

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093172.D
 Acq On : 25 Feb 2017 5:36
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 2/27/2017 1:08:08 PM

Quant Time: Feb 25 06:06:51 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	6.83	152	173002	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	664790	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	307982	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	401065	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	365503	20.00	ng	-0.01
86) Perylene-d12	15.44	264	333806	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	875714	86.84	ng	-0.02
7) Phenol-d6	6.48	99	1071864	82.61	ng	-0.01
23) Nitrobenzene-d5	7.41	82	961134	80.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	137939	61.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1406286	82.72	ng	-0.01
78) Terphenyl-d14	12.96	244	1102201	70.86	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	232148	42.61	ng	86
3) Pyridine	3.08	79	647431	46.73	ng	# 78
4) n-Nitrosodimethylamine	3.05	42	275466	42.34	ng	85
6) Aniline	6.50	93	718340	40.59	ng	# 71
8) 2-Chlorophenol	6.62	128	469471	42.20	ng	94
9) Benzaldehyde	6.38	77	339225	36.49	ng	99
10) Phenol	6.50	94	614079	40.45	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	525452	43.37	ng	100
12) 1,3-Dichlorobenzene	6.77	146	522915m	40.13	ng	
13) 1,4-Dichlorobenzene	6.85	146	543242	41.19	ng	96
14) 1,2-Dichlorobenzene	7.01	146	500146	39.66	ng	94
15) Benzyl Alcohol	6.99	79	377729	39.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	880749	41.84	ng	95
17) 2-Methylphenol	7.10	107	382811	40.11	ng	98
18) Hexachloroethane	7.34	117	160815	35.72	ng	# 87
19) n-Nitroso-di-n-propylamine	7.26	70	336491	40.74	ng	98
20) 3+4-Methylphenols	7.26	107	466268	40.86	ng	# 87
22) Acetophenone	7.25	105	594299	39.15	ng	97
24) Nitrobenzene	7.44	77	539450	44.01	ng	# 83
25) Isophorone	7.68	82	942447	42.37	ng	98
26) 2-Nitrophenol	7.74	139	221687	38.04	ng	94
27) 2,4-Dimethylphenol	7.79	122	372364	36.39	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	564972	38.35	ng	100
29) 2,4-Dichlorophenol	8.00	162	385845	40.43	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	406054	39.48	ng	100
31) Naphthalene	8.16	128	1329492	39.45	ng	99
32) Benzoic acid	7.93	122	207418	37.60	ng	97
33) 4-Chloroaniline	8.20	127	485451	36.73	ng	# 93
34) Hexachlorobutadiene	8.27	225	218677	38.64	ng	99
35) Caprolactam	8.59	113	112938	37.62	ng	# 39
36) 4-Chloro-3-methylphenol	8.69	107	356452	35.82	ng	97
37) 2-Methylnaphthalene	8.84	142	821702	37.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	380957	44.07	ng	98
40) Hexachlorocyclopentadiene	8.99	237	35927	9.21	ng	98

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 BNA_F
 ClientSampleId :
 SSTDC040

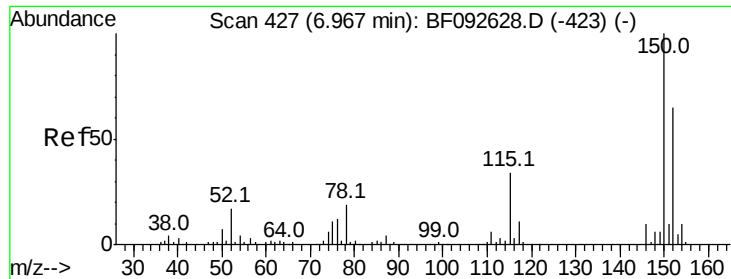
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	234533	41.29	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	237029	38.08	nq #	86
45) 1,1'-Biphenyl	9.31	154	1004923	45.06	nq	99
46) 2-Chloronaphthalene	9.33	162	769362	44.10	nq	99
47) 2-Nitroaniline	9.44	65	271069	46.21	nq	89
48) Acenaphthylene	9.74	152	1130907	37.52	nq	99
49) Dimethylphthalate	9.61	163	850236	40.99	nq	99
50) 2,6-Dinitrotoluene	9.68	165	172116	38.42	nq #	81
51) Acenaphthene	9.92	154	611361	33.93	nq	96
52) 3-Nitroaniline	9.85	138	214356	41.81	nq	94
53) 2,4-Dinitrophenol	9.96	184	15108	10.97	nq #	81
54) Dibenzofuran	10.09	168	819478	34.00	nq	96
55) 4-Nitrophenol	10.02	139	115869	31.38	nq	85
56) 2,4-Dinitrotoluene	10.09	165	198800	33.33	nq	85
57) Fluorene	10.43	166	673087	36.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	156524	37.70	nq	96
59) Diethylphthalate	10.30	149	746911	38.21	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	315608	35.43	nq	97
61) 4-Nitroaniline	10.46	138	195194	37.17	nq #	77
62) Azobenzene	10.58	77	748710	37.07	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	27123	13.16	nq #	8
65) n-Nitrosodiphenylamine	10.54	169	608836	47.52	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	179793	42.91	nq	98
67) Hexachlorobenzene	10.98	284	165360	39.93	nq #	89
68) Atrazine	11.07	200	150647	36.64	nq	98
69) Pentachlorophenol	11.17	266	78876	40.78	nq	95
70) Phenanthrene	11.39	178	855043	37.21	nq	98
71) Anthracene	11.45	178	948745	41.12	nq	97
72) Carbazole	11.61	167	886343	40.18	nq	97
73) Di-n-butylphthalate	11.93	149	1001618	41.99	nq #	98
74) Fluoranthene	12.58	202	856711	36.15	nq	98
76) Benzidine	12.71	184	529286	33.98	nq	98
77) Pyrene	12.81	202	878289	32.11	nq	99
79) Butylbenzylphthalate	13.43	149	408096	36.74	nq	93
80) Benzo(a)anthracene	14.00	228	846713	37.88	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	339321	42.58	nq #	97
82) Chrysene	14.03	228	759207	36.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	581989	38.31	nq #	97
84) Di-n-octyl phthalate	14.59	149	1032470	41.74	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	671558	41.42	nq #	93
87) Benzo(b)fluoranthene	15.03	252	791252m	36.01	nq	
88) Benzo(k)fluoranthene	15.06	252	836984m	44.12	nq	
89) Benzo(a)pyrene	15.38	252	749890	39.46	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	589608	38.39	nq #	94
91) Benzo(g,h,i)perylene	17.28	276	566305	36.50	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 173002

Ion Ratio Lower Upper

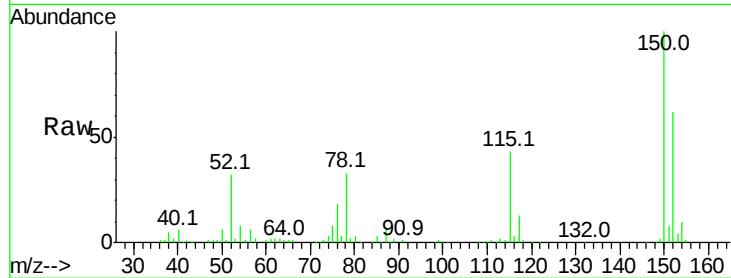
152 100

150 162.1 124.9 187.3

115 69.1 46.0 69.0#

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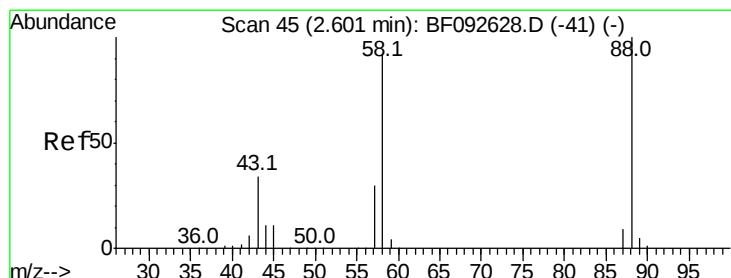
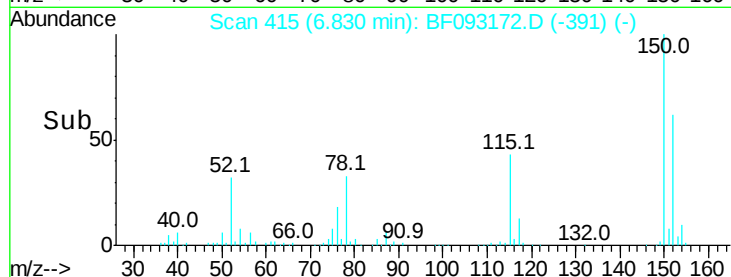
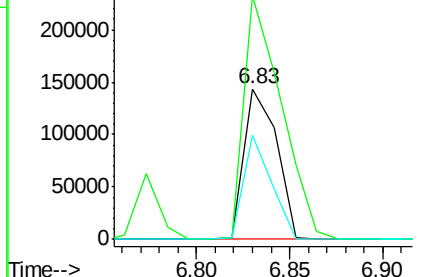
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.61 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.06 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

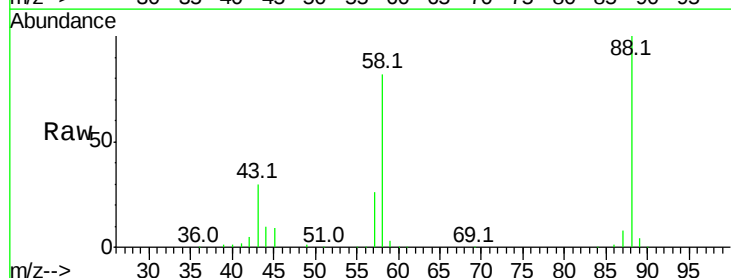
Tgt Ion: 88 Resp: 232148

Ion Ratio Lower Upper

88 100

58 86.5 57.8 86.8

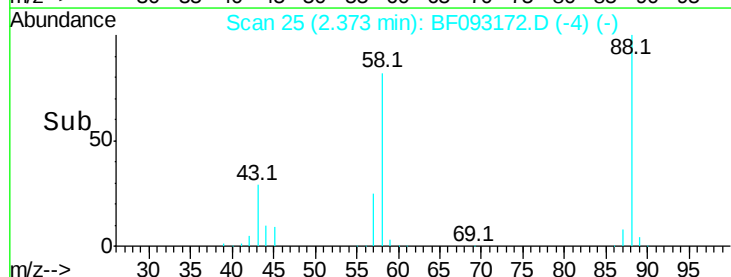
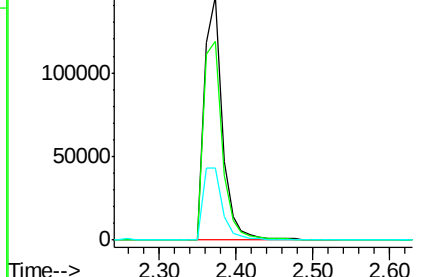
43 31.8 22.3 33.5

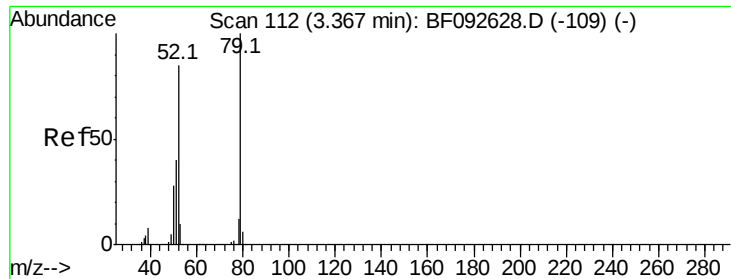


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.73 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.07 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

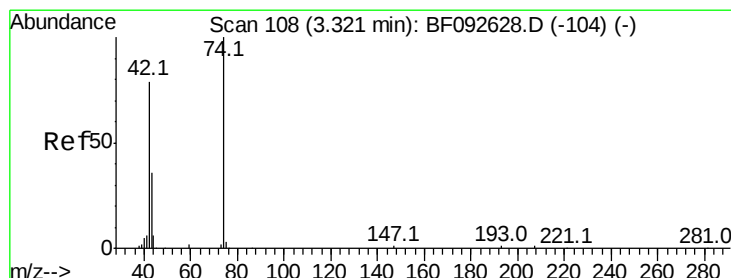
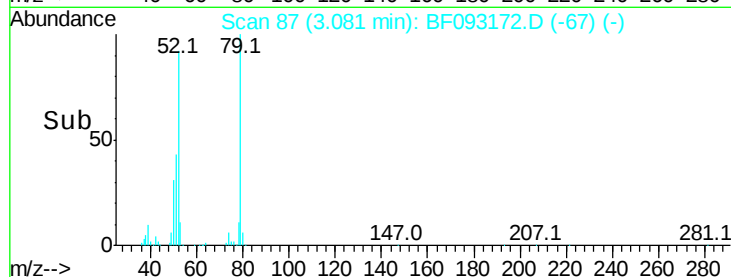
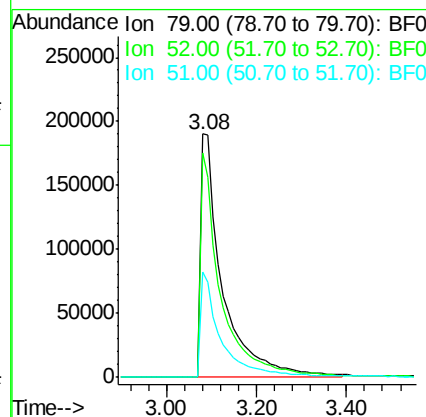
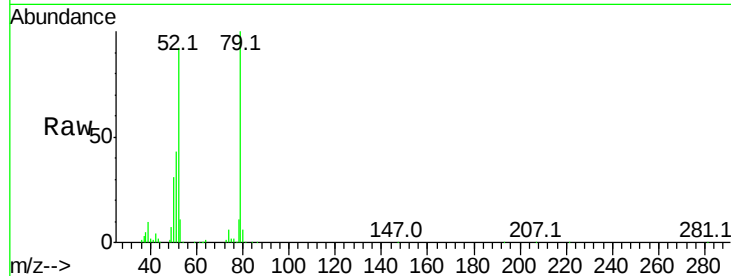
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	647431
Ion Ratio	Lower	Upper	
79	100		
52	92.1	57.1	85.7#
51	43.3	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 42.34 ng

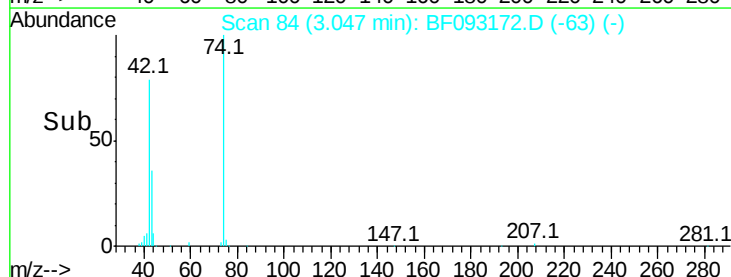
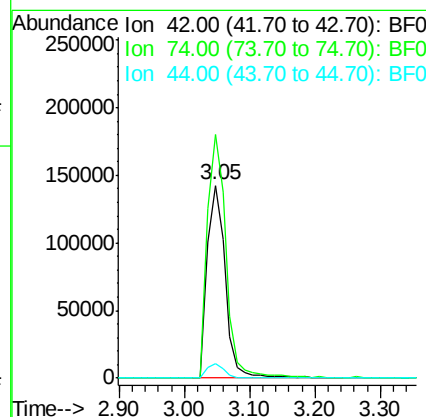
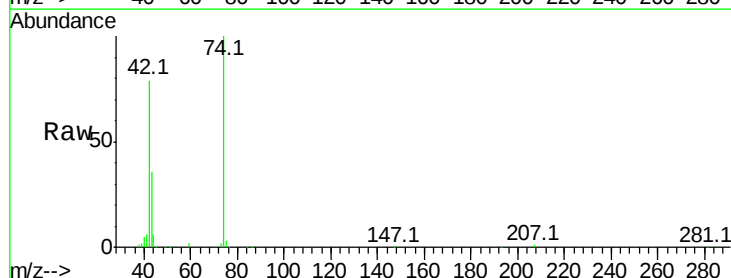
RT: 3.05 min Scan# 84

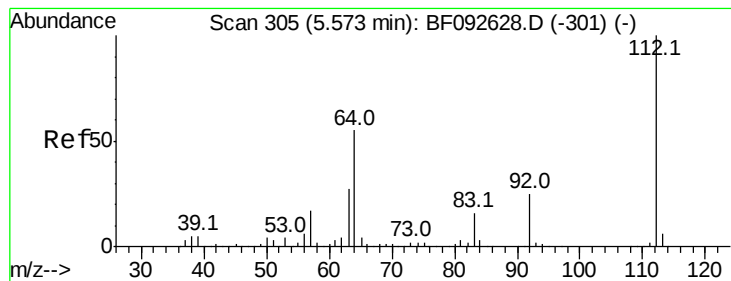
Delta R.T. -0.06 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:	42	Resp:	275466
Ion Ratio	Lower	Upper	
42	100		
74	126.5	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 86.84 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

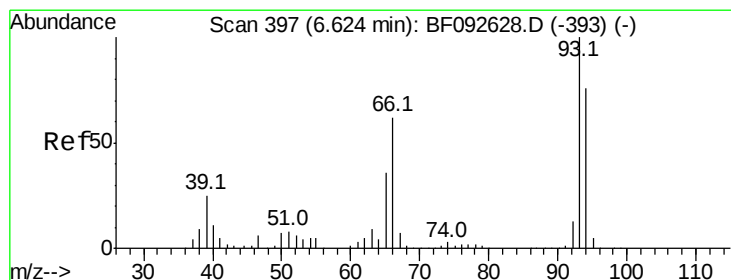
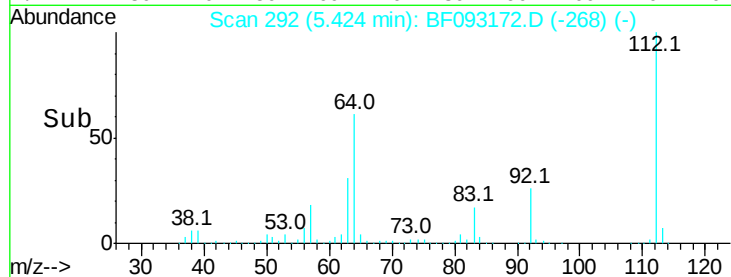
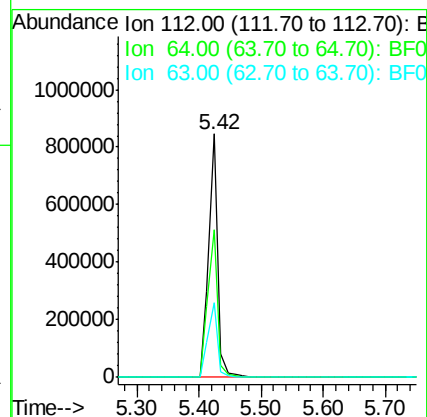
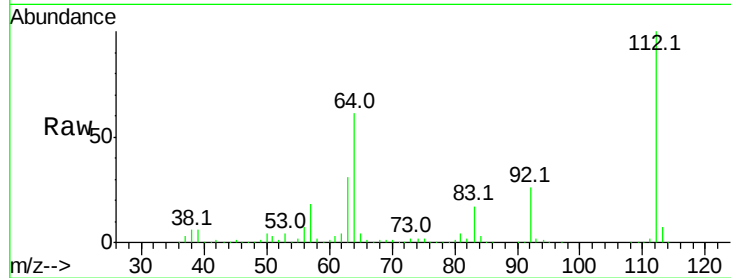
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	875714
Ion Ratio	Lower	Upper	
112	100		
64	60.7	46.1	69.1
63	30.7	23.8	35.6

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#6

Aniline

Concen: 40.59 ng

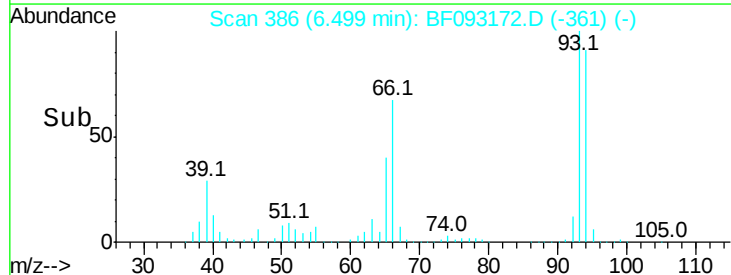
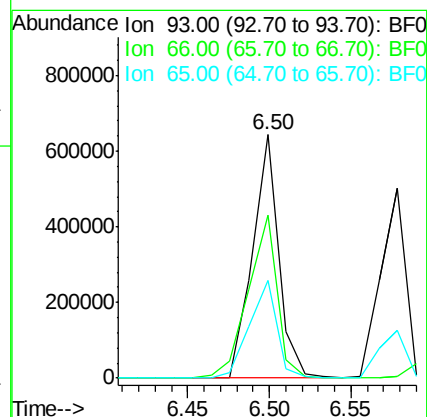
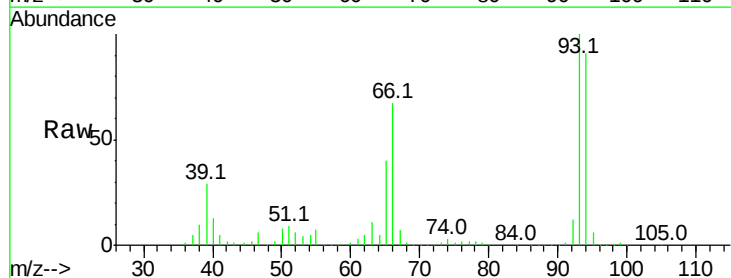
RT: 6.50 min Scan# 386

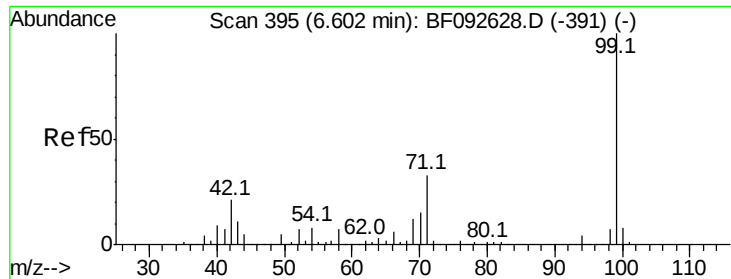
Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:	93	Resp:	718340
Ion Ratio	Lower	Upper	
93	100		
66	66.8	76.2	114.2#
65	40.0	49.3	73.9#





#7

Phenol-d6

Concen: 82.61 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1071864

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

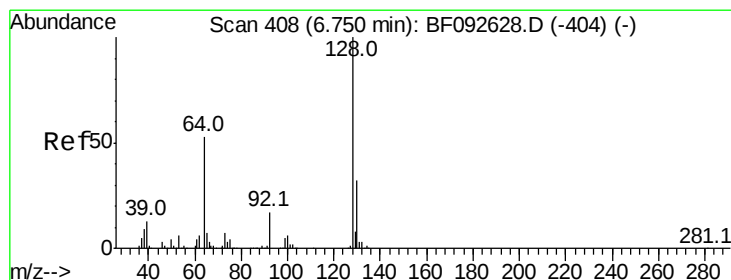
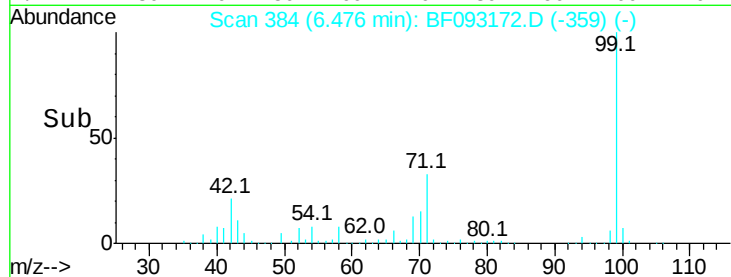
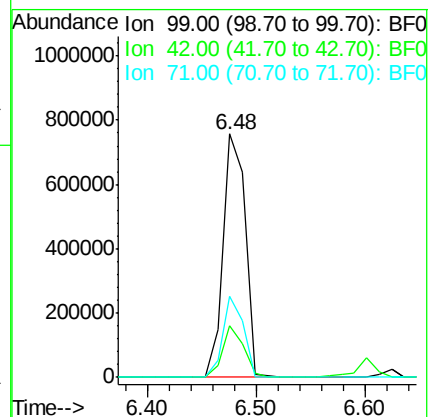
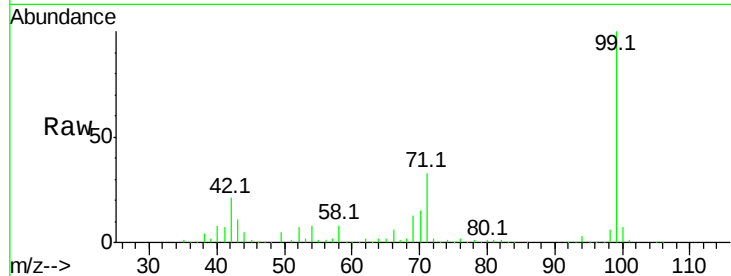
71 33.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 42.20 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

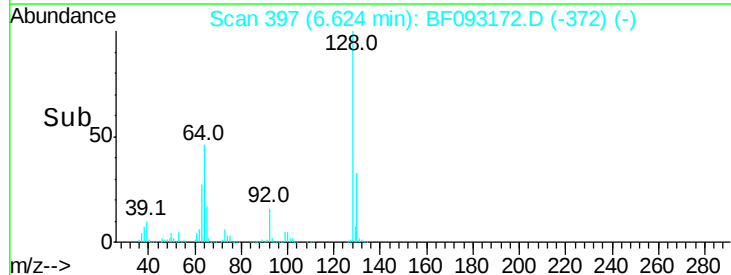
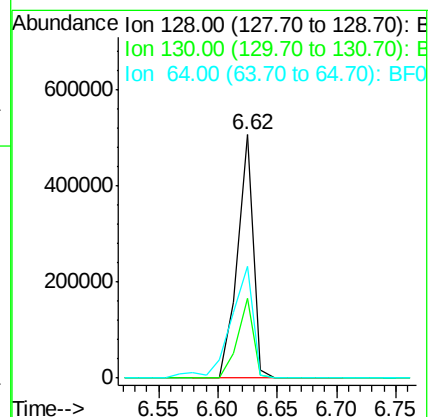
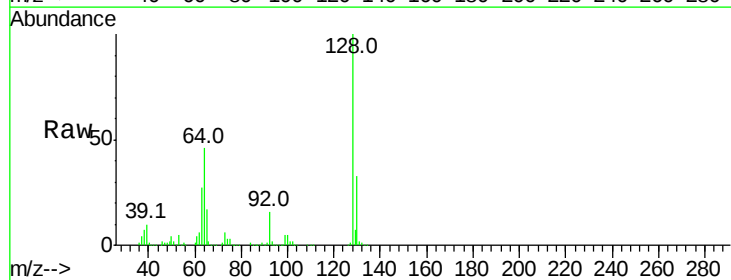
Tgt Ion: 128 Resp: 469471

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 46.1 32.2 72.2





#9

Benzaldehyde

Concen: 36.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

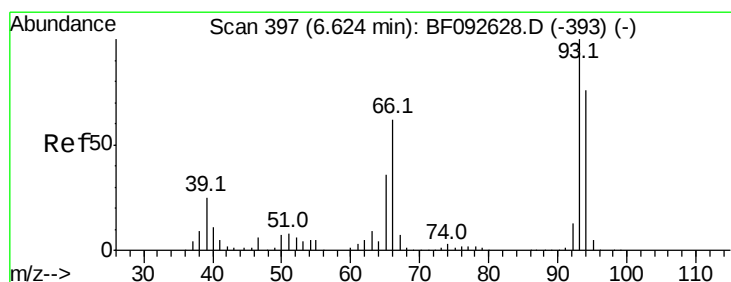
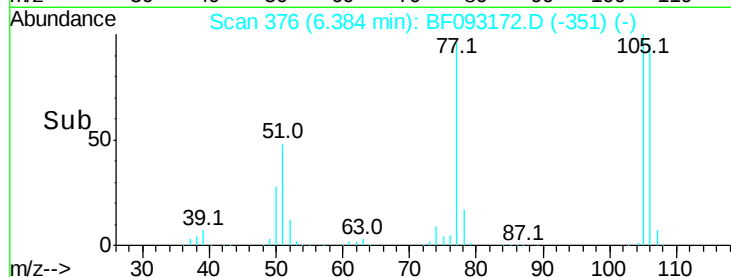
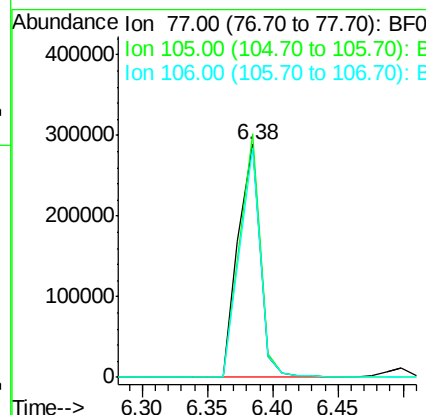
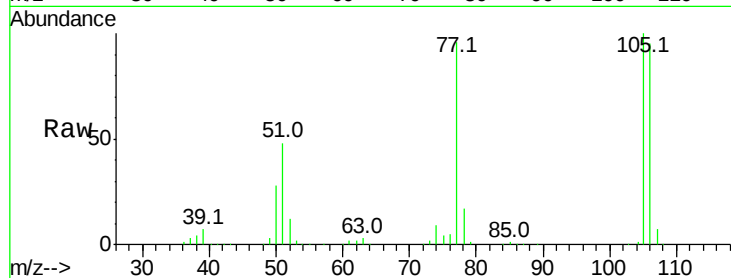
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.5	83.9	123.9
106	98.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 40.45 ng

