

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093198.D
 Acq On : 27 Feb 2017 10:11
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:28:23 PM

Quant Time: Feb 27 10:56:49 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	215879	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	879228	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	475217	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	757112	20.00	ng	0.00
75) Chrysene-d12	14.02	240	549913	20.00	ng	0.00
86) Perylene-d12	15.44	264	443755	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	997022	79.23	ng	-0.02
7) Phenol-d6	6.49	99	1261638	77.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	1270627	80.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	235255	68.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1898578	72.38	ng	-0.01
78) Terphenyl-d14	12.96	244	1767215	75.51	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	273597	40.24	ng	# 85
3) Pyridine	3.08	79	762474	44.10	ng	86
4) n-Nitrosodimethylamine	3.06	42	360255	44.38	ng	85
6) Aniline	6.50	93	852765	38.61	ng	89
8) 2-Chlorophenol	6.62	128	573542	41.32	ng	91
9) Benzaldehyde	6.37	77	395560	34.10	ng	91
10) Phenol	6.50	94	765671	40.42	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	611149	40.42	ng	90
12) 1,3-Dichlorobenzene	6.77	146	683754	42.05	ng	98
13) 1,4-Dichlorobenzene	6.85	146	684590m	41.60	ng	
14) 1,2-Dichlorobenzene	7.00	146	571182	36.30	ng	98
15) Benzyl Alcohol	6.99	79	444789	37.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	996130	37.92	ng	82
17) 2-Methylphenol	7.10	107	474434	39.84	ng	95
18) Hexachloroethane	7.34	117	236687	42.13	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	428599	41.59	ng	98
20) 3+4-Methylphenols	7.26	107	569000	39.96	ng	# 80
22) Acetophenone	7.25	105	778348	38.77	ng	# 98
24) Nitrobenzene	7.42	77	627002	38.67	ng	99
25) Isophorone	7.68	82	1234067	41.95	ng	99
26) 2-Nitrophenol	7.74	139	323146	41.93	ng	97
27) 2,4-Dimethylphenol	7.79	122	499389	36.90	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	774462	39.75	ng	99
29) 2,4-Dichlorophenol	8.00	162	514077	40.73	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	509412	37.45	ng	# 94
31) Naphthalene	8.14	128	1632353	36.62	ng	100
32) Benzoic acid	7.95	122	270958	37.23	ng	98
33) 4-Chloroaniline	8.20	127	657459	37.61	ng	94
34) Hexachlorobutadiene	8.26	225	265725	35.51	ng	99
35) Caprolactam	8.60	113	155201	39.09	ng	# 27
36) 4-Chloro-3-methylphenol	8.70	107	511234	38.85	ng	99
37) 2-Methylnaphthalene	8.84	142	981445	34.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	489571	36.70	ng	99
40) Hexachlorocyclopentadiene	8.99	237	210268	34.94	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	321600	36.69	nq	91
43) 2,4,5-Trichlorophenol	9.18	196	358308	37.31	nq	# 82
45) 1,1'-Biphenyl	9.31	154	1191377	34.62	nq	97
46) 2-Chloronaphthalene	9.33	162	1035135	38.45	nq	94
47) 2-Nitroaniline	9.45	65	399469	44.14	nq	# 79
48) Acenaphthylene	9.76	152	1676940	36.06	nq	99
49) Dimethylphthalate	9.62	163	1198507	37.44	nq	98
50) 2,6-Dinitrotoluene	9.69	165	260663	37.71	nq	# 81
51) Acenaphthene	9.93	154	947338	34.07	nq	97
52) 3-Nitroaniline	9.86	138	303036	38.31	nq	99
53) 2,4-Dinitrophenol	9.97	184	140511	42.33	nq	# 85
54) Dibenzofuran	10.10	168	1206463	32.44	nq	96
55) 4-Nitrophenol	10.04	139	192957	33.87	nq	# 80
56) 2,4-Dinitrotoluene	10.10	165	342134	37.18	nq	91
57) Fluorene	10.44	166	1072497	37.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	263365	41.11	nq	93
59) Diethylphthalate	10.32	149	1036188	34.35	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	443316	32.25	nq	90
61) 4-Nitroaniline	10.48	138	305773	37.74	nq	94
62) Azobenzene	10.59	77	1204118	38.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	213809	46.48	nq	82
65) n-Nitrosodiphenylamine	10.56	169	927021	38.33	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	311489	39.38	nq	# 89
67) Hexachlorobenzene	10.99	284	308158	39.42	nq	99
68) Atrazine	11.08	200	277945	35.81	nq	99
69) Pentachlorophenol	11.19	266	132877	37.17	nq	98
70) Phenanthrene	11.40	178	1538358	35.47	nq	100
71) Anthracene	11.46	178	1729359	39.70	nq	98
72) Carbazole	11.62	167	1726606	41.47	nq	97
73) Di-n-butylphthalate	11.94	149	1856229	41.22	nq	# 97
74) Fluoranthene	12.59	202	1656070	37.01	nq	97
76) Benzidine	12.72	184	860989	36.74	nq	98
77) Pyrene	12.82	202	1714424	41.66	nq	99
79) Butylbenzylphthalate	13.43	149	727050	43.50	nq	97
80) Benzo(a)anthracene	14.00	228	1334183	39.67	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	460255	38.39	nq	99
82) Chrysene	14.04	228	1328844	42.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	998744	43.70	nq	# 96
84) Di-n-octyl phthalate	14.59	149	1506147	40.47	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	959924	39.35	nq	# 93
87) Benzo(b)fluoranthene	15.03	252	1341323m	45.92	nq	
88) Benzo(k)fluoranthene	15.06	252	835165m	33.12	nq	
89) Benzo(a)pyrene	15.38	252	995149	39.39	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	811195	39.73	nq	96
91) Benzo(g,h,i)perylene	17.28	276	850603	41.24	nq	# 92

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

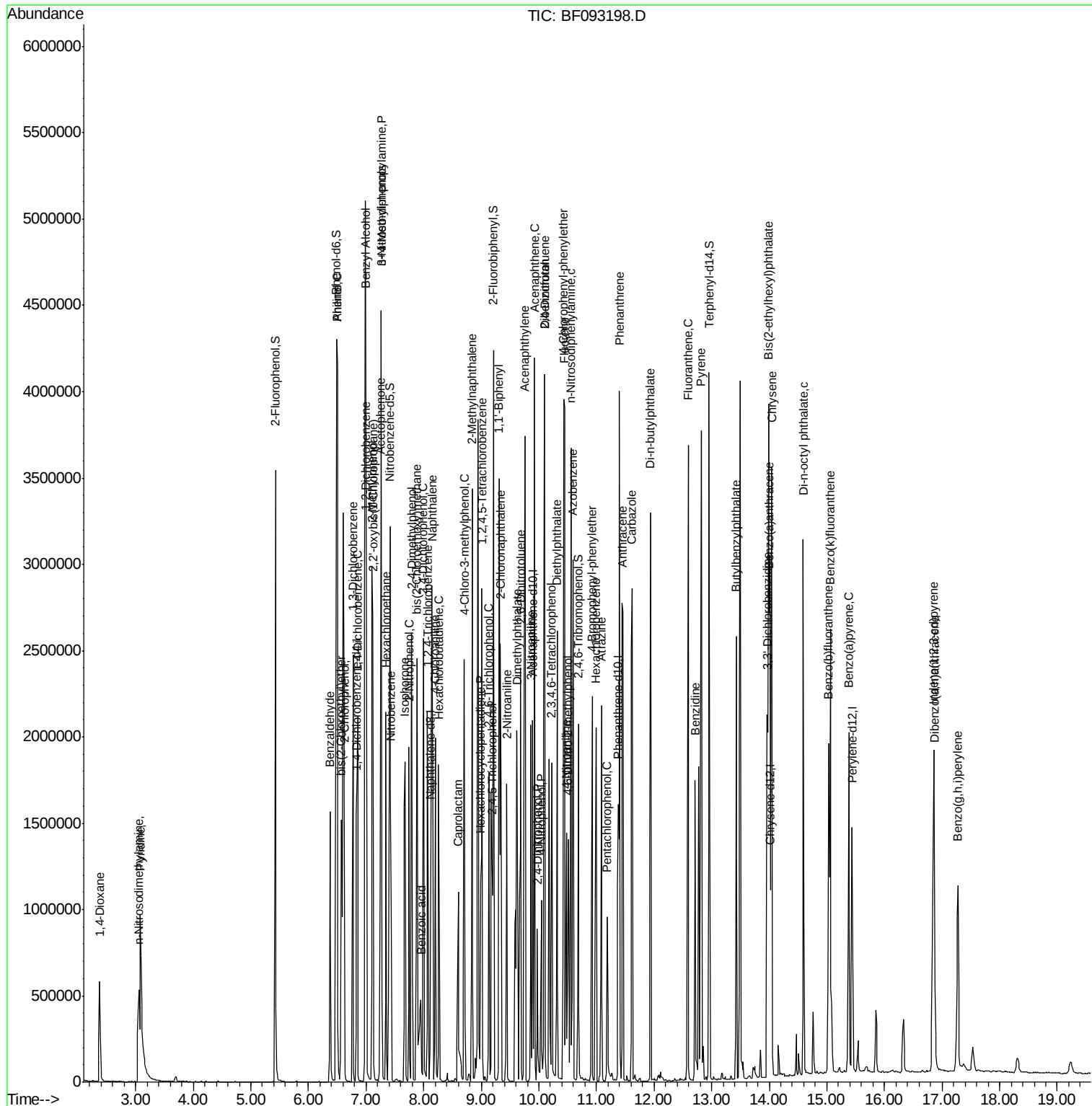
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ALS Vial  : 2      Sample Multiplier: 1
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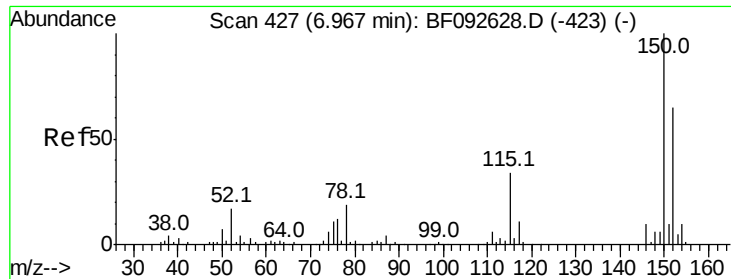
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

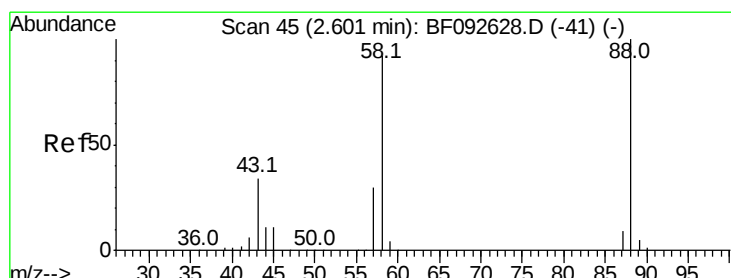
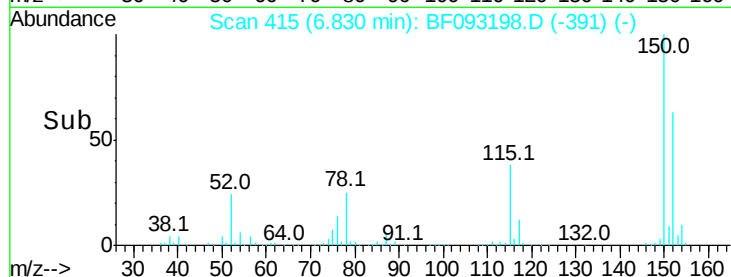
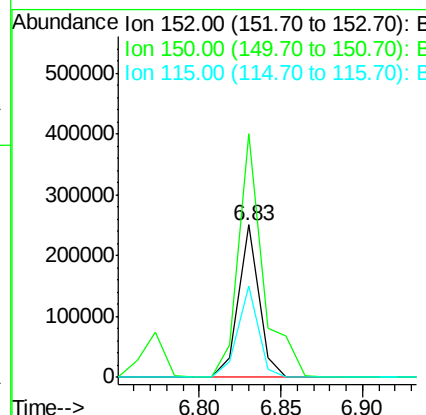
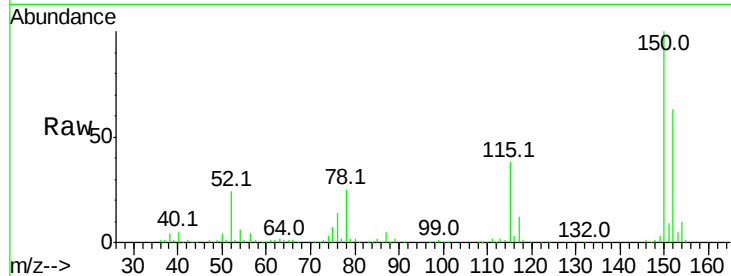
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	60.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.24 ng

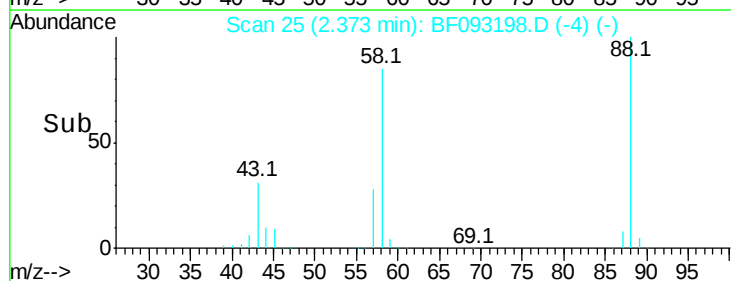
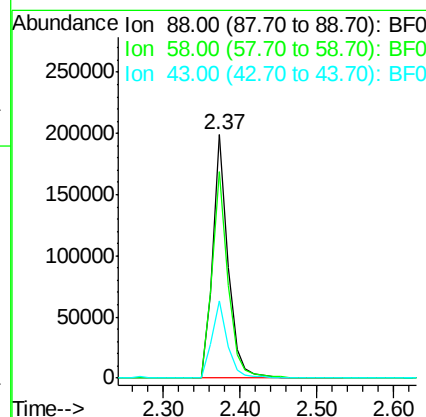
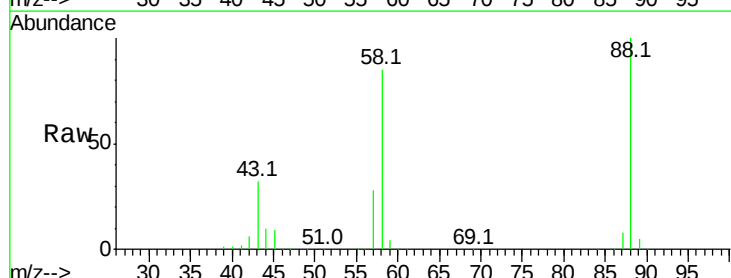
RT: 2.37 min Scan# 25

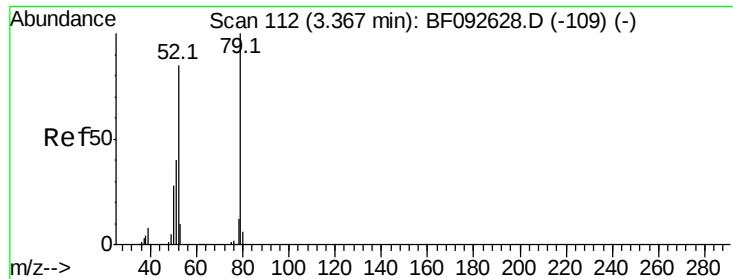
Delta R.T. -0.06 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	57.8	86.8#
43	31.3	22.3	33.5





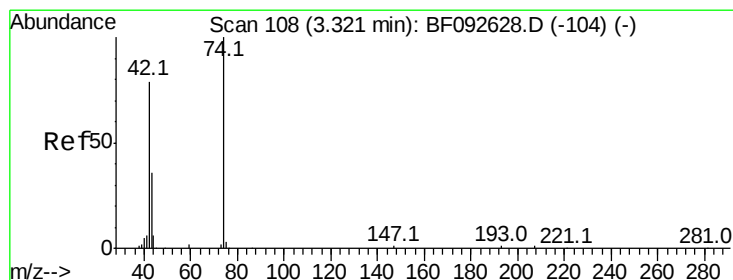
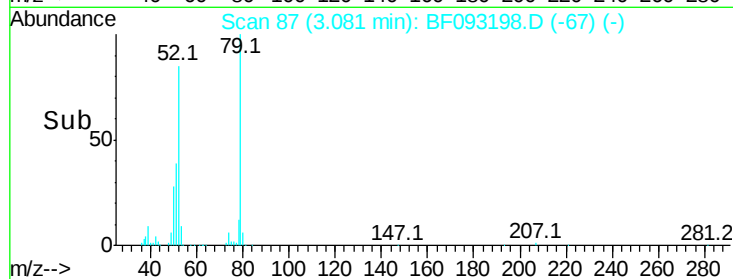
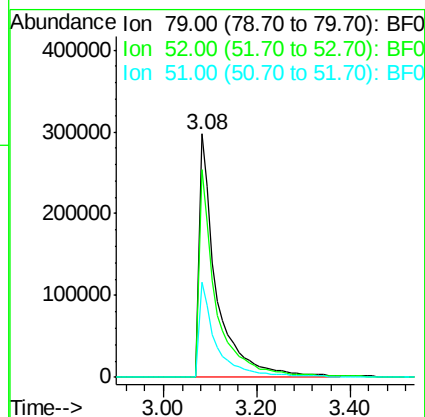
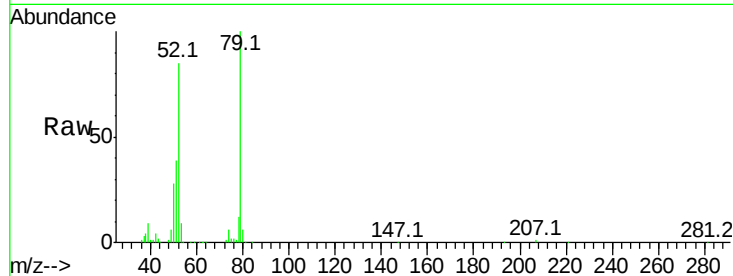
#3
Pvridine
Concen: 44.10 ng
RT: 3.08 min Scan# 87
Delta R.T. -0.07 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.1	57.1	85.7
51	39.1	27.3	40.9

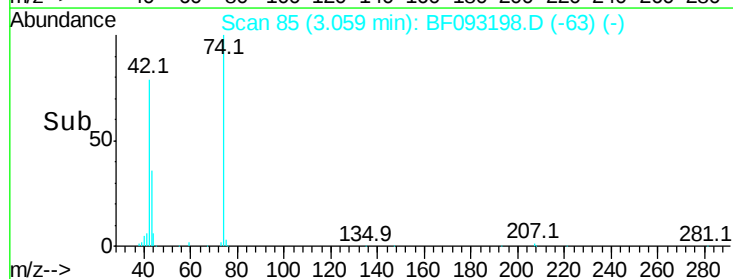
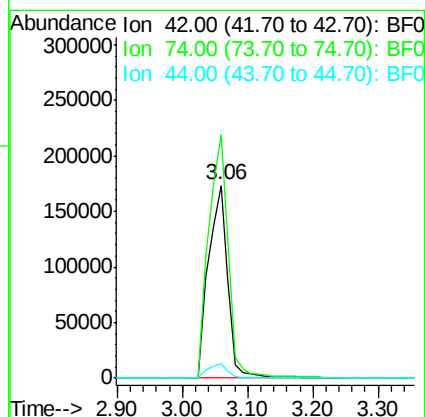
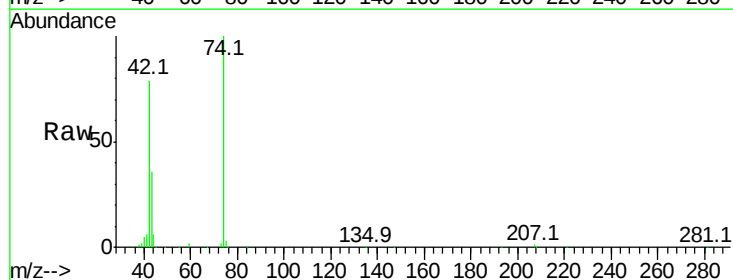
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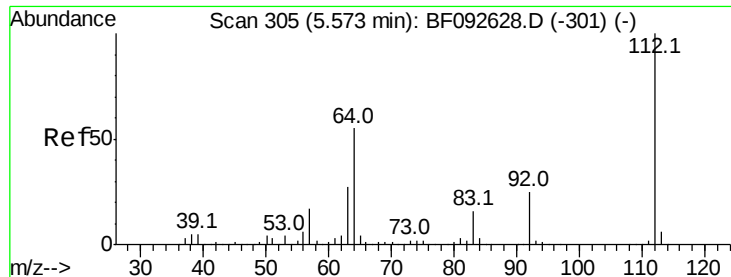
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#4
n-Nitrosodimethylamine
Concen: 44.38 ng
RT: 3.06 min Scan# 85
Delta R.T. -0.05 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

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





#5

2-Fluorophenol

Concen: 79.23 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

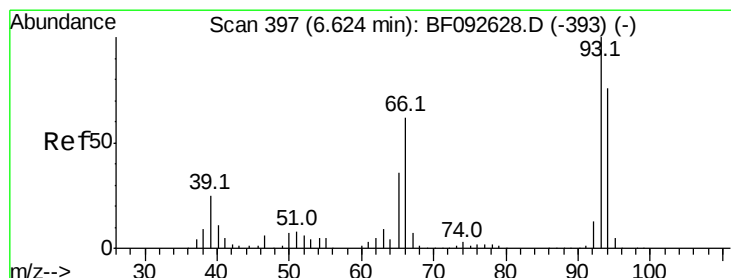
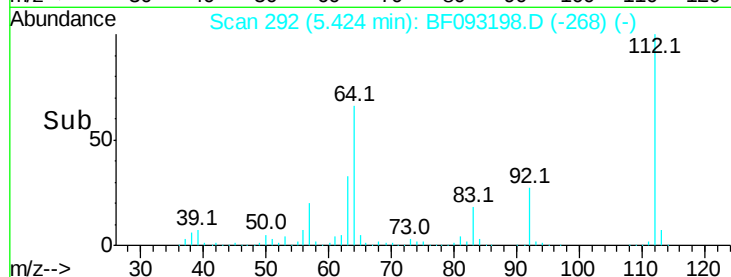
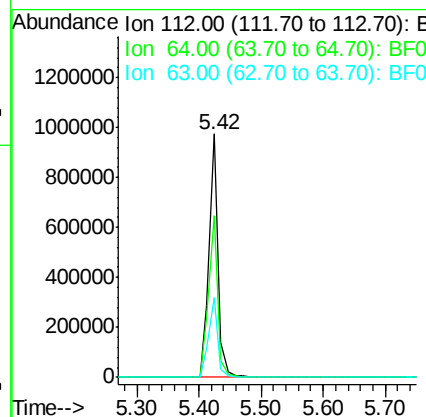
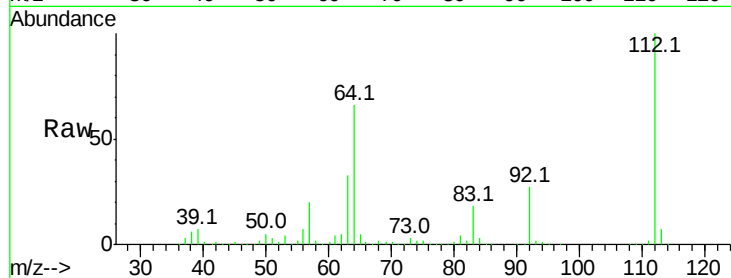
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	997022
Ion Ratio	Lower	Upper	
112	100		
64	66.3	46.1	69.1
63	32.8	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 38.61 ng

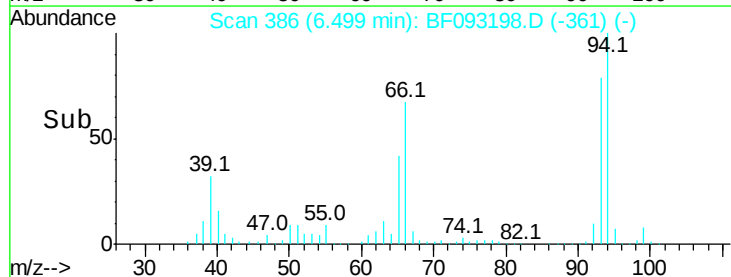
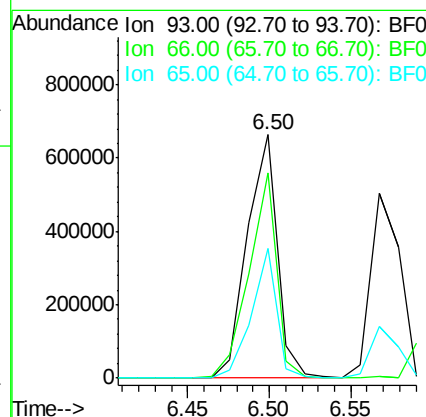
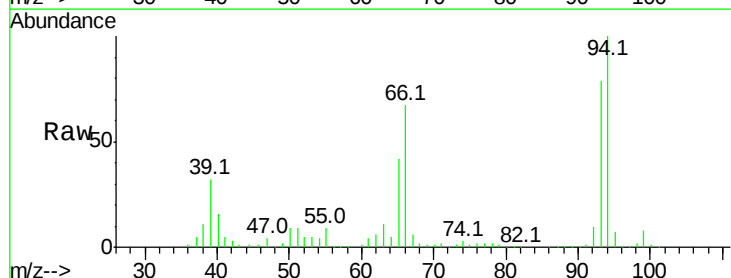
RT: 6.50 min Scan# 386

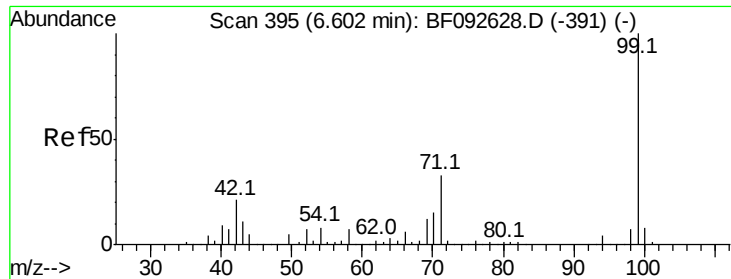
Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	93	Resp:	852765
Ion Ratio	Lower	Upper	
93	100		
66	84.1	76.2	114.2
65	53.4	49.3	73.9





#7

Phenol-d6

Concen: 77.93 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1261638

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

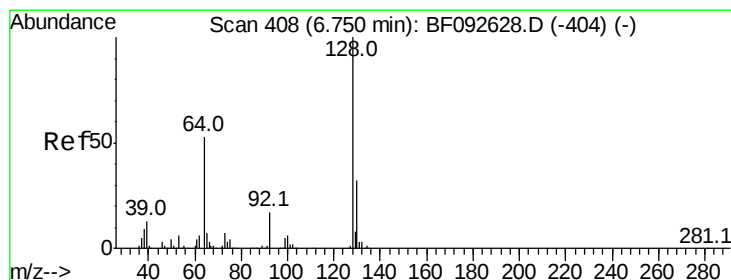
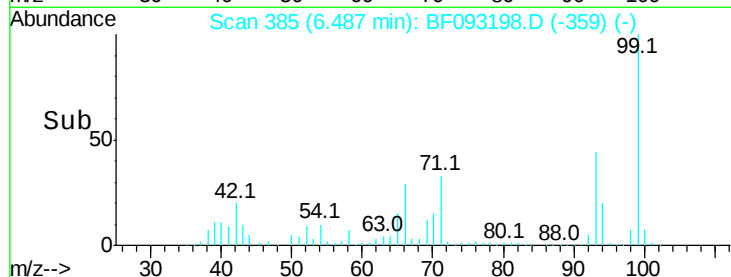
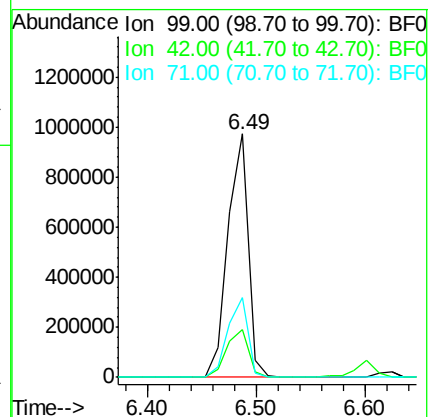
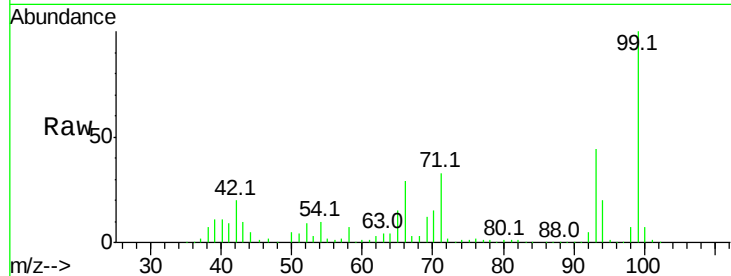
71 32.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 41.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

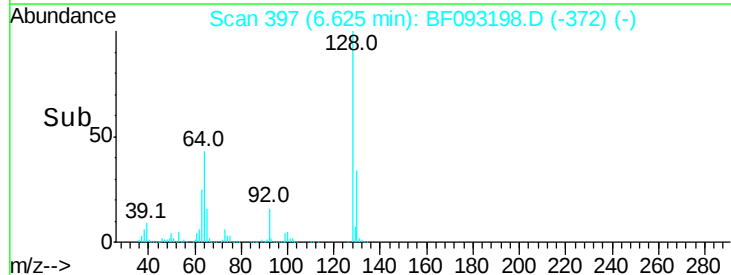
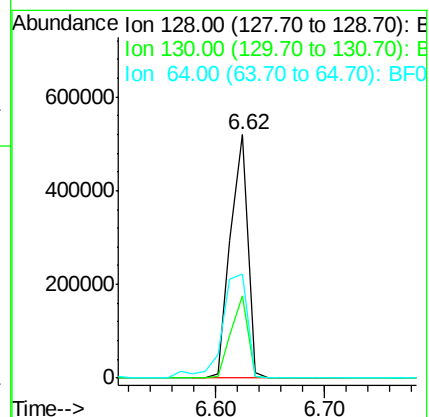
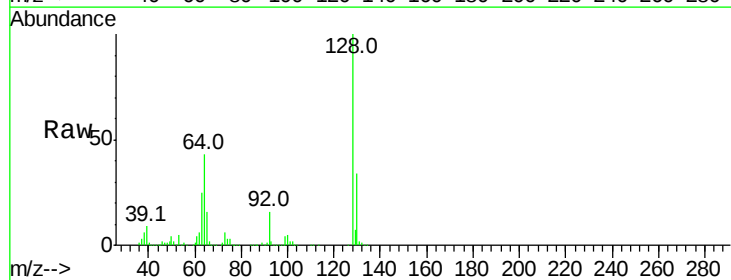
Tgt Ion: 128 Resp: 573542

