

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093130.D
 Acq On : 24 Feb 2017 5:07
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Quant Time: Feb 24 06:11:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	179296	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	648876	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	302709	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	430153	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	361689	20.00	ng	-0.01
86) Perylene-d12	15.43	264	329845	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	879624	84.17	ng	-0.01
7) Phenol-d6	6.49	99	1048288	77.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	1027359	88.17	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	146663	66.99	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1363540	81.61	ng	-0.01
78) Terphenyl-d14	12.95	244	1063527	69.09	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	223023	39.49	ng	# 82
3) Pyridine	3.10	79	632784	44.07	ng	# 85
4) n-Nitrosodimethylamine	3.07	42	287852	42.69	ng	# 86
6) Aniline	6.51	93	762917	41.59	ng	# 47
8) 2-Chlorophenol	6.62	128	454699	39.44	ng	# 90
9) Benzaldehyde	6.38	77	330374	34.29	ng	# 91
10) Phenol	6.50	94	569992	36.23	ng	# 92
11) bis(2-Chloroethyl)ether	6.58	93	488904	38.93	ng	# 89
12) 1,3-Dichlorobenzene	6.78	146	555863	41.16	ng	# 97
13) 1,4-Dichlorobenzene	6.86	146	561088	41.05	ng	# 93
14) 1,2-Dichlorobenzene	7.01	146	480853	36.79	ng	# 97
15) Benzyl Alcohol	6.99	79	346759	34.83	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	867042	39.74	ng	# 96
17) 2-Methylphenol	7.12	107	402573	40.70	ng	# 97
18) Hexachloroethane	7.36	117	157974	33.86	ng	# 97
19) n-Nitroso-di-n-propylamine	7.26	70	330569	38.62	ng	# 94
20) 3+4-Methylphenols	7.26	107	473434	40.03	ng	# 63
22) Acetophenone	7.26	105	618726	41.76	ng	# 95
24) Nitrobenzene	7.44	77	504284	42.15	ng	# 99
25) Isophorone	7.68	82	909230	41.88	ng	# 95
26) 2-Nitrophenol	7.76	139	246276	43.30	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	440826	44.13	ng	# 93
28) bis(2-Chloroethoxy)methane	7.89	93	669579	46.56	ng	# 99
29) 2,4-Dichlorophenol	8.00	162	368236	39.53	ng	# 85
30) 1,2,4-Trichlorobenzene	8.08	180	396881	39.53	ng	# 96
31) Naphthalene	8.16	128	1251671	38.05	ng	# 100
32) Benzoic acid	7.93	122	212188	39.06	ng	# 97
33) 4-Chloroaniline	8.21	127	567327	43.98	ng	# 98
34) Hexachlorobutadiene	8.27	225	208434	37.74	ng	# 99
35) Caprolactam	8.59	113	112145	38.27	ng	# 31
36) 4-Chloro-3-methylphenol	8.70	107	383229	39.46	ng	# 85
37) 2-Methylnaphthalene	8.84	142	813105	38.50	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	368371	43.35	ng	# 98
40) Hexachlorocyclopentadiene	9.00	237	19587	5.11	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	228527	40.93	nq	92
43) 2,4,5-Trichlorophenol	9.17	196	254646	41.62	nq #	90
45) 1,1'-Biphenyl	9.31	154	950055	43.34	nq	97
46) 2-Chloronaphthalene	9.33	162	718565	41.91	nq	96
47) 2-Nitroaniline	9.44	65	269676	46.78	nq	98
48) Acenaphthylene	9.74	152	1114630	37.63	nq	99
49) Dimethylphthalate	9.62	163	928640	45.55	nq	100
50) 2,6-Dinitrotoluene	9.68	165	171936	39.05	nq #	78
51) Acenaphthene	9.92	154	622423	35.15	nq	97
52) 3-Nitroaniline	9.85	138	224707	44.59	nq	96
53) 2,4-Dinitrophenol	9.96	184	12573	10.02	nq #	78
54) Dibenzofuran	10.09	168	862464	36.41	nq	97
55) 4-Nitrophenol	10.02	139	128620	35.44	nq #	79
56) 2,4-Dinitrotoluene	10.08	165	204089	34.81	nq #	85
57) Fluorene	10.43	166	709006	38.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	164275	40.25	nq	94
59) Diethylphthalate	10.30	149	790360	41.13	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	326588	37.30	nq	96
61) 4-Nitroaniline	10.45	138	211018	40.88	nq	92
62) Azobenzene	10.58	77	801265	40.36	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	26224	12.13	nq #	45
65) n-Nitrosodiphenylamine	10.54	169	672038	48.91	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	196956	43.83	nq	95
67) Hexachlorobenzene	10.98	284	183946	41.42	nq	95
68) Atrazine	11.07	200	178679	40.52	nq	98
69) Pentachlorophenol	11.17	266	89807	42.85	nq	97
70) Phenanthrene	11.39	178	973609	39.51	nq	98
71) Anthracene	11.44	178	987542	39.90	nq	99
72) Carbazole	11.60	167	890216	37.63	nq	99
73) Di-n-butylphthalate	11.93	149	1184582	46.30	nq #	96
74) Fluoranthene	12.58	202	966602	38.02	nq	93
76) Benzidine	12.71	184	643921	41.78	nq	97
77) Pyrene	12.81	202	1011293	37.36	nq	98
79) Butylbenzylphthalate	13.43	149	447699	40.73	nq #	72
80) Benzo(a)anthracene	14.00	228	875840	39.59	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	333885	42.34	nq	97
82) Chrysene	14.03	228	893317	43.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	618668	41.16	nq	99
84) Di-n-octyl phthalate	14.59	149	1163331	47.53	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	682942	42.57	nq #	93
87) Benzo(b)fluoranthene	15.03	252	946620m	43.60	nq	
88) Benzo(k)fluoranthene	15.05	252	682315m	36.40	nq	
89) Benzo(a)pyrene	15.37	252	758669	40.40	nq #	96
90) Dibenzo(a,h)anthracene	16.84	278	601241	39.61	nq	97
91) Benzo(g,h,i)perylene	17.25	276	572044	37.31	nq #	91

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

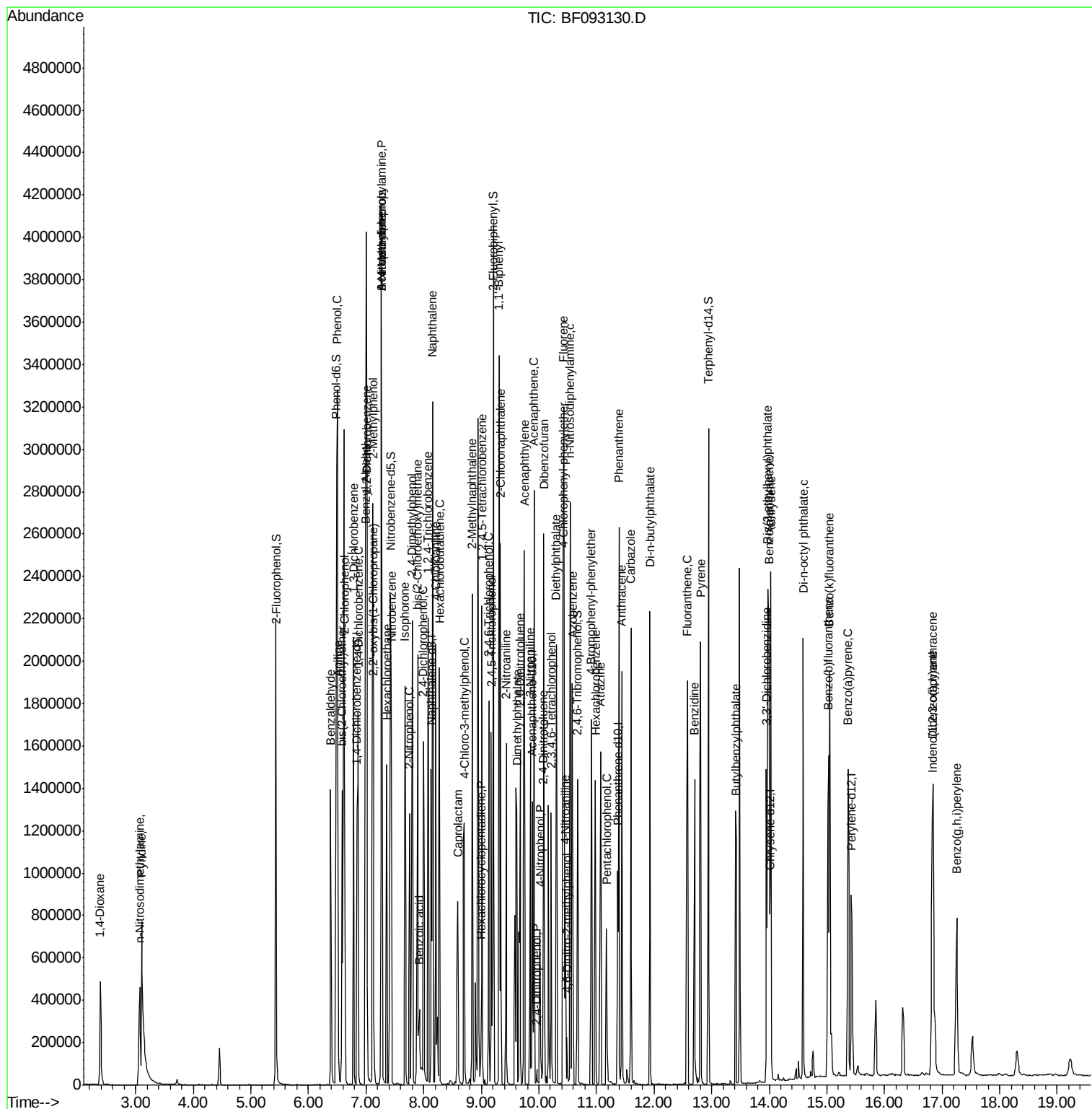
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
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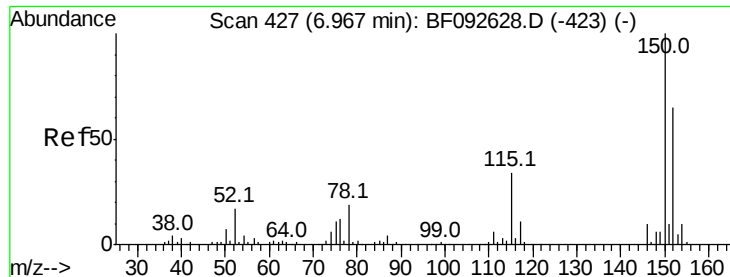
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 179296

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

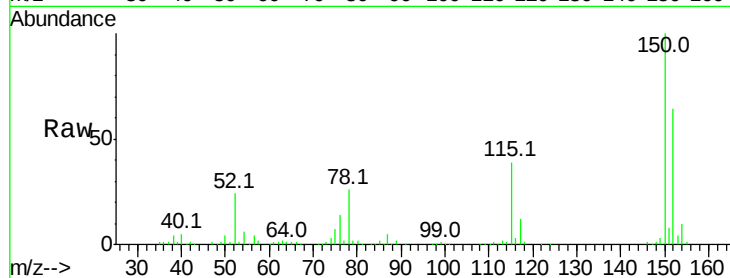
115 61.1 46.0 69.0

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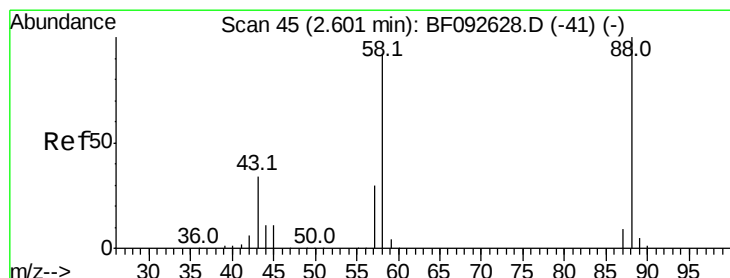
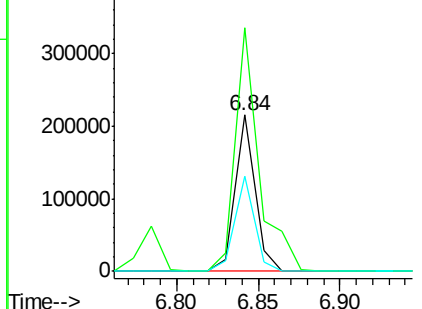
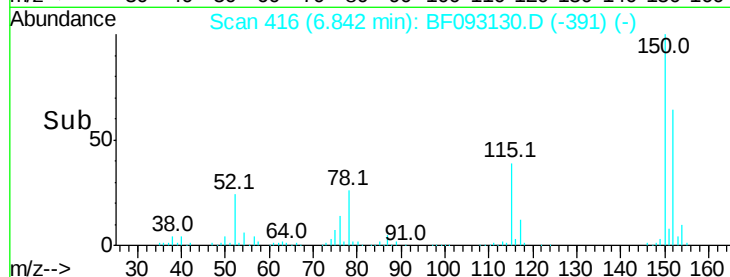
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.49 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.05 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

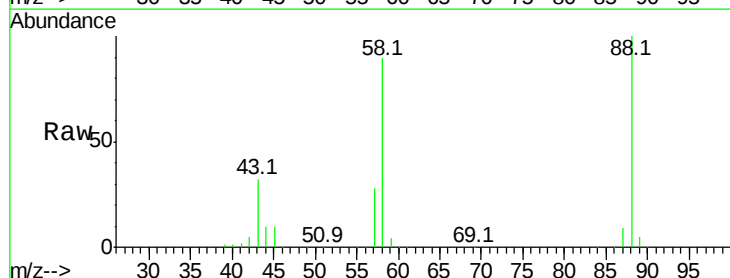
Tgt Ion: 88 Resp: 223023

Ion Ratio Lower Upper

88 100

58 90.4 57.8 86.8#

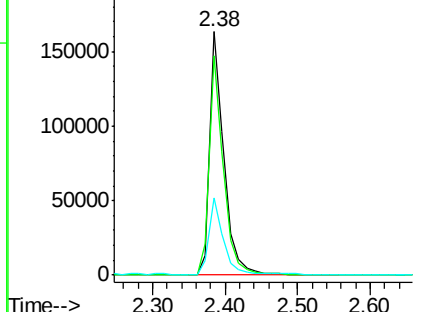
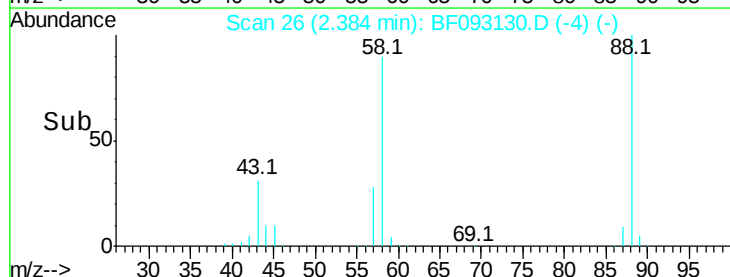
43 31.4 22.3 33.5

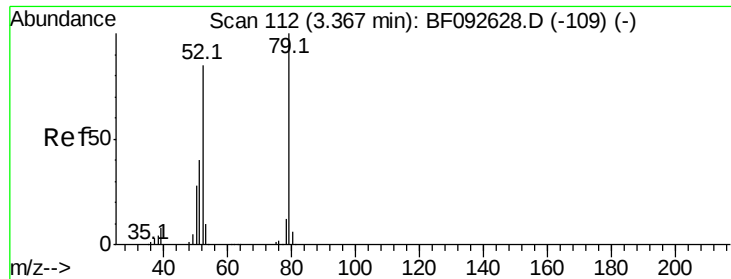


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.07 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

ClientSampleId :

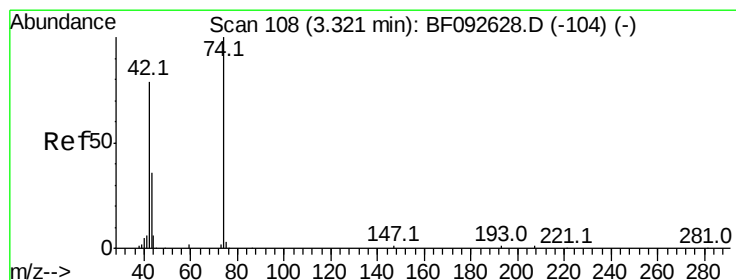
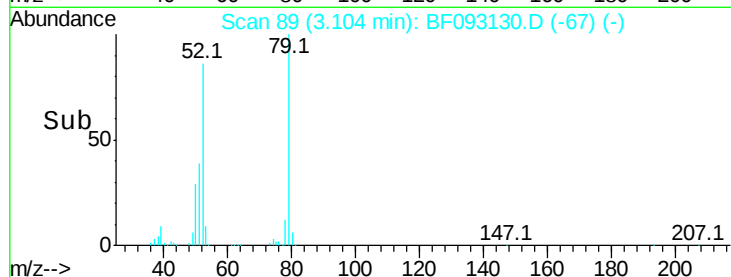
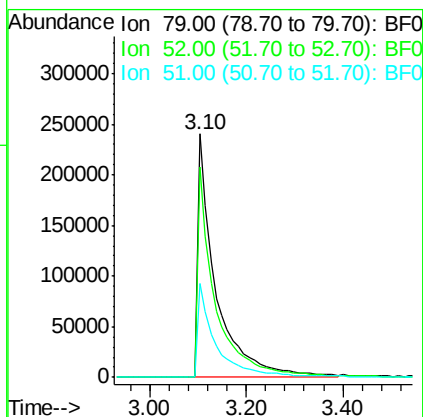
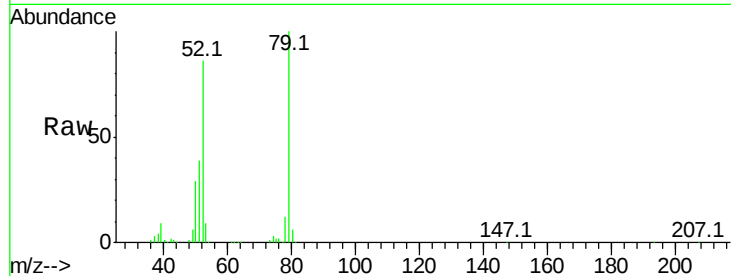
SSTDCCC040

Tot Ion: 79 Resp: 632784

Ion	Ratio	Lower	Upper
79	100		
52	86.3	57.1	85.7#
51	38.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 42.69 ng

RT: 3.07 min Scan# 86

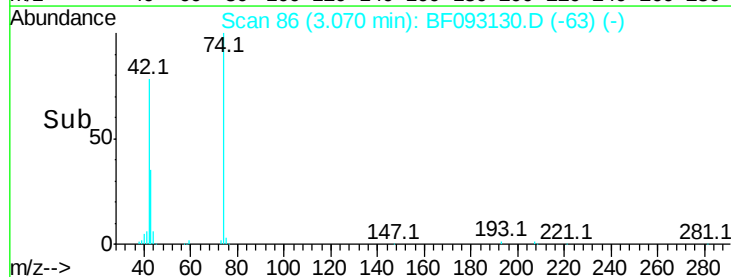
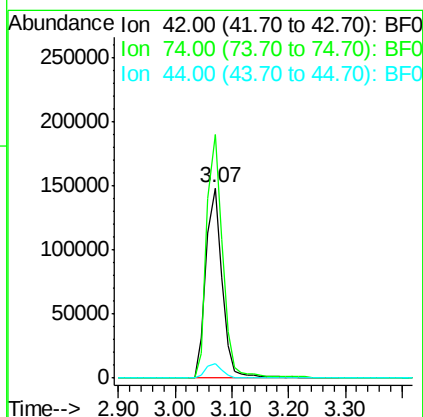
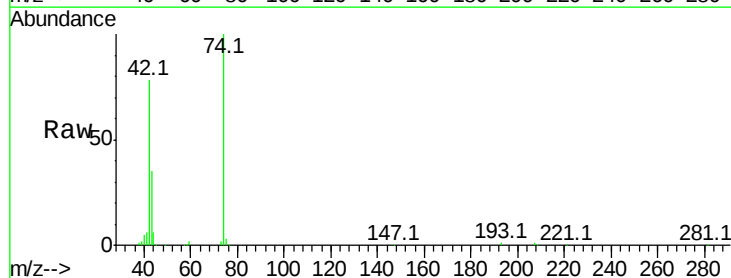
Delta R.T. -0.03 min

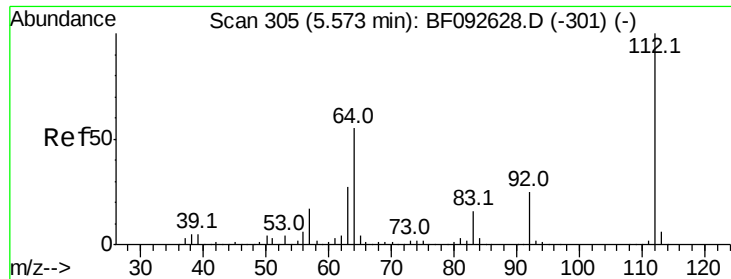
Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion: 42 Resp: 287852

Ion	Ratio	Lower	Upper
42	100		
74	128.2	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 84.17 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

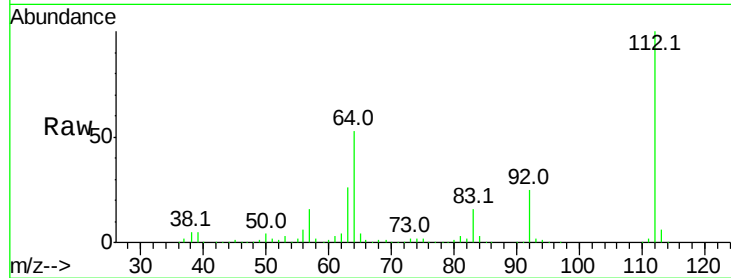
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	879624
Ion Ratio	Lower	Upper	
112	100		
64	53.4	46.1	69.1
63	26.2	23.8	35.6

Manual Integrations
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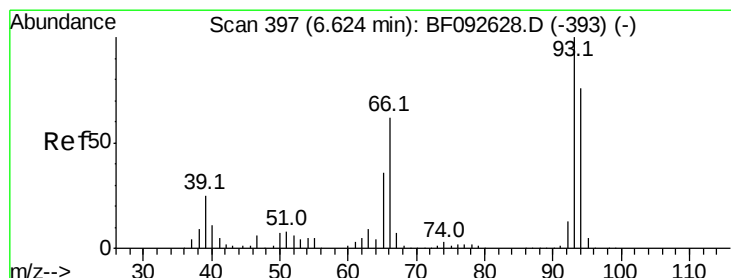
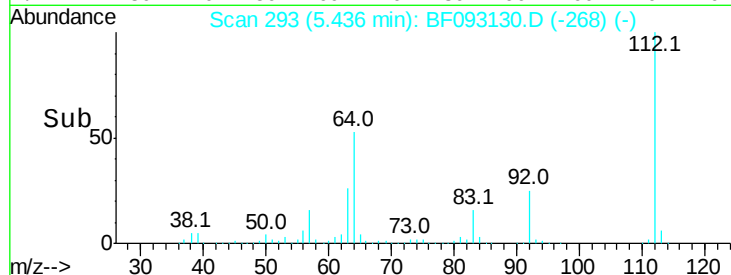
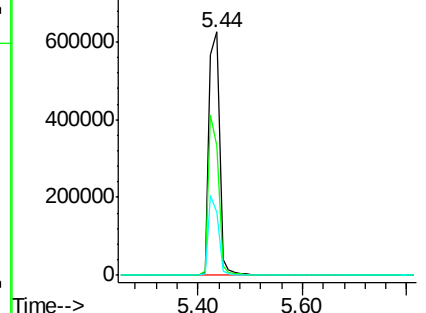
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.59 ng

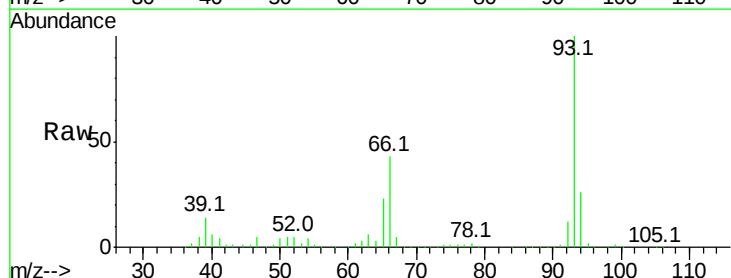
RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

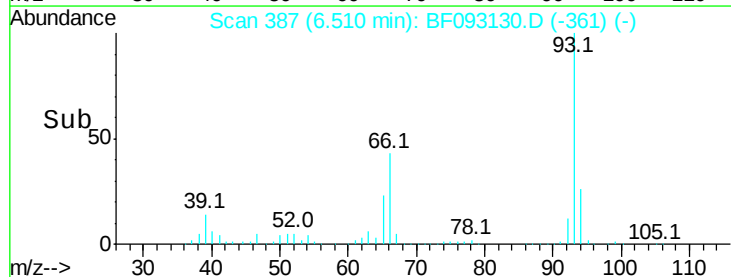
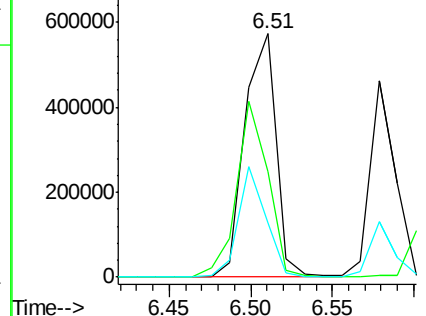
Tgt Ion:	93	Resp:	762917
Ion Ratio	Lower	Upper	
93	100		
66	43.0	76.2	114.2#
65	22.5	49.3	73.9#

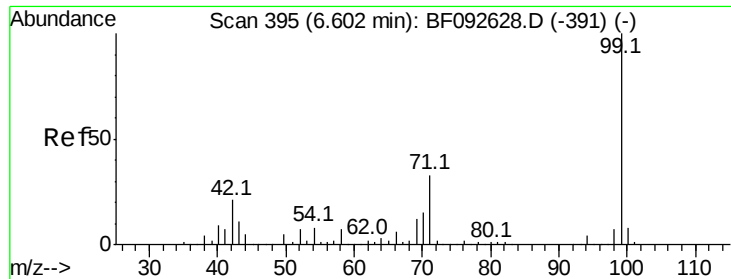


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.96 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093130.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1048288

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

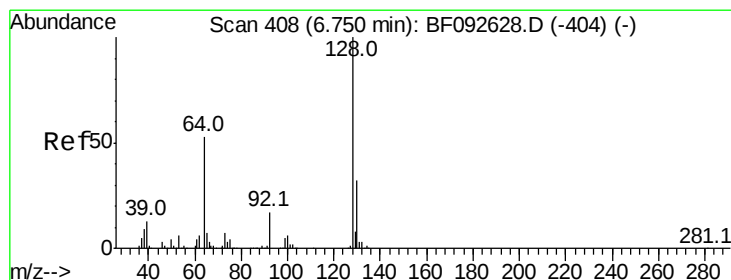
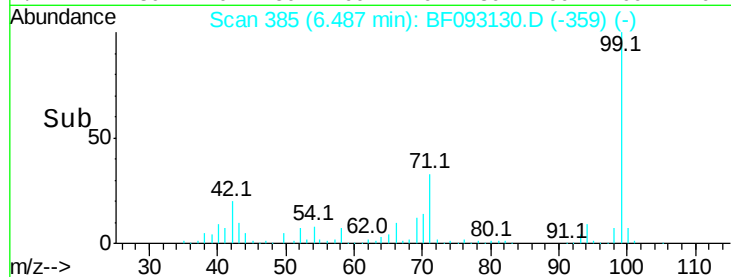
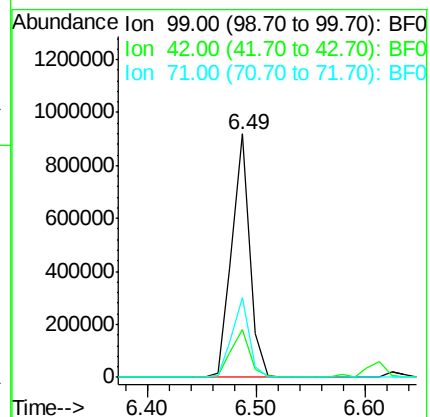
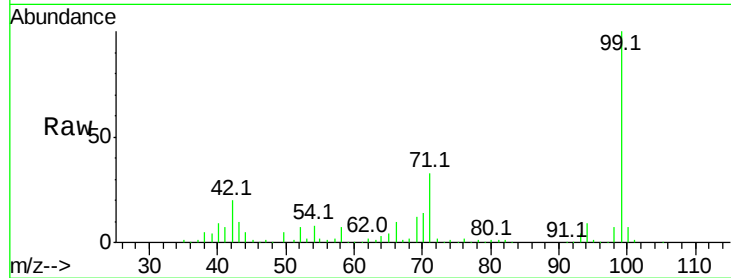
71 32.6 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

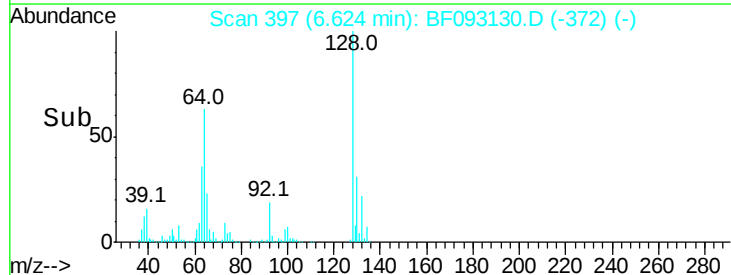
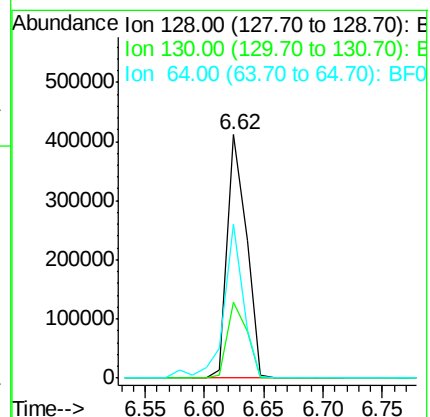
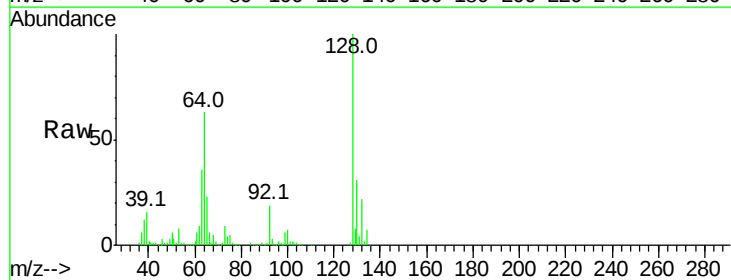
Tgt Ion: 128 Resp: 454699