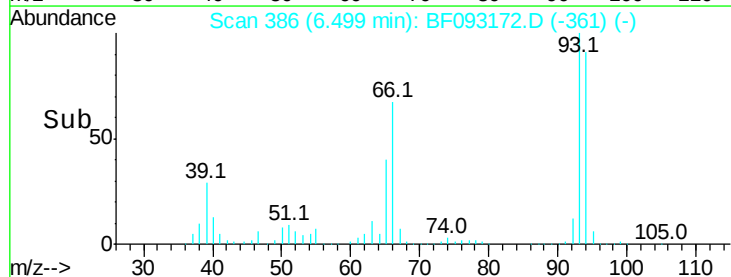
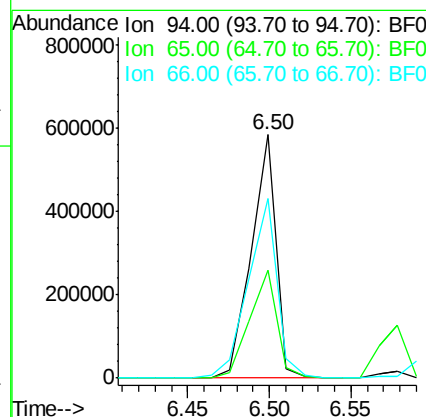
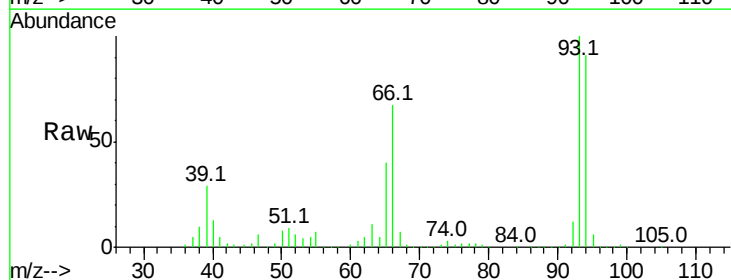
RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.2	21.4	61.4
66	73.8	44.0	84.0





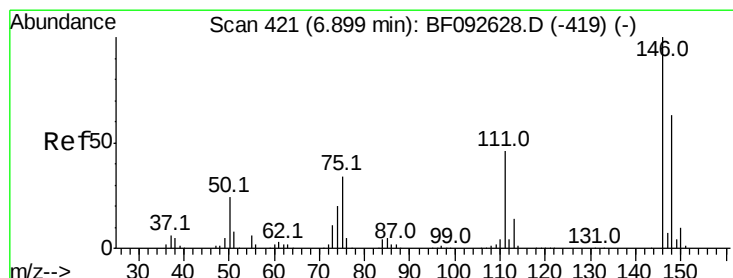
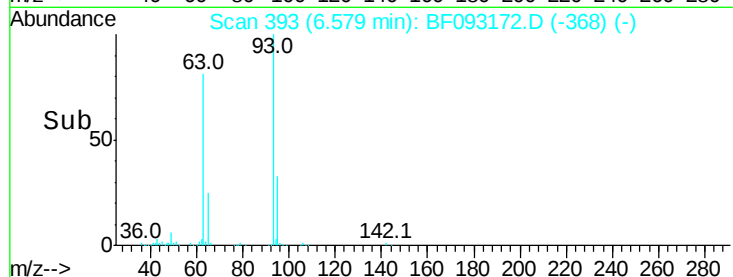
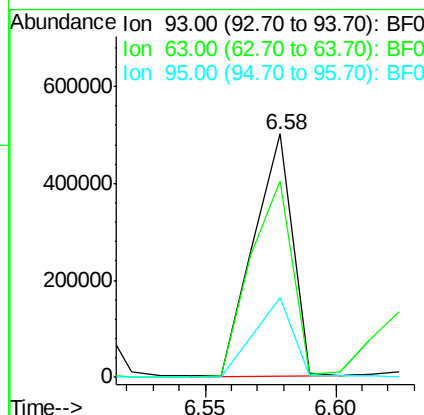
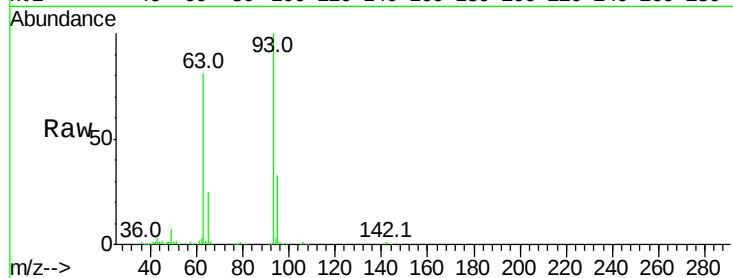
#11
bis(2-Chloroethyl)ether
Concen: 43.37 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	60.4	100.4
95	33.0	12.8	52.8

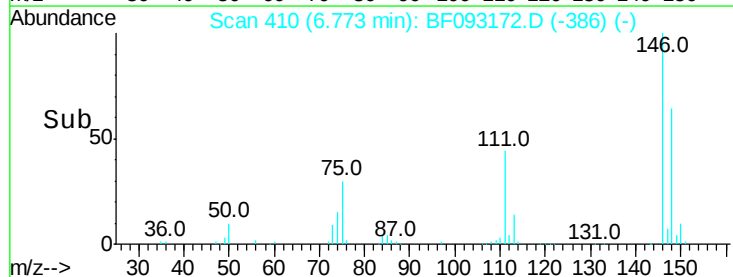
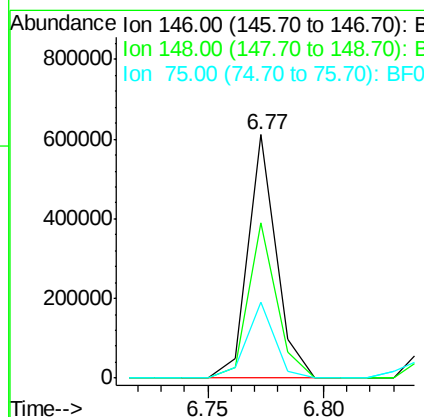
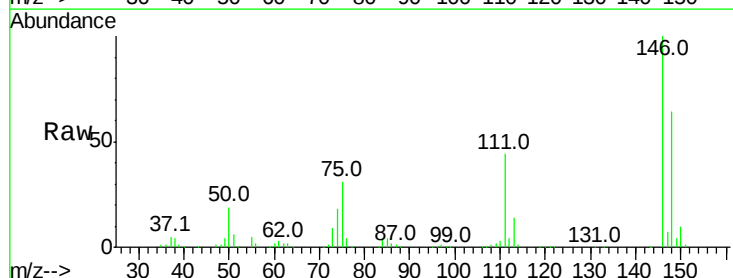
Manual Integrations
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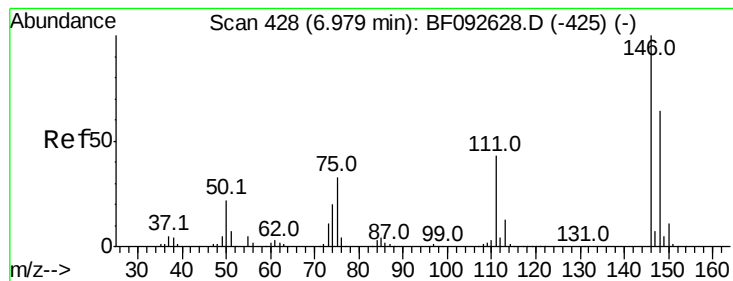
mohammad
2/27/2017 1:08:08 PM



#12
1,3-Dichlorobenzene
Concen: 40.13 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.0
75	31.1	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.19 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

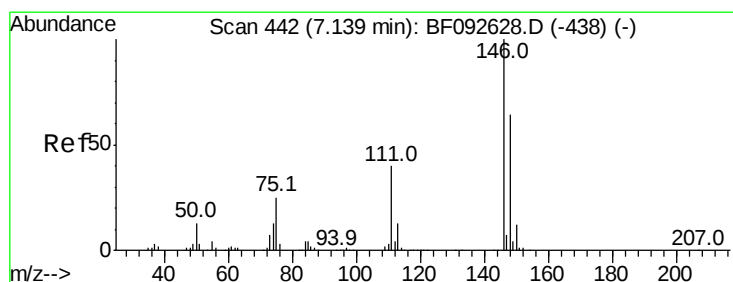
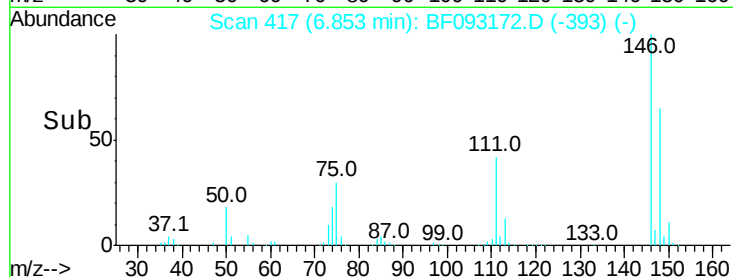
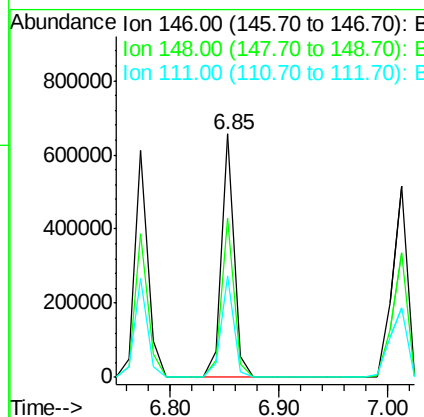
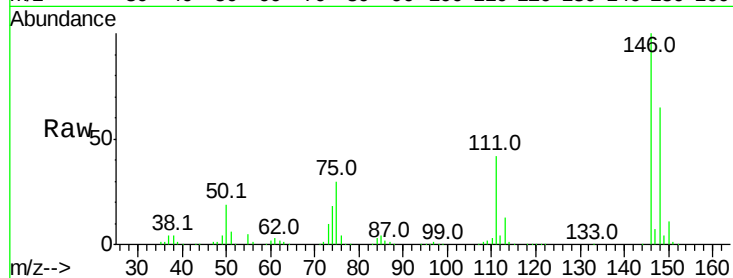
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
111	41.8	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.66 ng

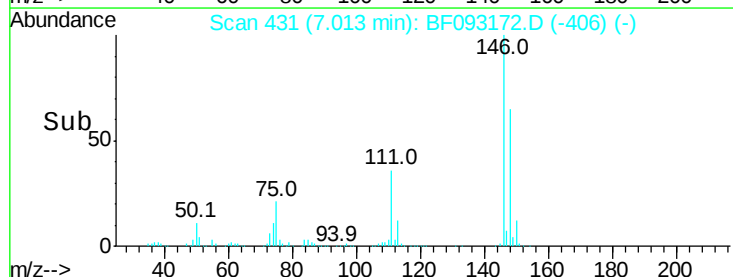
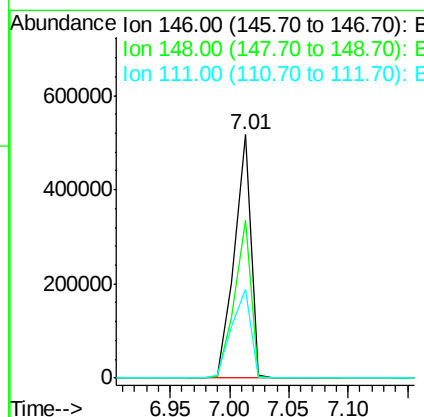
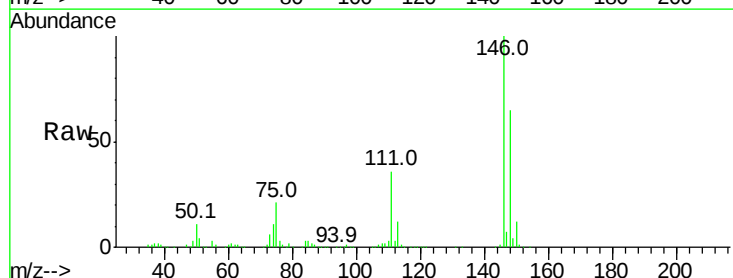
RT: 7.01 min Scan# 431

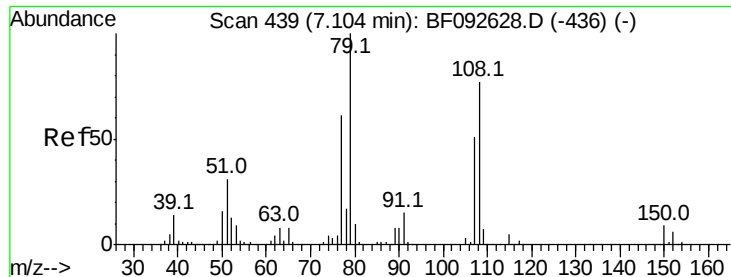
Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	36.4	36.2	54.2





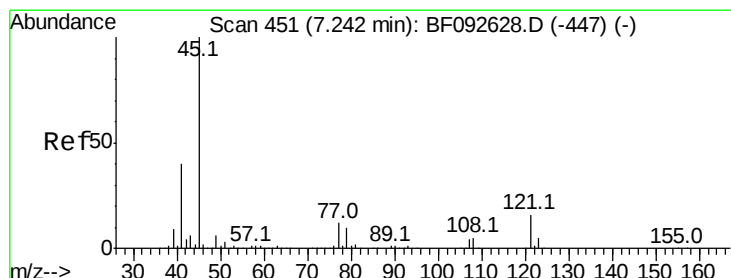
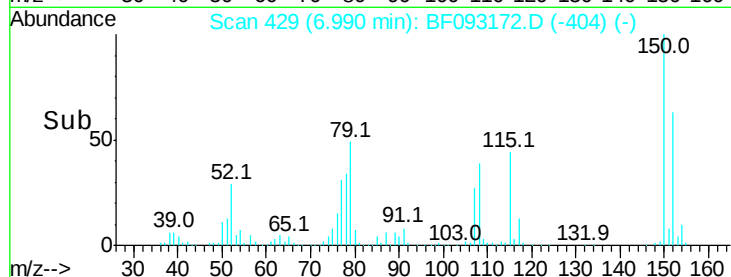
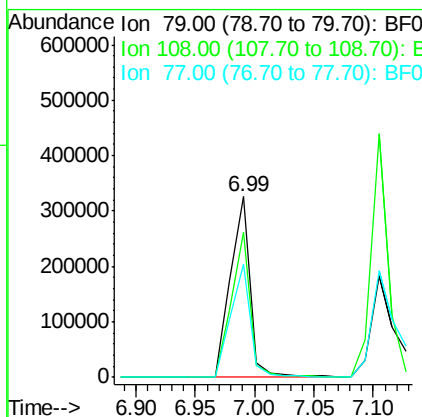
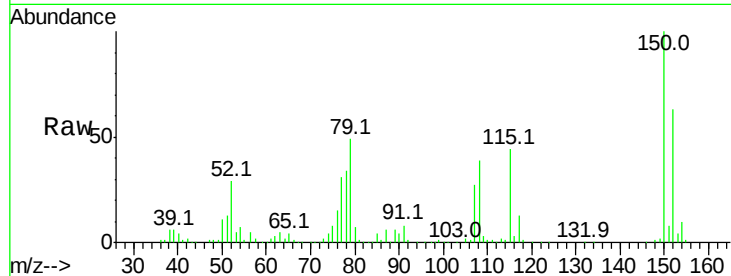
#15
Benzyl Alcohol
Concen: 39.32 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	61.4	92.0
77	62.4	50.9	76.3

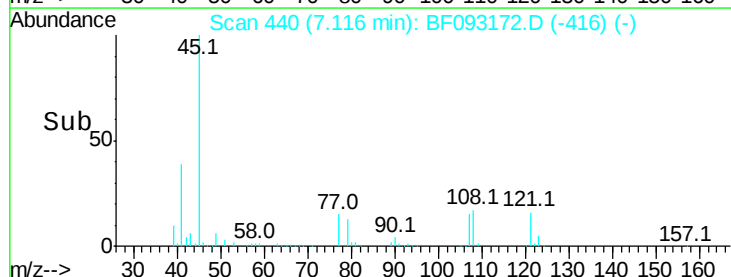
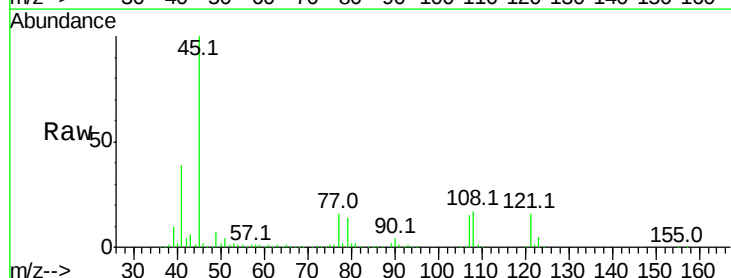
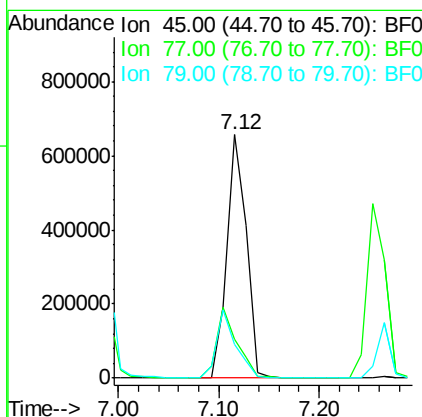
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.84 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.6
79	13.8	0.0	31.2





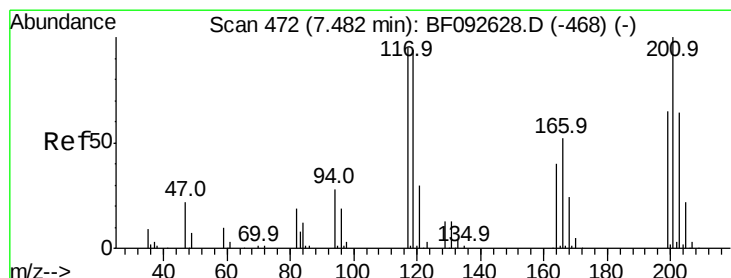
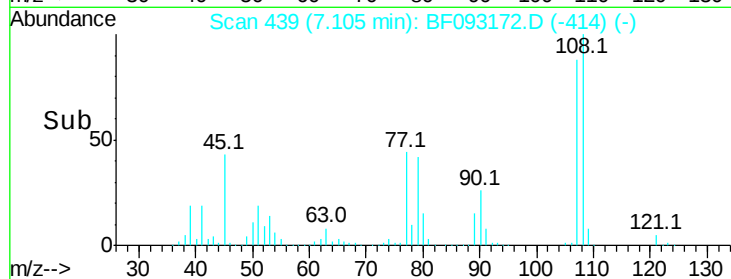
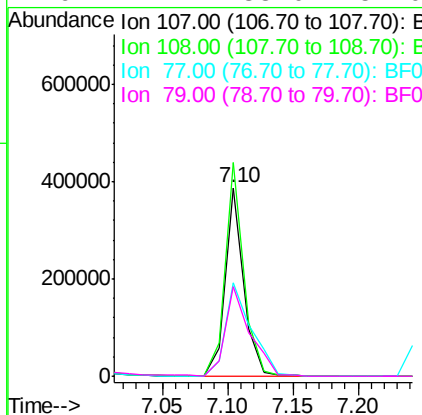
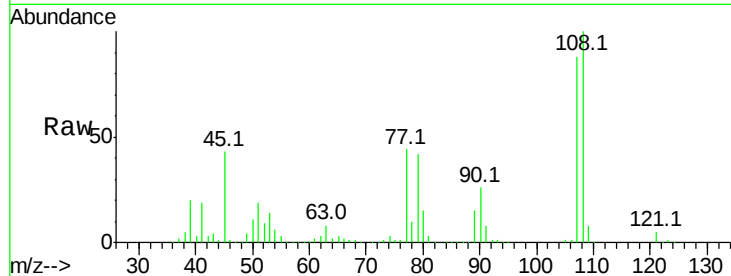
#17
2-Methylphenol
Concen: 40.11 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.0	139.6
77	49.4	39.8	59.8
79	47.4	38.0	57.0

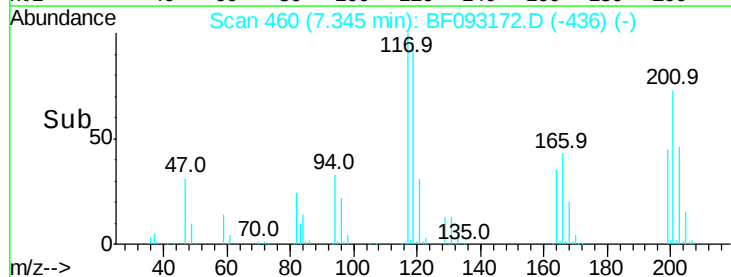
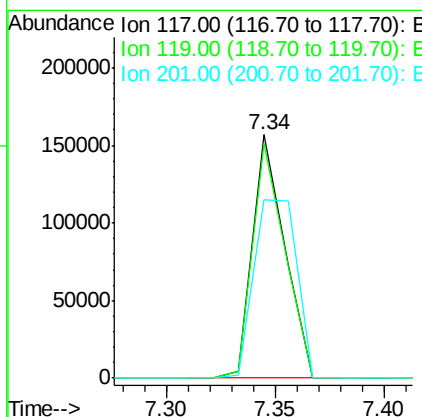
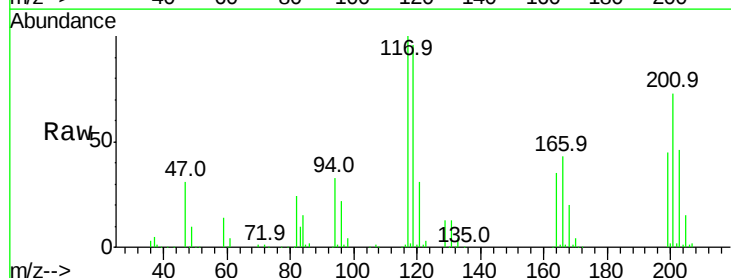
Manual Integrations
APPROVED

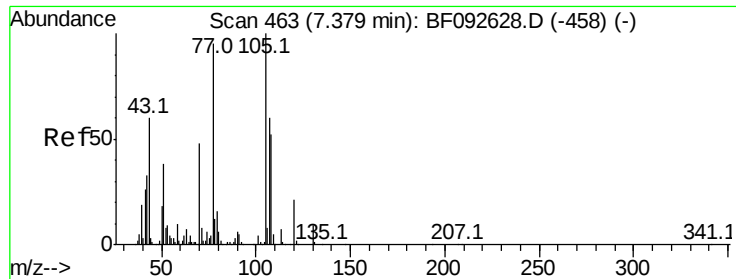
mohammad
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#18
Hexachloroethane
Concen: 35.72 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
201	73.3	78.6	117.8#





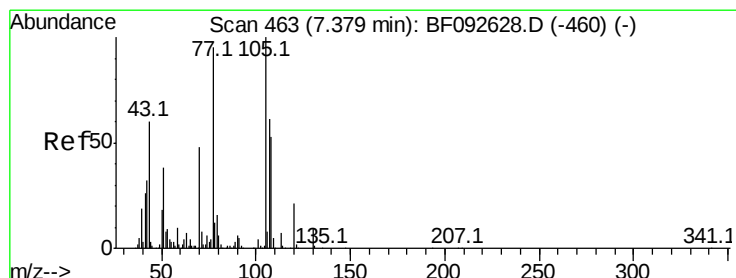
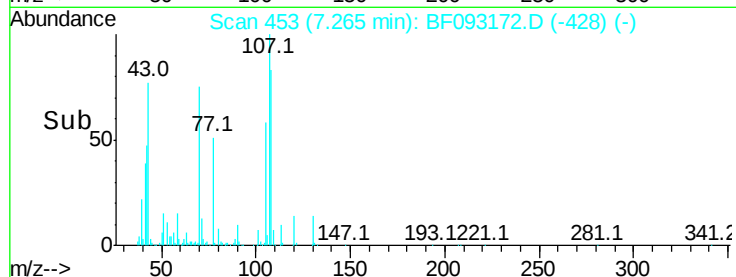
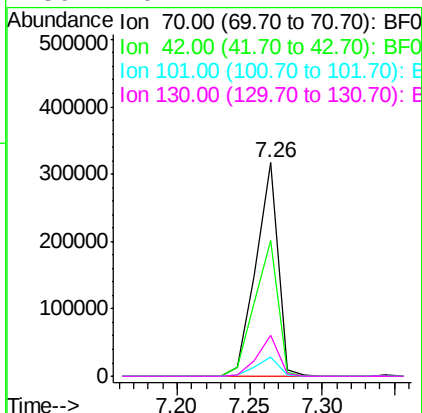
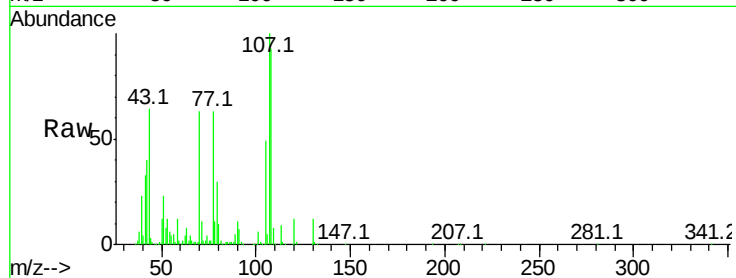
#19
n-Nitroso-di-n-propylamine
Concen: 40.74 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	49.4	74.0
101	9.1	7.4	11.2
130	19.1	14.2	21.4

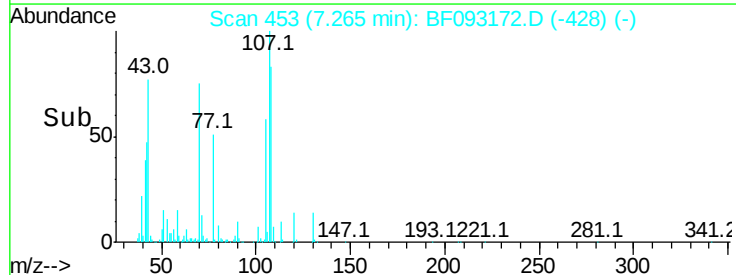
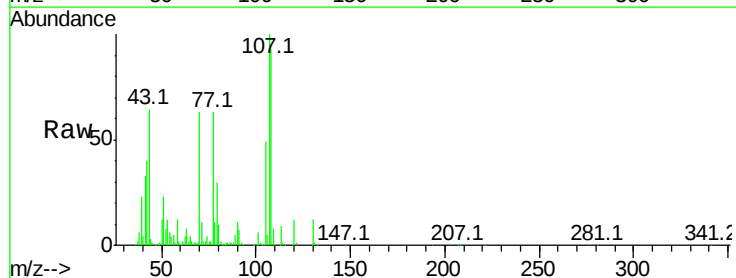
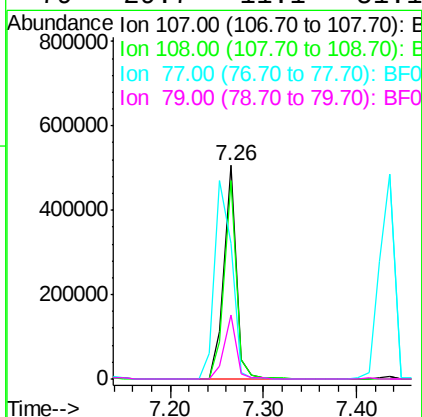
Manual Integrations
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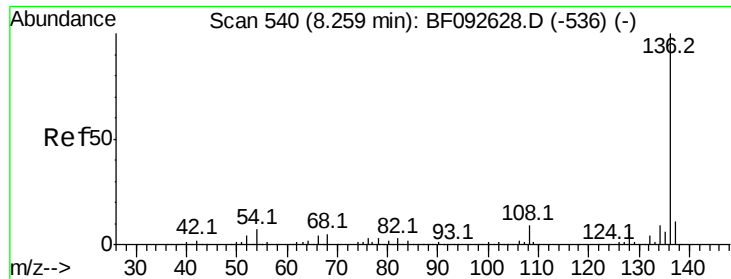
mohammad
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#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	73.0	113.0
77	63.3	71.3	111.3#
79	29.7	11.1	51.1





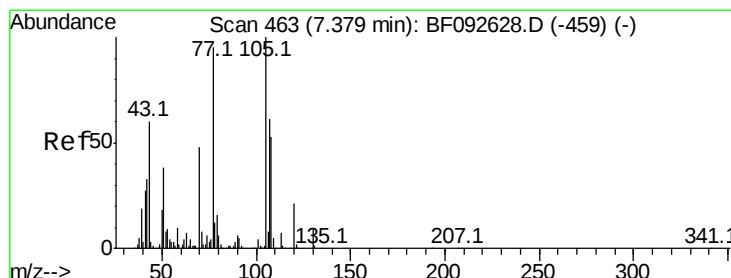
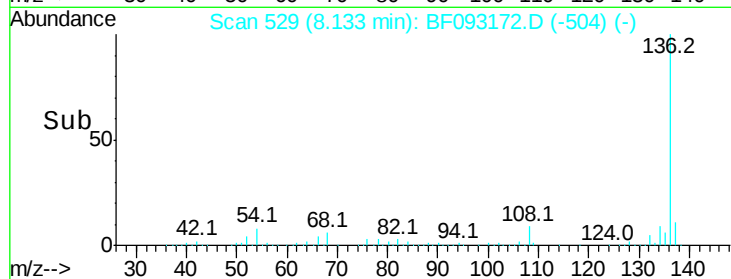
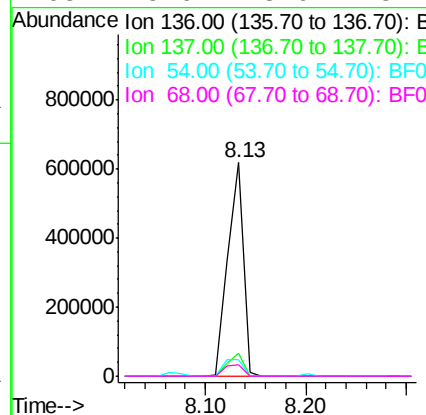
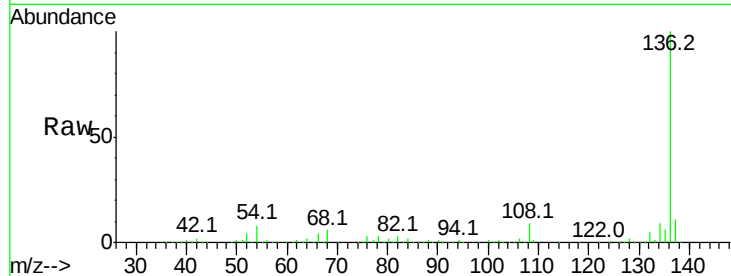
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	664790		
137	10.6	8.4	12.6	
54	7.7	4.5	6.7#	
68	5.6	3.6	5.4#	