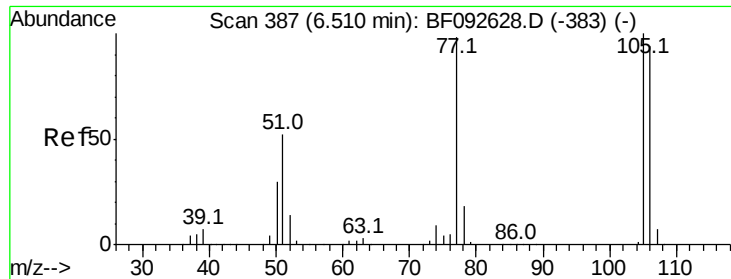
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 42.7 32.2 72.2





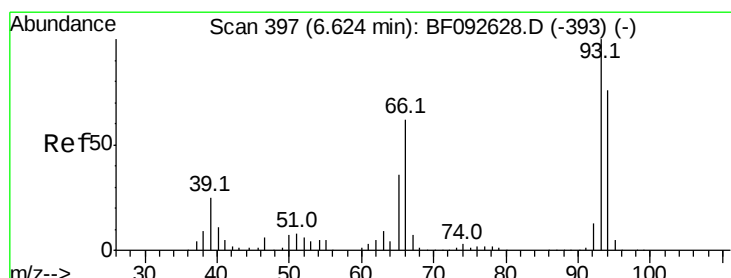
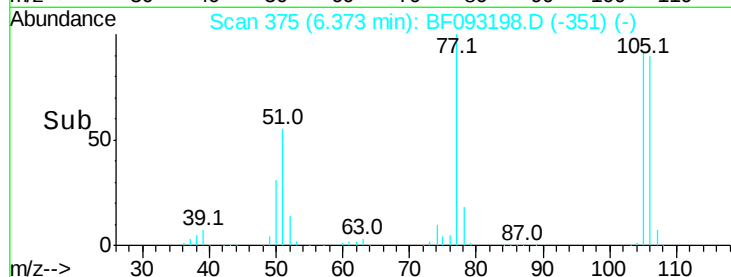
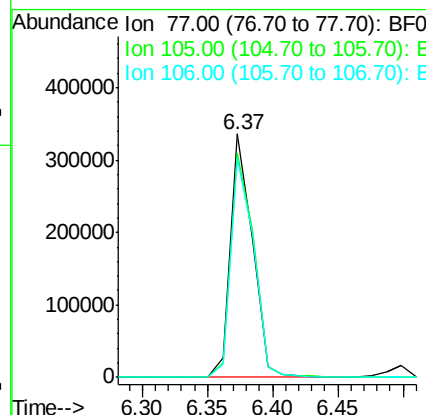
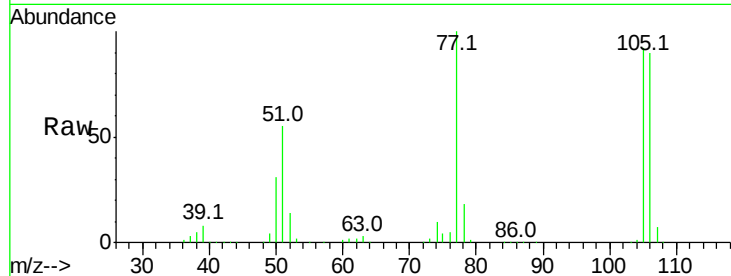
#9
Benzaldehyde
Concen: 34.10 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF093198.D
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Tot Ion	Ratio	Lower	Upper
77	100		
105	92.4	83.9	123.9
106	90.1	77.6	117.6

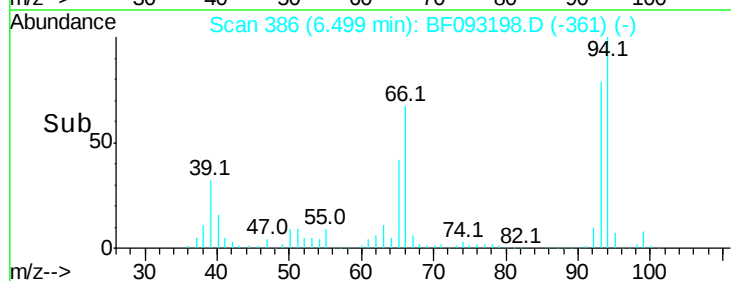
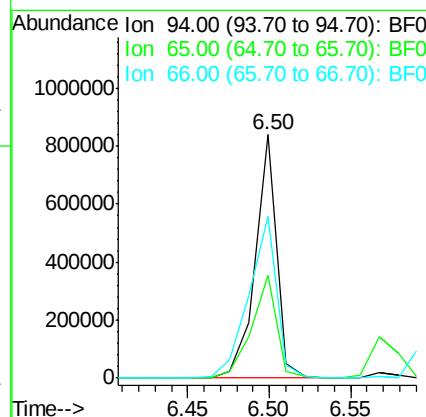
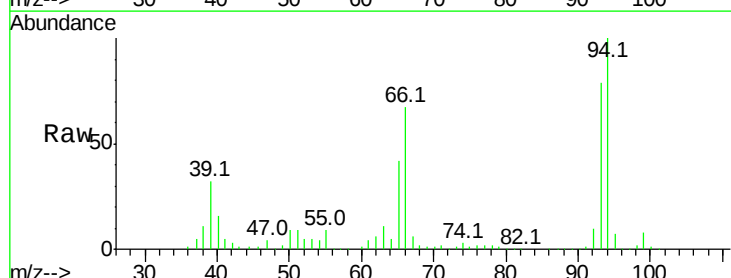
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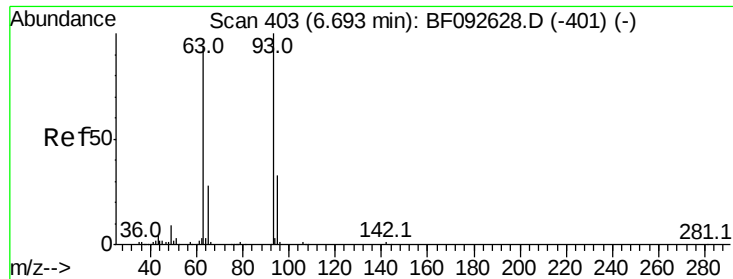
mohammad
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#10
Phenol
Concen: 40.42 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.2	21.4	61.4
66	66.5	44.0	84.0





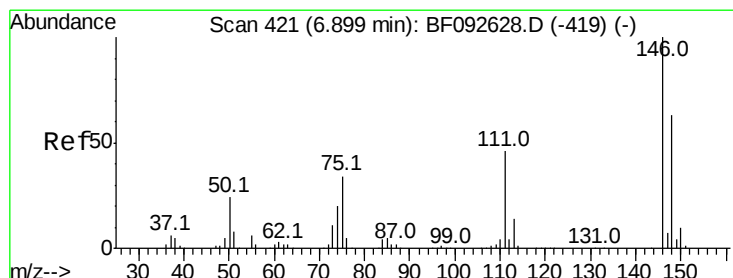
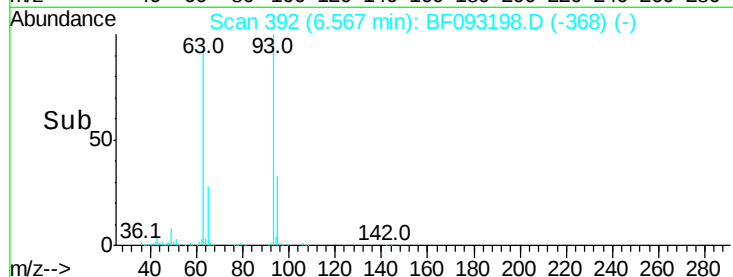
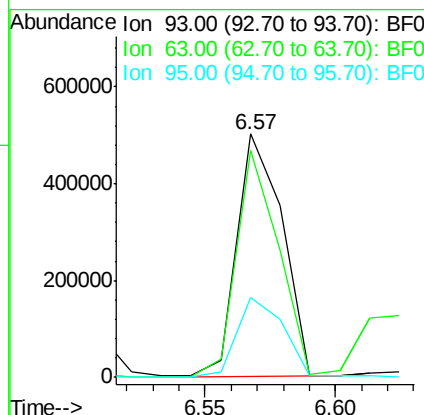
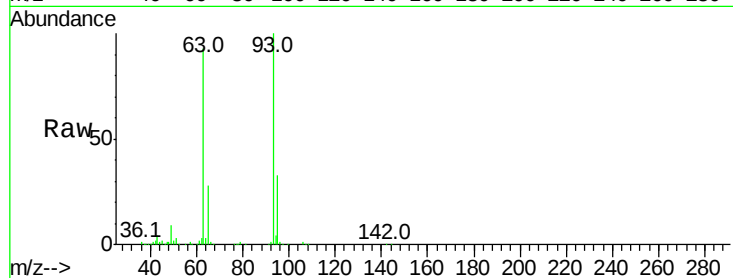
#11
bis(2-Chloroethyl)ether
Concen: 40.42 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	611149
Ion	Ratio	Lower	Upper
93	100		
63	93.0	60.4	100.4
95	33.0	12.8	52.8

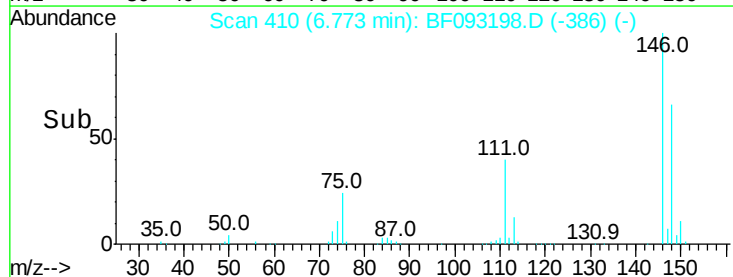
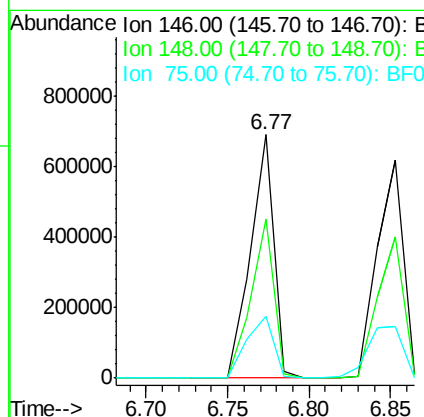
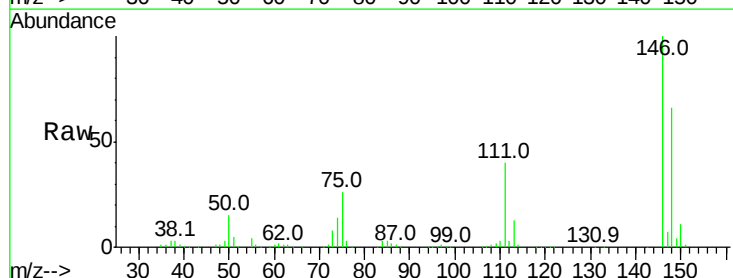
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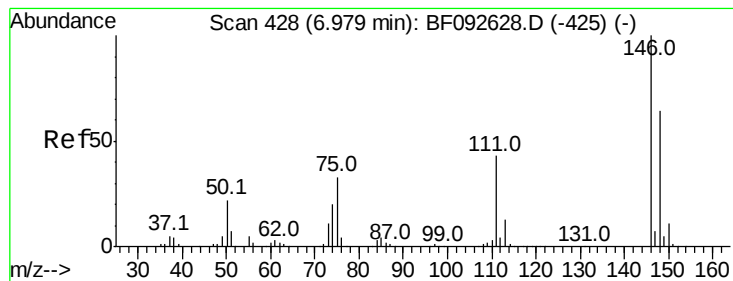
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.05 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	146	Resp	683754
Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.4	80.0
75	25.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.60 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

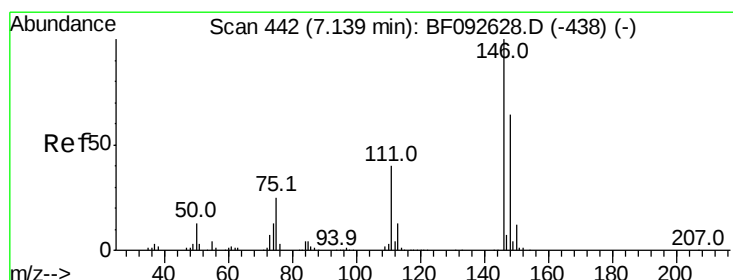
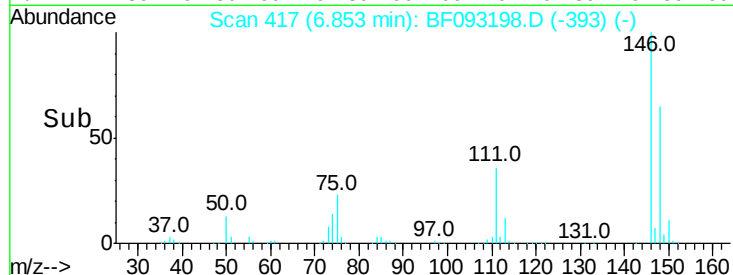
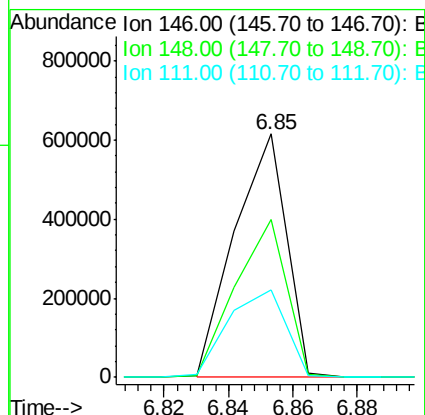
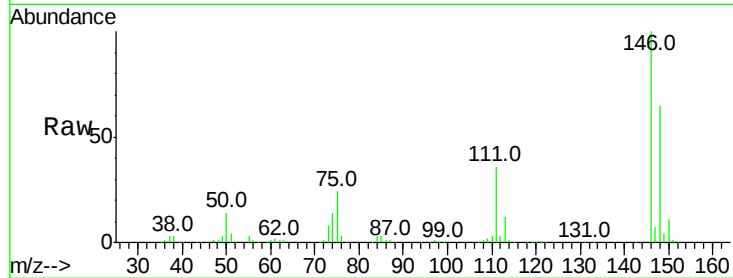
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	684590
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	76.0
111	36.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 36.30 ng

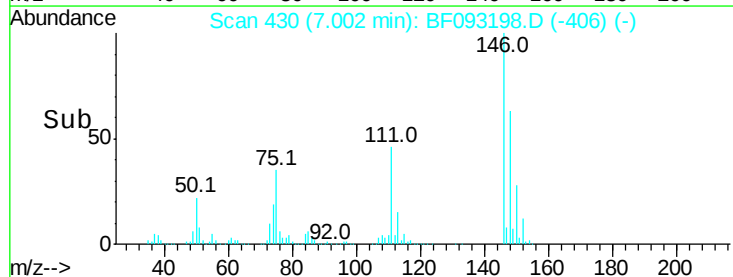
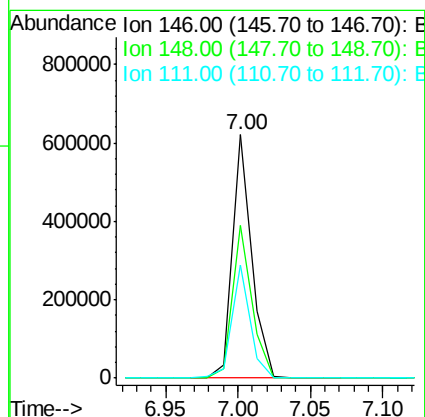
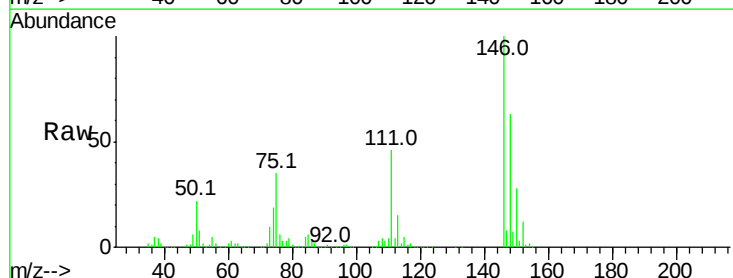
RT: 7.00 min Scan# 430

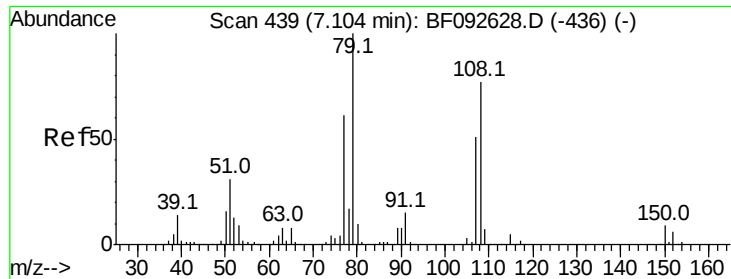
Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	146	Resp:	571182
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	46.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 37.11 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

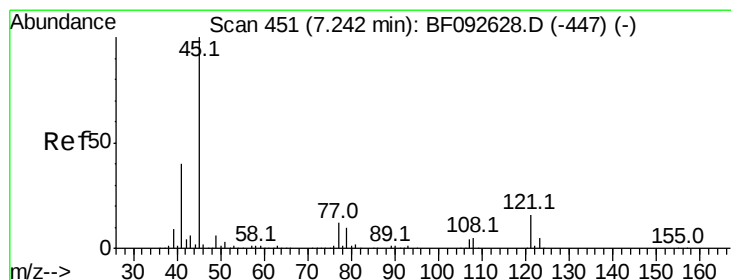
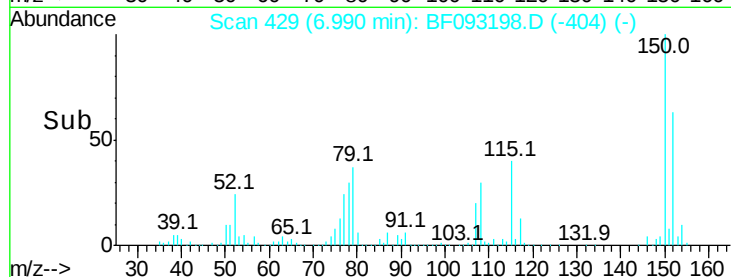
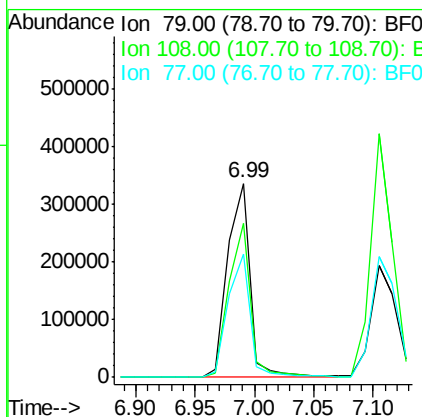
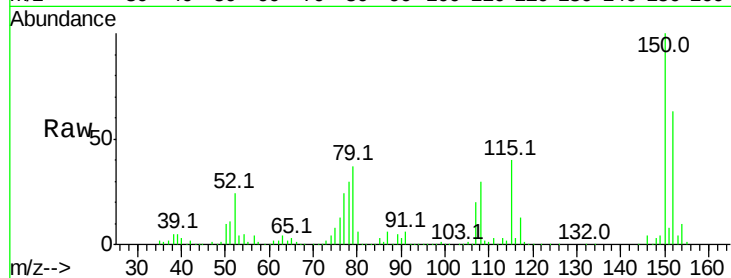
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	444789
Ion Ratio	Lower	Upper	
79	100		
108	79.7	61.4	92.0
77	63.5	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.92 ng

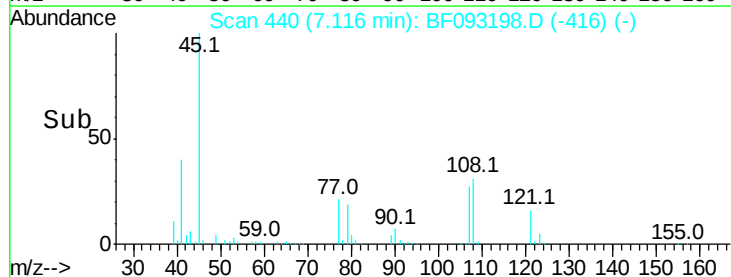
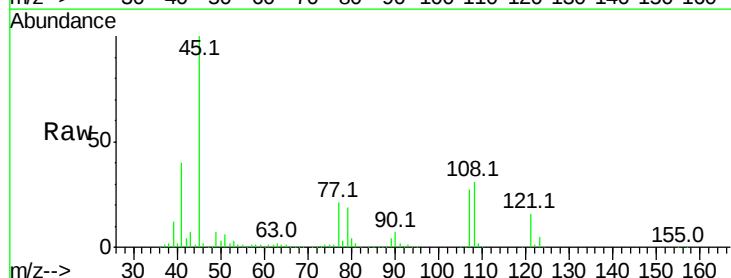
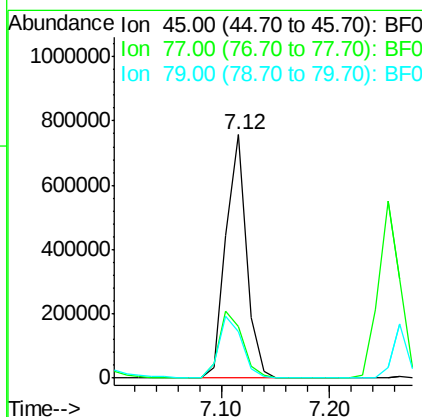
RT: 7.12 min Scan# 440

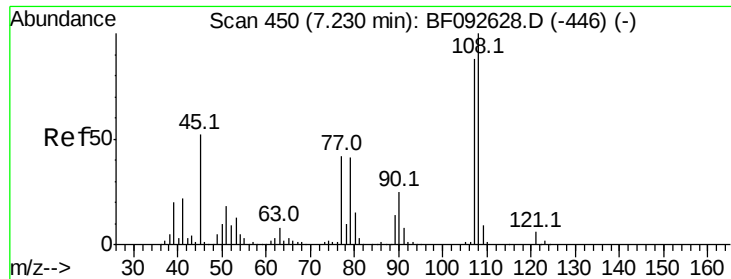
Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	45	Resp:	996130
Ion Ratio	Lower	Upper	
45	100		
77	21.5	0.0	34.6
79	19.1	0.0	31.2





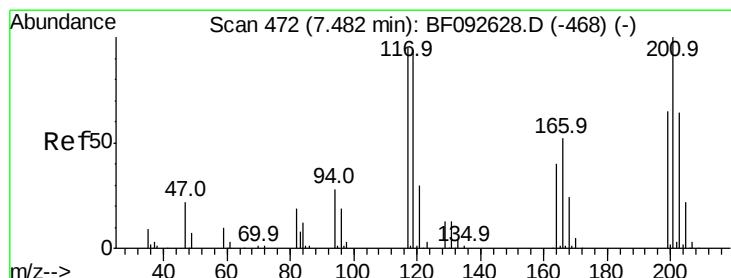
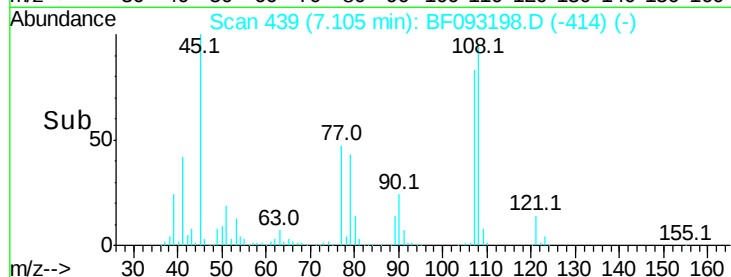
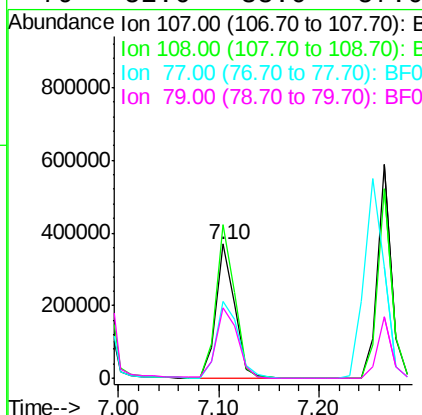
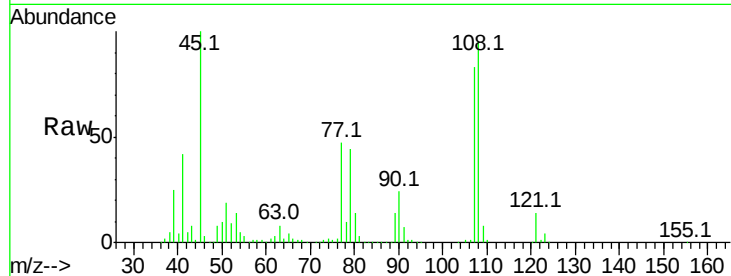
#17
2-Methylphenol
Concen: 39.84 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	474434		
108	114.4	93.0	139.6	
77	56.9	39.8	59.8	
79	52.6	38.0	57.0	

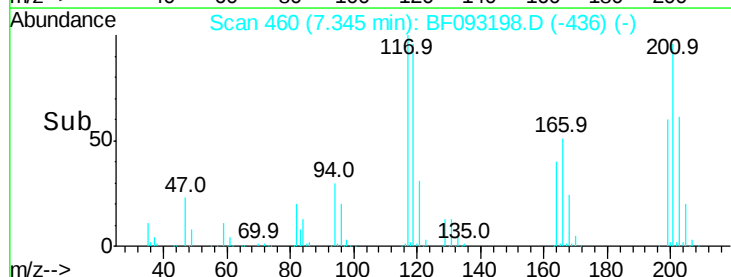
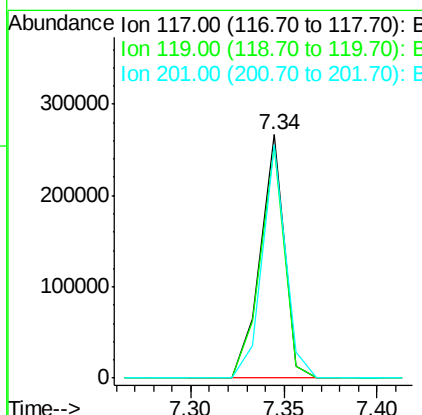
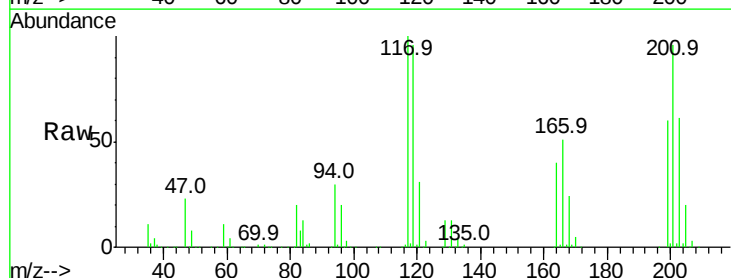
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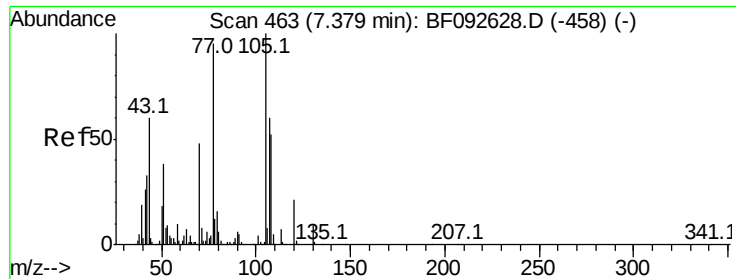
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#18
Hexachloroethane
Concen: 42.13 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	236687		
119	95.6	78.1	117.1	
201	95.9	78.6	117.8	





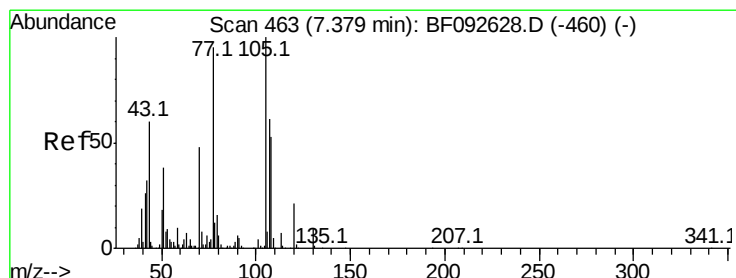
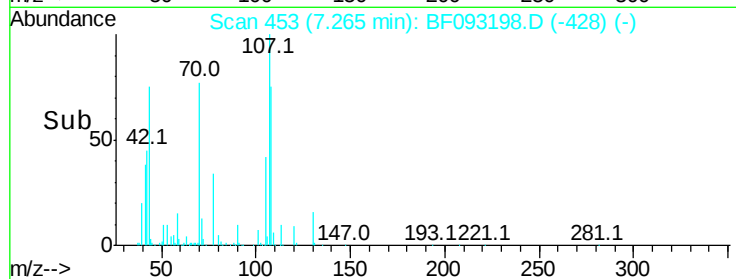
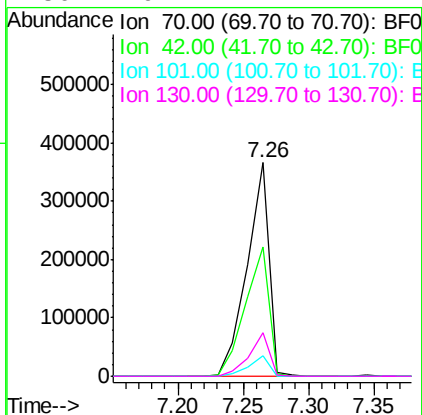
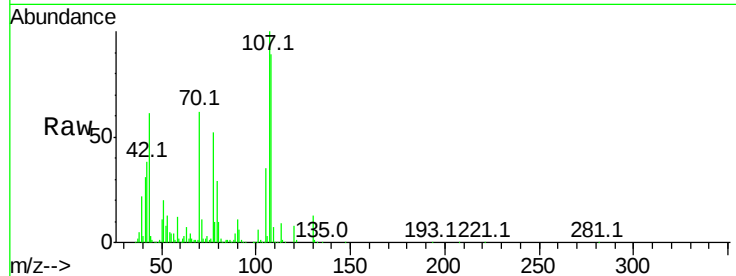
#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.4	74.0
101	9.4	7.4	11.2
130	20.2	14.2	21.4