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

64 63.0 32.2 72.2





#9

Benzaldehyde

Concen: 34.29 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

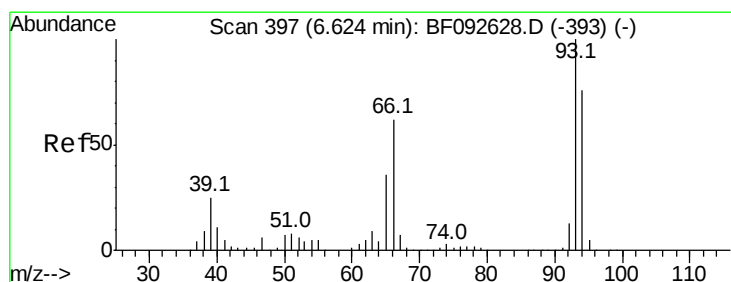
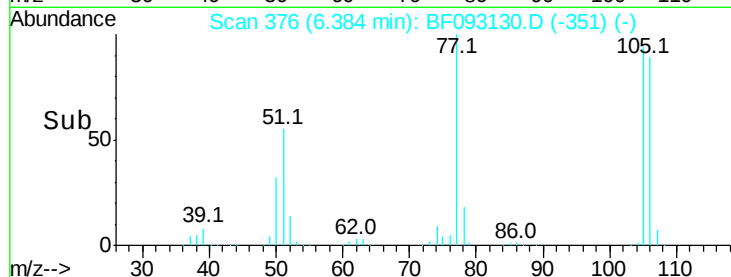
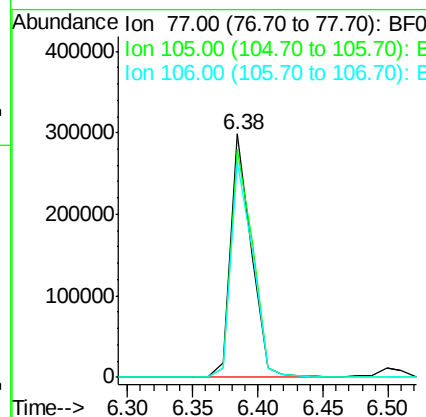
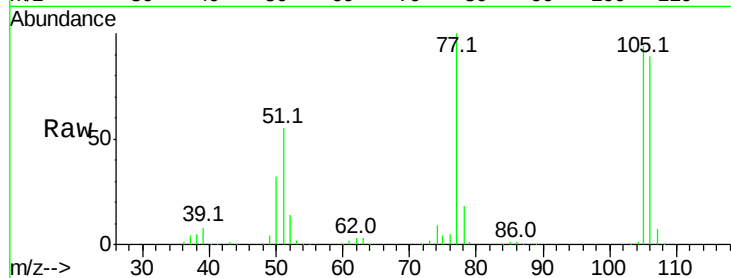
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	330374
Ion Ratio	Lower	Upper	
77	100		
105	93.7	83.9	123.9
106	88.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 36.23 ng

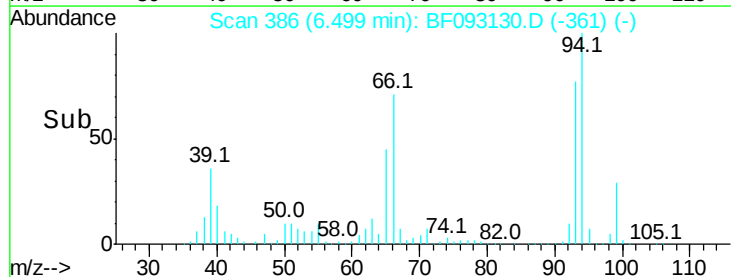
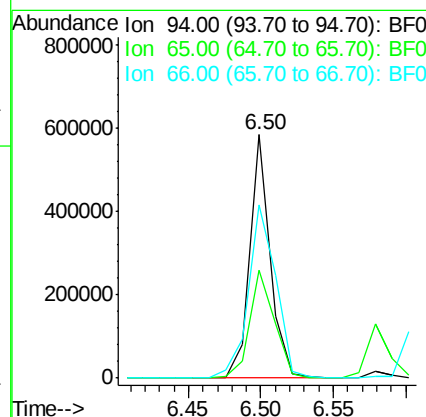
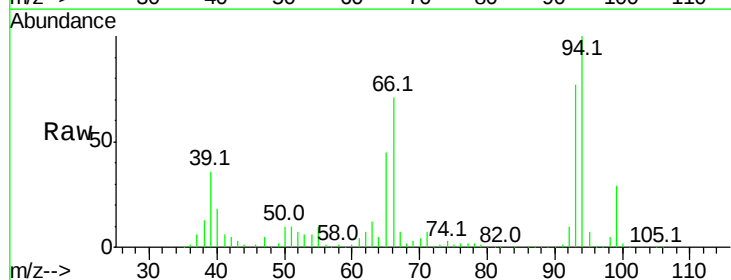
RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	94	Resp:	569992
Ion Ratio	Lower	Upper	
94	100		
65	44.5	21.4	61.4
66	71.2	44.0	84.0





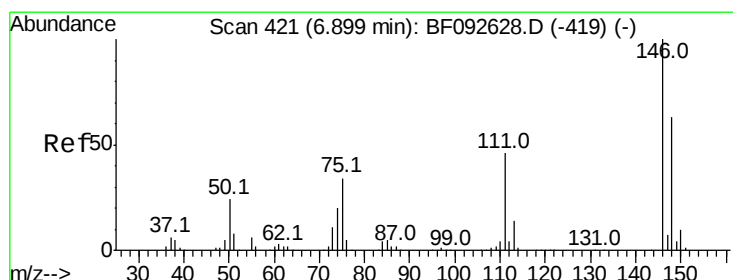
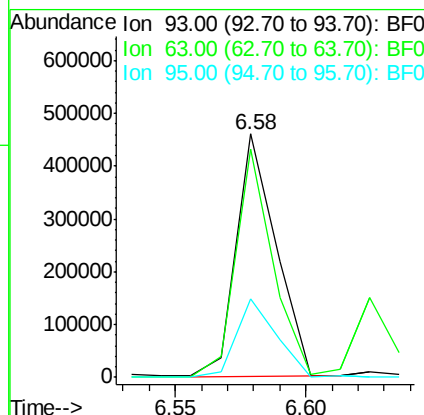
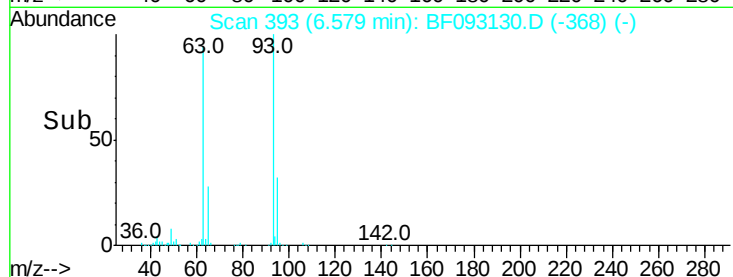
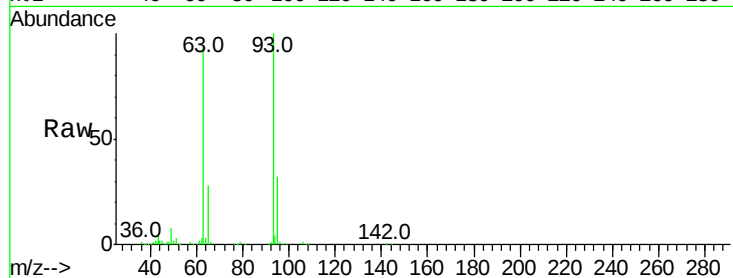
#11
bis(2-Chloroethyl)ether
Concen: 38.93 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.8	60.4	100.4
95	32.3	12.8	52.8

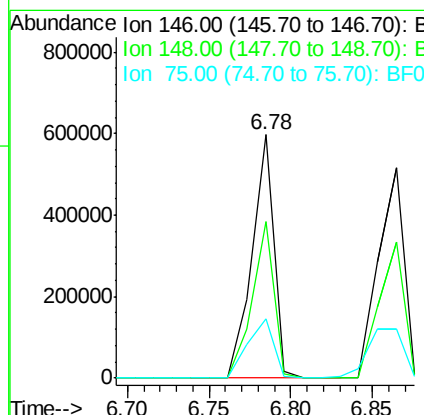
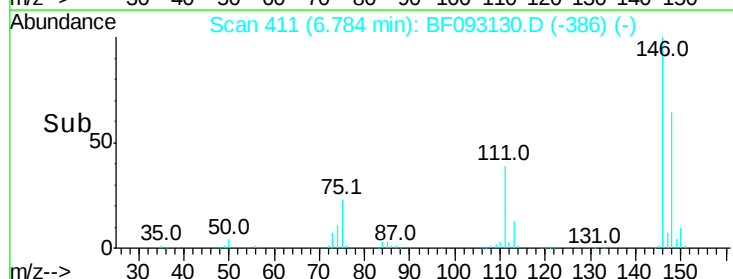
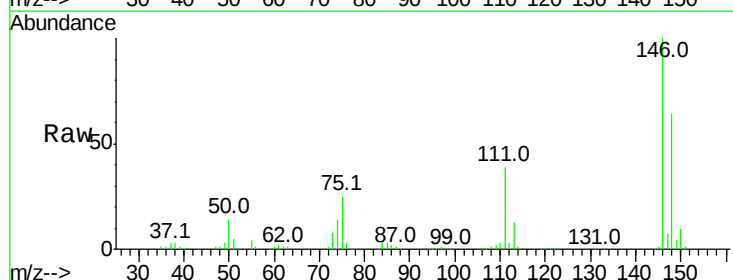
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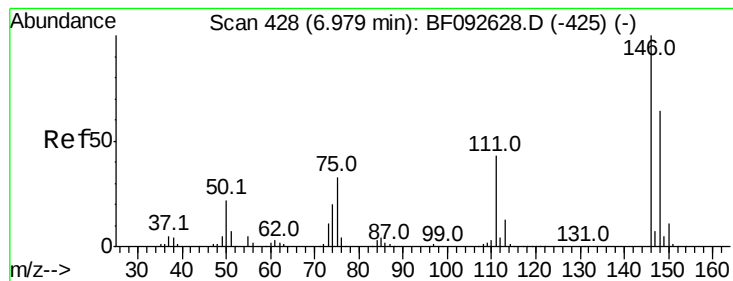
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#12
1,3-Dichlorobenzene
Concen: 41.16 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.0
75	24.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.05 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

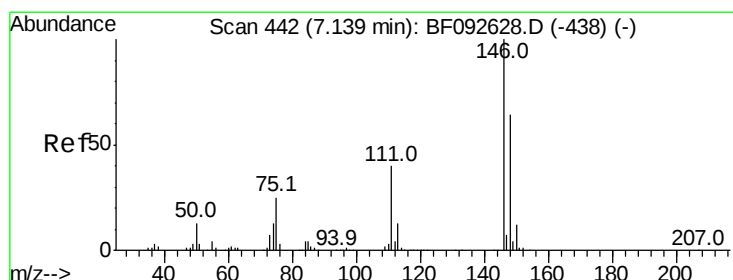
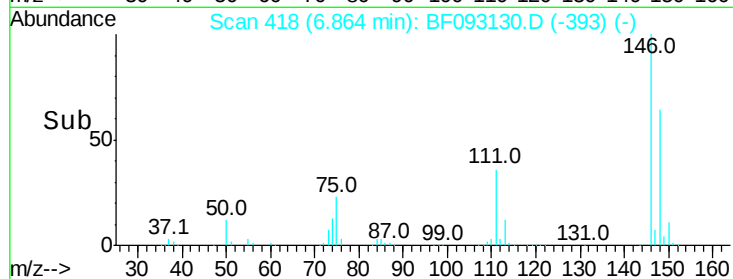
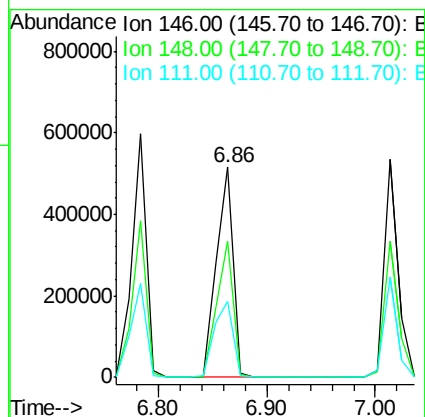
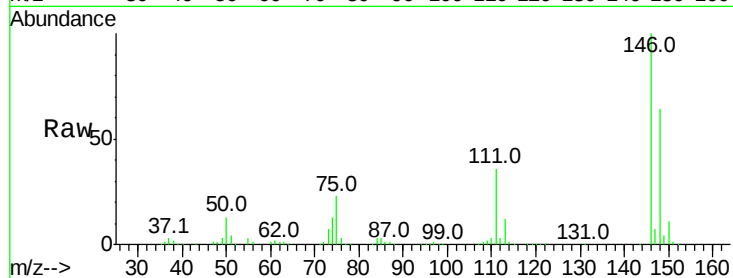
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	561088
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	76.0
111	36.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 36.79 ng

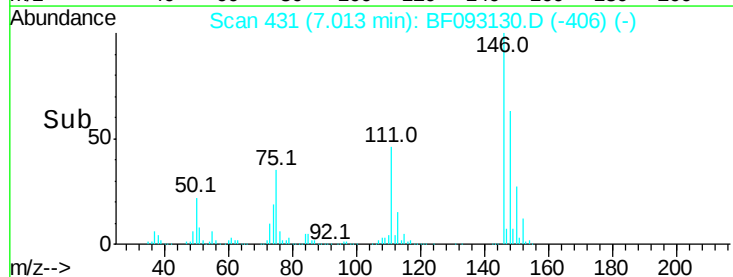
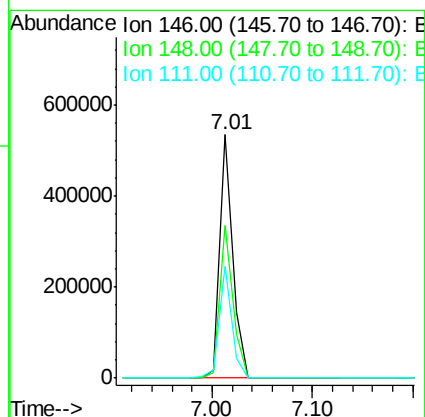
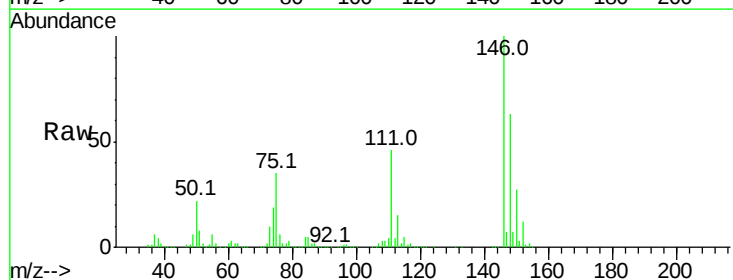
RT: 7.01 min Scan# 431

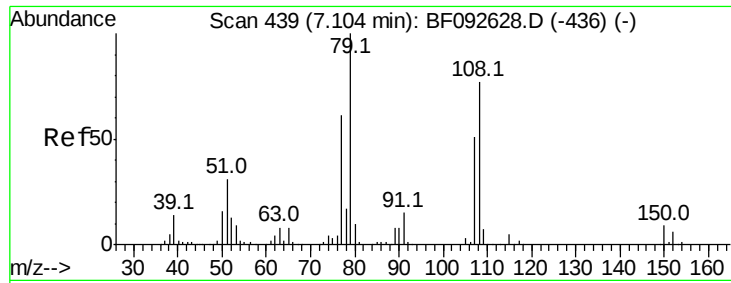
Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	146	Resp:	480853
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.2
111	46.1	36.2	54.2





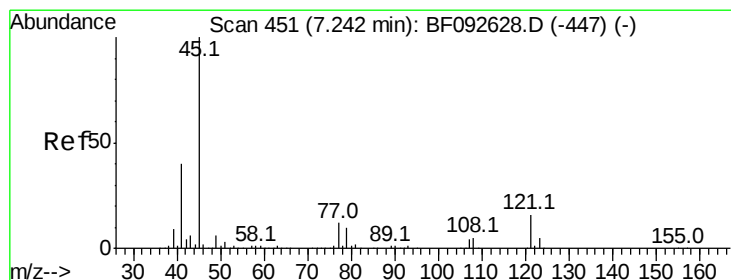
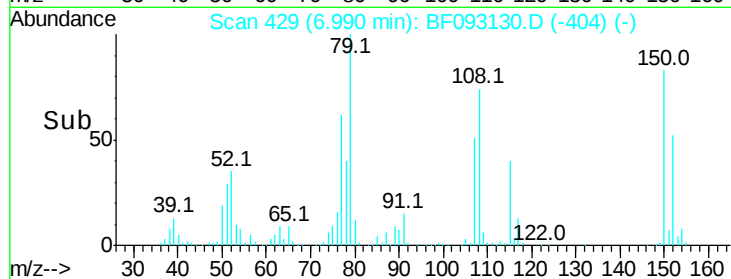
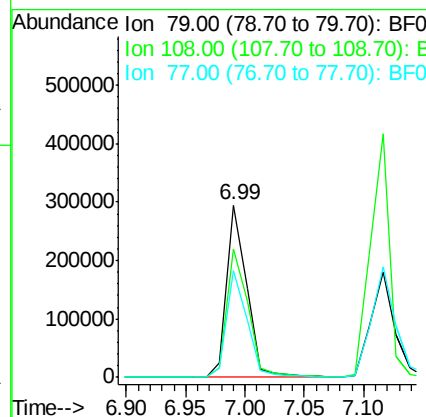
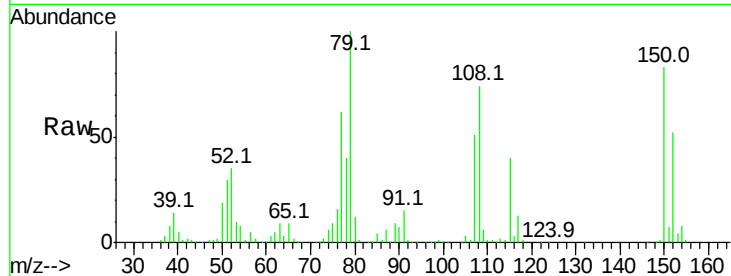
#15
Benzyl Alcohol
Concen: 34.83 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	61.4	92.0
77	61.7	50.9	76.3

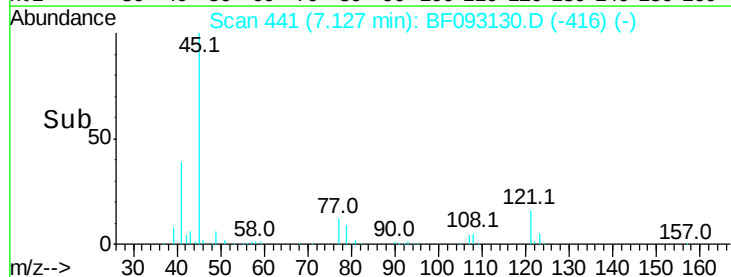
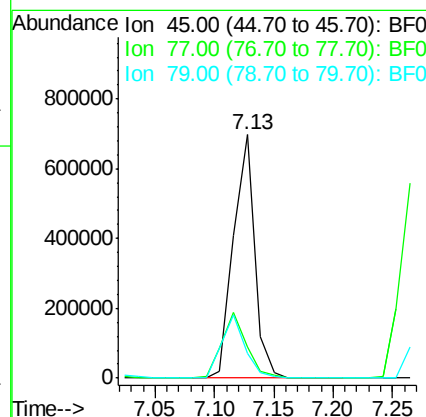
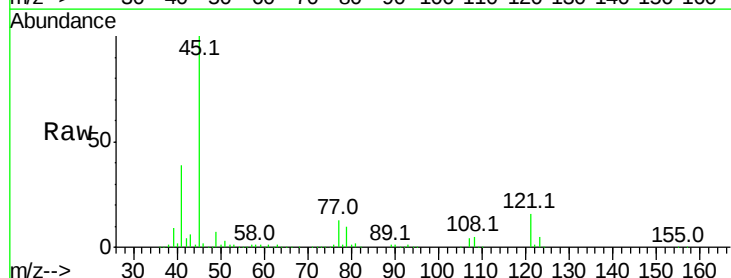
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.74 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	34.6
79	10.3	0.0	31.2





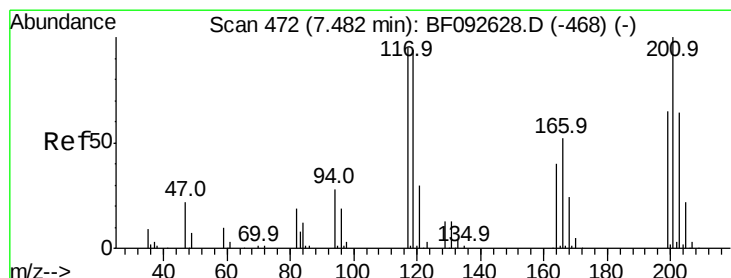
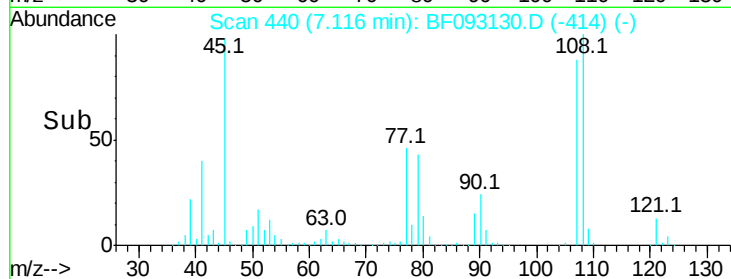
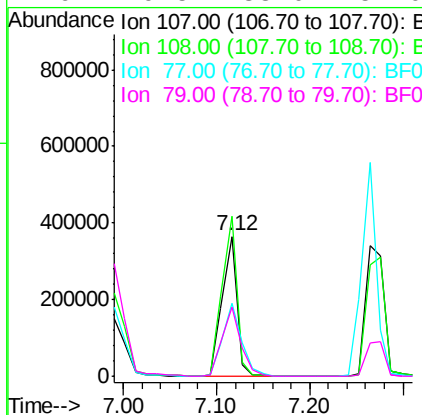
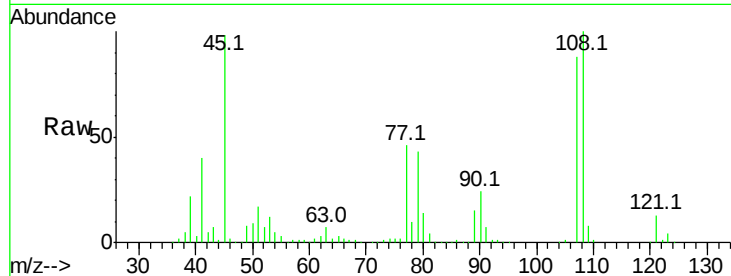
#17
2-Methylphenol
Concen: 40.70 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.6
77	51.9	39.8	59.8
79	49.5	38.0	57.0

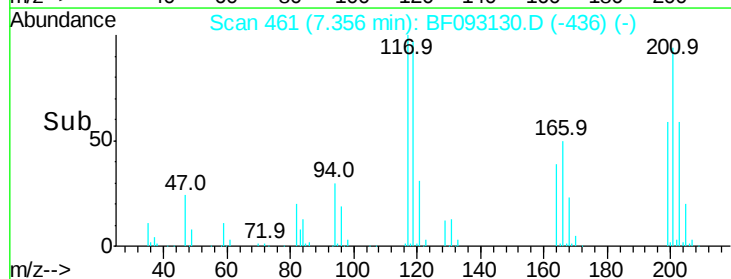
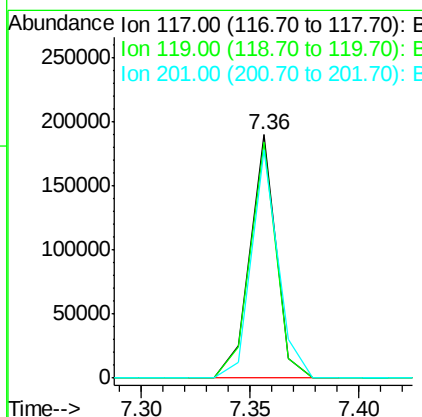
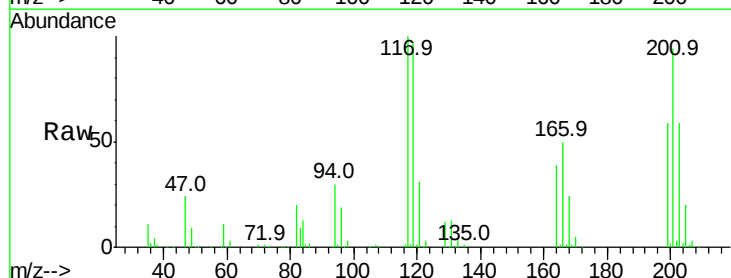
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#18
Hexachloroethane
Concen: 33.86 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
201	93.6	78.6	117.8





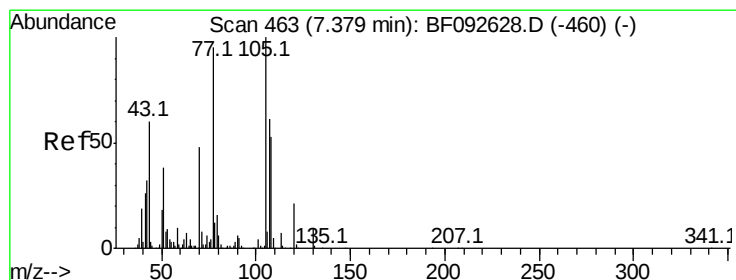
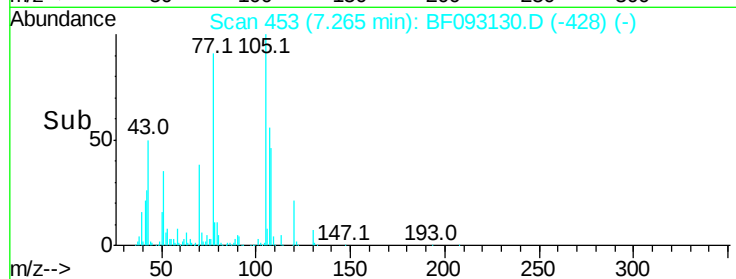
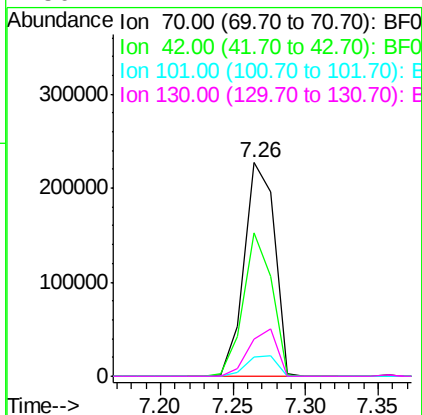
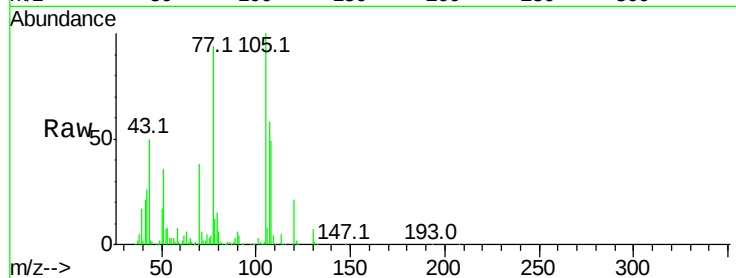
#19
n-Nitroso-di-n-propylamine
Concen: 38.62 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	49.4	74.0
101	8.8	7.4	11.2
130	17.4	14.2	21.4

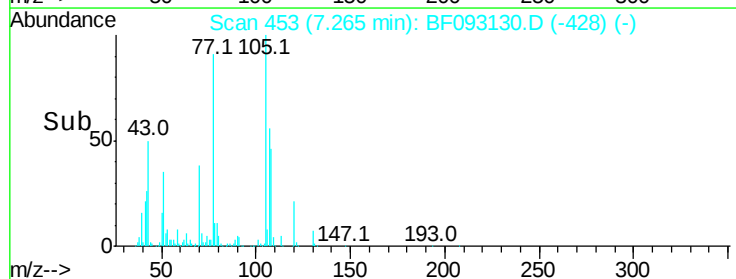
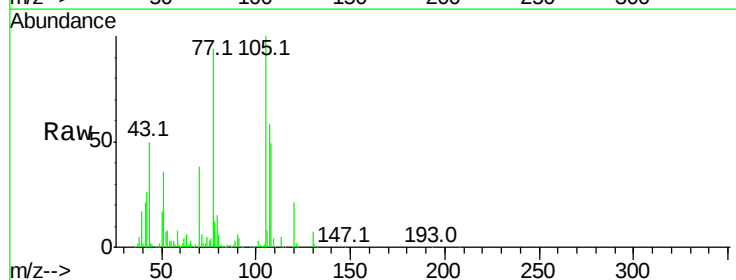
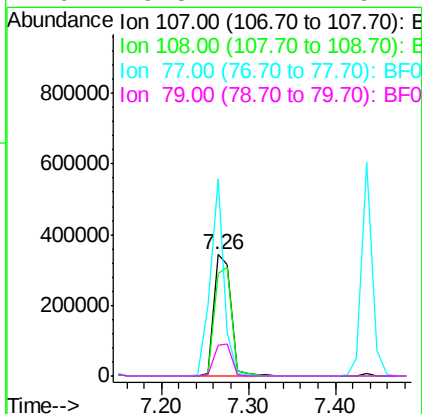
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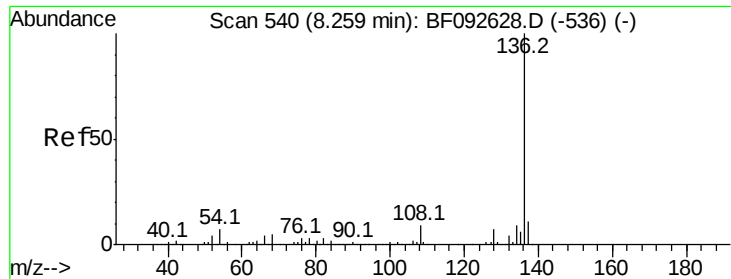
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#20
3+4-Methylphenols
Concen: 40.03 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.0	113.0
77	162.8	71.3	111.3#
79	25.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

