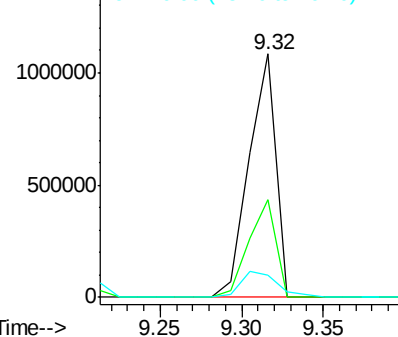
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.2	61.2
76	9.2	0.0	29.9

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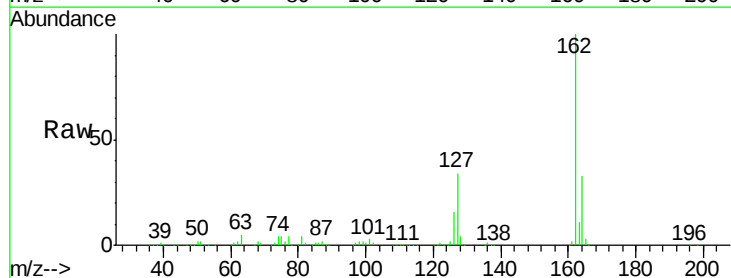


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

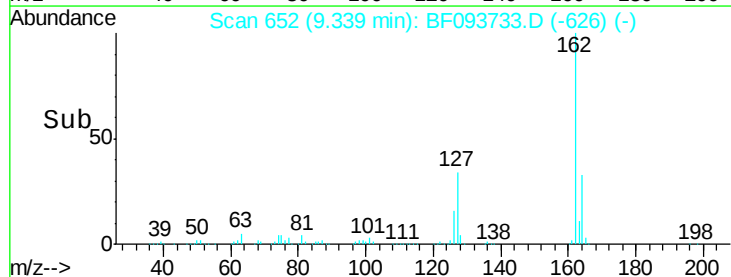
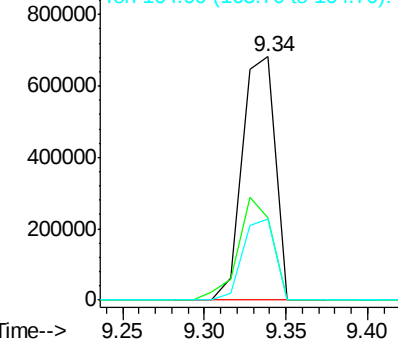


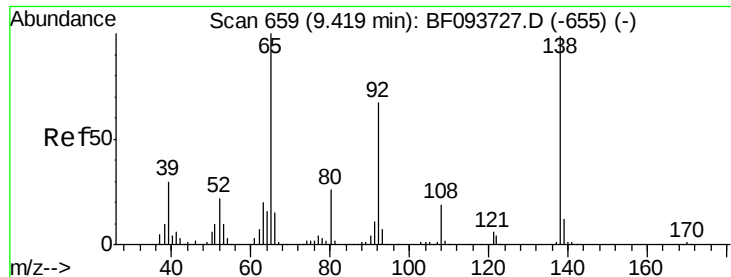
#46
 2-Chloronaphthalene
 Concen: 43.50 ng
 RT: 9.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.1	28.3	42.5
164	33.4	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.40 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

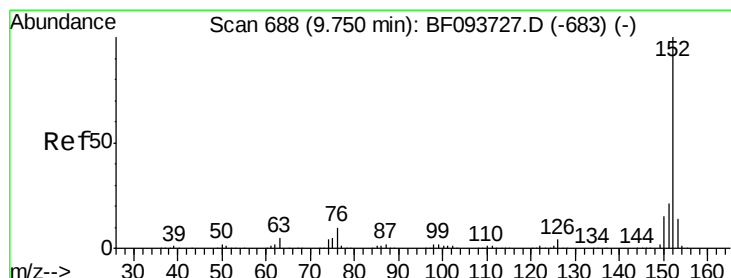
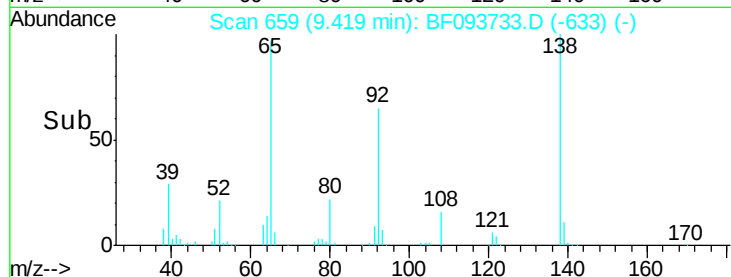
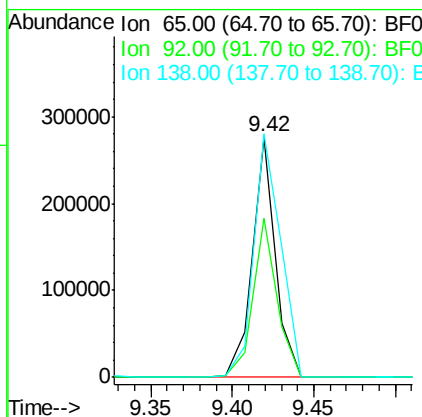
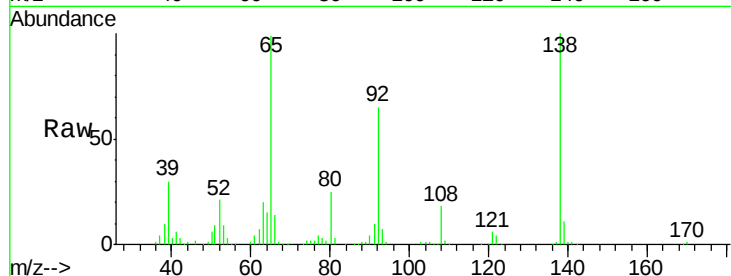
ClientSampleId :

SSTDCCC040

Tgt Ion:	65	Resp:	269636
Ion Ratio	Lower	Upper	
65	100		
92	66.3	53.9	80.9
138	101.3	78.8	118.2

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#48

Acenaphthylene

Concen: 46.86 ng

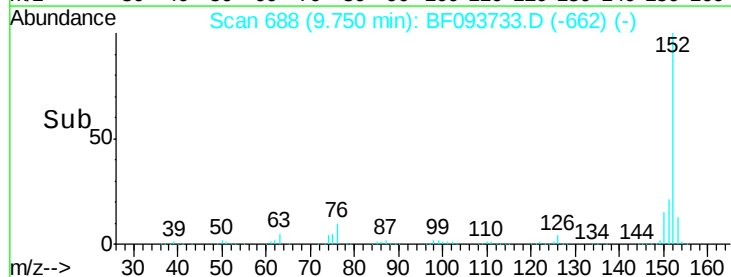
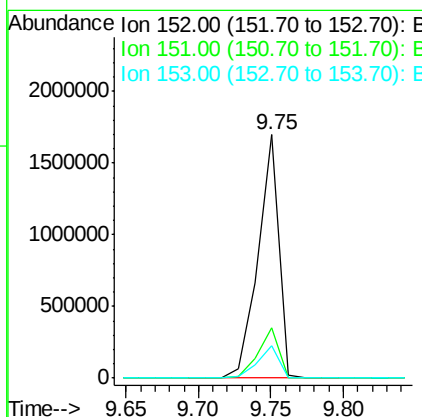
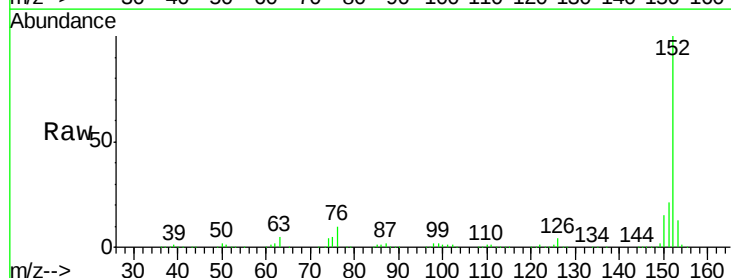
RT: 9.75 min Scan# 688

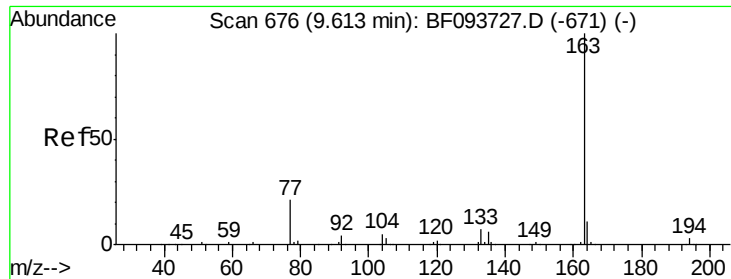
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	152	Resp:	1679500
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.5	10.8	16.2





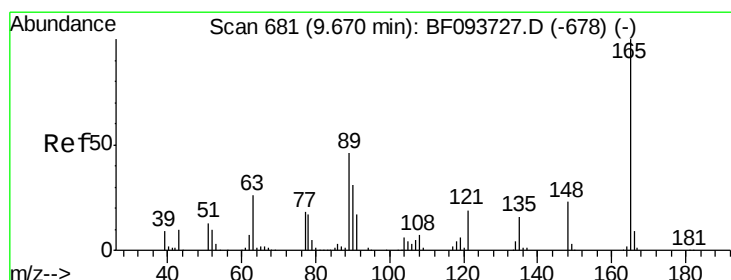
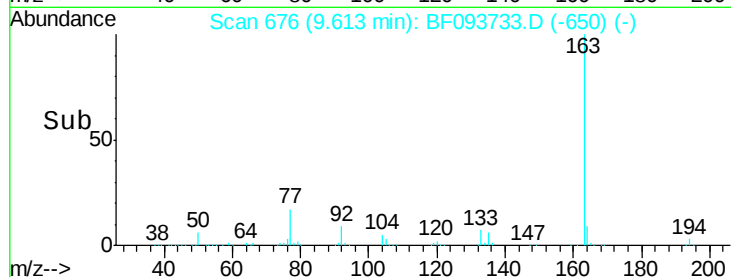
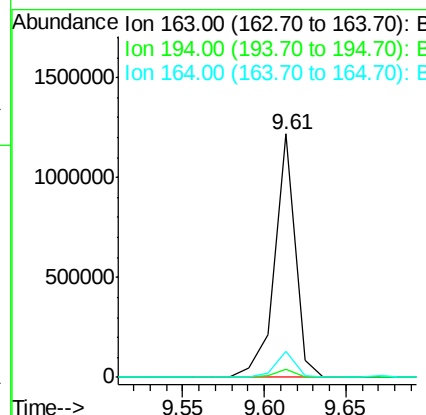
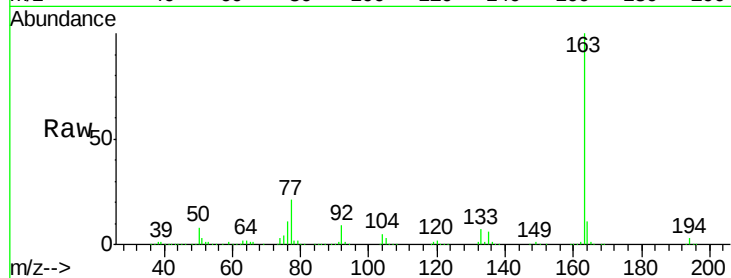
#49
Dimethylphthalate
Concen: 41.99 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1071473
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6

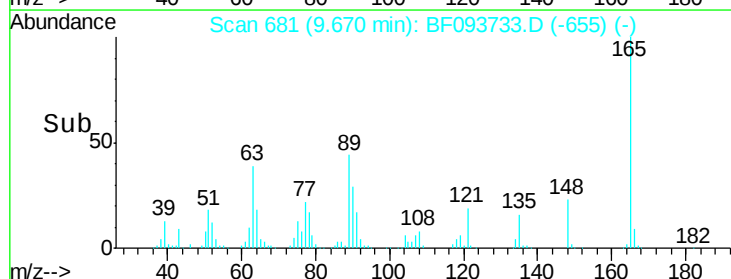
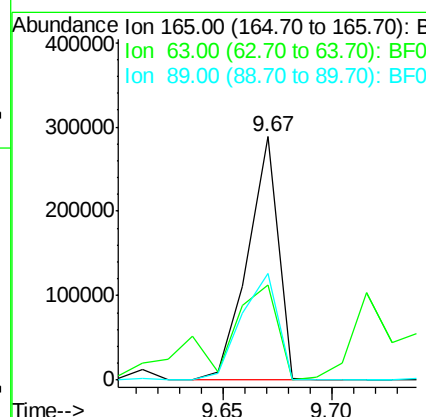
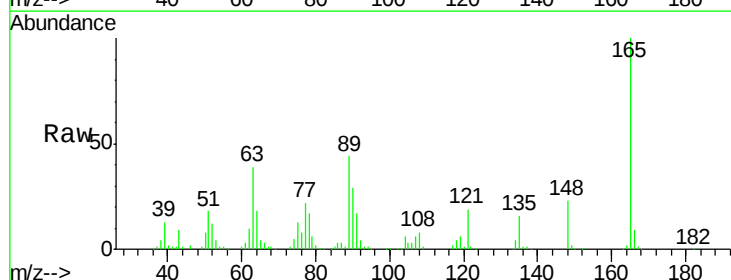
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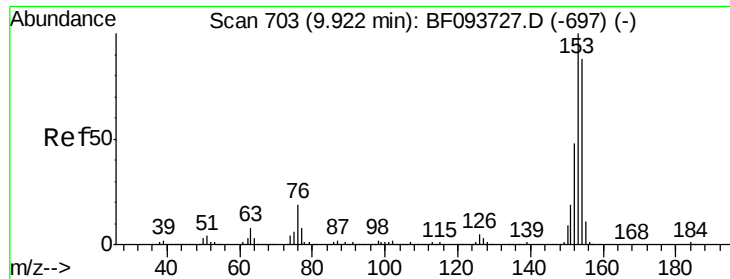
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#50
2,6-Dinitrotoluene
Concen: 51.10 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion:165 Resp: 281642
Ion Ratio Lower Upper
165 100
63 39.1 34.3 51.5
89 43.8 37.1 55.7





#51

Acenaphthene

Concen: 45.71 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

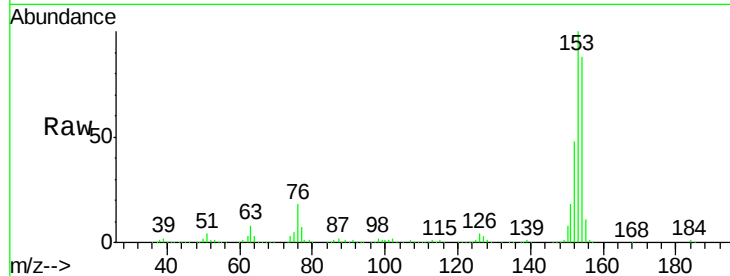
ClientSampleId :