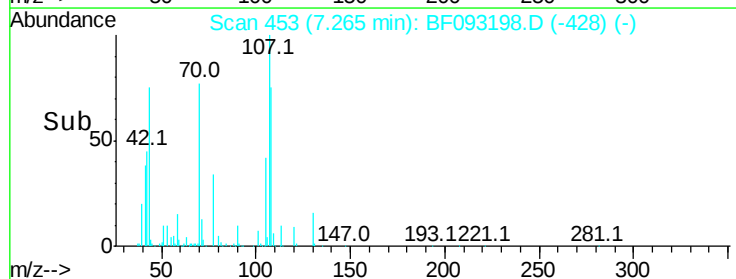
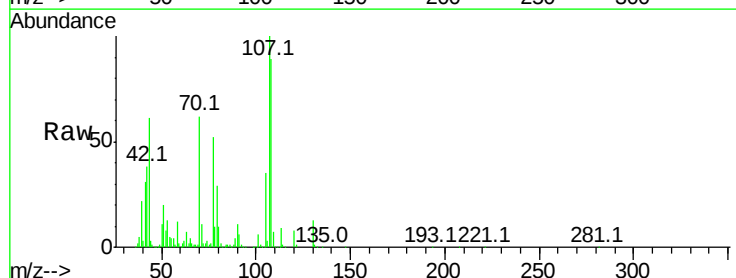
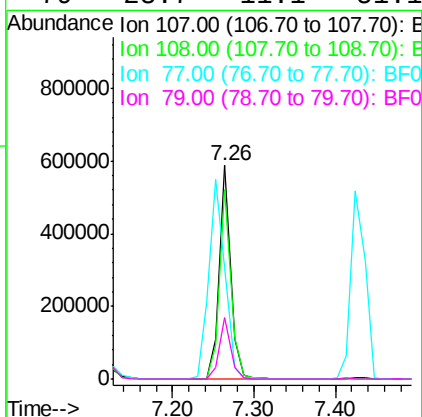
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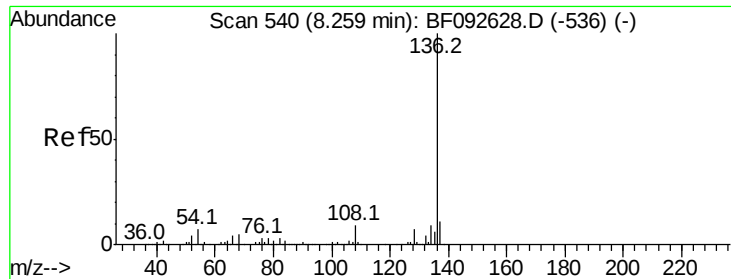
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#20
3+4-Methylphenols
Concen: 39.96 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	52.2	71.3	111.3
79	28.7	11.1	51.1





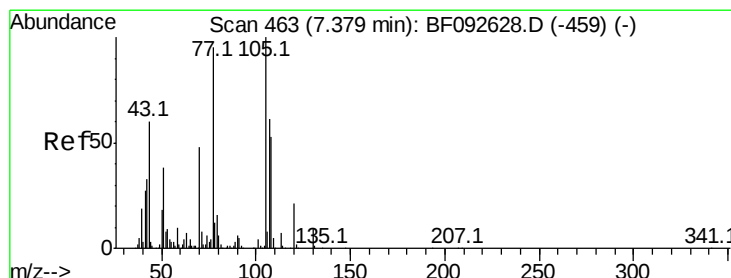
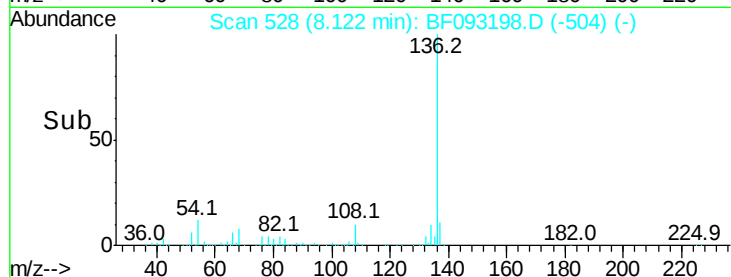
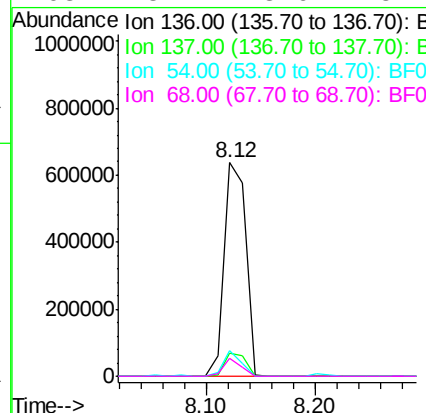
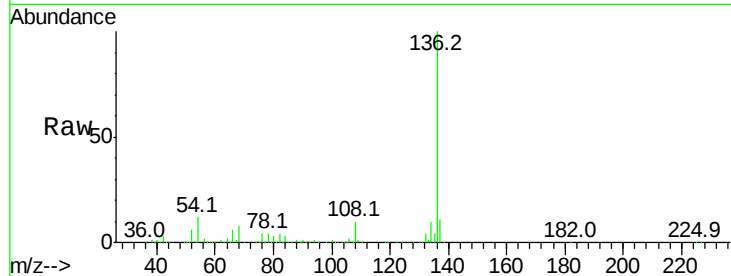
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	879228		
137	11.1		8.4	12.6
54	12.2		4.5	6.7#
68	8.4		3.6	5.4#

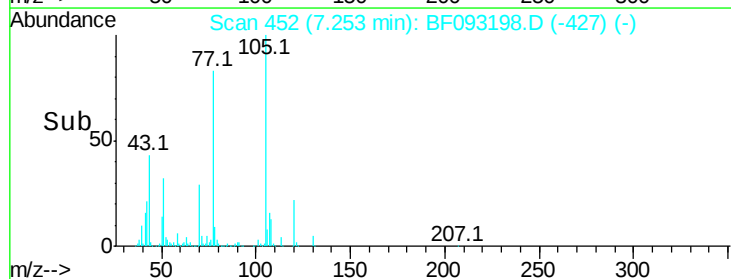
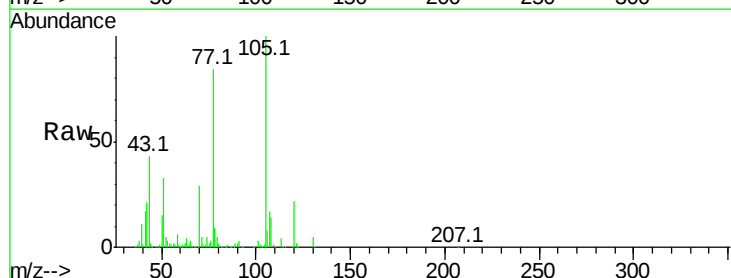
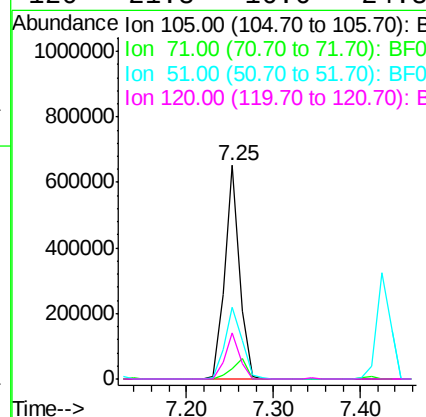
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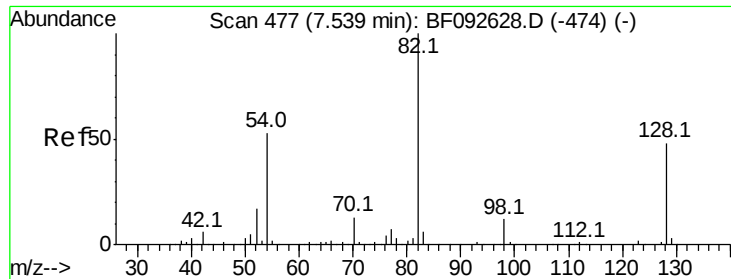
mohammad
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#22
Acetophenone
Concen: 38.77 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	778348		
71	4.9		3.2	4.8#
51	33.3		26.2	39.4
120	21.8		16.6	24.8





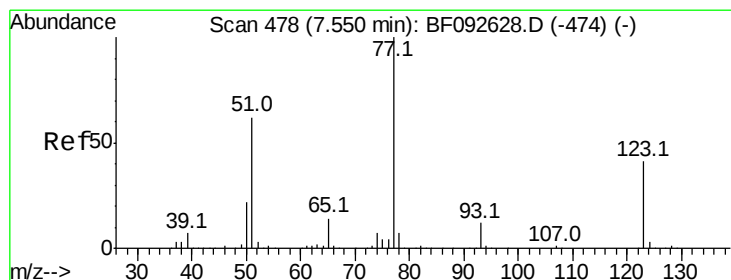
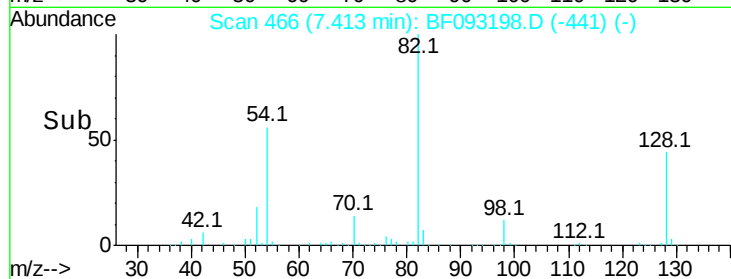
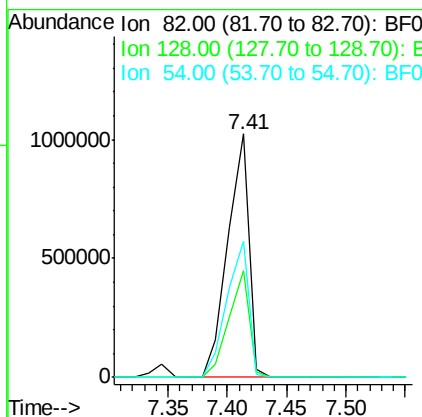
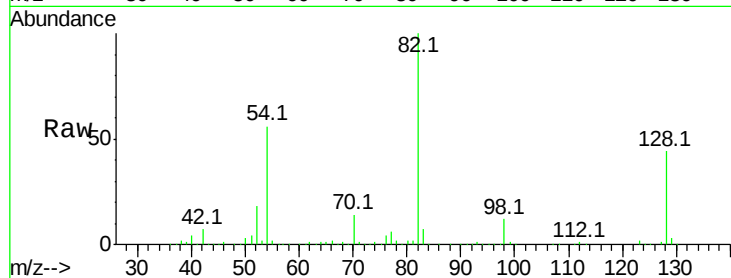
#23
 Nitrobenzene-d5
 Concen: 80.48 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	55.7	39.5	59.3

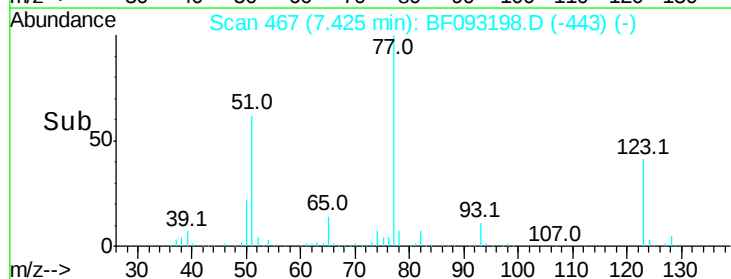
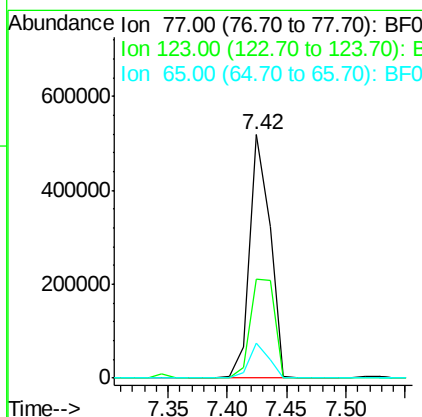
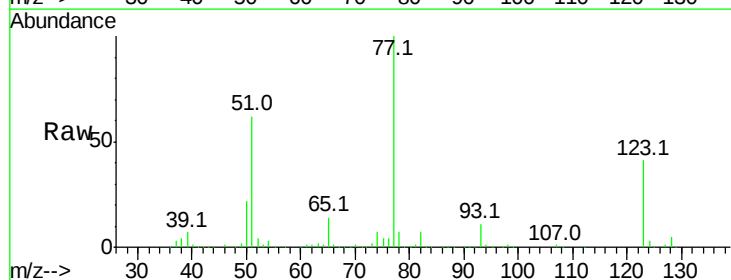
Manual Integrations
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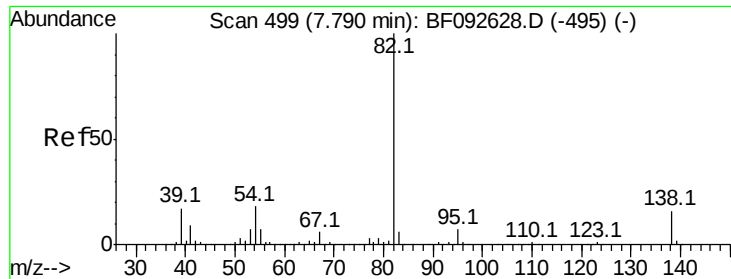
mohammad
 2/28/2017 2:28:23 PM



#24
 Nitrobenzene
 Concen: 38.67 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	33.0	49.4
65	14.5	11.2	16.8





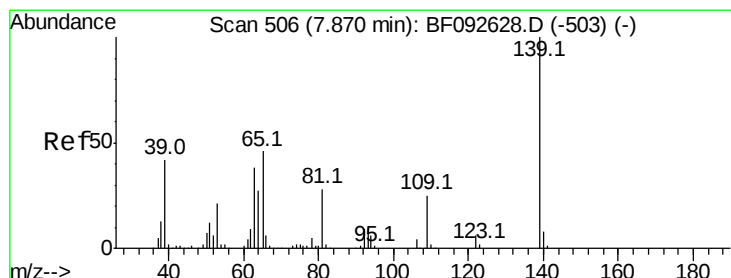
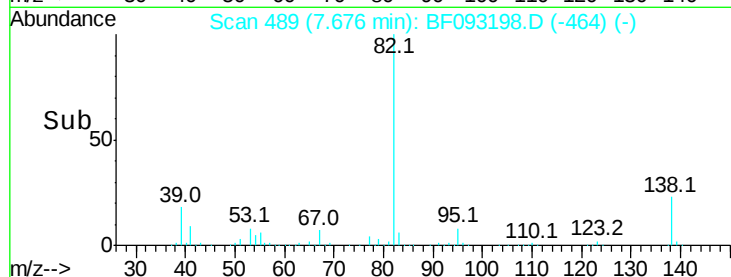
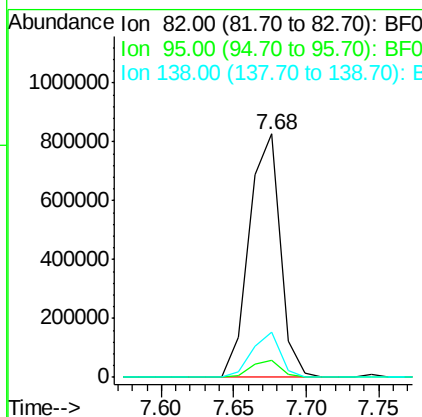
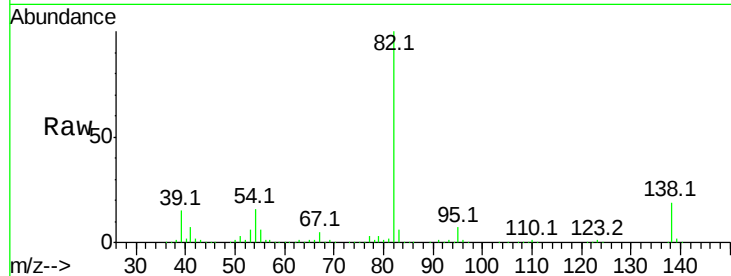
#25
Isophorone
Concen: 41.95 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	18.7	14.6	22.0

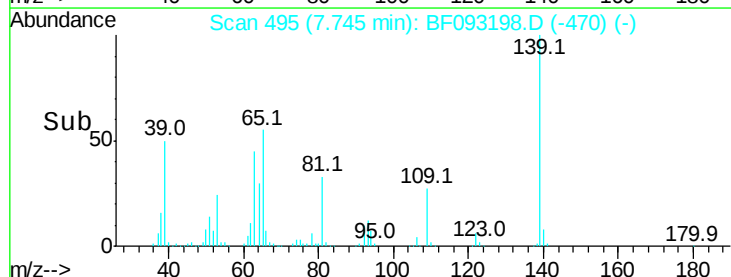
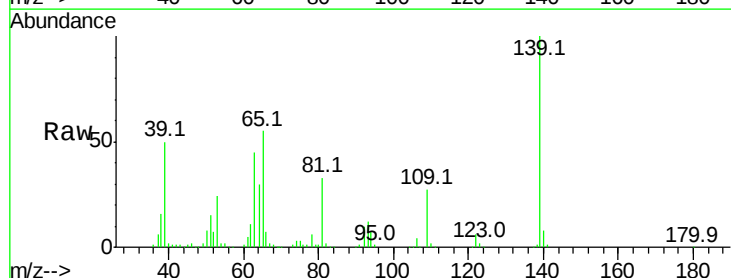
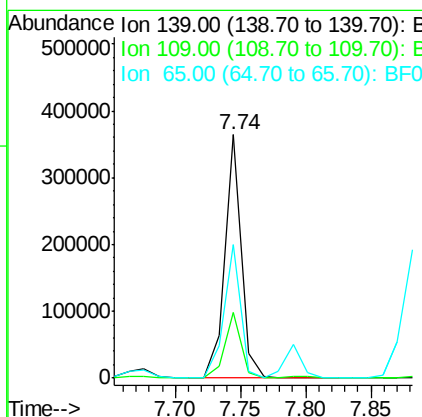
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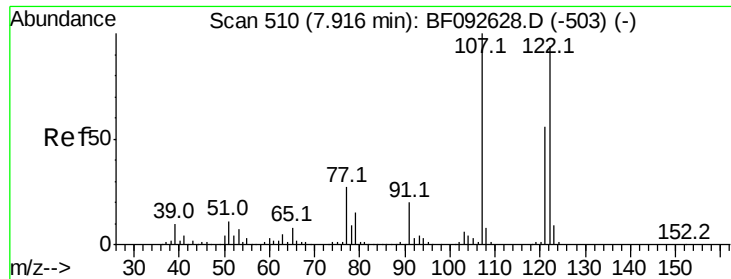
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#26
2-Nitrophenol
Concen: 41.93 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.0	23.3	34.9
65	55.1	42.7	64.1





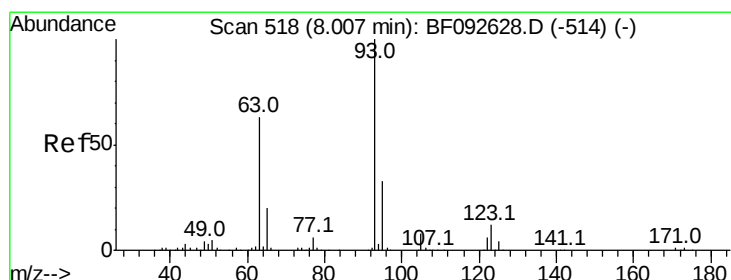
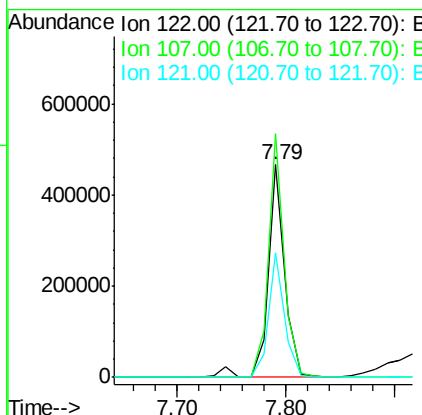
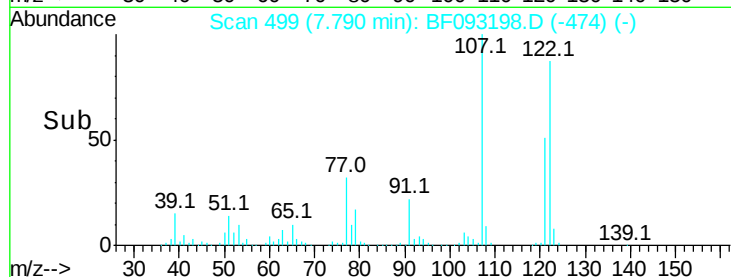
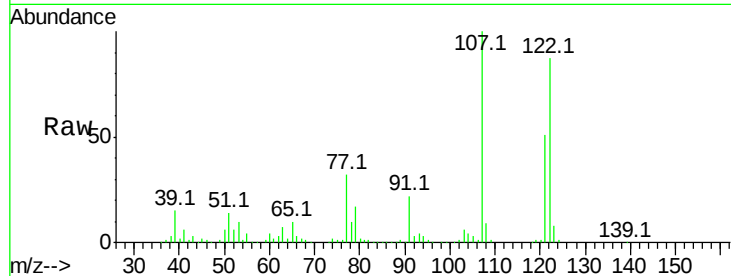
#27
2,4-Dimethylphenol
Concen: 36.90 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	499389		
107	114.6		94.1	141.1
121	58.9		46.0	69.0

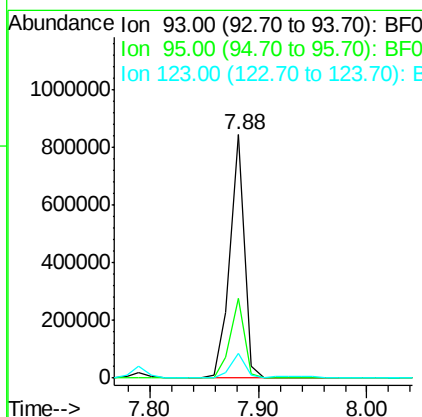
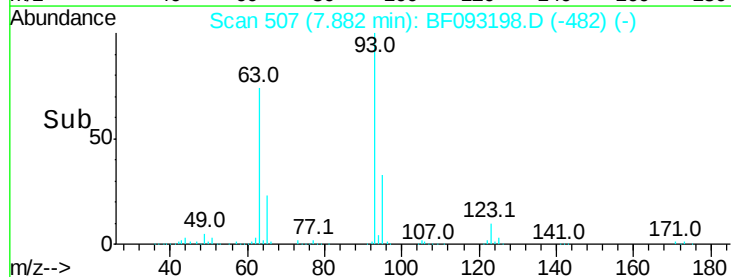
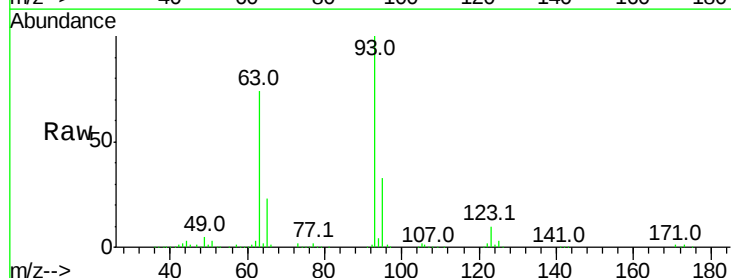
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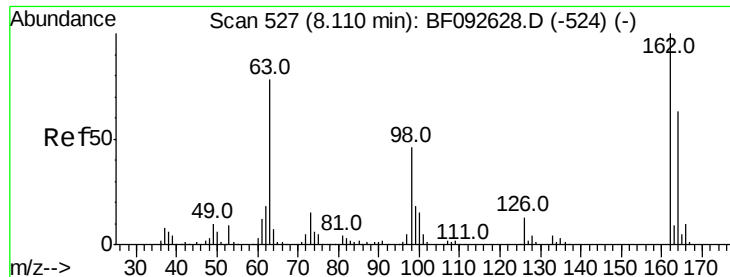
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#28
bis(2-Chloroethoxy)methane
Concen: 39.75 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	774462		
95	32.9		26.5	39.7
123	10.4		8.6	13.0





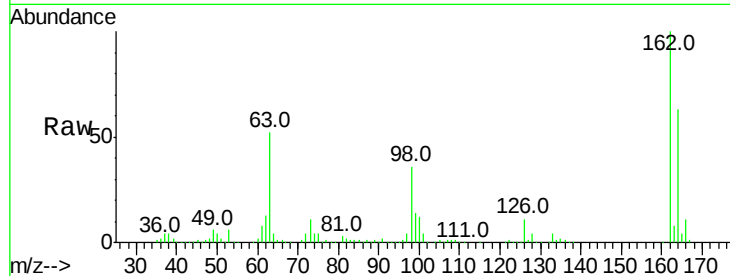
#29
 2,4-Dichlorophenol
 Concen: 40.73 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

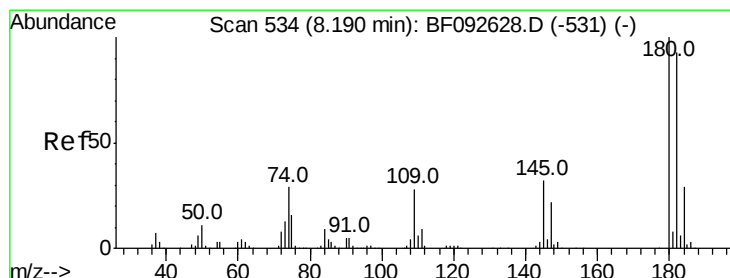
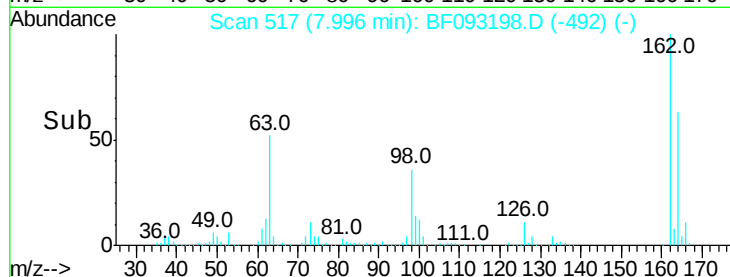
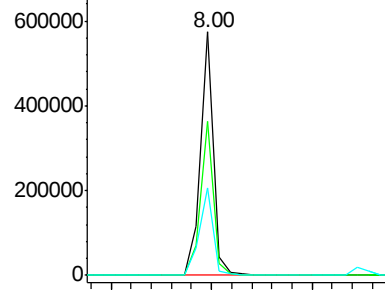
Tot Ion	Ratio	Resp	Lower	Upper
162	100	514077		
164	63.5	46.8	86.8	
98	35.7	9.1	49.1	

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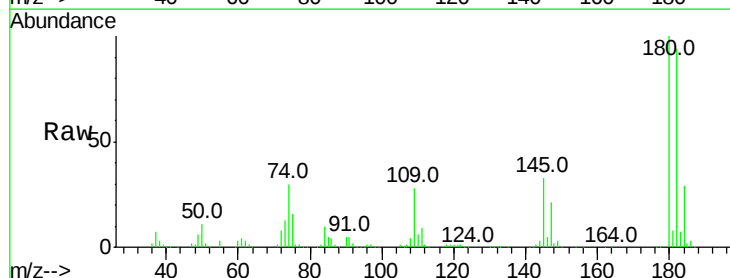


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

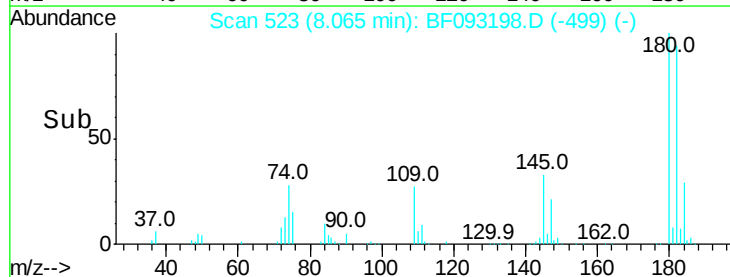
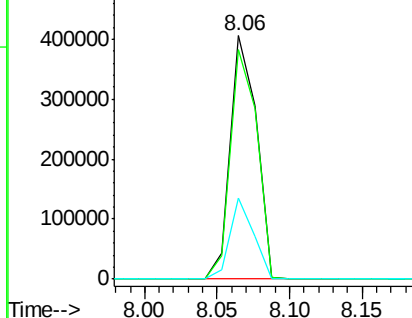


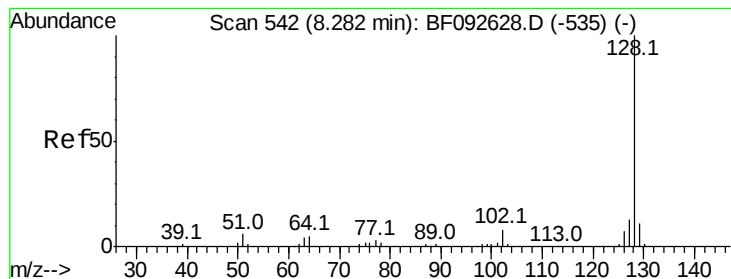
#30
 1,2,4-Trichlorobenzene
 Concen: 37.45 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	509412		
182	94.1	78.2	117.4	
145	33.3	21.6	32.4#	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.62 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1632353

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

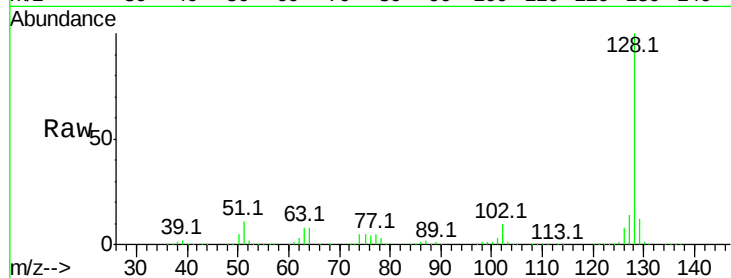
127 13.7 10.8 16.2

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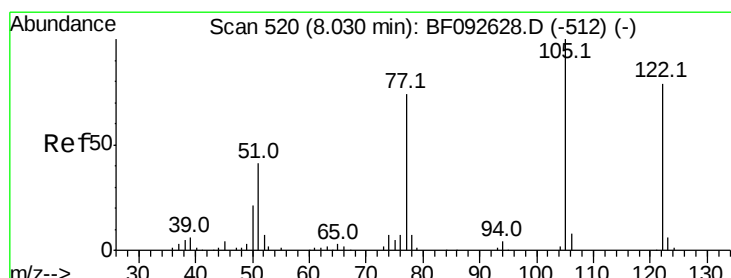
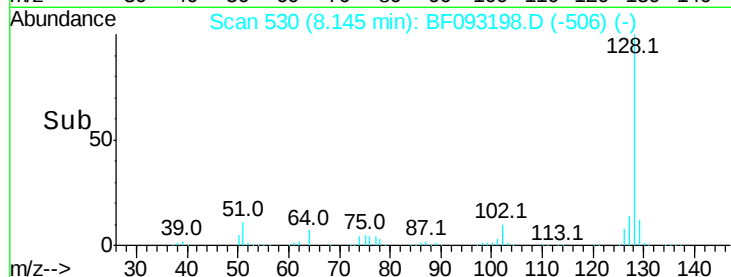
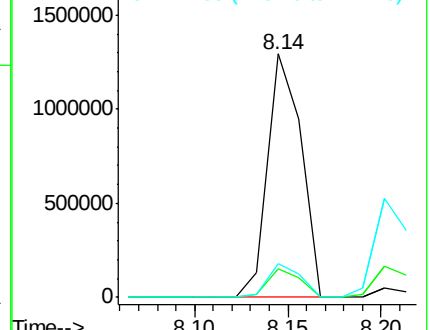
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.23 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