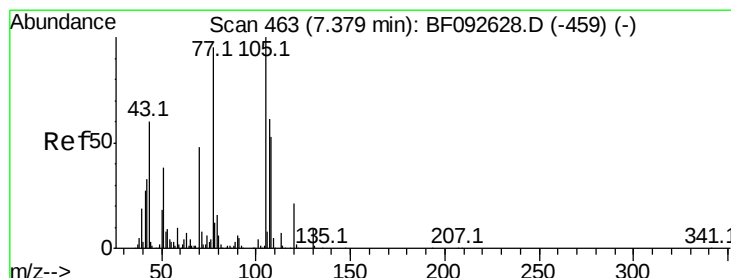
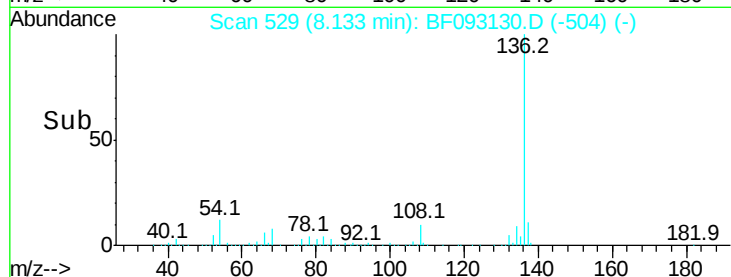
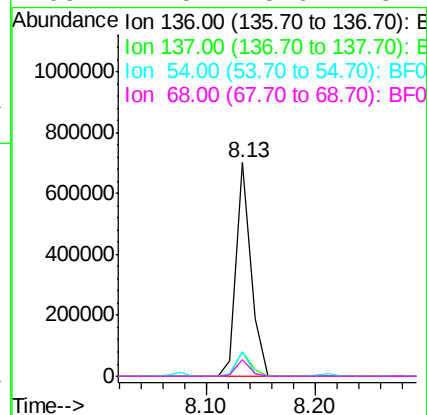
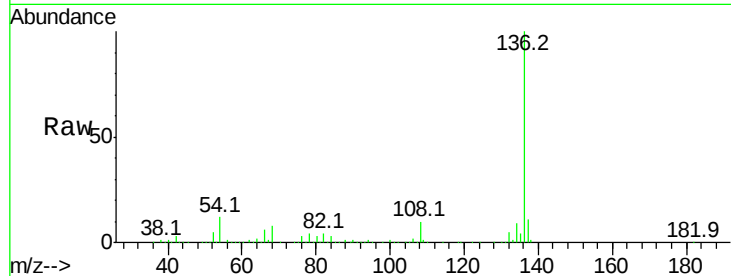
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.6	4.5	6.7#
68	7.8	3.6	5.4#

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#22

Acetophenone

Concen: 41.76 ng

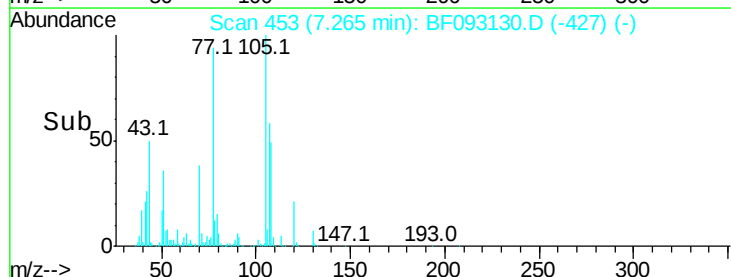
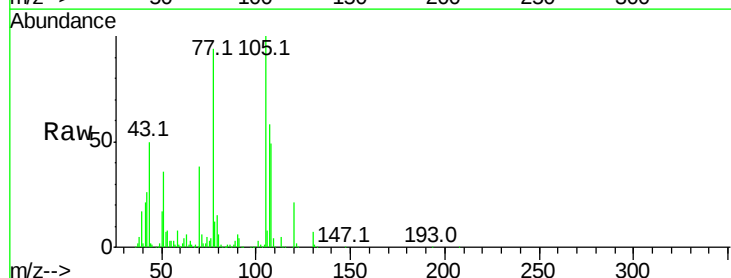
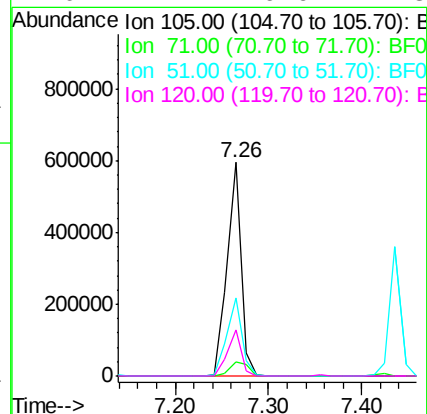
RT: 7.26 min Scan# 453

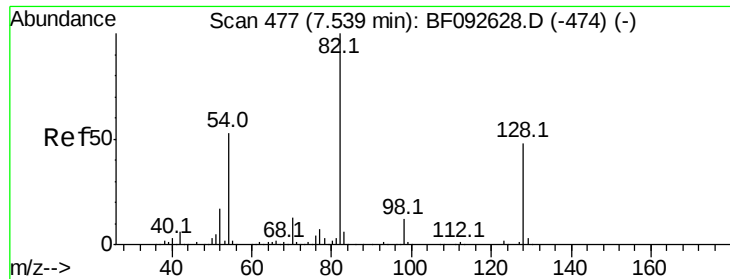
Delta R.T. -0.00 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.4	3.2	4.8#
51	36.3	26.2	39.4
120	21.4	16.6	24.8





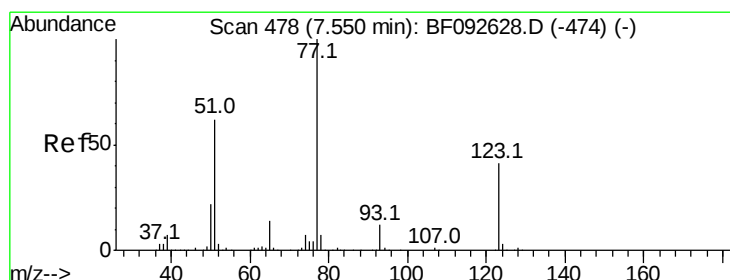
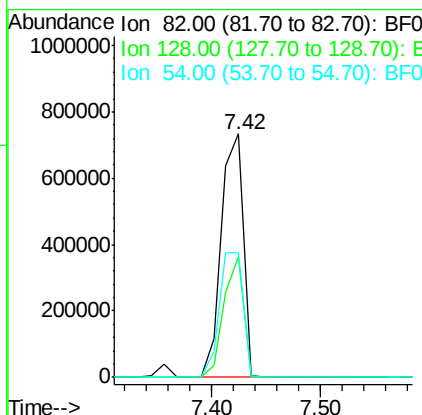
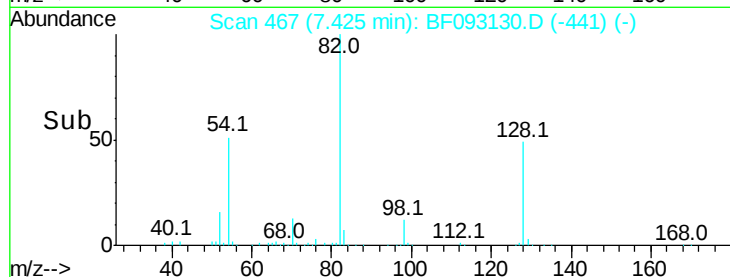
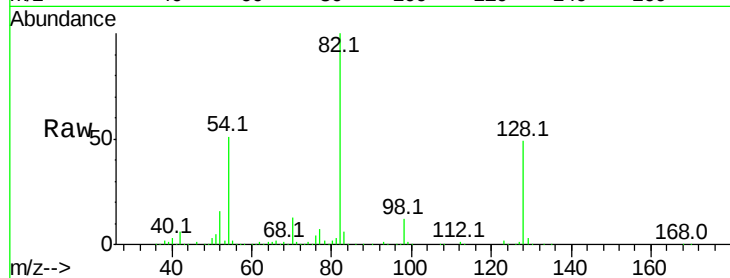
#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.6	52.0
54	51.4	39.5	59.3

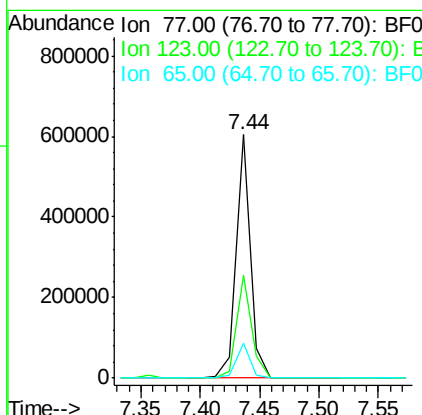
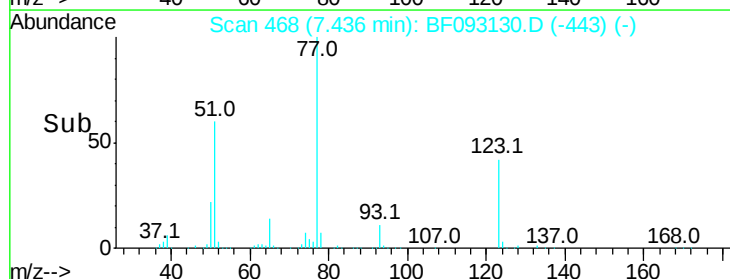
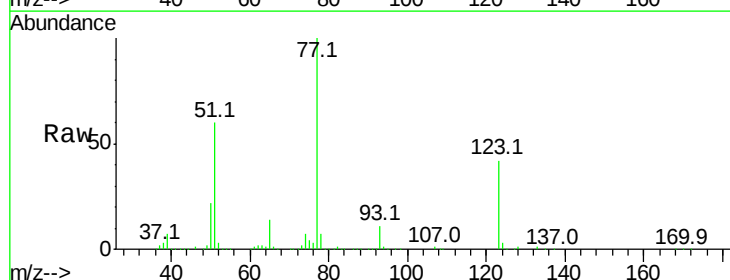
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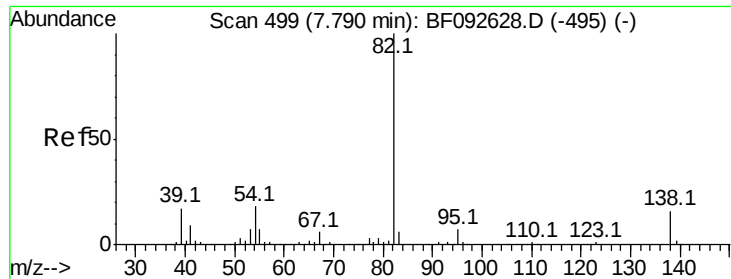
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#24
 Nitrobenzene
 Concen: 42.15 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 41.88 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

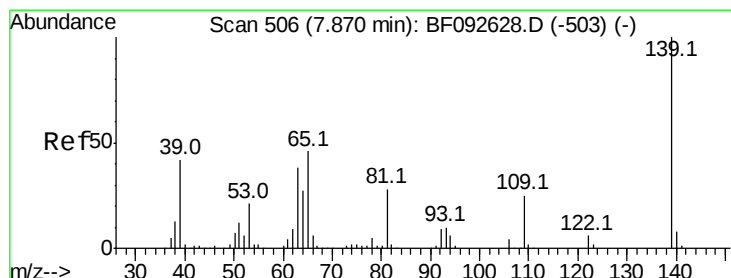
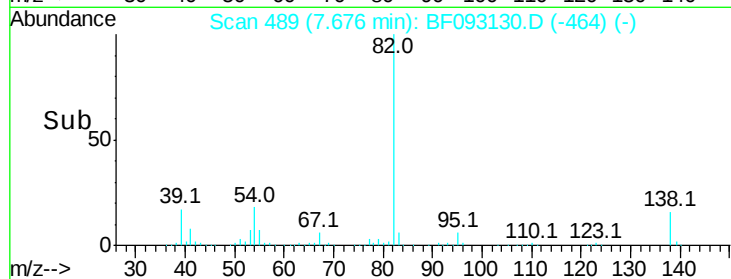
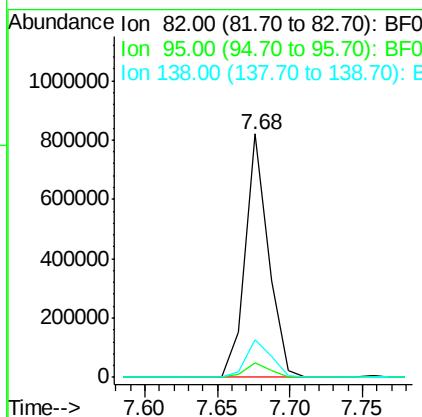
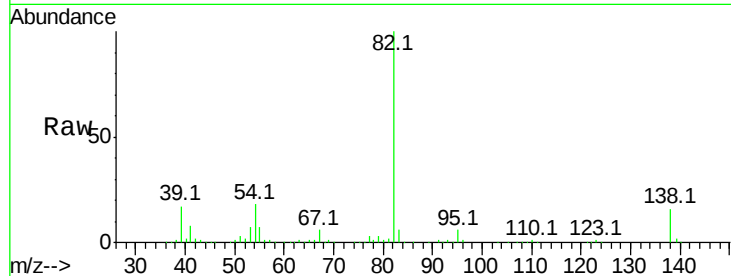
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	909230
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.6	8.4
138	15.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 43.30 ng

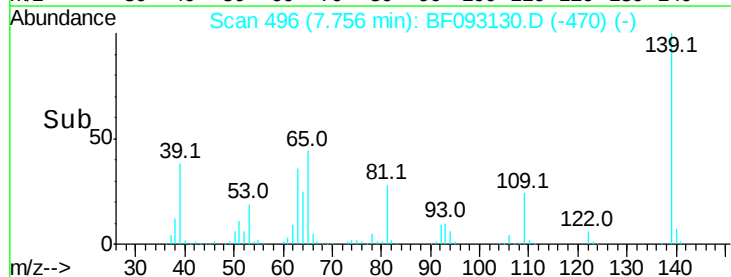
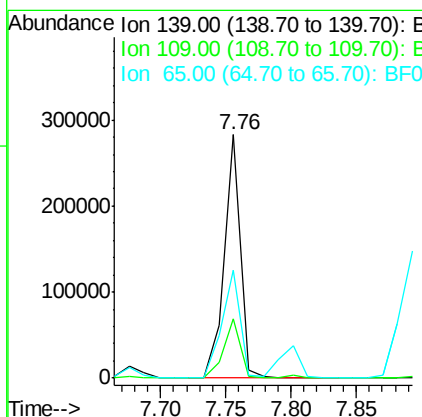
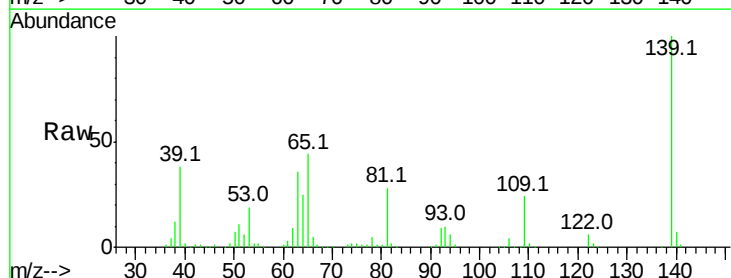
RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	139	Resp:	246276
Ion Ratio	Lower	Upper	
139	100		
109	24.4	23.3	34.9
65	44.4	42.7	64.1





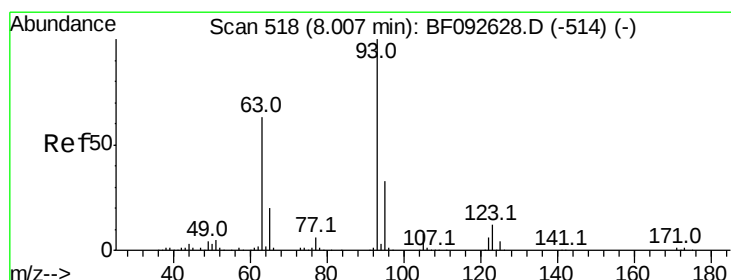
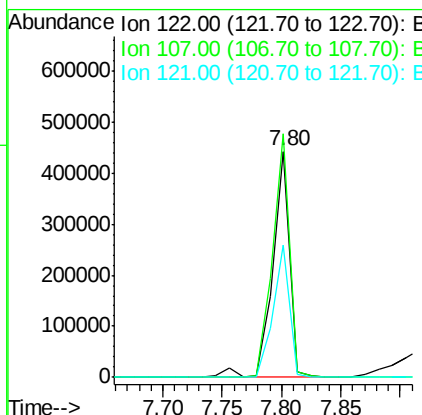
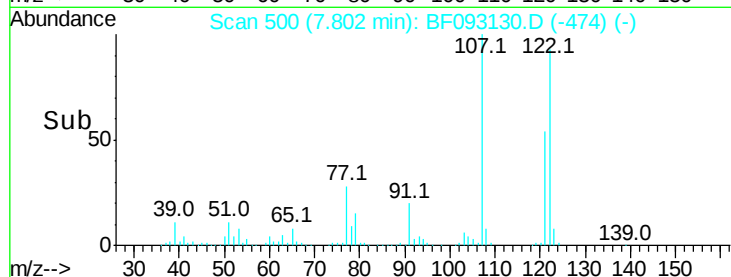
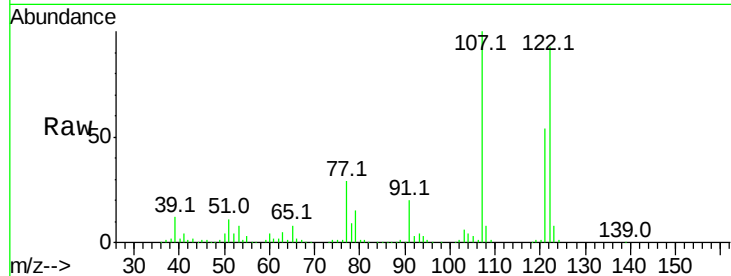
#27
2,4-Dimethylphenol
Concen: 44.13 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	94.1	141.1
121	58.6	46.0	69.0

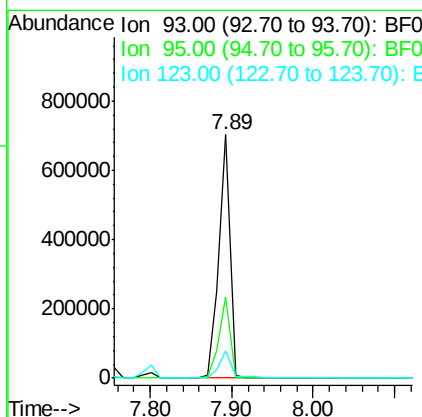
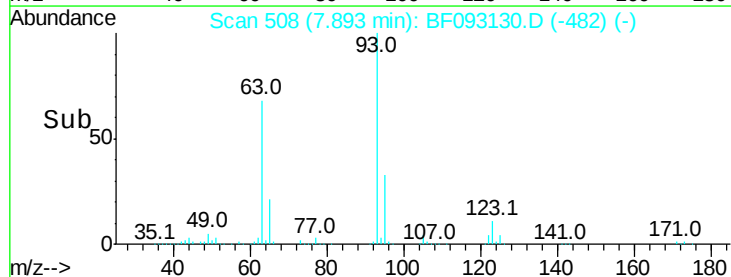
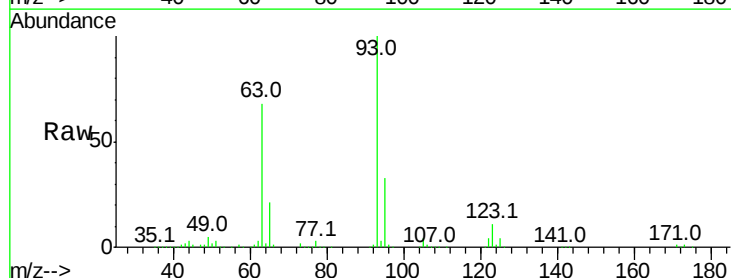
Manual Integrations
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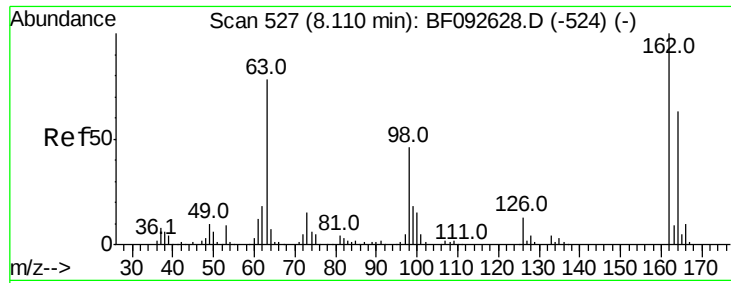
mohammad
2/24/2017 2:11:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.56 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	11.3	8.6	13.0





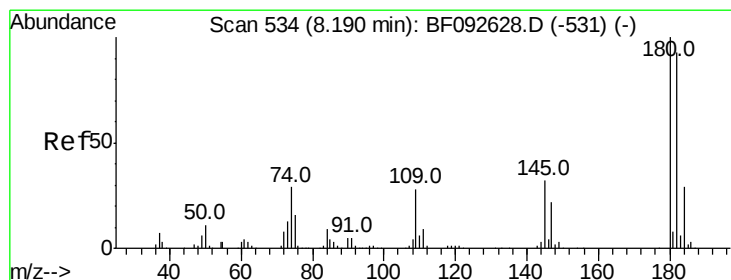
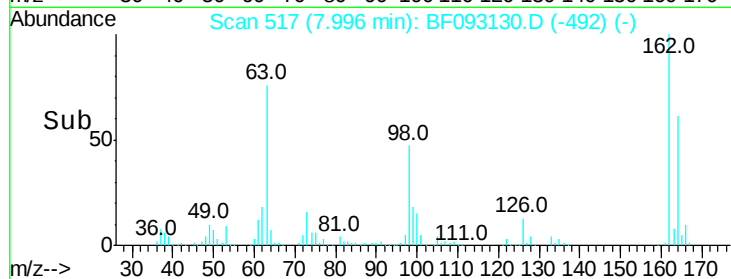
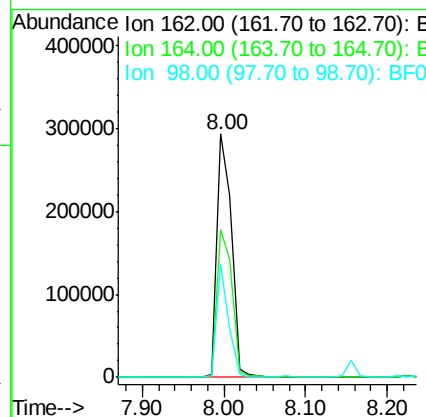
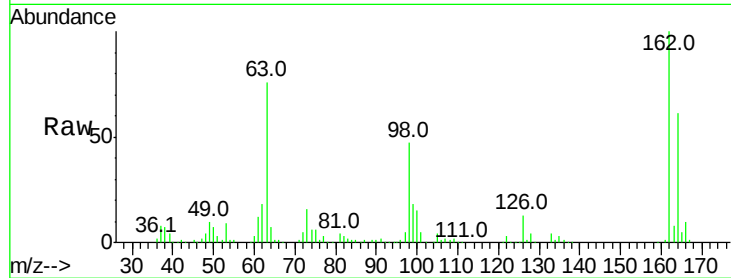
#29
 2,4-Dichlorophenol
 Concen: 39.53 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.5	46.8	86.8
98	46.6	9.1	49.1

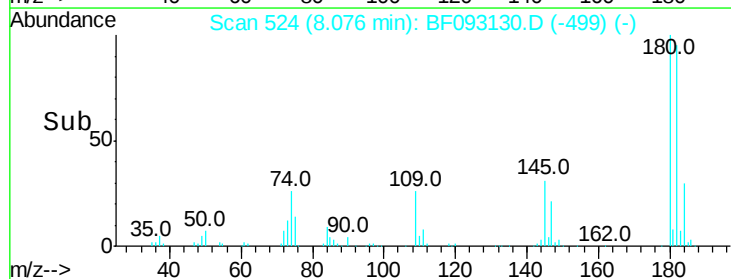
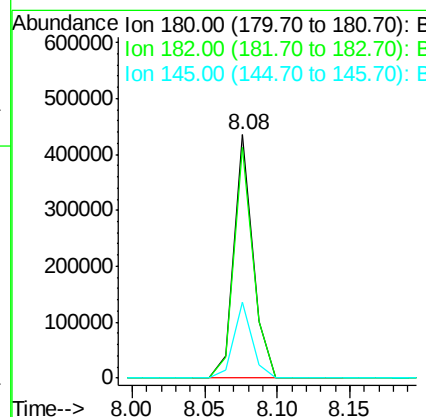
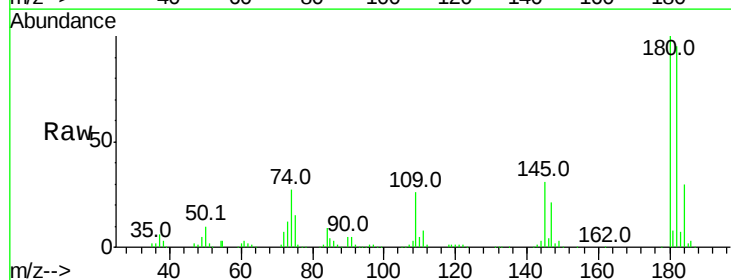
Manual Integrations
 APPROVED

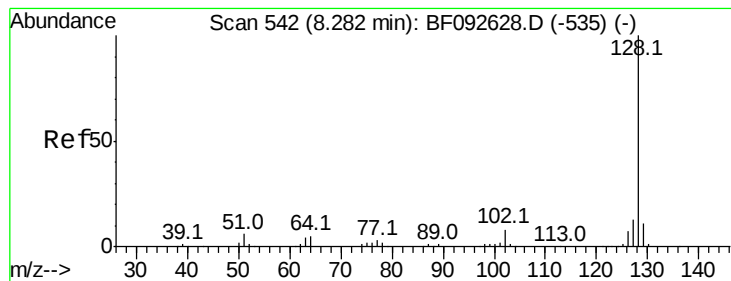
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.53 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	78.2	117.4
145	31.5	21.6	32.4





#31

Naphthalene

Concen: 38.05 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

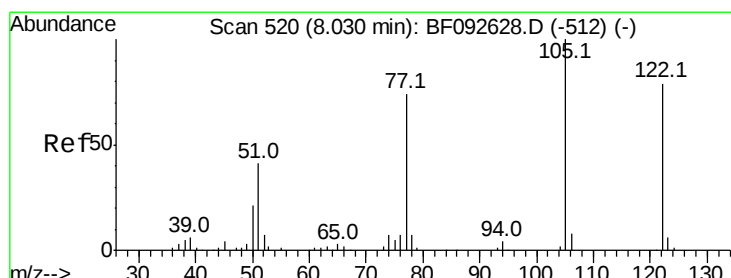
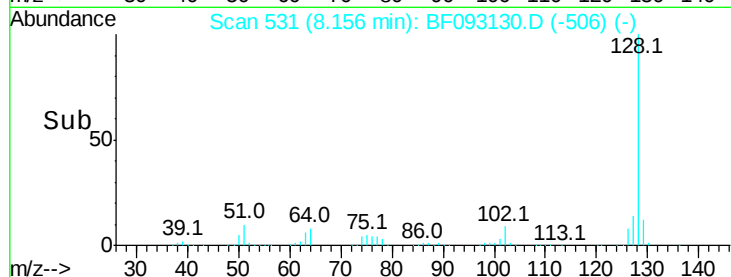
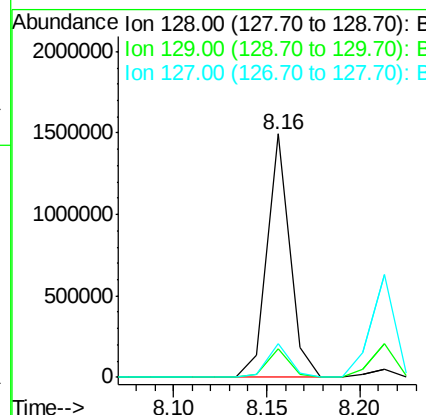
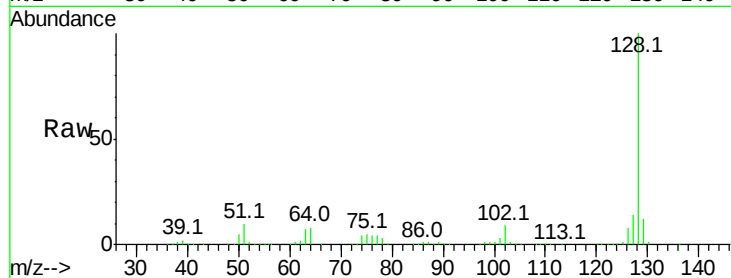
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	1251671
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.7	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 39.06 ng

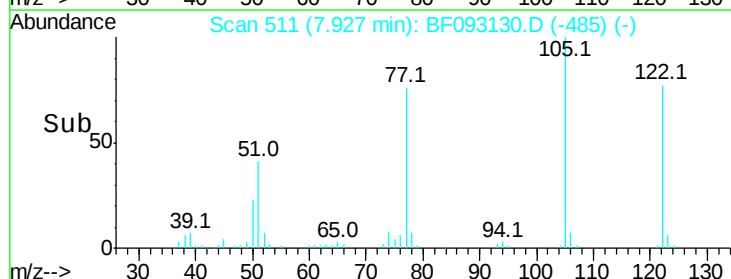
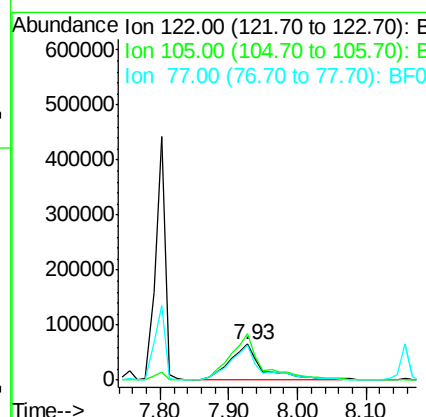
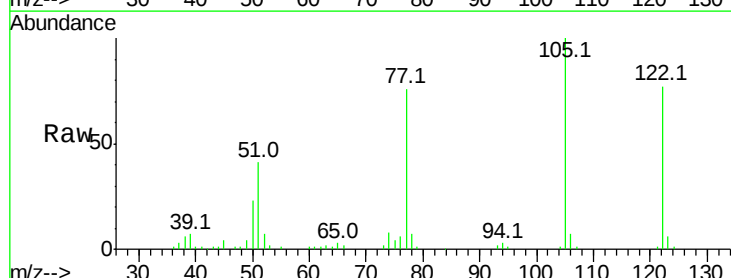
RT: 7.93 min Scan# 511