SSTDCCC040

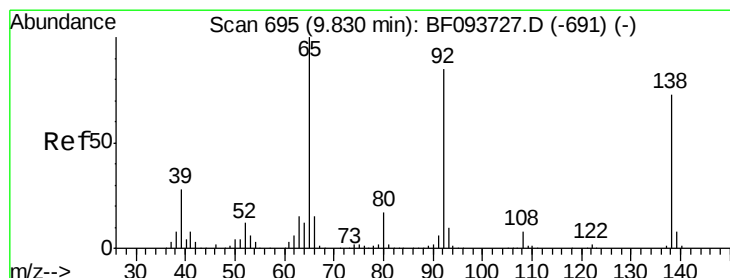
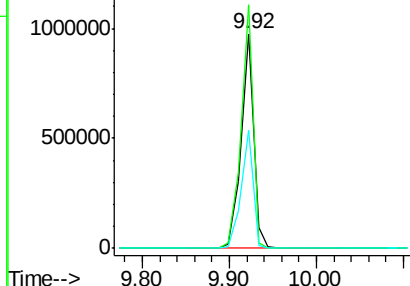
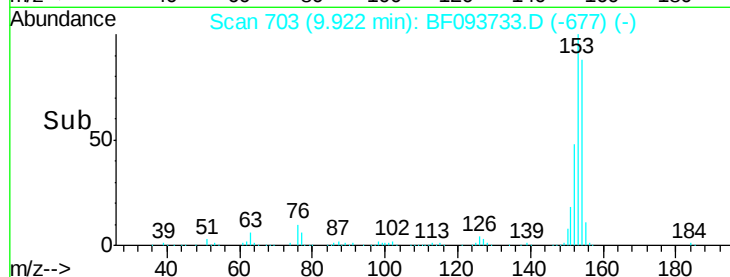
Tgt Ion:	154	Resp:	965524
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.5	135.7
152	54.8	43.6	65.4

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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



#52

3-Nitroaniline

Concen: 41.73 ng

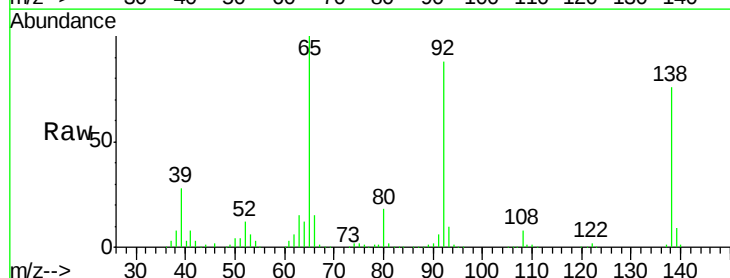
RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

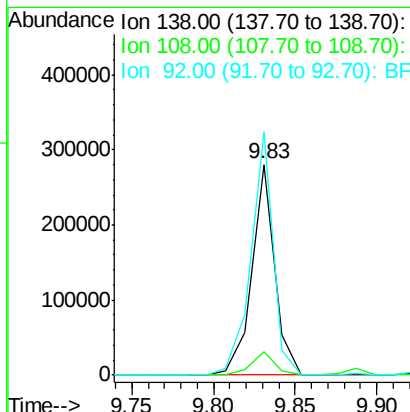
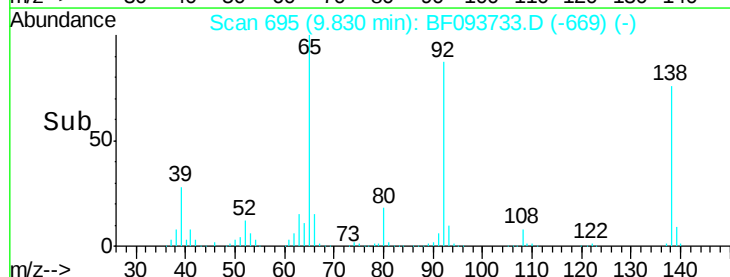
Lab File: BF093733.D

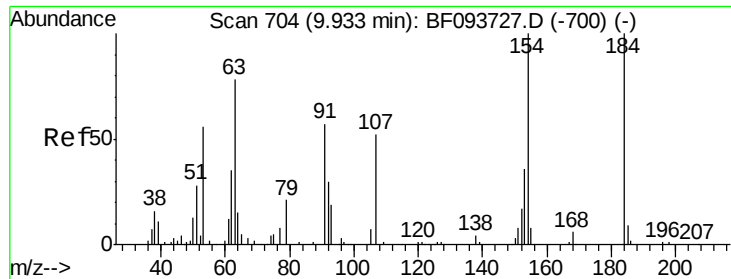
Acq: 18 Mar 2017 5:32

Tgt Ion:	138	Resp:	272870
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	115.7	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





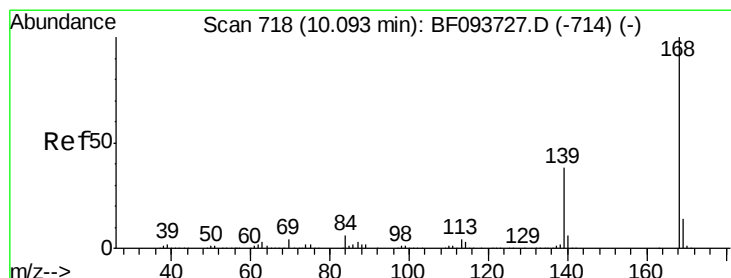
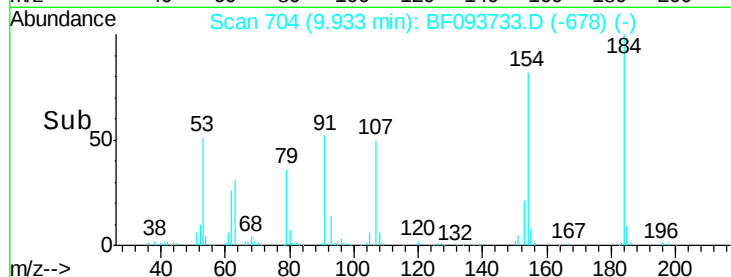
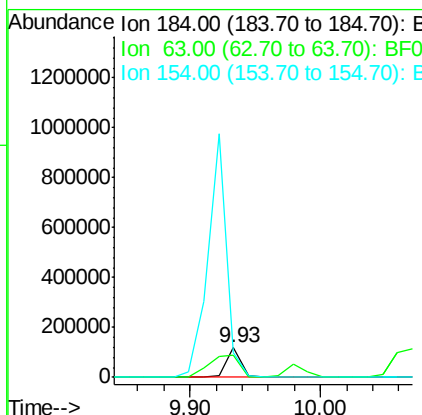
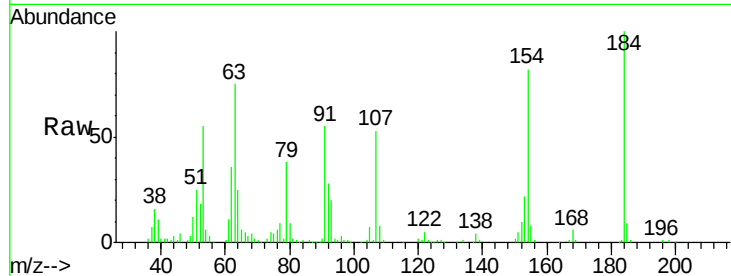
#53
2,4-Dinitrophenol
Concen: 47.87 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	62.7	94.1
154	82.4	81.1	121.7

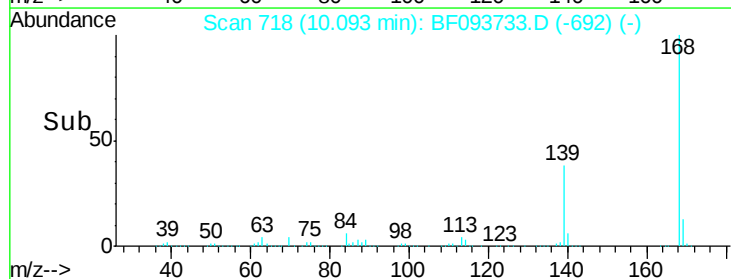
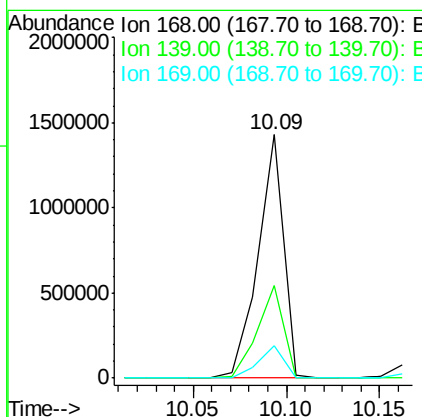
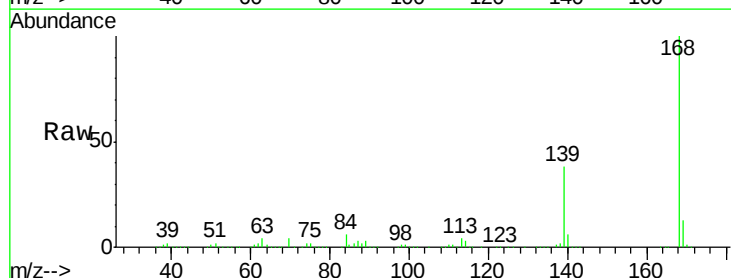
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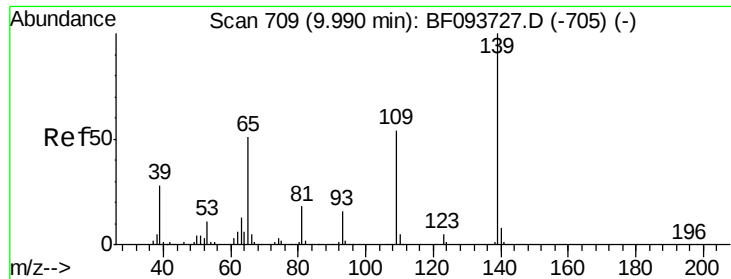
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#54
Dibenzofuran
Concen: 46.65 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.6	45.8
169	13.3	10.8	16.2





#55

4-Nitrophenol

Concen: 48.97 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

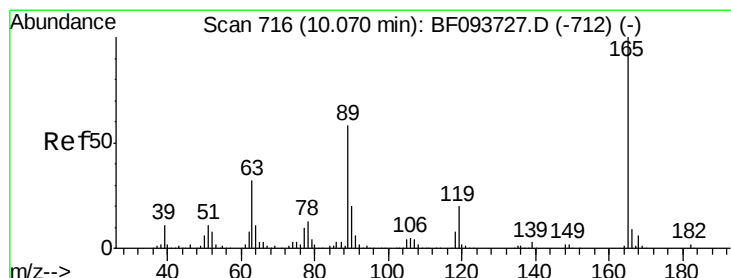
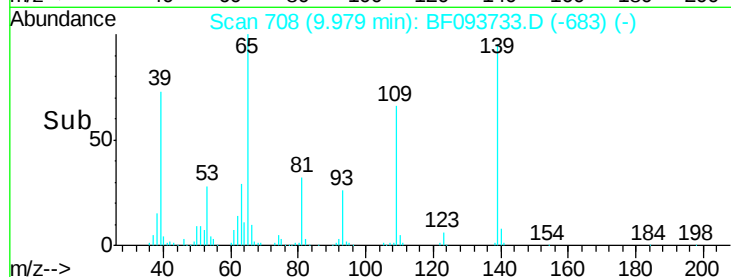
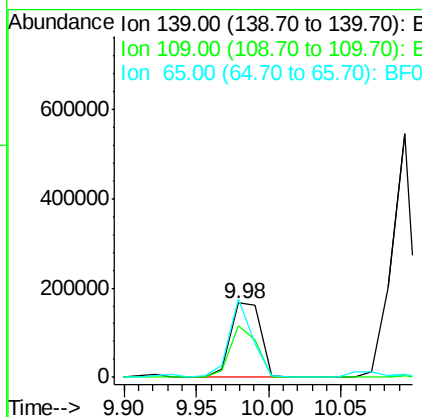
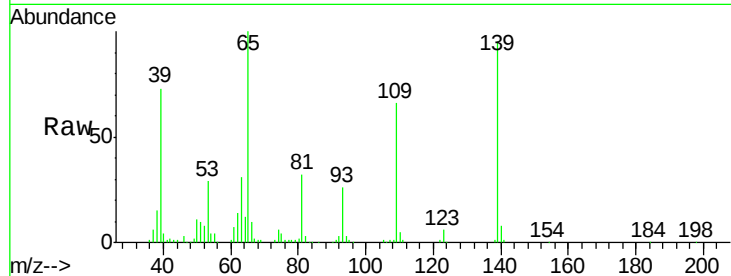
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	241542
Ion Ratio	Lower	Upper	
139	100		
109	69.3	34.1	74.1
65	105.3	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 50.68 ng

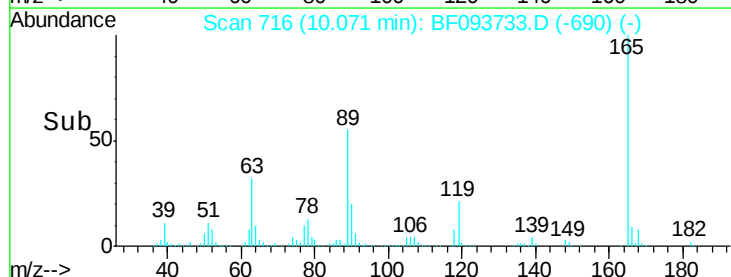
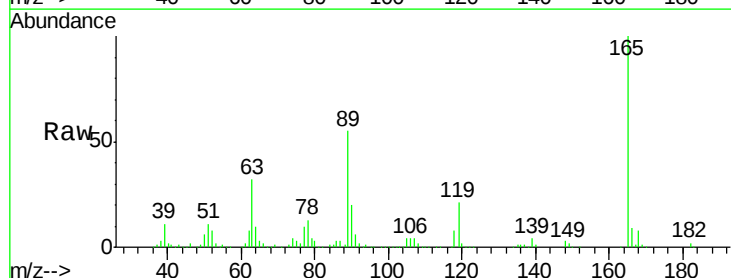
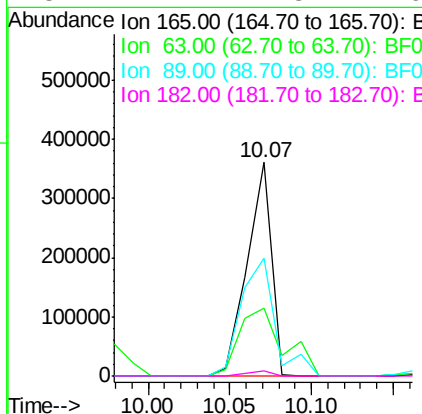
RT: 10.07 min Scan# 716

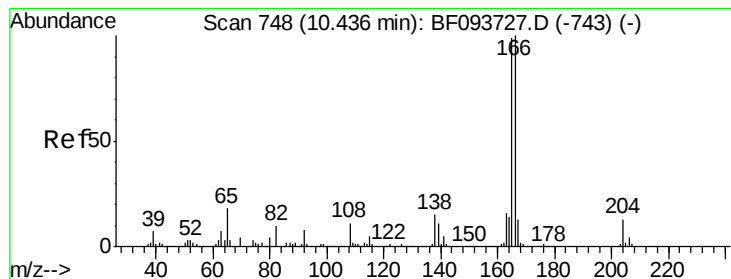
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	165	Resp:	371793
Ion Ratio	Lower	Upper	
165	100		
63	31.6	25.4	38.0
89	55.4	46.4	69.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 43.38 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1010298