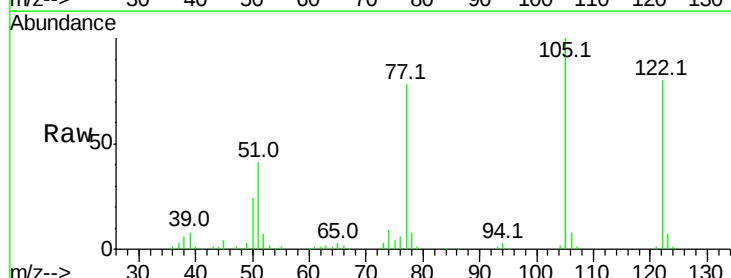
Tgt Ion:122 Resp: 270958

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

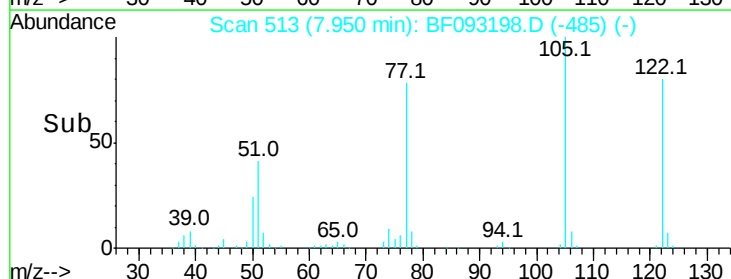
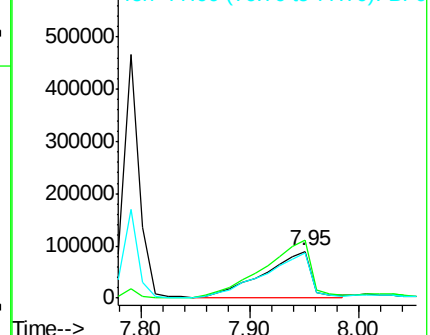
77 96.6 74.5 114.5

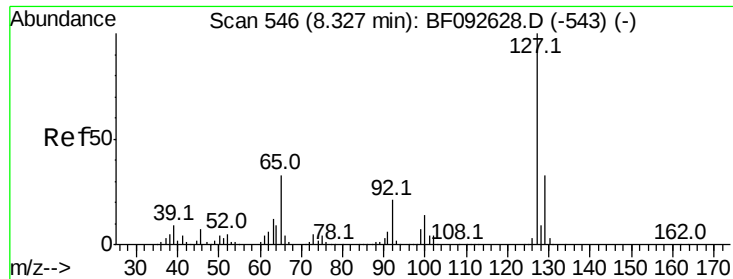


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





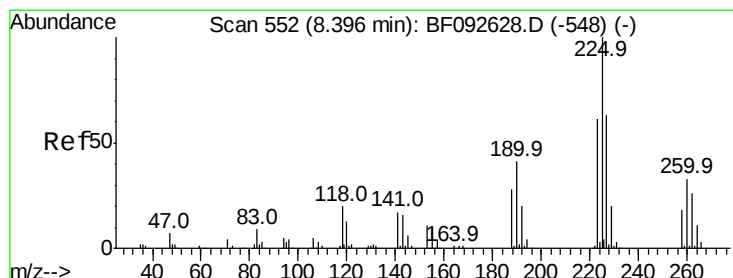
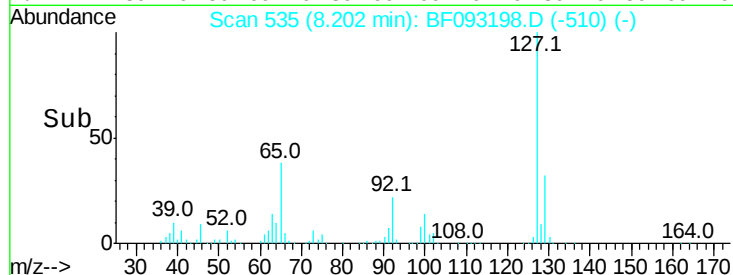
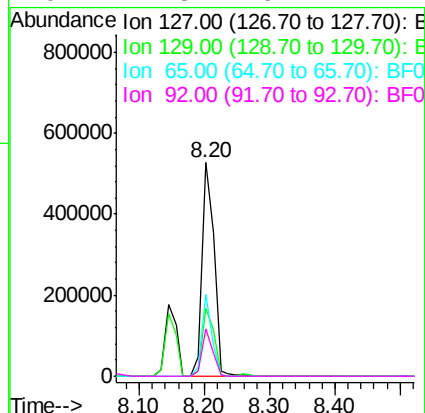
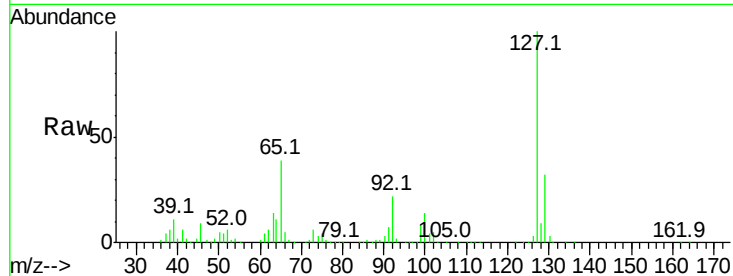
#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.3	39.5	
65	38.5	25.8	38.8	
92	22.3	16.1	24.1	

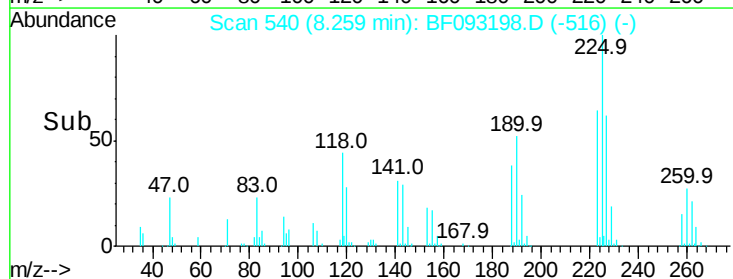
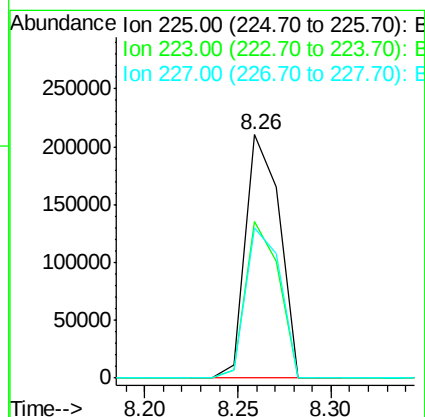
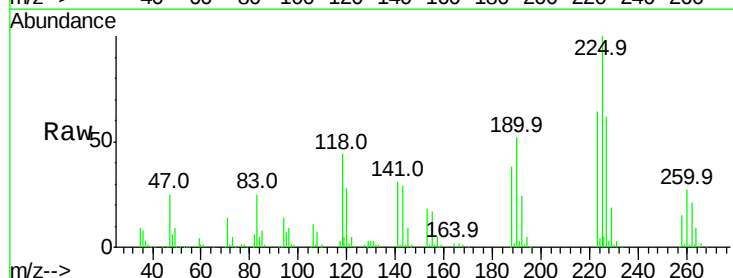
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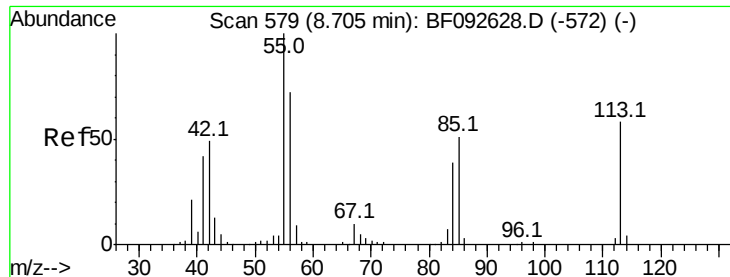
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#34
Hexachlorobutadiene
Concen: 35.51 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	51.0	76.6	
227	61.7	50.6	76.0	





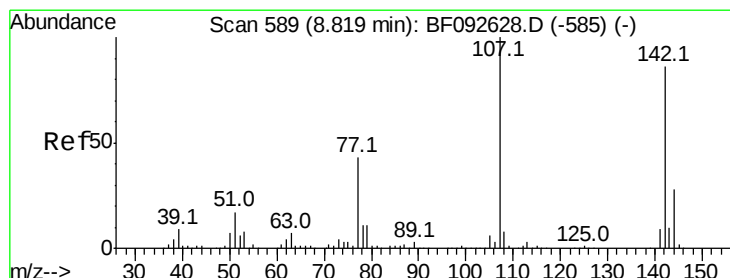
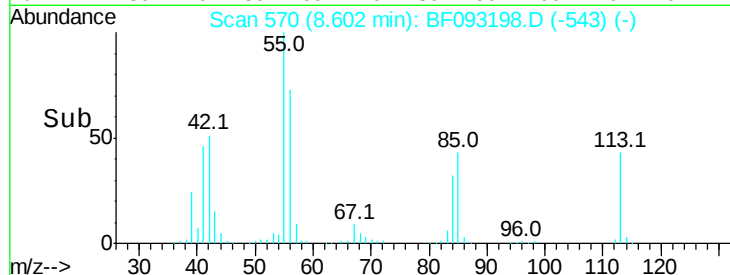
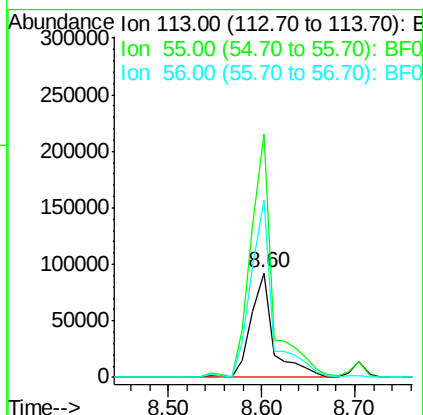
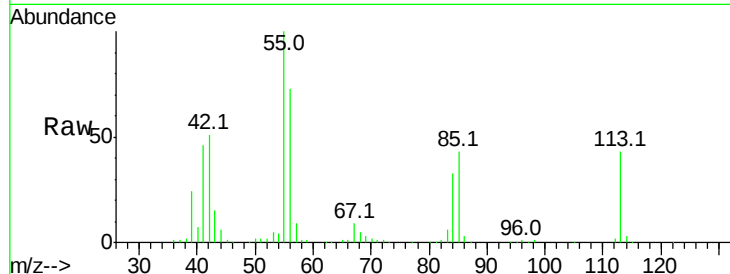
#35
Caprolactam
Concen: 39.09 ng
RT: 8.60 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.9	119.2	159.2#
56	170.4	83.8	123.8#

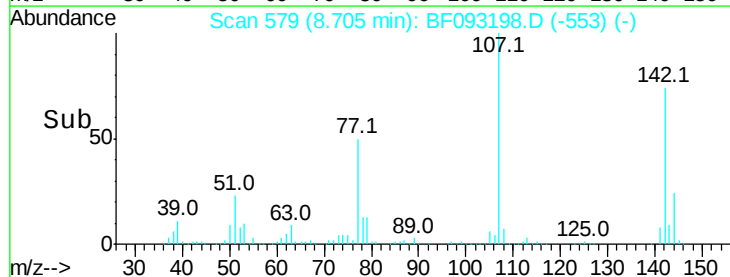
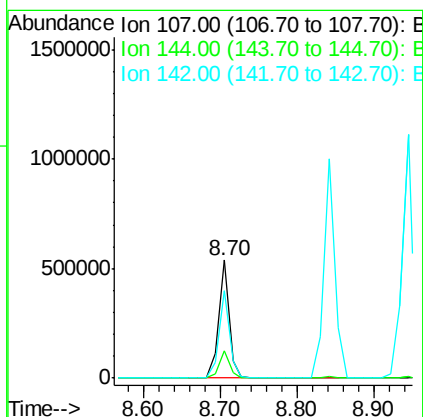
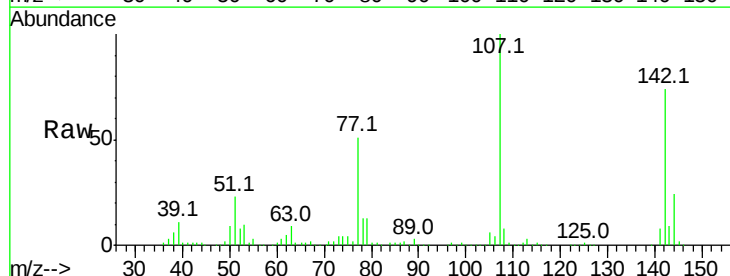
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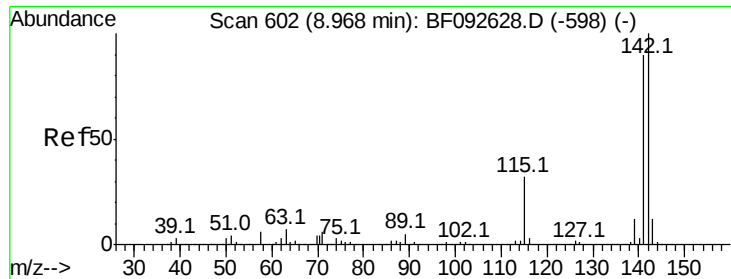
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#36
4-Chloro-3-methylphenol
Concen: 38.85 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	74.4	59.0	88.6





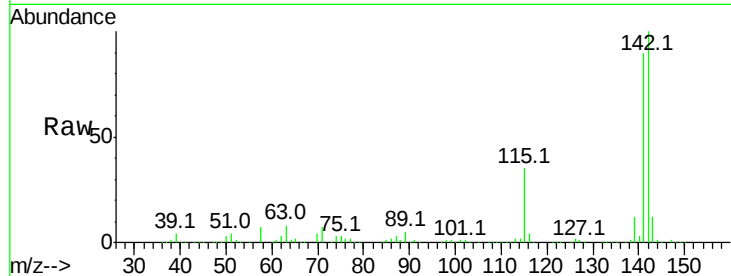
#37
2-Methylnaphthalene
Concen: 34.30 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

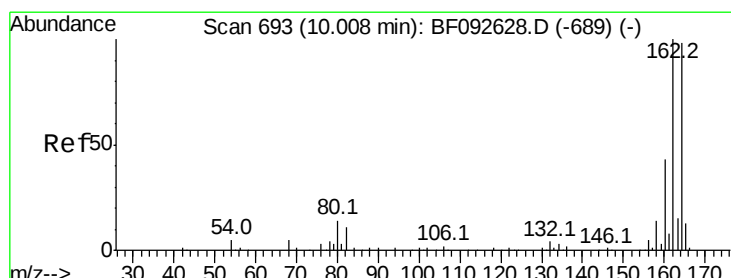
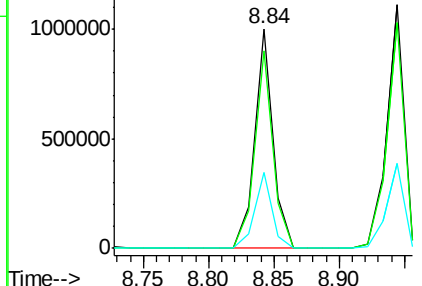
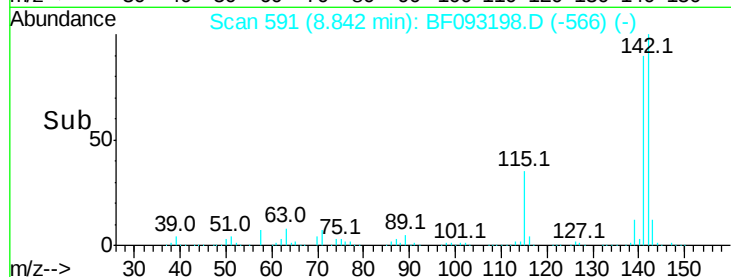
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	34.8	28.3	42.5

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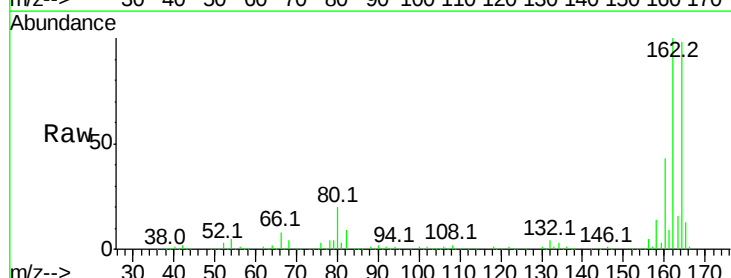


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

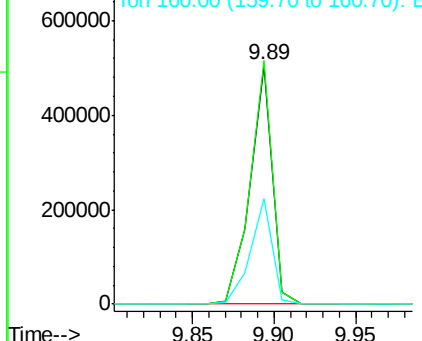
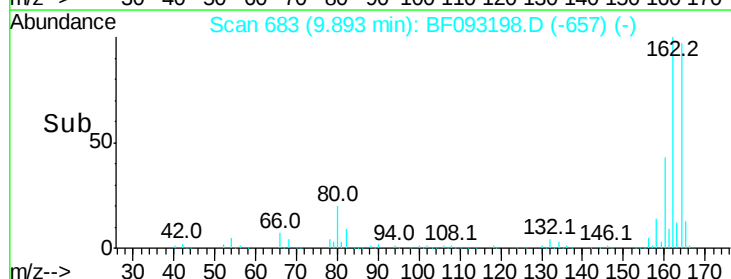


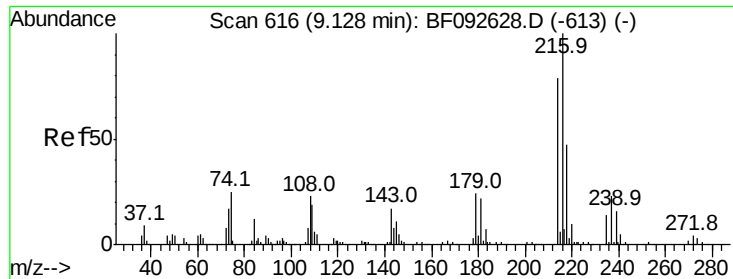
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	44.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.70 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

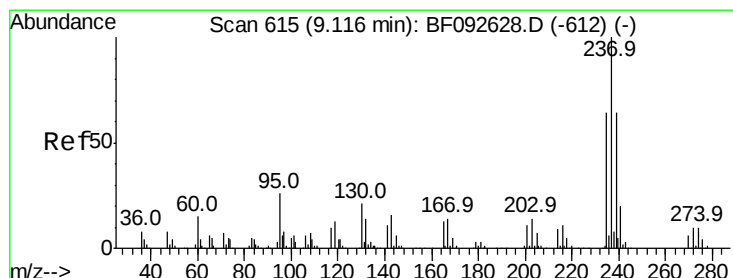
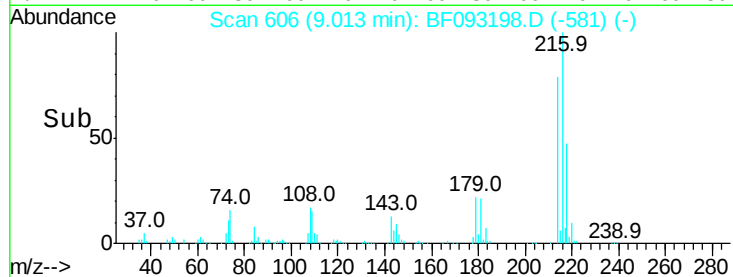
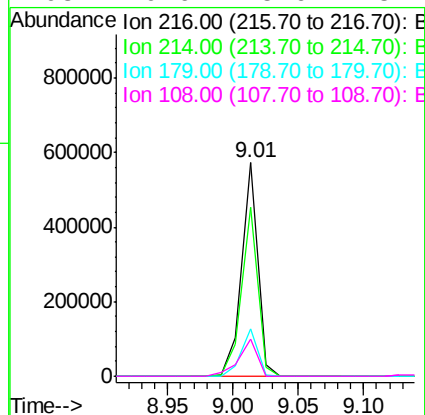
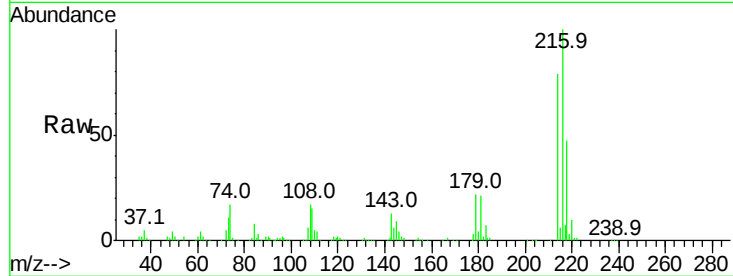
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	489571		
214	79.7	63.4	95.0	
179	22.5	17.4	26.2	
108	20.6	15.6	23.4	

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#40

Hexachlorocyclopentadiene

Concen: 34.94 ng

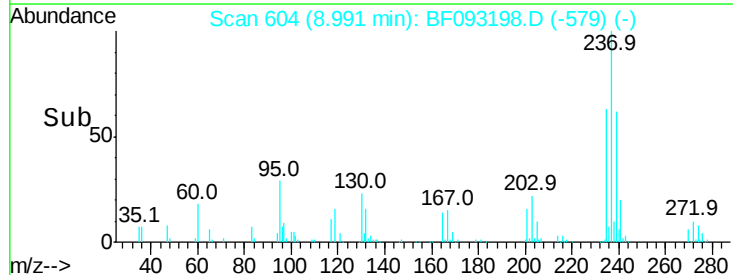
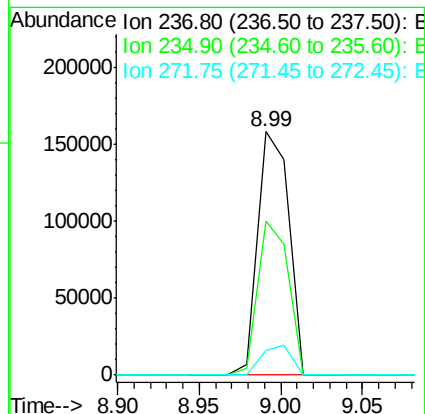
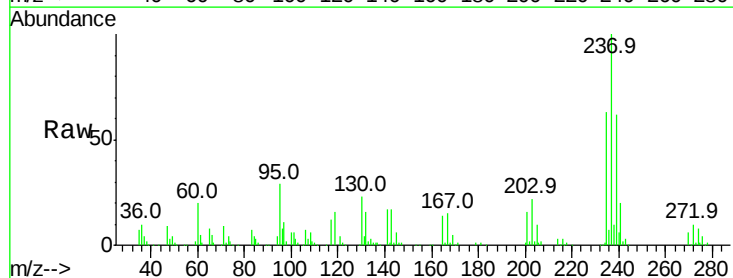
RT: 8.99 min Scan# 604

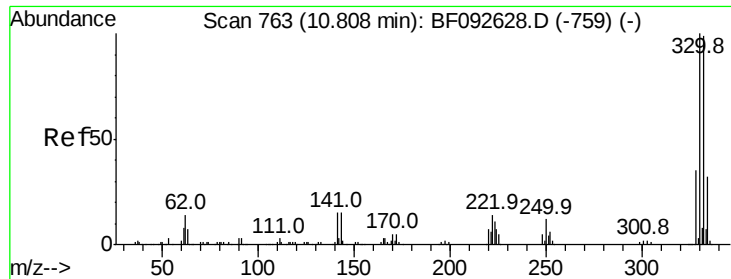
Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	210268		
235	63.4	41.2	81.2	
272	10.3	0.0	35.4	





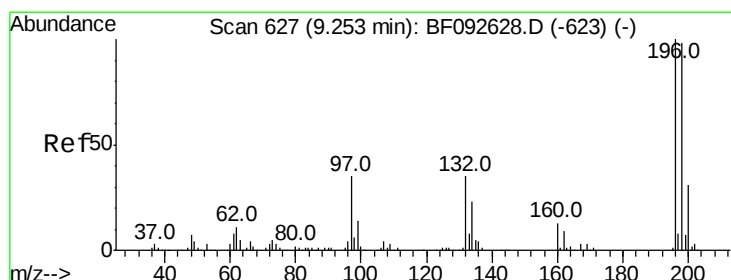
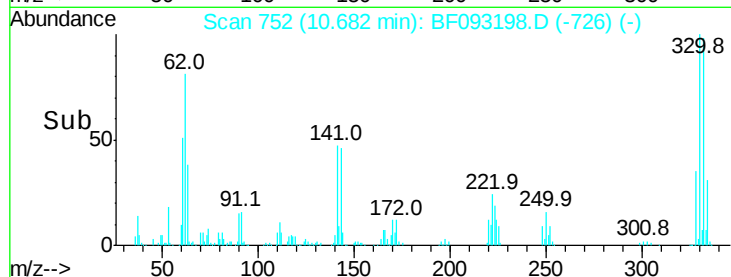
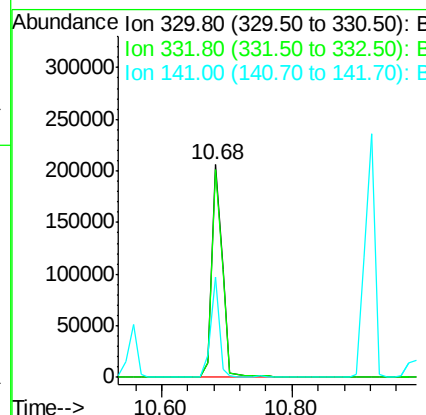
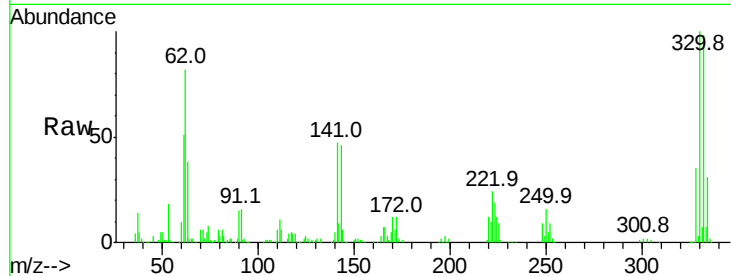
#41
 2,4,6-Tribromophenol
 Concen: 68.45 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	235255		
332	97.7	77.4	116.2	
141	38.3	34.1	51.1	

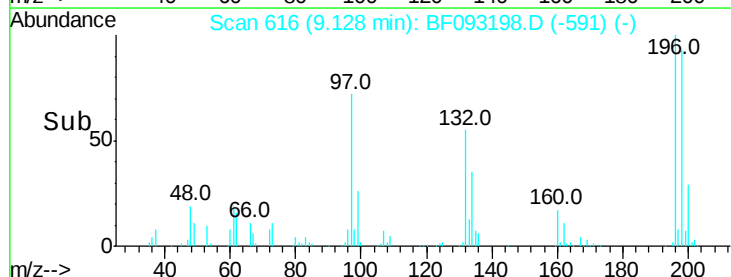
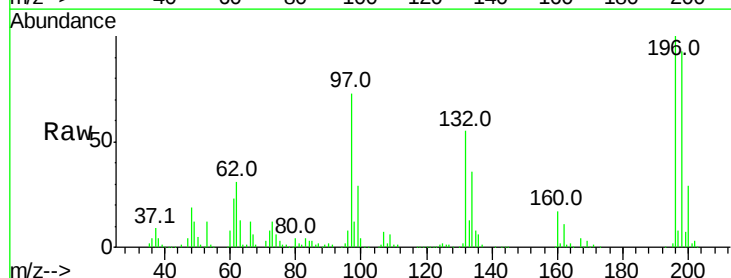
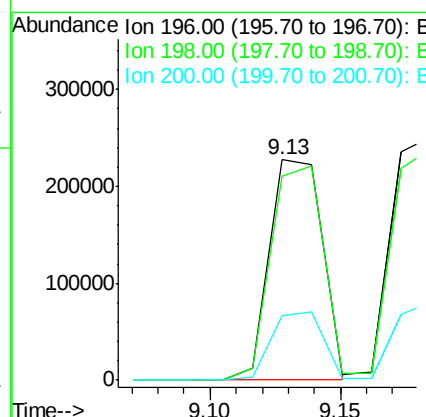
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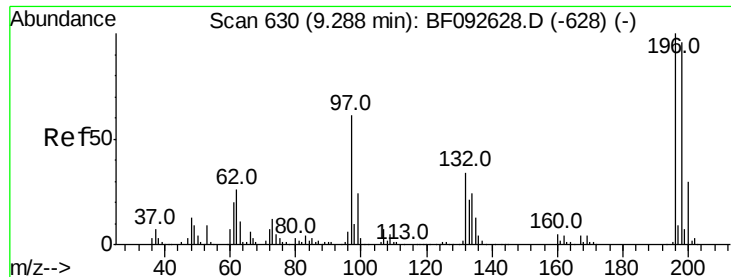
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#42
 2,4,6-Trichlorophenol
 Concen: 36.69 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321600		
198	92.8	82.1	123.1	
200	29.0	27.0	40.4	





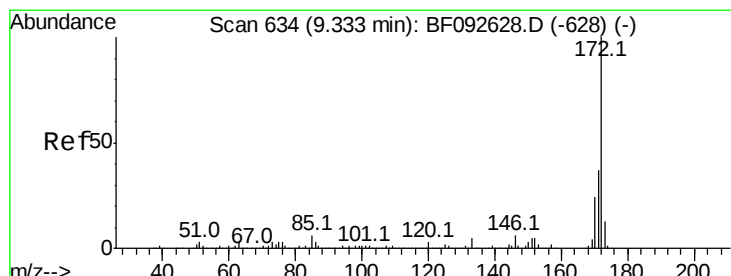
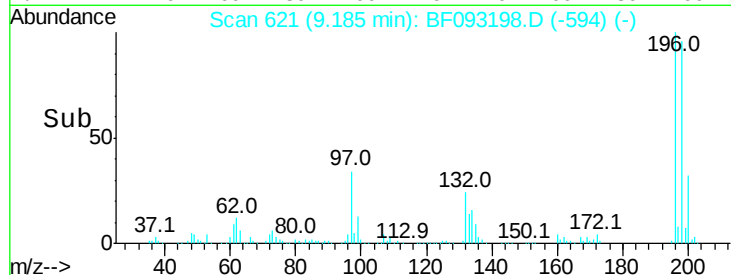
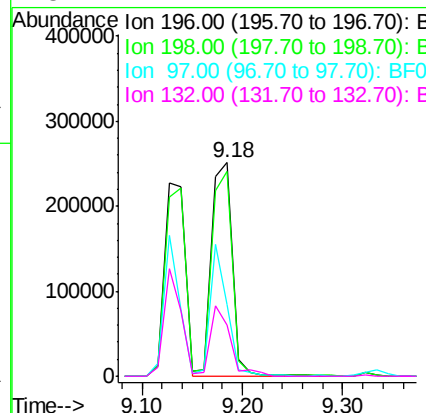
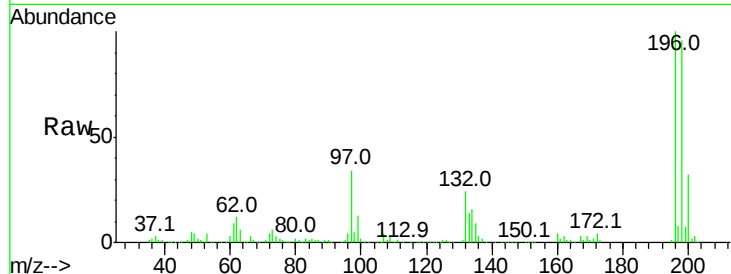
#43
 2,4,5-Trichlorophenol
 Concen: 37.31 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	358308		
198	95.6	79.4	119.2	
97	33.8	51.5	77.3	
132	24.2	27.4	41.2	