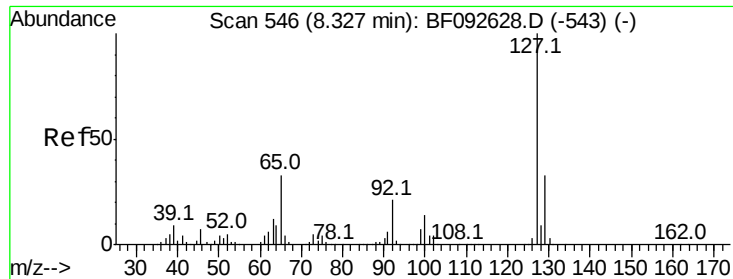
Delta R.T. -0.00 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	122	Resp:	212188
Ion	Ratio	Lower	Upper
122	100		
105	129.2	107.2	147.2
77	98.1	74.5	114.5





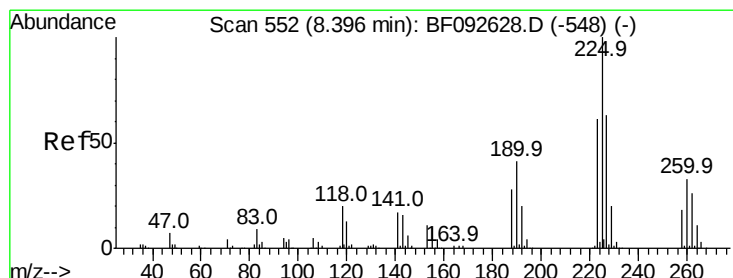
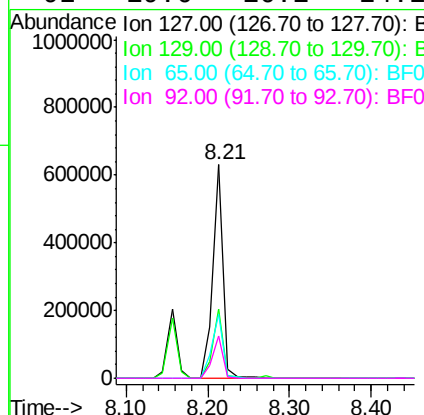
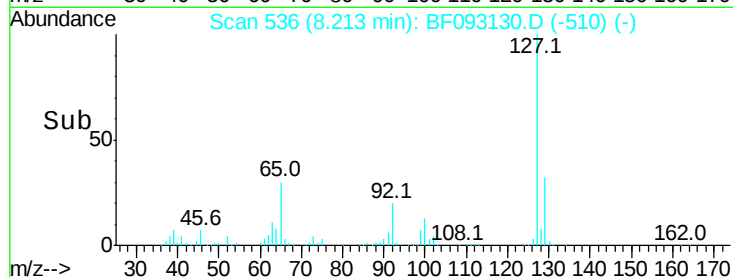
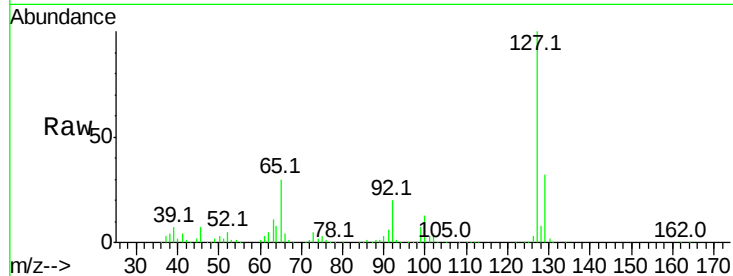
#33
4-Chloroaniline
Concen: 43.98 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.3	39.5	
65	30.1	25.8	38.8	
92	19.6	16.1	24.1	

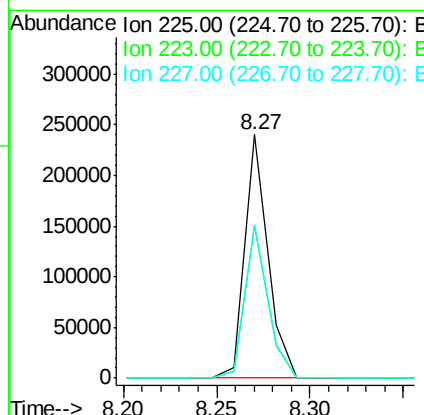
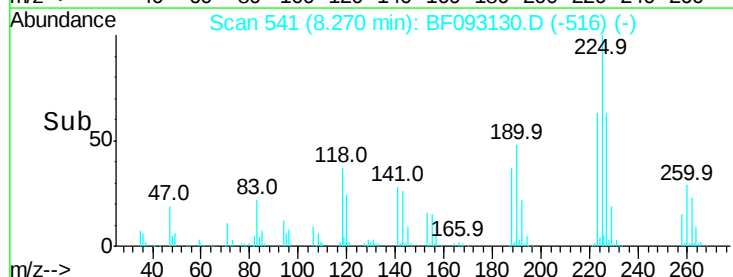
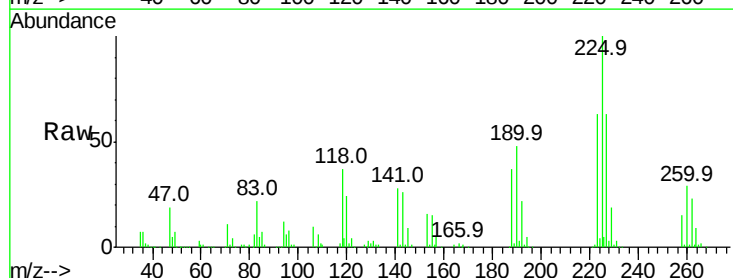
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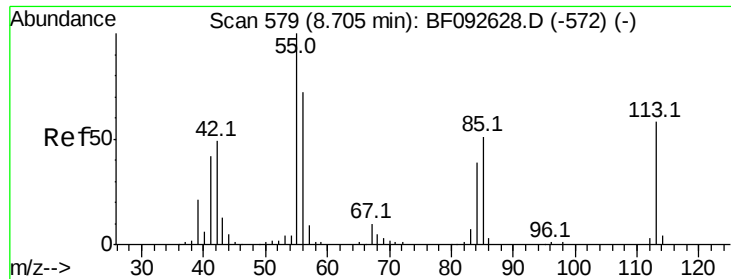
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#34
Hexachlorobutadiene
Concen: 37.74 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	62.7	50.6	76.0	





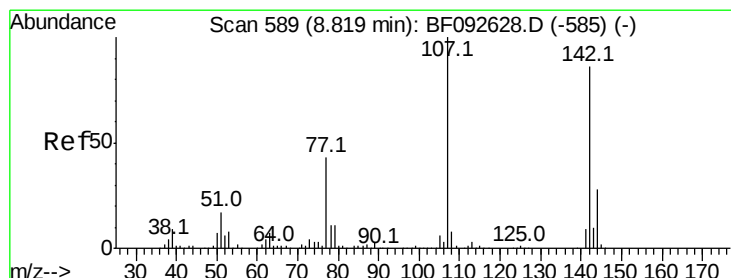
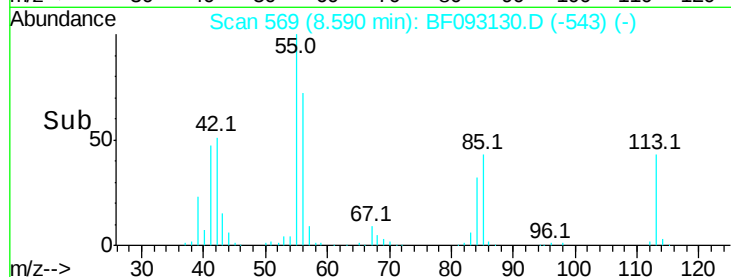
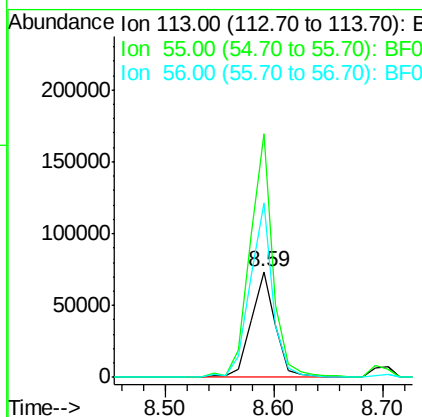
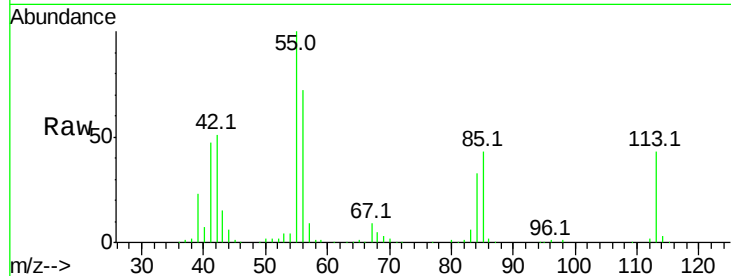
#35
Caprolactam
Concen: 38.27 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	231.0	119.2	159.2#	
56	165.6	83.8	123.8#	

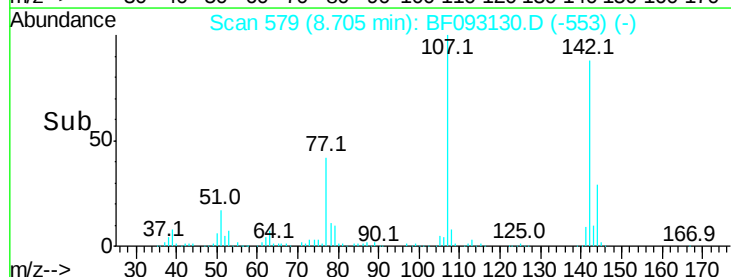
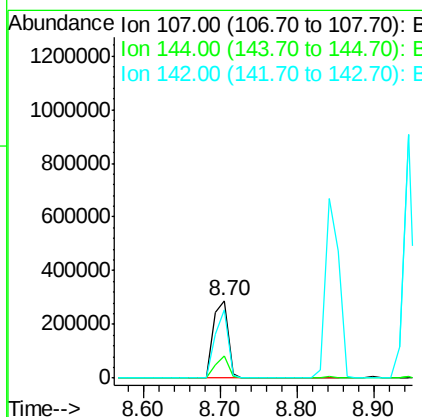
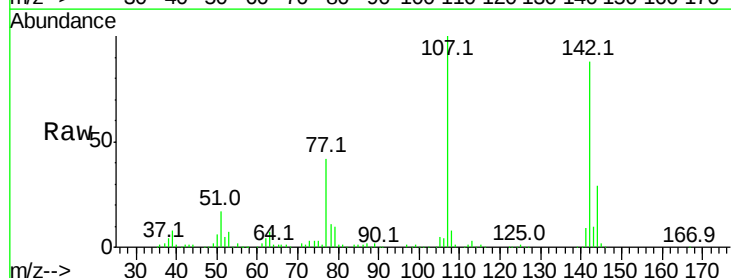
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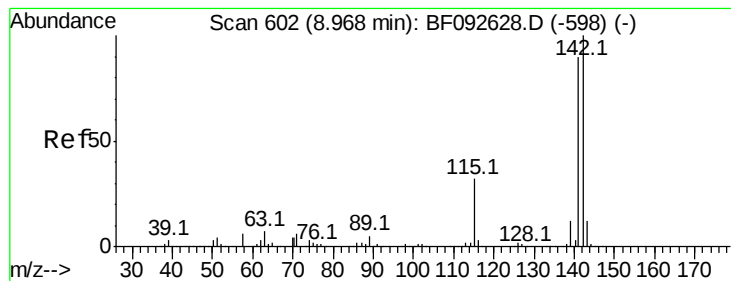
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.46 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.6	19.3	28.9	
142	88.0	59.0	88.6	





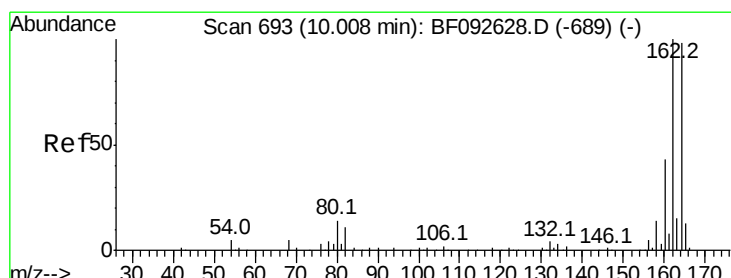
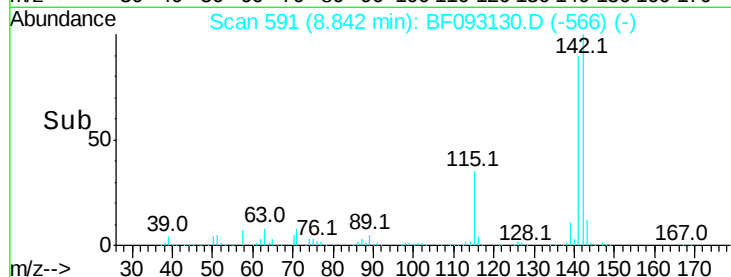
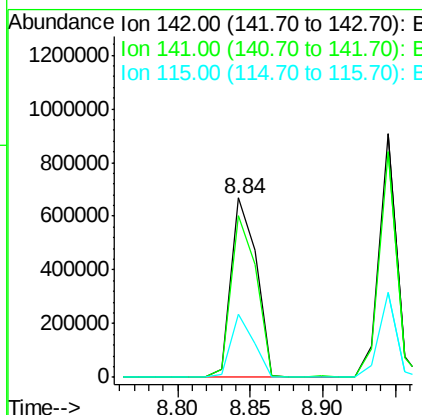
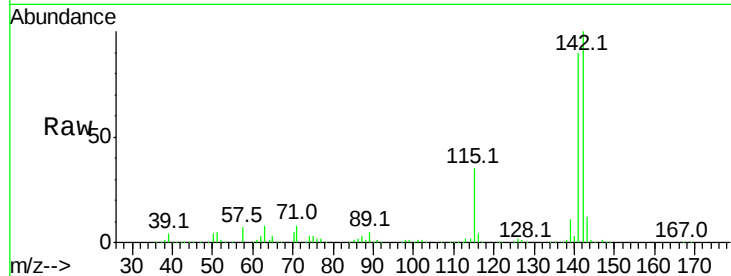
#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	34.8	28.3	42.5

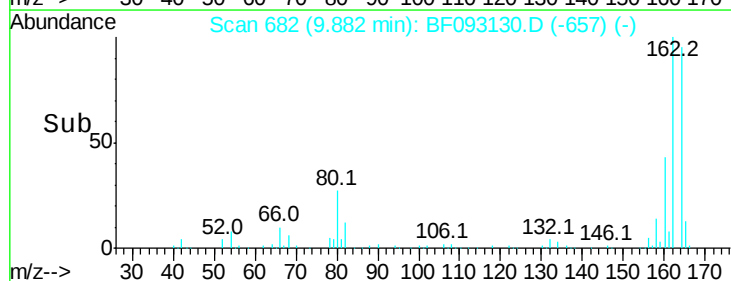
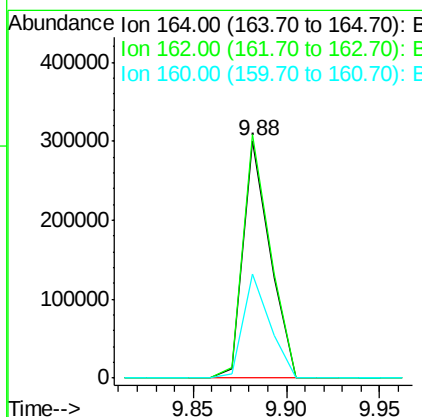
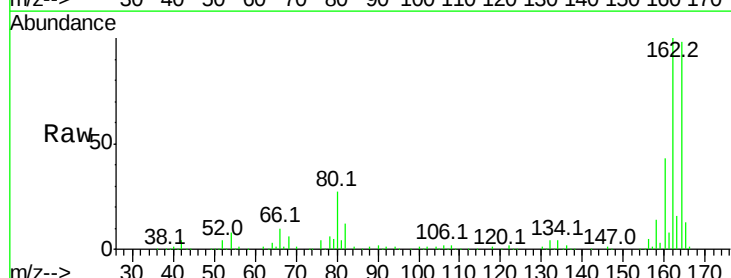
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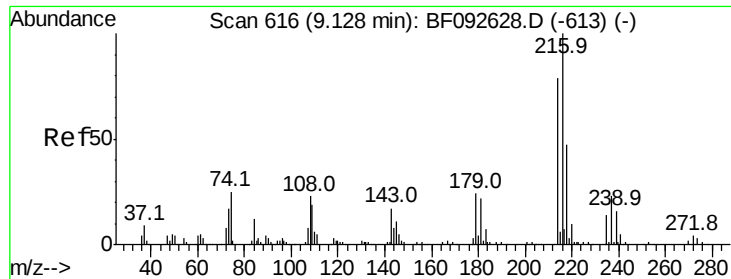
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	43.6	36.9	55.3





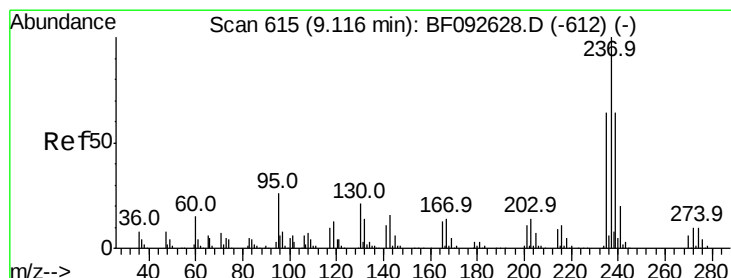
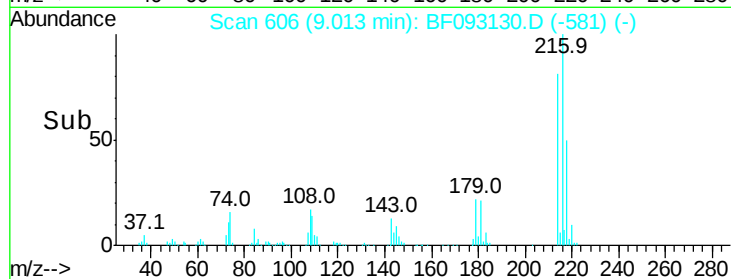
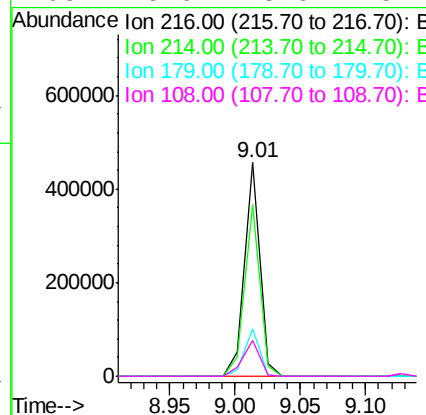
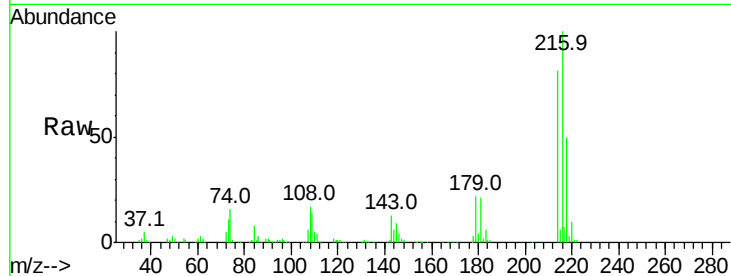
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	368371
Ion Ratio		Lower	Upper
216	100		
214	80.8	63.4	95.0
179	22.3	17.4	26.2
108	18.6	15.6	23.4

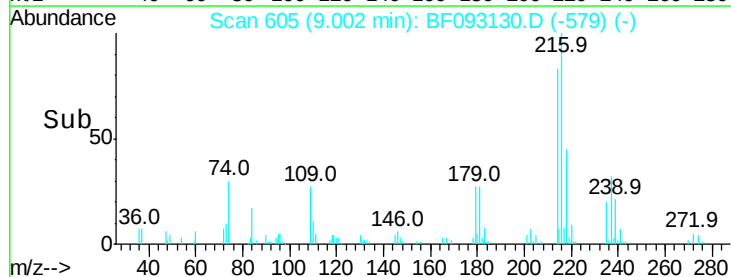
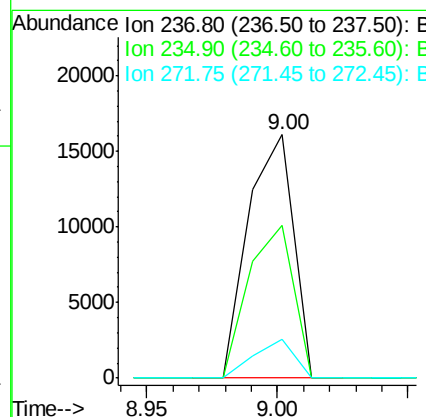
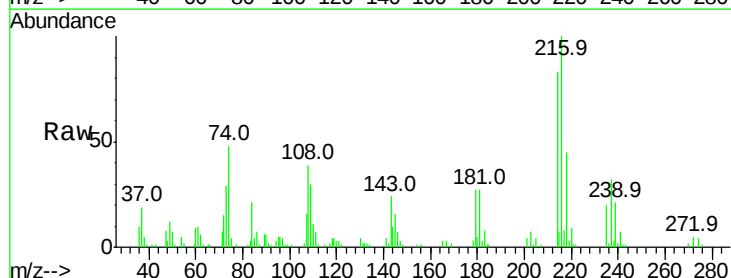
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 5.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion:	237	Resp:	19587
Ion Ratio		Lower	Upper
237	100		
235	62.8	41.2	81.2
272	16.1	0.0	35.4





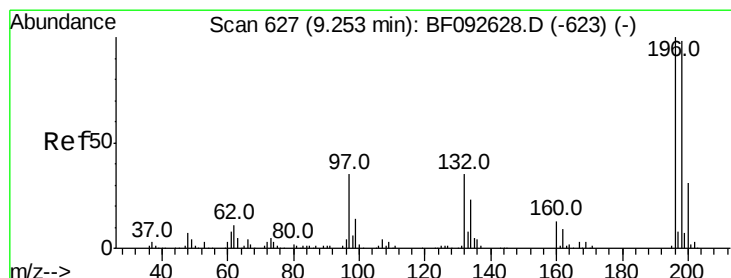
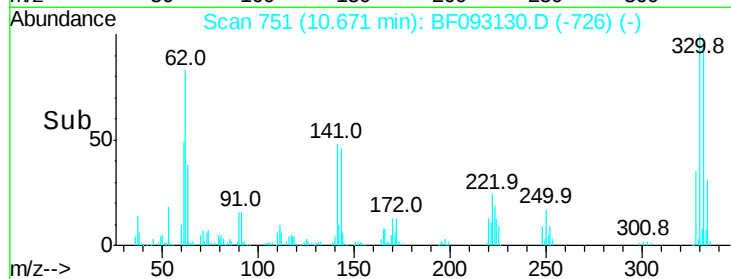
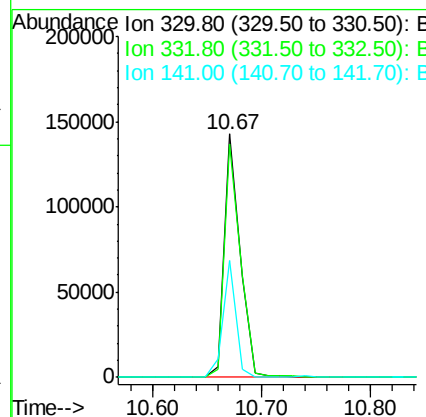
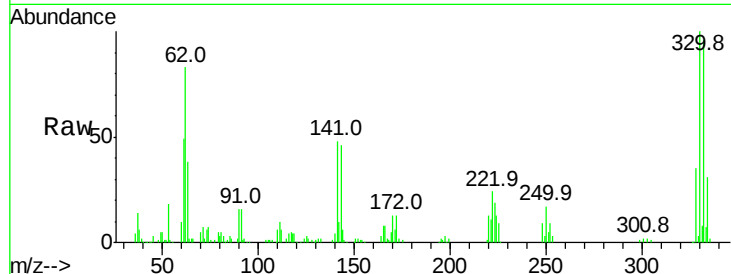
#41
 2,4,6-Tribromophenol
 Concen: 66.99 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	146663		
332	97.4	77.4	116.2	
141	40.2	34.1	51.1	

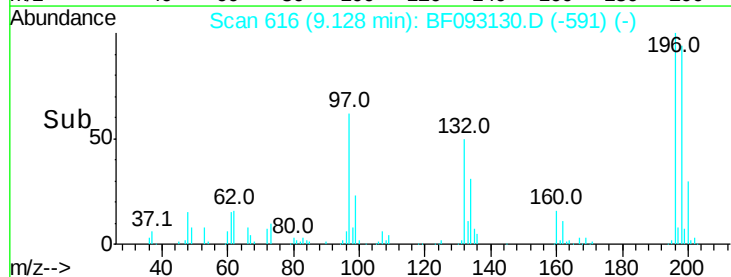
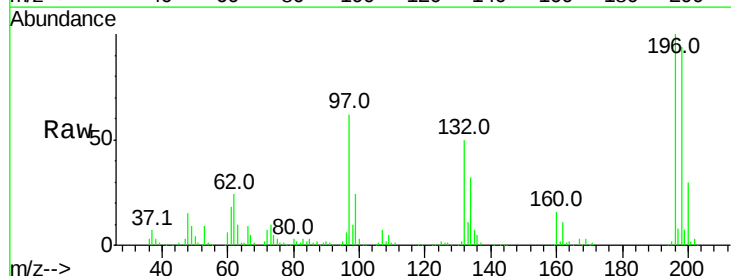
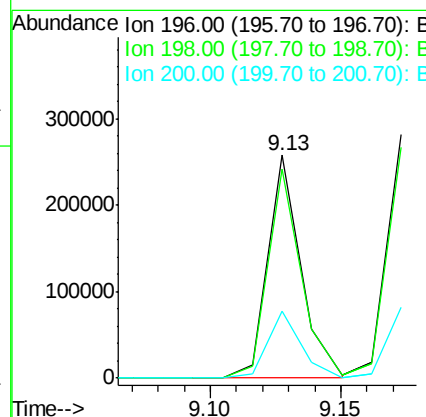
Manual Integrations
 APPROVED

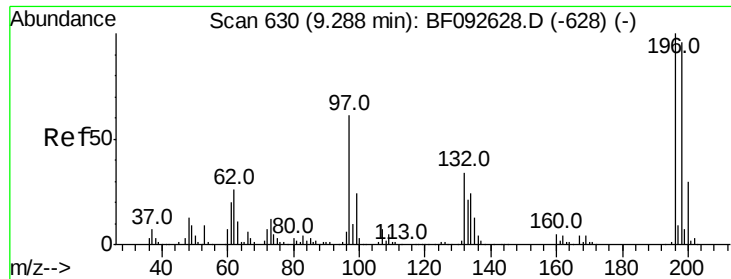
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#42
 2,4,6-Trichlorophenol
 Concen: 40.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228527		
198	93.9	82.1	123.1	
200	30.2	27.0	40.4	





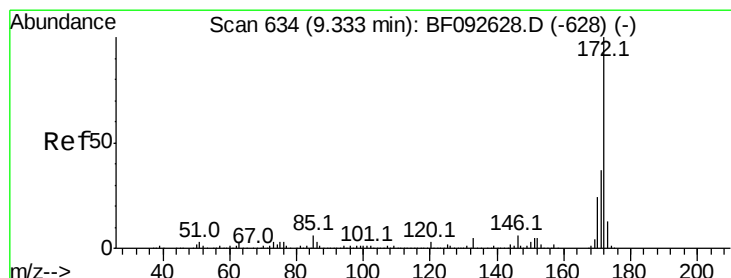
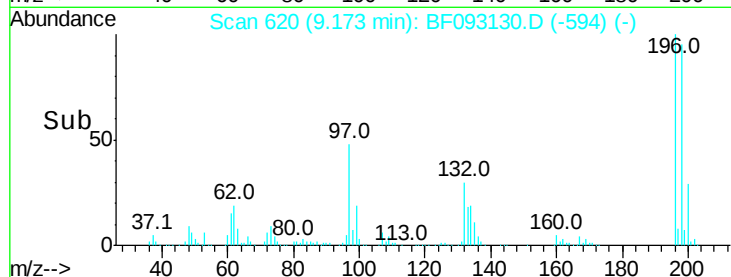
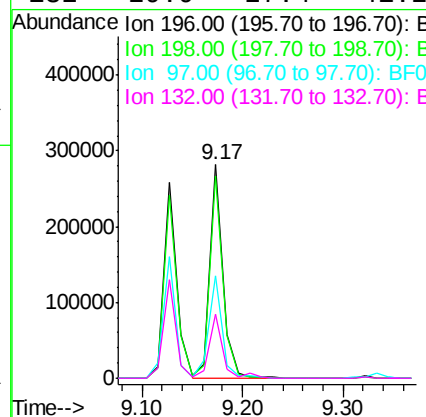
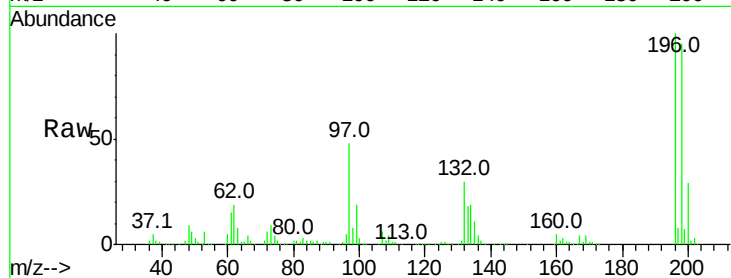
#43
 2,4,5-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	254646
Ion Ratio	Lower	Upper	
196	100		
198	94.7	79.4	119.2
97	48.2	51.5	77.3#
132	29.9	27.4	41.2