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

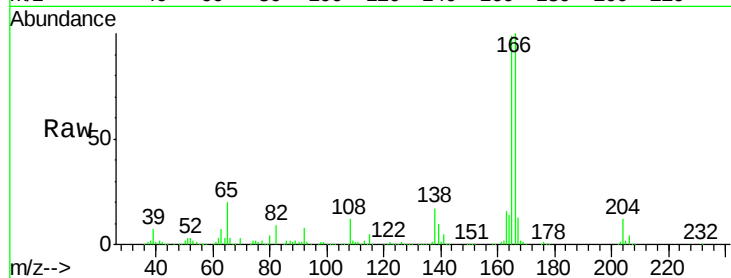
167 13.1 10.6 16.0

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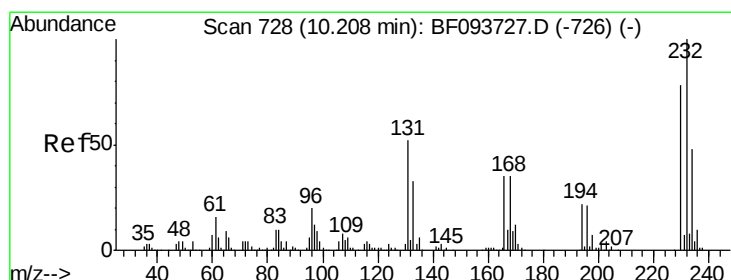
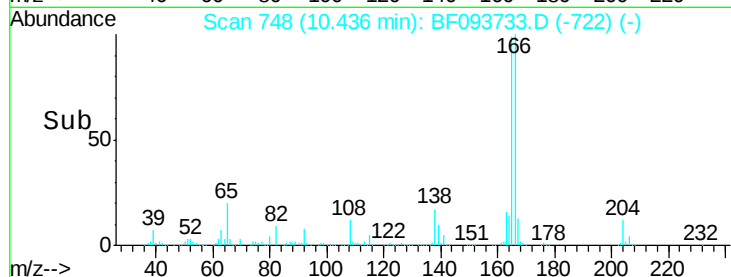
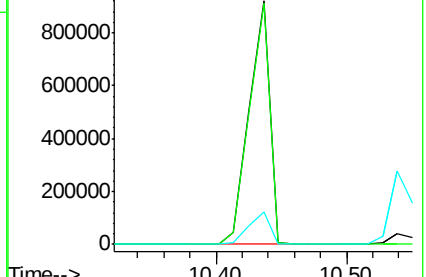
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.02 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:232 Resp: 234395

Ion Ratio Lower Upper

232 100

131 54.6 44.8 67.2

130 2.8 2.3 3.5

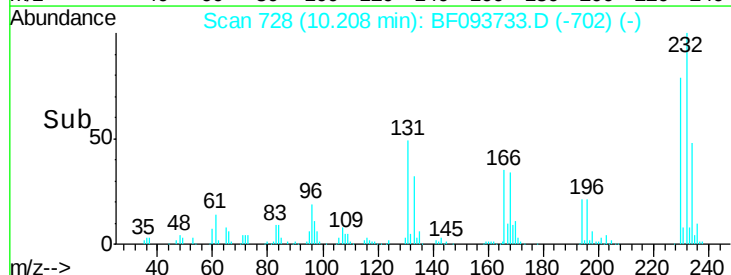
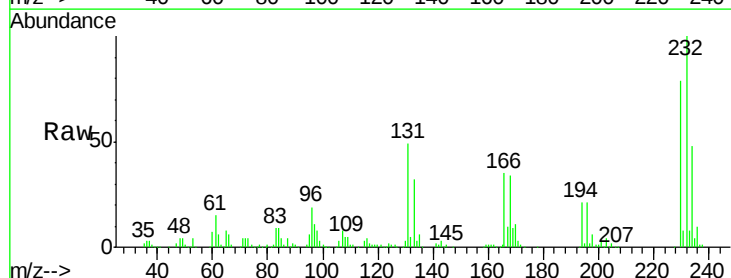
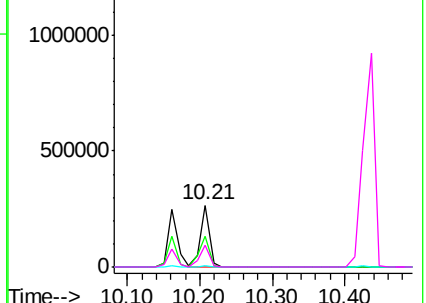
166 36.5 29.0 43.4

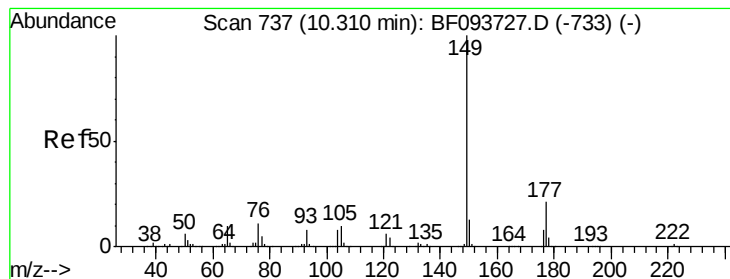
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.25 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1050457

Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

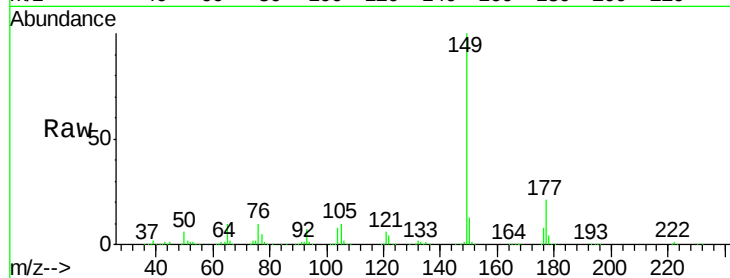
150 12.9 10.2 15.2

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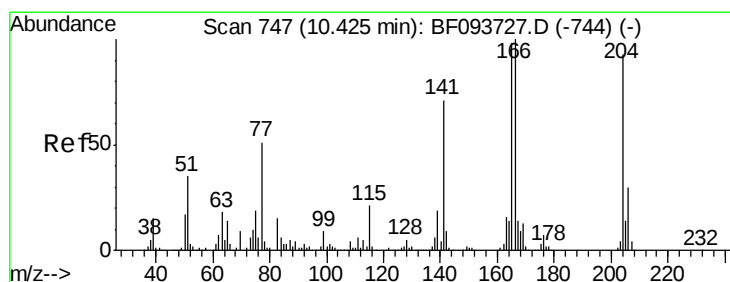
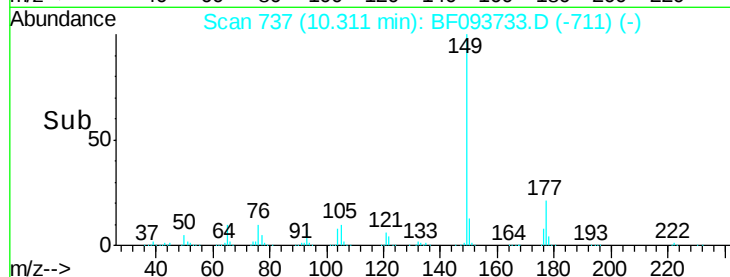
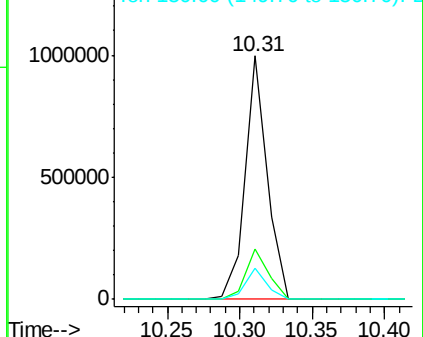
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.64 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

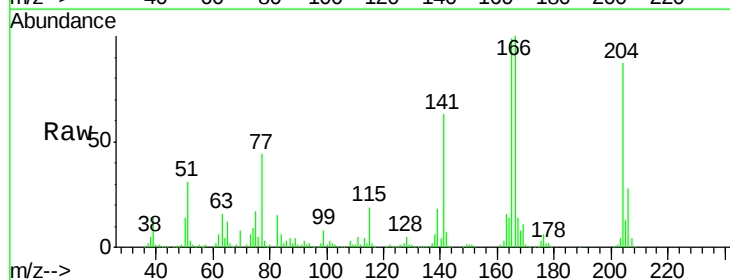
Tgt Ion:204 Resp: 398821

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.2

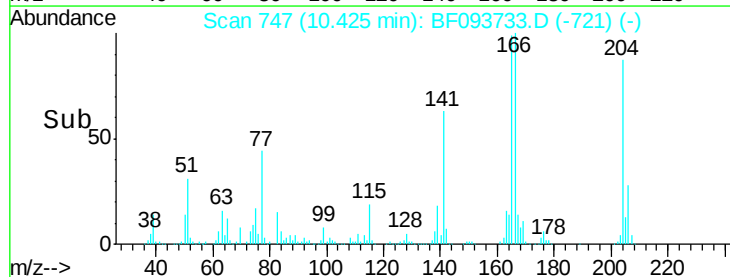
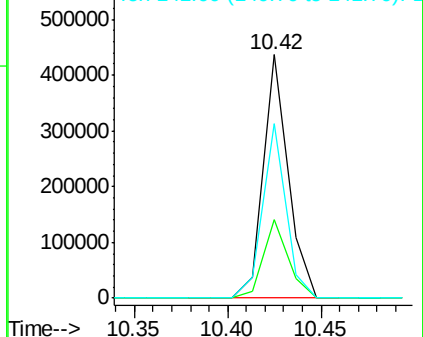
141 71.8 60.8 91.2

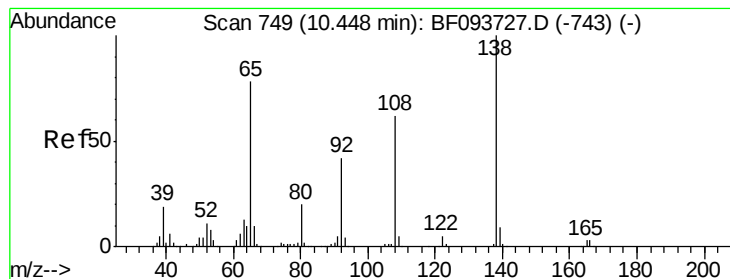


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.41 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

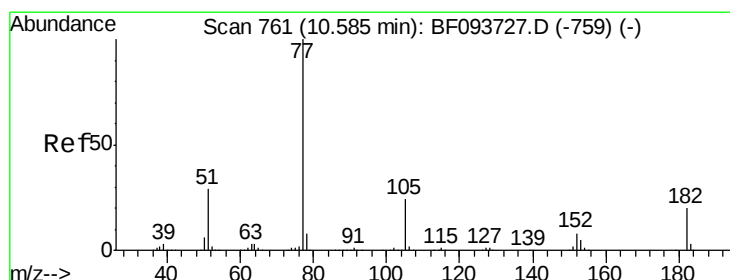
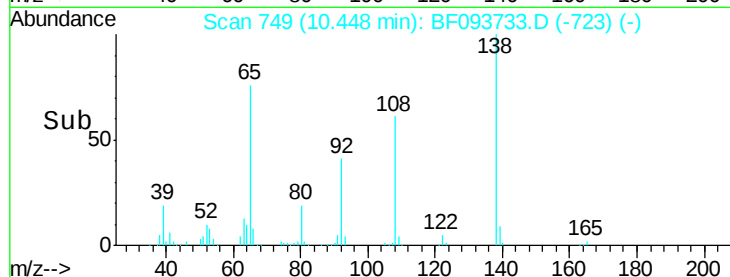
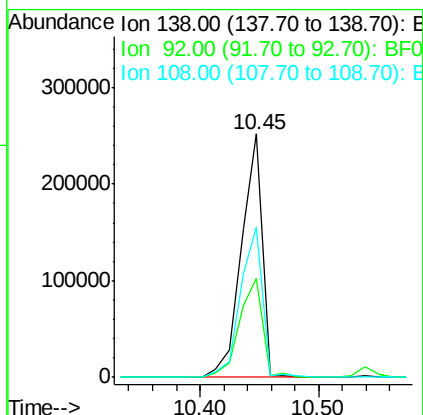
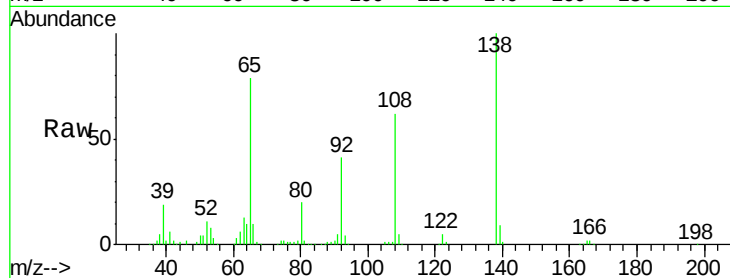
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	306723
Ion Ratio	Lower	Upper	
138	100		
92	40.5	21.8	61.8
108	61.8	42.3	82.3

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#62

Azobenzene

Concen: 41.32 ng

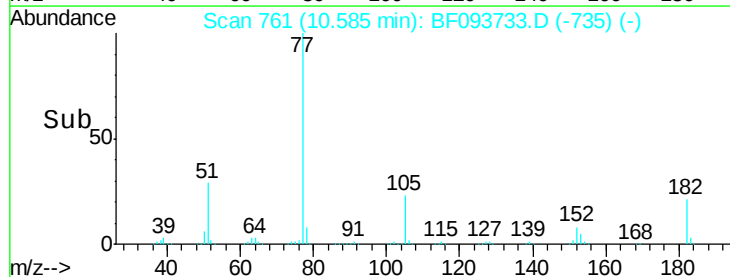
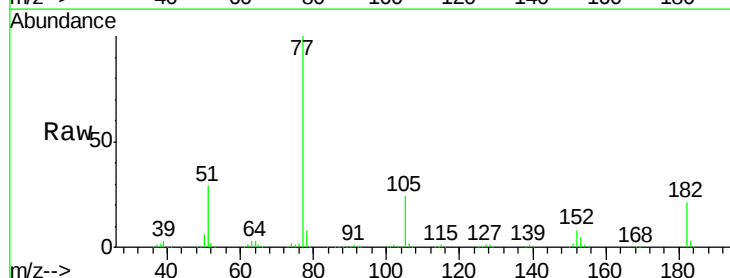
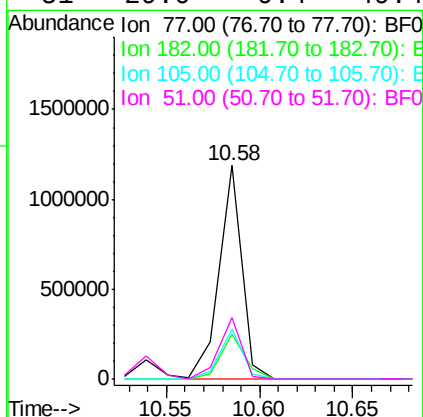
RT: 10.58 min Scan# 761