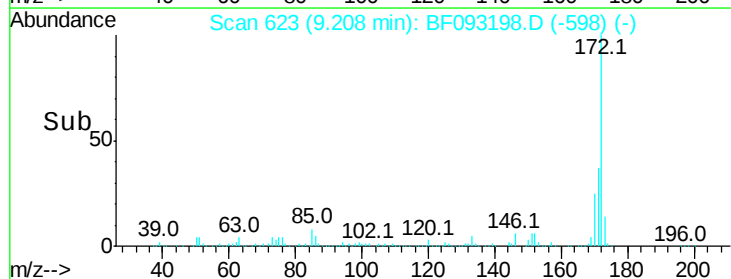
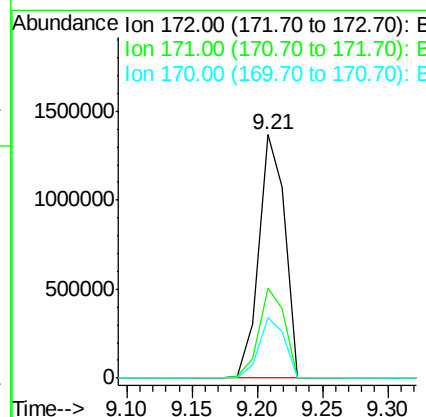
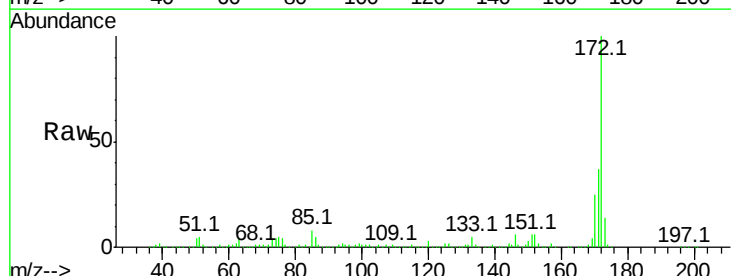
Manual Integrations
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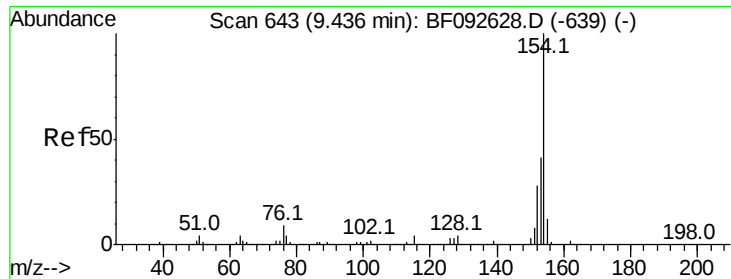
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 72.38 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1898578		
171	36.7	29.4	44.0	
170	24.8	20.2	30.4	





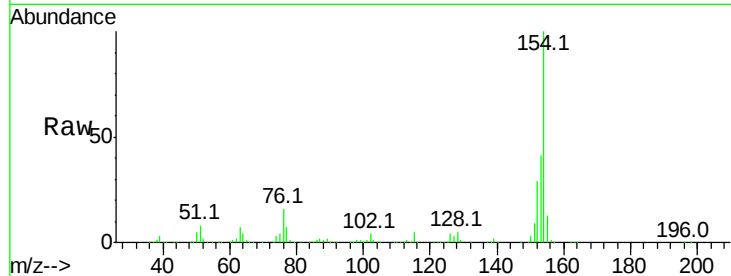
#45
 1,1'-Biphenyl
 Concen: 34.62 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	15.8	0.0	30.5

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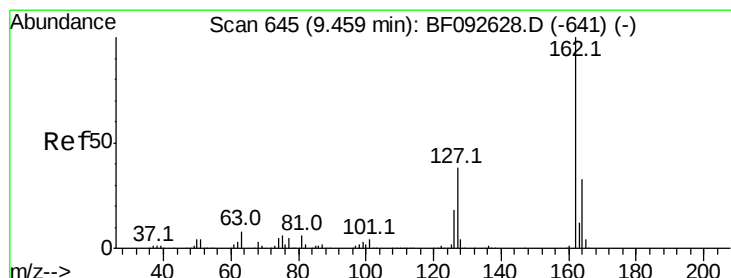
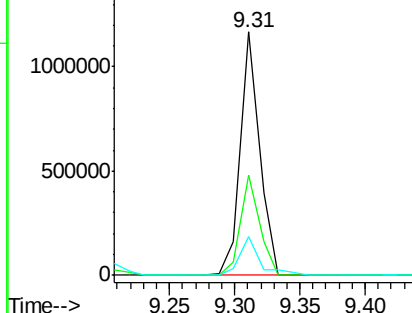
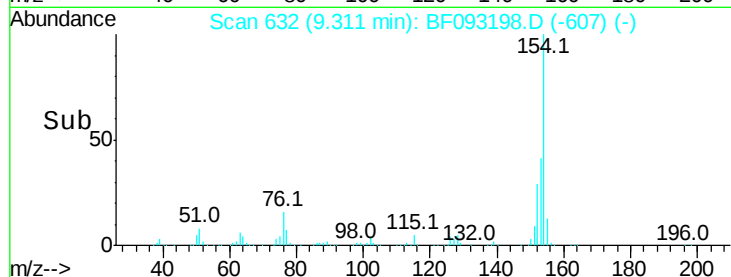


Abundance

Ion 154.00 (153.70 to 154.70): E

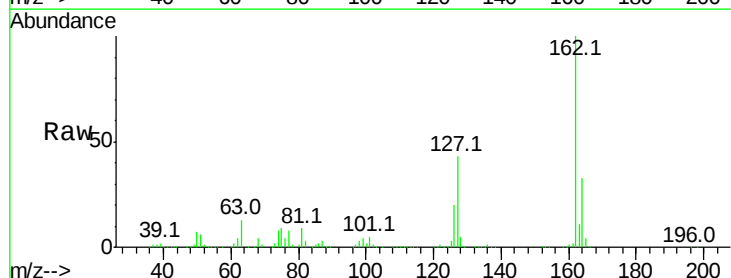
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.45 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	30.7	46.1
164	32.8	27.6	41.4

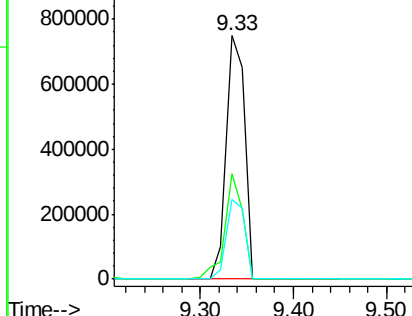
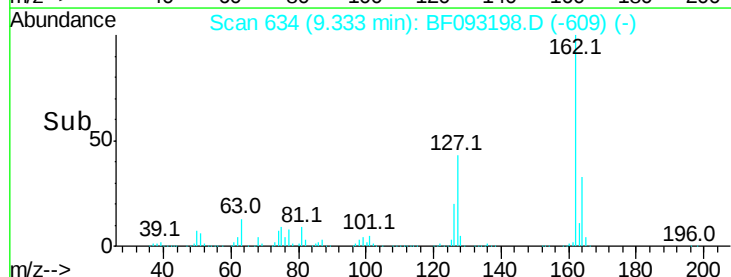


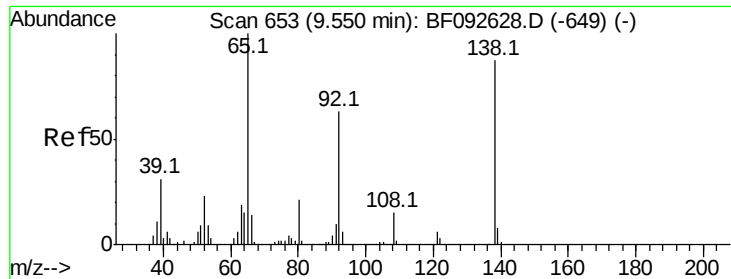
Abundance

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





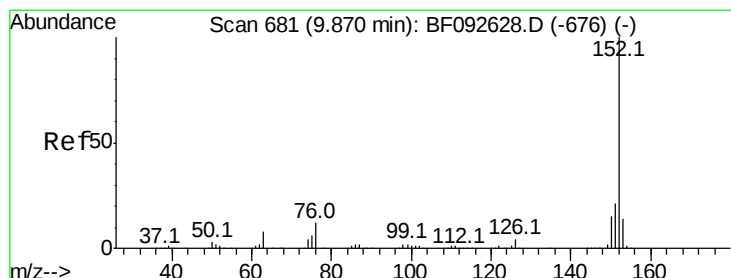
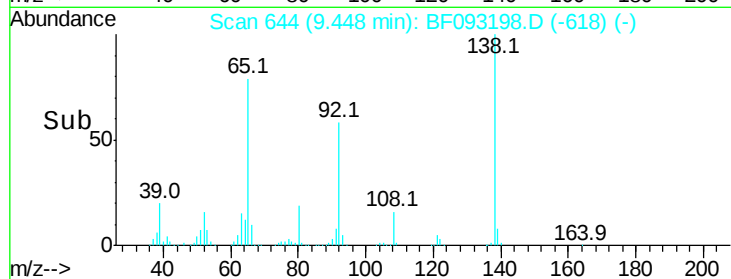
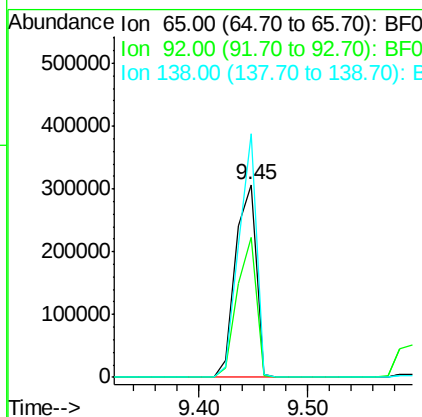
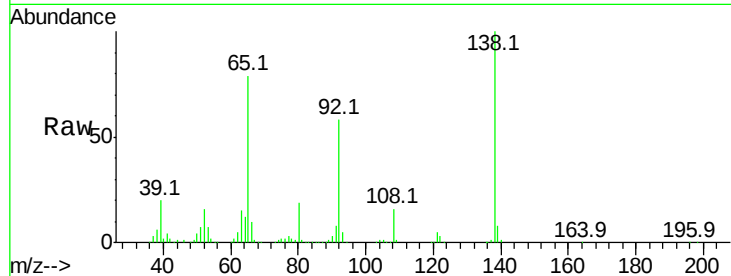
#47
2-Nitroaniline
Concen: 44.14 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	53.9	80.9
138	126.3	76.8	115.2

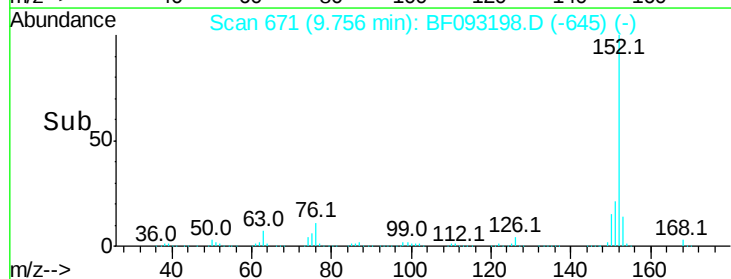
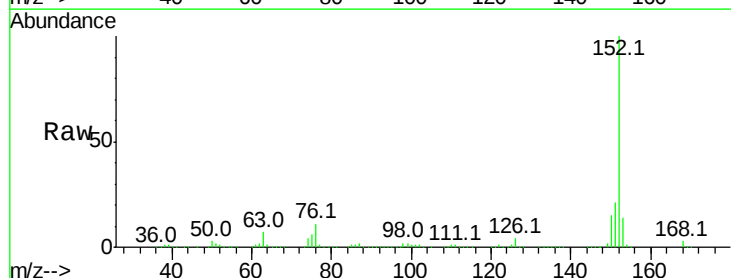
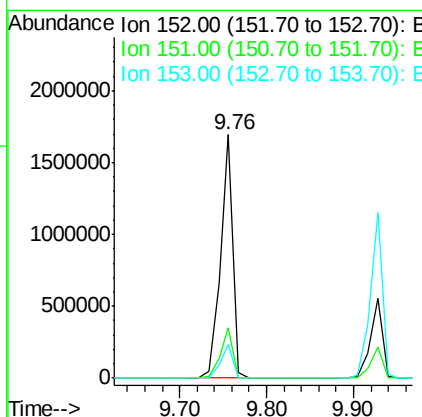
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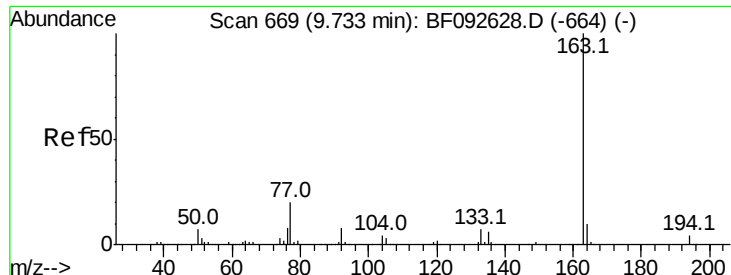
mohammad
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#48
Acenaphthylene
Concen: 36.06 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

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





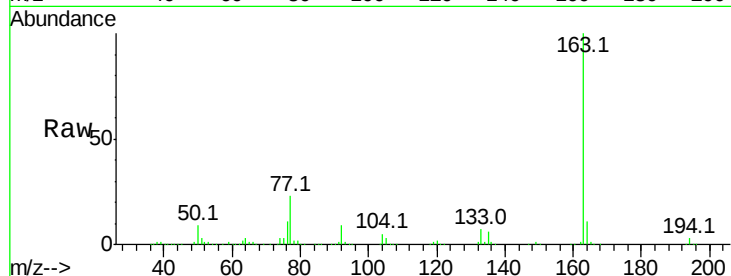
#49
Dimethylphthalate
Concen: 37.44 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

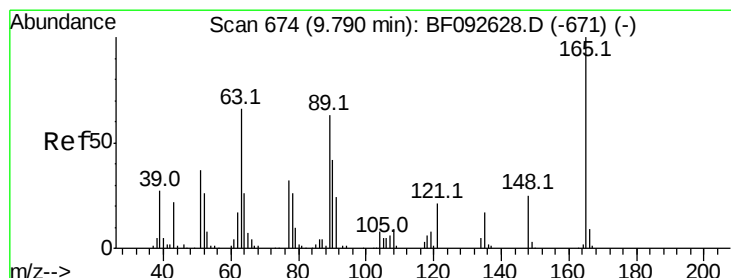
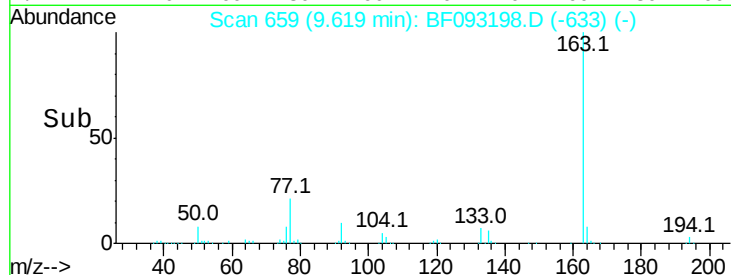
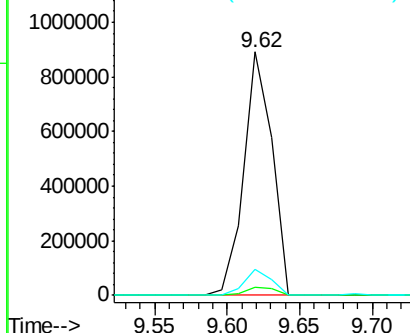
Tot Ion:163 Resp: 1198507
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.8 8.0 12.0

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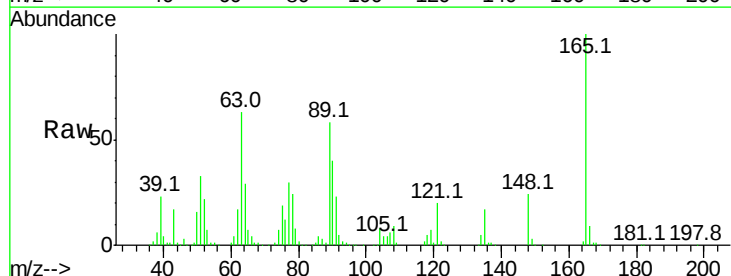


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

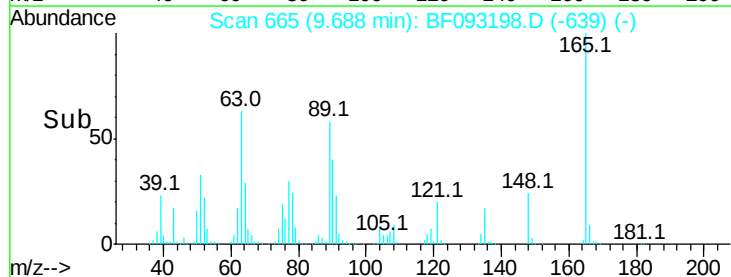
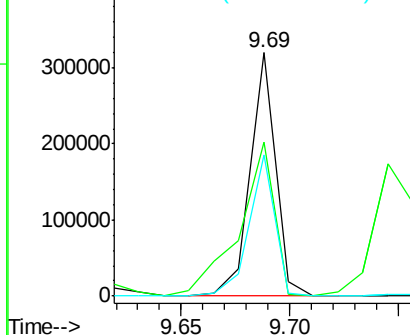


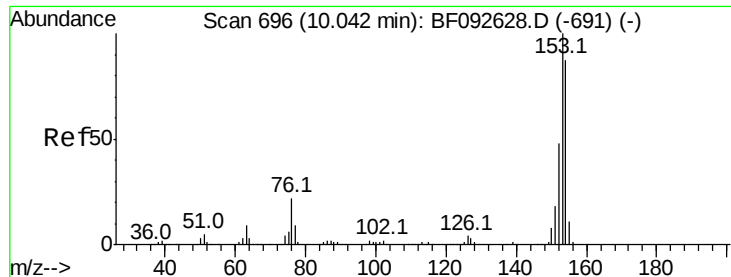
#50
2,6-Dinitrotoluene
Concen: 37.71 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:165 Resp: 260663
Ion Ratio Lower Upper
165 100
63 63.3 36.2 54.4#
89 58.1 40.2 60.4



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





#51

Acenaphthene

Concen: 34.07 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

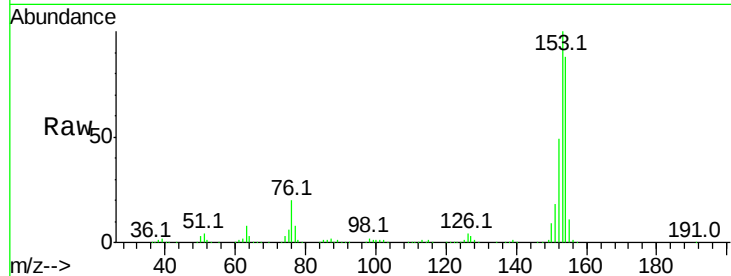
ClientSampleId :

SSTDCCC040

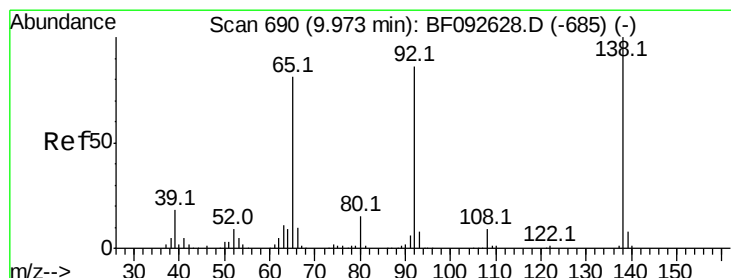
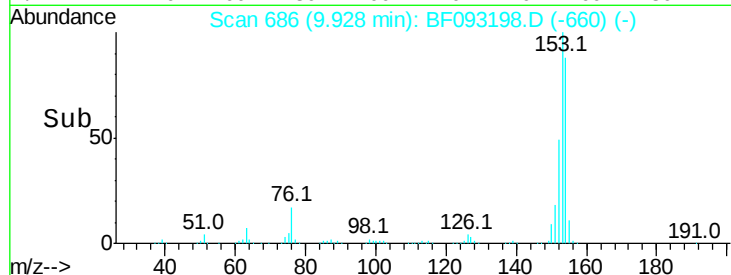
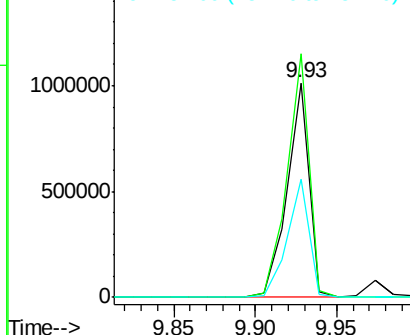
Tot Ion:	154	Resp:	947338
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	55.2	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.31 ng

RT: 9.86 min Scan# 680

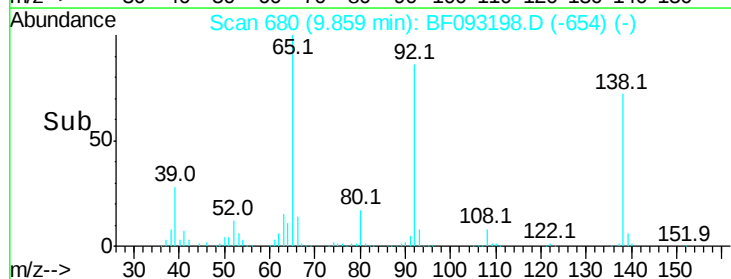
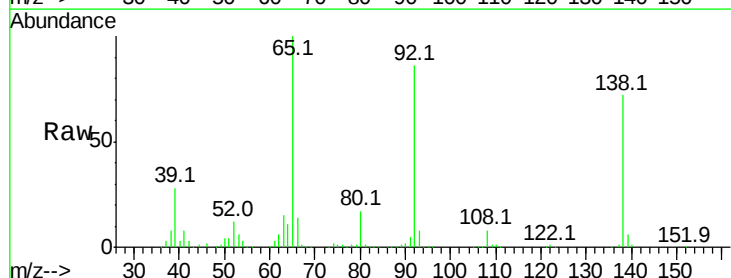
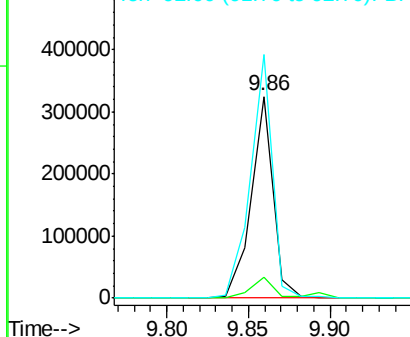
Delta R.T. 0.00 min

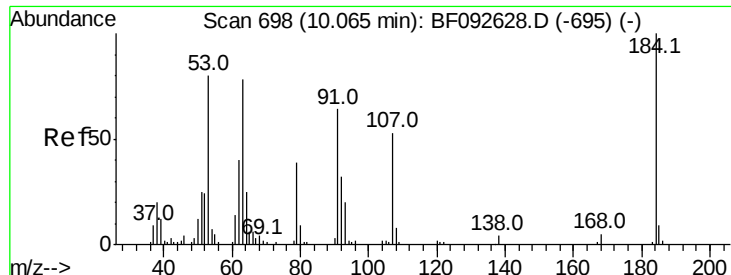
Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	138	Resp:	303036
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.5	12.7
92	120.5	97.8	146.8

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





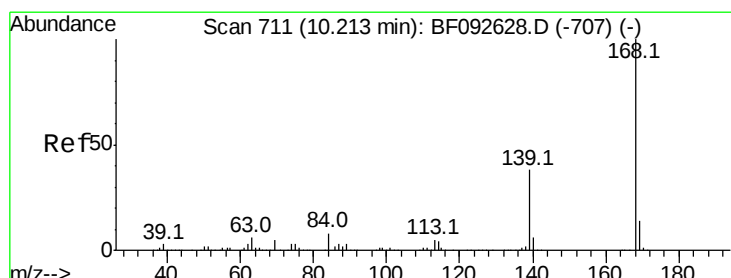
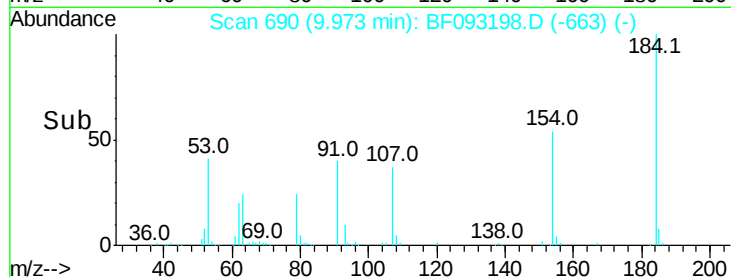
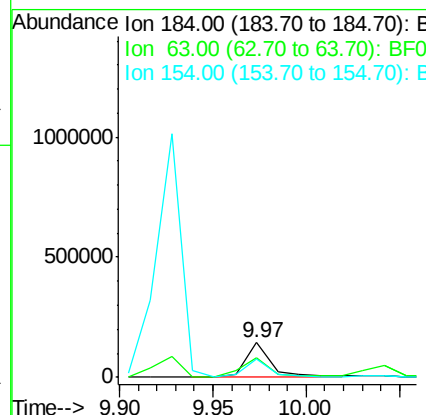
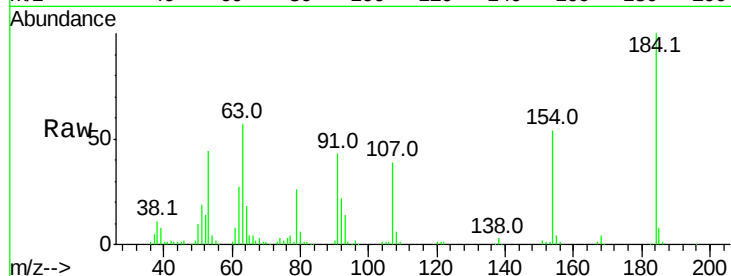
#53
2,4-Dinitrophenol
Concen: 42.33 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.7	28.4	42.6	
154	54.3	44.3	66.5	

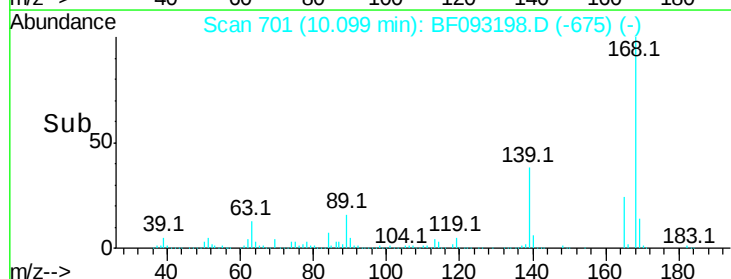
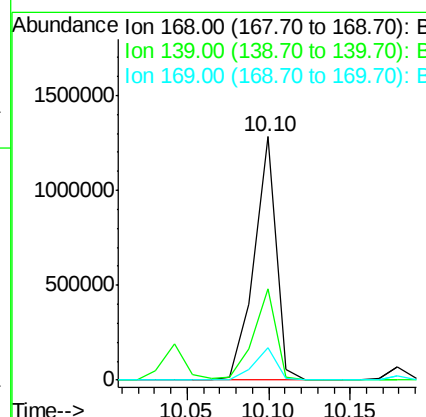
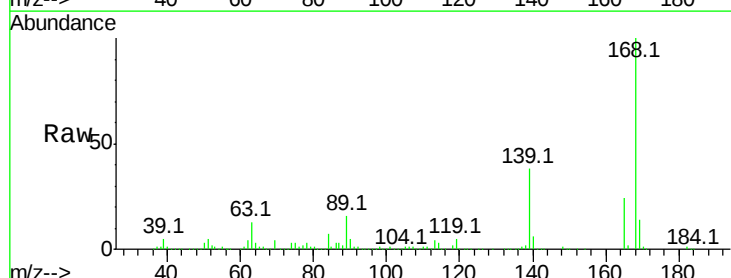
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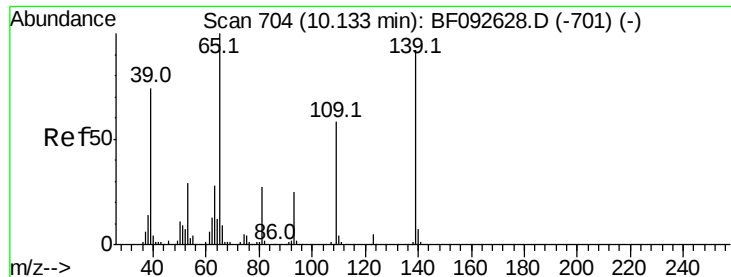
mohammad
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#54
Dibenzofuran
Concen: 32.44 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	32.6	49.0	
169	13.5	11.3	16.9	





#55

4-Nitrophenol

Concen: 33.87 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 192957

Ion Ratio Lower Upper

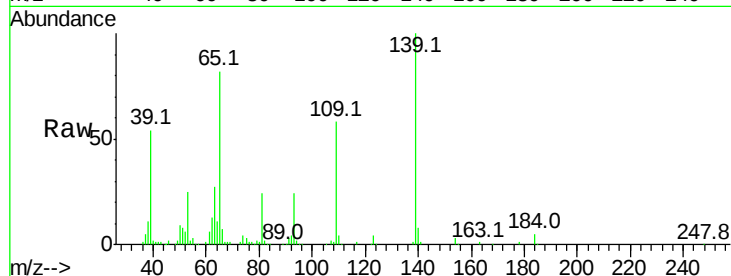
139 100

109 57.9 52.2 92.2

65 82.5 85.8 125.8#

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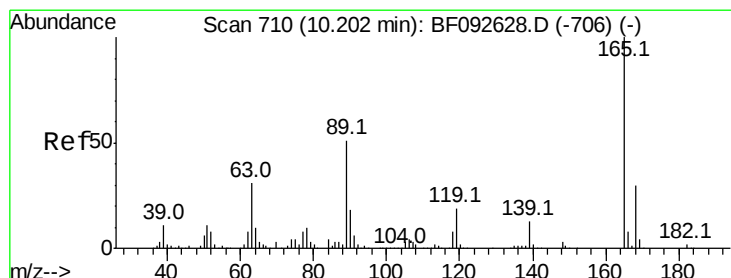
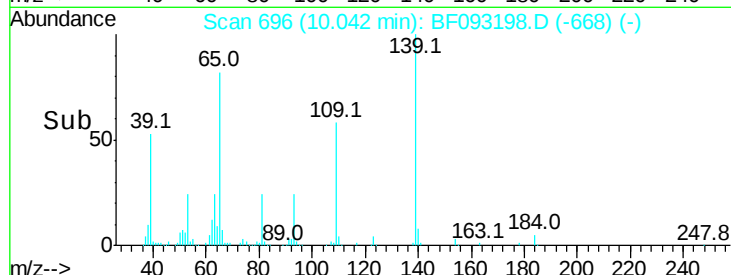
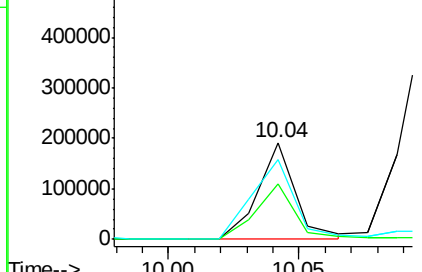
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.18 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:165 Resp: 342134