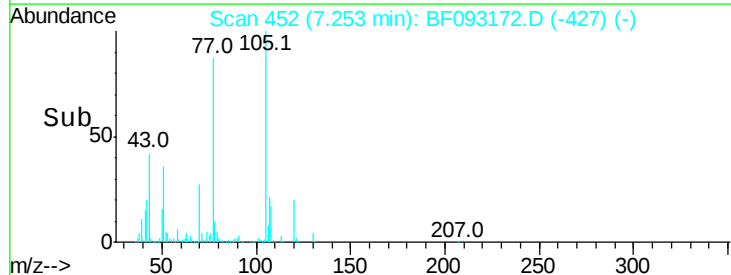
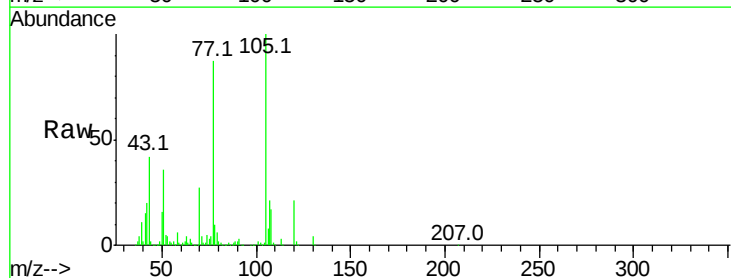
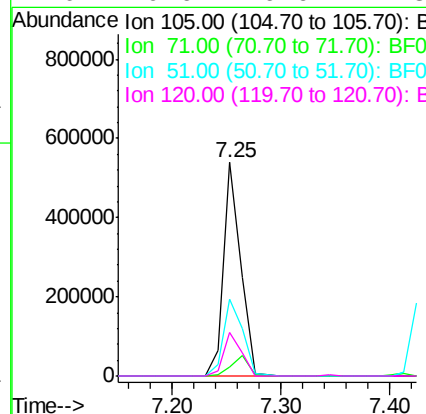
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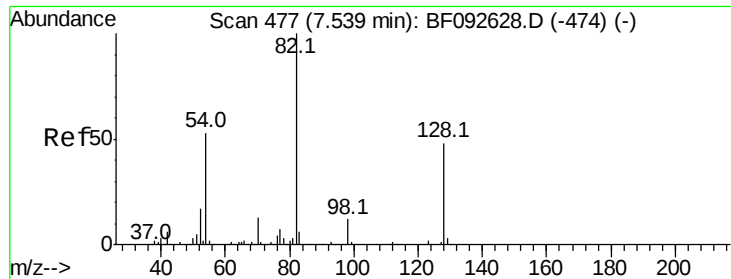
mohammad
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#22
Acetophenone
Concen: 39.15 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594299		
71	4.4	3.2	4.8	
51	35.9	26.2	39.4	
120	20.6	16.6	24.8	





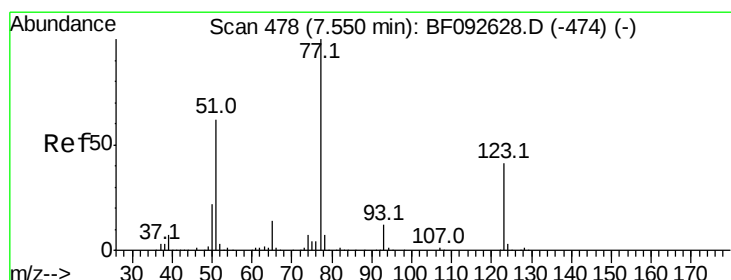
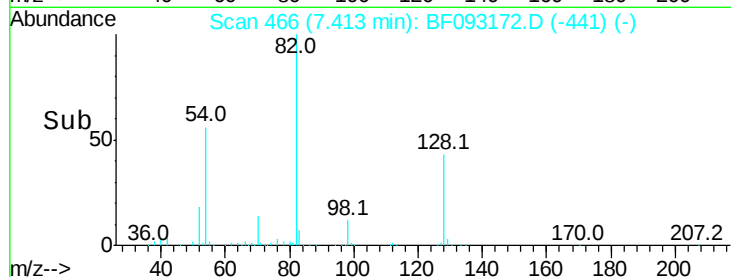
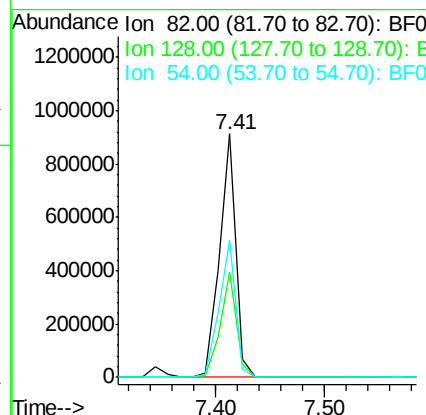
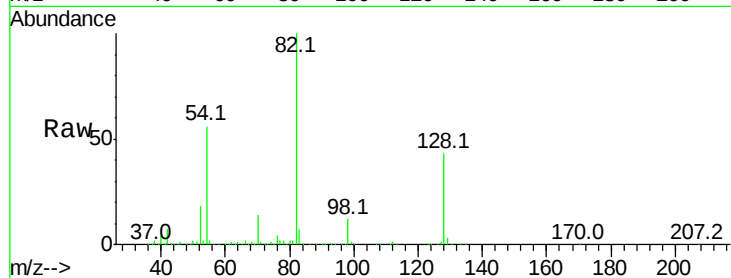
#23
 Nitrobenzene-d5
 Concen: 80.51 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	56.4	39.5	59.3

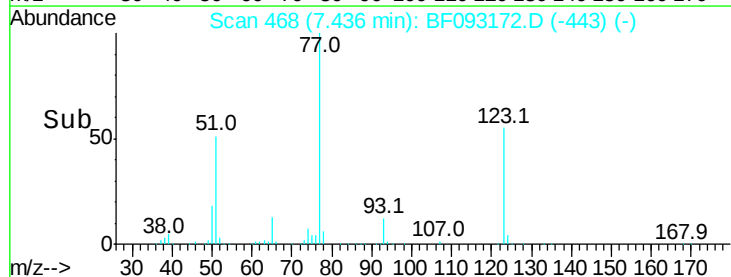
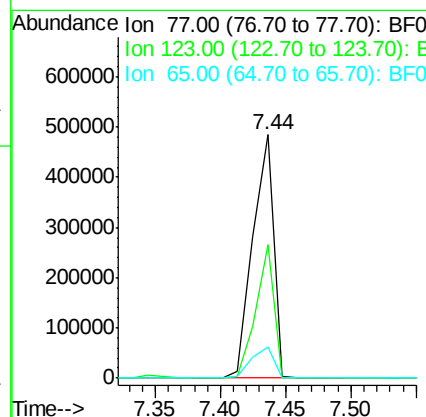
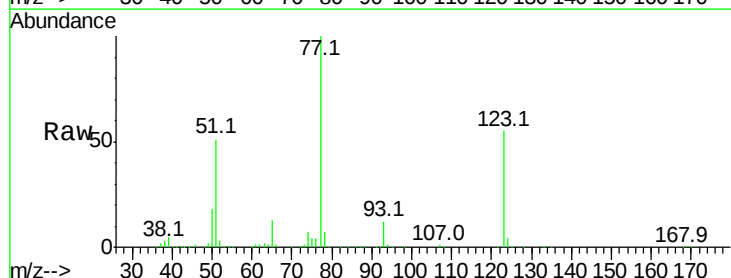
Manual Integrations
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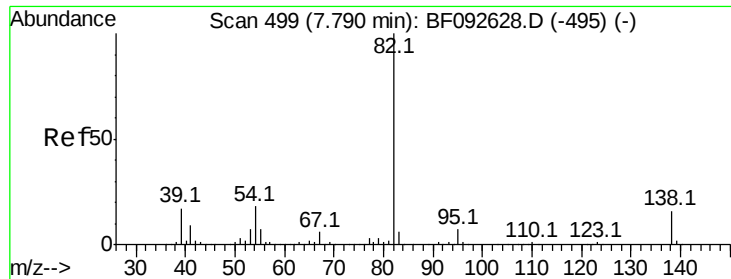
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#24
 Nitrobenzene
 Concen: 44.01 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.8	33.0	49.4#
65	12.9	11.2	16.8





#25

Isophorone

Concen: 42.37 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

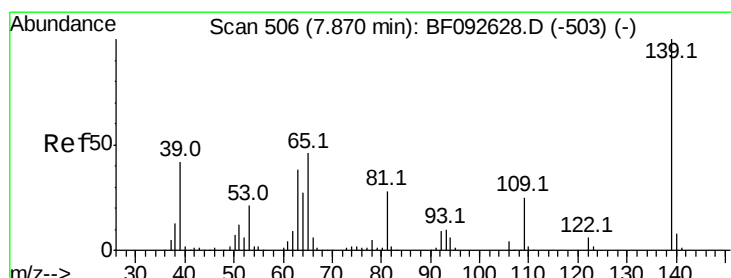
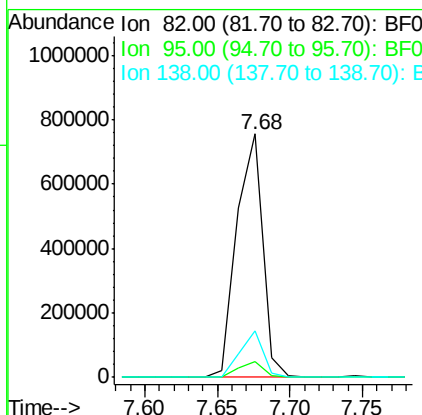
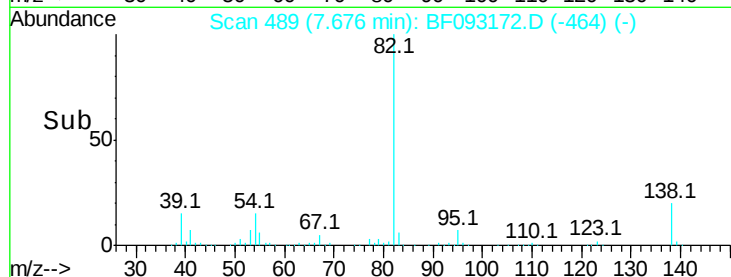
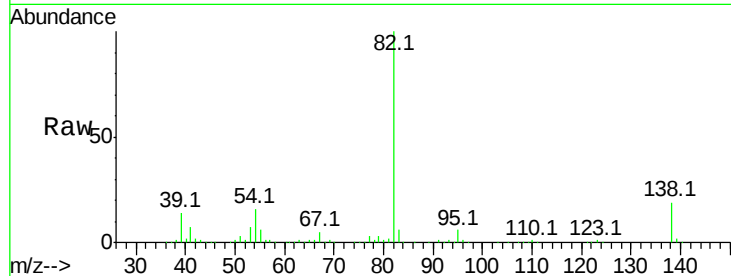
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	942447
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	19.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.04 ng

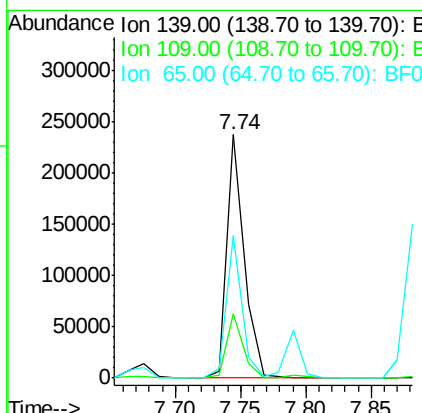
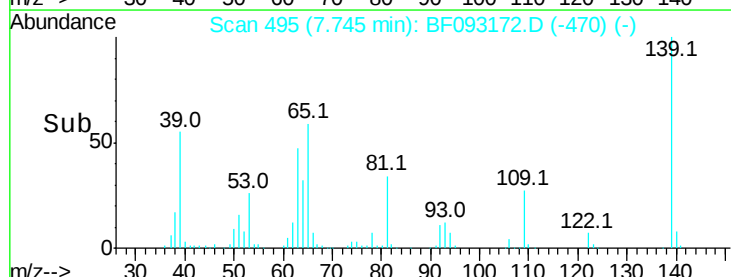
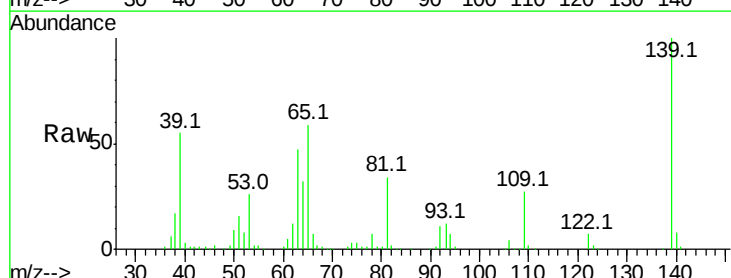
RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:	139	Resp:	221687
Ion Ratio	Lower	Upper	
139	100		
109	26.7	23.3	34.9
65	58.6	42.7	64.1





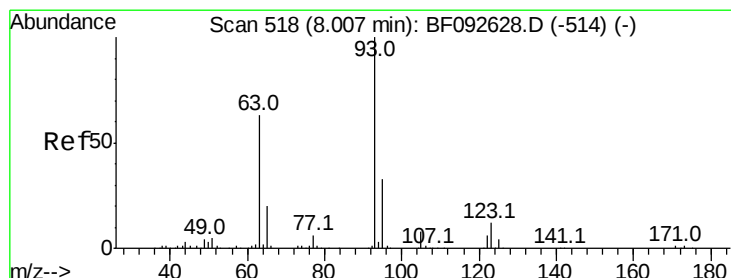
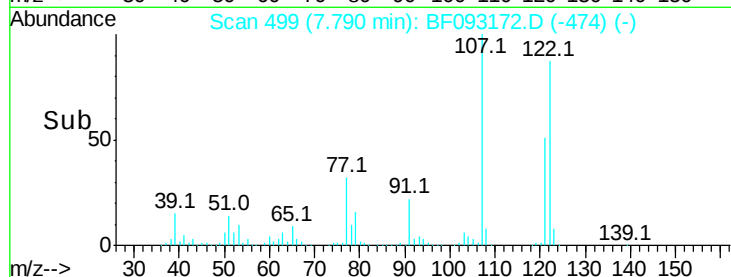
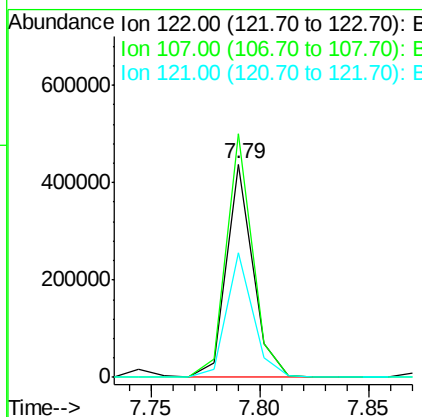
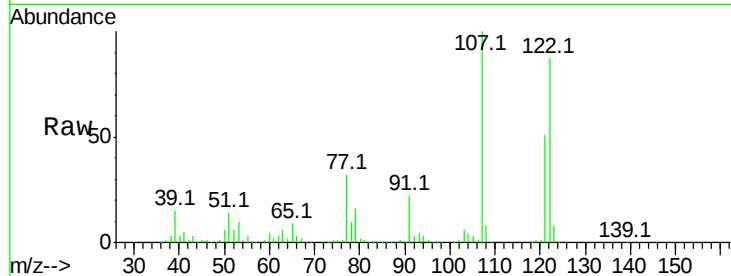
#27
2,4-Dimethylphenol
Concen: 36.39 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	94.1	141.1
121	58.8	46.0	69.0

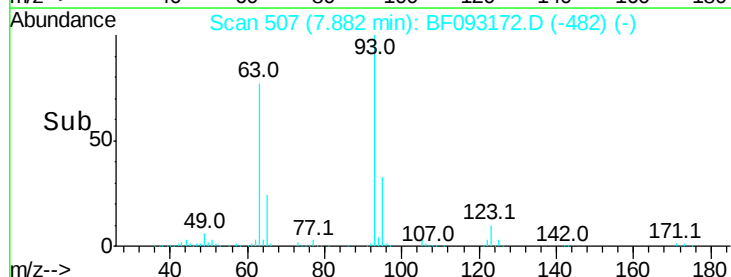
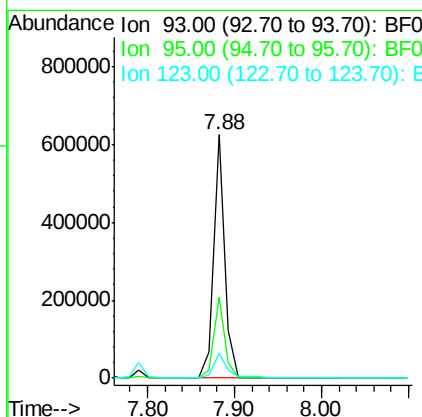
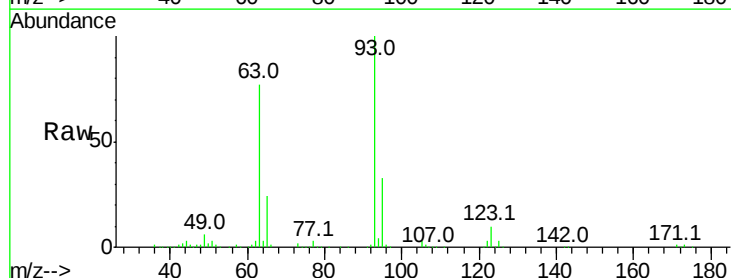
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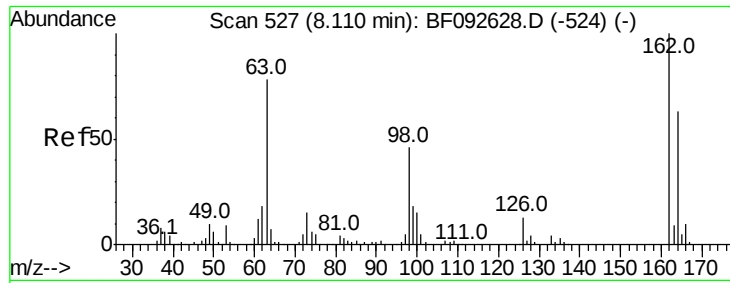
mohammad
2/27/2017 1:08:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.35 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	10.2	8.6	13.0





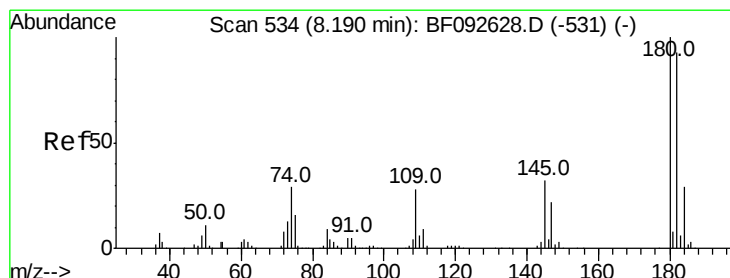
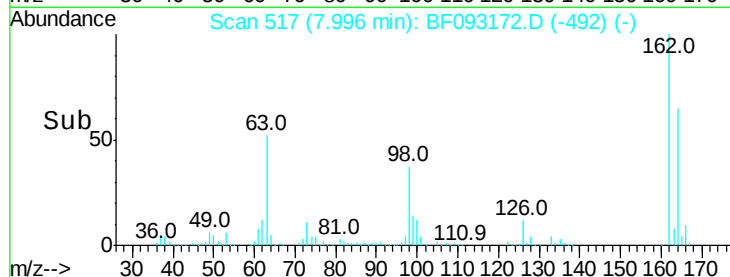
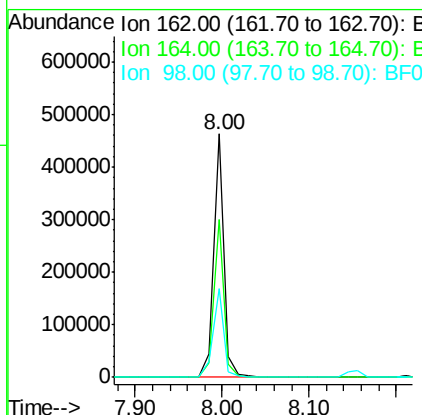
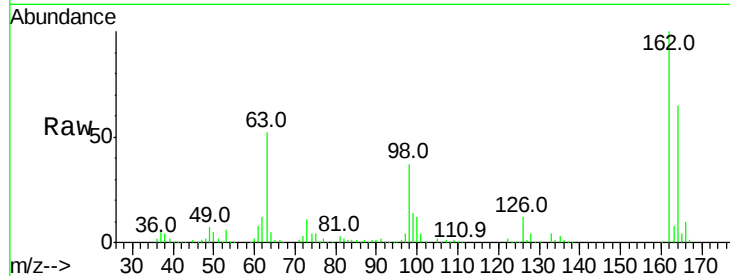
#29
 2,4-Dichlorophenol
 Concen: 40.43 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	46.8	86.8
98	36.5	9.1	49.1

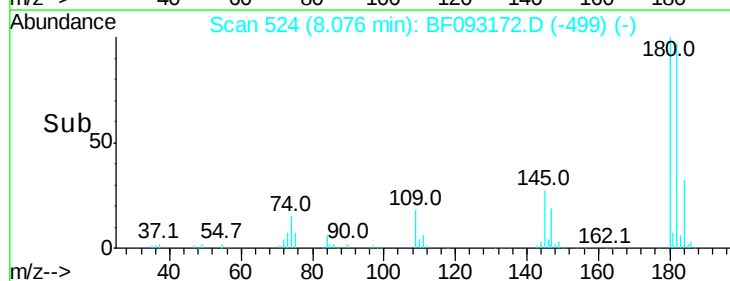
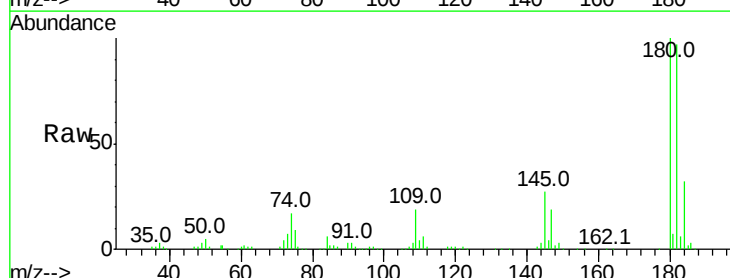
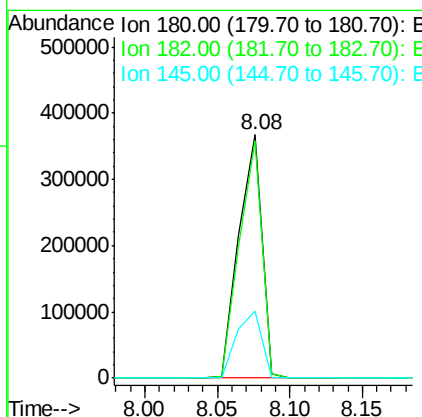
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.48 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	78.2	117.4
145	27.3	21.6	32.4





#31

Naphthalene

Concen: 39.45 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1329492

Ion Ratio Lower Upper

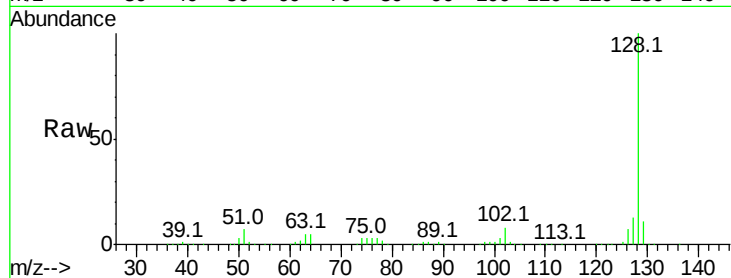
128 100

129 10.9 9.5 14.3

127 13.4 10.8 16.2

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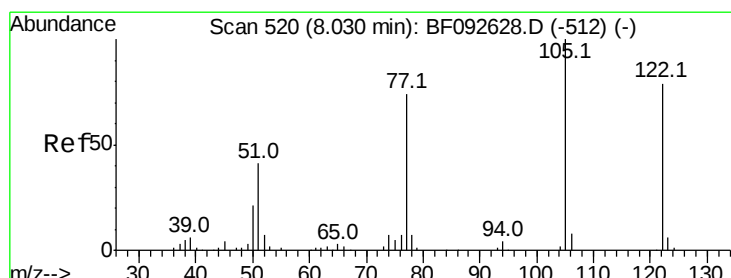
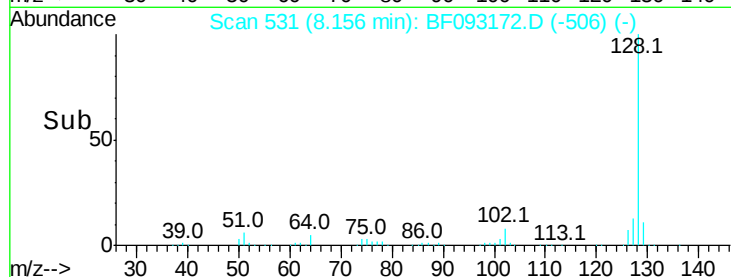
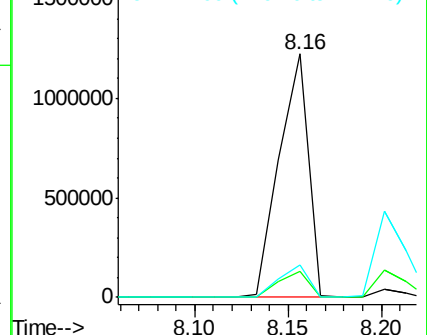
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.60 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

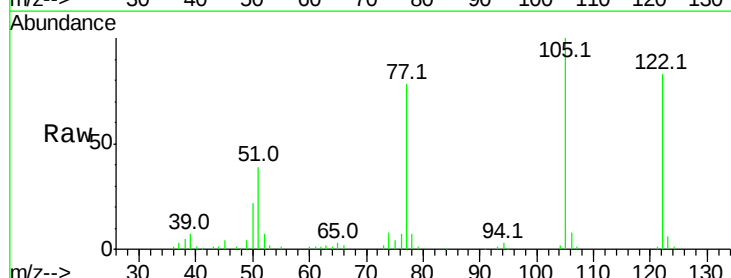
Tgt Ion:122 Resp: 207418

Ion Ratio Lower Upper

122 100

105 120.8 107.2 147.2

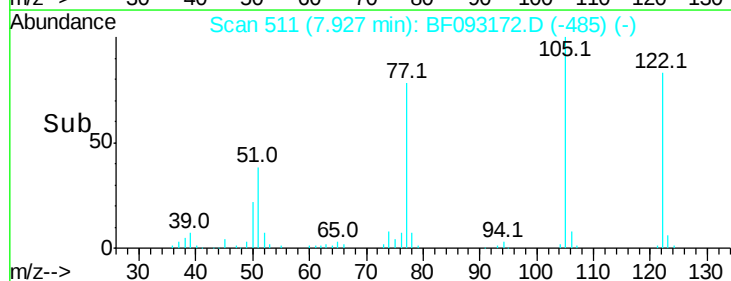
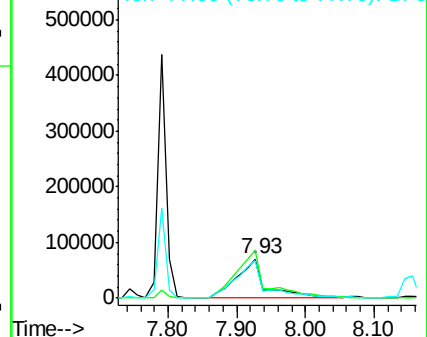
77 94.1 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





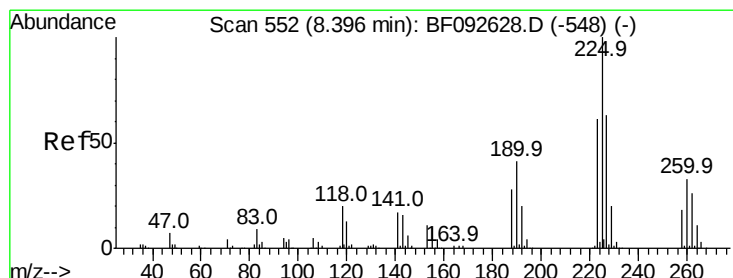
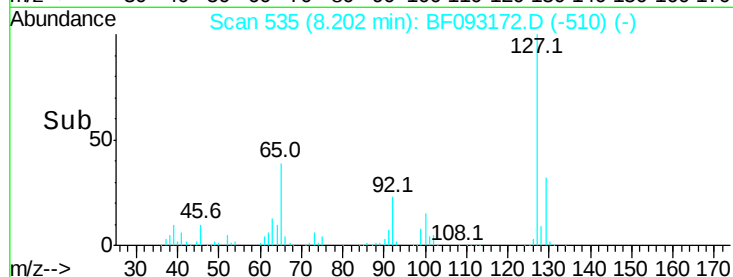
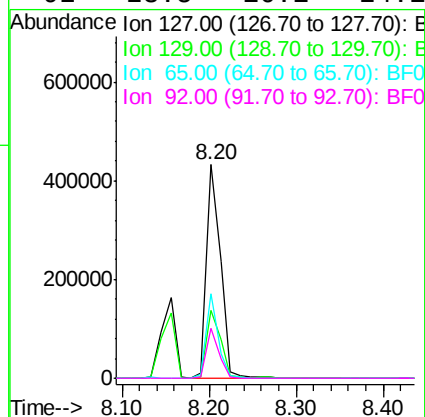
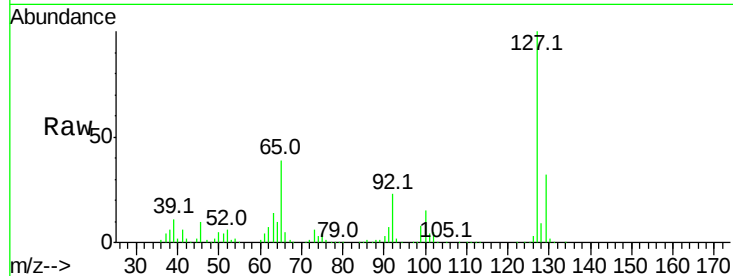
#33
4-Chloroaniline
Concen: 36.73 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.3	39.5
65	39.5	25.8	38.8
92	23.5	16.1	24.1