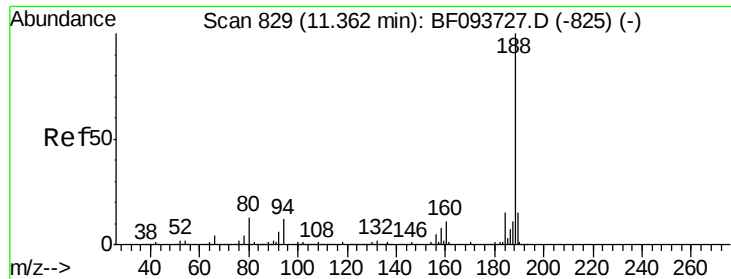
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	77	Resp:	1013907
Ion Ratio	Lower	Upper	
77	100		
182	21.1	0.1	40.1
105	23.5	3.6	43.6
51	29.0	9.4	49.4





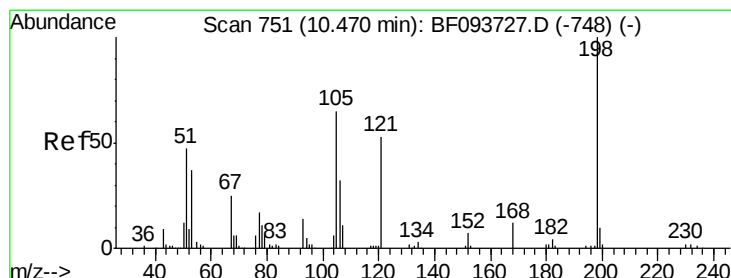
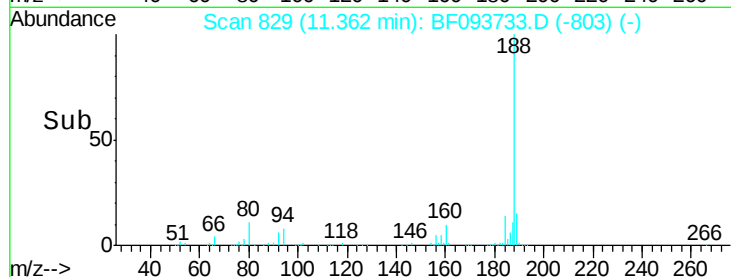
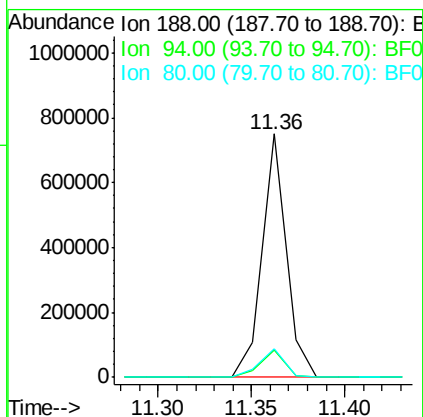
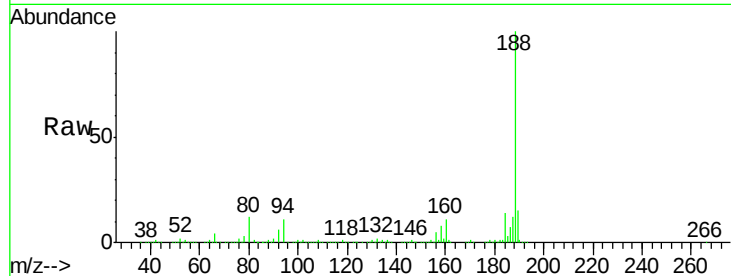
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	671499		
94	11.0		9.4	14.2
80	11.5		10.2	15.2

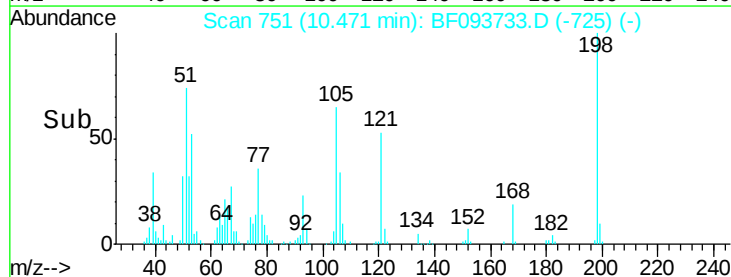
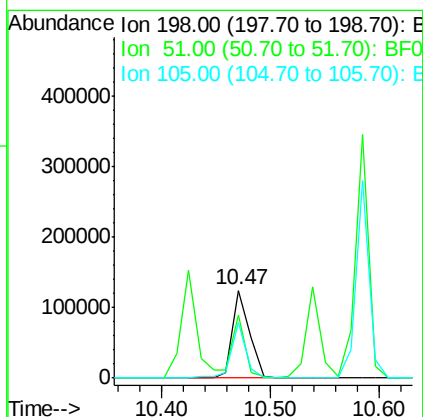
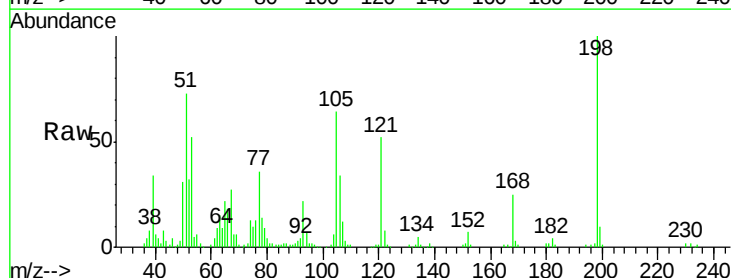
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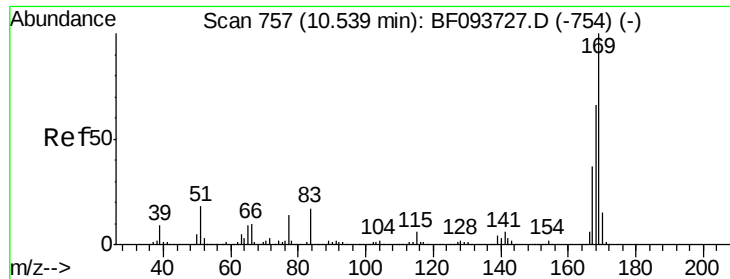
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.10 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	133370		
51	72.6		53.2	93.2
105	63.8		45.8	85.8





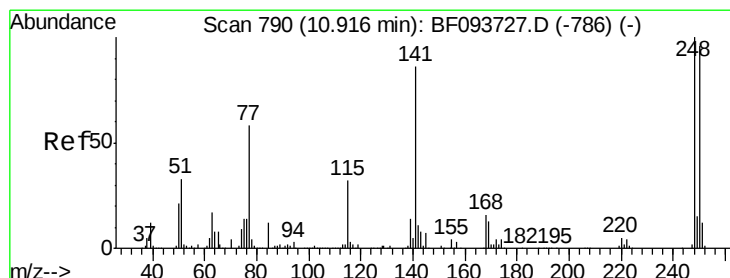
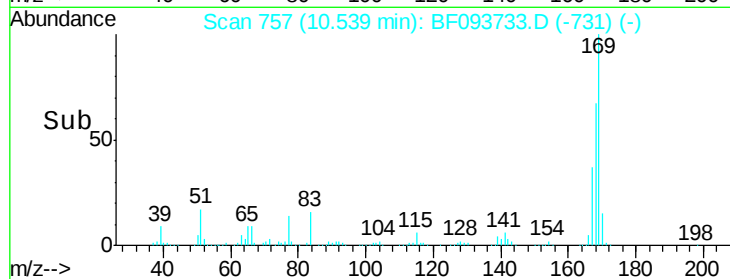
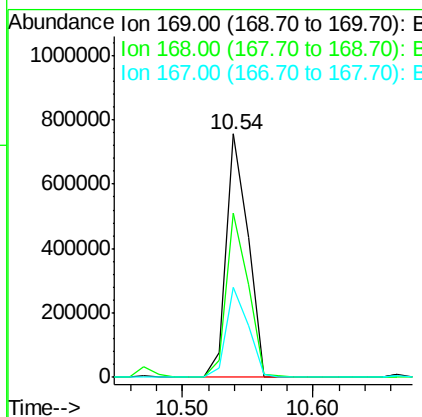
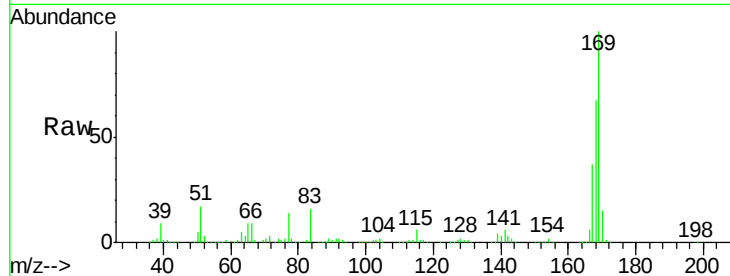
#65
 n-Nitrosodiphenylamine
 Concen: 38.59 ng
 RT: 10.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	874662		
168	67.4	53.2	79.8	
167	36.9	29.5	44.3	

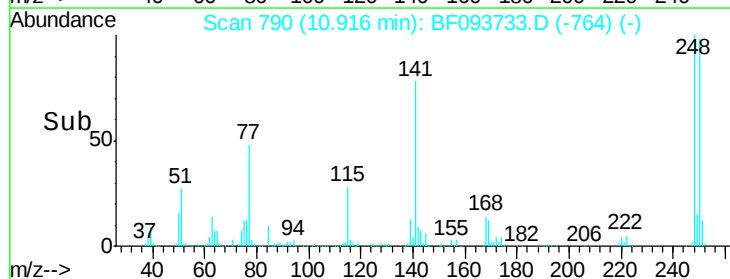
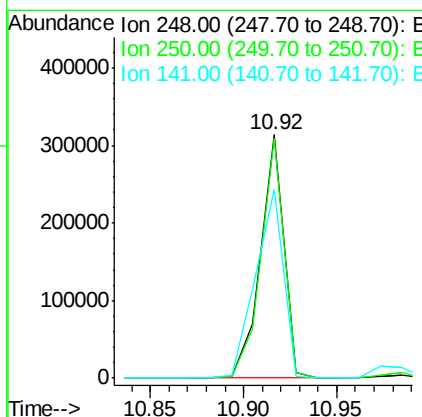
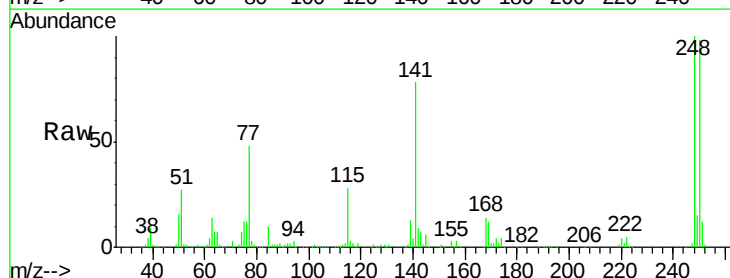
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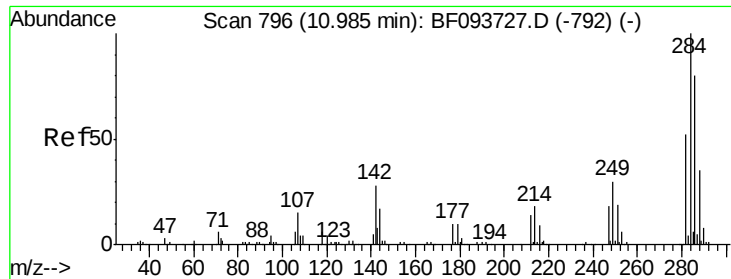
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 42.41 ng
 RT: 10.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269224		
250	98.5	76.8	115.2	
141	77.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 43.06 ng

RT: 10.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF093733.D

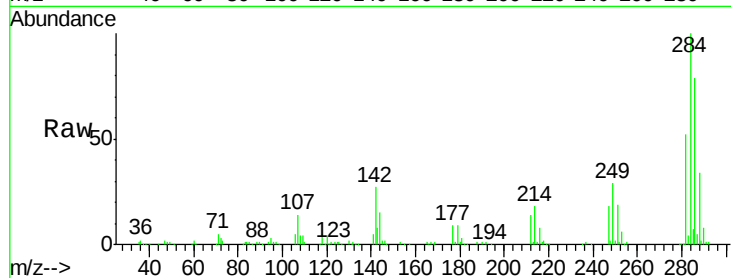
Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

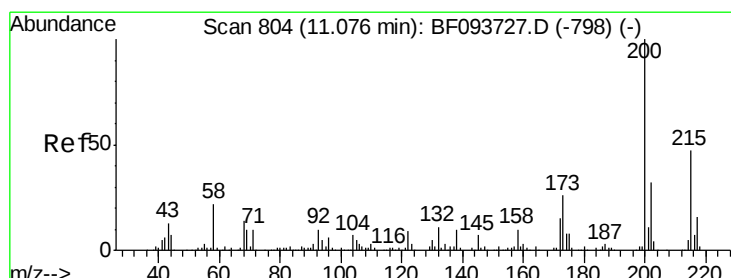
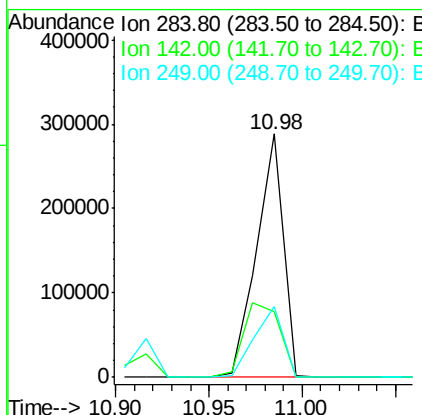
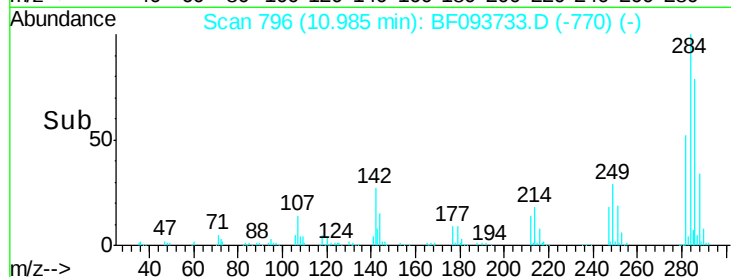
SSTDCCC040



Tgt Ion:	284	Resp:	285714
Ion Ratio	Lower	Upper	
284	100		
142	27.2	22.8	34.2
249	29.0	24.0	36.0

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#68

Atrazine

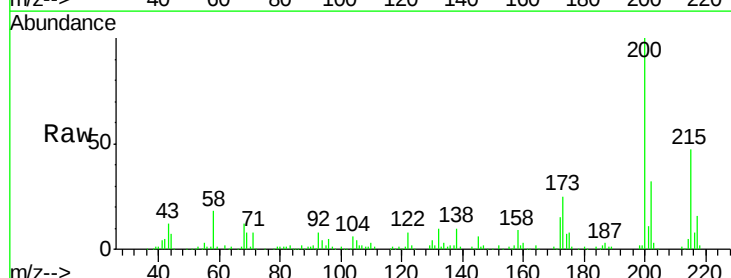
Concen: 44.36 ng

RT: 11.08 min Scan# 804

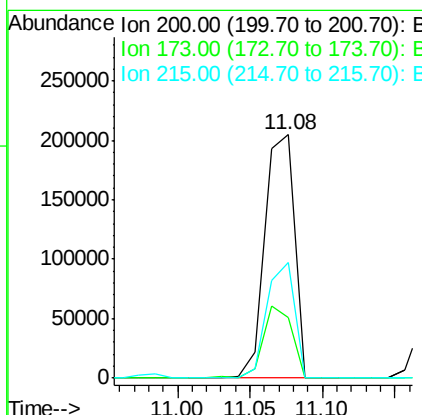
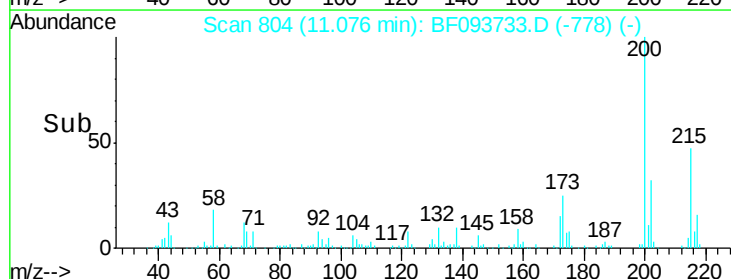
Delta R.T. 0.00 min