Ion Ratio Lower Upper

165 100

63 53.1 40.2 60.4

89 66.6 62.5 93.7

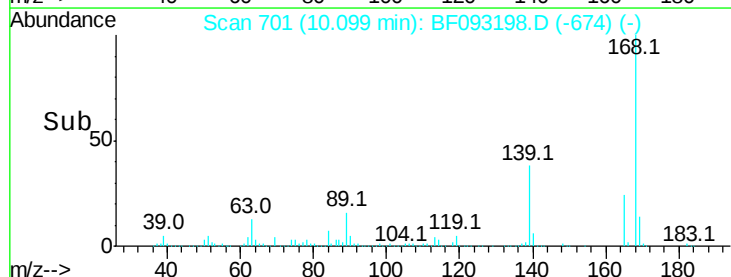
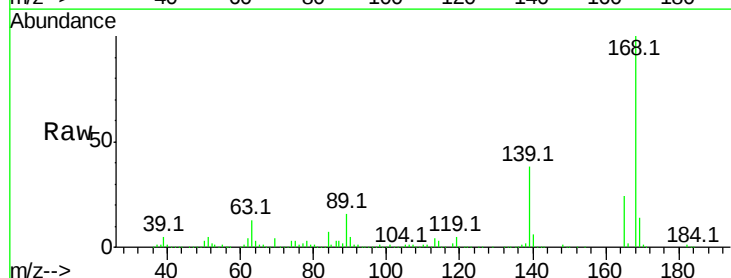
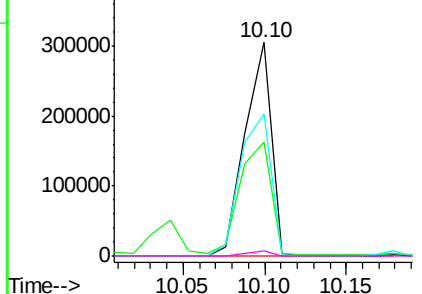
182 2.5 1.8 2.8

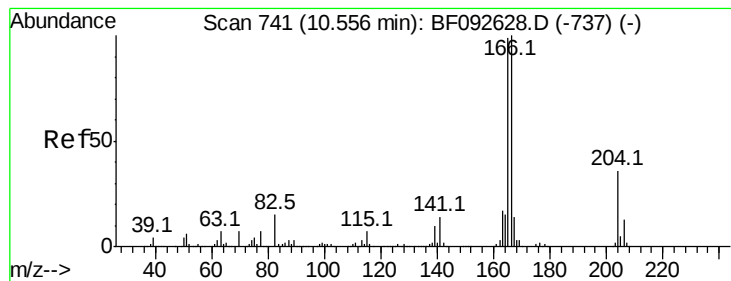
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.49 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1072497

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

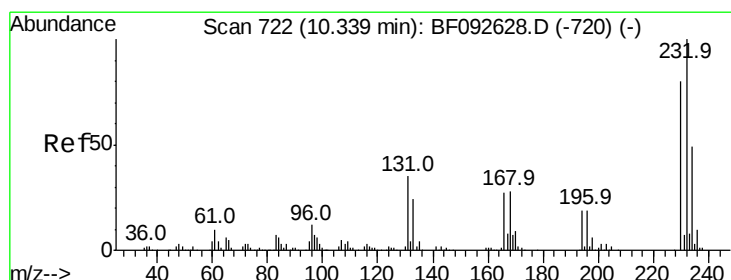
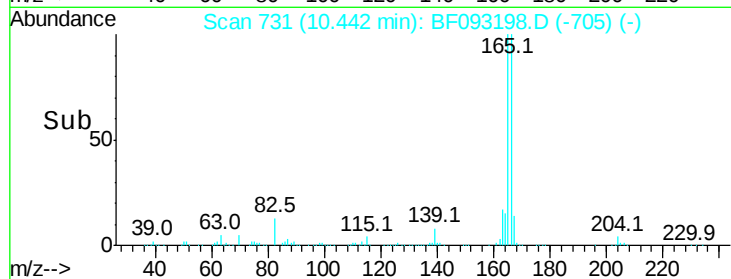
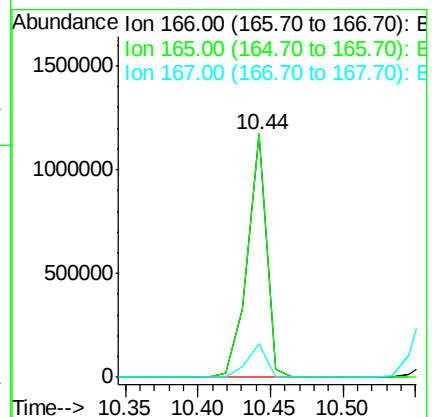
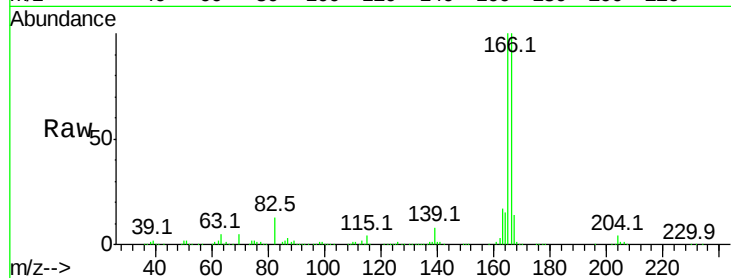
167 13.7 10.8 16.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.11 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:232 Resp: 263365

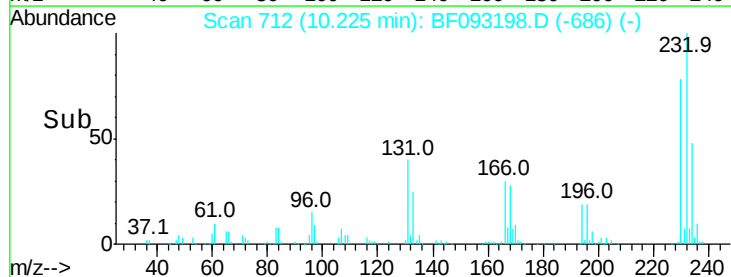
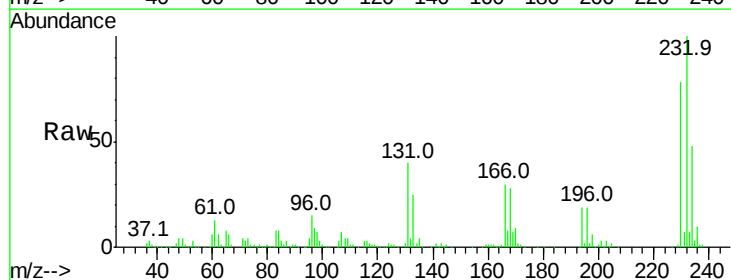
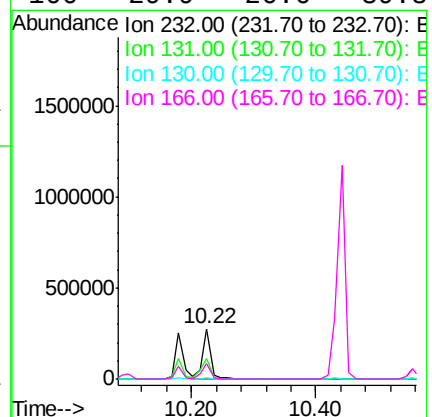
Ion Ratio Lower Upper

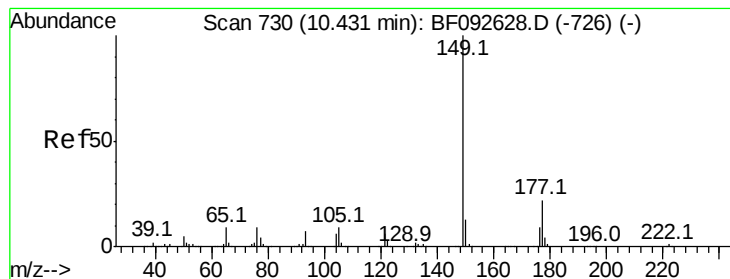
232 100

131 44.9 40.1 60.1

130 2.1 1.8 2.8

166 29.9 26.6 39.8





#59

Diethylphthalate

Concen: 34.35 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1036188

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

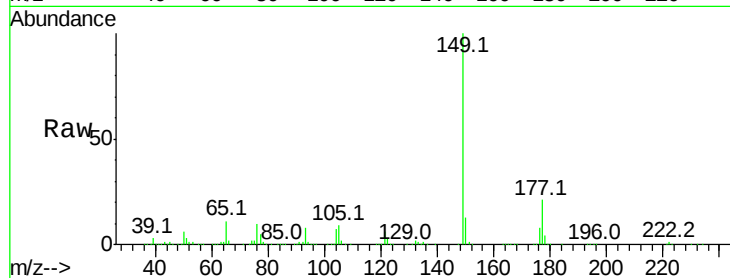
150 12.7 10.4 15.6

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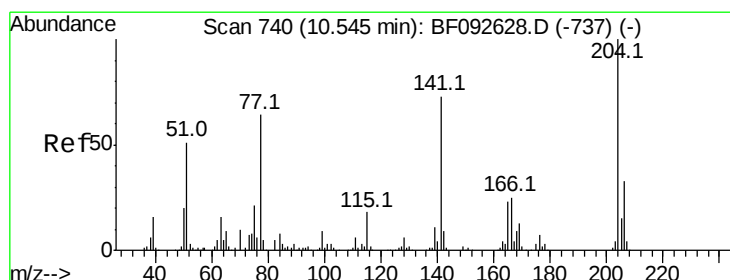
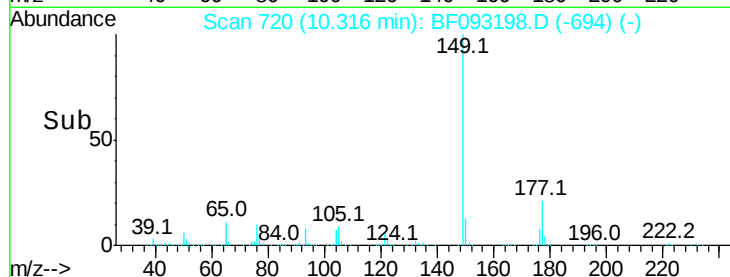
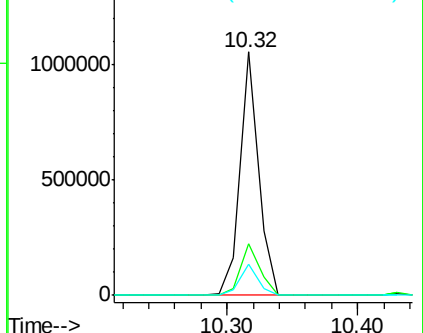
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.25 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

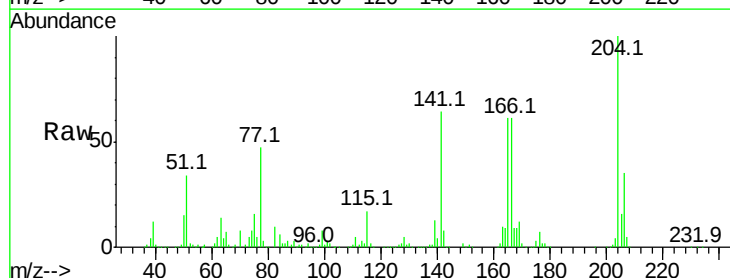
Tgt Ion:204 Resp: 443316

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

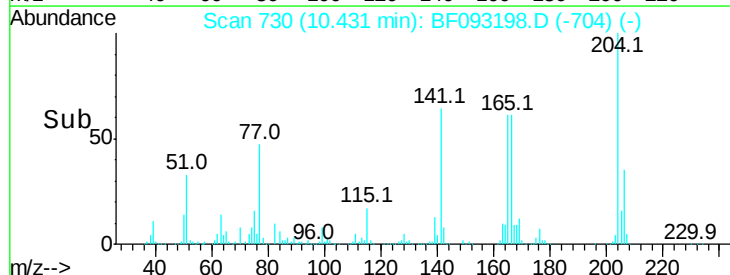
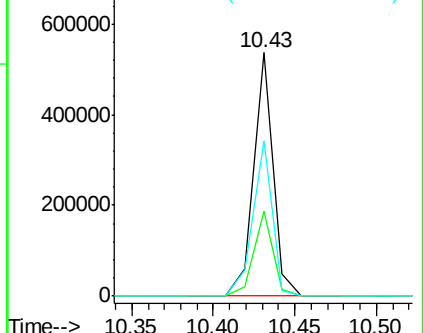
141 63.9 59.4 89.0

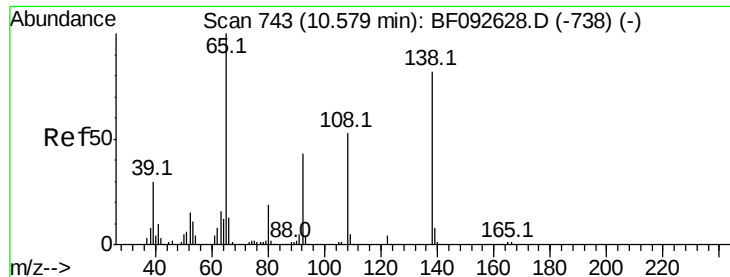


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.74 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

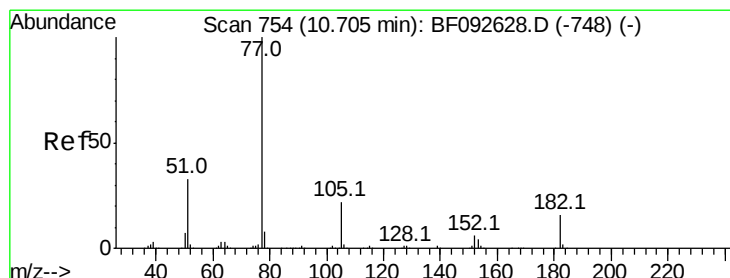
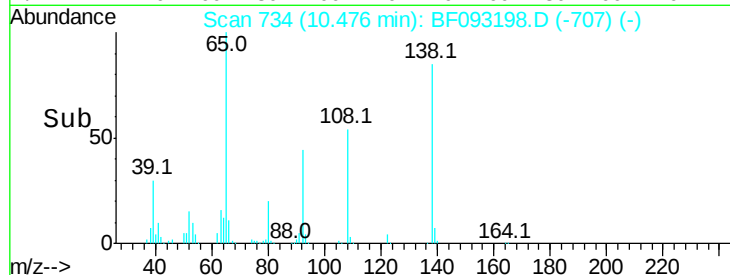
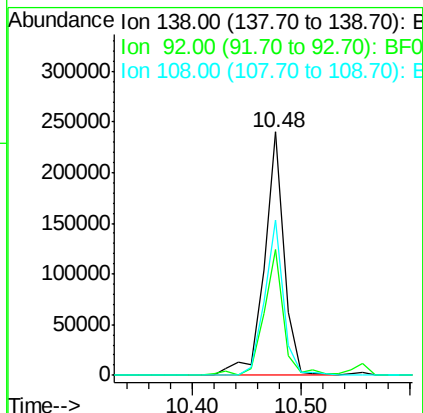
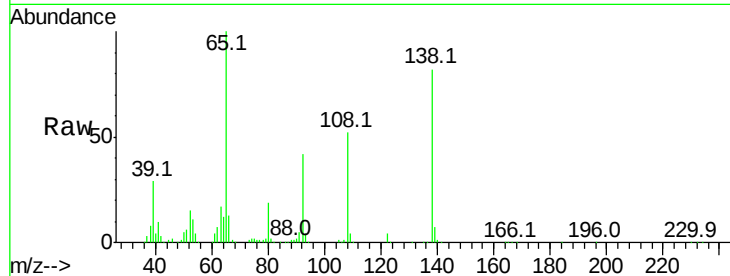
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	305773
Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.7	71.7
108	63.7	52.6	92.6

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#62

Azobenzene

Concen: 38.64 ng

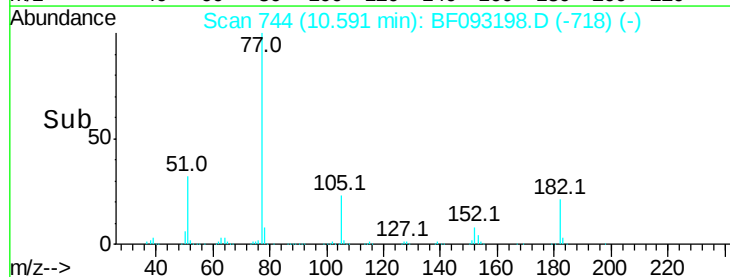
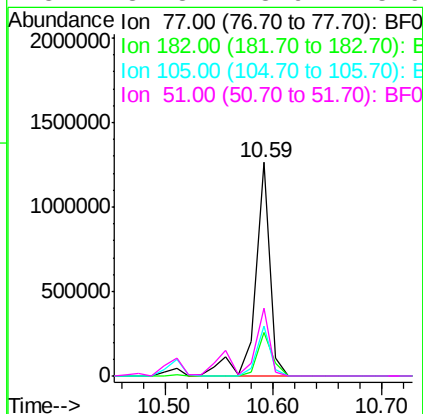
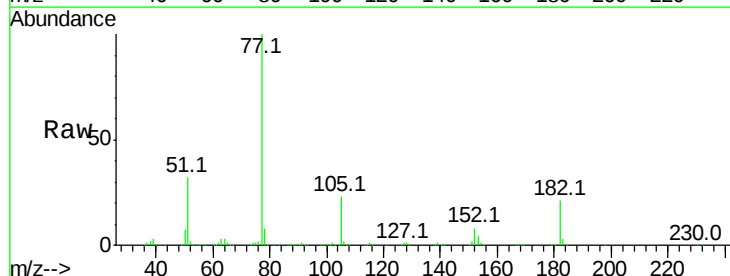
RT: 10.59 min Scan# 744

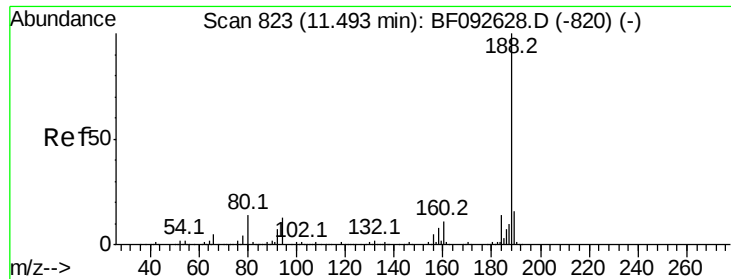
Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	77	Resp:	1204118
Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	39.3
105	23.3	2.3	42.3
51	31.8	8.9	48.9





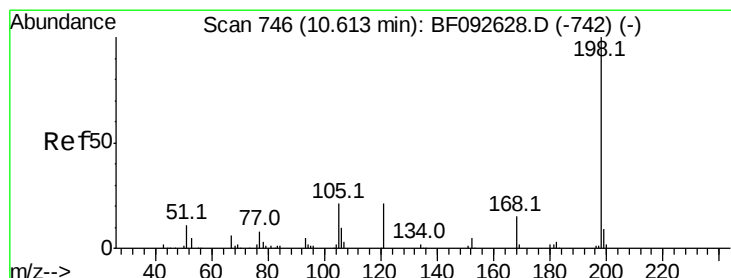
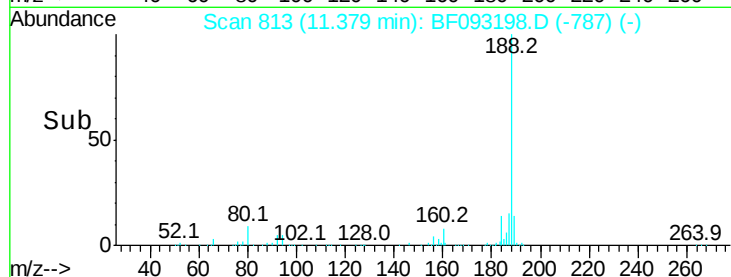
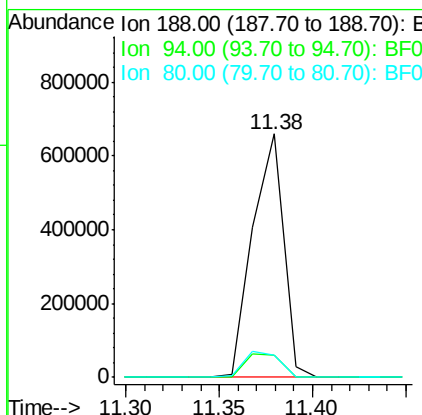
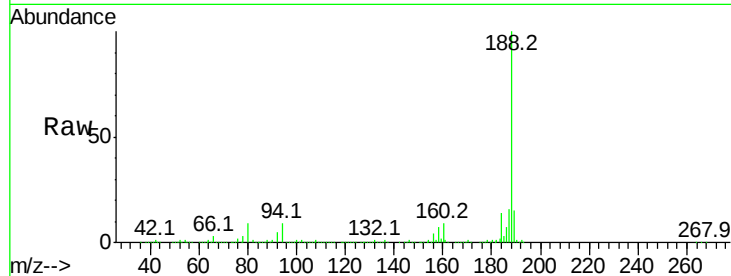
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	757112		
94	8.9	10.0	15.0#	
80	9.0	11.2	16.8#	

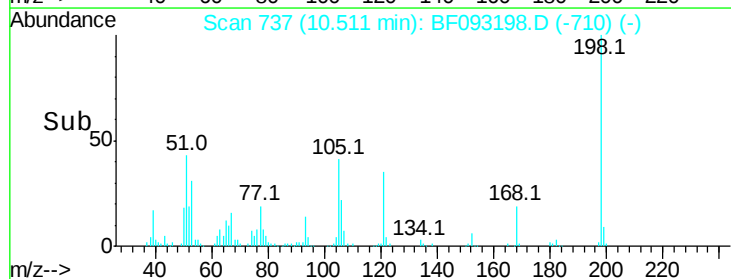
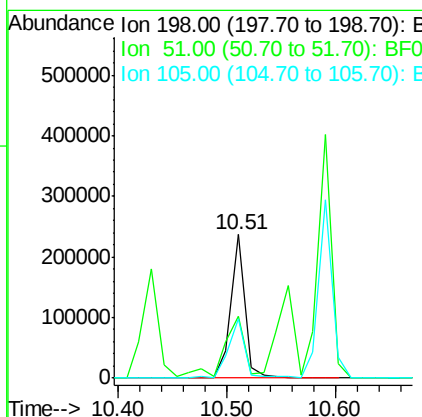
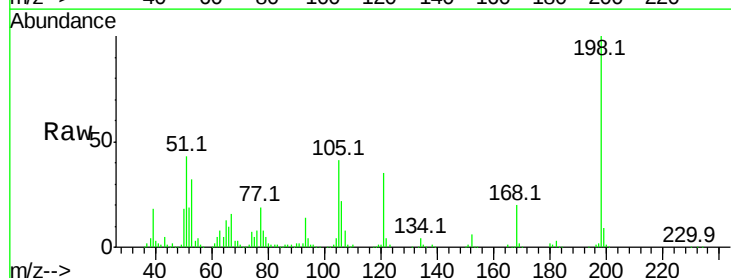
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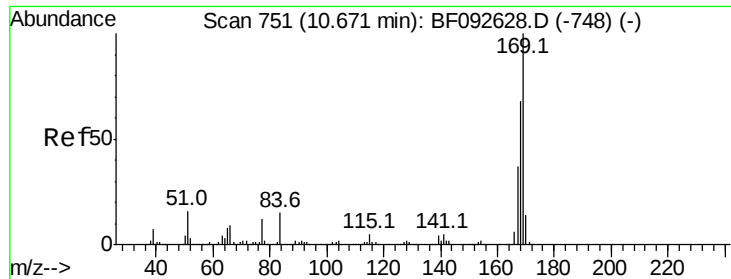
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.48 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213809		
51	43.4	6.7	46.7	
105	41.1	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 38.33 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

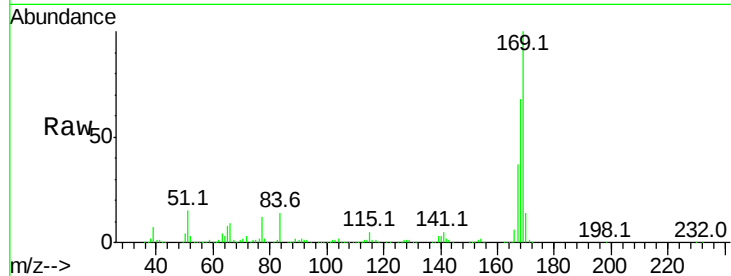
ClientSampleId :

SSTDCCC040

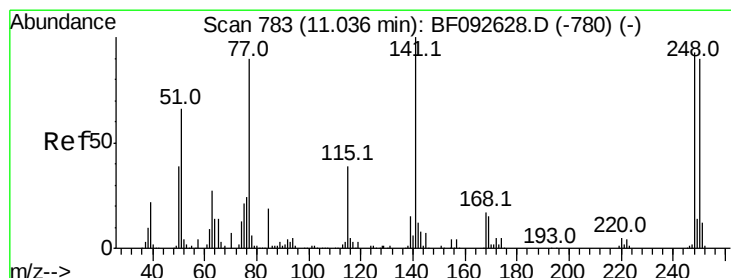
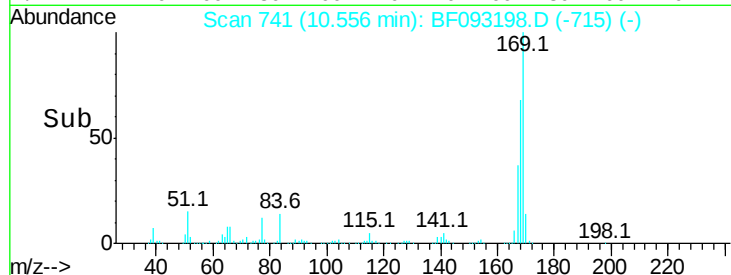
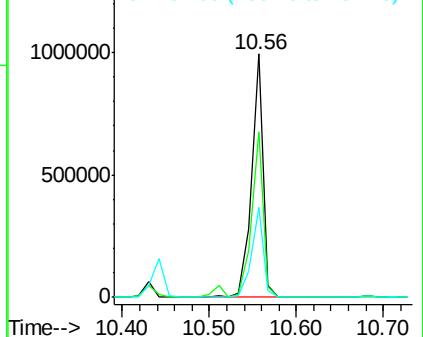
Tot Ion:	169	Resp:	927021
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.2
167	37.2	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.38 ng

RT: 10.92 min Scan# 773

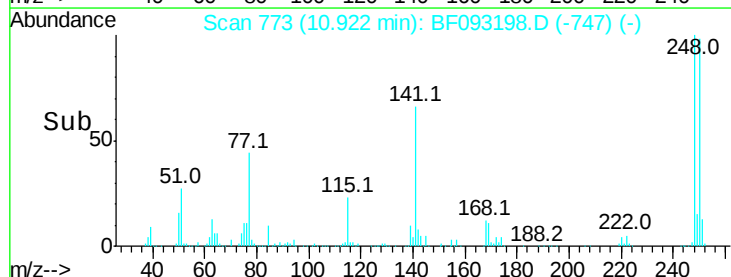
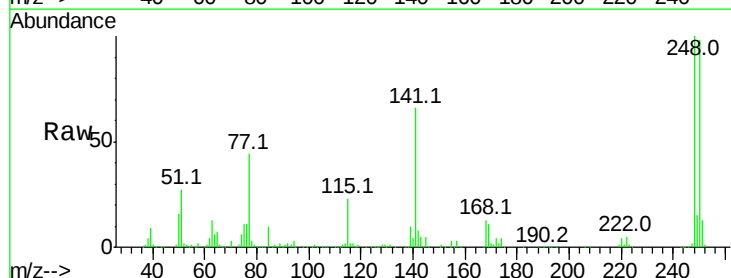
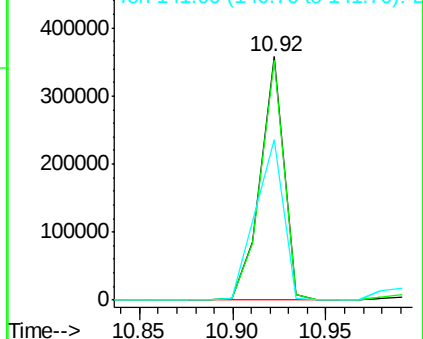
Delta R.T. 0.00 min

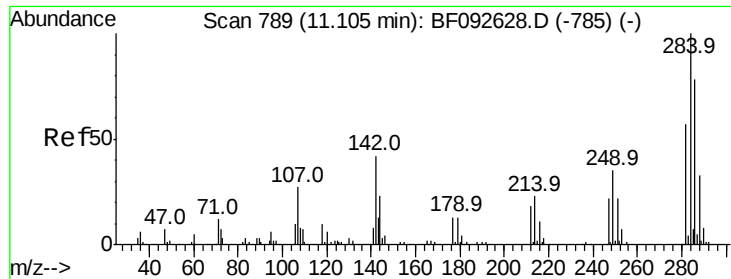
Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:	248	Resp:	311489
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.9	115.3
141	65.9	68.2	102.4#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