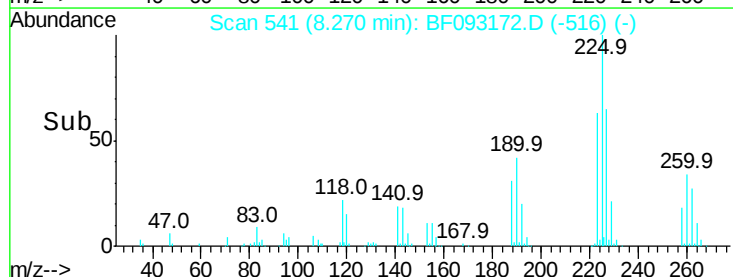
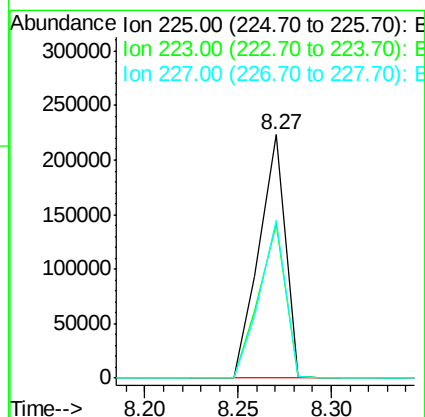
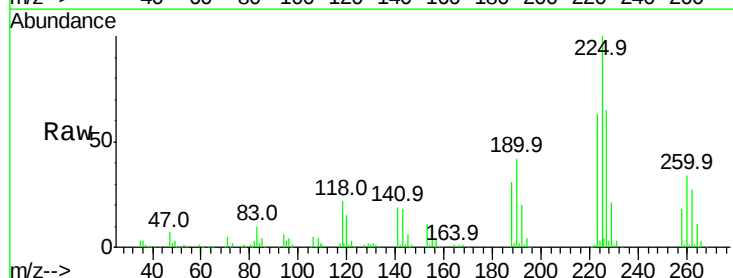
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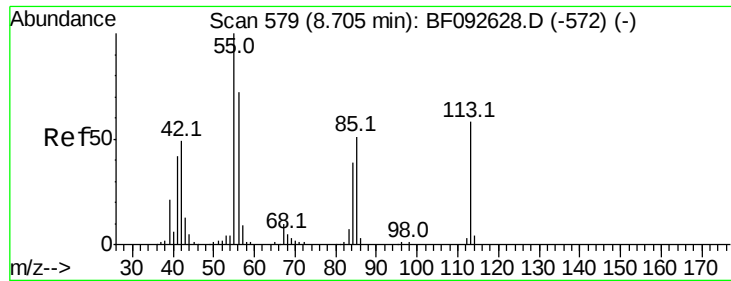
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#34
Hexachlorobutadiene
Concen: 38.64 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.4	51.0	76.6
227	64.7	50.6	76.0





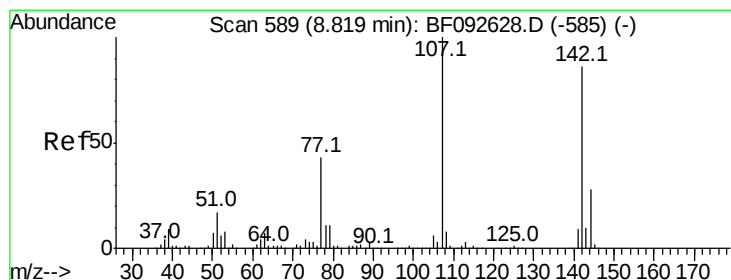
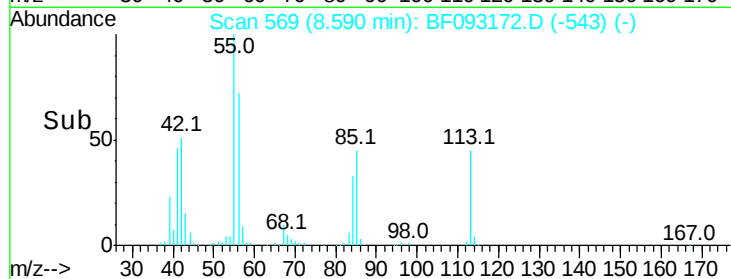
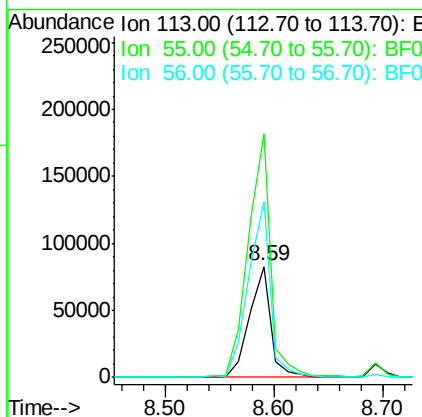
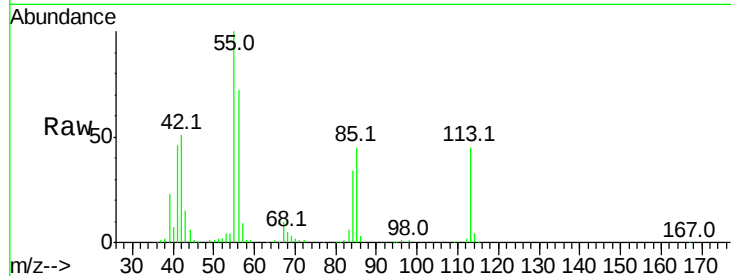
#35
 Caprolactam
 Concen: 37.62 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 112938
 Ion Ratio Lower Upper
 113 100
 55 220.3 119.2 159.2#
 56 158.7 83.8 123.8#

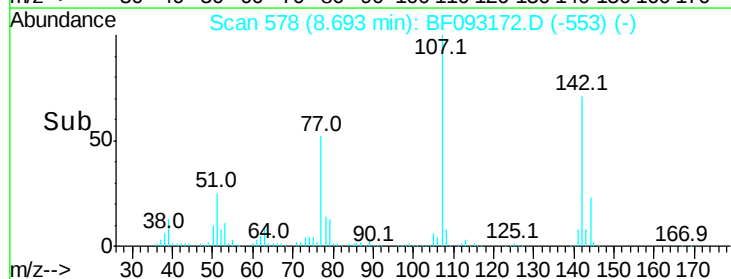
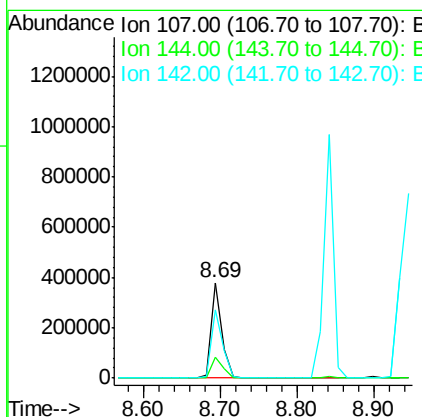
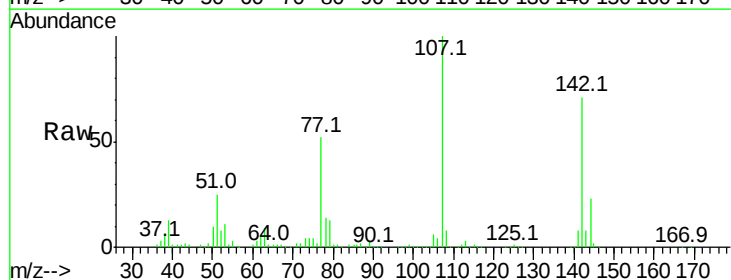
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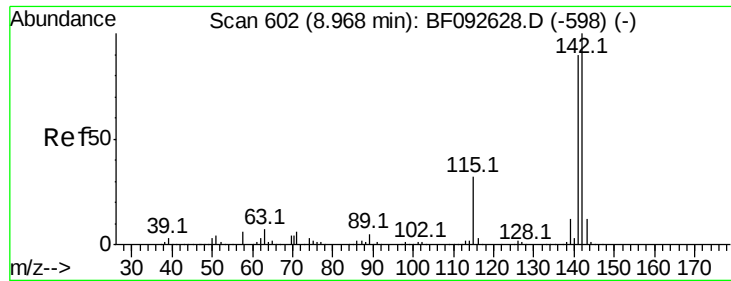
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#36
 4-Chloro-3-methylphenol
 Concen: 35.82 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion:107 Resp: 356452
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.3 28.9
 142 71.5 59.0 88.6





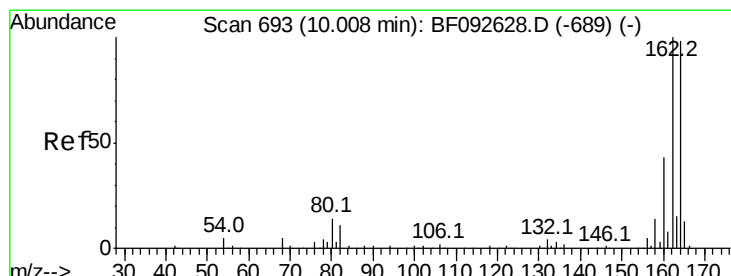
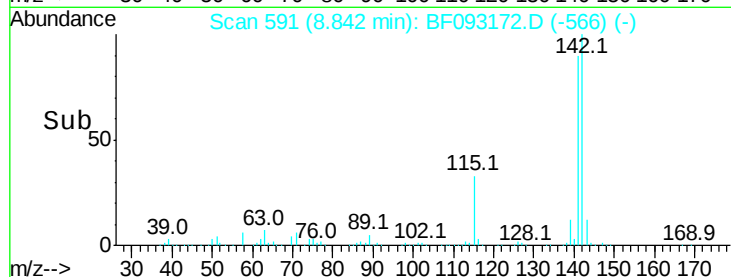
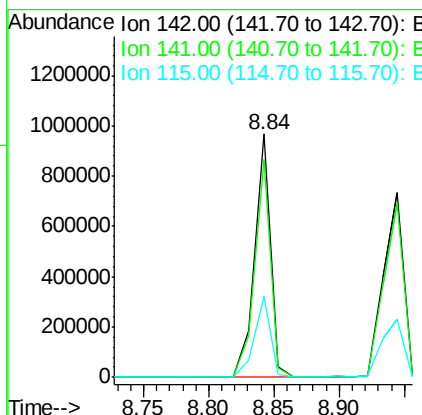
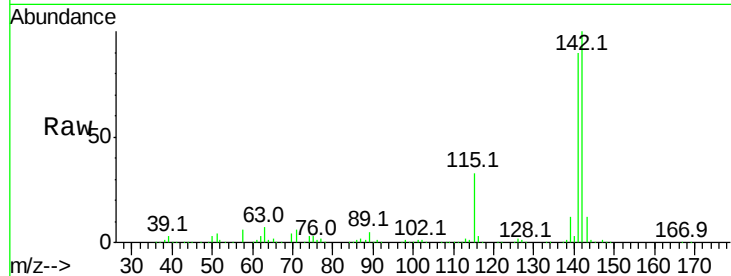
#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.1	28.3	42.5

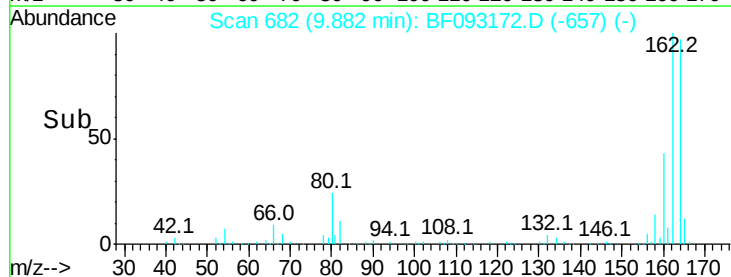
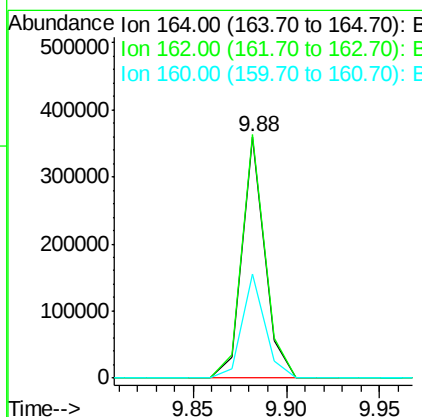
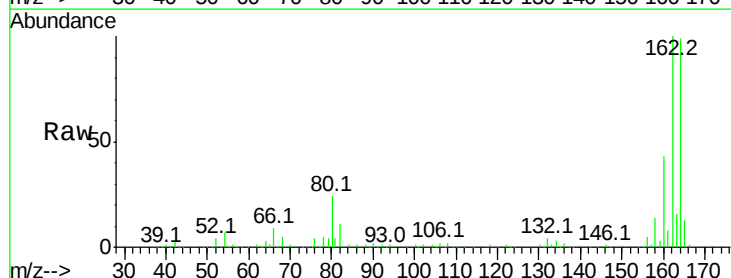
Manual Integrations
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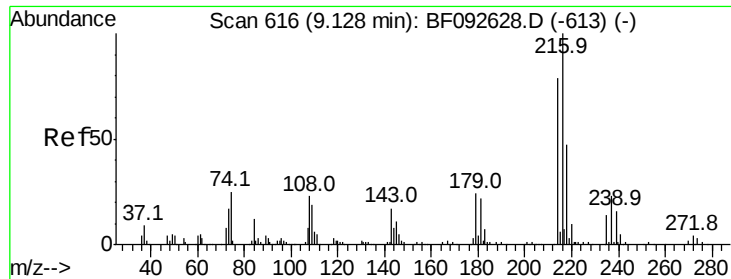
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.3	36.9	55.3





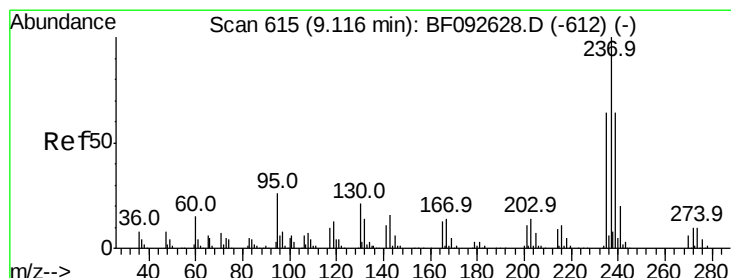
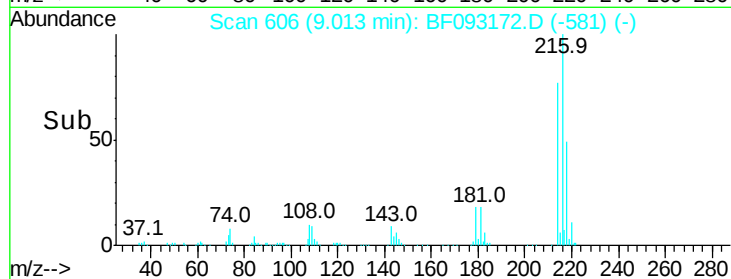
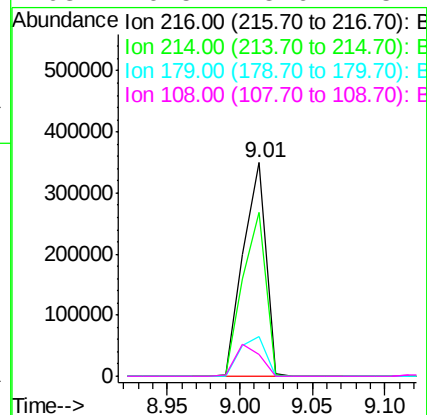
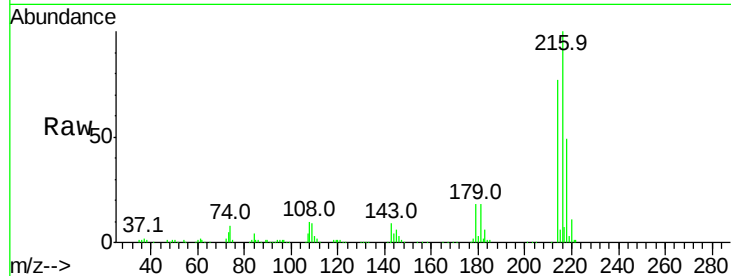
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.07 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	380957		
214	78.1		63.4	95.0
179	20.9		17.4	26.2
108	16.5		15.6	23.4

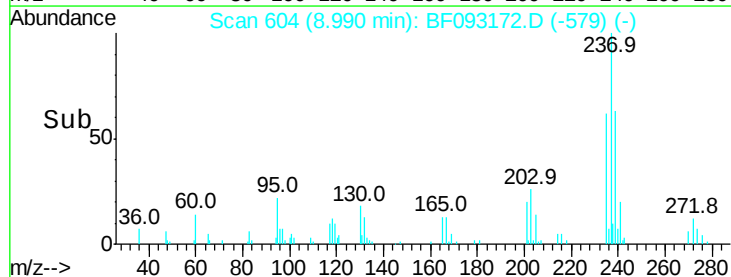
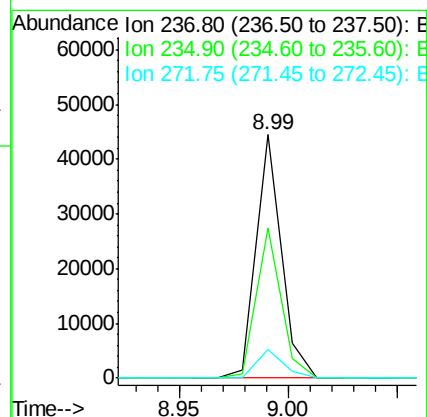
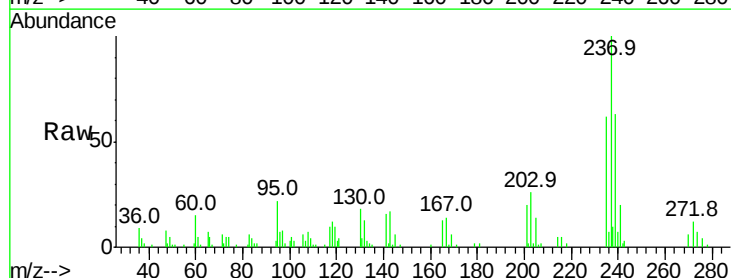
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 9.21 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35927		
235	61.9		41.2	81.2
272	11.8		0.0	35.4





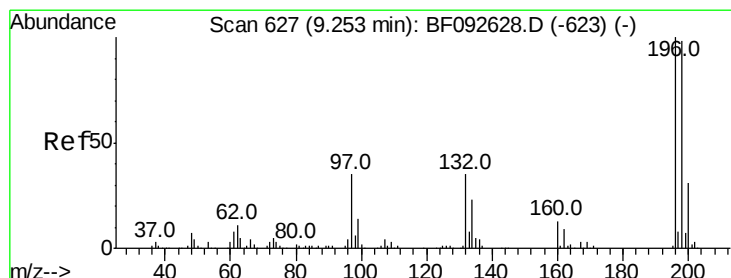
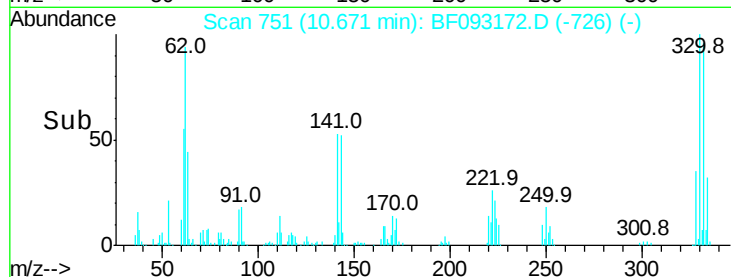
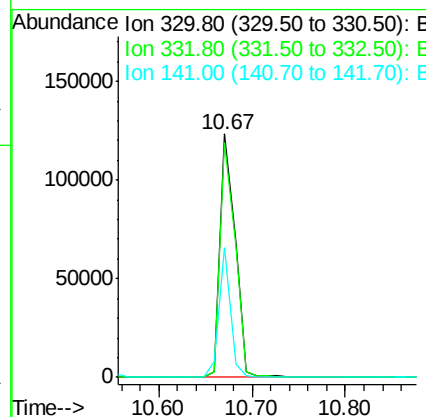
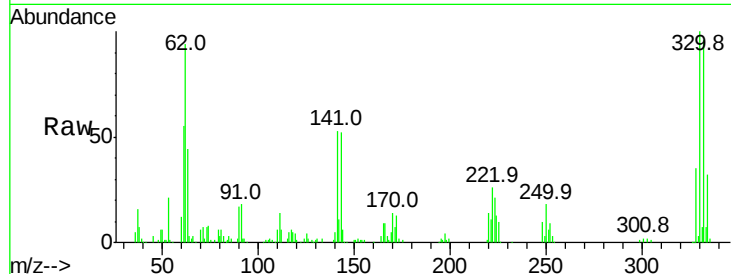
#41
 2,4,6-Tribromophenol
 Concen: 61.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	137939		
332	96.1	77.4	116.2	
141	40.6	34.1	51.1	

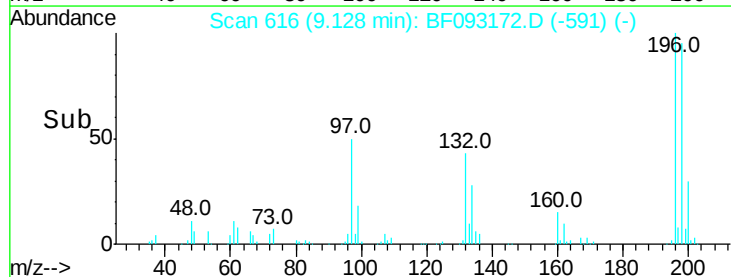
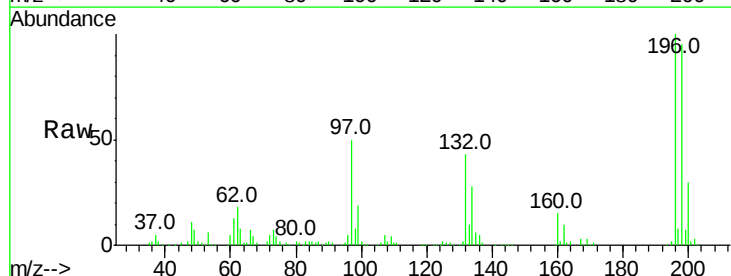
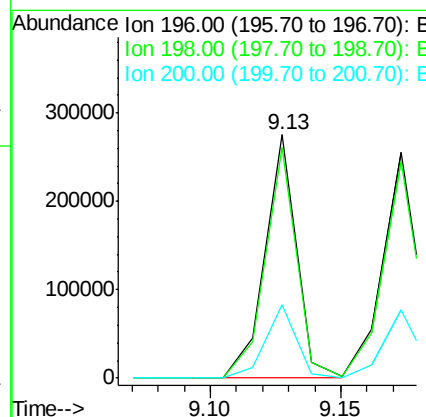
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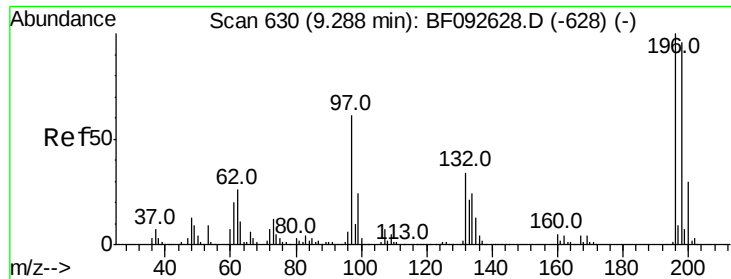
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#42
 2,4,6-Trichlorophenol
 Concen: 41.29 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234533		
198	94.9	82.1	123.1	
200	30.1	27.0	40.4	





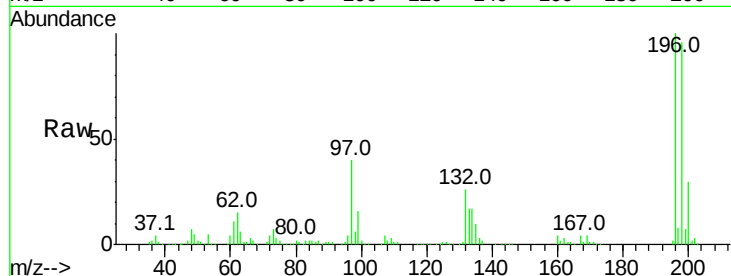
#43
 2,4,5-Trichlorophenol
 Concen: 38.08 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237029		
198	96.4	79.4	119.2	
97	40.4	51.5	77.3	
132	26.4	27.4	41.2	

Manual Integrations
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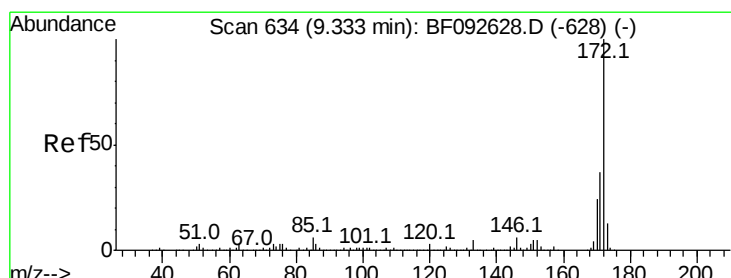
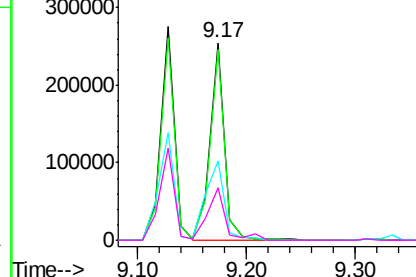
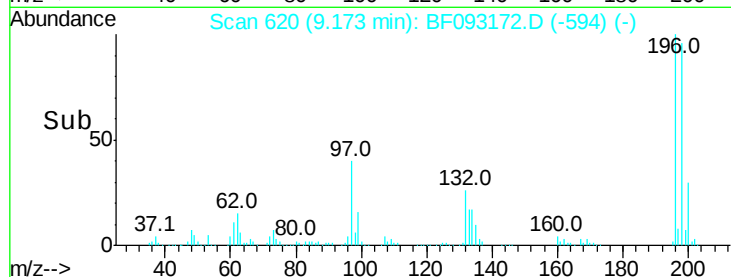
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

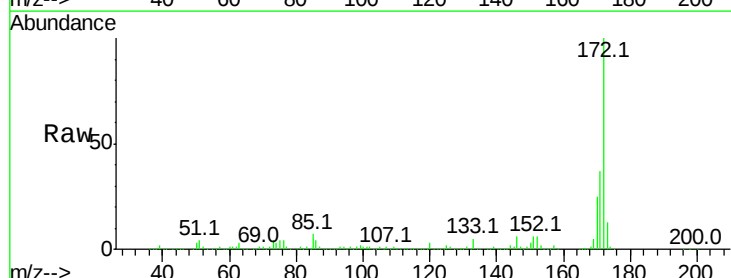
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1406286		
171	37.0	29.4	44.0	
170	24.6	20.2	30.4	

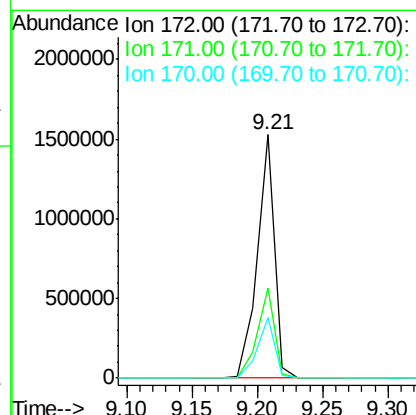
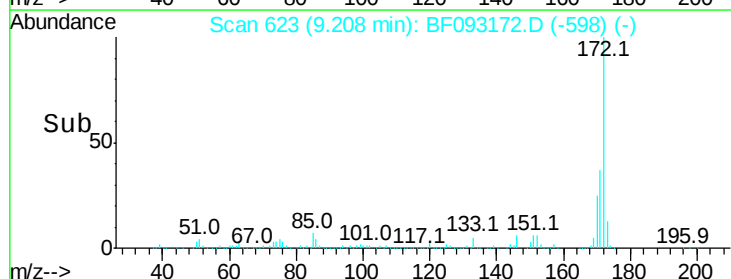


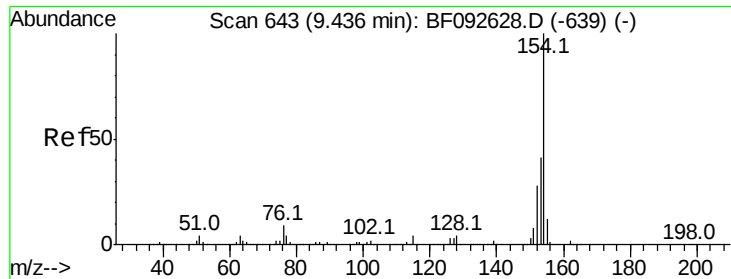
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





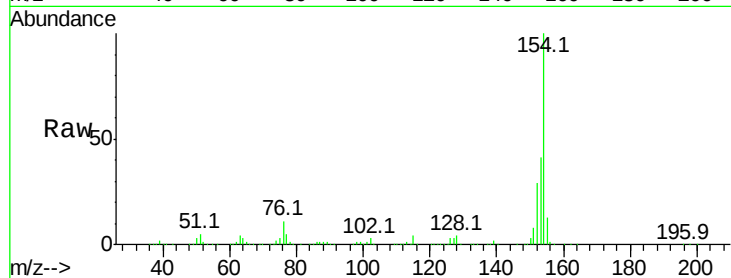
#45
 1,1'-Biphenyl
 Concen: 45.06 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