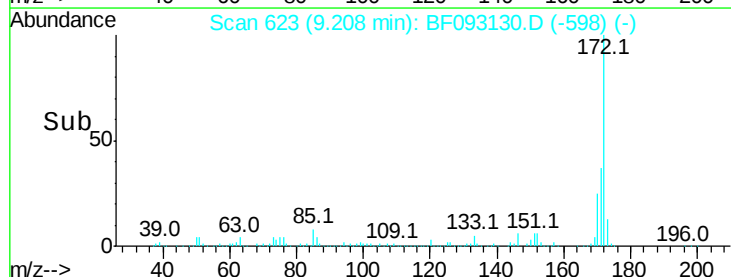
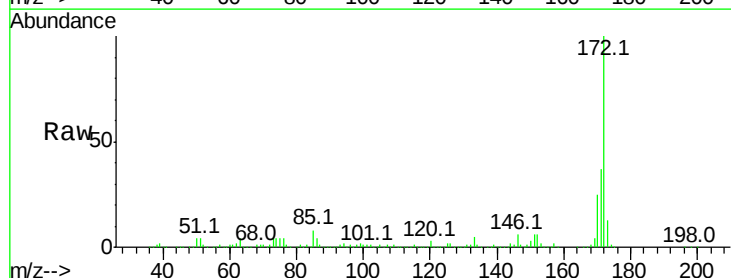
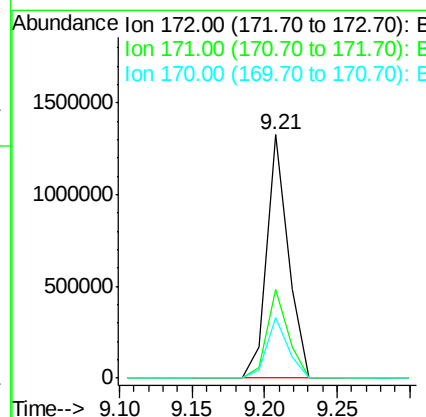
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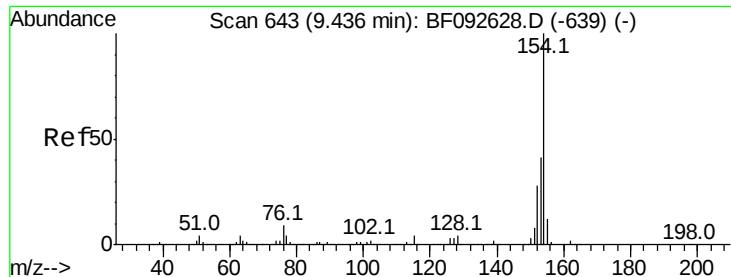
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion:	172	Resp:	1363540
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4





#45

1,1'-Biphenyl

Concen: 43.34 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

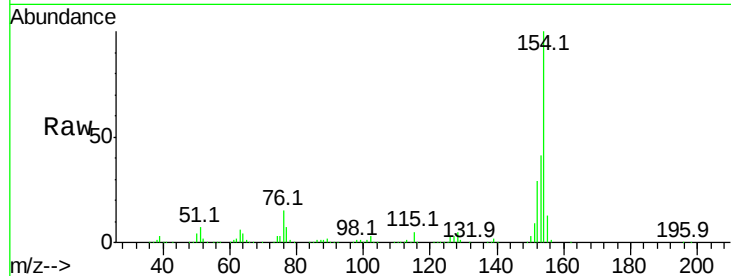
ClientSampleId :

SSTDCCC040

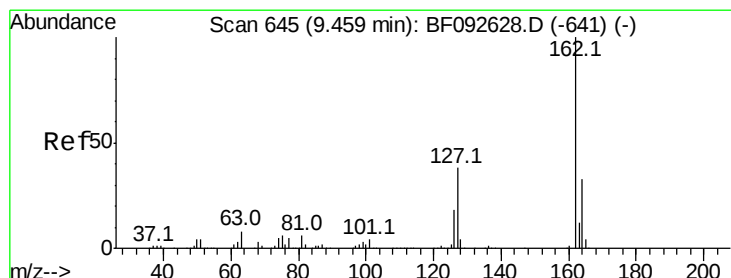
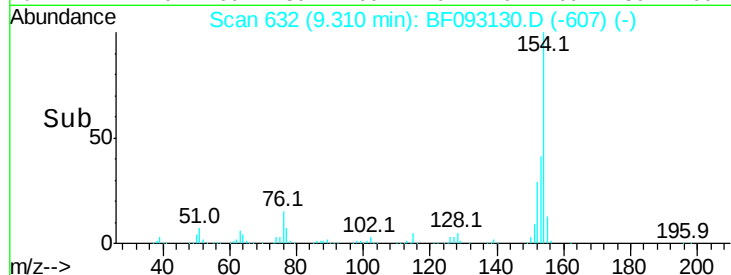
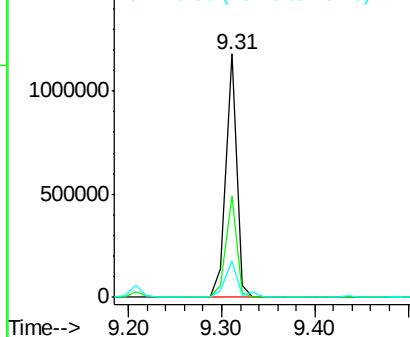
Tot Ion:	154	Resp:	950055
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.9	60.9
76	14.7	0.0	30.5

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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: 41.91 ng

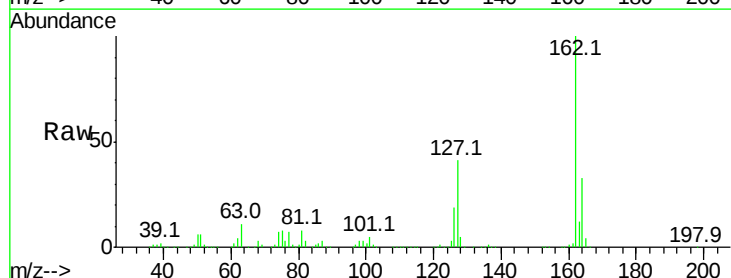
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

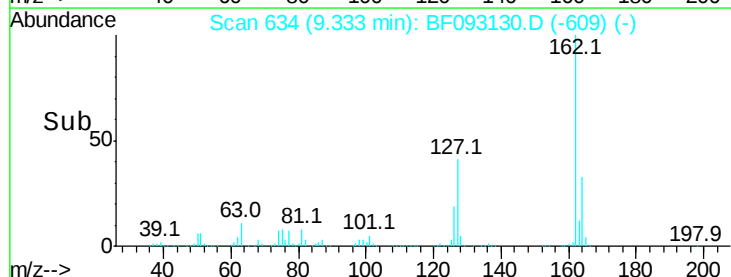
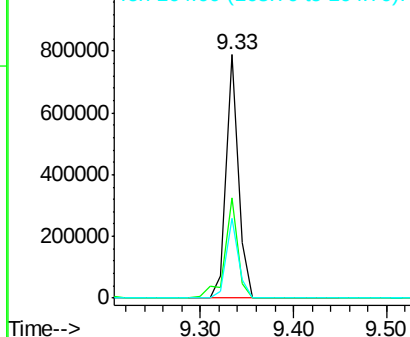
Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	162	Resp:	718565
Ion Ratio	Lower	Upper	
162	100		
127	41.2	30.7	46.1
164	32.7	27.6	41.4



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





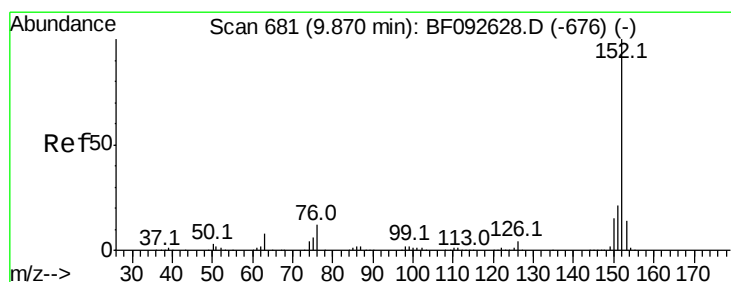
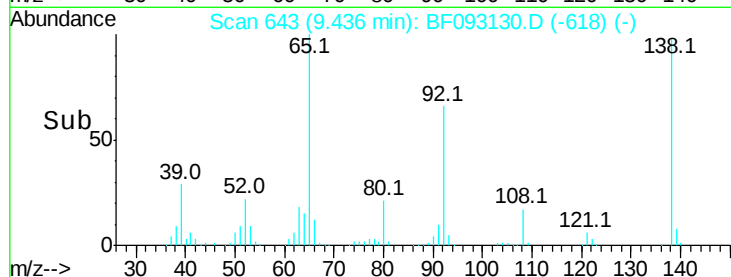
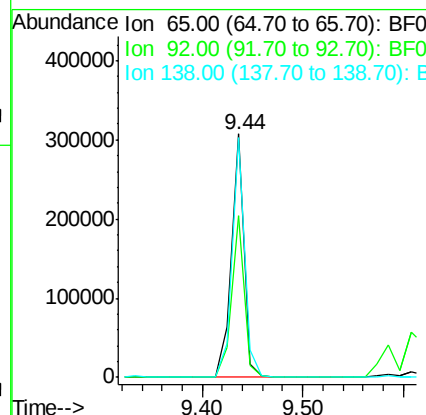
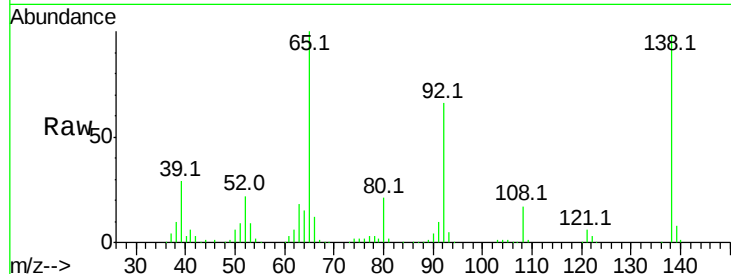
#47
2-Nitroaniline
Concen: 46.78 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.9	80.9
138	98.3	76.8	115.2

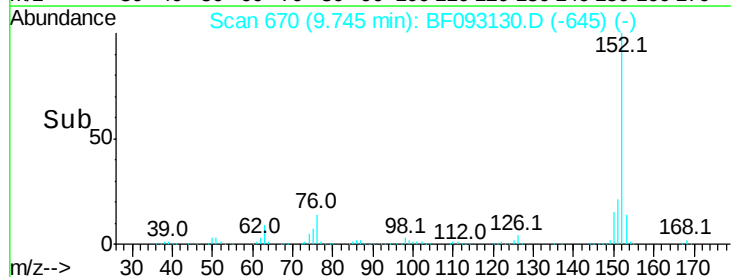
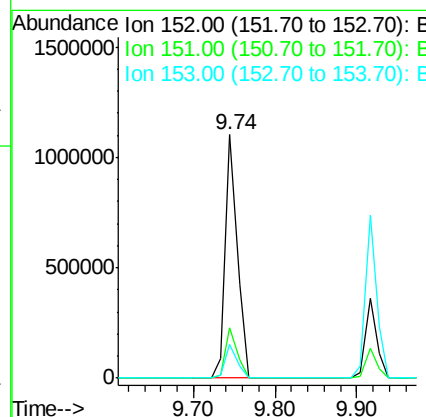
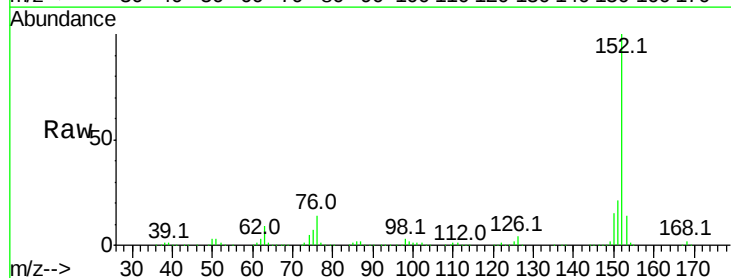
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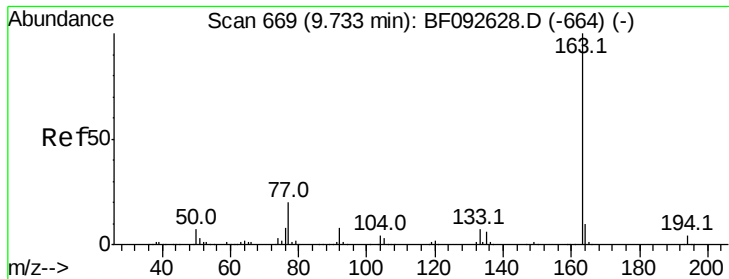
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#48
Acenaphthylene
Concen: 37.63 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.4	17.2





#49

Dimethylphthalate

Concen: 45.55 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

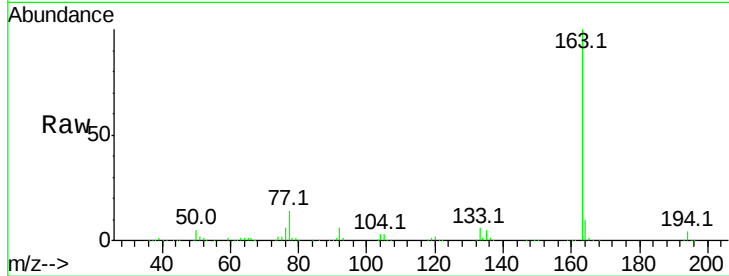
ClientSampleId :

SSTDCCC040

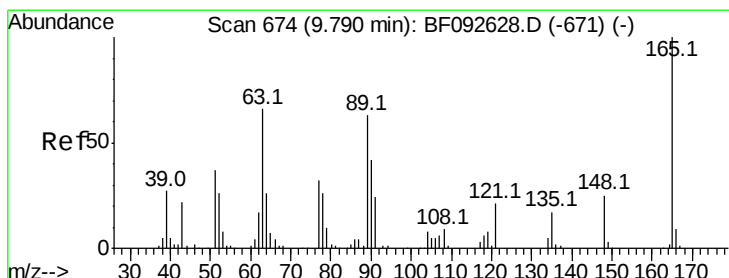
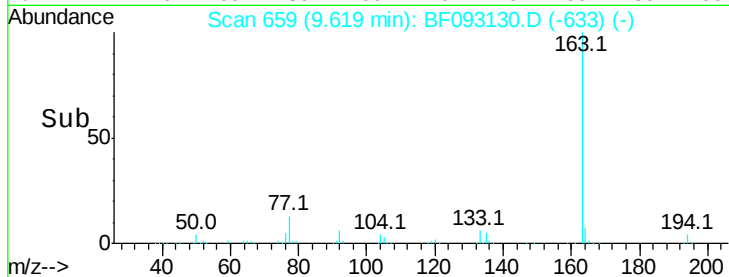
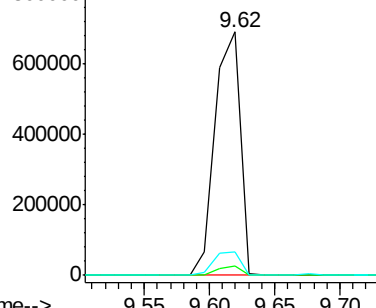
Tot Ion:	163	Resp:	928640
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.4
164	9.8	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.05 ng

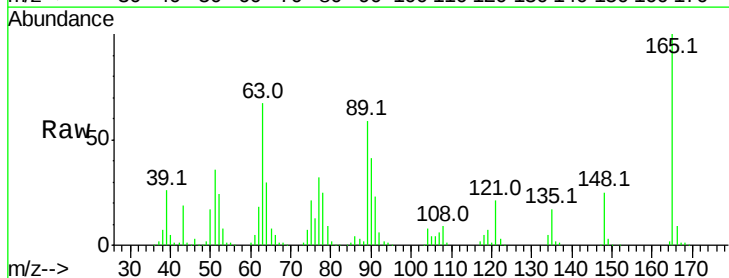
RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

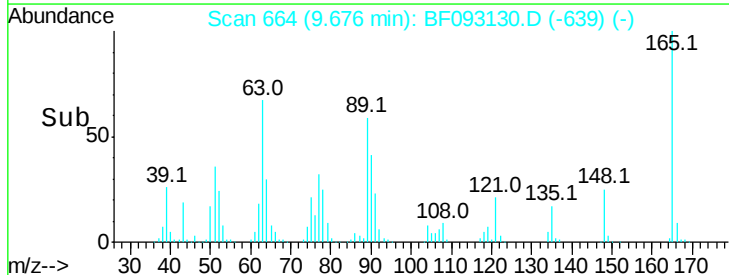
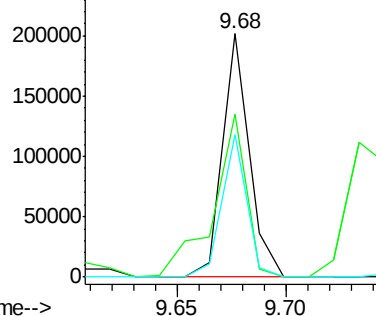
Lab File: BF093130.D

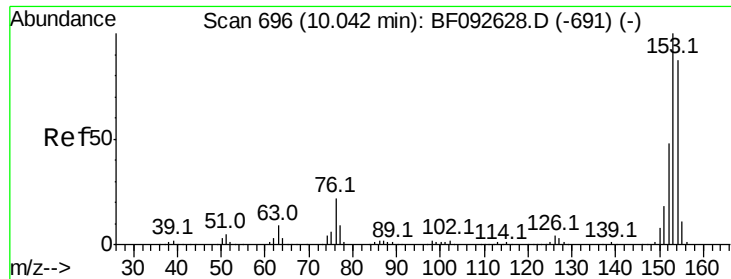
Acq: 24 Feb 2017 5:07

Tgt Ion:	165	Resp:	171936
Ion Ratio	Lower	Upper	
165	100		
63	67.0	36.2	54.4#
89	58.6	40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.15 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

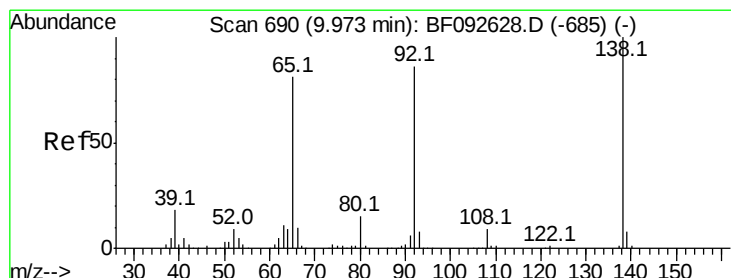
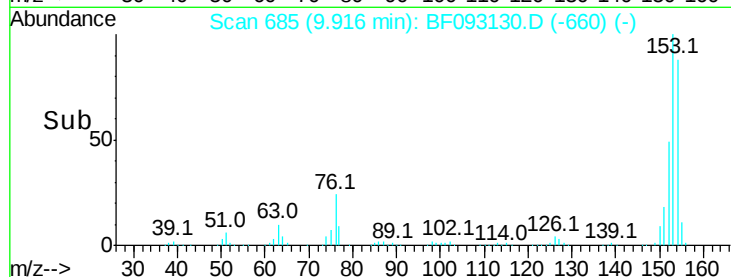
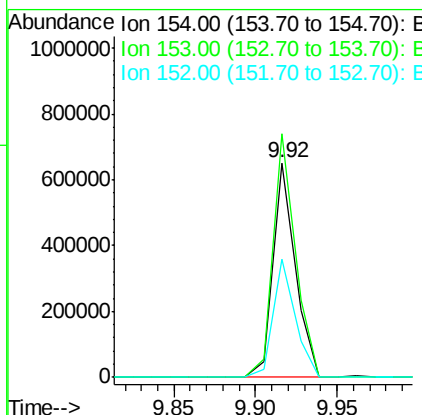
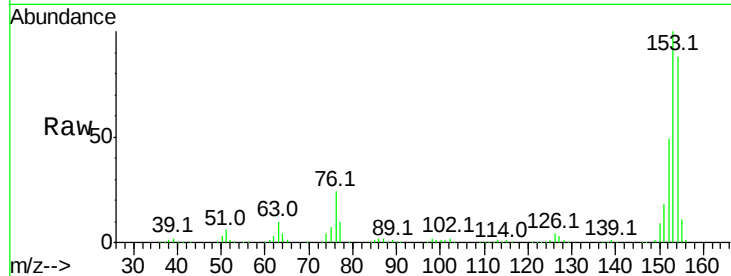
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	622423
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	55.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 44.59 ng

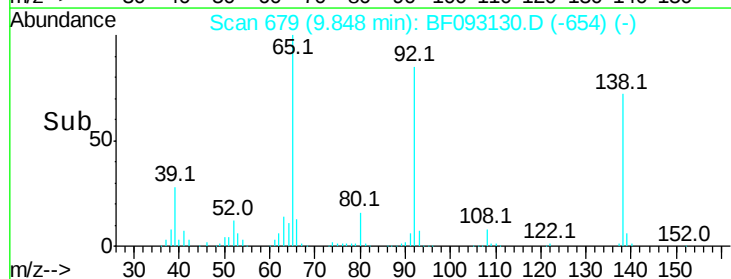
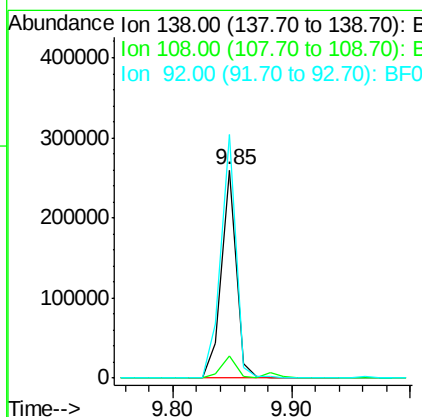
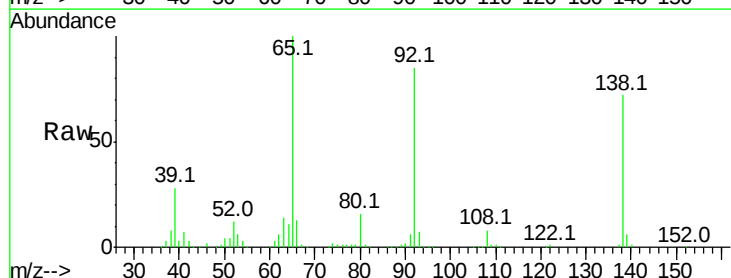
RT: 9.85 min Scan# 679

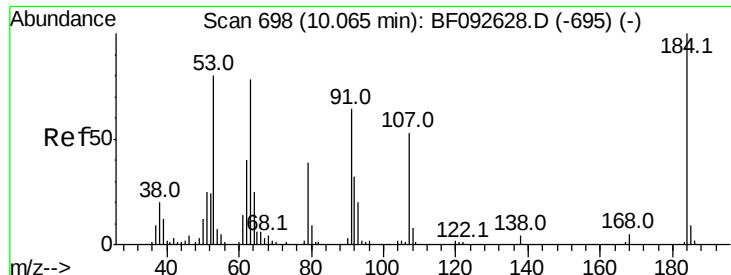
Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:	138	Resp:	224707
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.5	12.7
92	117.0	97.8	146.8





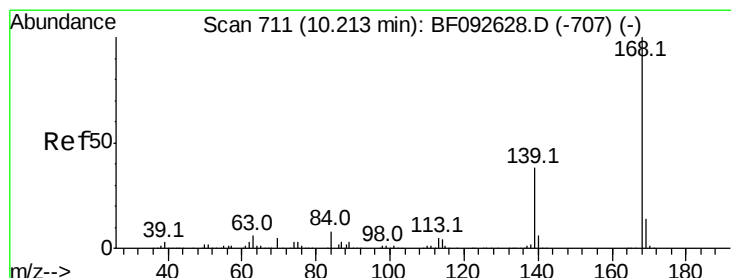
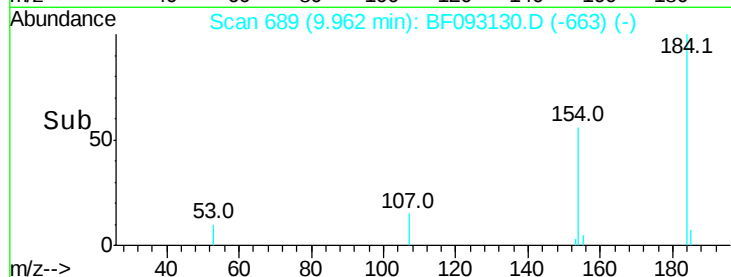
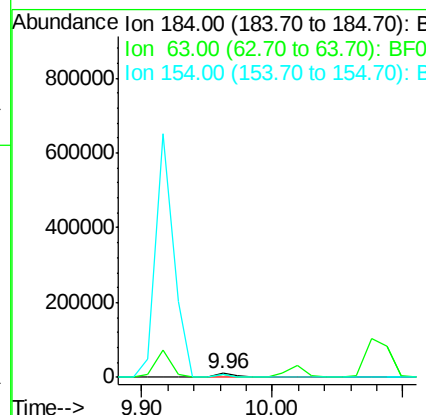
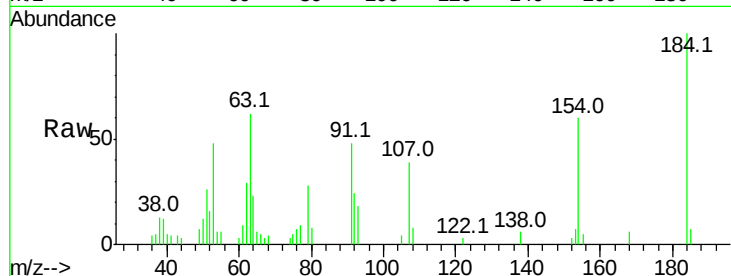
#53
 2,4-Dinitrophenol
 Concen: 10.02 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.1	28.4	42.6	
154	60.4	44.3	66.5	

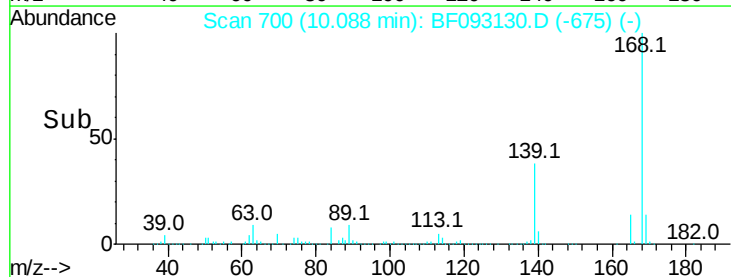
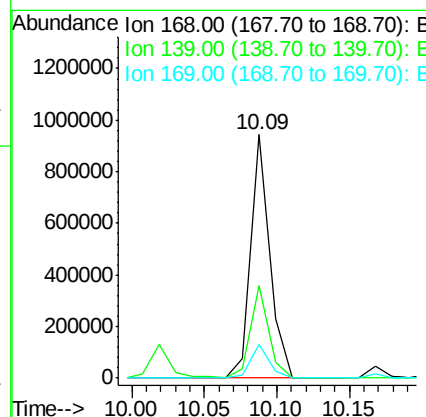
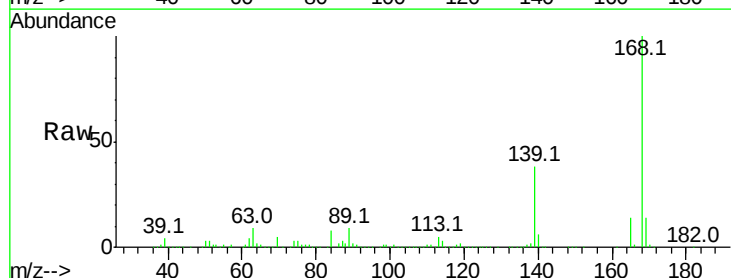
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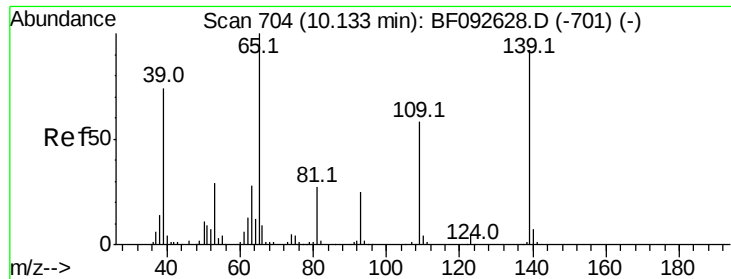
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#54
 Dibenzofuran
 Concen: 36.41 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	32.6	49.0	
169	13.8	11.3	16.9	





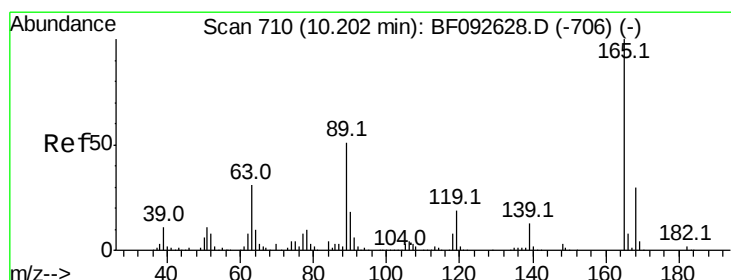
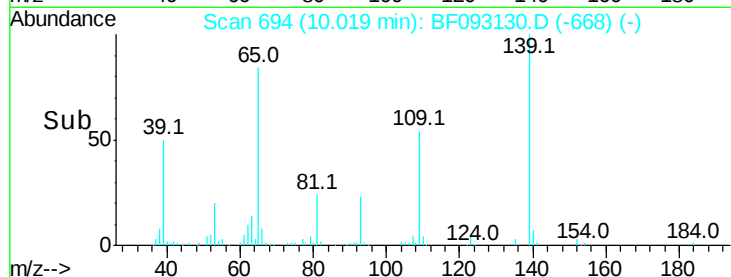
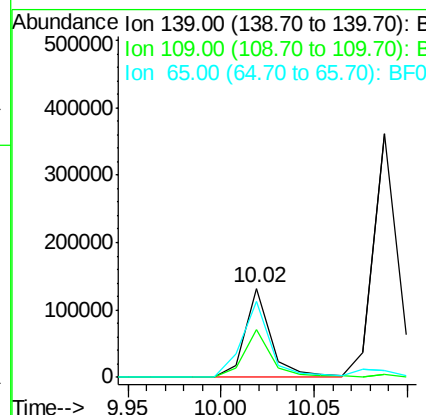
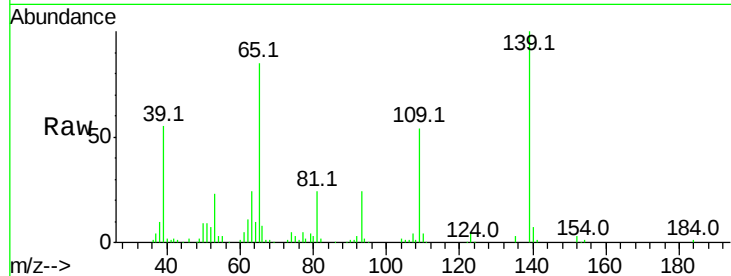
#55
4-Nitrophenol
Concen: 35.44 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.1	52.2	92.2	
65	84.6	85.8	125.8	