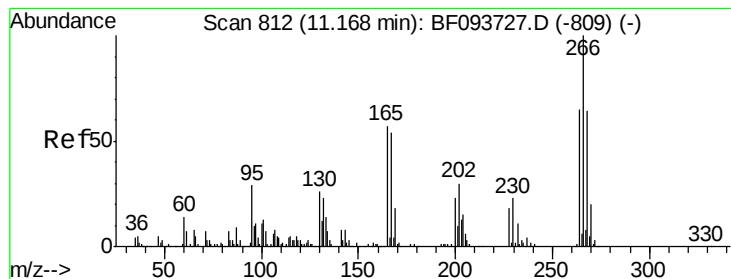
Lab File: BF093733.D

Acq: 18 Mar 2017 5:32



Tgt Ion:	200	Resp:	289555
Ion Ratio	Lower	Upper	
200	100		
173	24.8	6.3	46.3
215	47.3	27.2	67.2





#69

Pentachlorophenol

Concen: 44.01 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

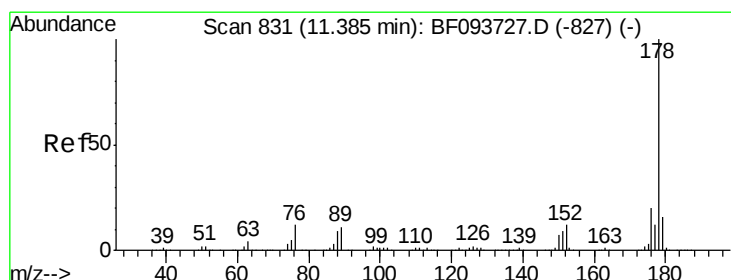
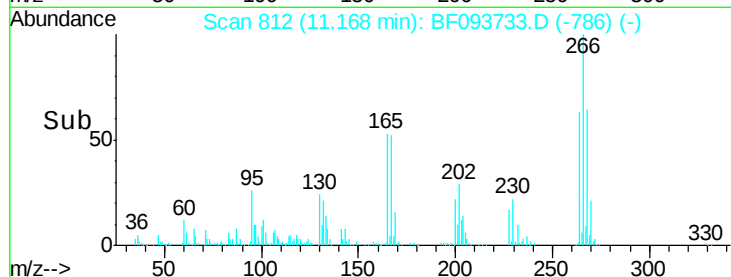
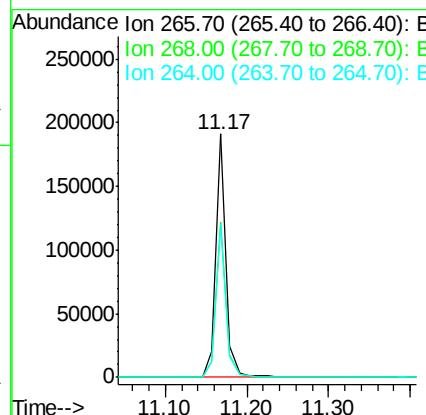
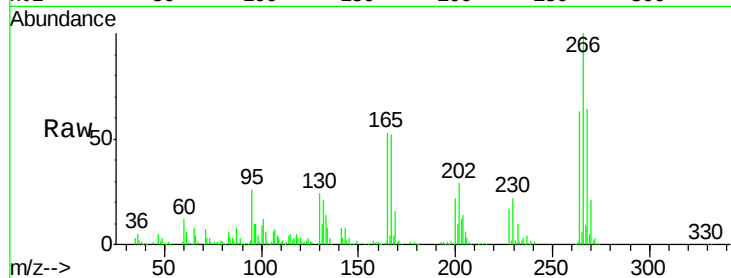
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.9	51.7	77.5

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#70

Phenanthrene

Concen: 35.87 ng

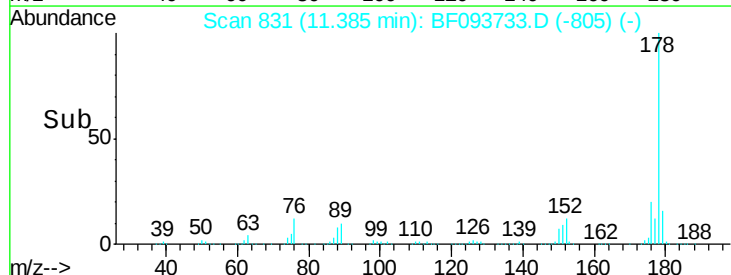
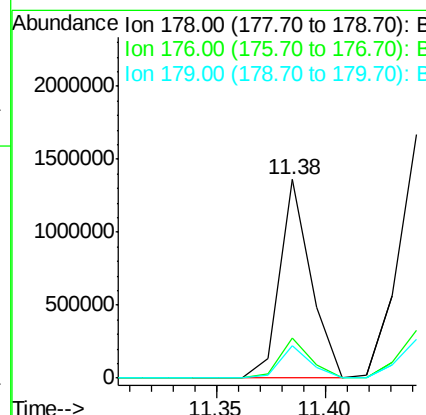
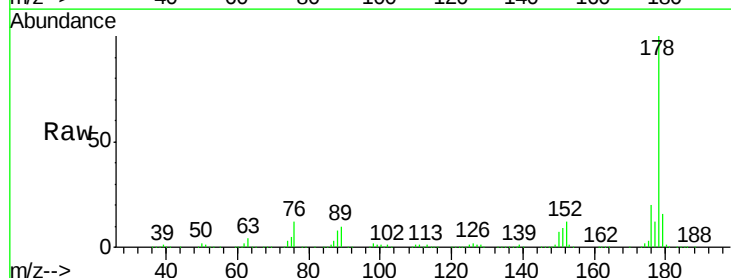
RT: 11.38 min Scan# 831

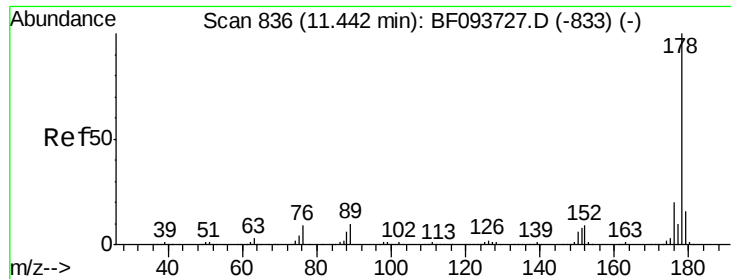
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.1	12.6	19.0





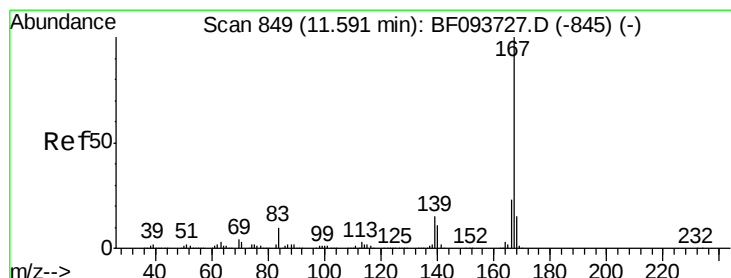
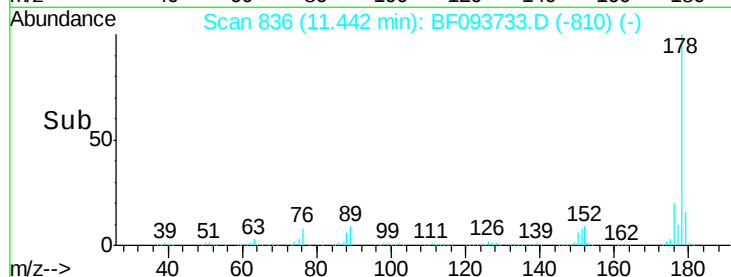
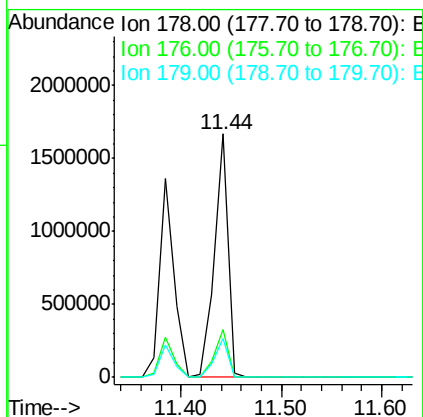
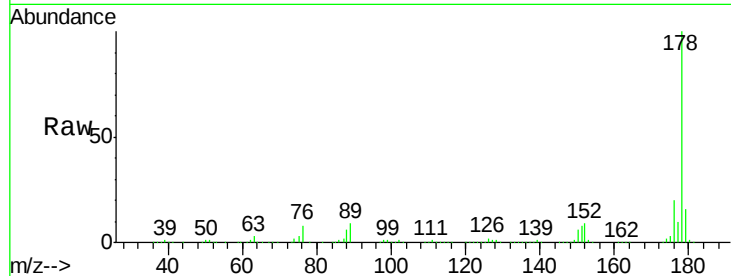
#71
 Anthracene
 Concen: 42.27 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1570389
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 12.7 19.1

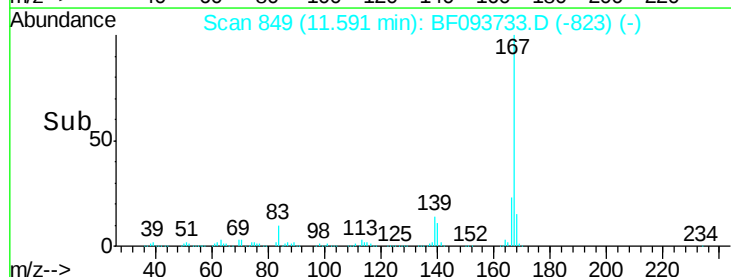
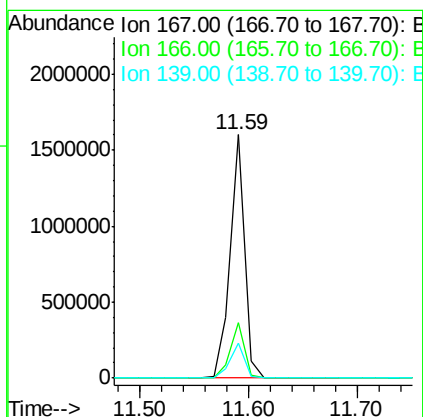
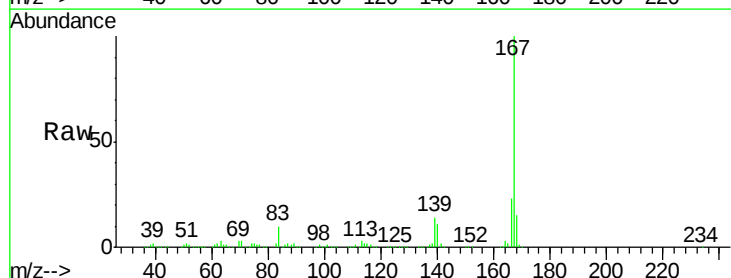
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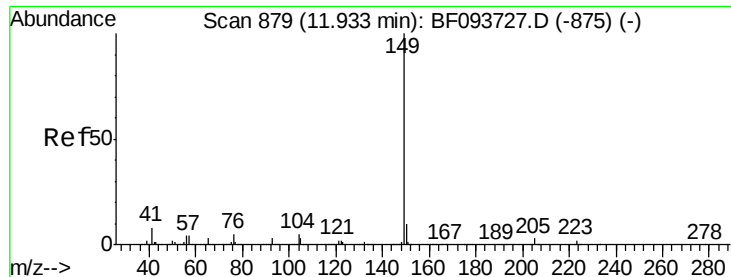
mohammad
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#72
 Carbazole
 Concen: 37.61 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:167 Resp: 1462607
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1559401

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

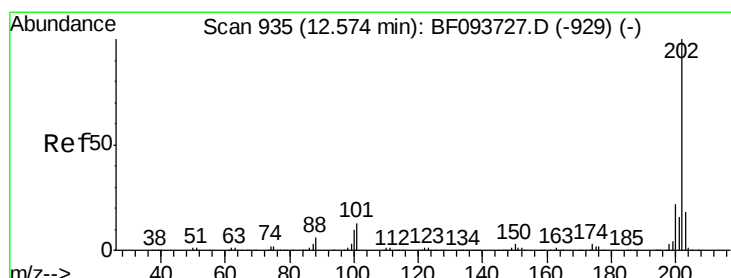
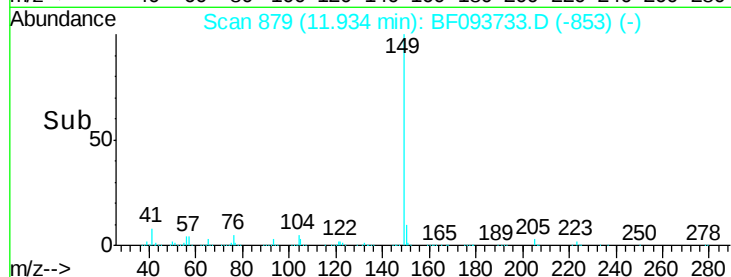
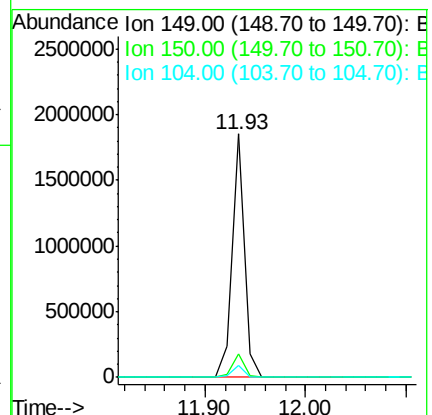
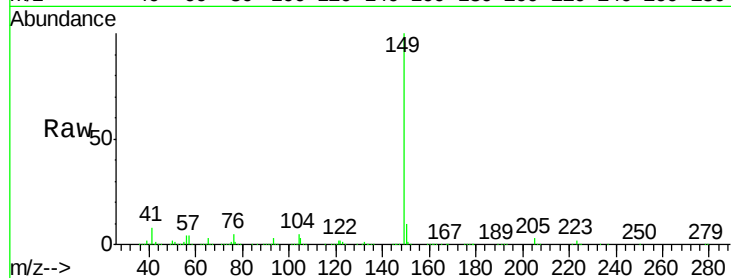
104 5.0 4.0 6.0