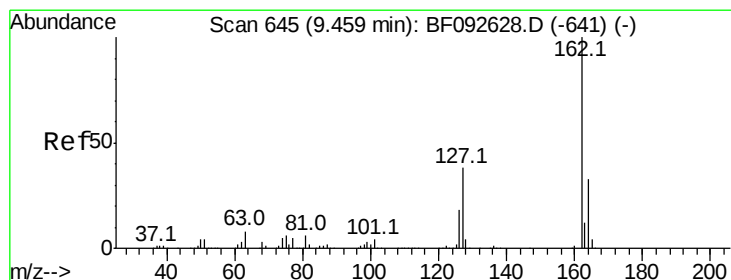
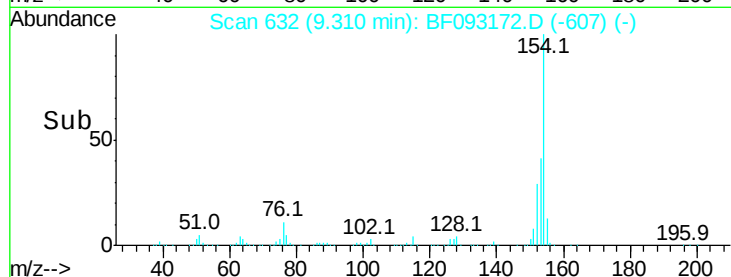
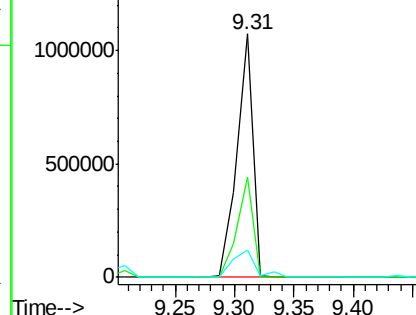
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	11.5	0.0	30.5

Manual Integrations
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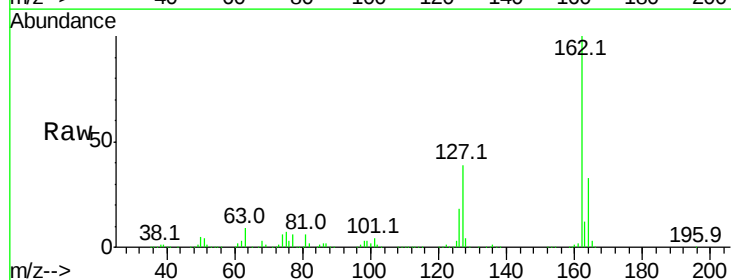


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

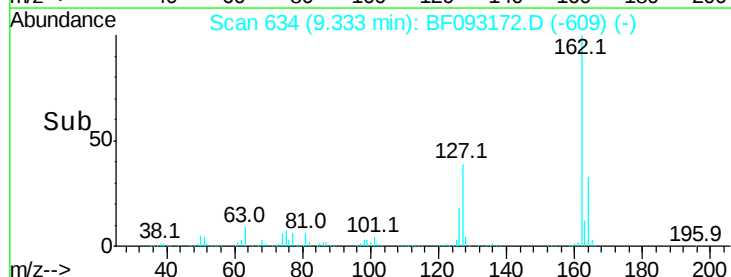
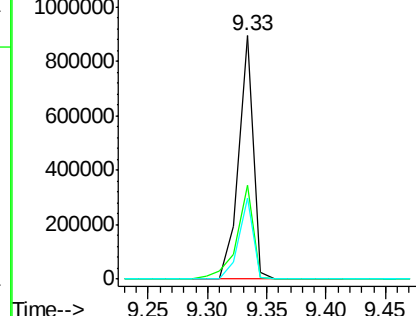


#46
 2-Chloronaphthalene
 Concen: 44.10 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.7	46.1
164	33.1	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





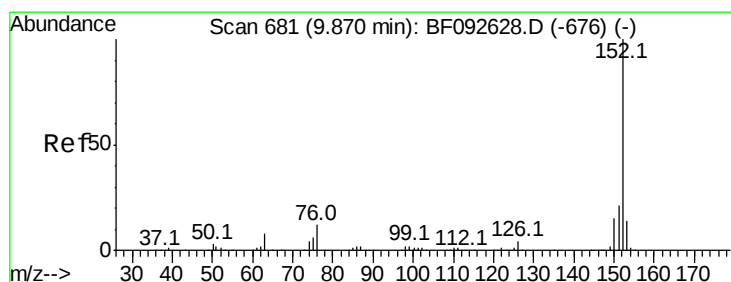
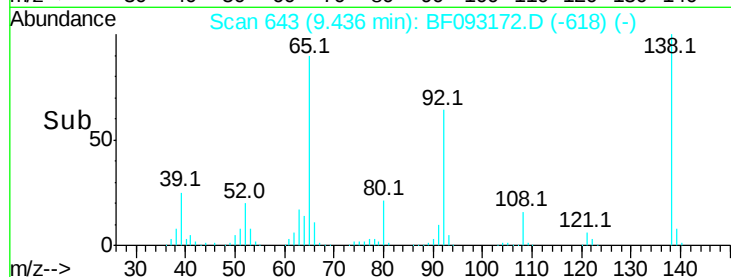
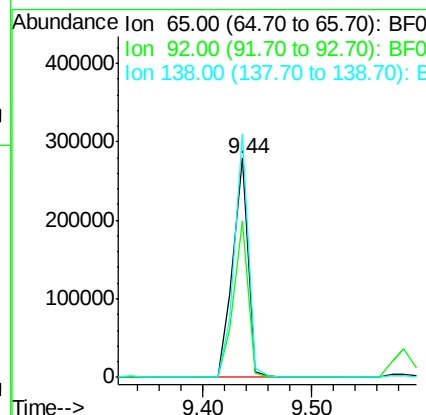
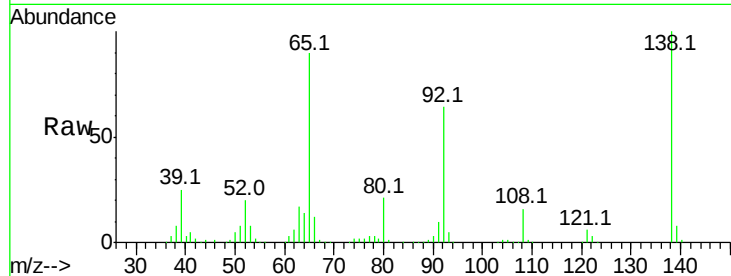
#47
2-Nitroaniline
Concen: 46.21 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	111.2	76.8	115.2

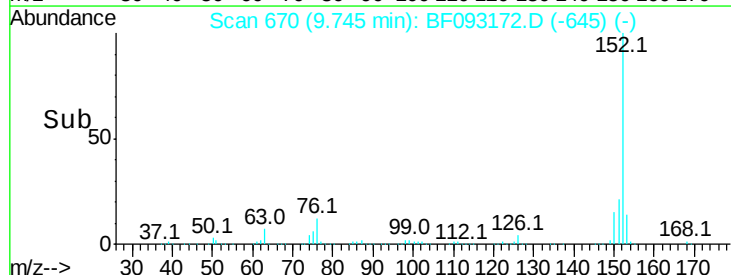
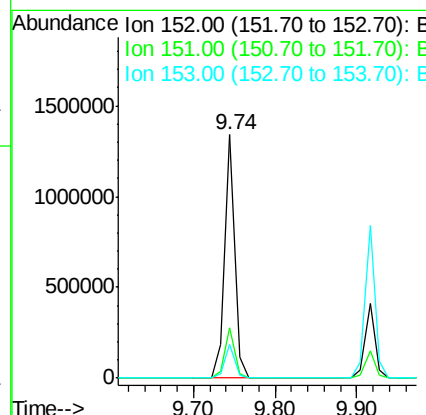
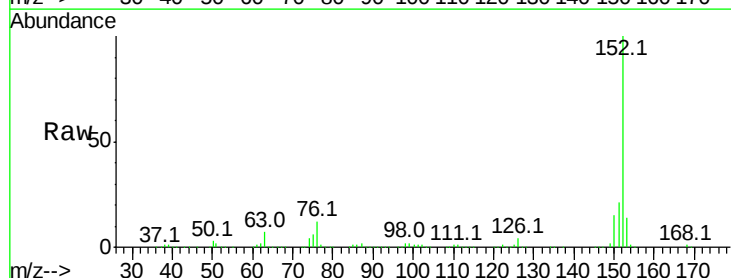
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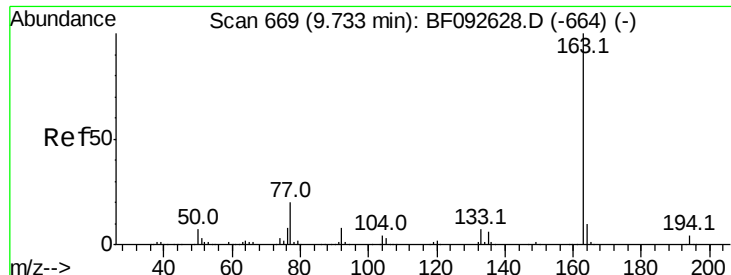
mohammad
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#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.6	11.4	17.2





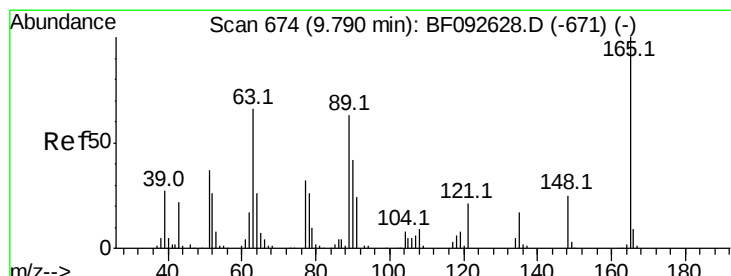
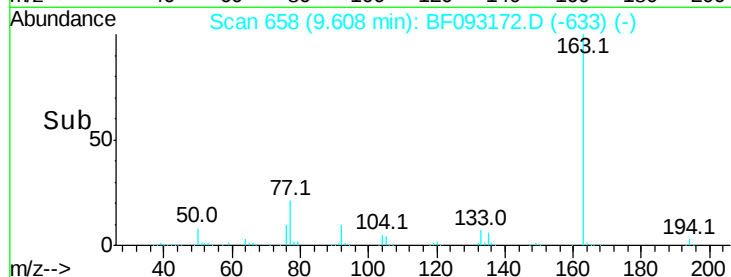
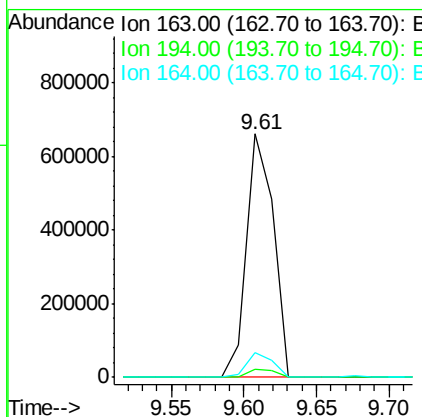
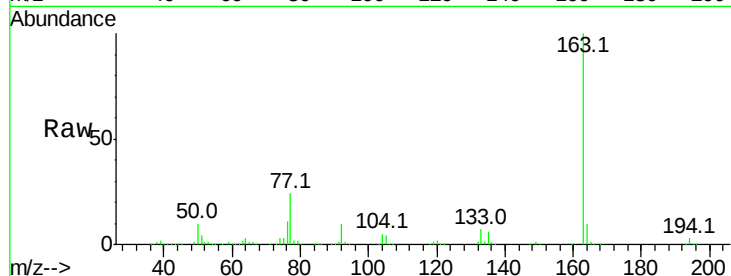
#49
Dimethylphthalate
Concen: 40.99 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	850236		
194	3.1		3.0	4.4
164	10.4		8.0	12.0

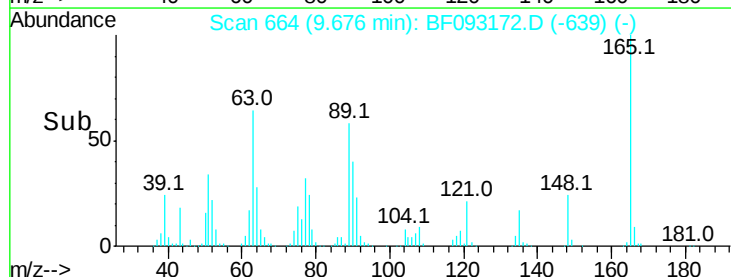
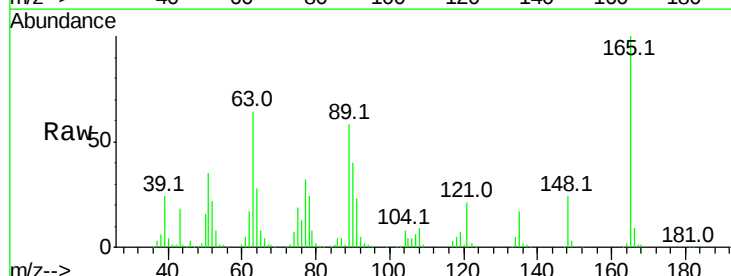
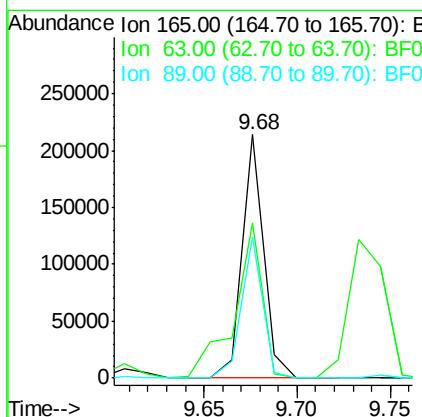
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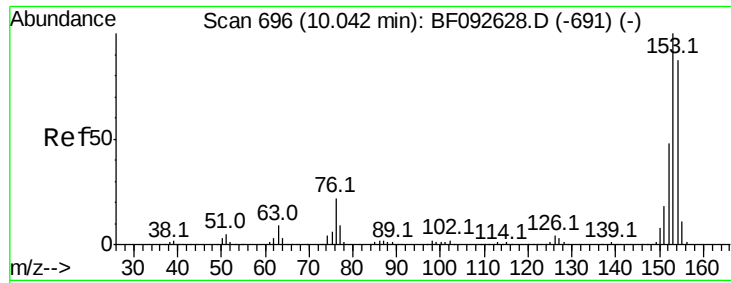
mohammad
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#50
2,6-Dinitrotoluene
Concen: 38.42 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172116		
63	64.0		36.2	54.4#
89	58.0		40.2	60.4





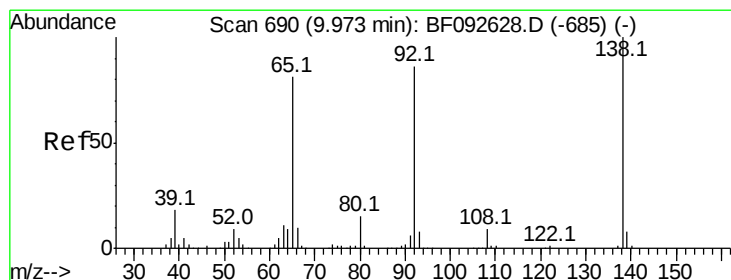
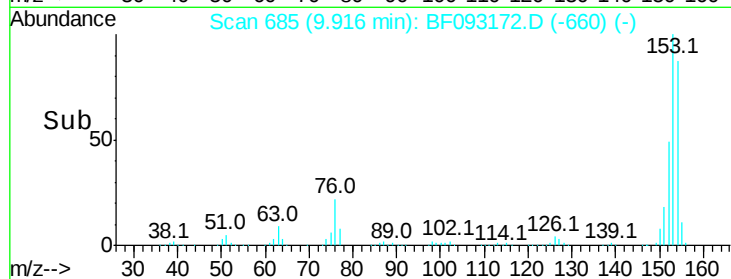
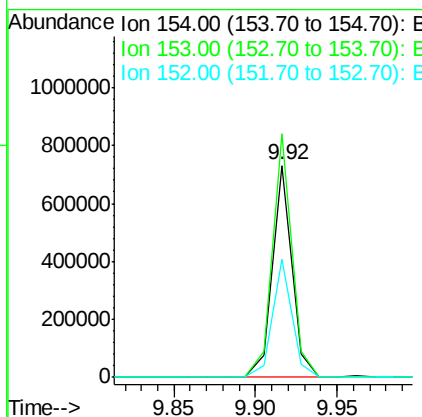
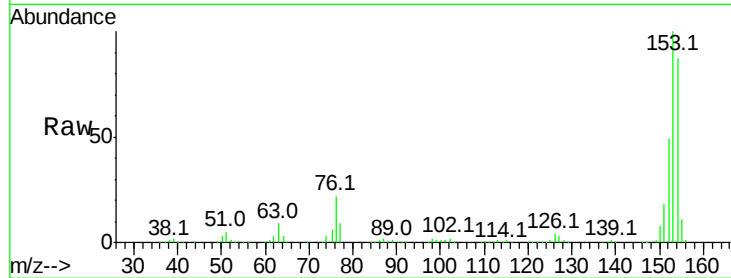
#51
Acenaphthene
Concen: 33.93 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	55.8	41.6	62.4

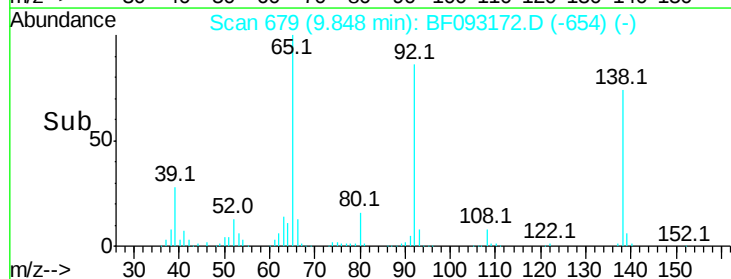
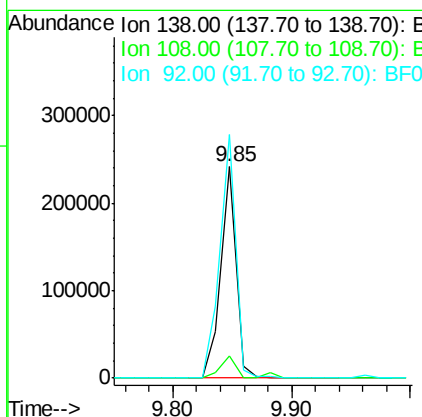
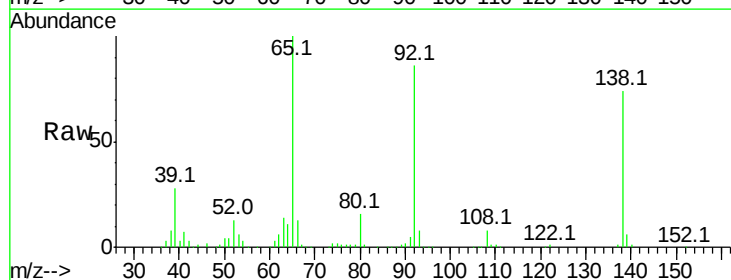
Manual Integrations
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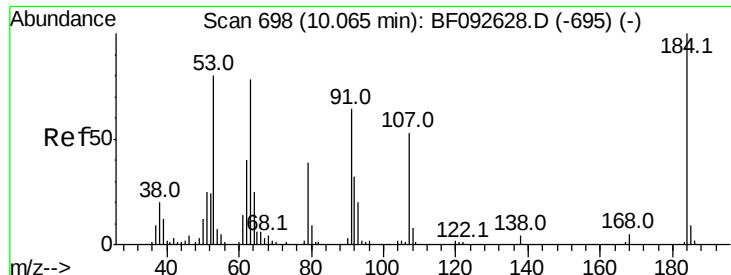
mohammad
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#52
3-Nitroaniline
Concen: 41.81 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	115.4	97.8	146.8





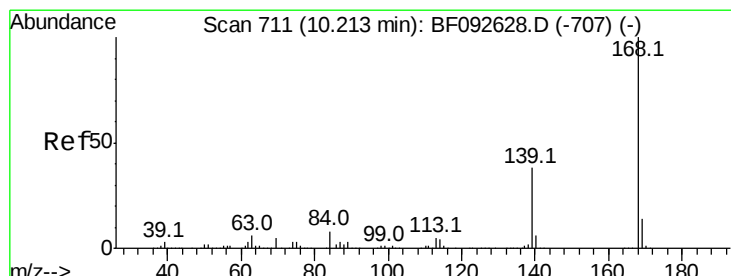
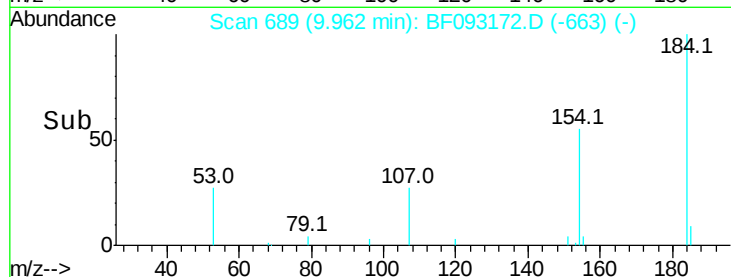
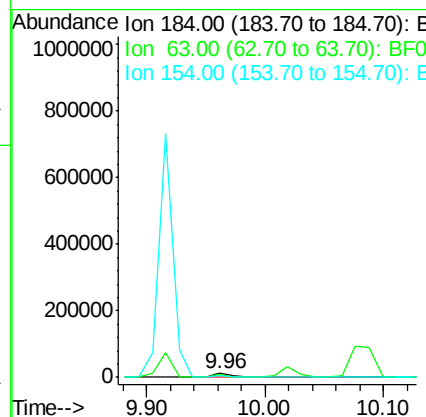
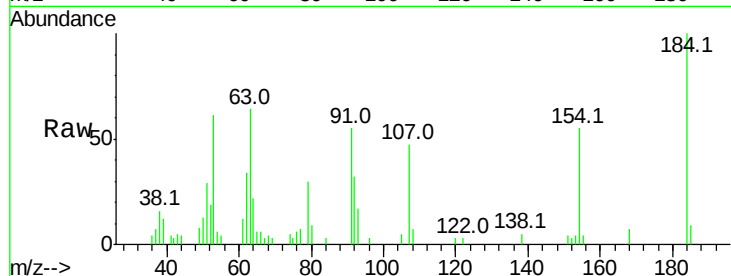
#53
 2,4-Dinitrophenol
 Concen: 10.97 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.8	28.4	42.6	
154	54.9	44.3	66.5	

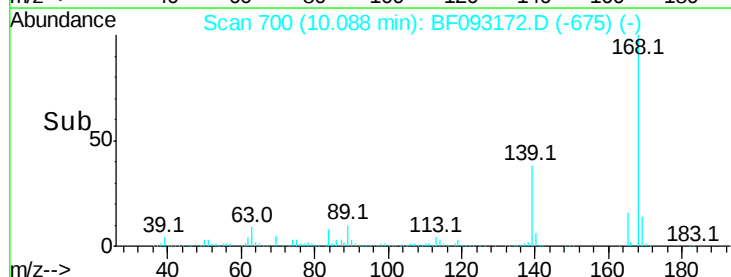
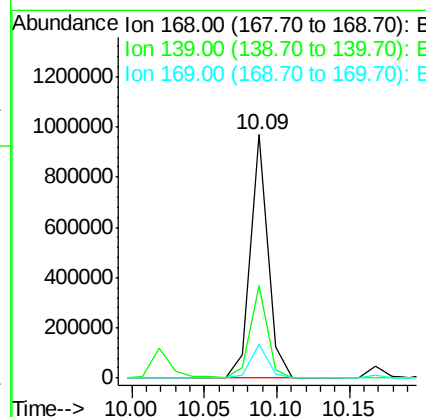
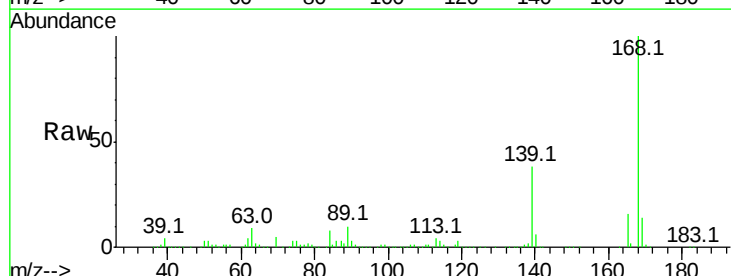
Manual Integrations
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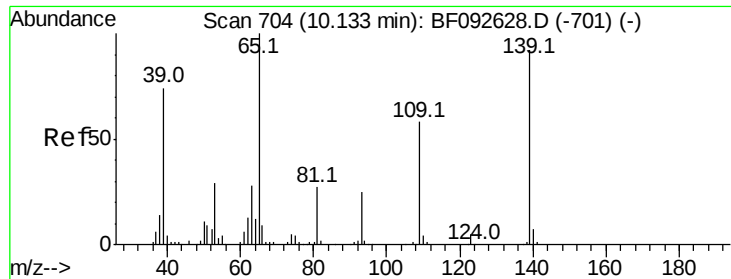
mohammad
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#54
 Dibenzofuran
 Concen: 34.00 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	32.6	49.0	
169	13.8	11.3	16.9	





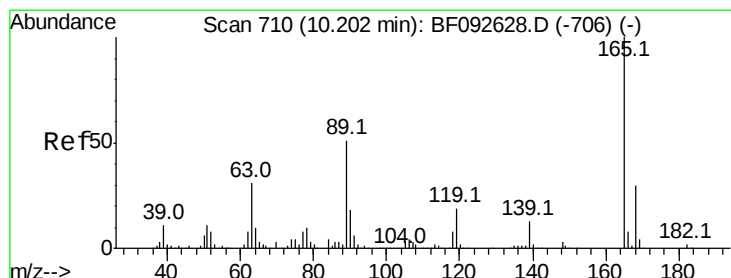
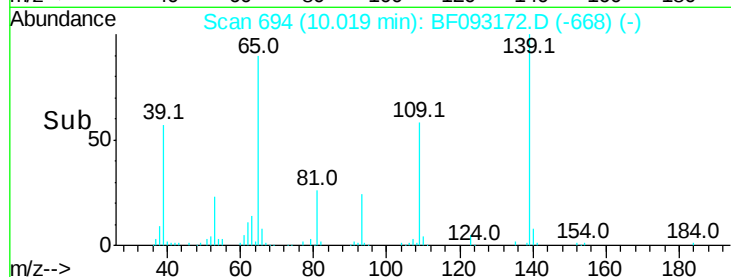
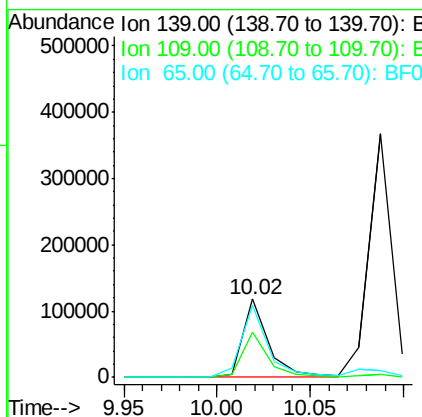
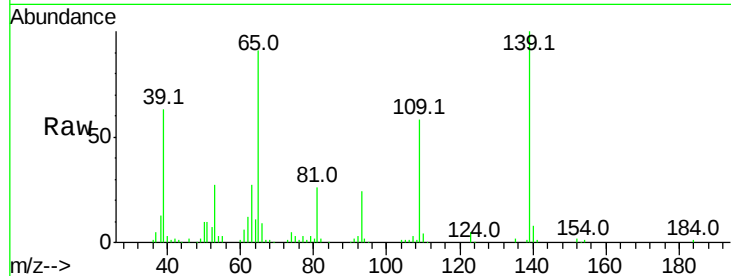
#55
4-Nitrophenol
Concen: 31.38 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.6	52.2	92.2	
65	91.3	85.8	125.8	

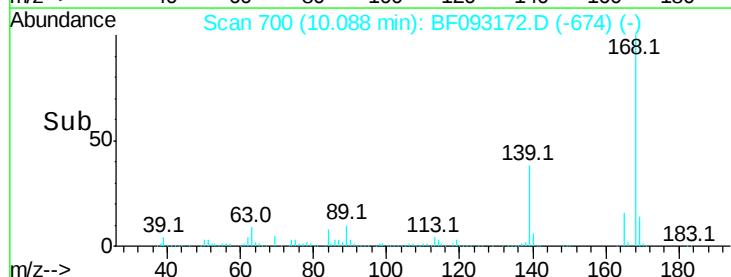
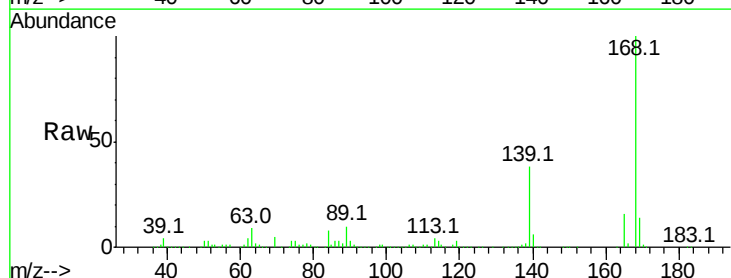
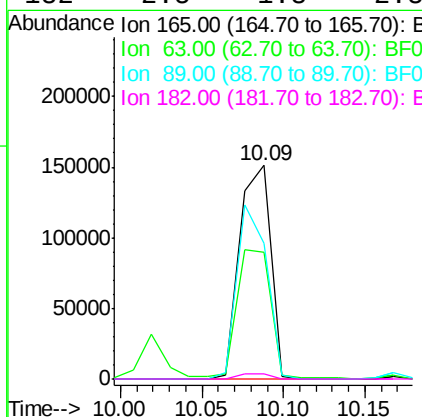
Manual Integrations
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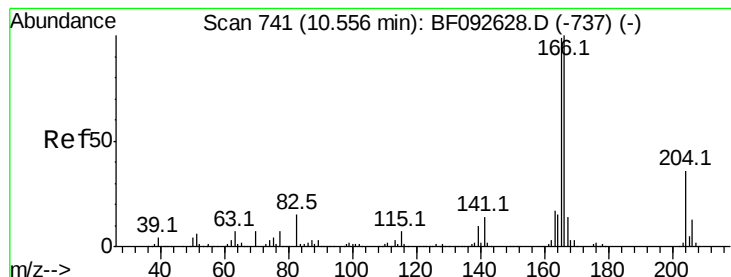
mohammad
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#56
2,4-Dinitrotoluene
Concen: 33.33 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3	40.2	60.4	
89	63.3	62.5	93.7	
182	2.5	1.8	2.8	