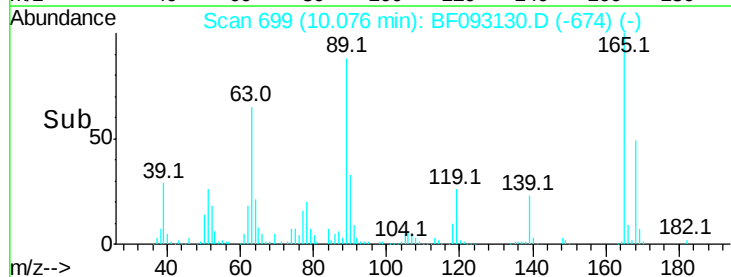
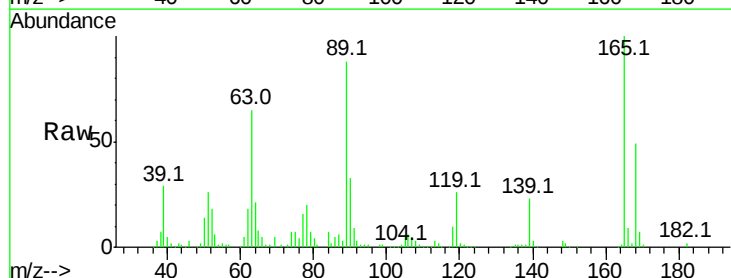
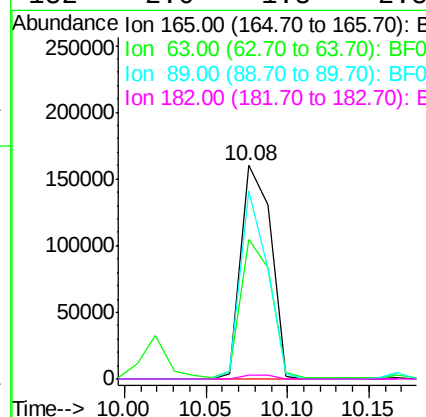
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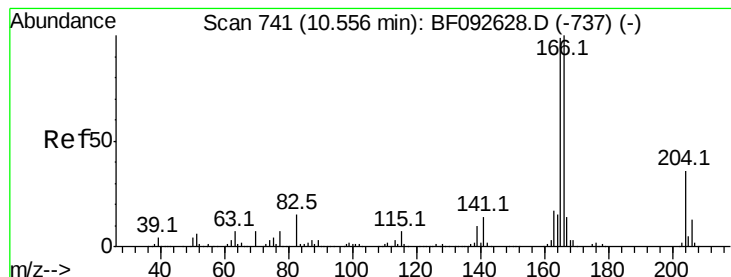
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#56
2,4-Dinitrotoluene
Concen: 34.81 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.3	40.2	60.4	
89	88.2	62.5	93.7	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 38.90 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 709006

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

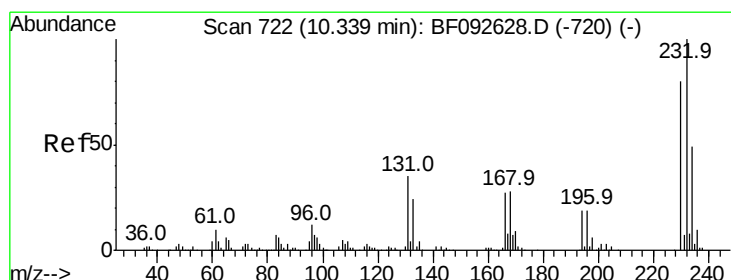
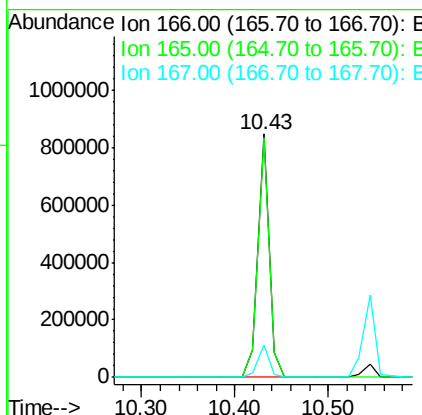
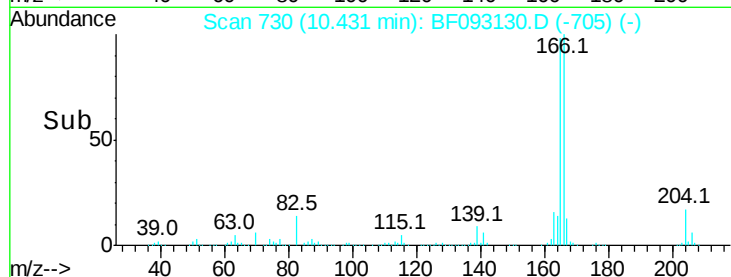
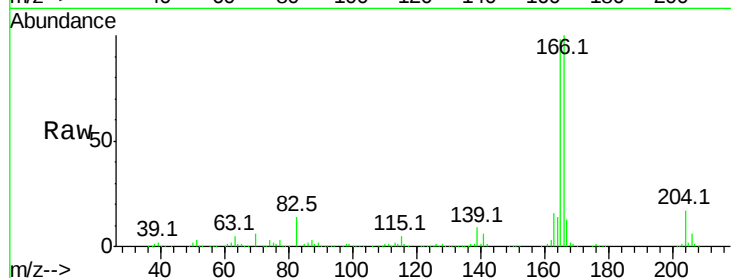
167 13.4 10.8 16.2

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2/24/2017 2:11:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.25 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion:232 Resp: 164275

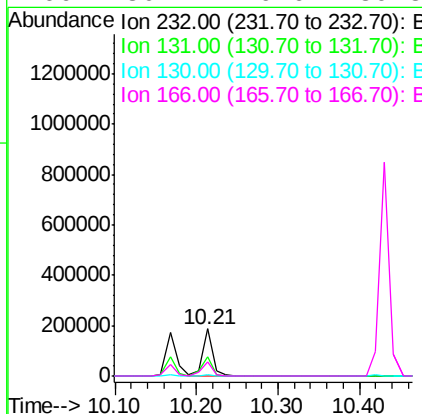
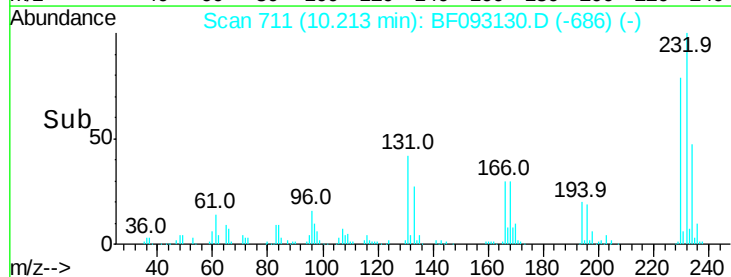
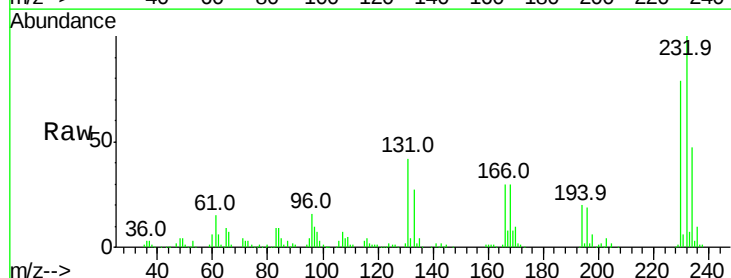
Ion Ratio Lower Upper

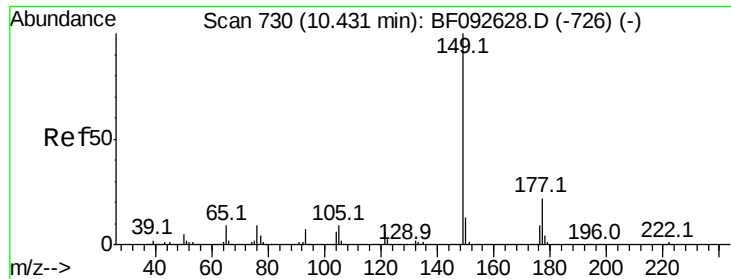
232 100

131 45.4 40.1 60.1

130 2.0 1.8 2.8

166 30.7 26.6 39.8





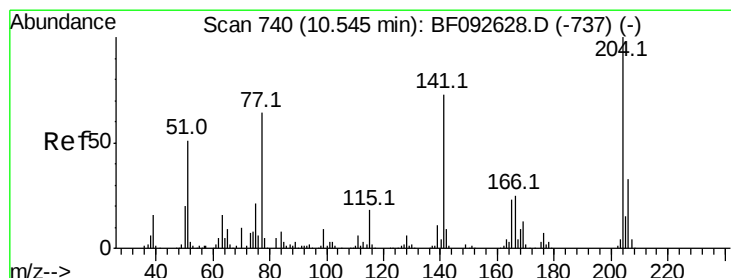
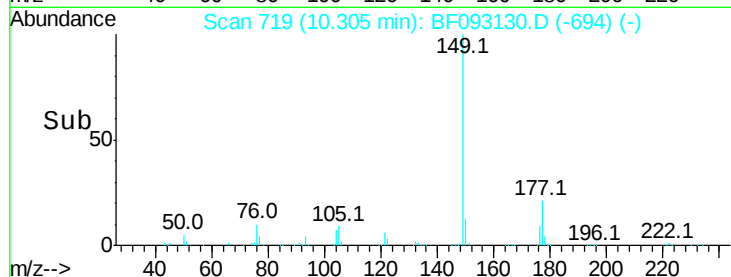
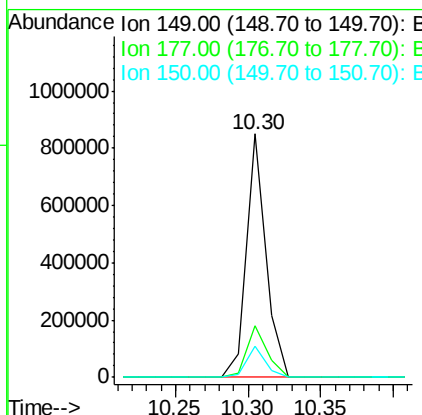
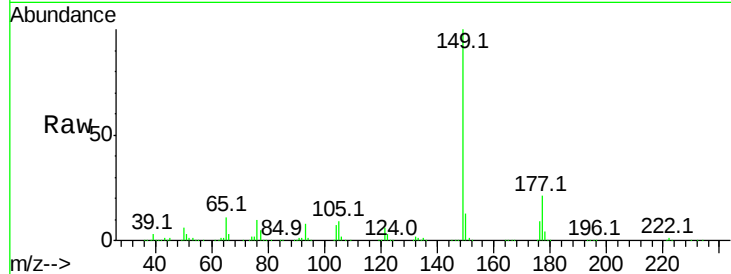
#59
Diethylphthalate
Concen: 41.13 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	790360		
177	21.1	16.6	25.0	
150	12.7	10.4	15.6	

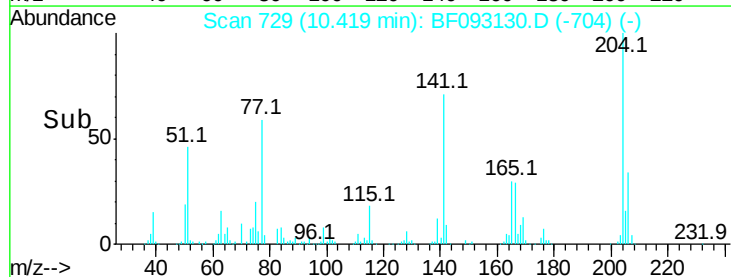
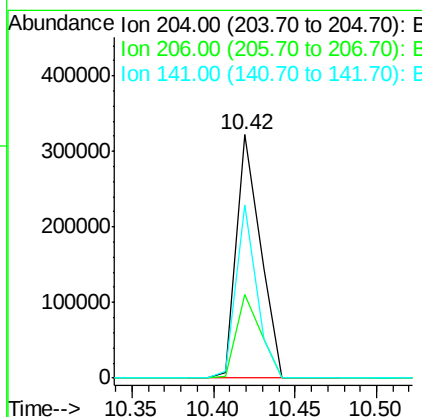
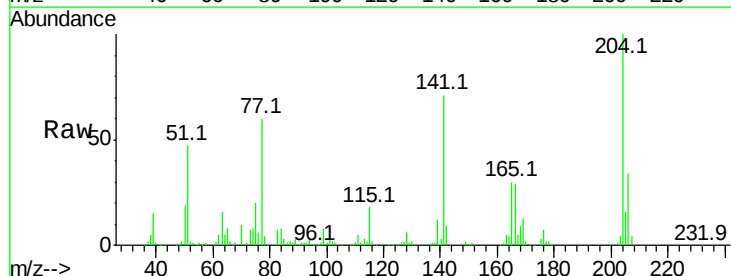
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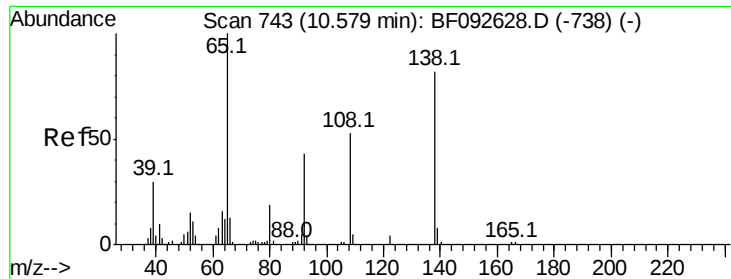
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#60
4-Chlorophenyl-phenylether
Concen: 37.30 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	326588		
206	34.4	25.8	38.6	
141	71.2	59.4	89.0	





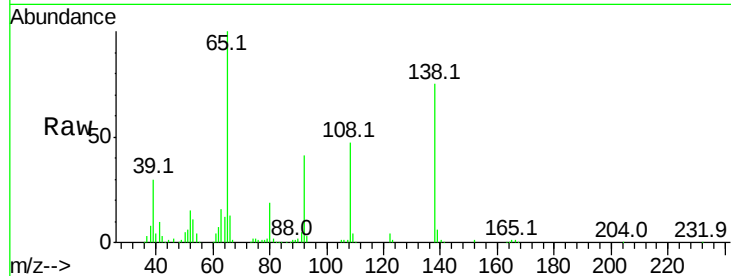
#61
4-Nitroaniline
Concen: 40.88 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	31.7	71.7
108	63.6	52.6	92.6

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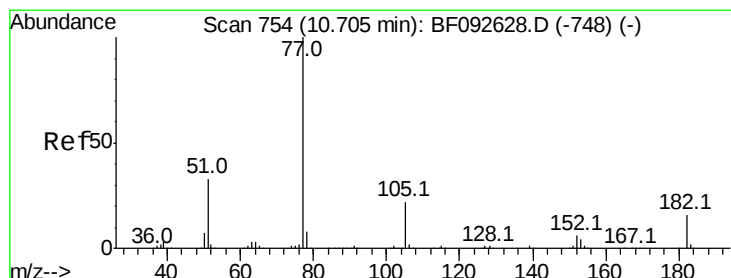
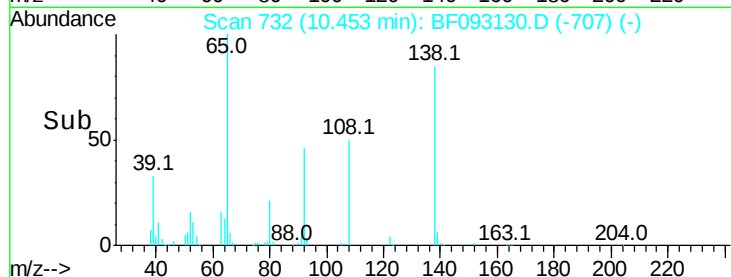
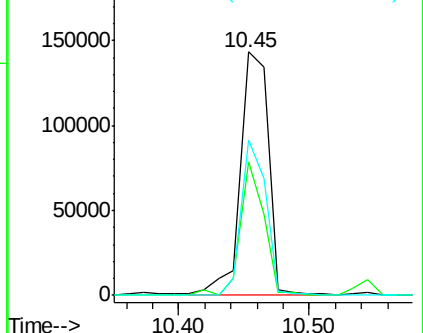


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 40.36 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	0.0	39.3
105	22.2	2.3	42.3
51	31.5	8.9	48.9

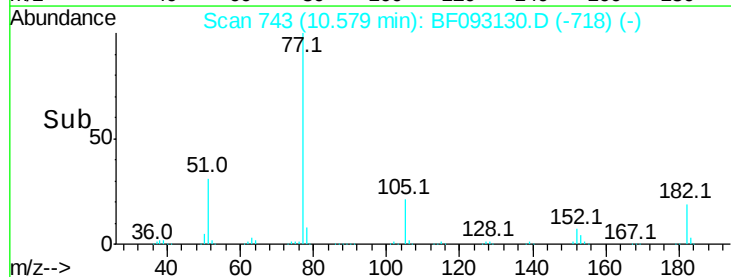
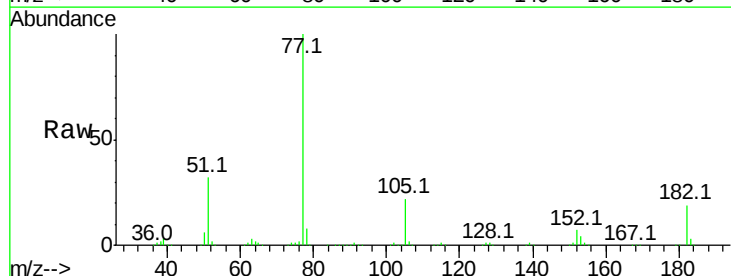
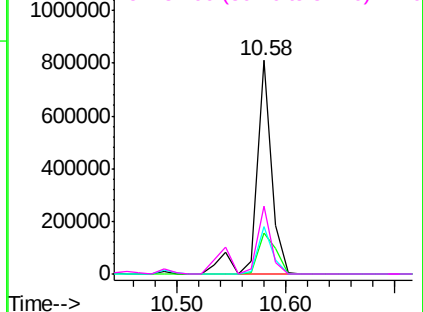
Abundance

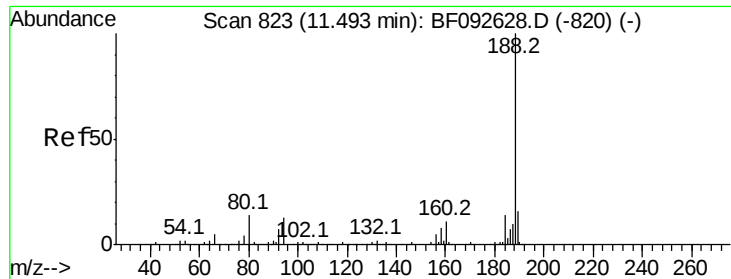
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





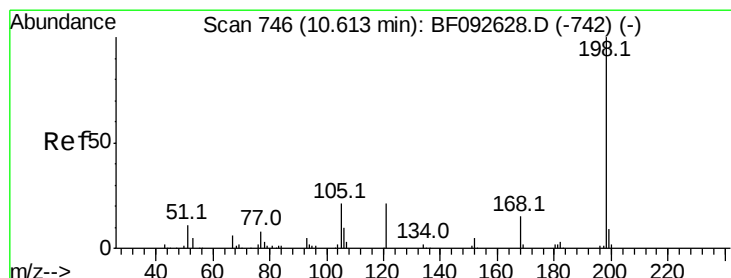
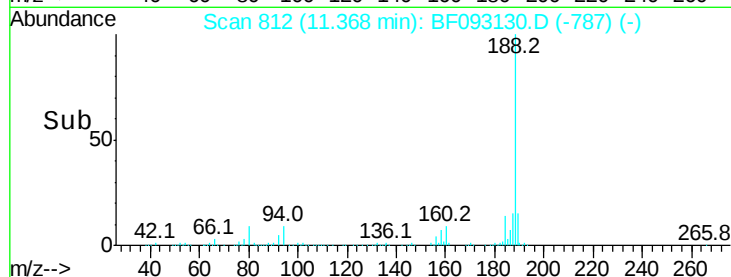
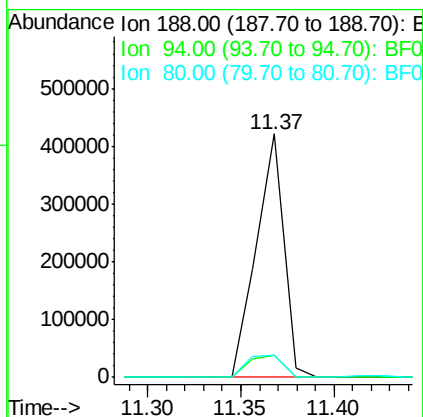
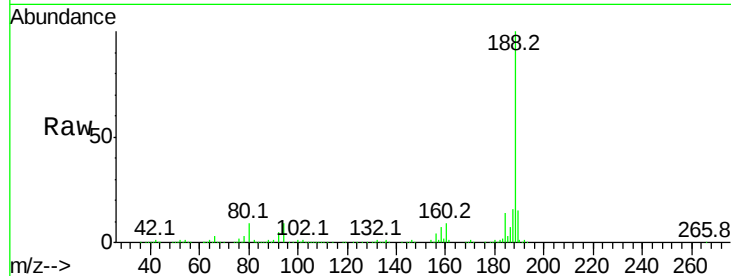
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	10.0	15.0#	
80	9.2	11.2	16.8#	

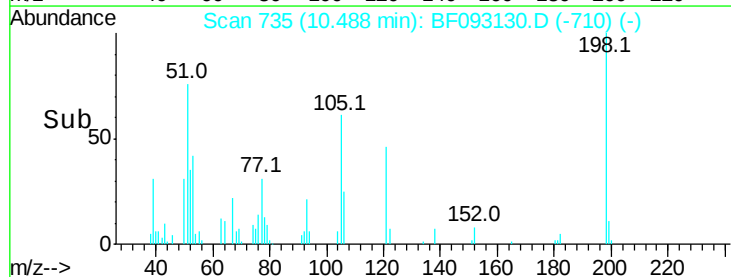
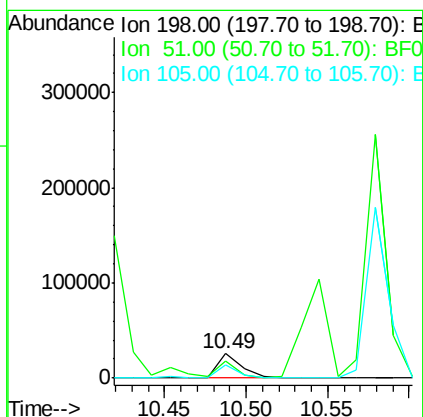
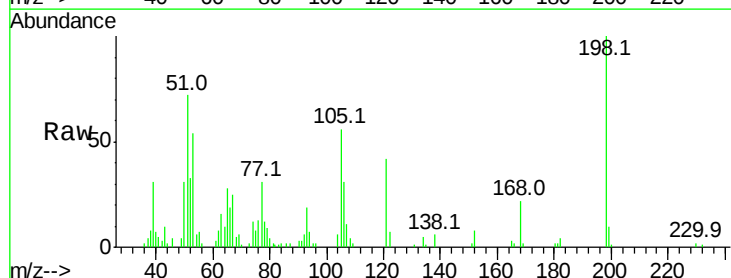
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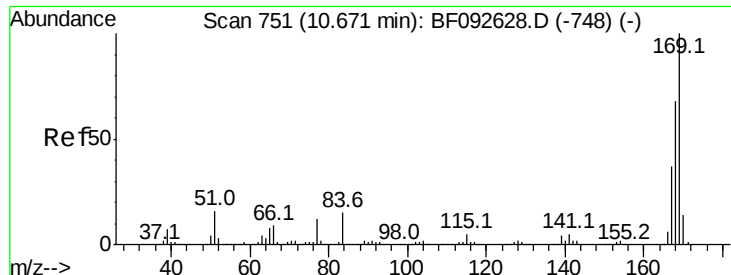
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.13 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	71.7	6.7	46.7#	
105	55.6	16.6	56.6	





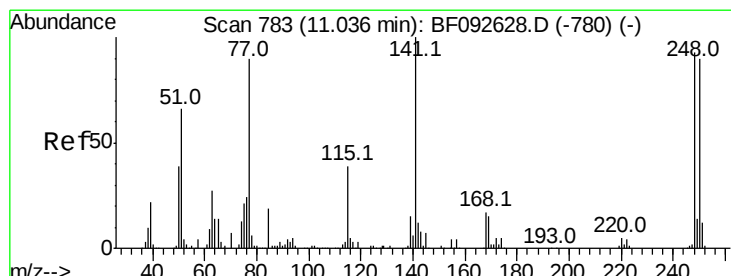
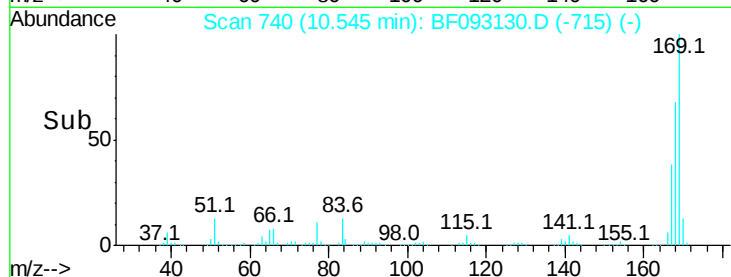
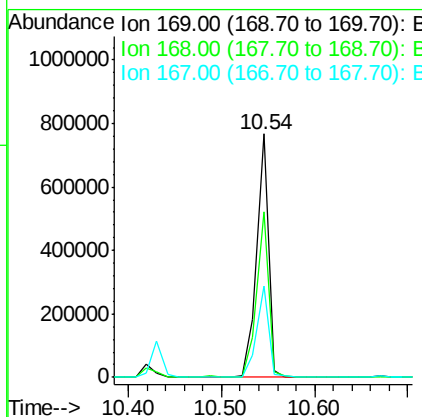
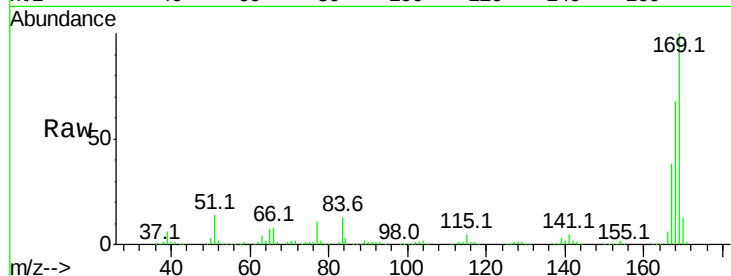
#65
n-Nitrosodiphenylamine
Concen: 48.91 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	672038		
168	67.9		54.2	81.2
167	37.7		30.2	45.4

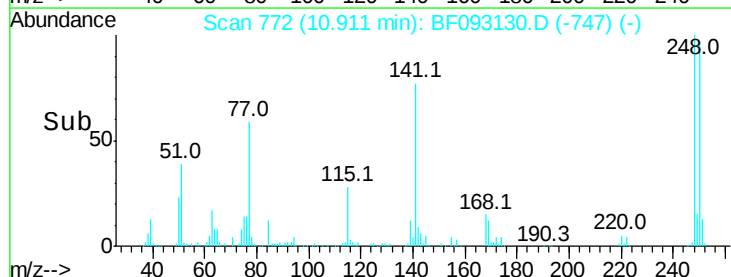
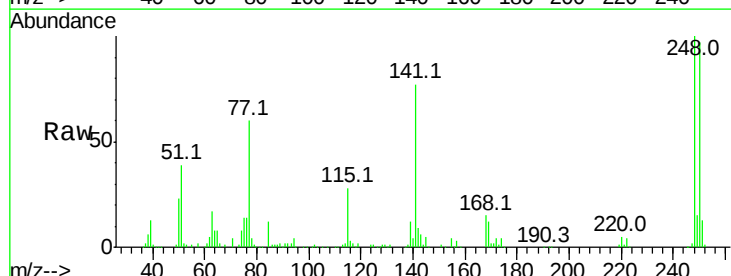
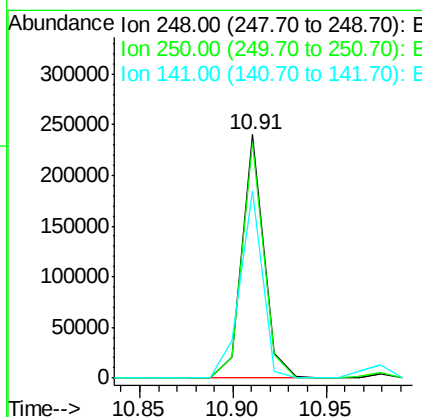
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#66
4-Bromophenyl-phenylether
Concen: 43.83 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	196956		
250	96.8		76.9	115.3
141	77.0		68.2	102.4





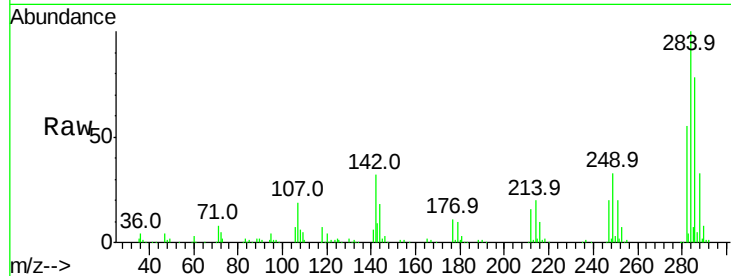
#67
Hexachlorobenzene
Concen: 41.42 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

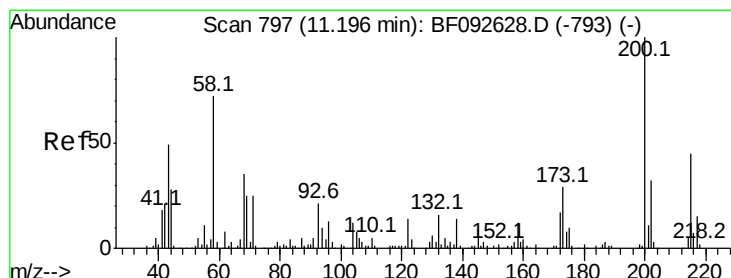
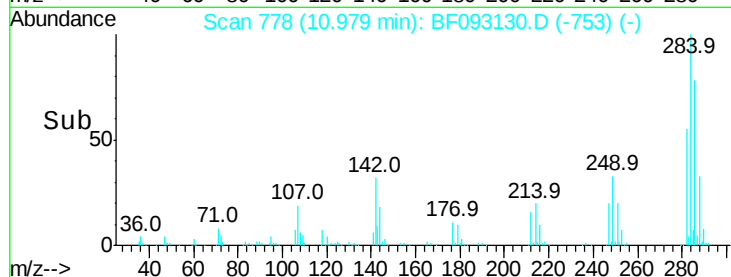
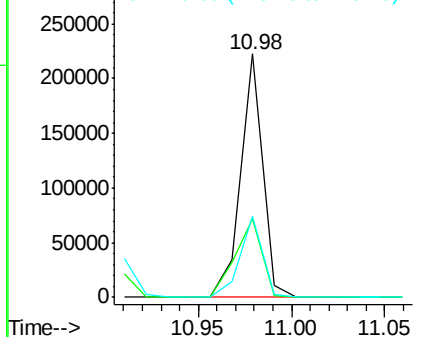
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.5	22.6	33.8
249	33.1	25.4	38.0