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#74

Fluoranthene

Concen: 41.84 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

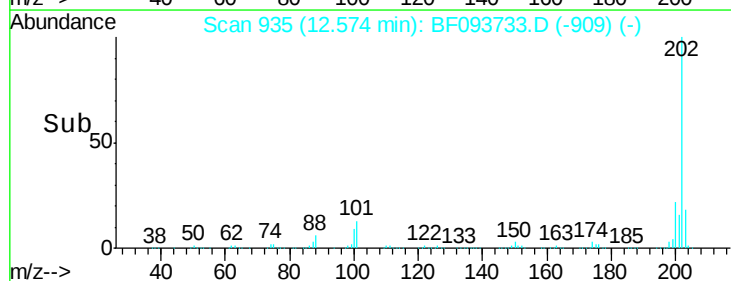
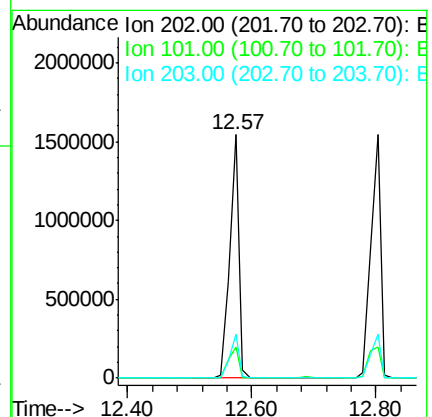
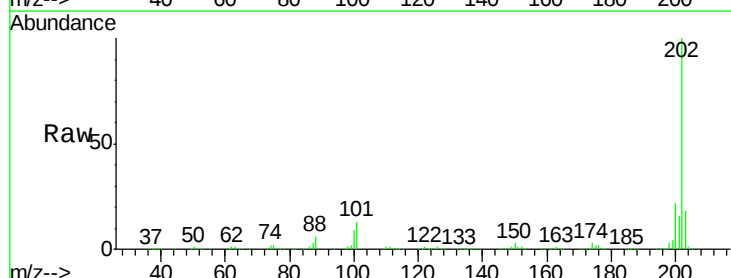
Tgt Ion:202 Resp: 1539240

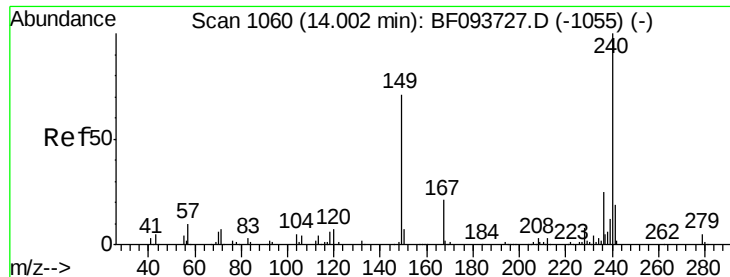
Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

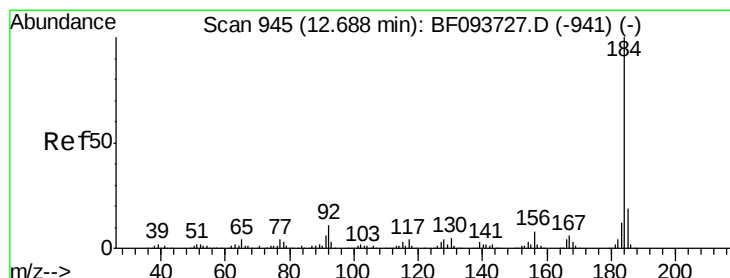
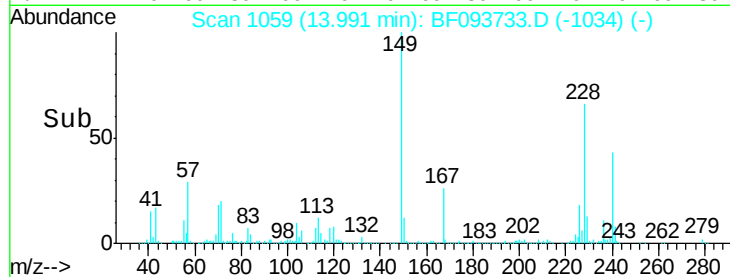
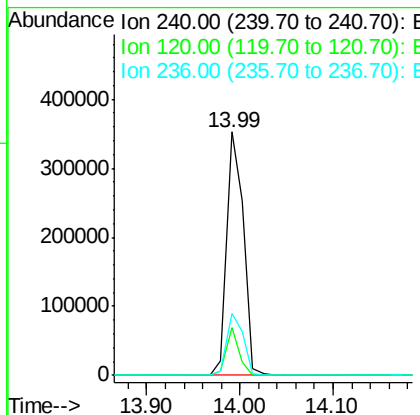
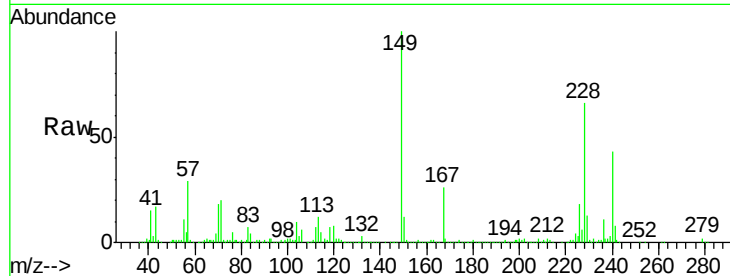
ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 439498
 Ion Ratio Lower Upper
 240 100
 120 19.4 5.8 8.8#
 236 25.6 20.5 30.7

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#76

Benzidine

Concen: 40.64 ng

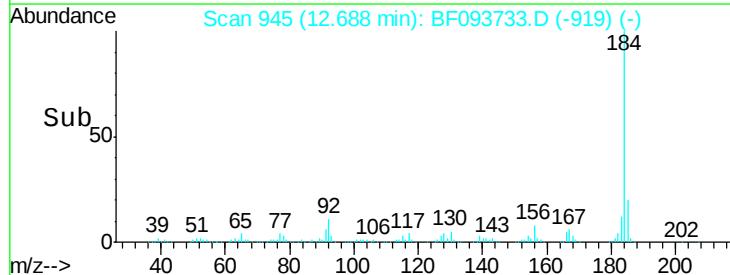
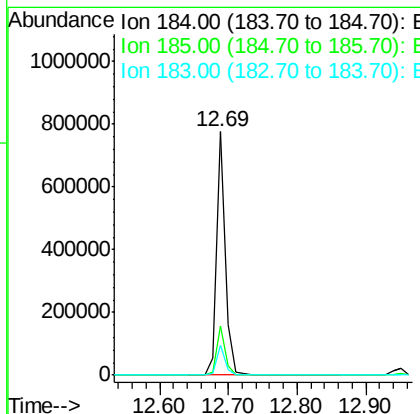
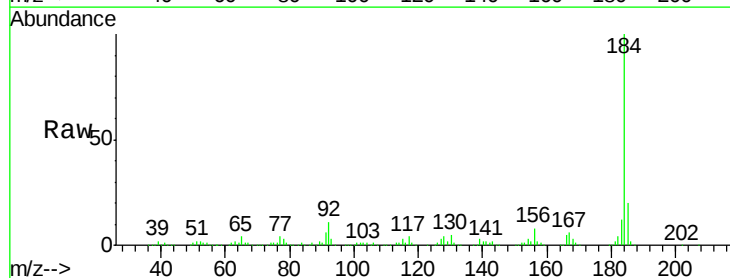
RT: 12.69 min Scan# 945

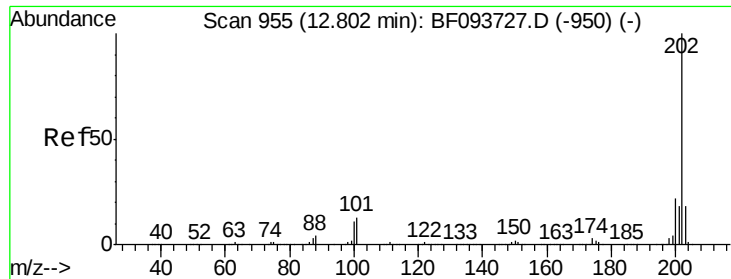
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:184 Resp: 697935
 Ion Ratio Lower Upper
 184 100
 185 20.4 15.5 23.3
 183 12.3 9.8 14.6





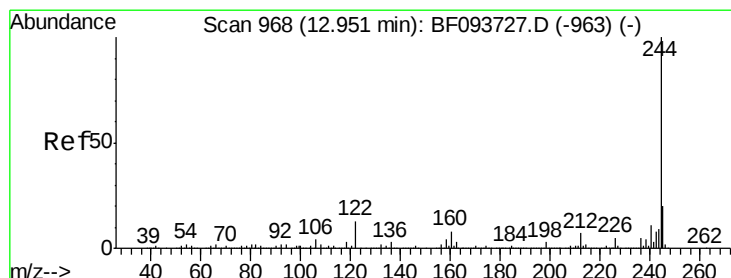
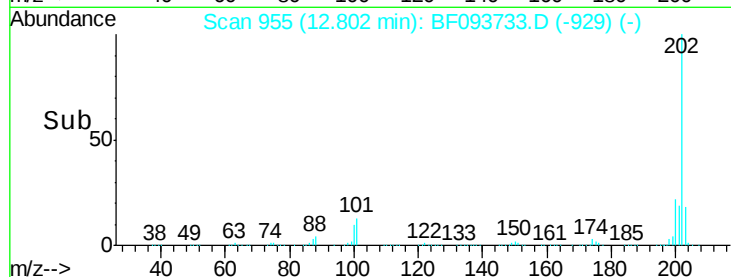
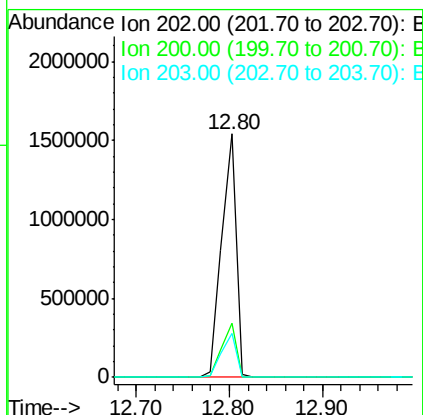
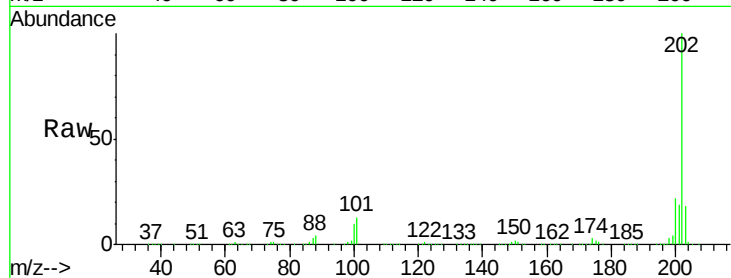
#77
 Pyrene
 Concen: 44.43 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.9	14.4	21.6

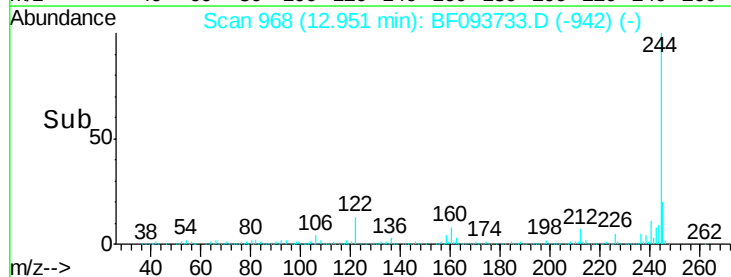
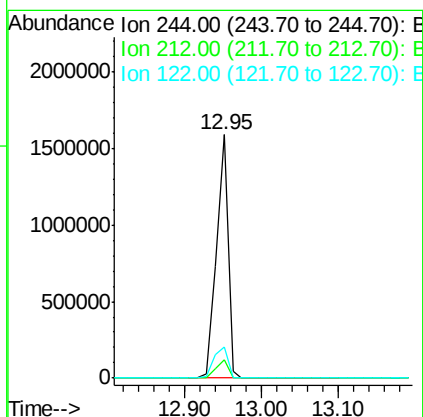
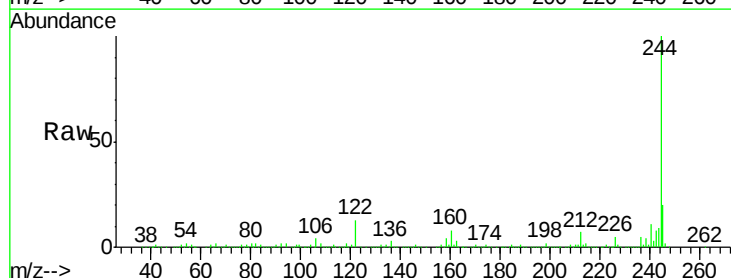
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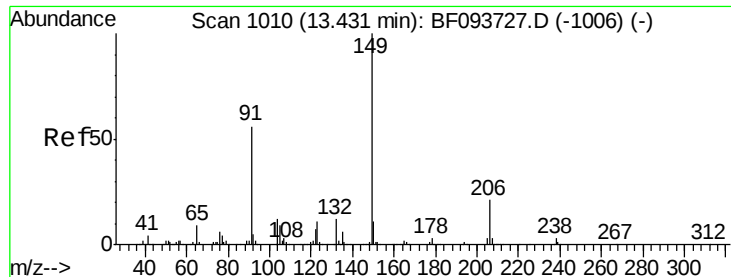
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#78
 Terphenyl-d14
 Concen: 80.99 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.5	10.3	15.5





#79

Butylbenzylphthalate

Concen: 45.28 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

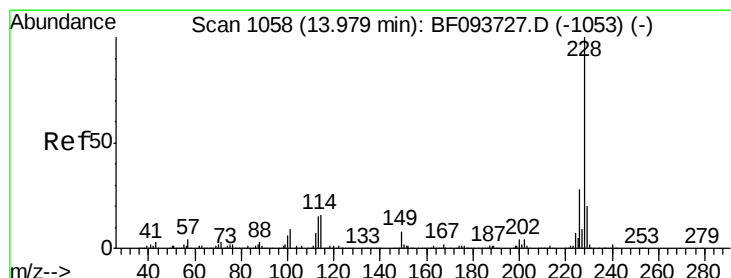
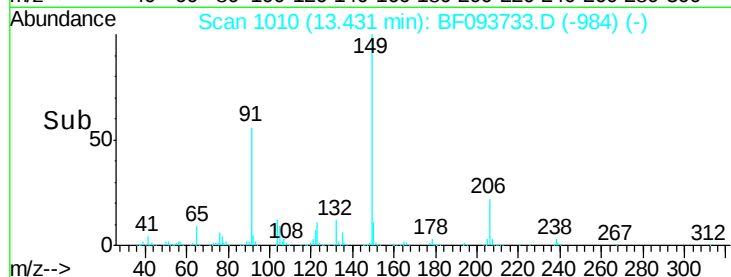
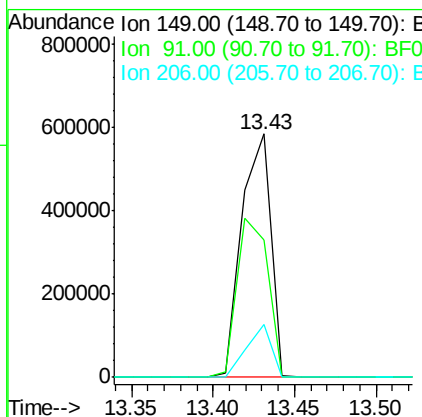
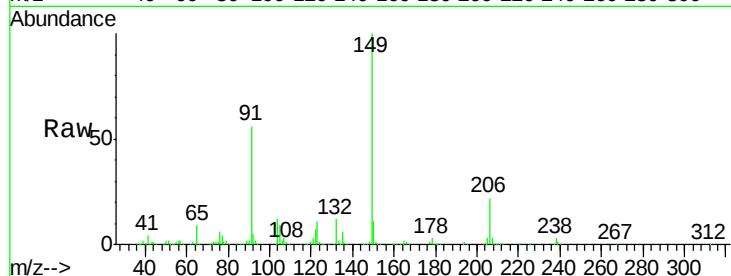
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	718984
Ion Ratio	Lower	Upper	
149	100		
91	56.2	45.0	67.4
206	21.8	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 41.11 ng