#57

Fluorene

Concen: 36.30 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:166 Resp: 673087

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

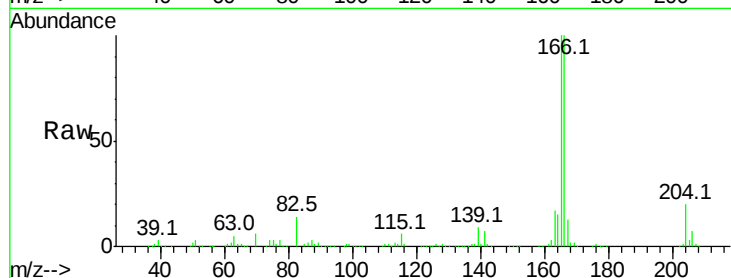
167 13.4 10.8 16.2

Manual Integrations

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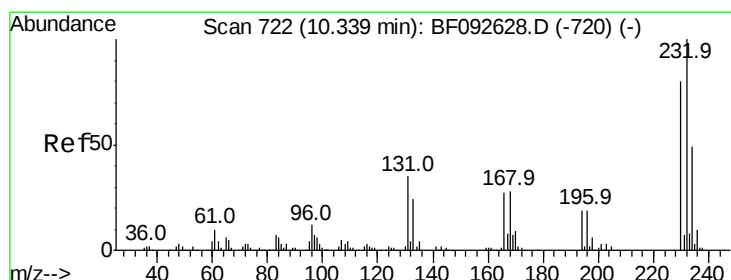
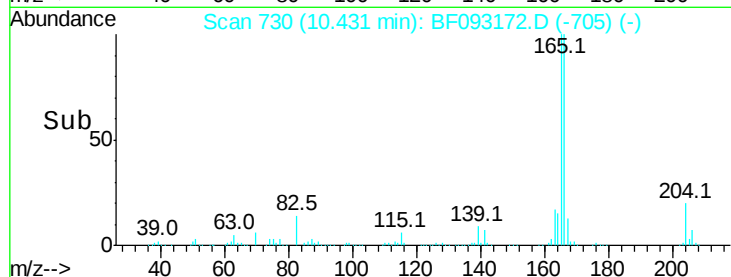
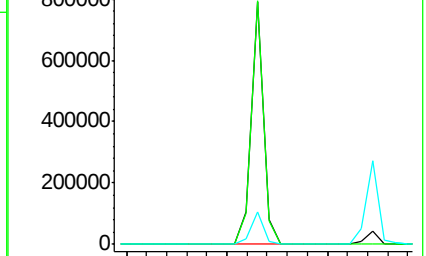
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.70 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:232 Resp: 156524

Ion Ratio Lower Upper

232 100

131 47.3 40.1 60.1

130 2.1 1.8 2.8

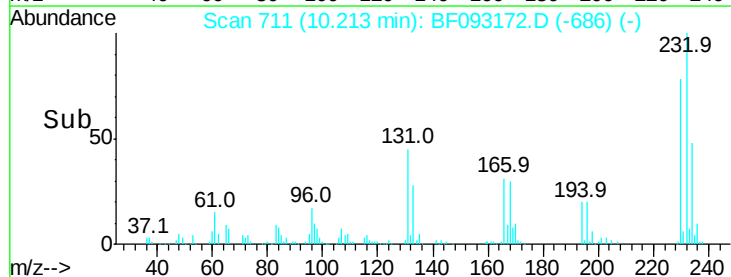
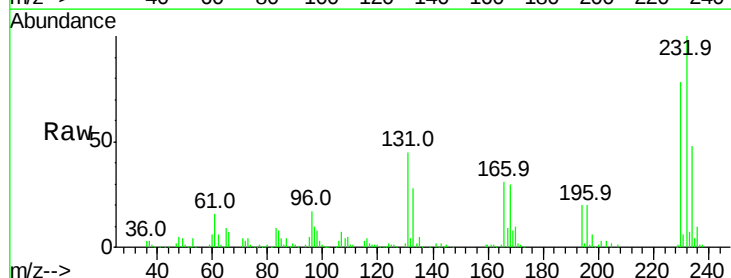
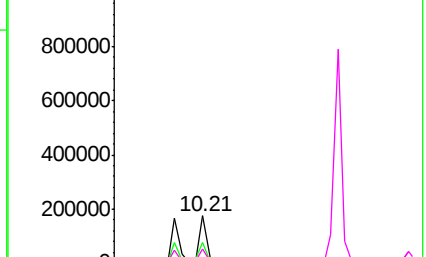
166 30.4 26.6 39.8

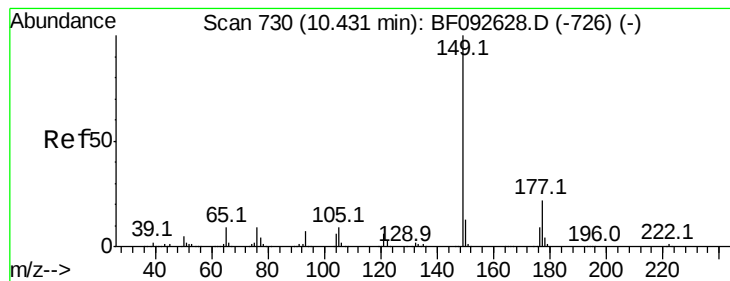
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.21 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

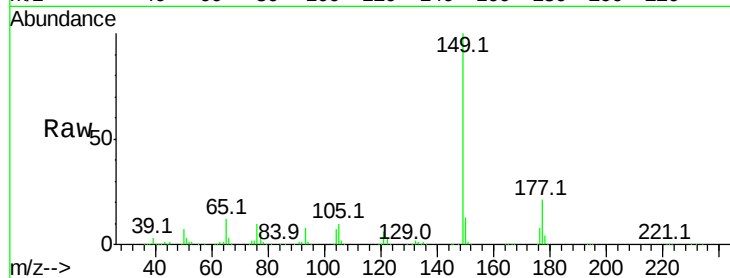
ClientSampleId :

SSTDCCC040

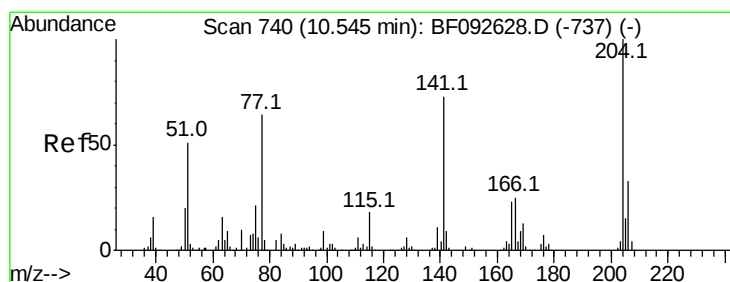
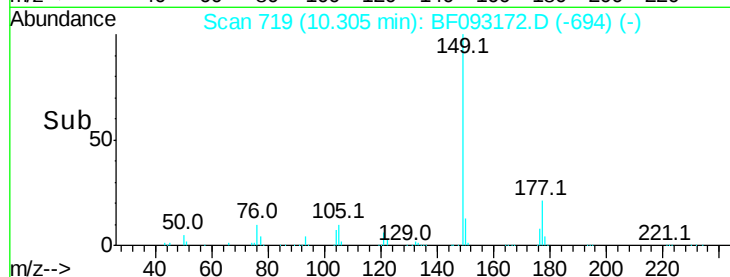
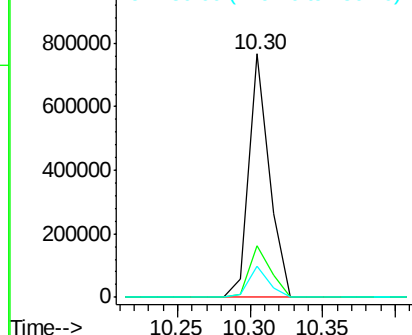
Tot Ion:	149	Resp:	746911
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.6	25.0
150	12.8	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.43 ng

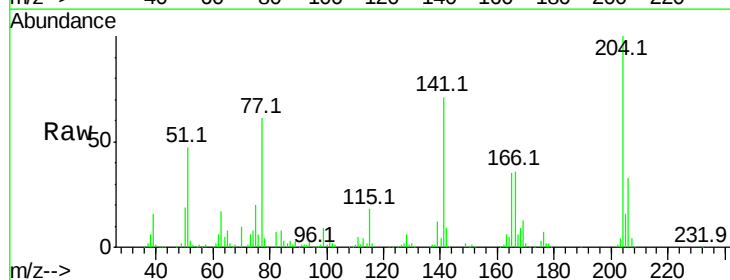
RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

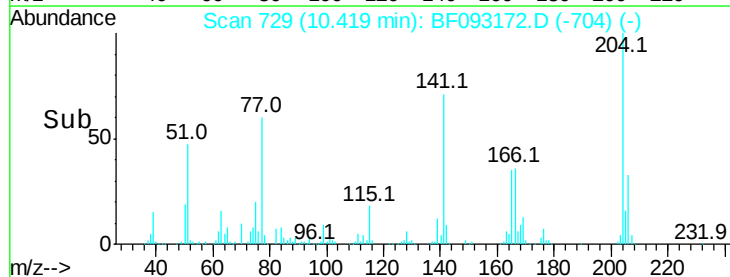
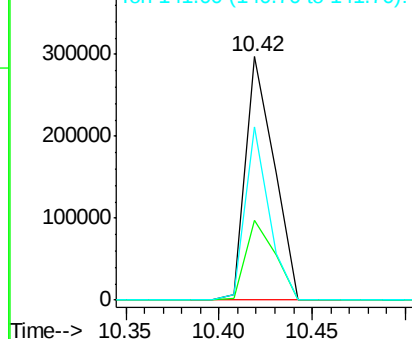
Lab File: BF093172.D

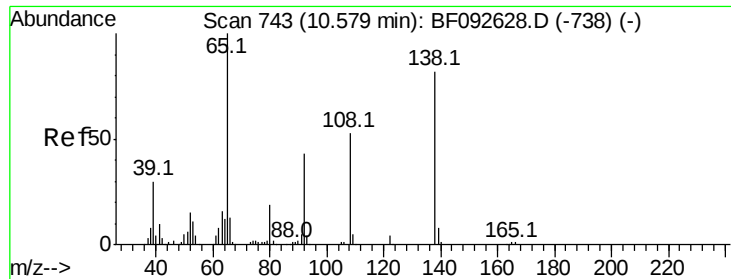
Acq: 25 Feb 2017 5:36

Tgt Ion:	204	Resp:	315608
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.8	38.6
141	70.9	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





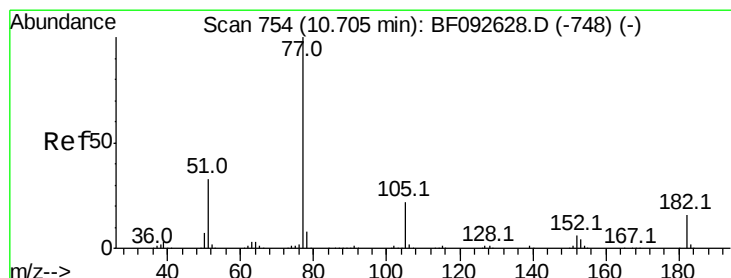
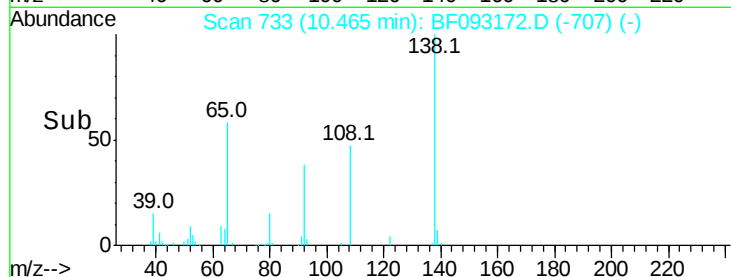
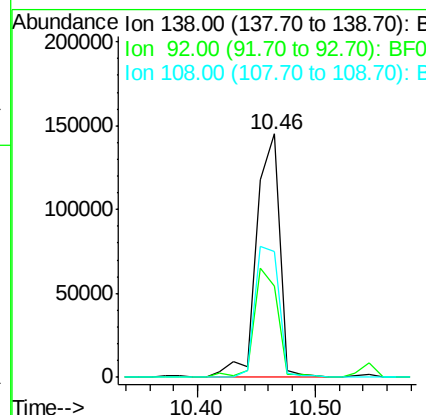
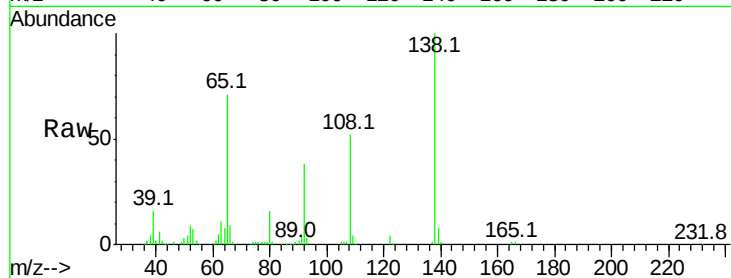
#61
4-Nitroaniline
Concen: 37.17 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	195194		
92	37.7	31.7	71.7	
108	51.6	52.6	92.6#	

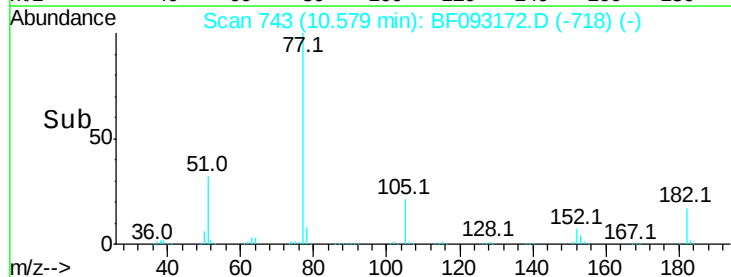
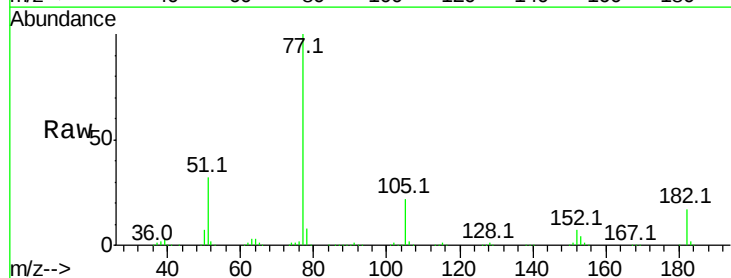
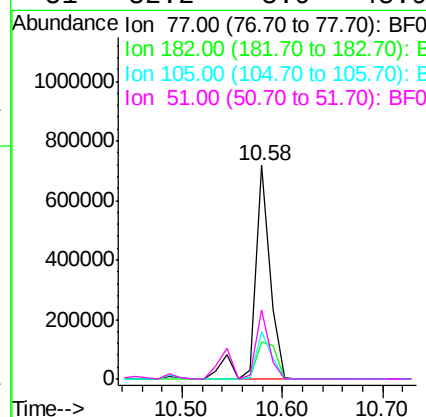
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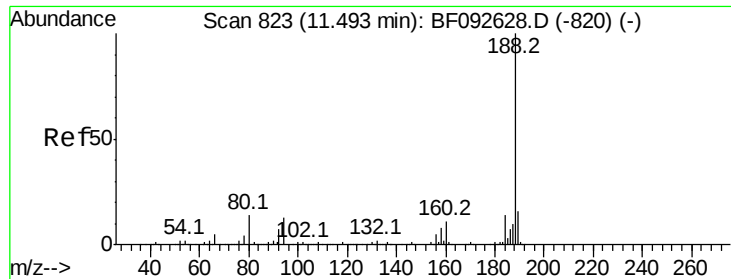
mohammad
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#62
Azobenzene
Concen: 37.07 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	748710		
182	17.1	0.0	39.3	
105	22.0	2.3	42.3	
51	32.2	8.9	48.9	





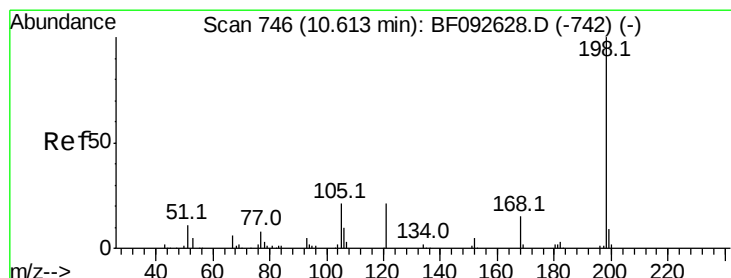
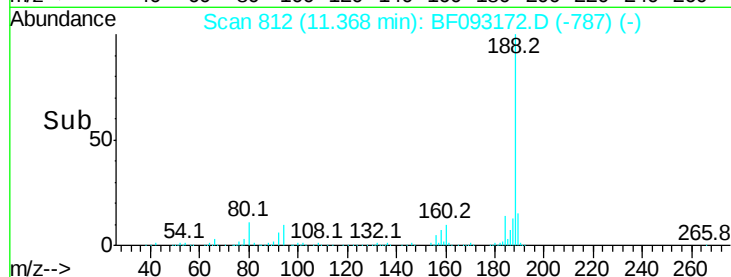
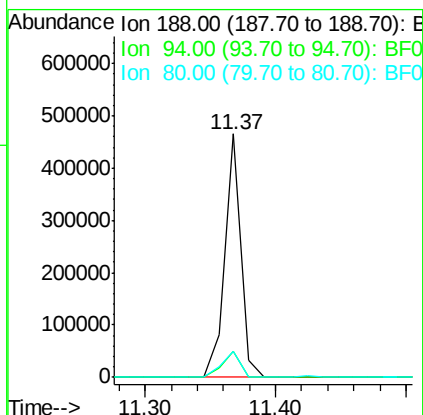
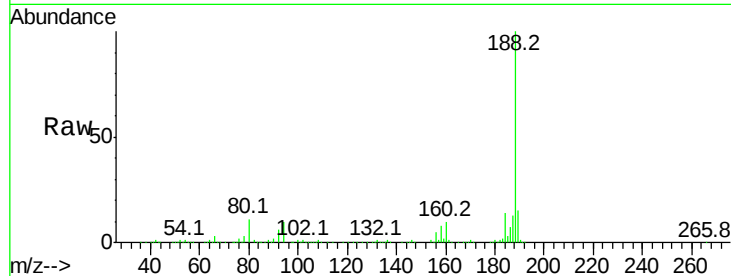
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.0	15.0
80	10.9	11.2	16.8#

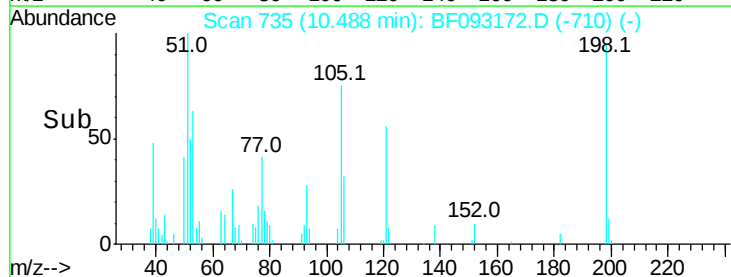
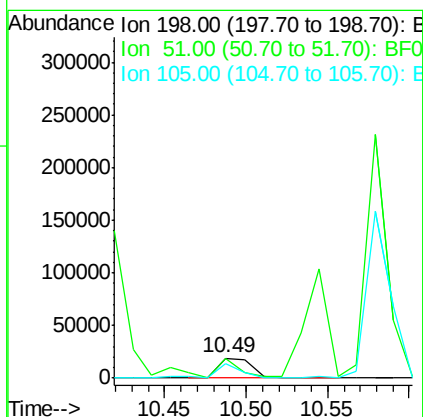
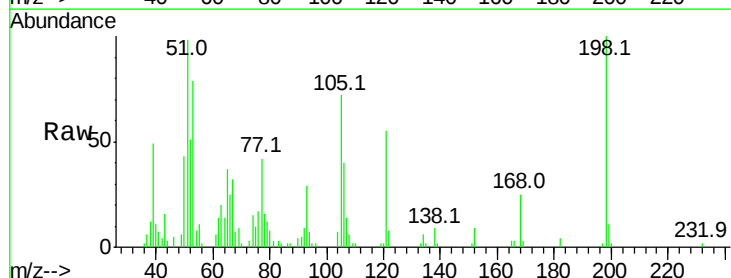
Manual Integrations
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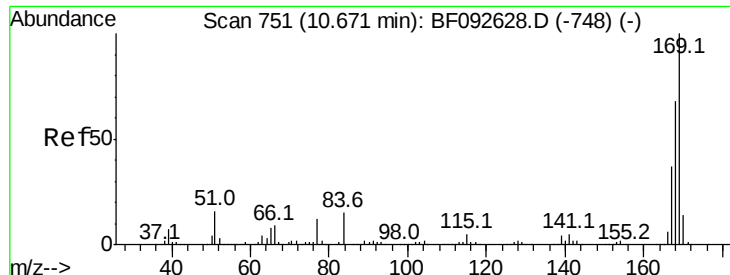
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 13.16 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
198	100		
51	97.6	6.7	46.7#
105	71.8	16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 47.52 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

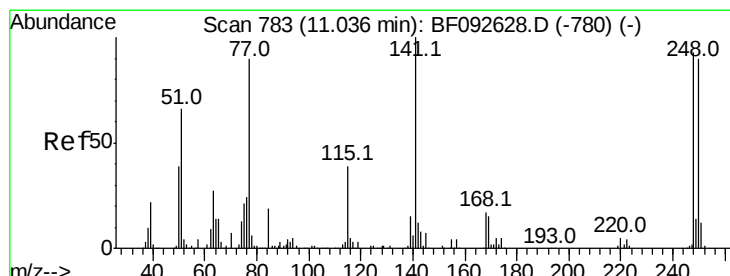
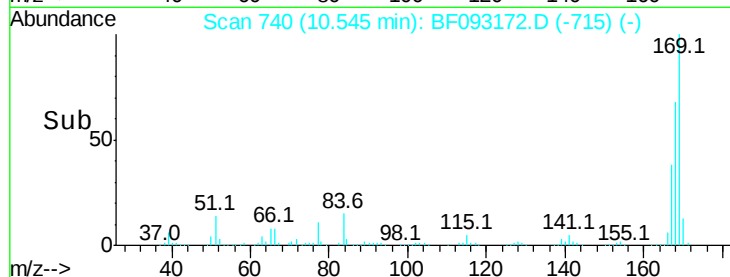
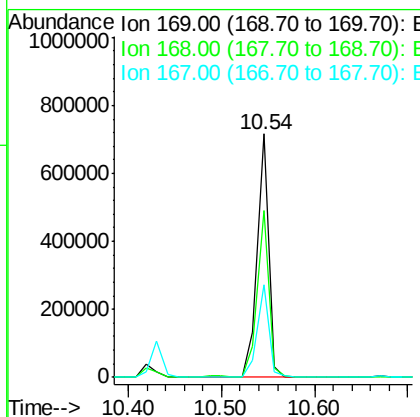
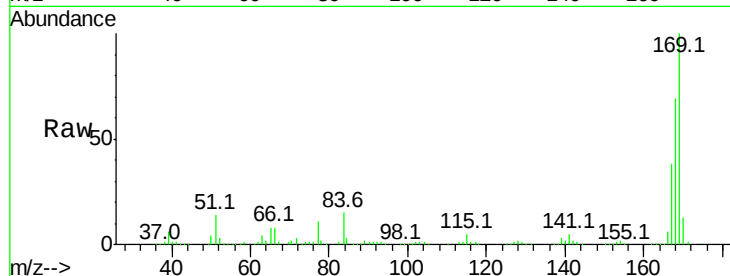
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	608836
Ion Ratio	Lower	Upper	
169	100		
168	68.6	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.91 ng

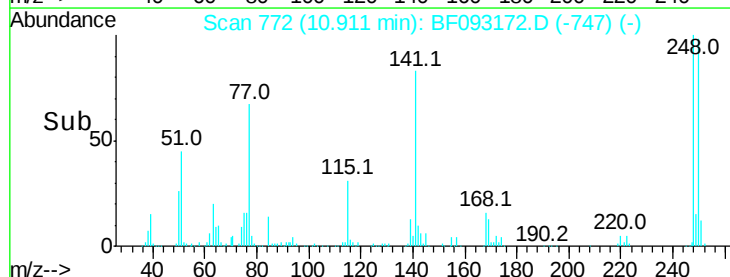
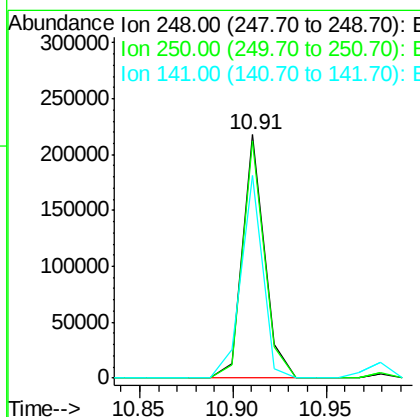
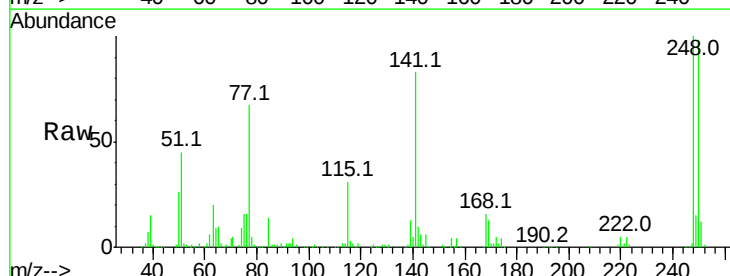
RT: 10.91 min Scan# 772

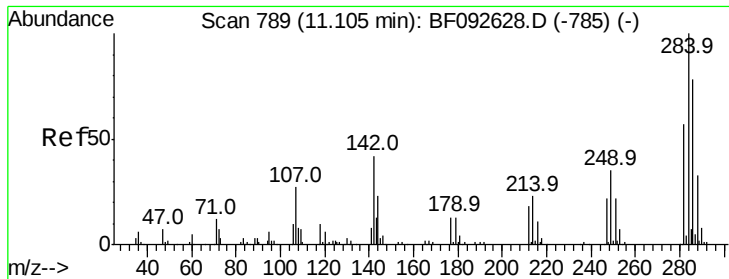
Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:	248	Resp:	179793
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	83.3	68.2	102.4





#67

Hexachlorobenzene

Concen: 39.93 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

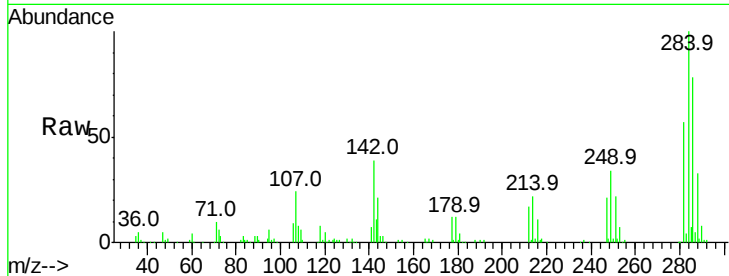
ClientSampled :

SSTDCCC040

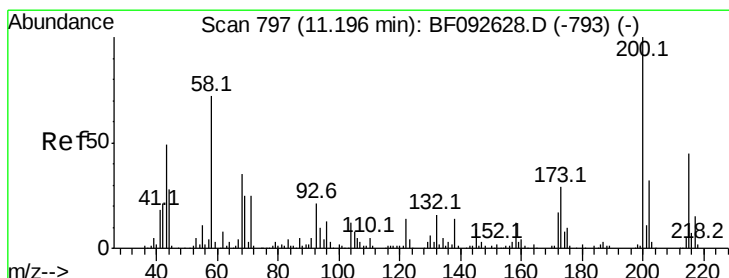
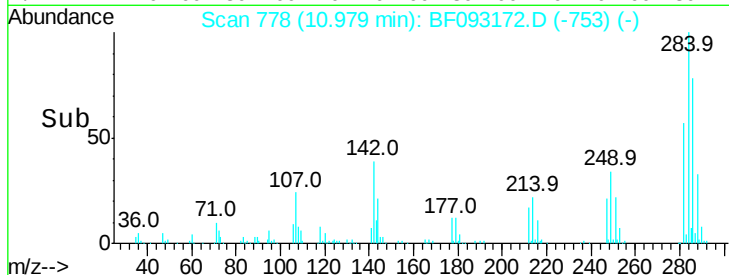
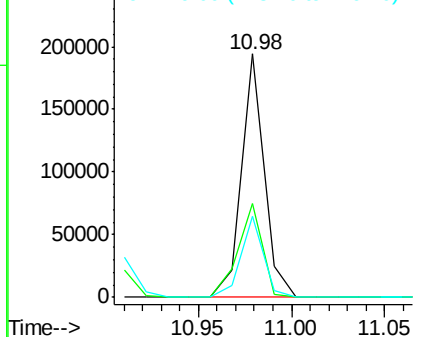
Tot Ion:	284	Resp:	165360
Ion Ratio	Lower	Upper	
284	100		
142	38.5	22.6	33.8#
249	33.6	25.4	38.0

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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: 36.64 ng

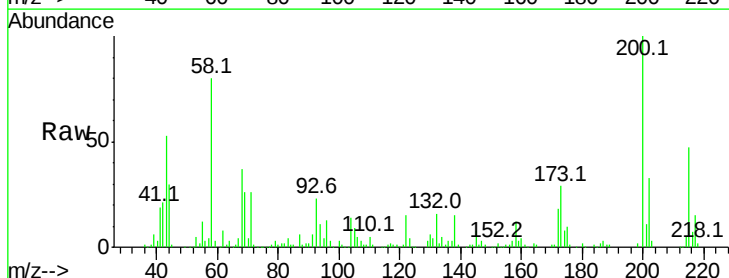
RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