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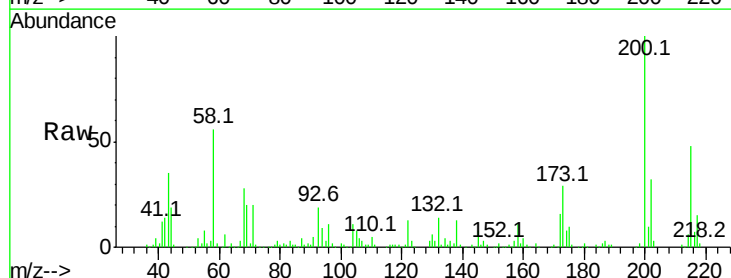


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

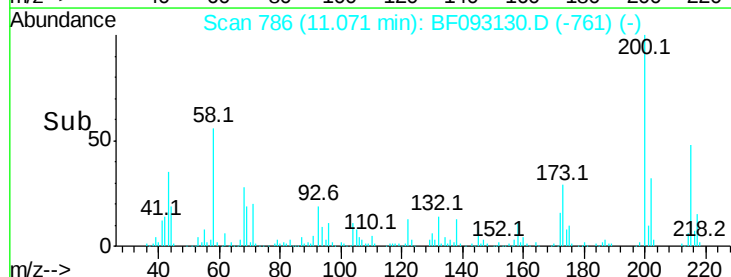
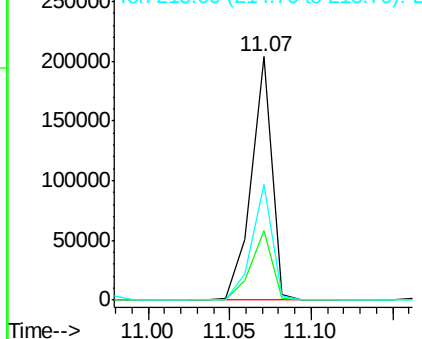


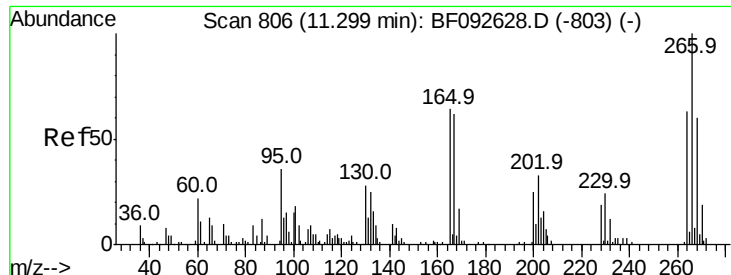
#68
Atrazine
Concen: 40.52 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.7	9.6	49.6
215	47.5	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





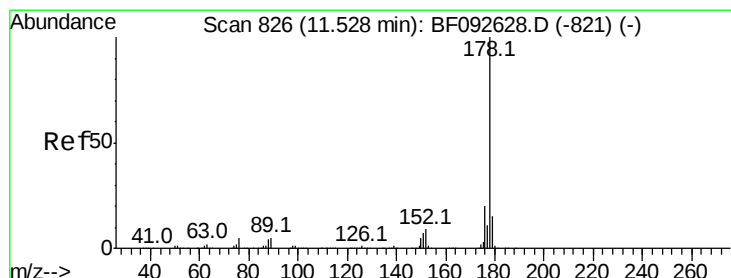
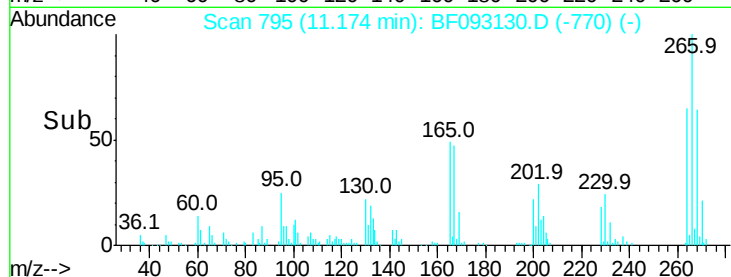
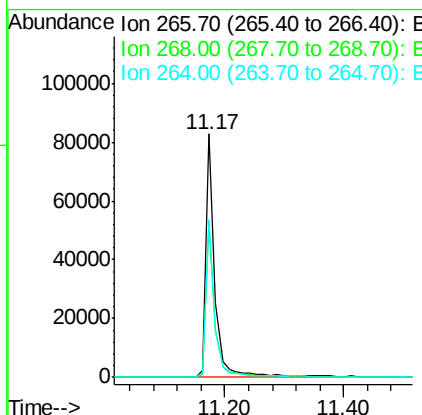
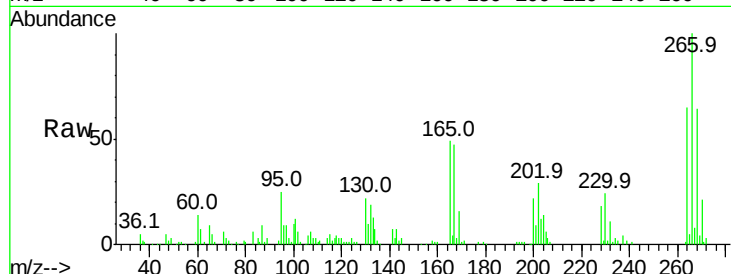
#69
 Pentachlorophenol
 Concen: 42.85 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.6	53.3	79.9	
264	64.9	50.3	75.5	

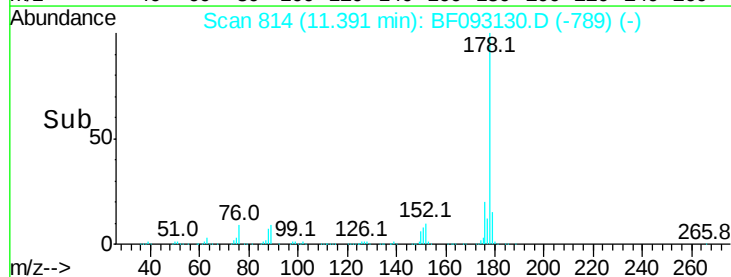
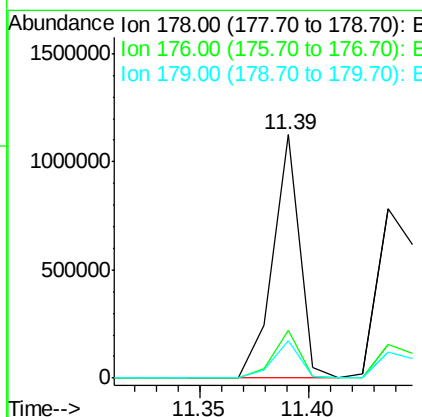
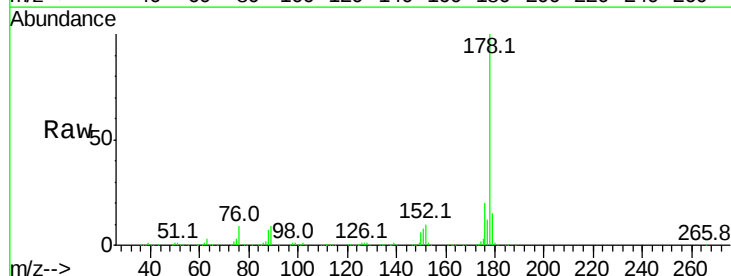
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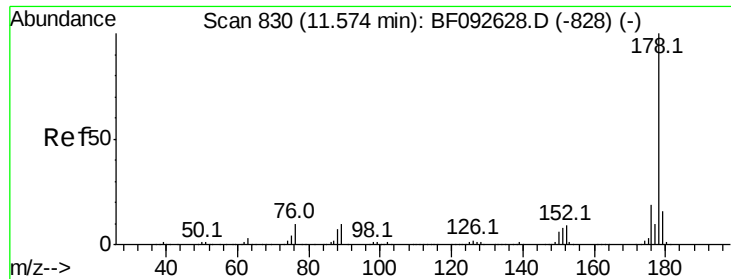
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#70
 Phenanthrene
 Concen: 39.51 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	16.6	25.0	
179	15.2	12.8	19.2	





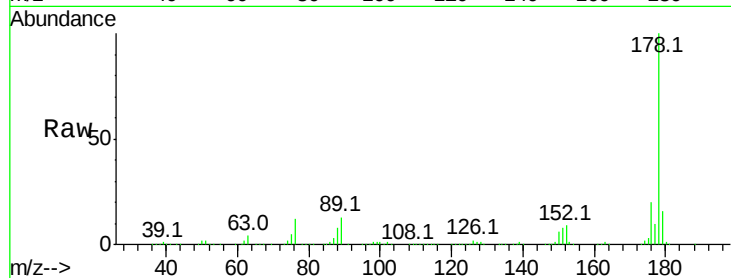
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

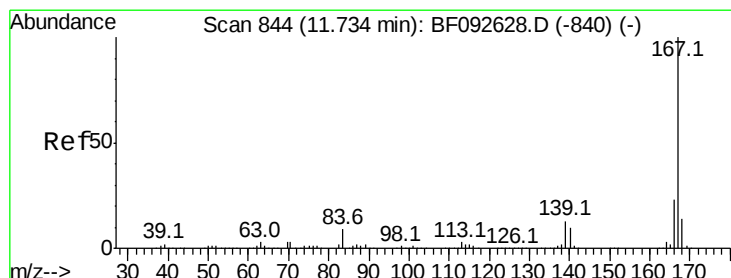
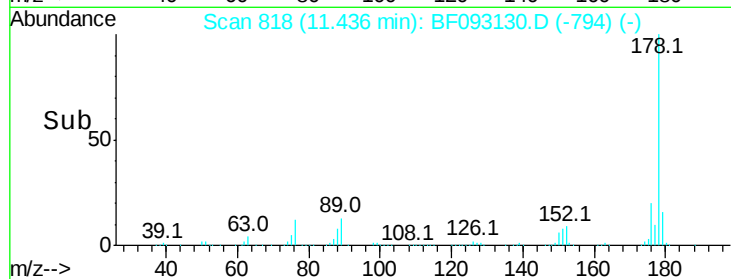
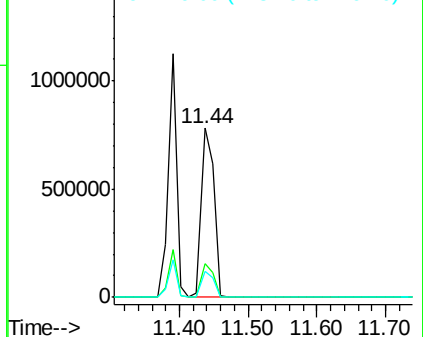
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.6	13.2	19.8

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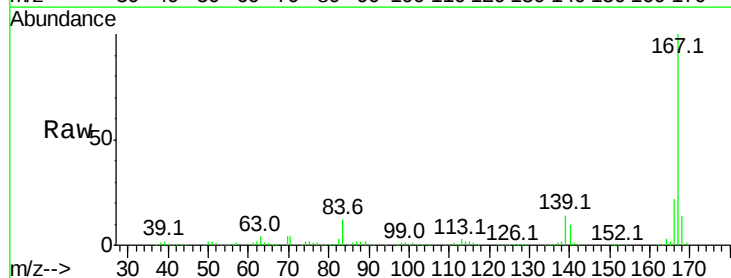


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

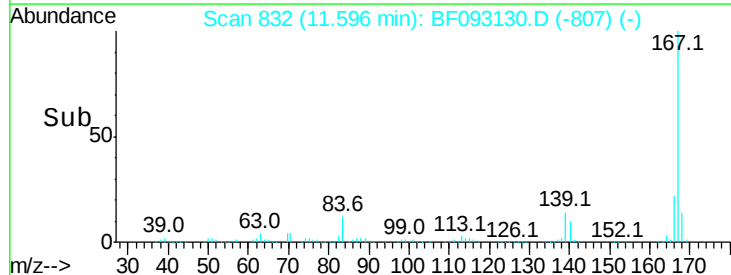
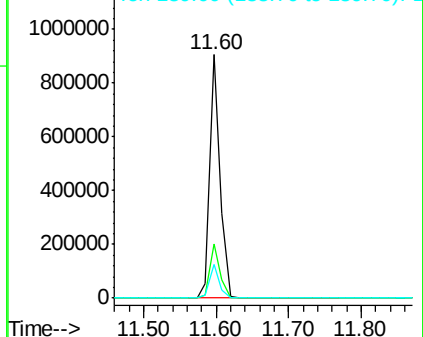


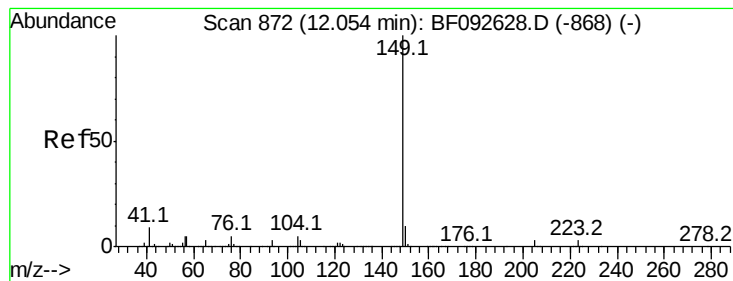
#72
 Carbazole
 Concen: 37.63 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	13.8	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.30 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1184582

Ion Ratio Lower Upper

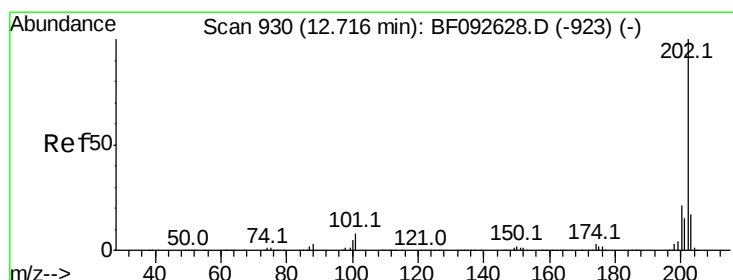
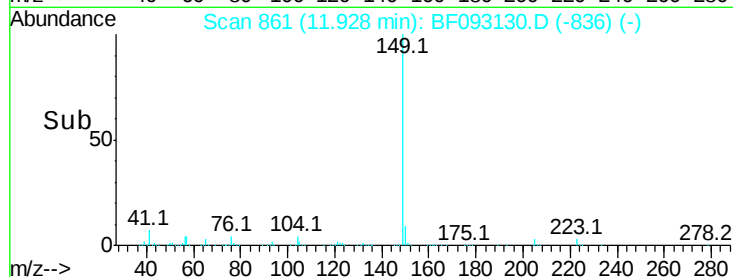
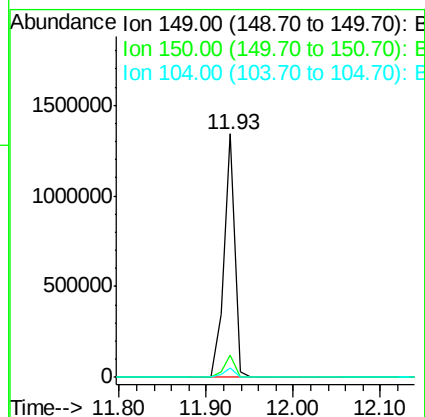
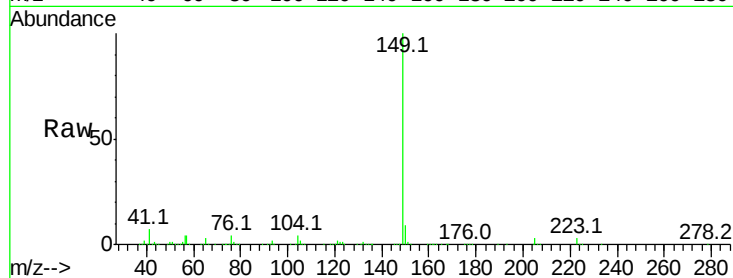
149 100

150 9.1 8.1 12.1

104 4.0 4.6 7.0#

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#74

Fluoranthene

Concen: 38.02 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

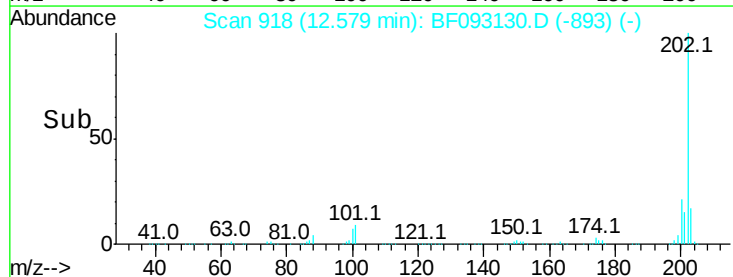
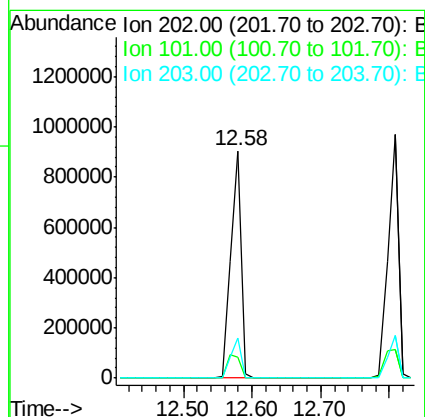
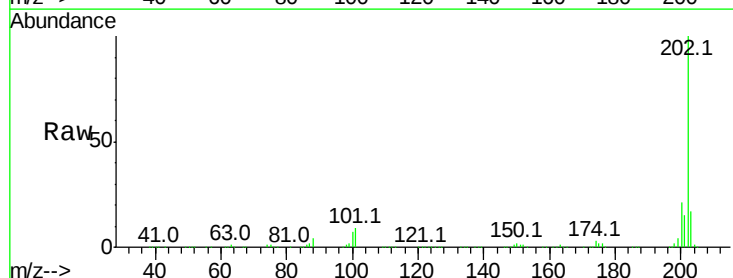
Tgt Ion:202 Resp: 966602

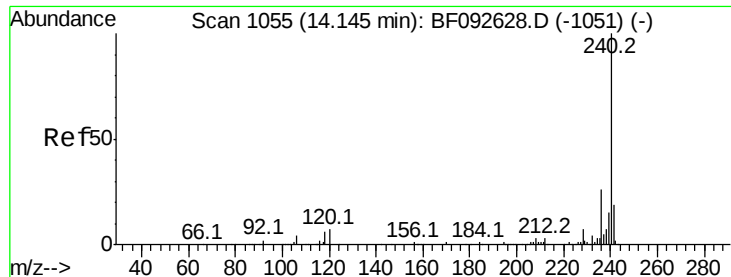
Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.6

203 17.4 0.0 38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Instrument :

BNA_F

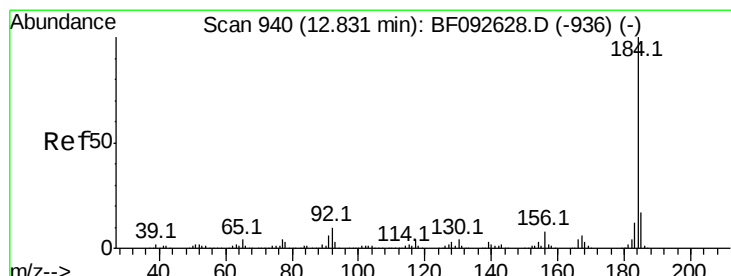
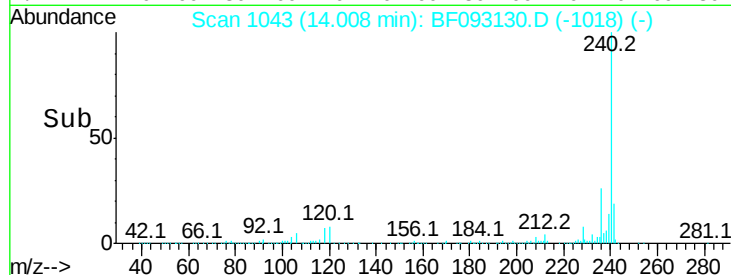
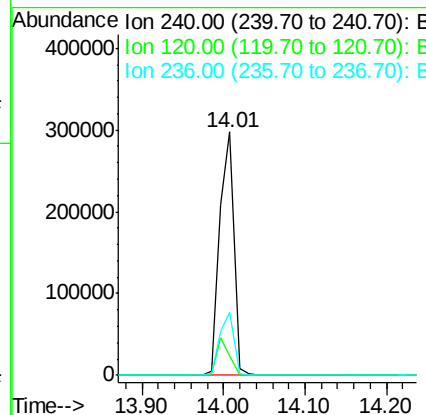
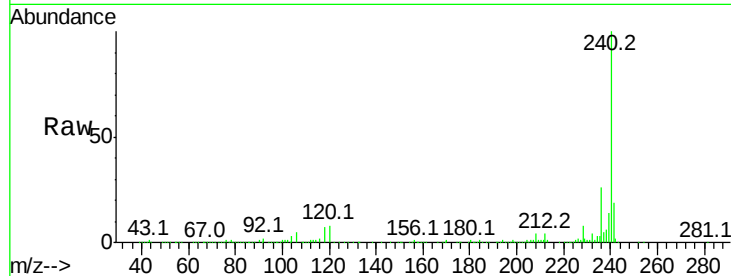
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.2	12.9	19.3#	
236	26.0	20.9	31.3	

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#76

Benzidine

Concen: 41.78 ng

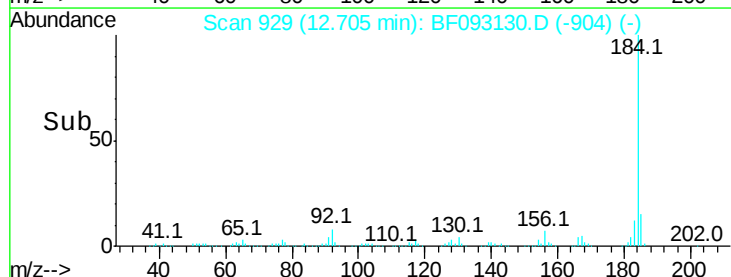
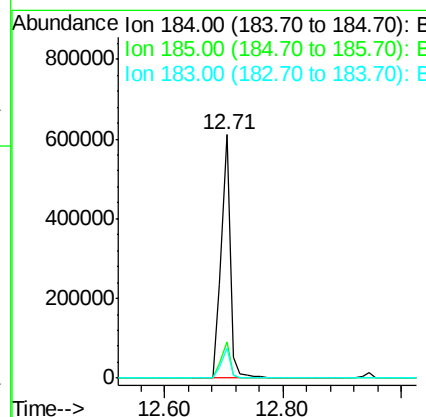
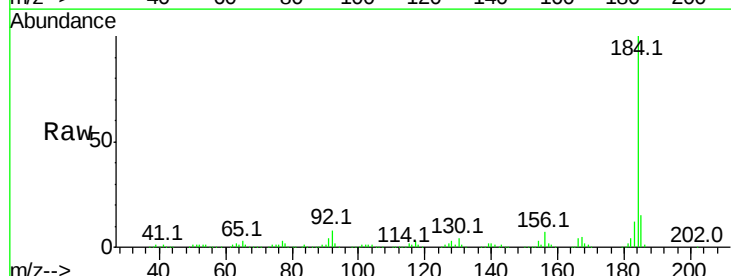
RT: 12.71 min Scan# 929

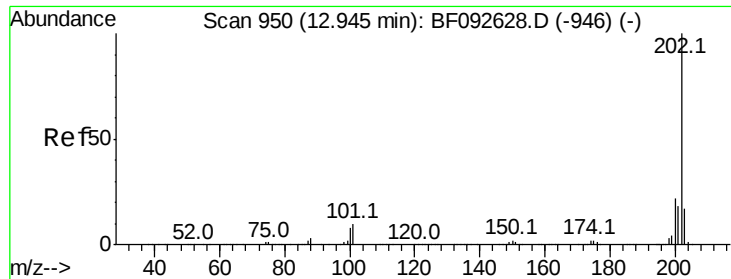
Delta R.T. -0.01 min

Lab File: BF093130.D

Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	13.4	20.0	
183	12.0	9.2	13.8	





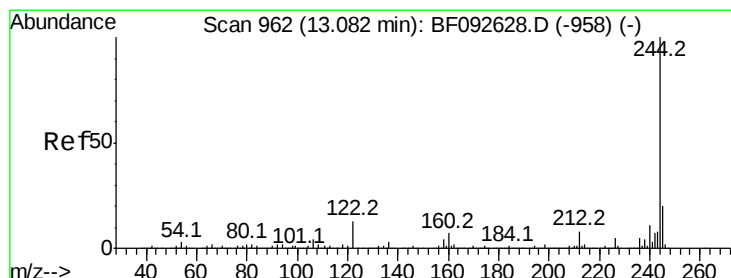
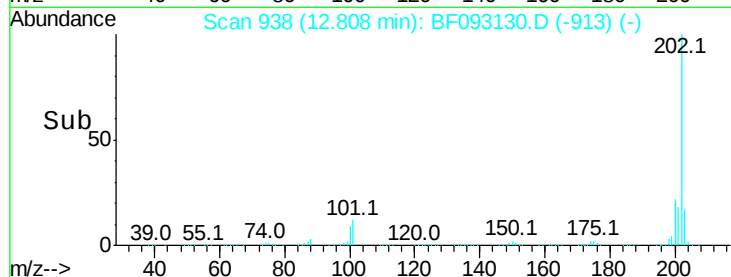
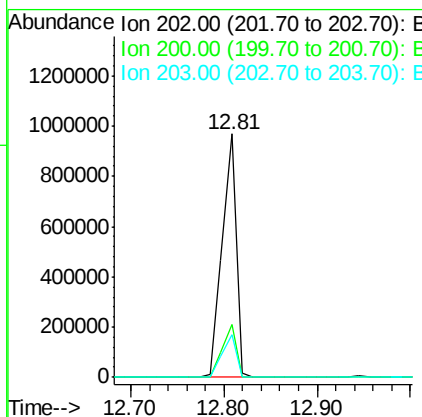
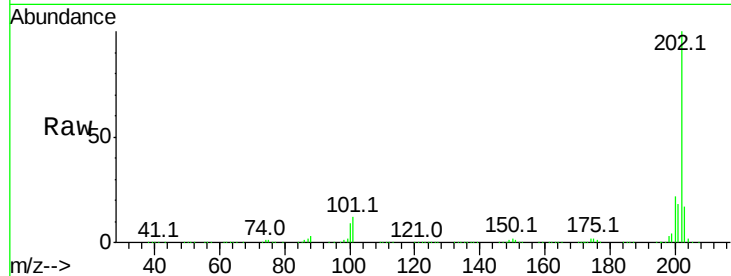
#77
Pvrene
Concen: 37.36 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.3	14.7	22.1

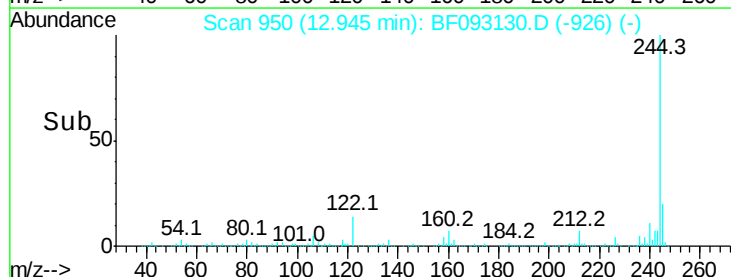
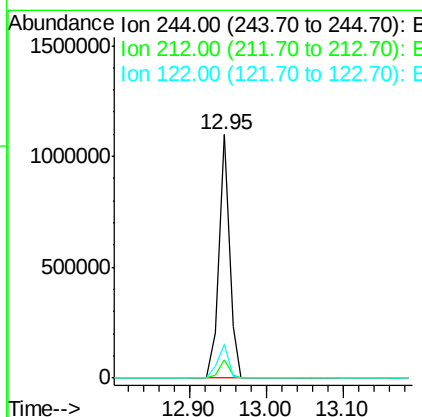
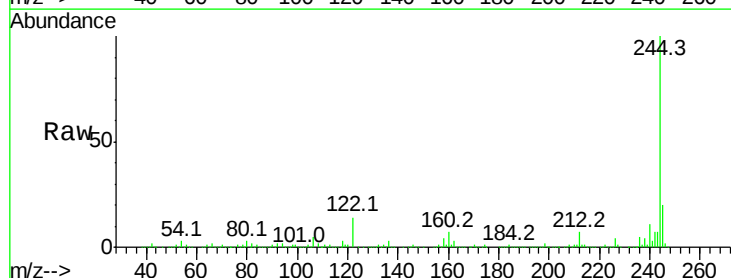
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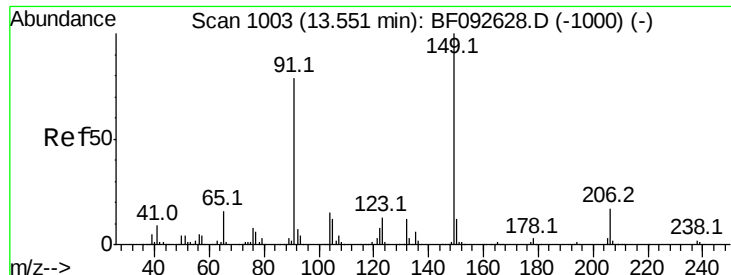
mohammad
2/24/2017 2:11:32 PM



#78
Terphenyl-d14
Concen: 69.09 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	13.9	11.4	17.2





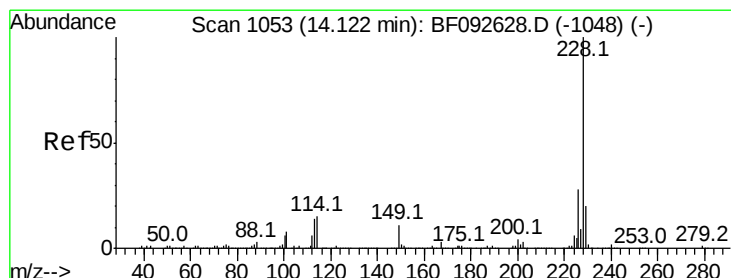
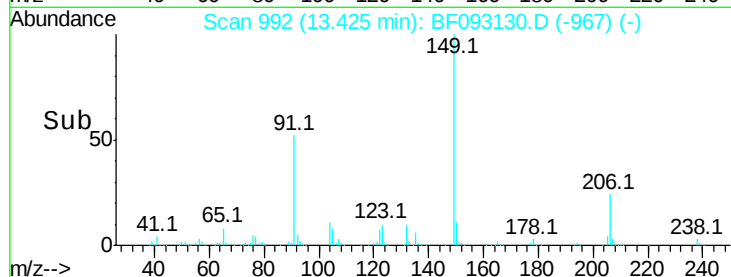
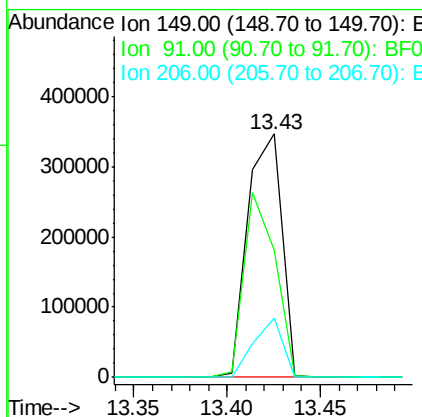
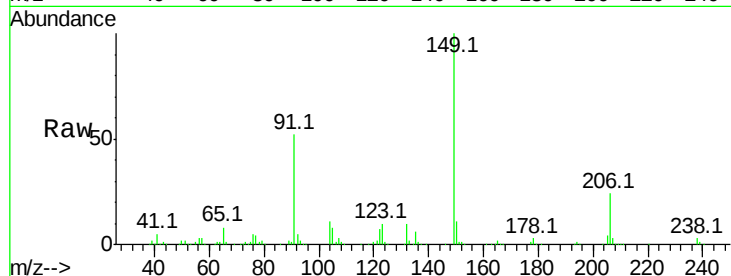
#79
Butylbenzylphthalate
Concen: 40.73 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	447699		
91	52.3	63.9	95.9#	
206	24.2	14.6	21.8#	