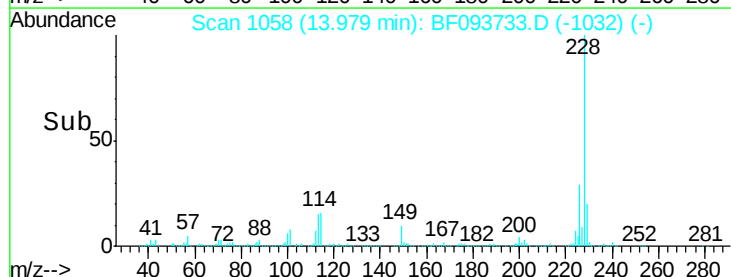
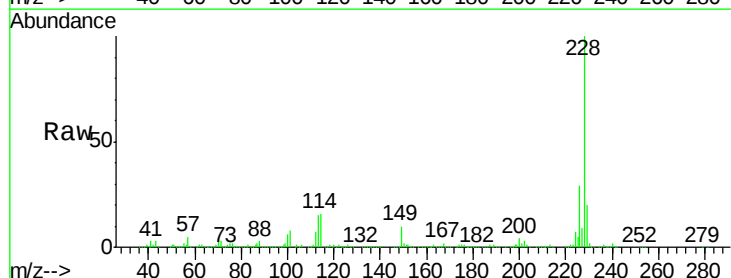
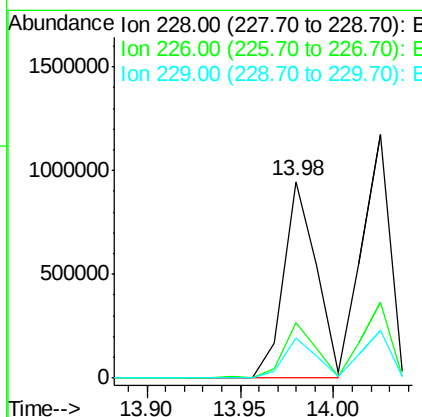
RT: 13.98 min Scan# 1058

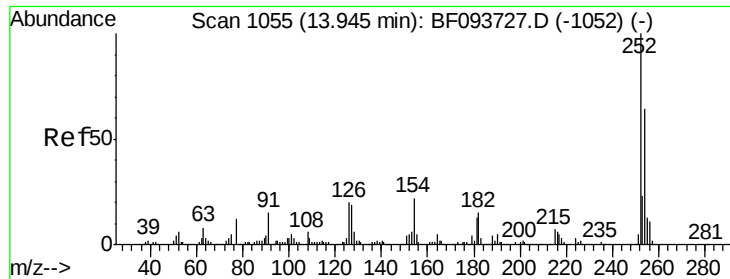
Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	228	Resp:	1159609
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.2	16.3	24.5





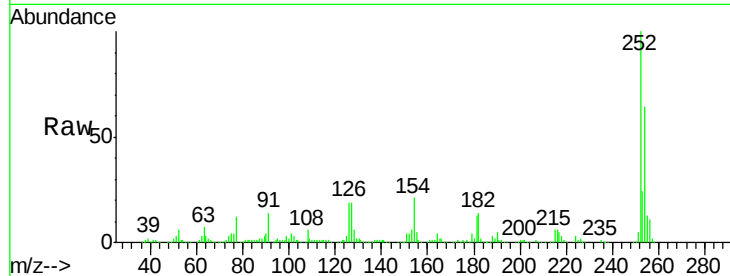
#81
 3,3'-Dichlorobenzidine
 Concen: 41.20 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

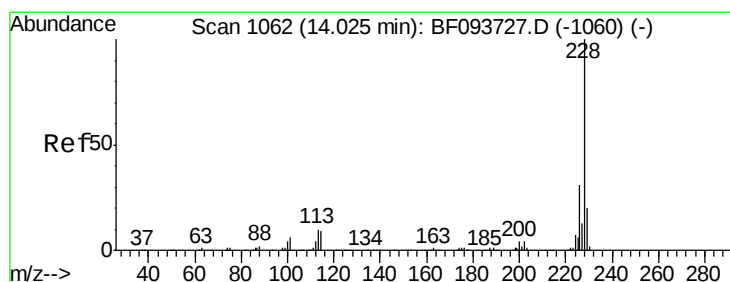
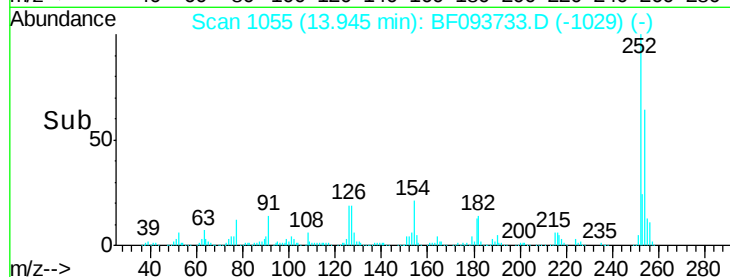
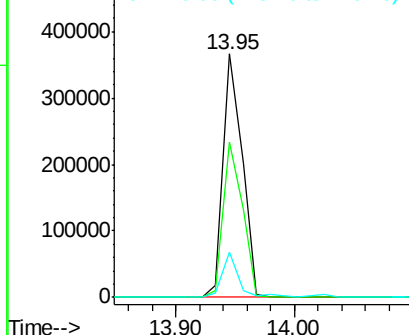
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	18.6	15.8	23.8

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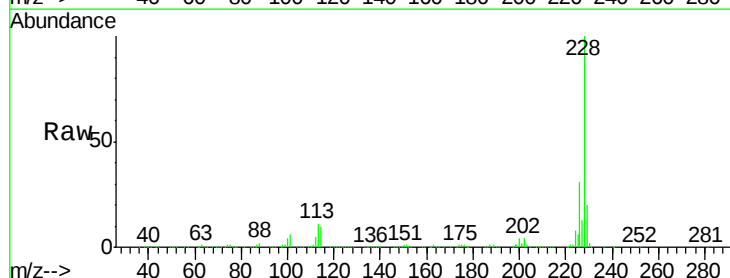


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

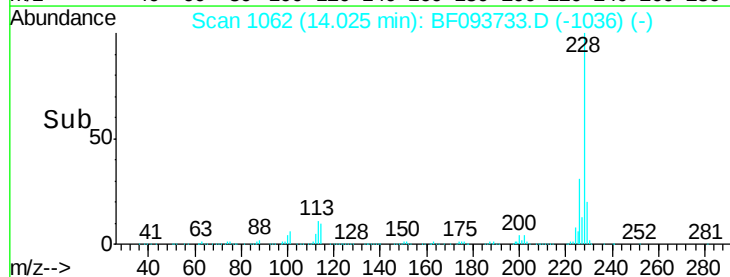
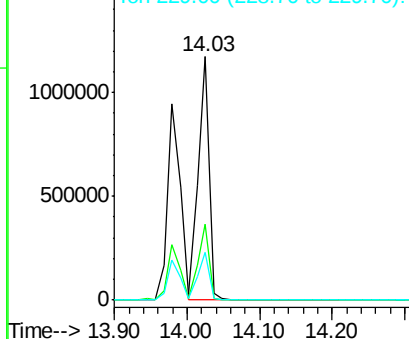


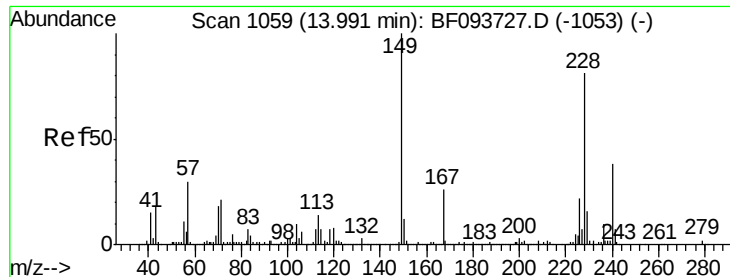
#82
 Chrysene
 Concen: 44.92 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.7	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





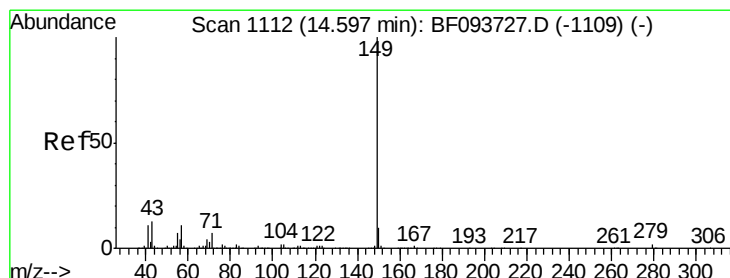
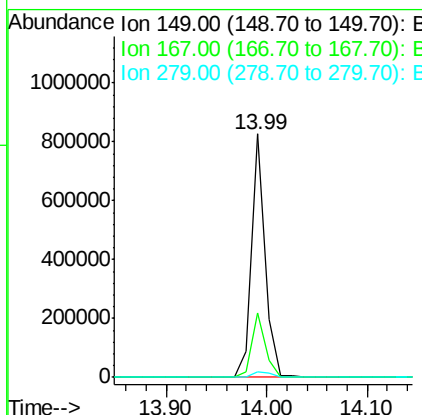
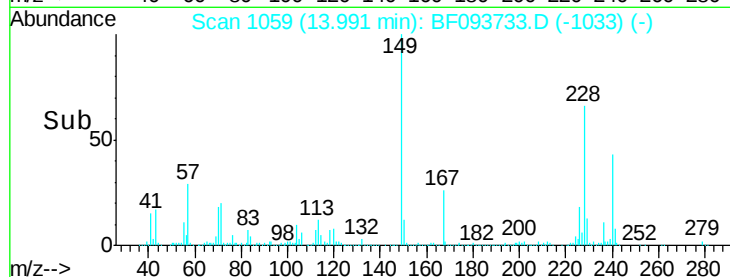
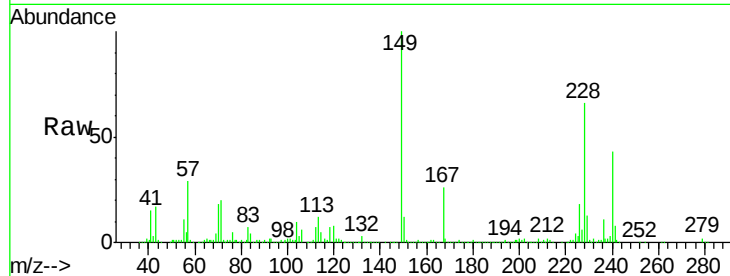
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.47 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	149	Resp:	776418
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	2.5	1.9	2.9

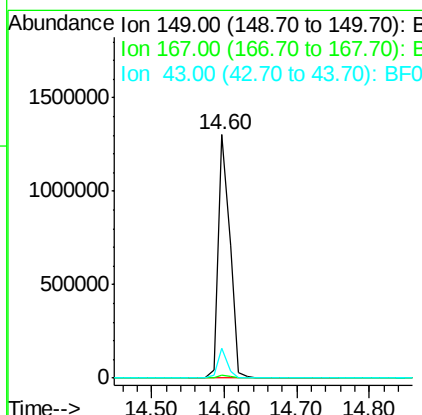
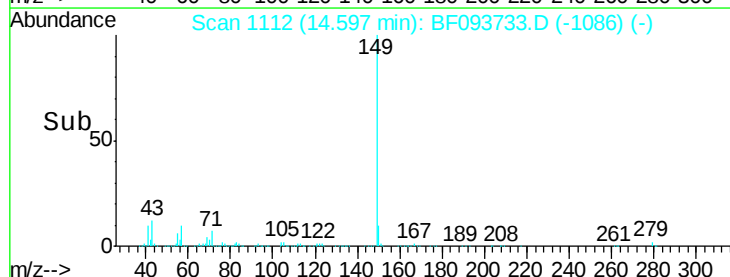
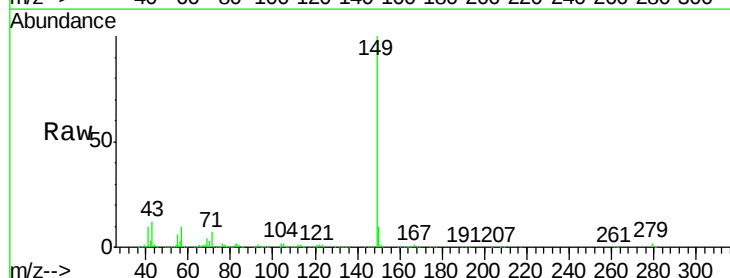
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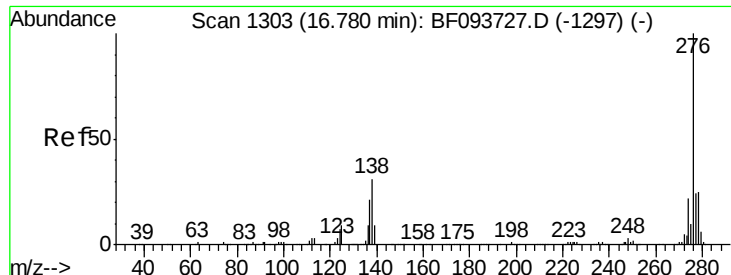
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#84
 Di-n-octyl phthalate
 Concen: 44.86 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Tgt Ion:	149	Resp:	1443770
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.6	8.5	12.7