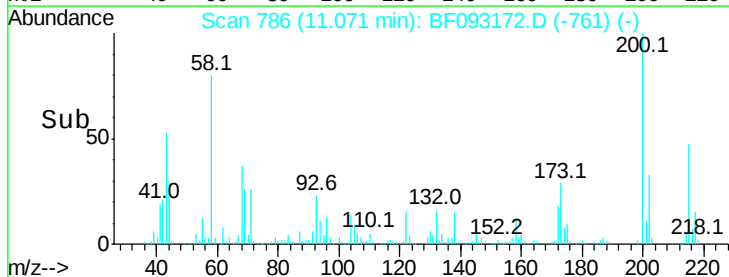
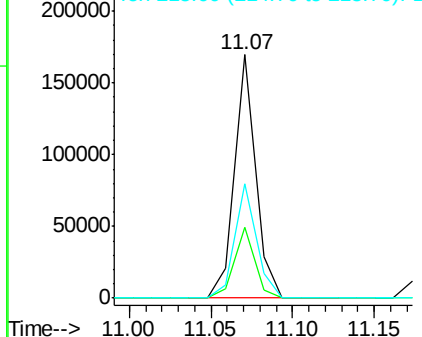
Lab File: BF093172.D

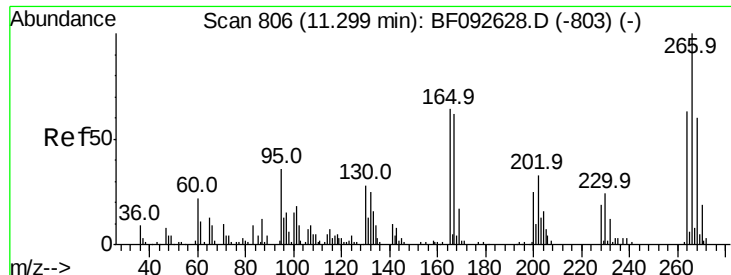
Acq: 25 Feb 2017 5:36

Tgt Ion:	200	Resp:	150647
Ion Ratio	Lower	Upper	
200	100		
173	29.1	9.6	49.6
215	47.0	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





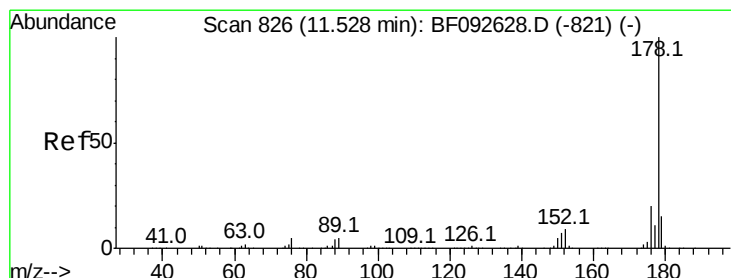
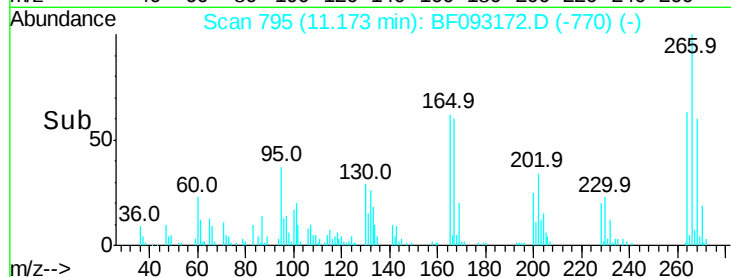
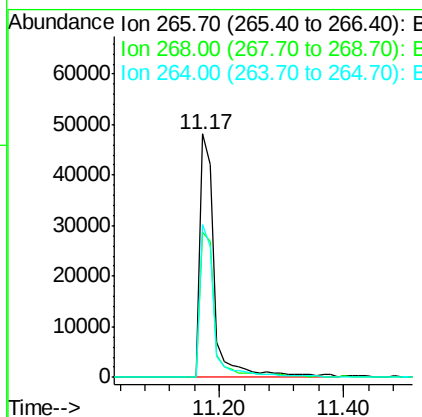
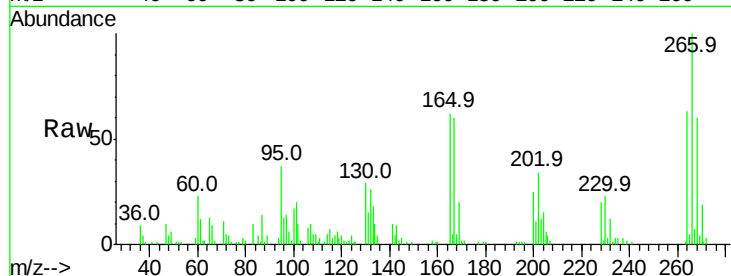
#69
 Pentachlorophenol
 Concen: 40.78 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.6	53.3	79.9
264	62.7	50.3	75.5

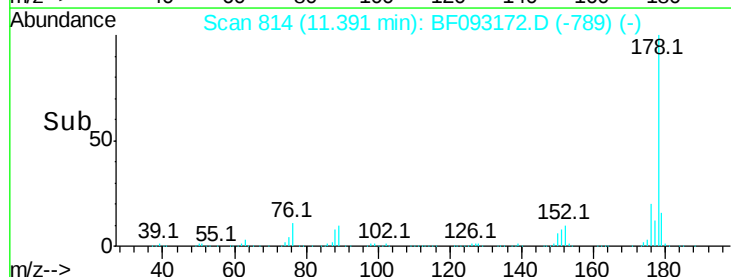
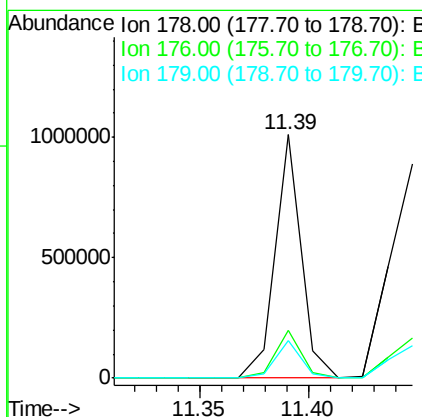
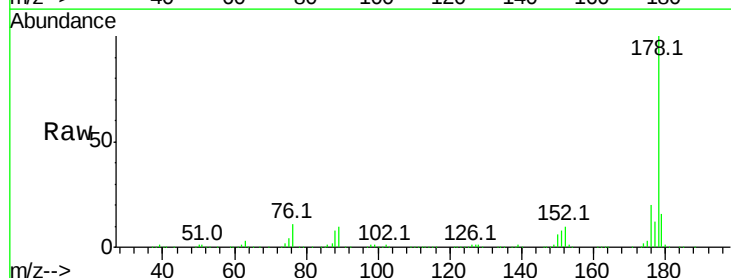
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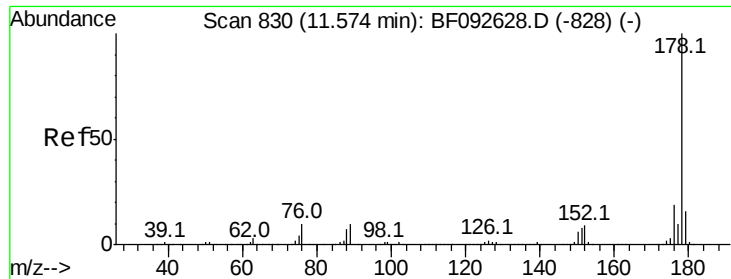
mohammad
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#70
 Phenanthrene
 Concen: 37.21 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.6	12.8	19.2





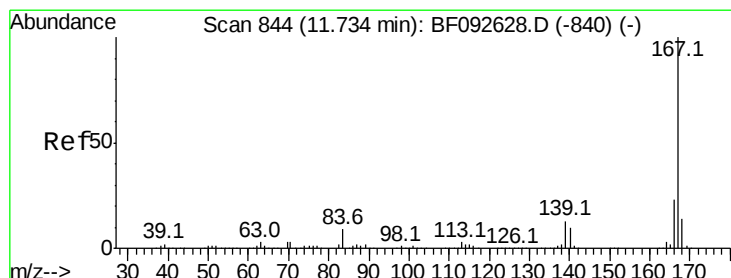
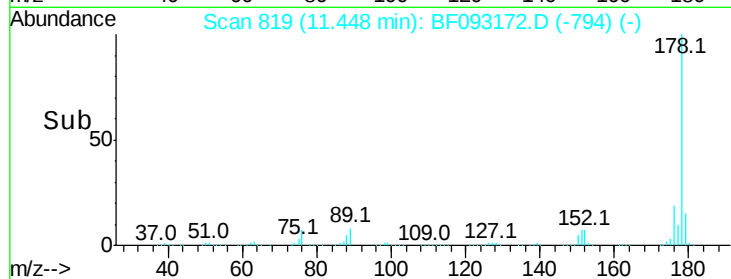
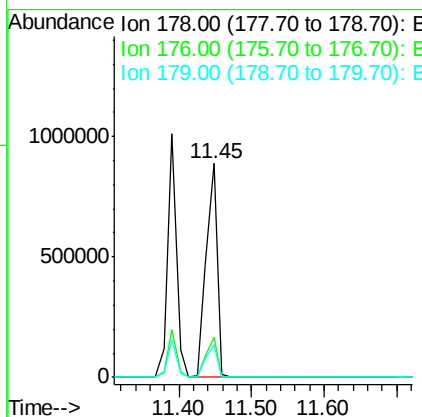
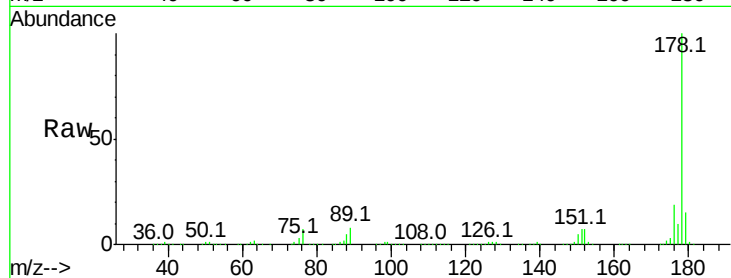
#71
 Anthracene
 Concen: 41.12 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.2	19.8

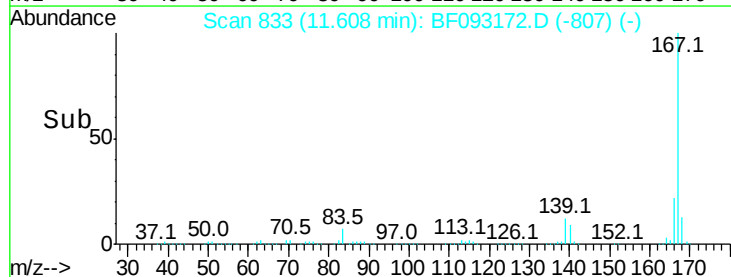
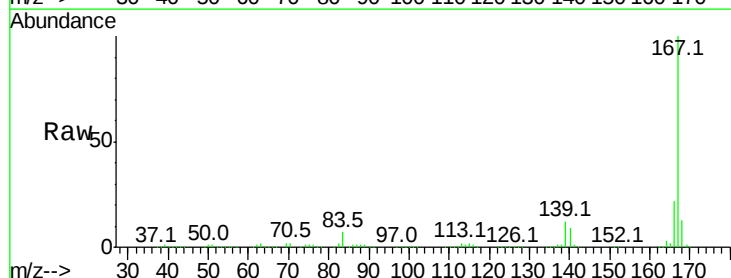
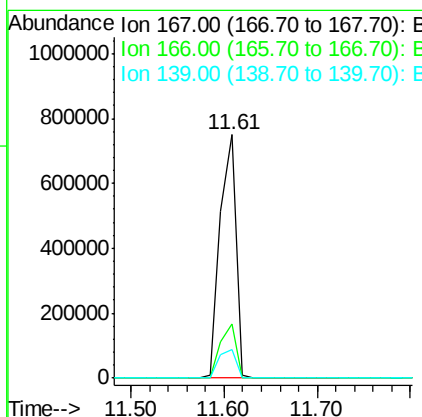
Manual Integrations
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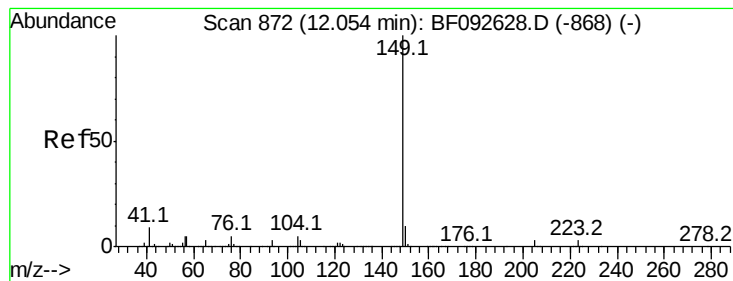
mohammad
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#72
 Carbazole
 Concen: 40.18 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	11.7	11.4	17.2





#73

Di-n-butylphthalate

Concen: 41.99 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1001618

Ion Ratio Lower Upper

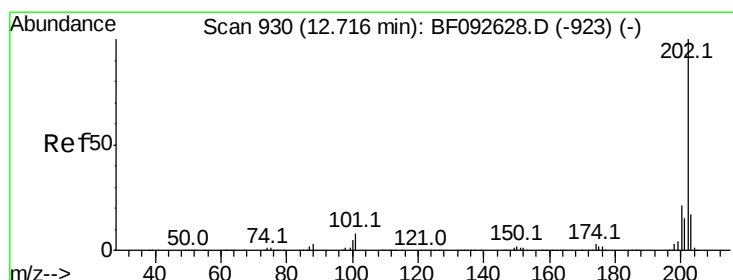
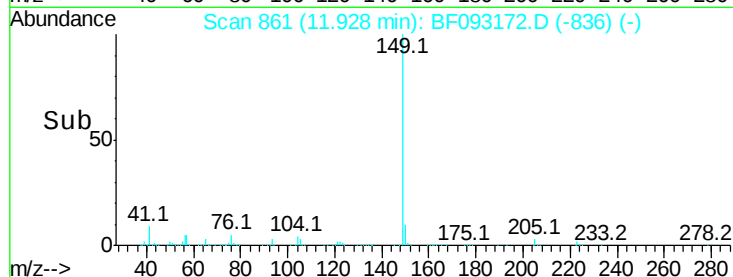
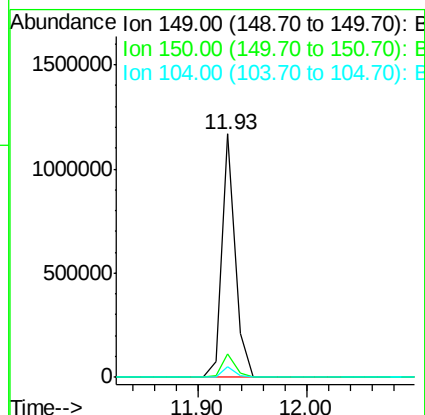
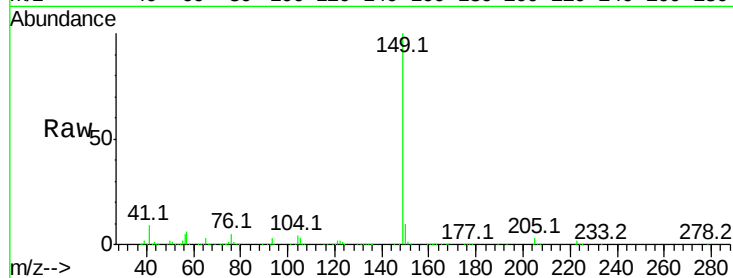
149 100

150 9.5 8.1 12.1

104 4.5 4.6 7.0#

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#74

Fluoranthene

Concen: 36.15 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

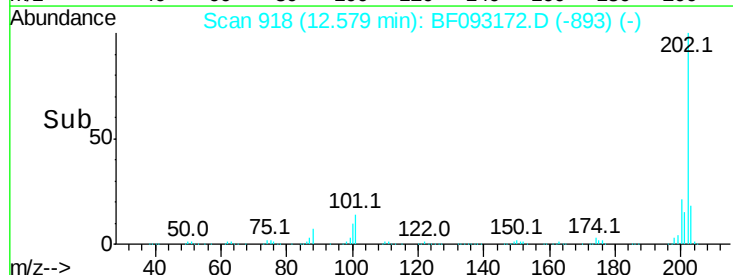
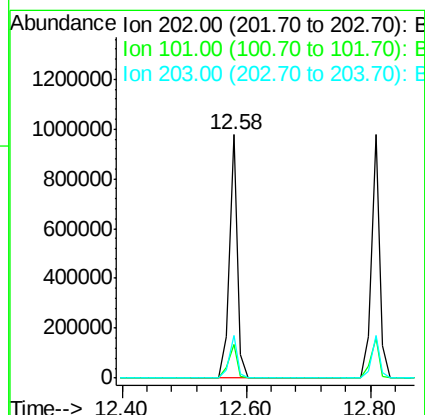
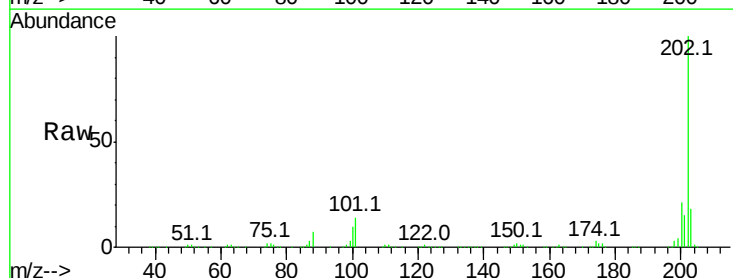
Tgt Ion:202 Resp: 856711

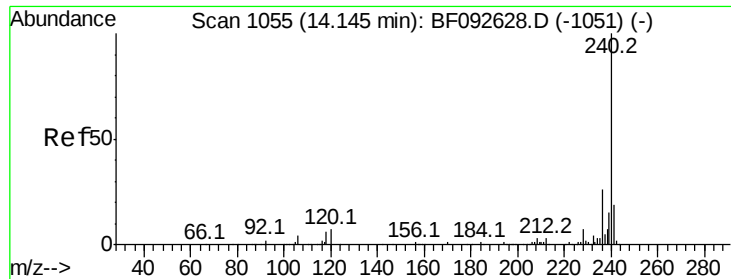
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

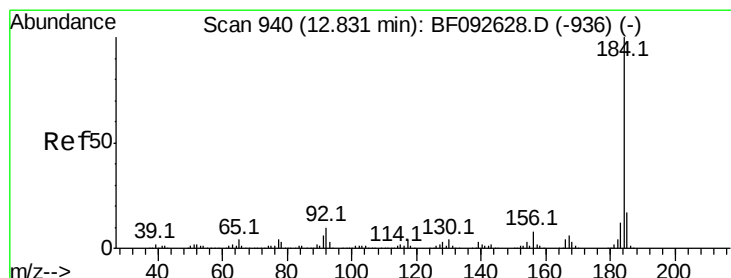
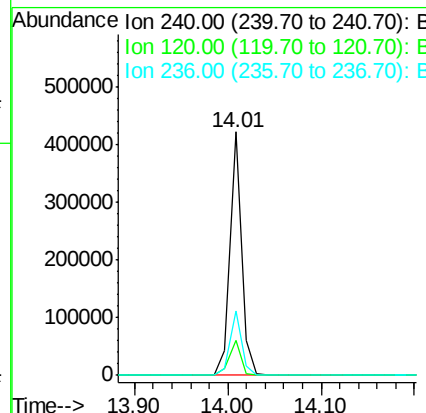
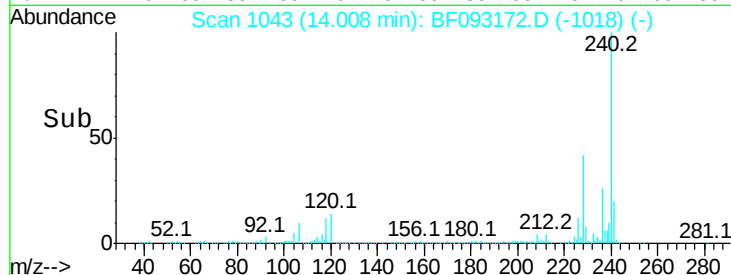
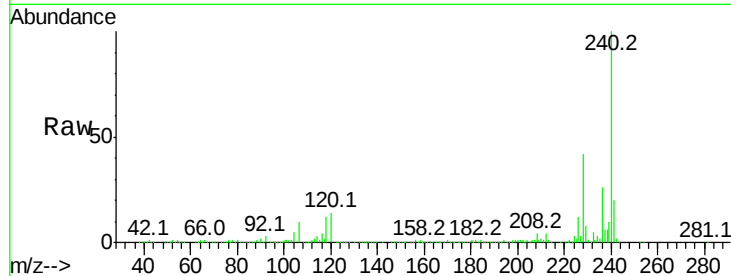
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	365503
Ion Ratio	Lower	Upper	
240	100		
120	14.3	12.9	19.3
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 33.98 ng

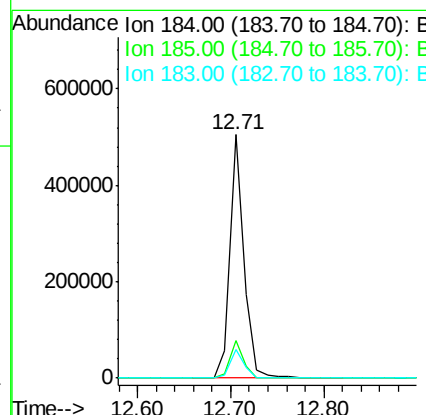
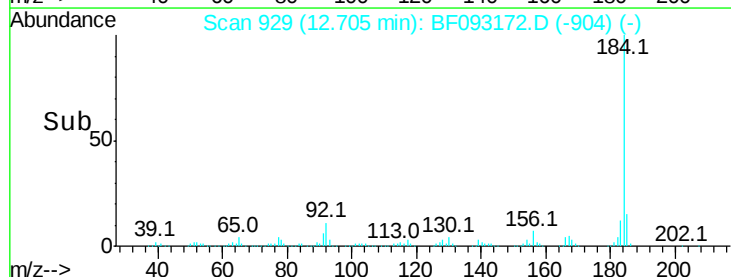
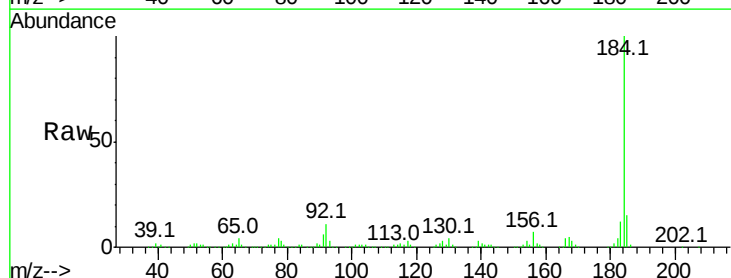
RT: 12.71 min Scan# 929

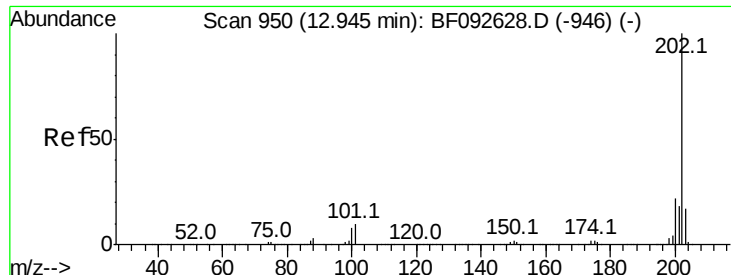
Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion:	184	Resp:	529286
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.4	20.0
183	12.0	9.2	13.8





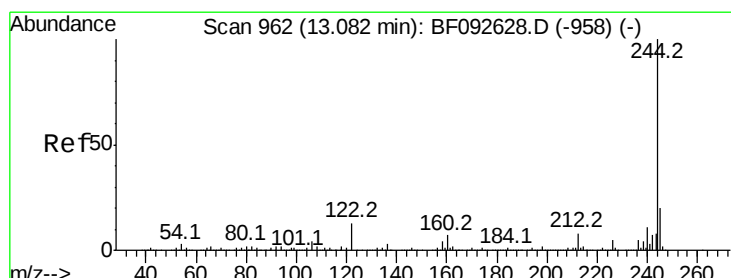
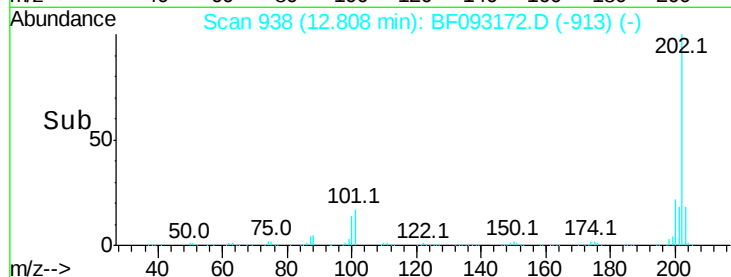
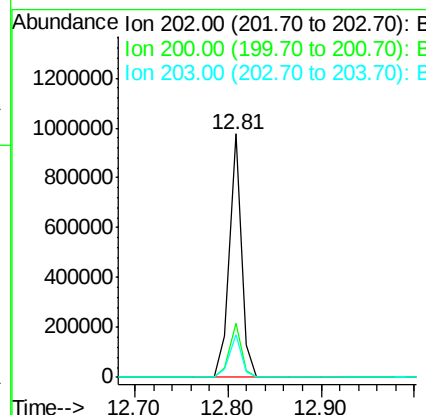
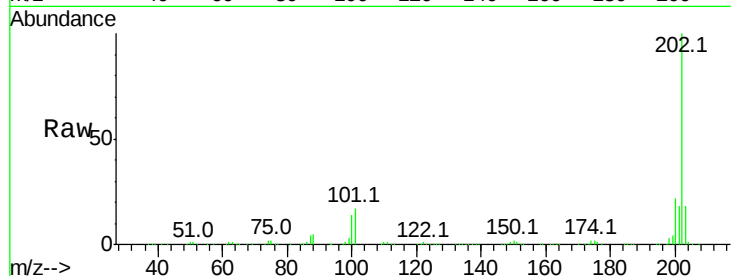
#77
Pvrene
Concen: 32.11 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.5	14.7	22.1

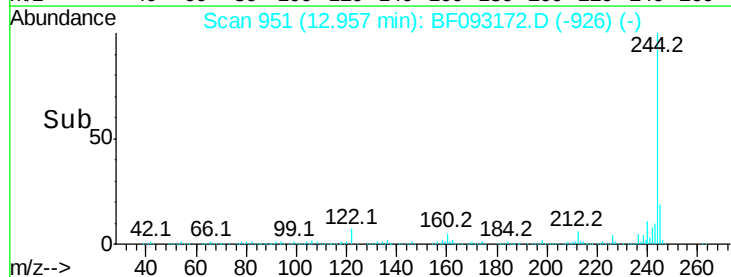
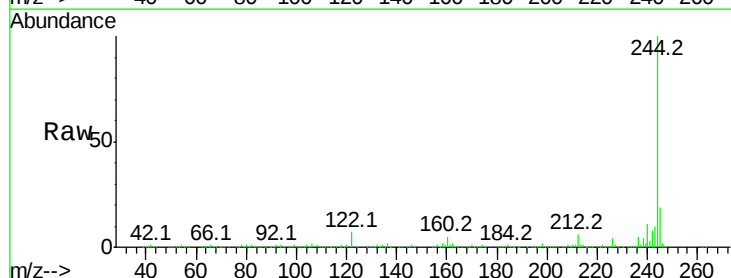
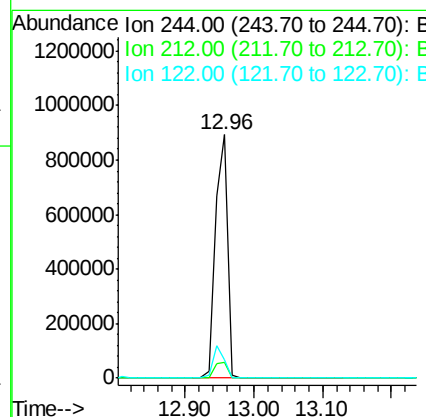
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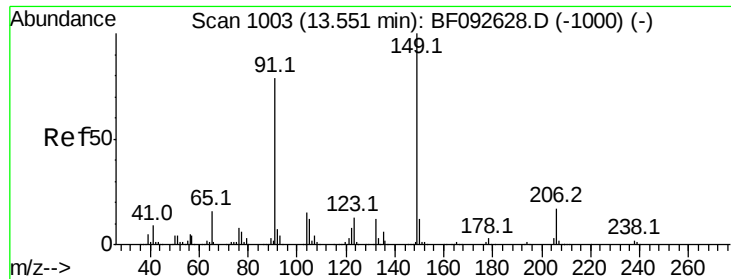
mohammad
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#78
Terphenyl-d14
Concen: 70.86 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	7.3	11.4	17.2#





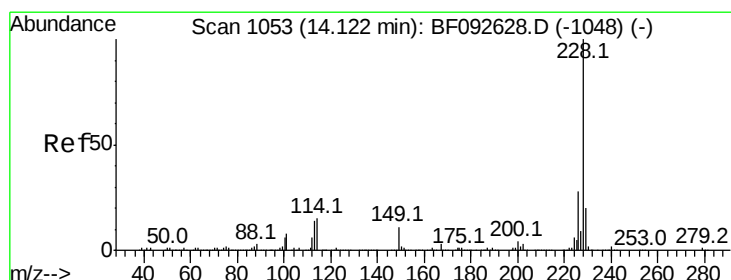
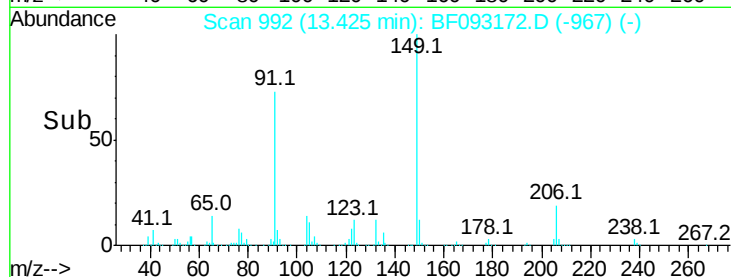
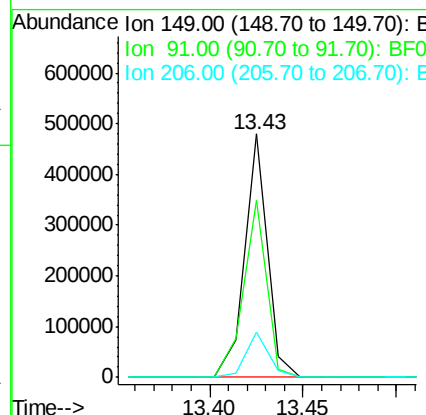
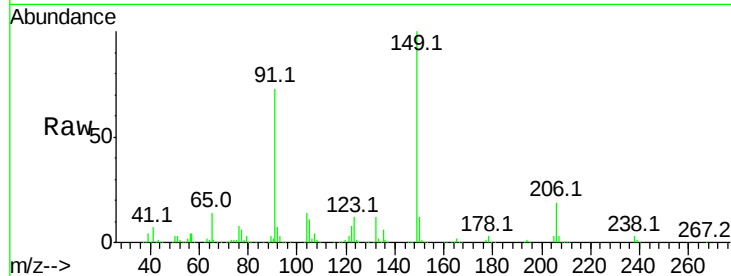
#79
Butylbenzylphthalate
Concen: 36.74 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	408096		
91	72.7	63.9	95.9	
206	18.8	14.6	21.8	