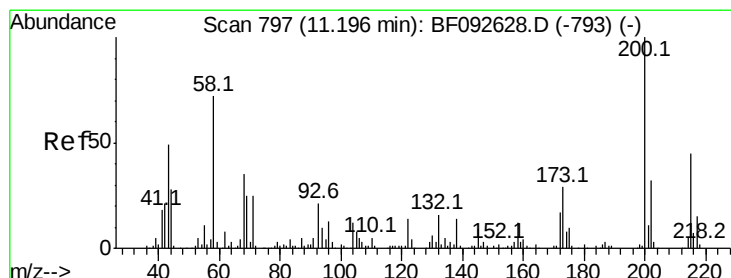
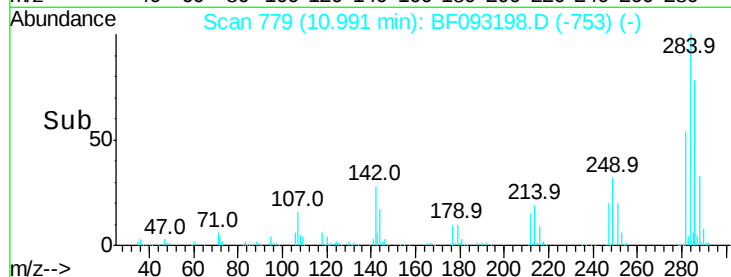
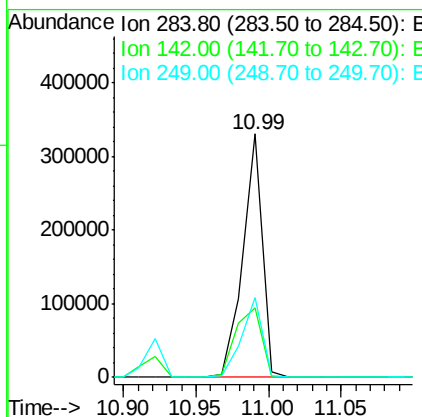
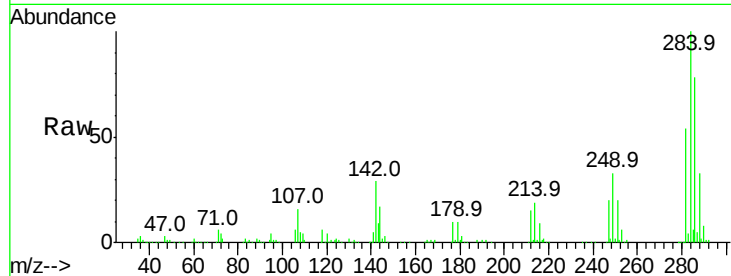
#67
Hexachlorobenzene
Concen: 39.42 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	308158		
142	28.8	22.6	33.8	
249	32.6	25.4	38.0	

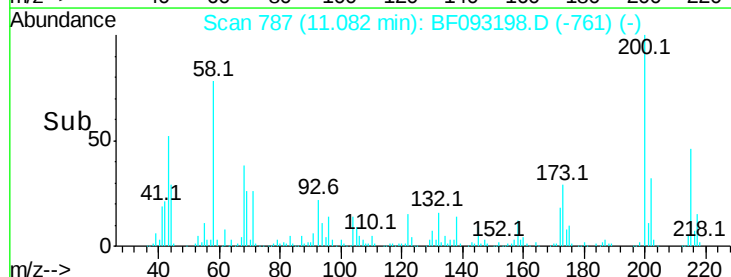
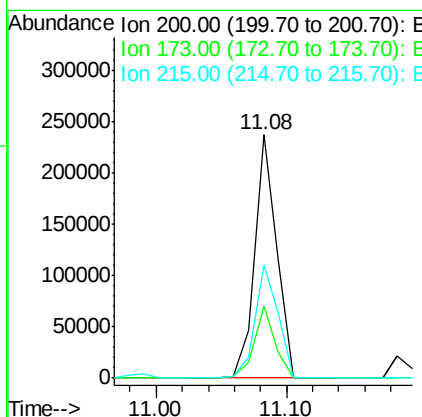
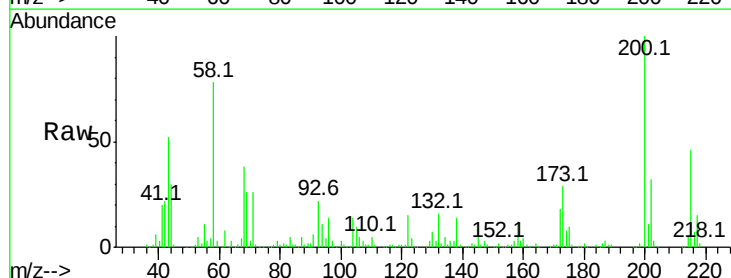
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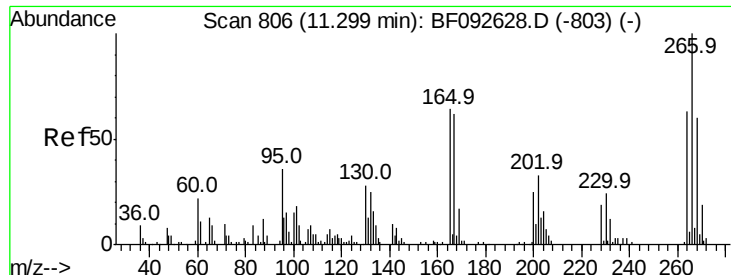
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#68
Atrazine
Concen: 35.81 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	277945		
173	29.4	9.6	49.6	
215	46.2	25.7	65.7	





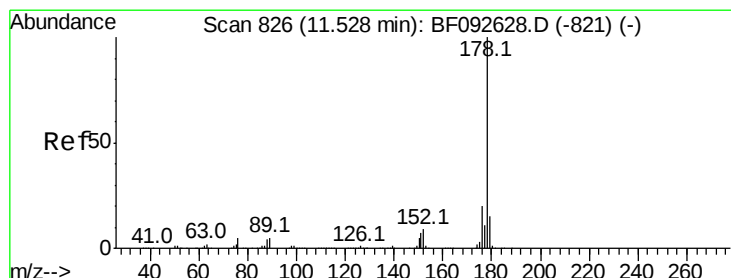
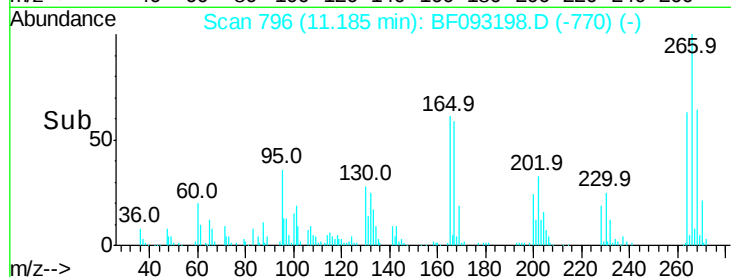
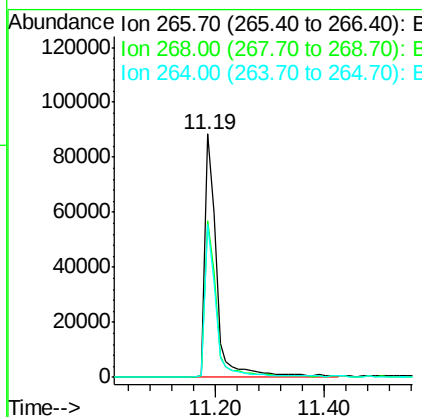
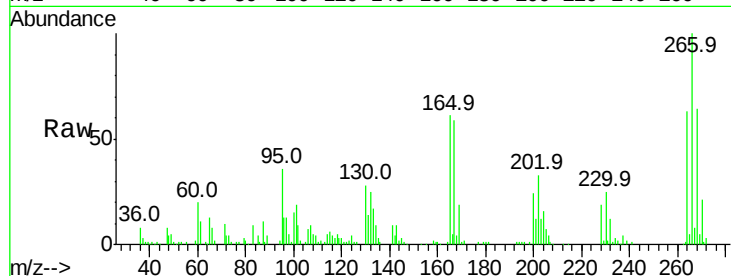
#69
 Pentachlorophenol
 Concen: 37.17 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132877		
268	64.2	53.3	79.9	
264	62.8	50.3	75.5	

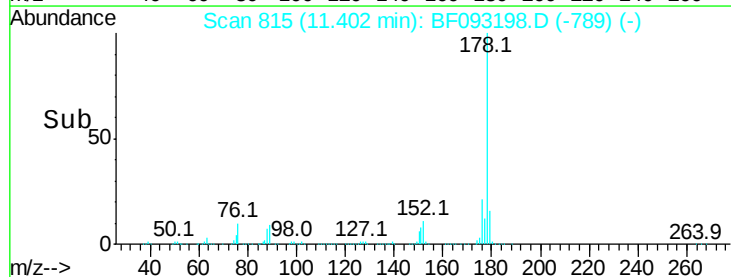
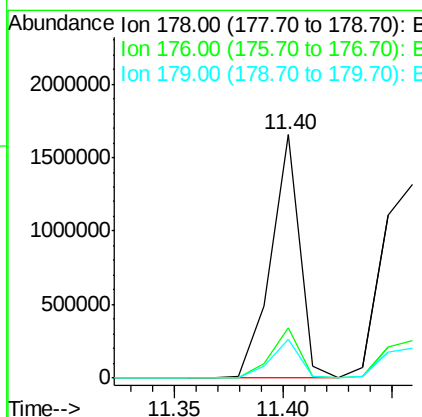
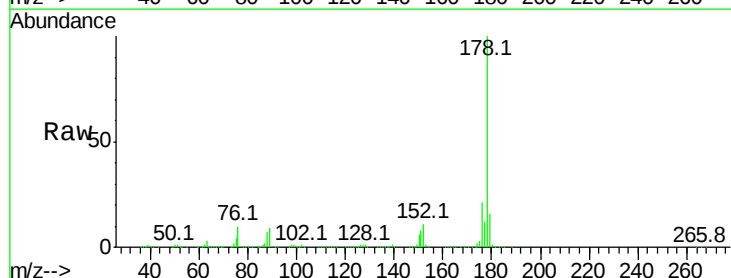
Manual Integrations
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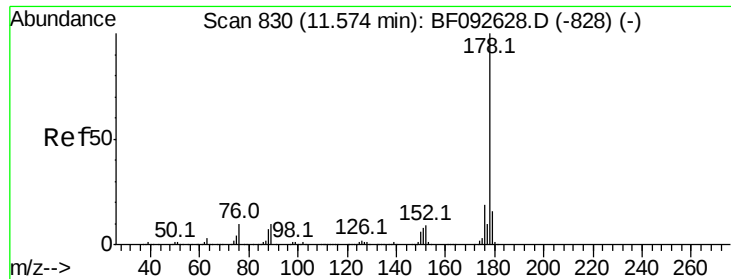
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#70
 Phenanthrene
 Concen: 35.47 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1538358		
176	20.6	16.6	25.0	
179	15.9	12.8	19.2	





#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

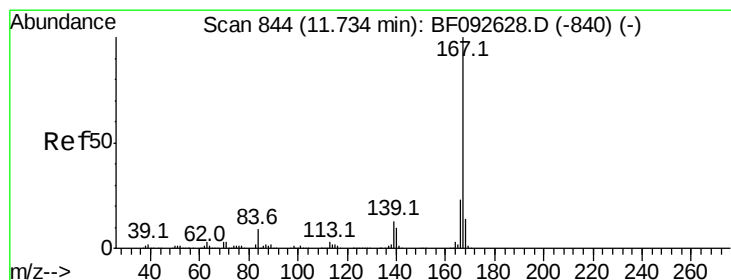
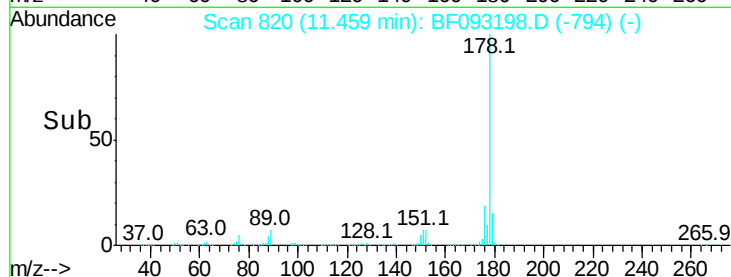
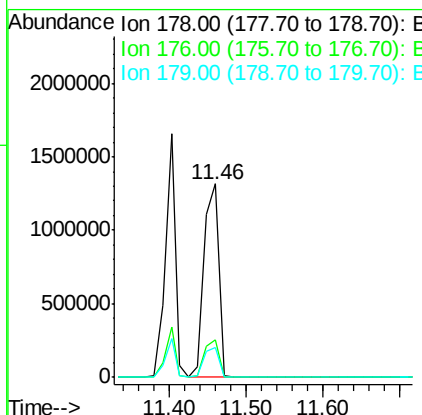
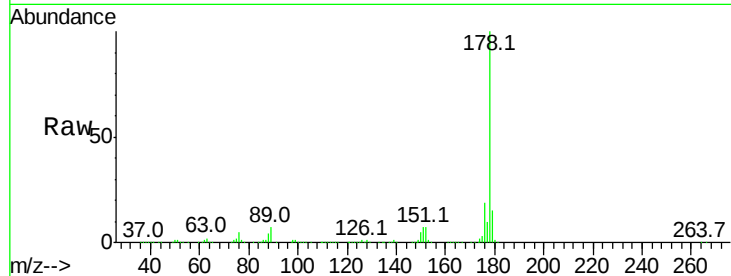
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1729359

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.5	13.2	19.8

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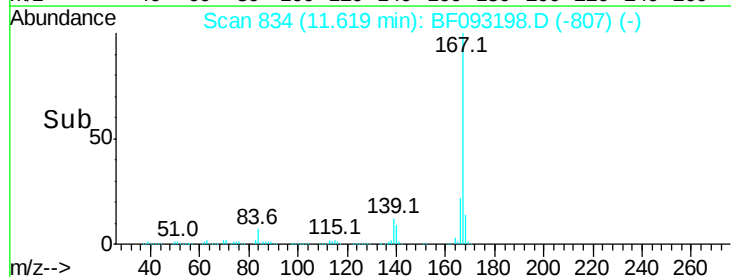
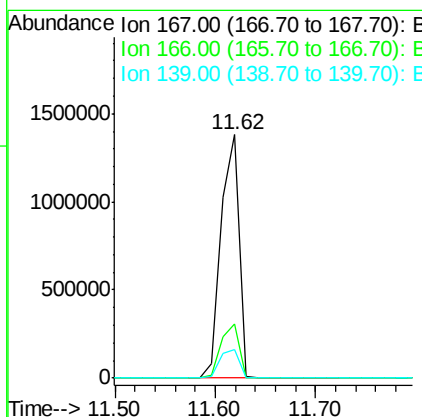
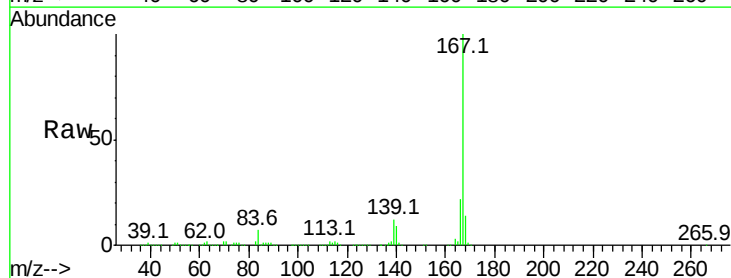
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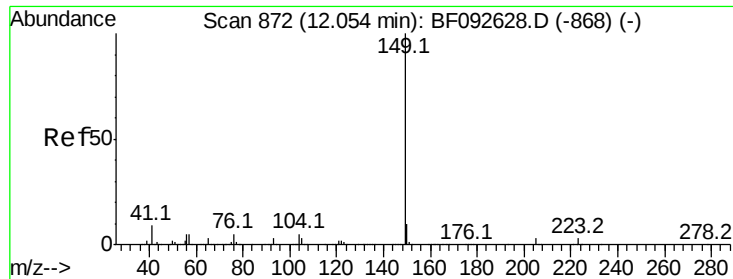


#72
 Carbazole
 Concen: 41.47 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:167 Resp: 1726606

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	12.0	11.4	17.2





#73

Di-n-butylphthalate

Concen: 41.22 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1856229

Ion Ratio Lower Upper

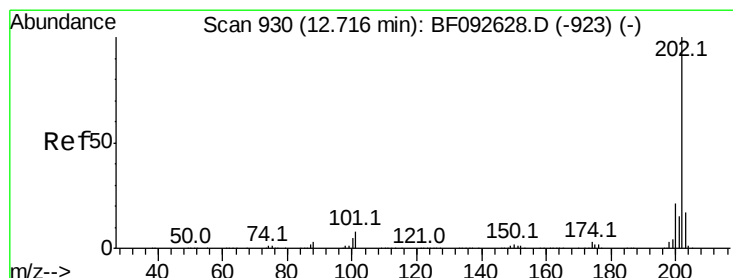
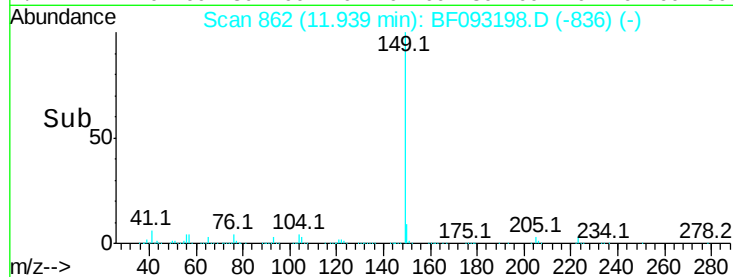
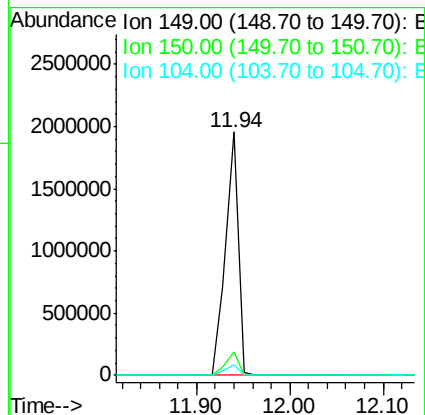
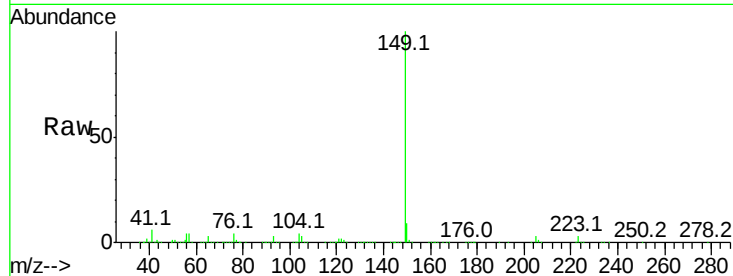
149 100

150 9.5 8.1 12.1

104 4.2 4.6 7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 37.01 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

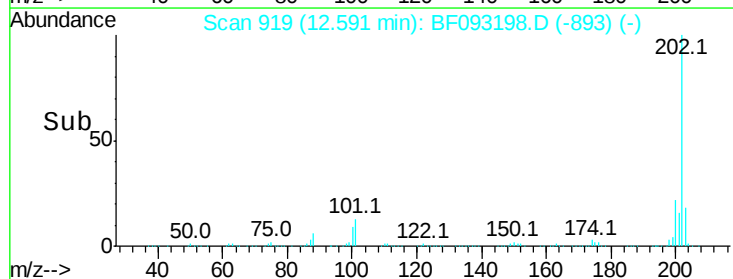
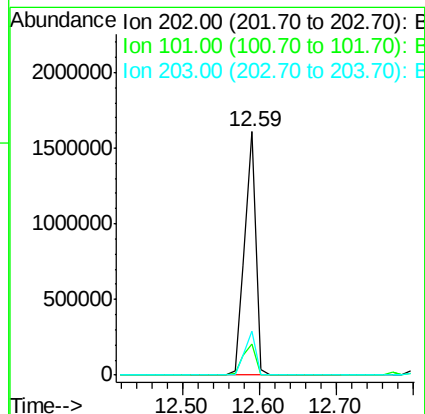
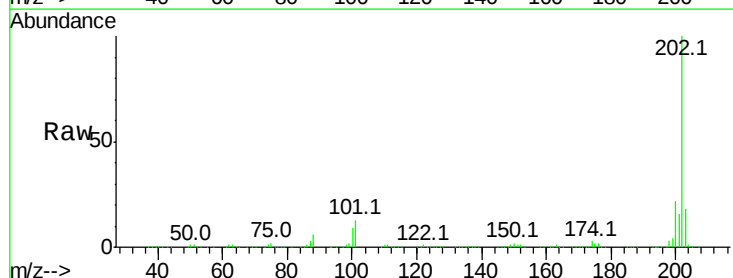
Tgt Ion:202 Resp: 1656070

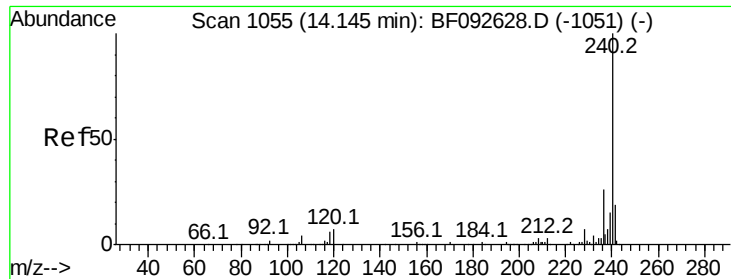
Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

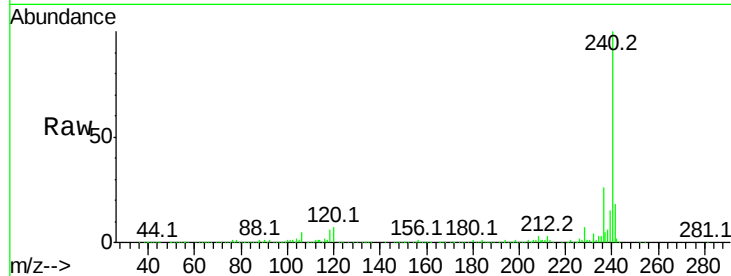
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.9	19.3#
236	26.2	20.9	31.3

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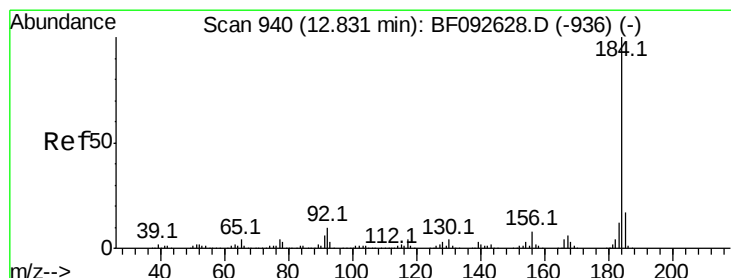
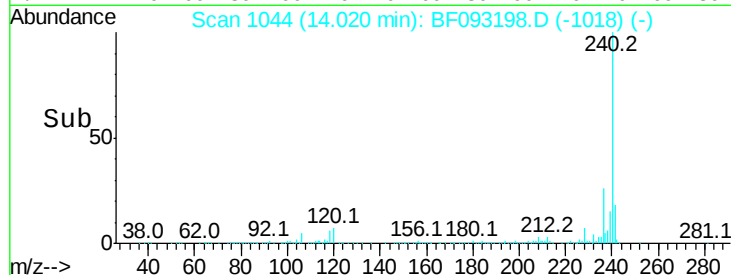
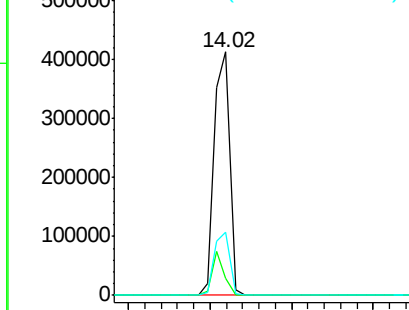
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.74 ng

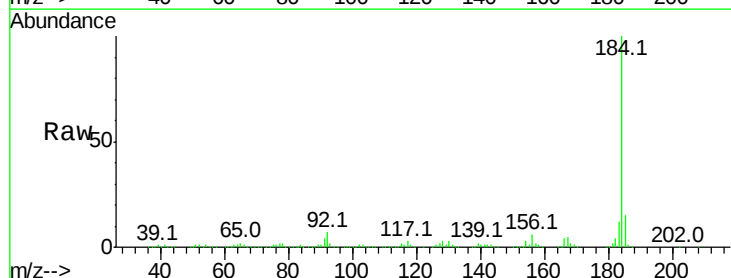
RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

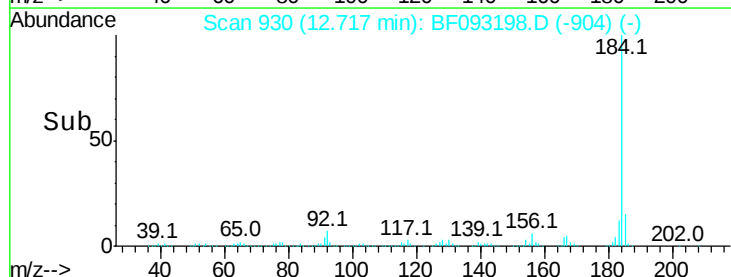
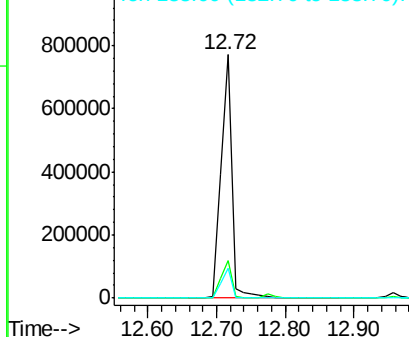
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	12.3	9.2	13.8

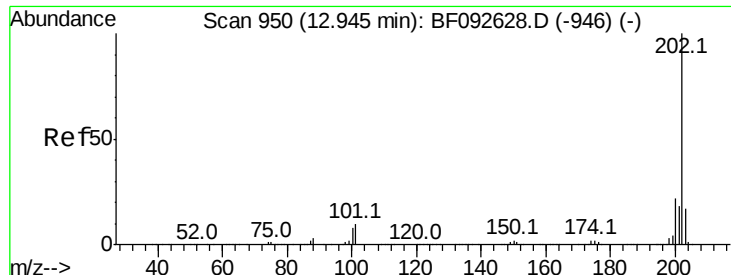


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.66 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1714424

Ion Ratio Lower Upper

202 100

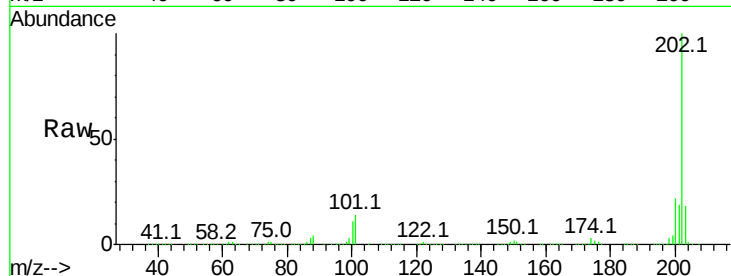
200 22.1 17.7 26.5

203 17.9 14.7 22.1

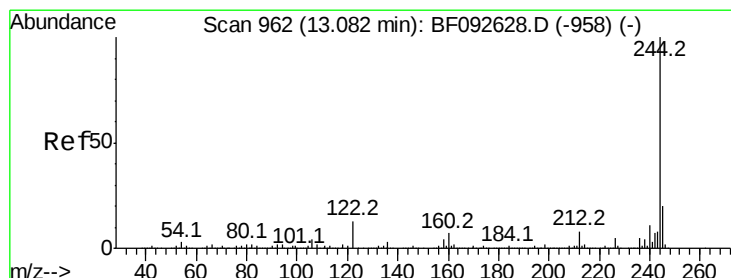
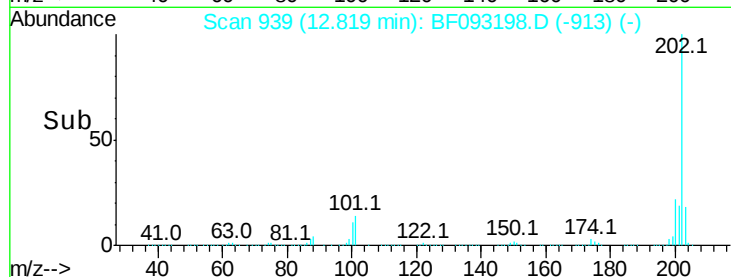
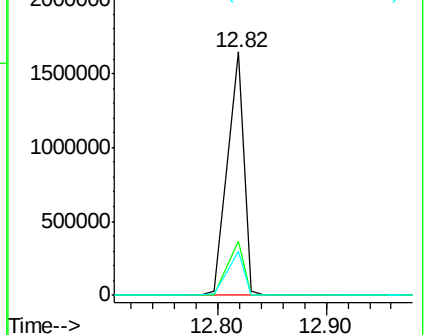
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.51 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

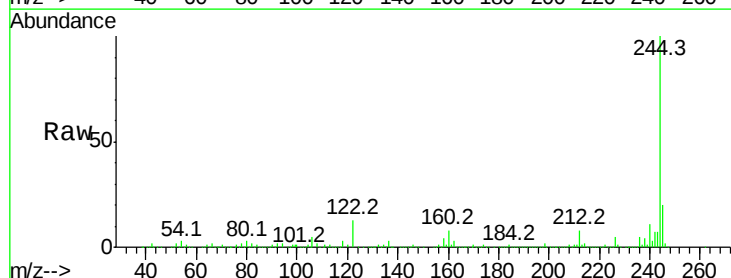
Tgt Ion:244 Resp: 1767215

Ion Ratio Lower Upper

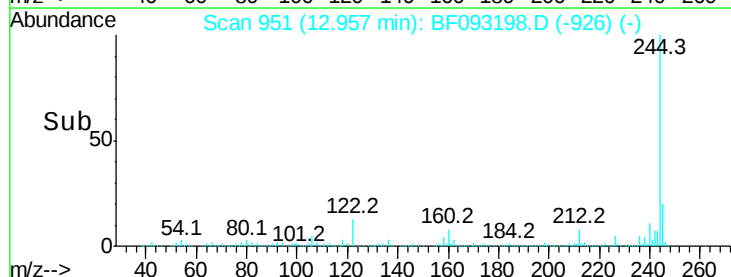
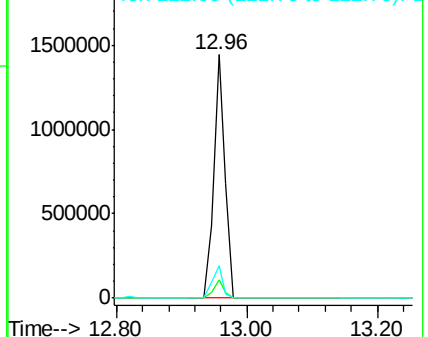
244 100