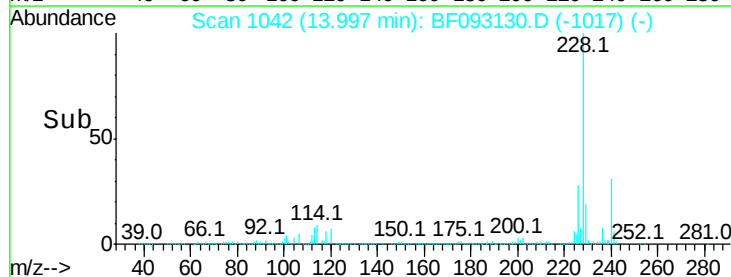
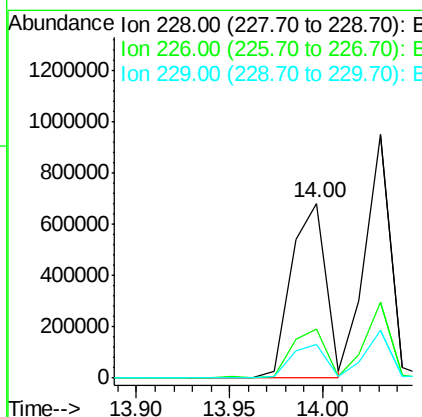
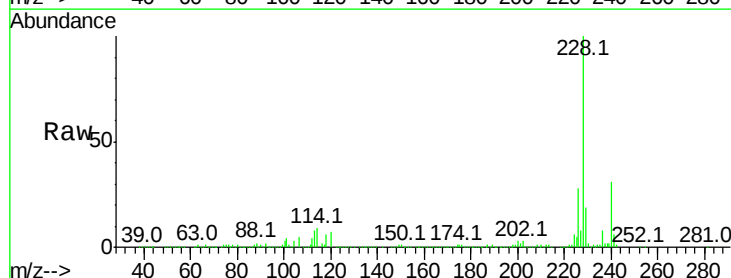
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 39.59 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	875840		
226	28.0	22.4	33.6	
229	19.0	16.2	24.4	





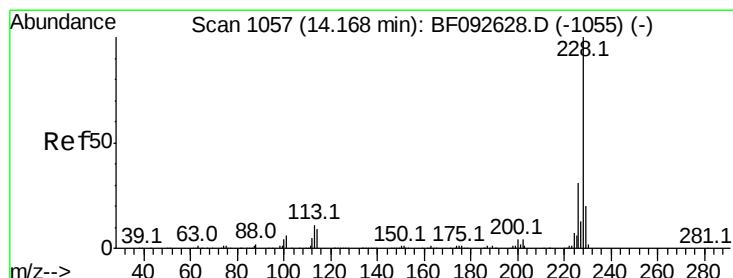
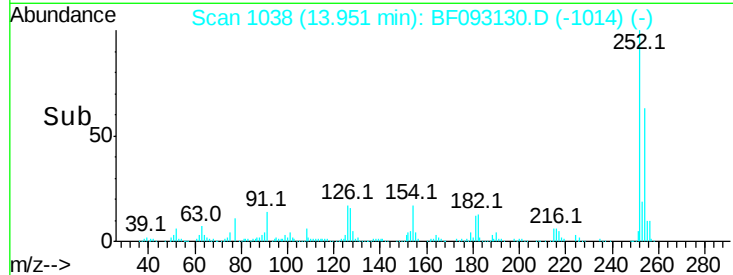
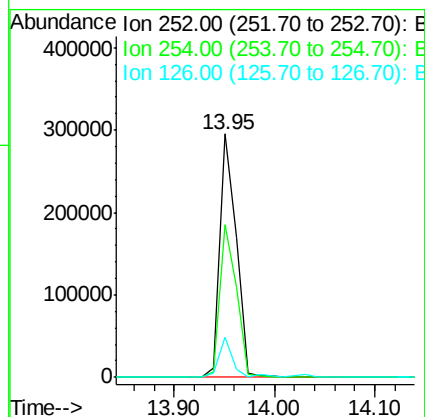
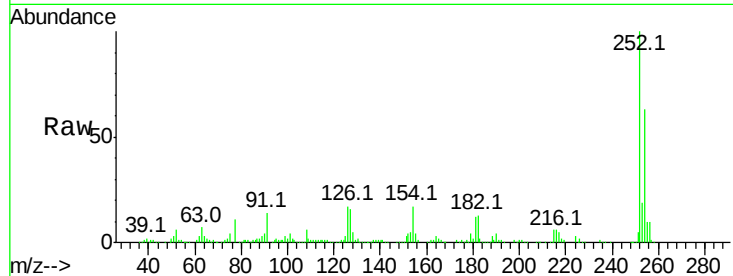
#81
 3,3'-Dichlorobenzidine
 Concen: 42.34 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	333885
Ion Ratio		Lower	Upper
252	100		
254	62.7	52.3	78.5
126	16.7	13.6	20.4

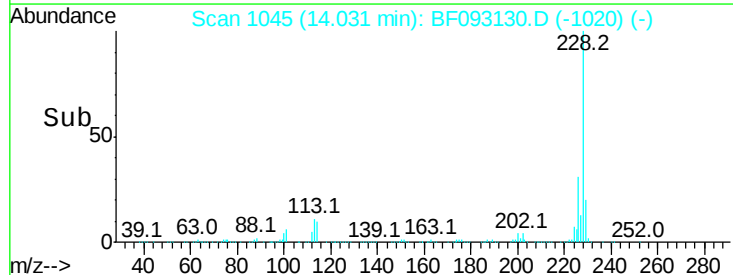
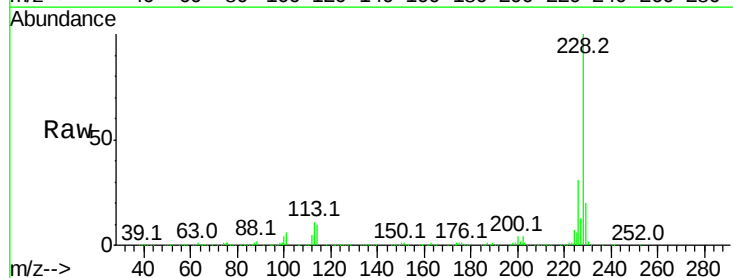
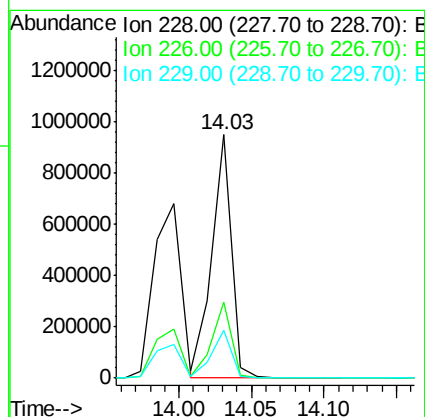
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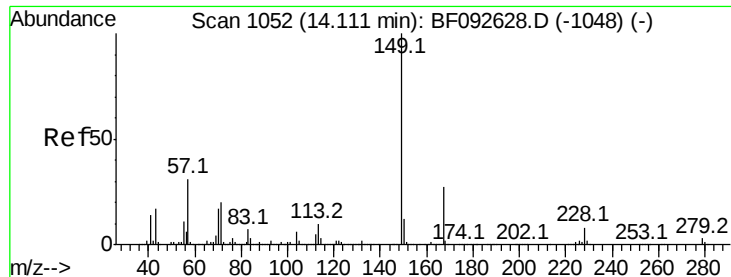
mohammad
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#82
 Chrysene
 Concen: 43.13 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion:	228	Resp:	893317
Ion Ratio		Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.5	16.2	24.2





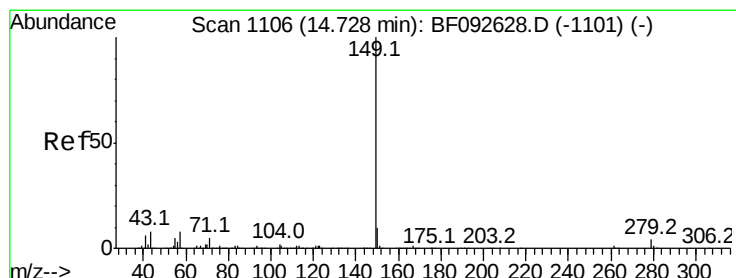
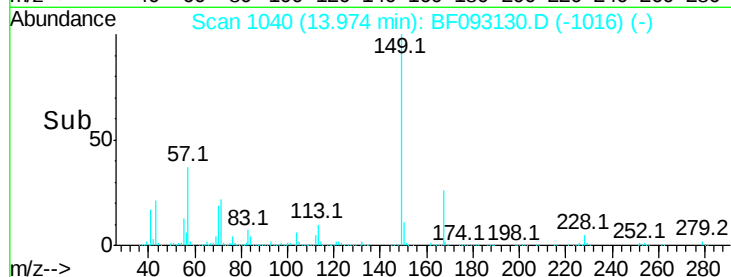
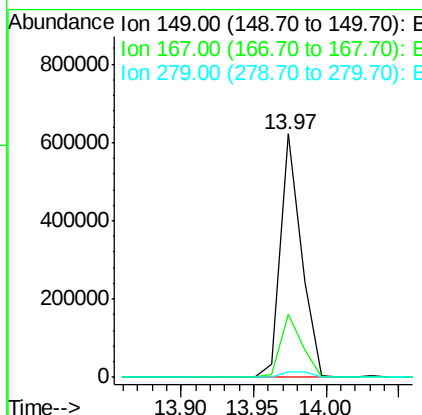
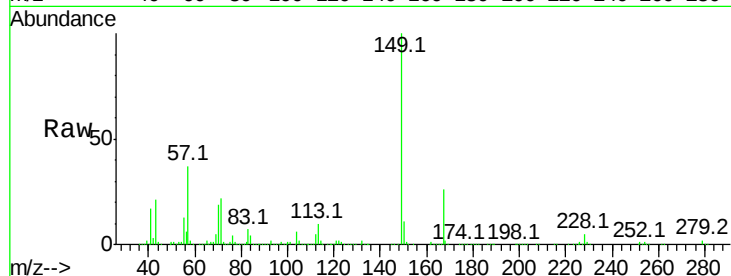
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.16 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	618668		
167	25.7	20.2	30.4	
279	2.0	1.8	2.8	

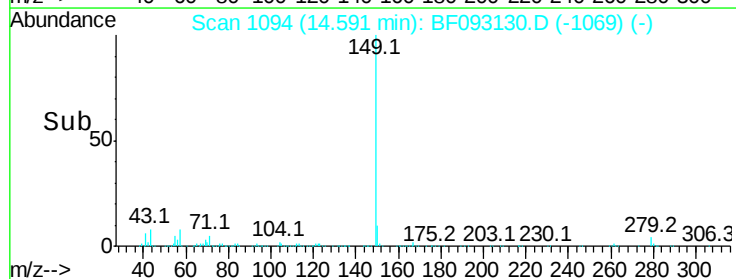
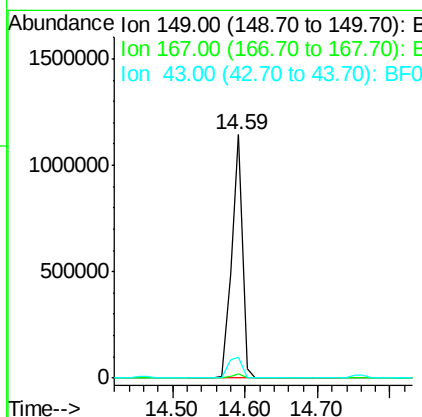
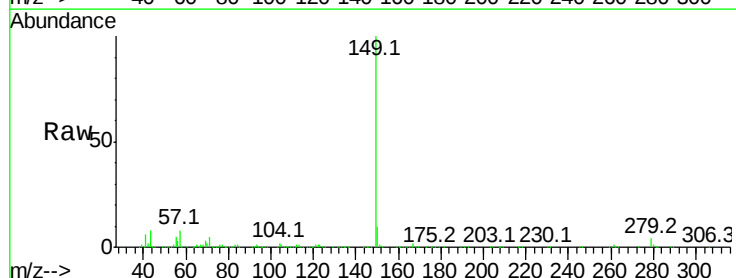
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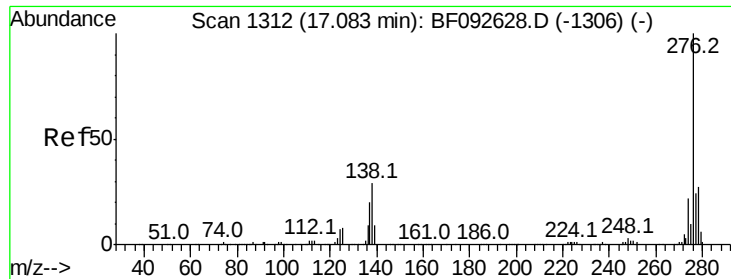
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.53 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1163331		
167	1.6	1.3	1.9	
43	11.4	8.9	13.3	





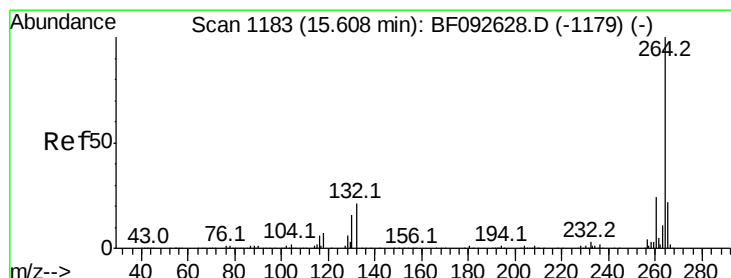
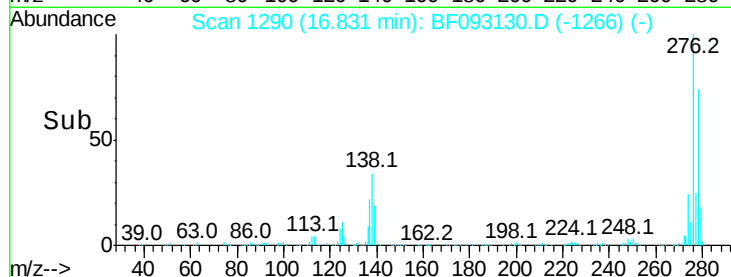
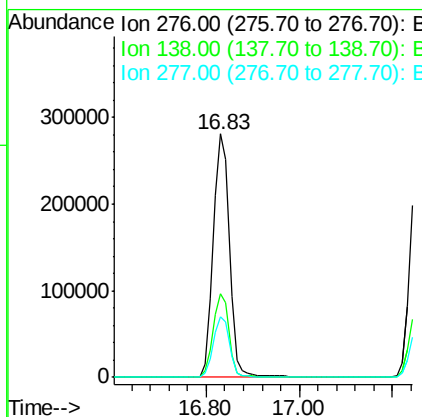
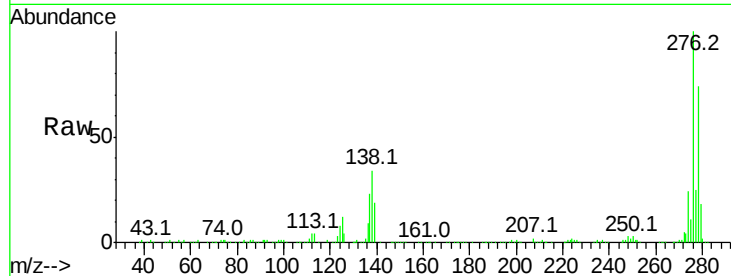
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.57 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.6
277	25.1	20.2	30.4

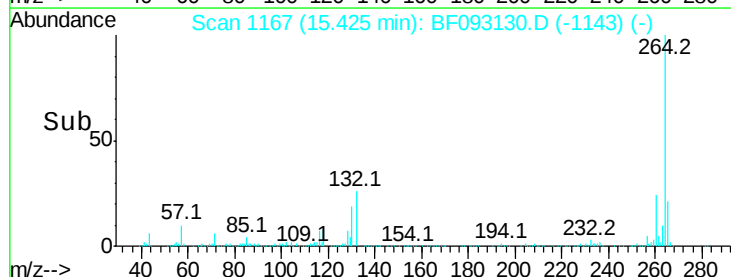
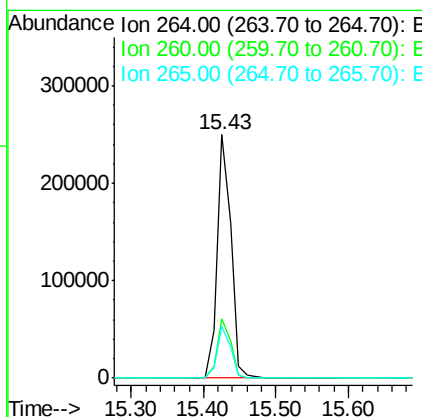
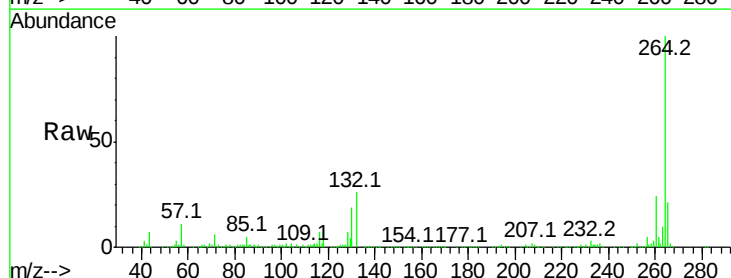
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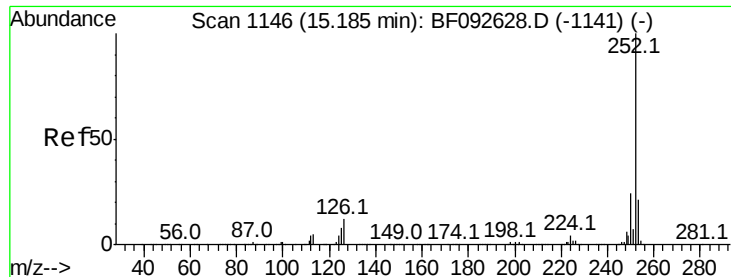
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0





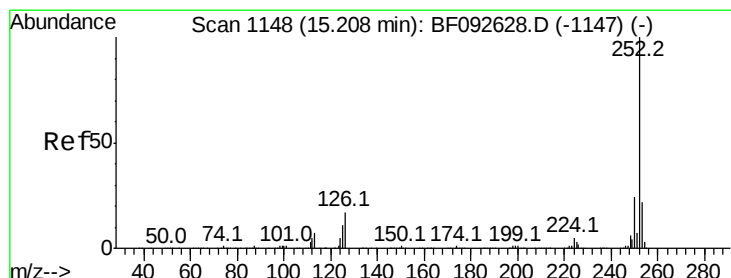
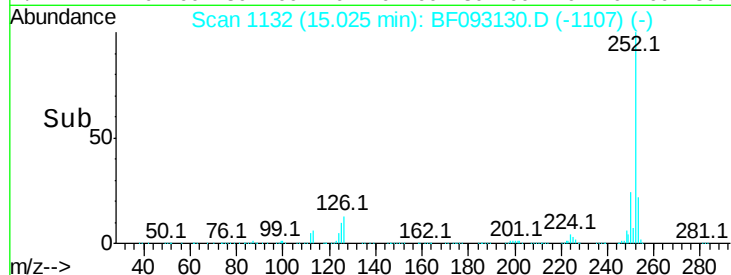
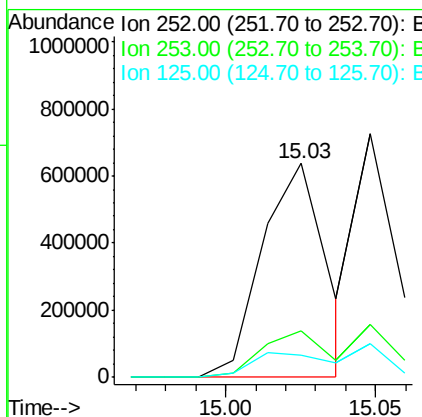
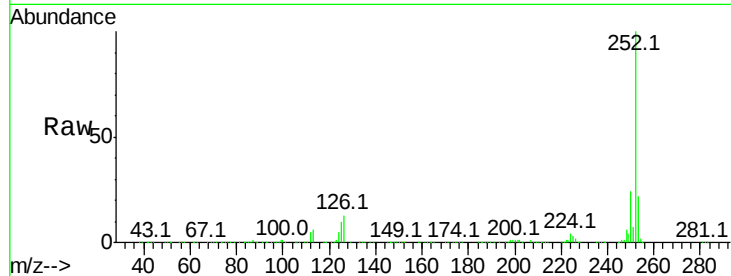
#87
Benzo(b)fluoranthene
Concen: 43.60 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	9.8	14.6

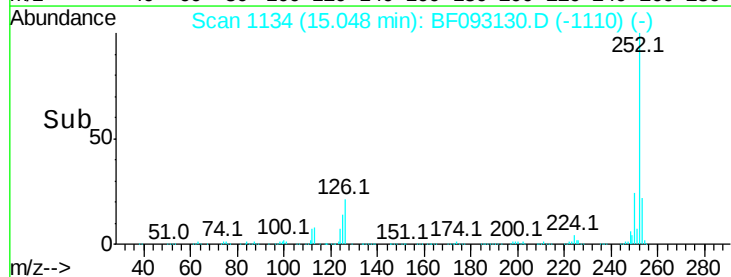
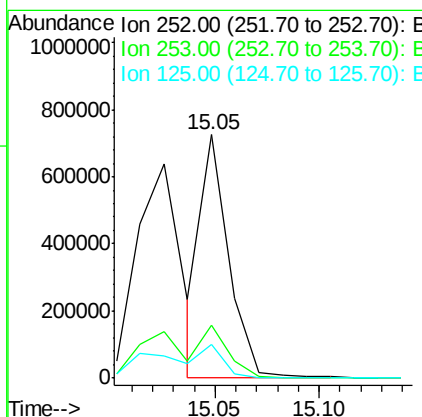
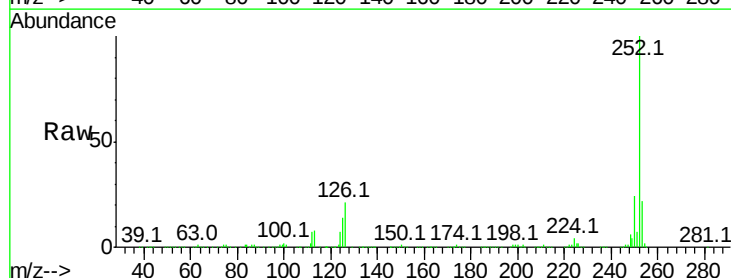
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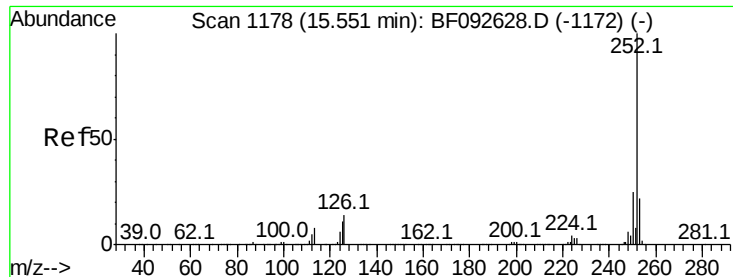
mohammad
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#88
Benzo(k)fluoranthene
Concen: 36.40 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	13.8	8.9	13.3#





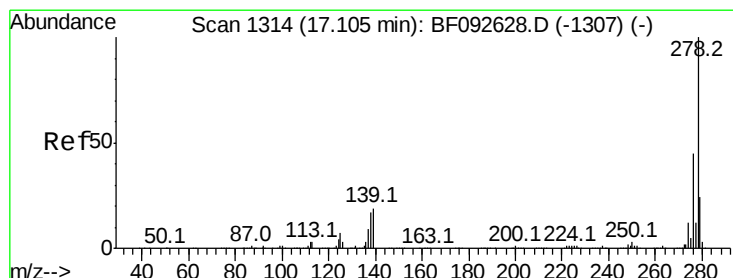
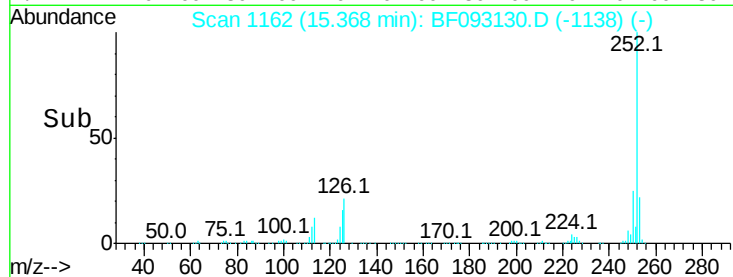
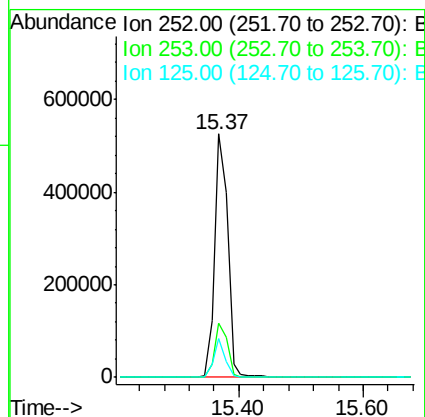
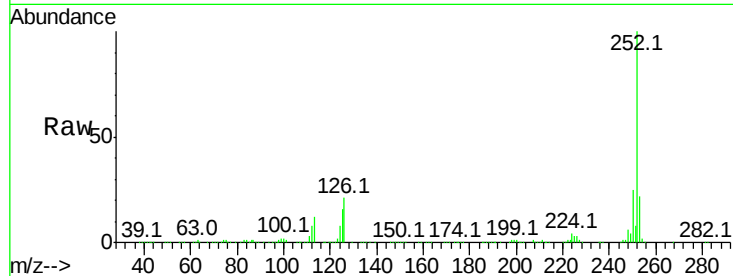
#89
Benzo(a)pyrene
Concen: 40.40 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.9	10.0	15.0

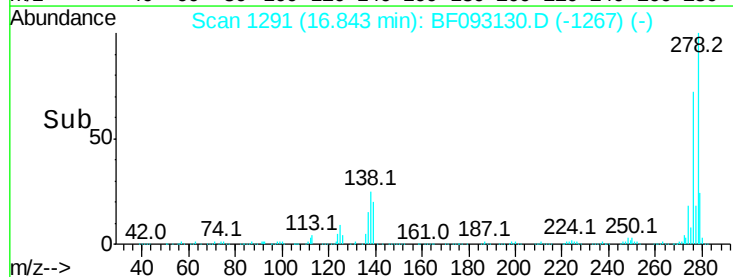
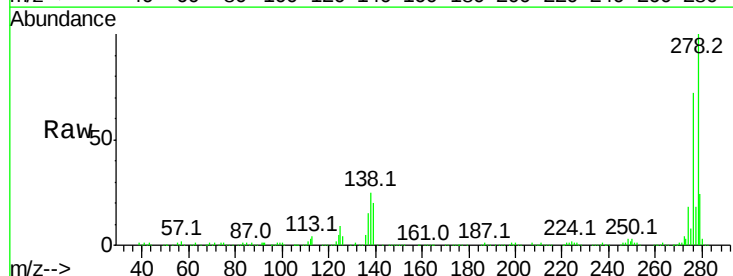
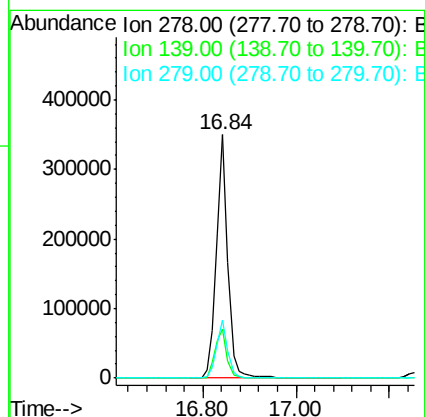
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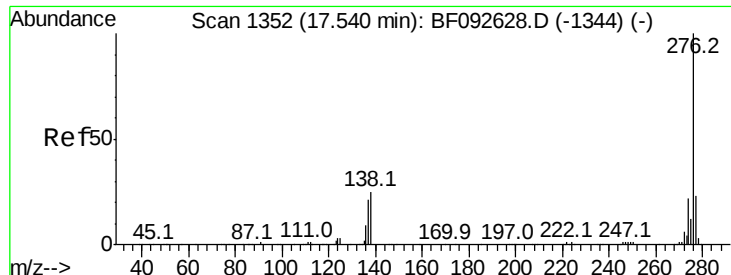
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.61 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093130.D
Acq: 24 Feb 2017 5:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.8	22.2
279	24.0	19.8	29.6





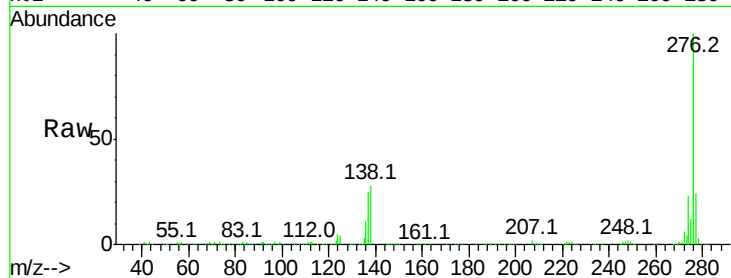
#91
 Benzo(a,h,i)perylene
 Concen: 37.31 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093130.D
 Acq: 24 Feb 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.8	19.2	28.8	
138	28.4	16.0	24.0	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