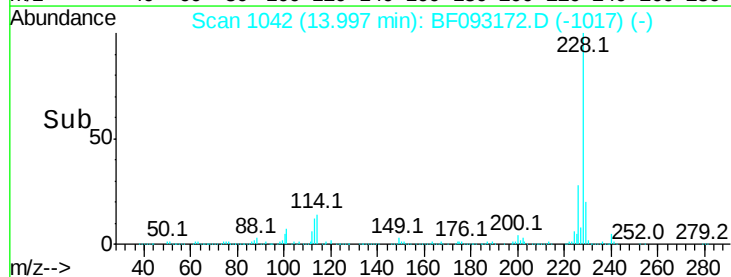
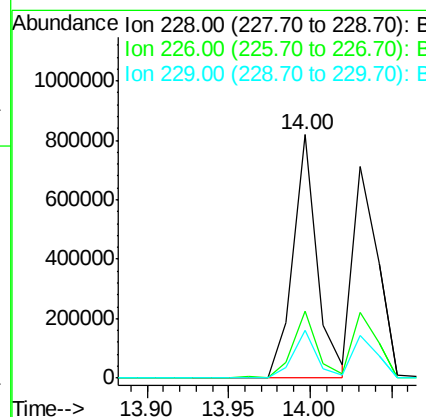
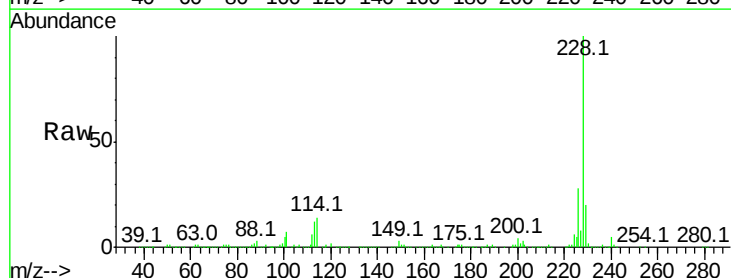
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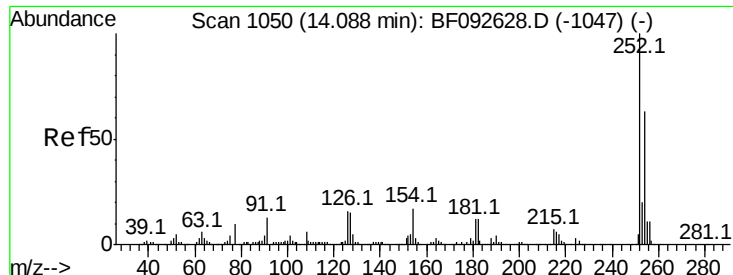
mohammad
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#80
Benzo(a)anthracene
Concen: 37.88 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	846713		
226	27.6	22.4	33.6	
229	19.7	16.2	24.4	





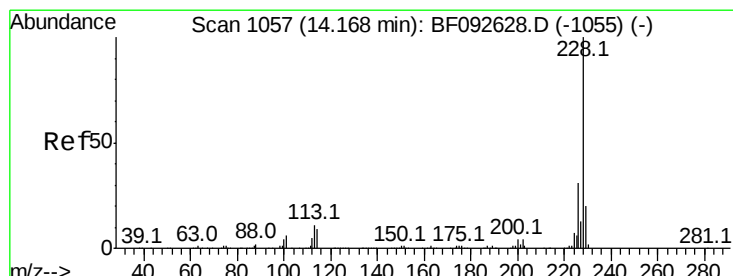
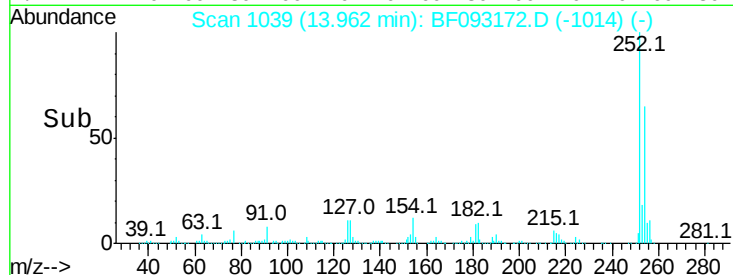
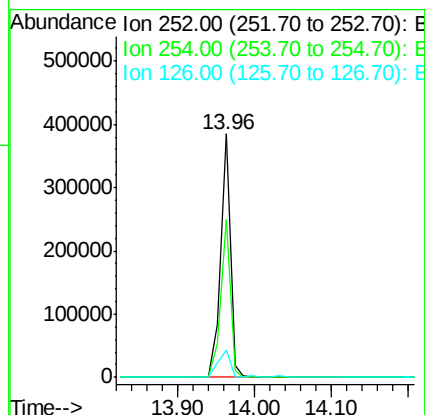
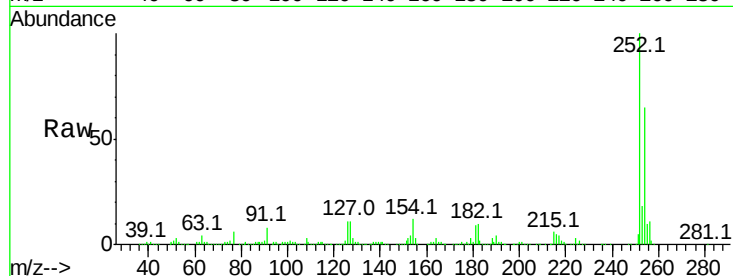
#81
 3,3'-Dichlorobenzidine
 Concen: 42.58 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.3	78.5
126	11.2	13.6	20.4

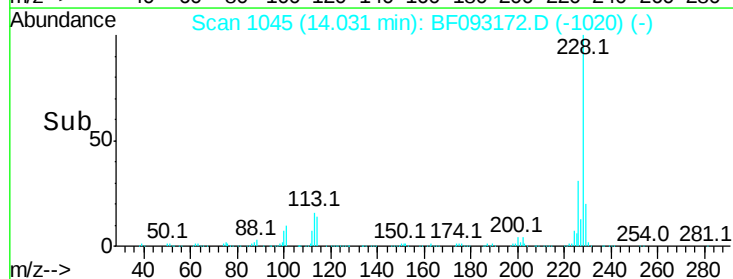
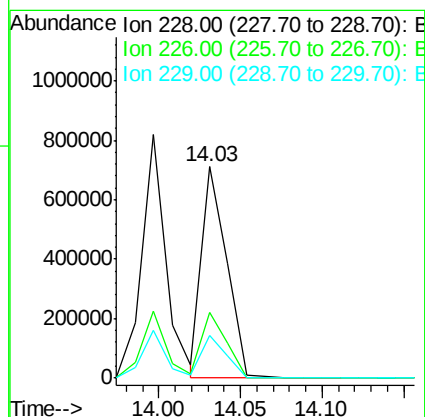
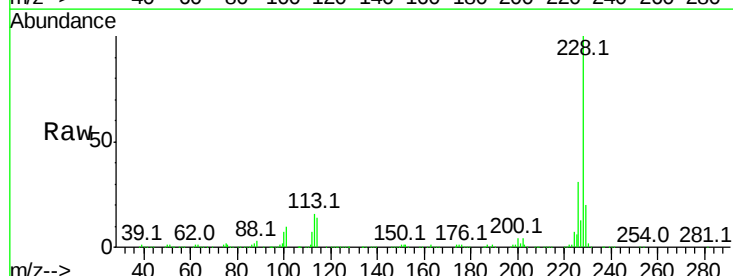
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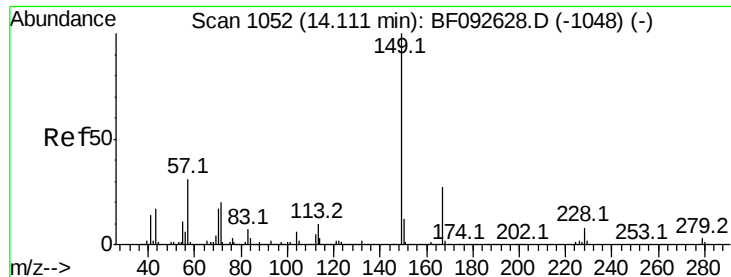
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#82
 Chrysene
 Concen: 36.27 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.5	16.2	24.2





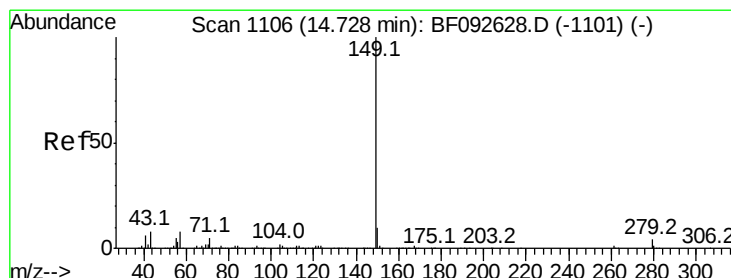
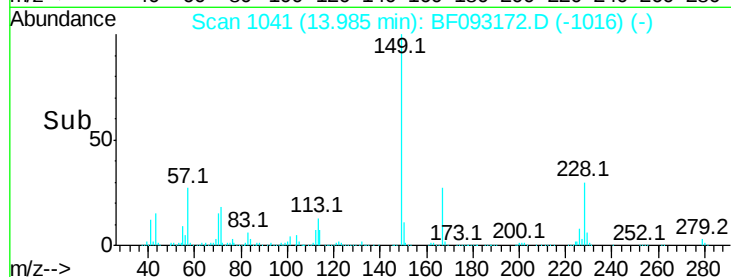
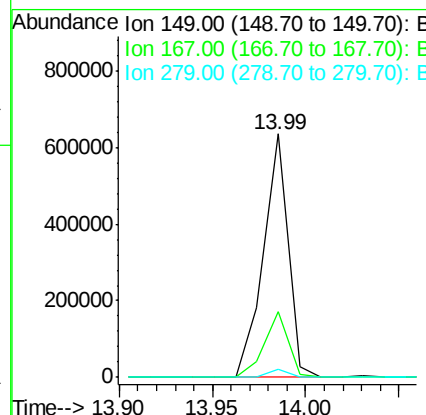
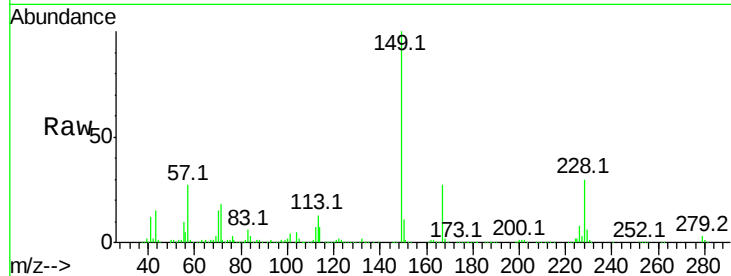
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.31 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581989		
167	26.8	20.2	30.4	
279	3.3	1.8	2.8#	

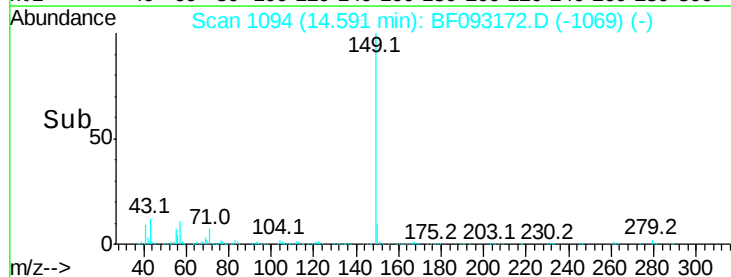
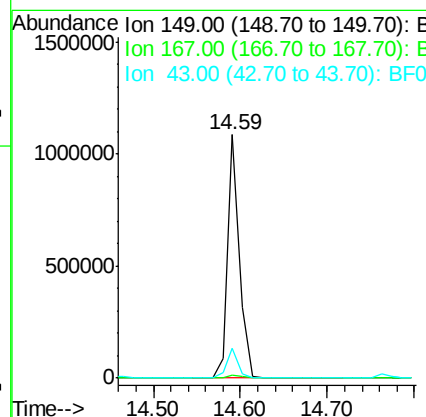
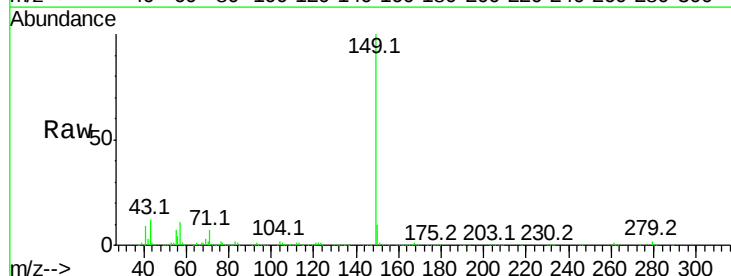
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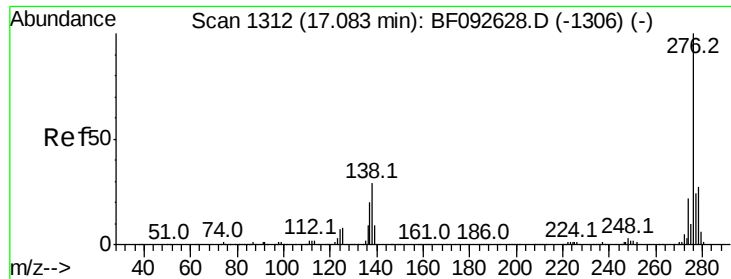
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.74 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1032470		
167	1.5	1.3	1.9	
43	11.9	8.9	13.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.42 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 671558

Ion Ratio Lower Upper

276 100

138 34.0 21.8 32.6#

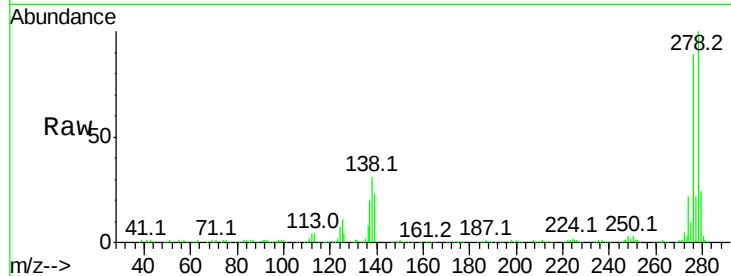
277 25.2 20.2 30.4

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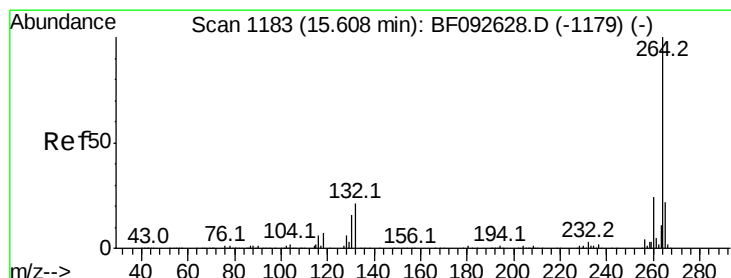
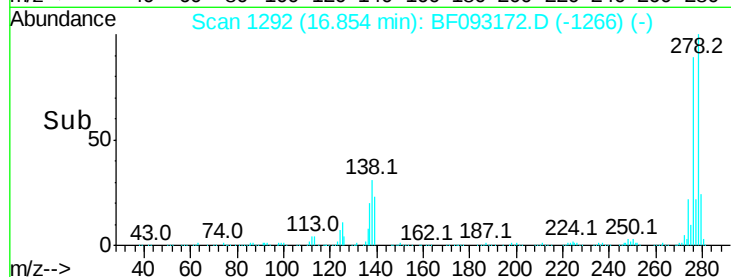
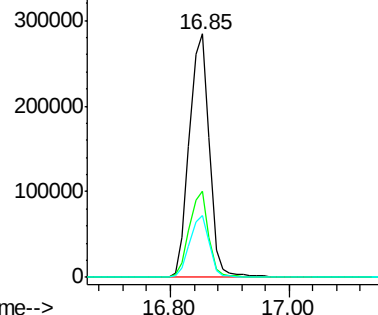
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

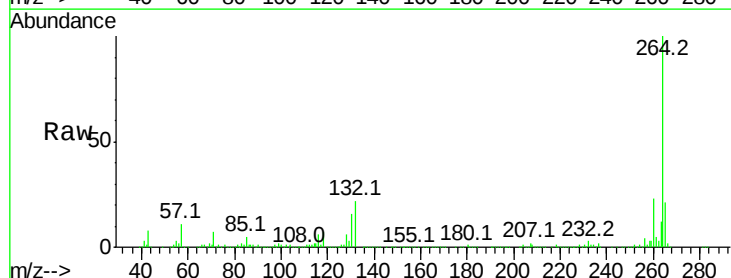
Tgt Ion:264 Resp: 333806

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

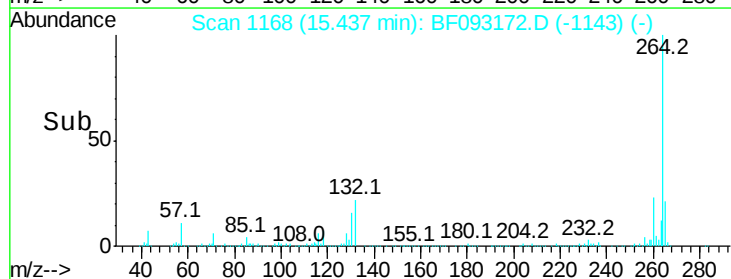
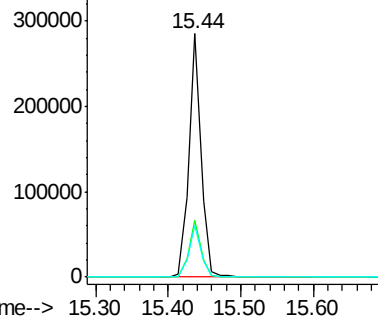
265 21.3 17.4 26.0

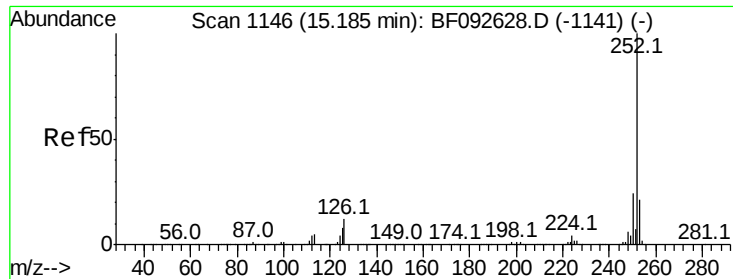


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.01 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

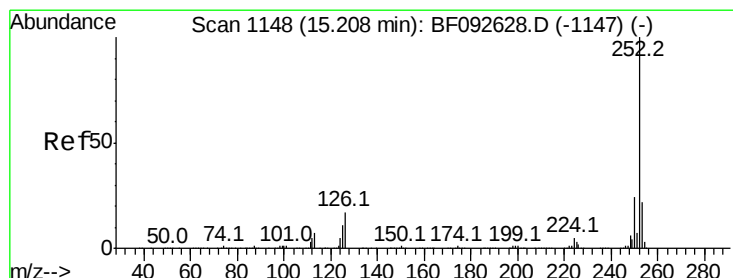
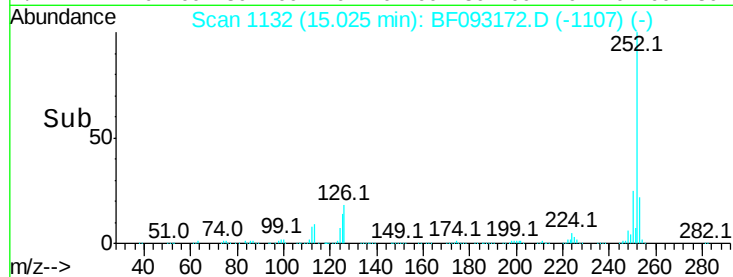
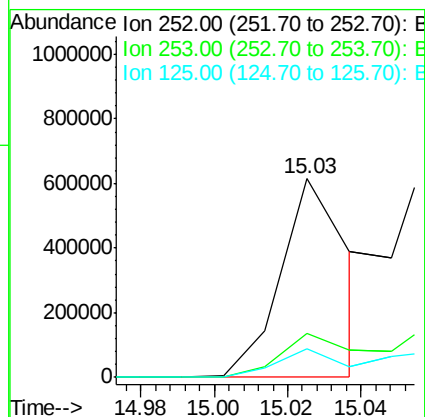
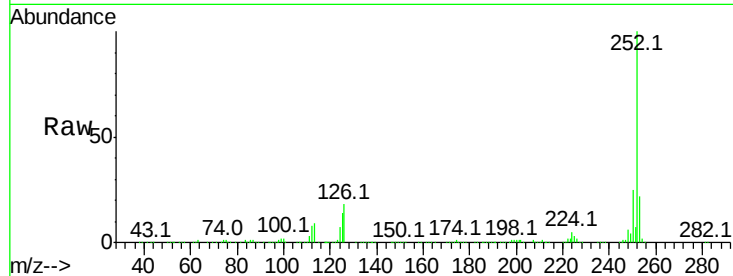
Instrument :
BNA_F

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	14.2	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 44.12 ng m

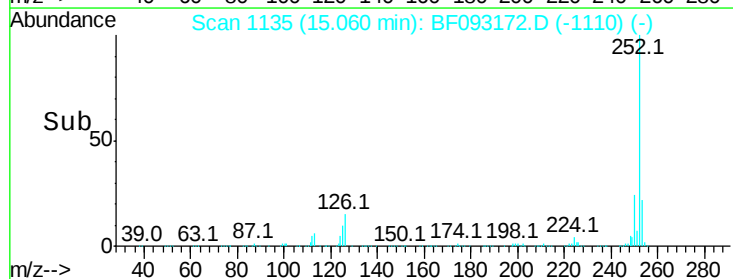
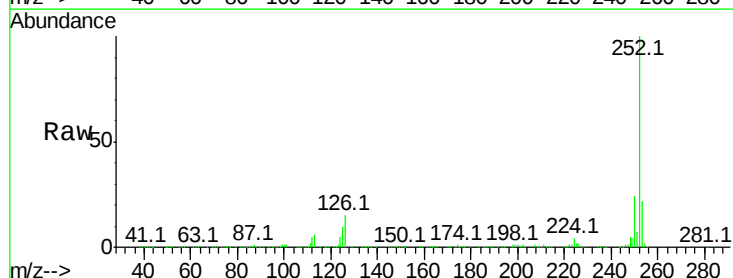
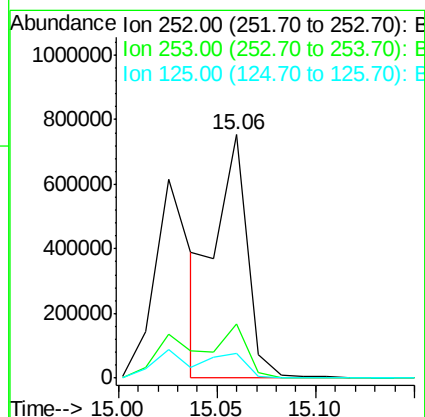
RT: 15.06 min Scan# 1135

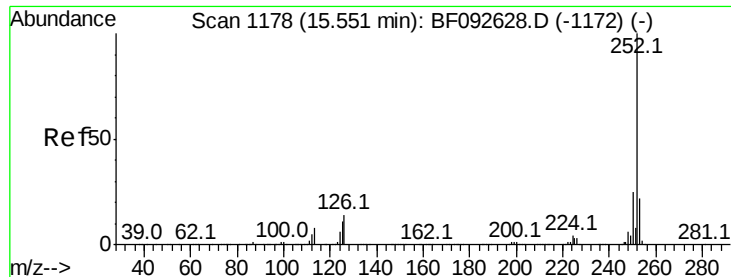
Delta R.T. -0.01 min

Lab File: BF093172.D

Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	10.4	8.9	13.3





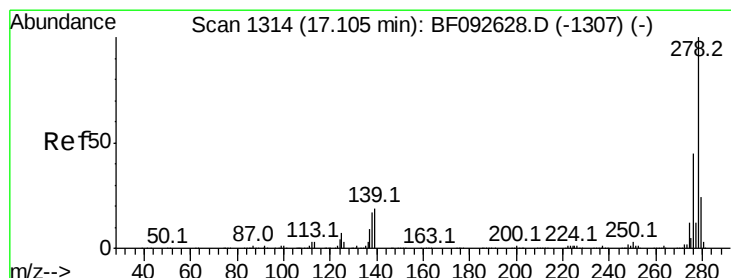
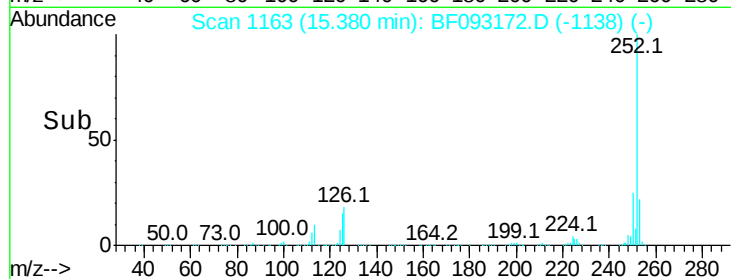
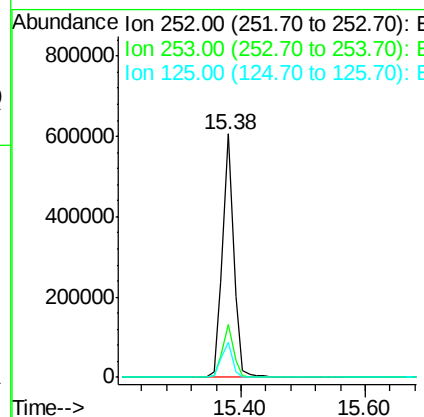
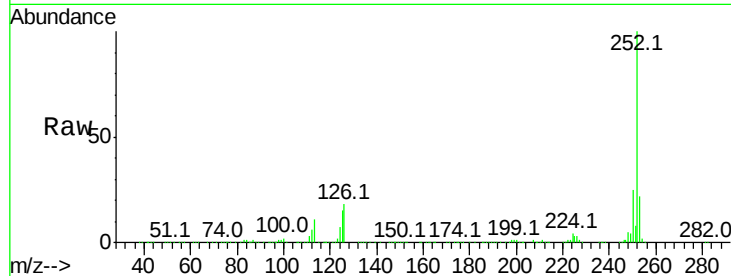
#89
Benzo(a)pyrene
Concen: 39.46 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.6	10.0	15.0

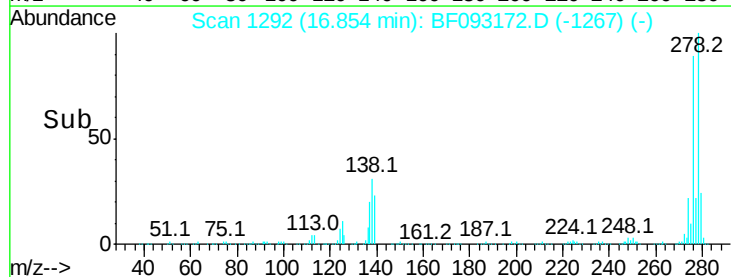
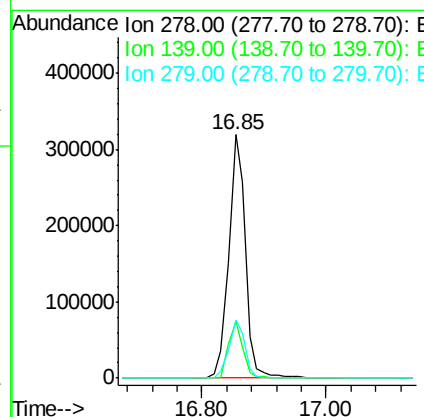
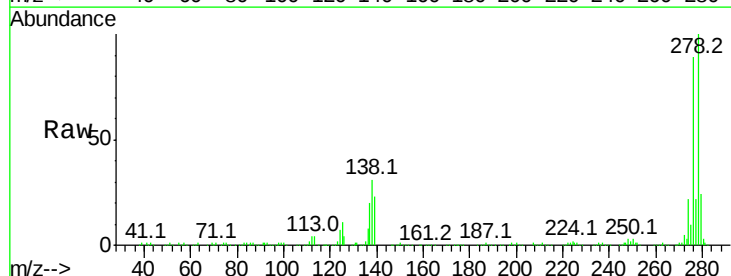
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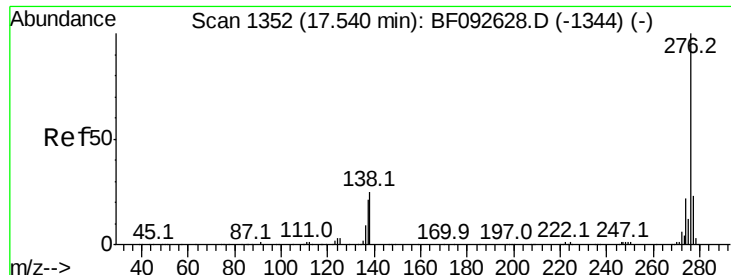
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093172.D
Acq: 25 Feb 2017 5:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.8	22.2#
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.50 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093172.D
 Acq: 25 Feb 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	19.2	28.8
138	27.0	16.0	24.0

Manual Integrations
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