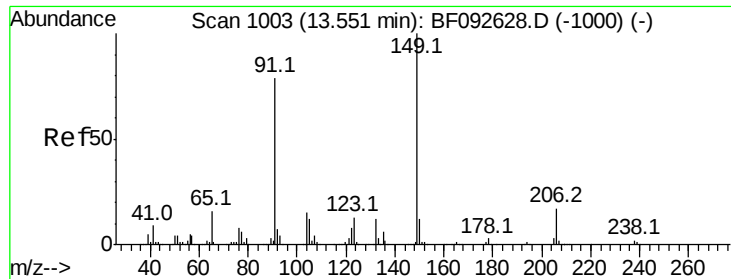
212 7.5 6.2 9.2

122 13.4 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





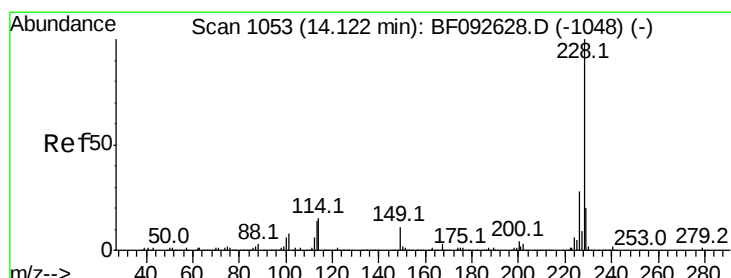
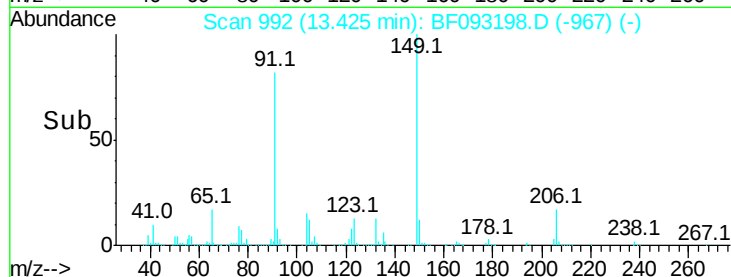
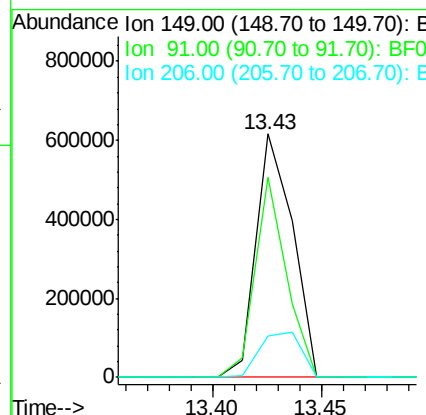
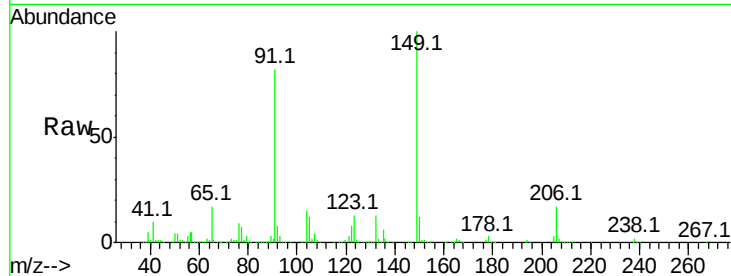
#79
Butylbenzylphthalate
Concen: 43.50 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	63.9	95.9
206	16.9	14.6	21.8

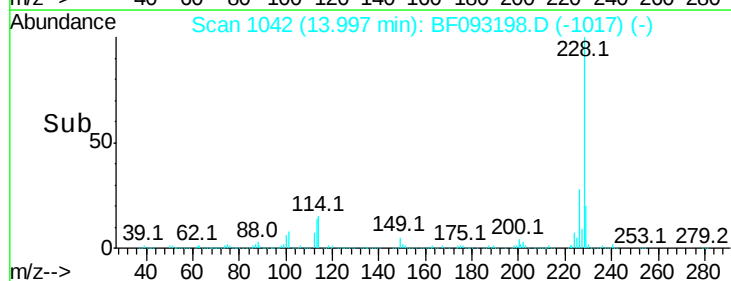
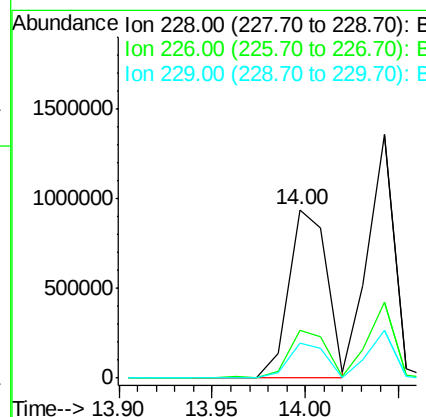
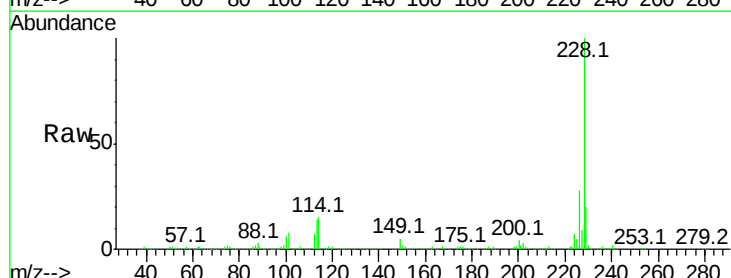
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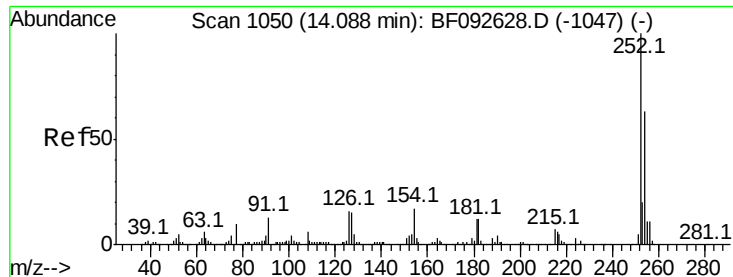
mohammad
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#80
Benzo(a)anthracene
Concen: 39.67 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.4	16.2	24.4





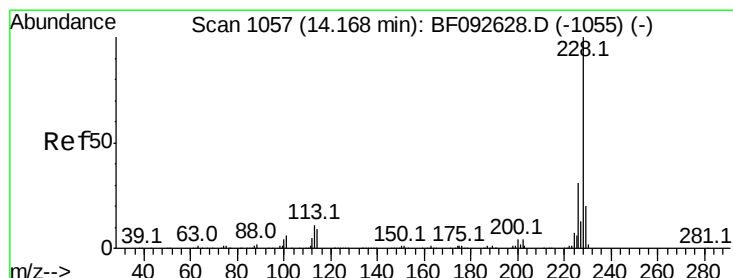
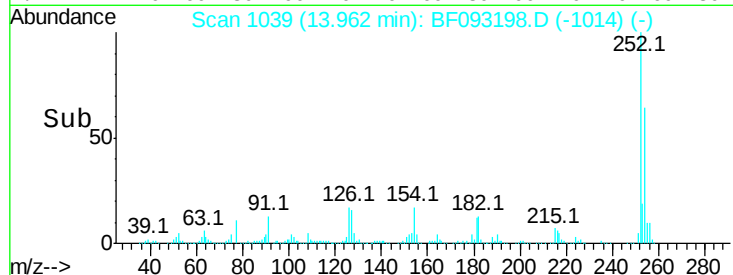
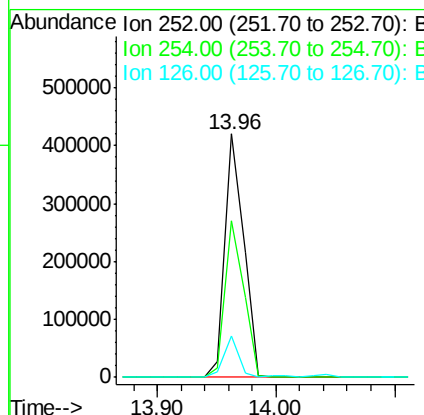
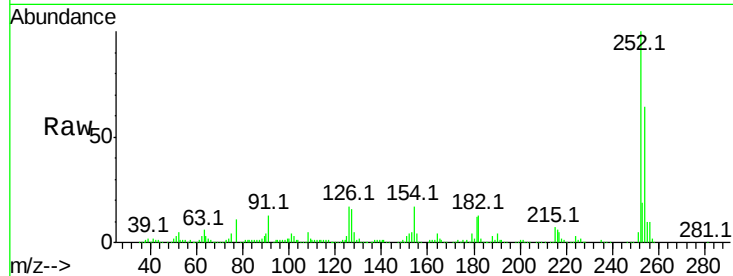
#81
 3,3'-Dichlorobenzidine
 Concen: 38.39 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	460255		
254	64.2	52.3	78.5	
126	16.8	13.6	20.4	

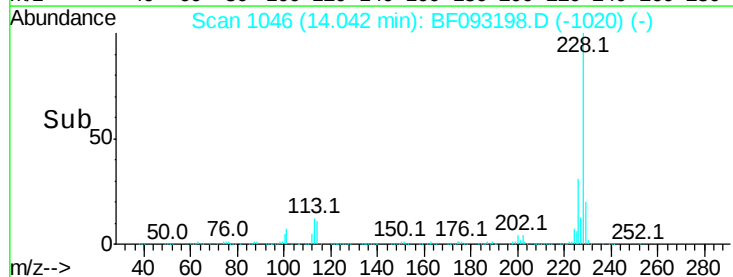
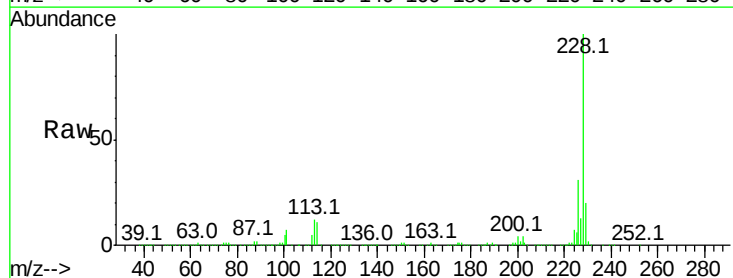
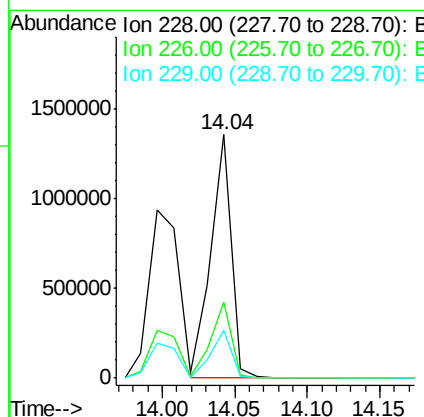
Manual Integrations
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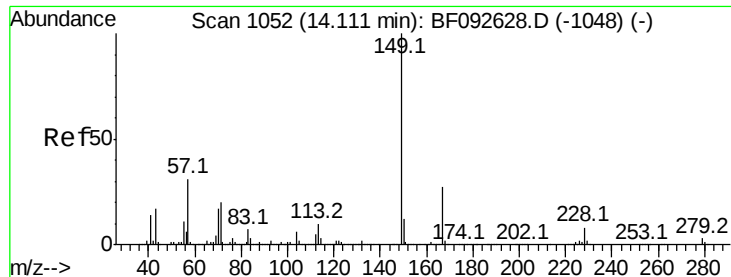
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#82
 Chrysene
 Concen: 42.20 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1328844		
226	31.3	25.4	38.0	
229	19.9	16.2	24.2	





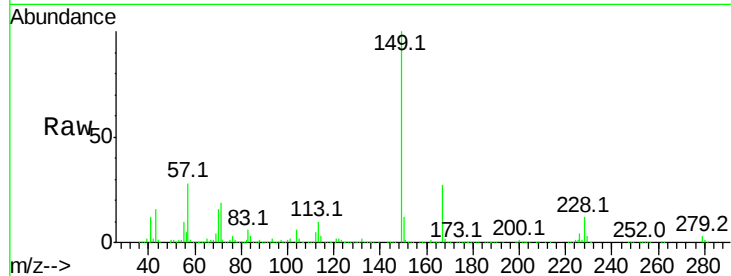
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

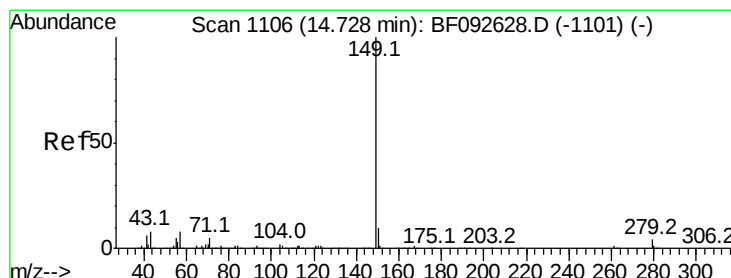
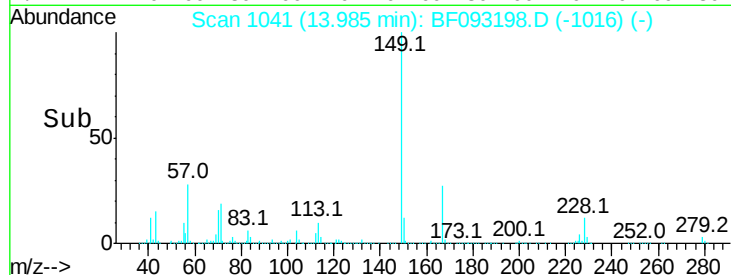
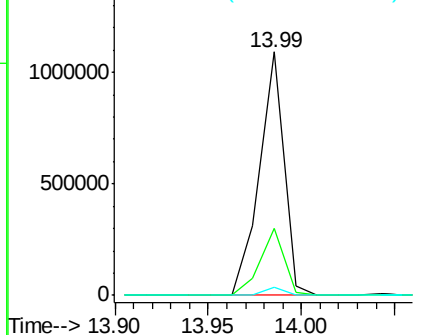
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	20.2	30.4	
279	3.1	1.8	2.8	

Manual Integrations
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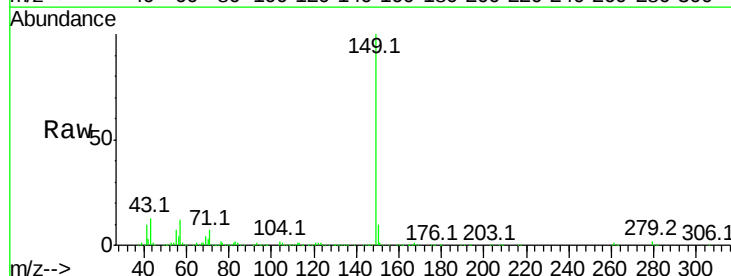


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

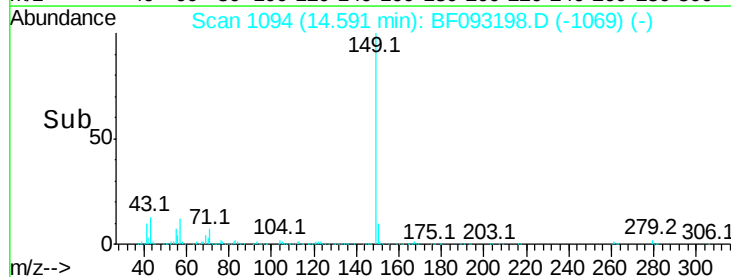
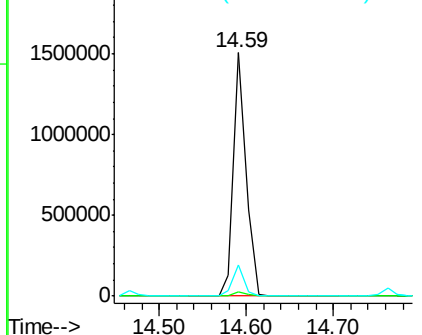


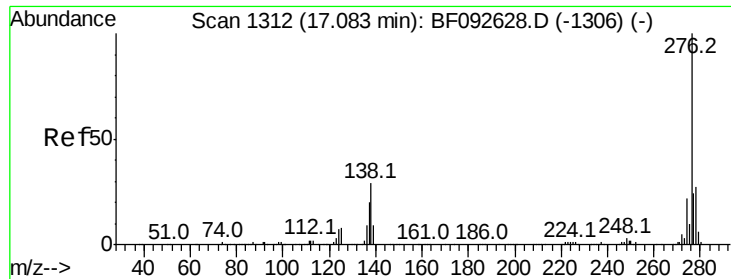
#84
 Di-n-octyl phthalate
 Concen: 40.47 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.9	8.9	13.3	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





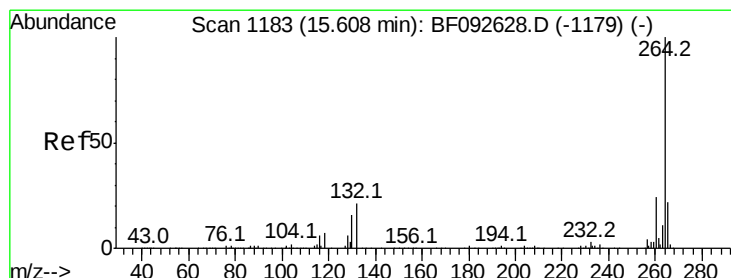
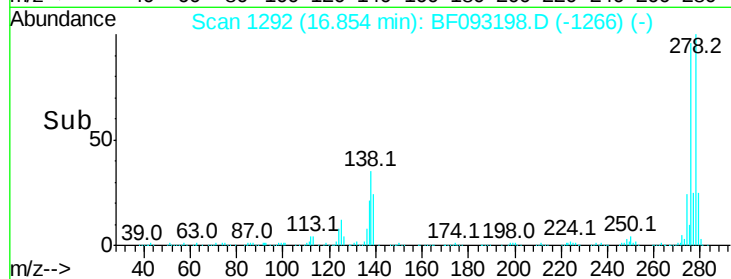
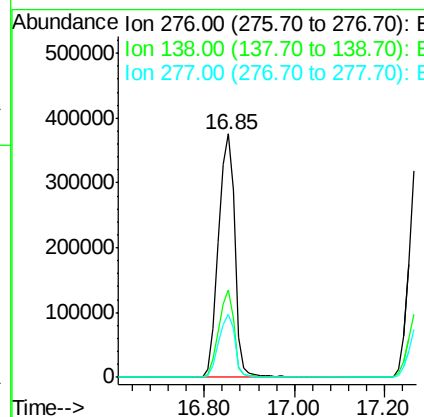
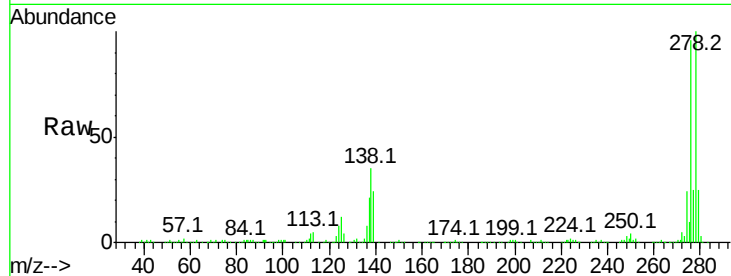
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.35 ng
RT: 16.85 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	21.8	32.6
277	25.2	20.2	30.4

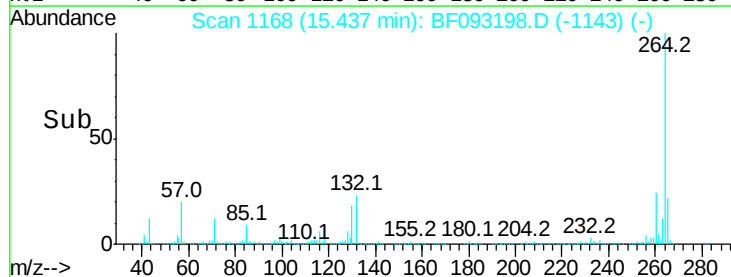
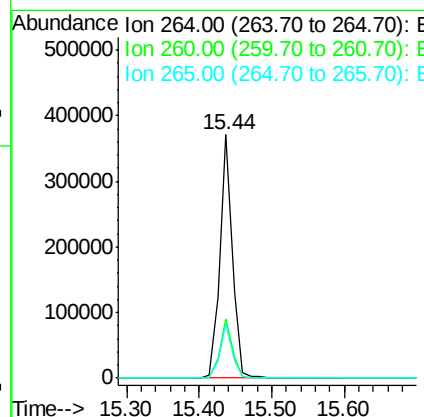
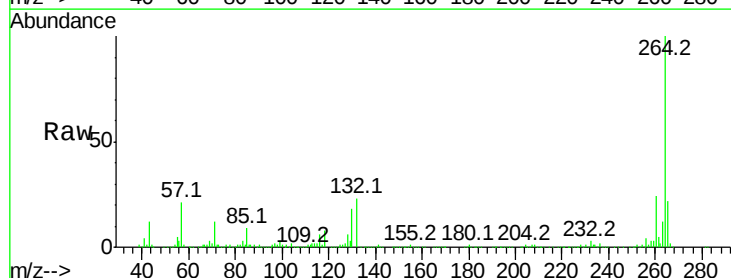
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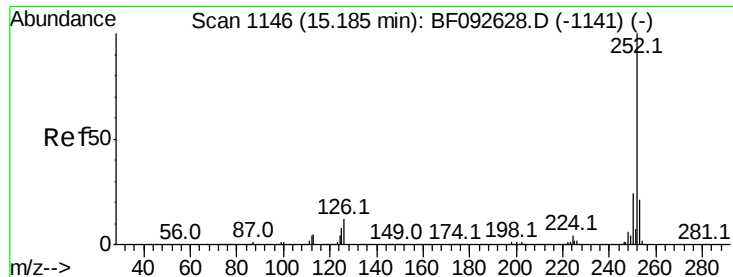
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.4	26.0





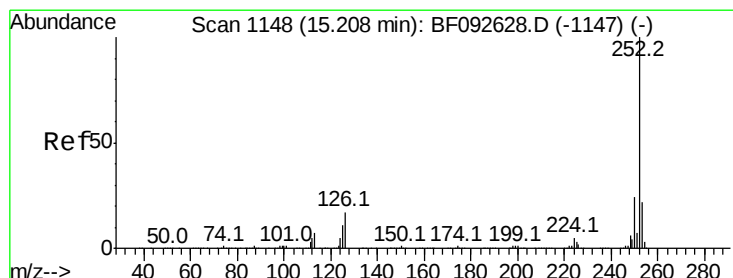
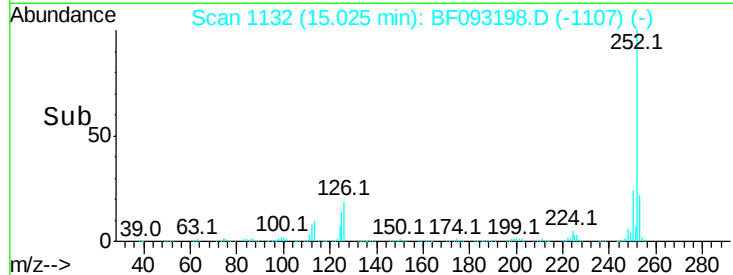
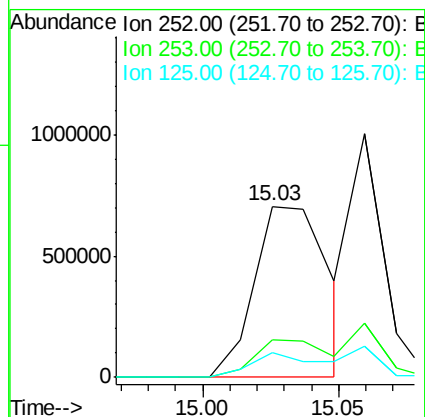
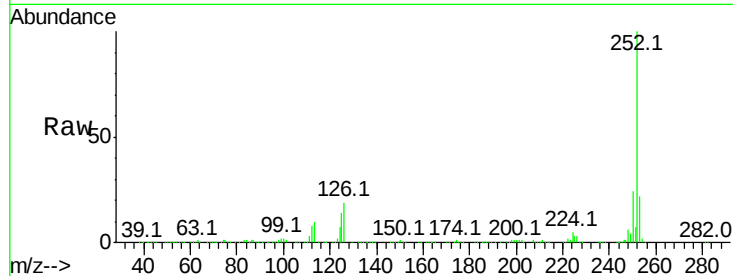
#87
Benzo(b)fluoranthene
Concen: 45.92 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	14.3	9.8	14.6

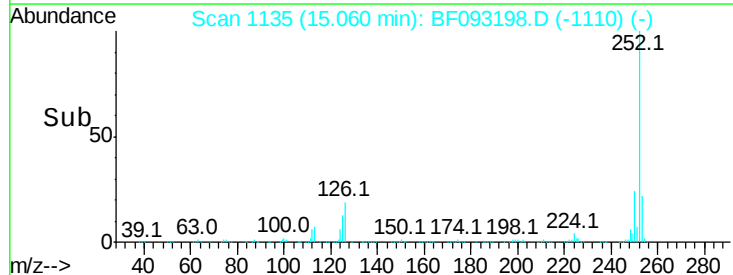
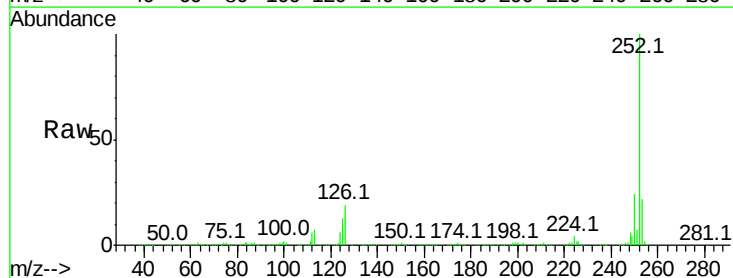
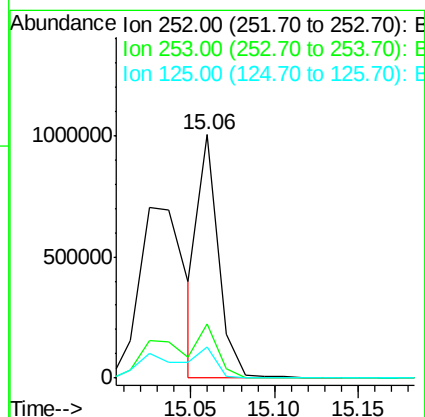
Manual Integrations
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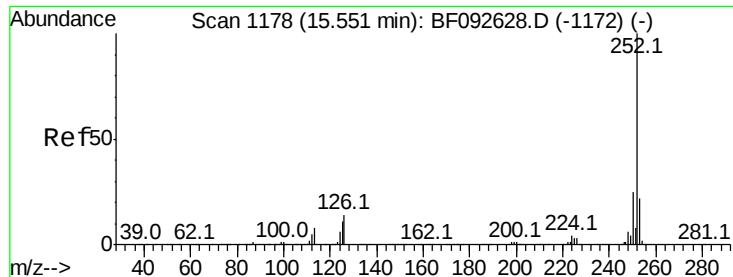
mohammad
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#88
Benzo(k)fluoranthene
Concen: 33.12 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	12.6	8.9	13.3





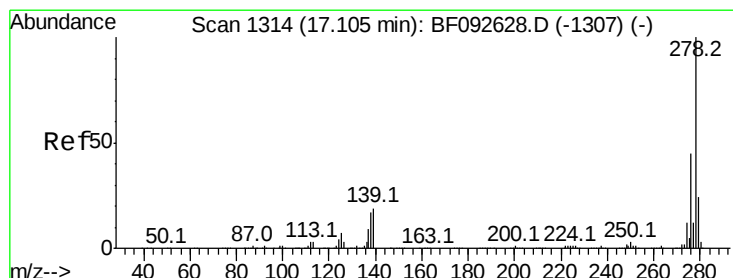
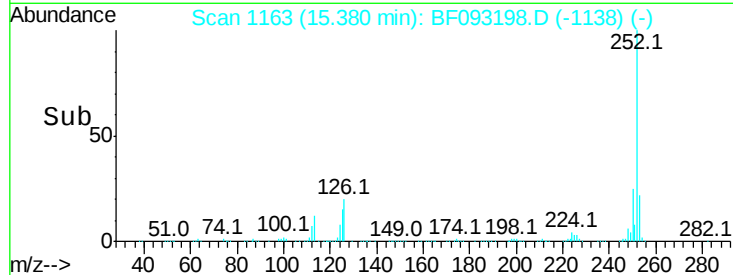
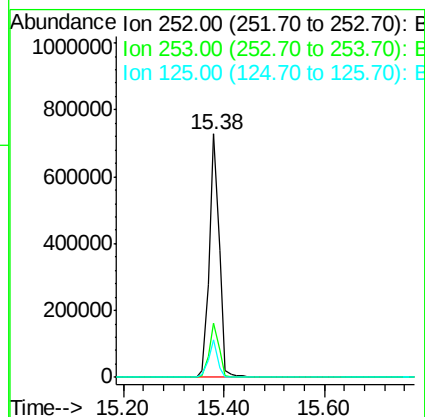
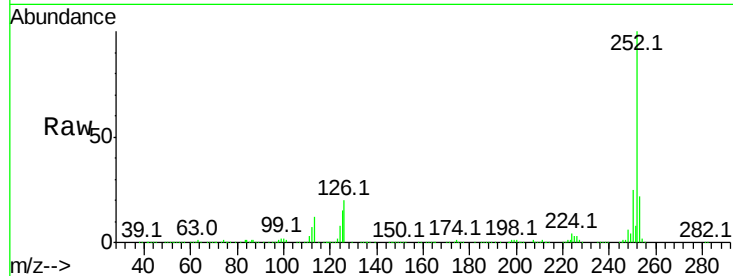
#89
Benzo(a)pyrene
Concen: 39.39 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.2	10.0	15.0#

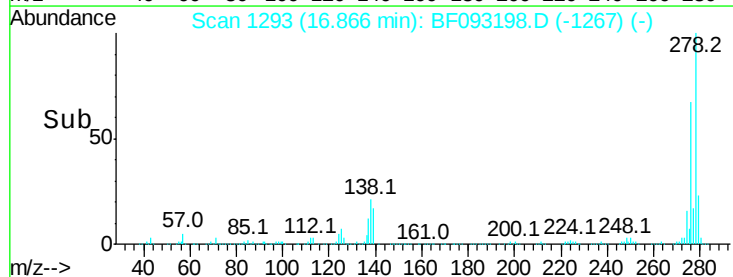
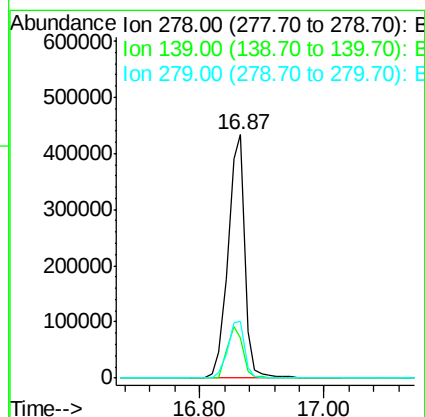
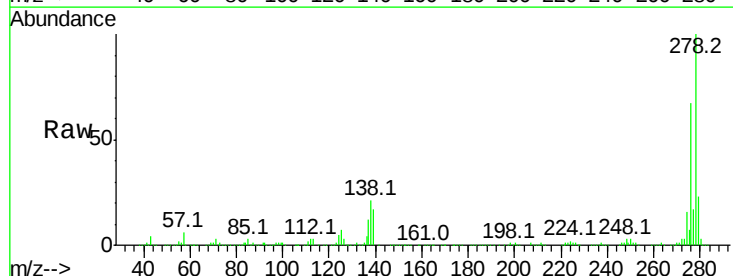
Manual Integrations
APPROVED

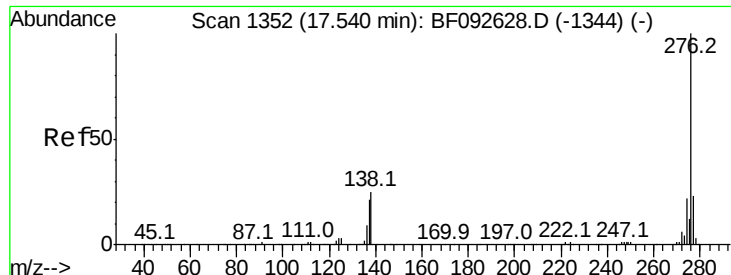
mohammad
2/28/2017 2:28:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.73 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.8	22.2
279	23.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.1	19.2	28.8	
138	27.9	16.0	24.0	

Manual Integrations
 APPROVED

mohammad
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