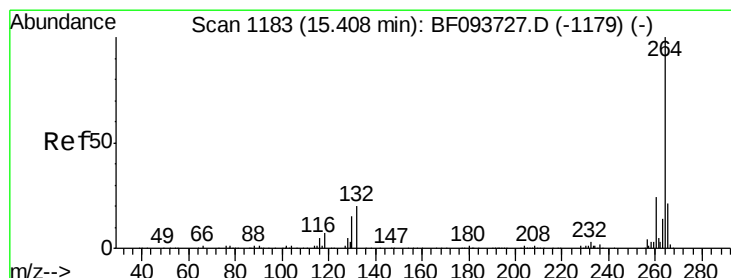
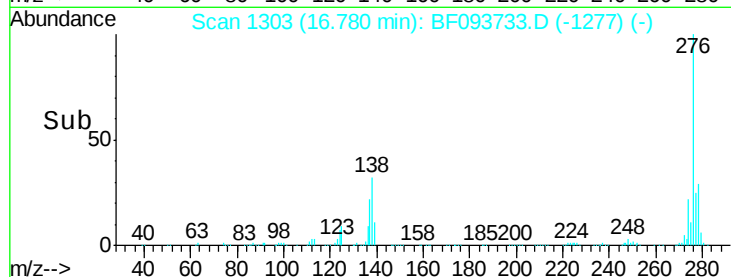
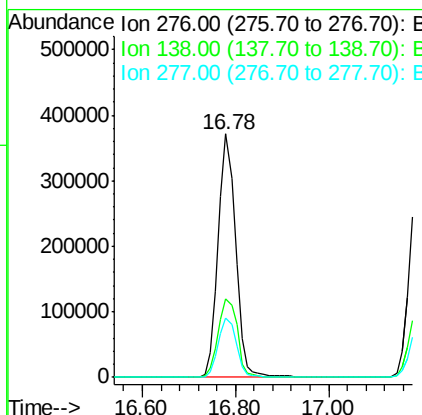
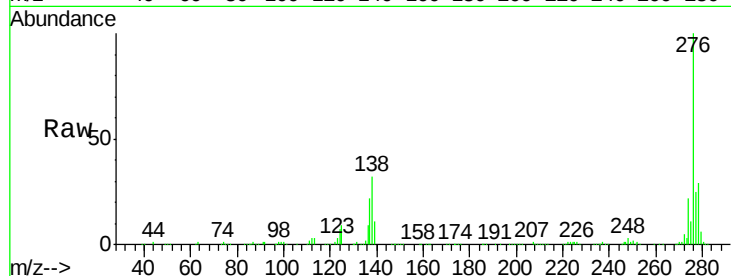
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.11 ng
RT: 16.78 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.3	20.2	30.4

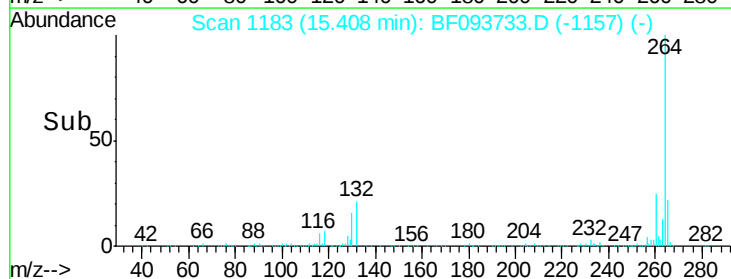
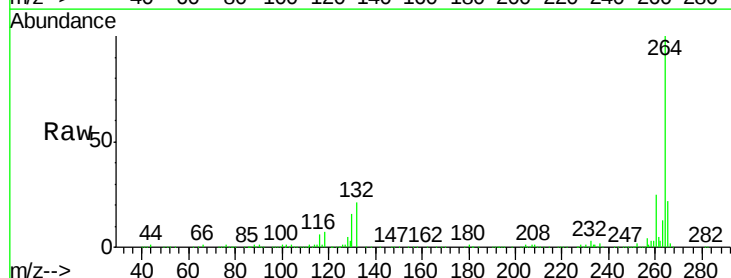
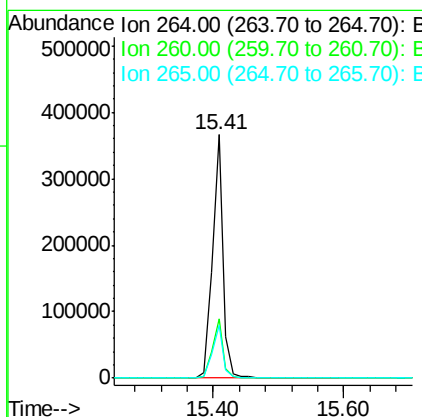
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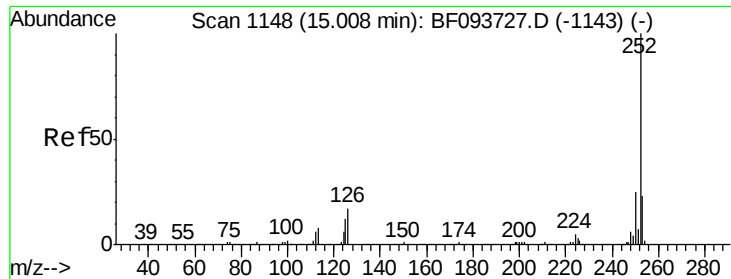
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	17.2	25.8





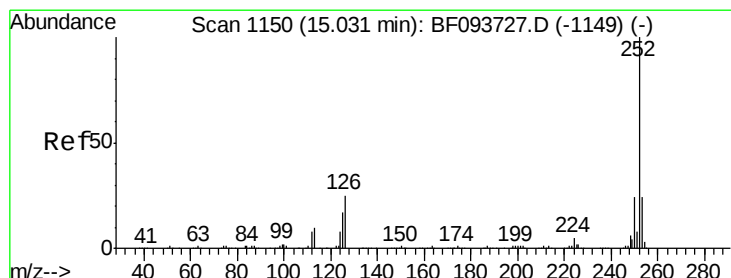
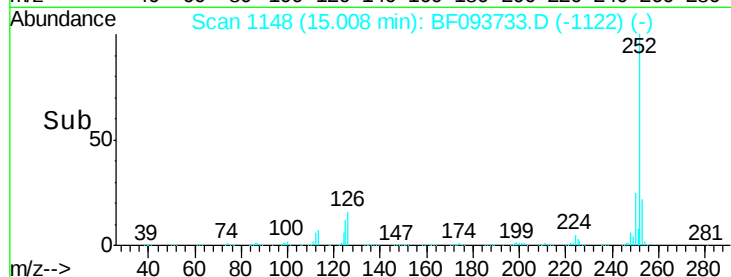
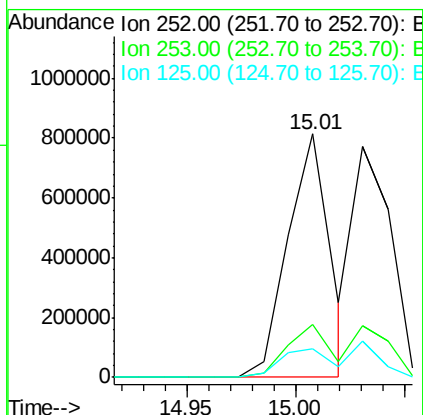
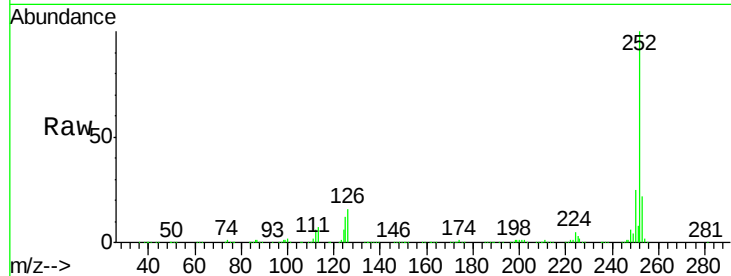
#87
Benzo(b)fluoranthene
Concen: 40.83 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.8	9.8	14.8

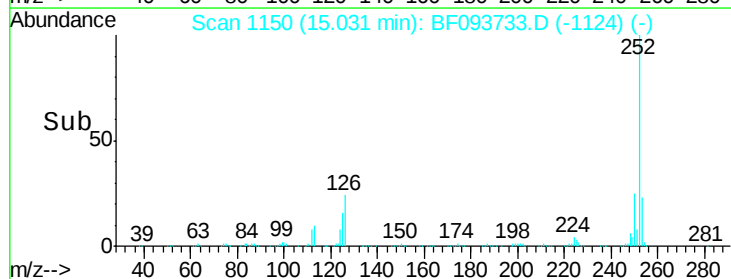
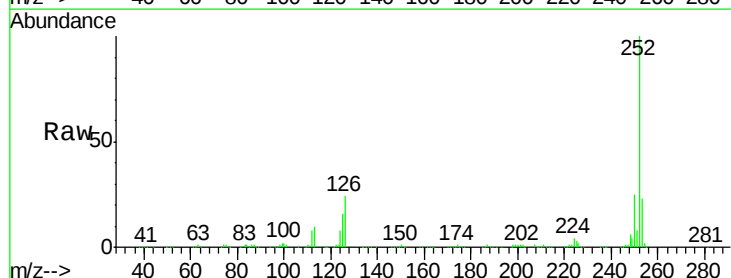
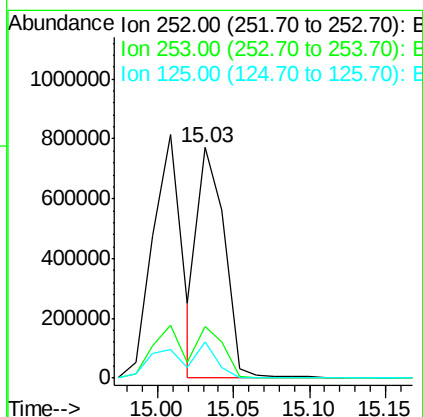
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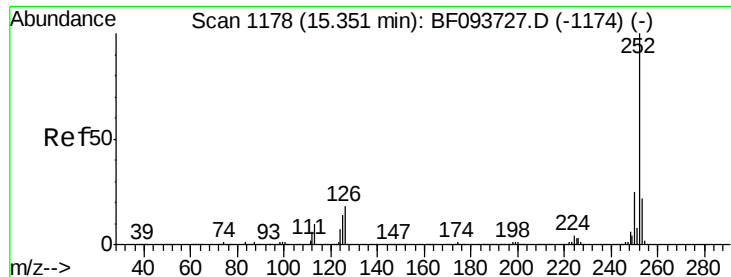
mohammad
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#88
Benzo(k)fluoranthene
Concen: 40.47 ng m
RT: 15.03 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF093733.D
Acq: 18 Mar 2017 5:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	15.9	13.1	19.7





#89

Benzo(a)pyrene

Concen: 40.56 ng

RT: 15.35 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Instrument :

BNA_F

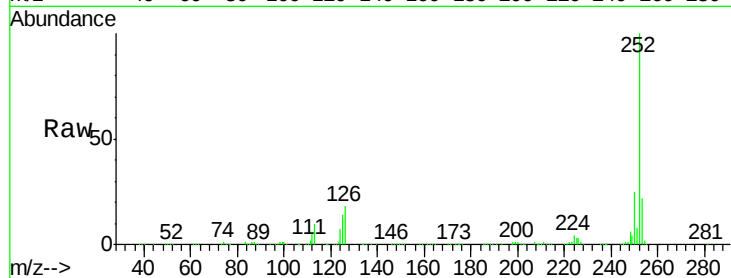
ClientSampleId :

SSTDCCC040

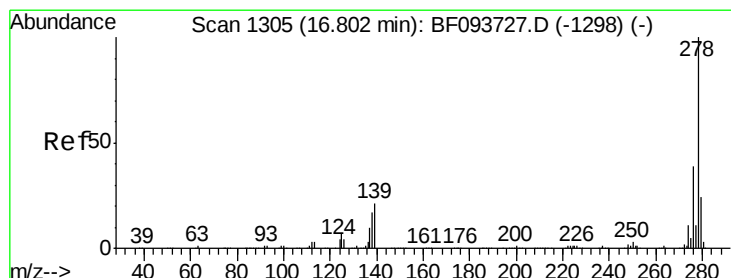
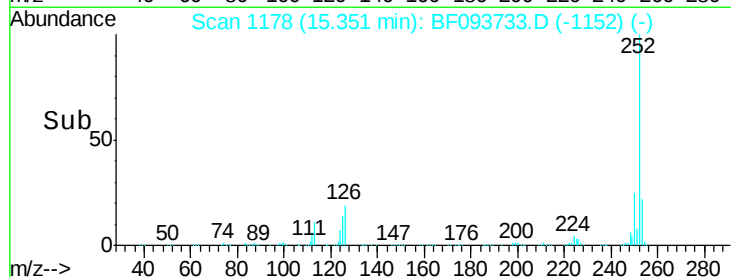
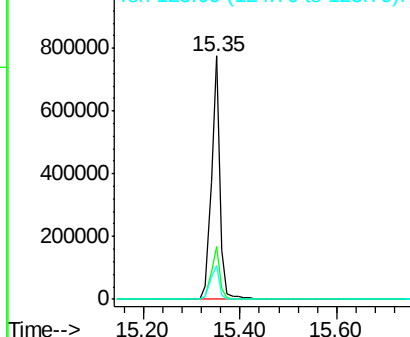
Tgt Ion:	252	Resp:	959813
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	13.9	11.0	16.4

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.33 ng

RT: 16.80 min Scan# 1305

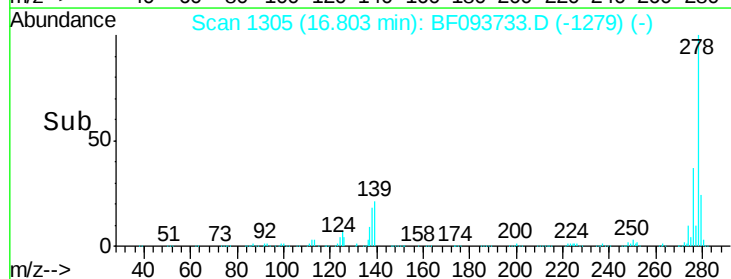
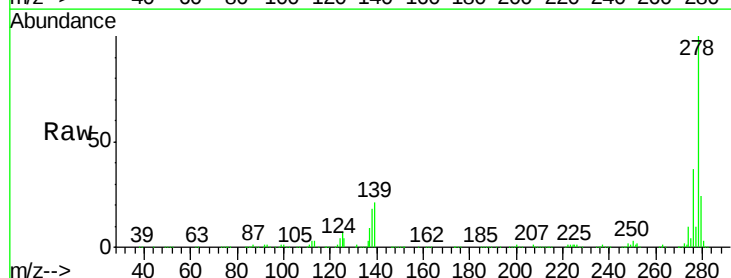
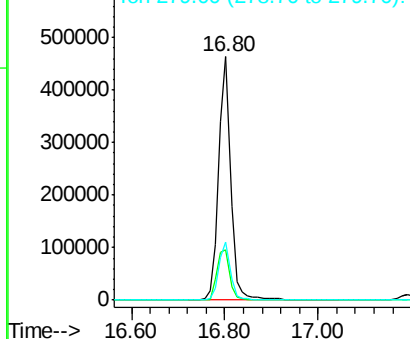
Delta R.T. 0.00 min

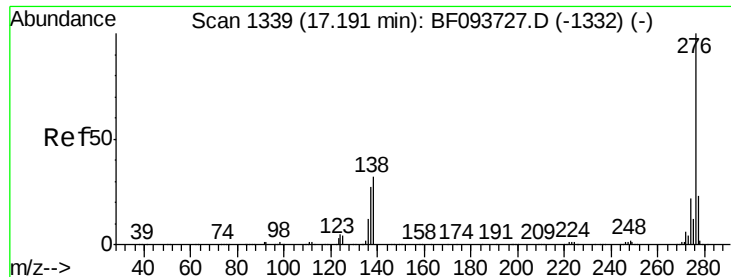
Lab File: BF093733.D

Acq: 18 Mar 2017 5:32

Tgt Ion:	278	Resp:	827498
Ion Ratio	Lower	Upper	
278	100		
139	20.6	16.6	24.8
279	24.0	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 41.27 ng
 RT: 17.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF093733.D
 Acq: 18 Mar 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	840205
Ion Ratio		Lower	Upper
276	100		
277	23.7	18.6	28.0
138	32.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:58:20 PM

