

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092879.D
 Acq On : 9 Feb 2017 10:49
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/10/2017 10:42:26 AM

Quant Time: Feb 09 12:39:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149086	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	588196	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	338795	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	572261	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	503280	20.00	ng	-0.08
86) Perylene-d12	15.51	264	398894	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	738470	84.98	ng	-0.08
7) Phenol-d6	6.53	99	872541	78.04	ng	-0.07
23) Nitrobenzene-d5	7.46	82	844237	79.93	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	187460	76.50	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1529619	81.79	ng	-0.07
78) Terphenyl-d14	13.01	244	1653506	77.20	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	190446	40.56	ng	# 85
3) Pyridine	3.21	79	472368	39.56	ng	88
4) n-Nitrosodimethylamine	3.16	42	229426	40.92	ng	86
6) Aniline	6.56	93	633855	41.56	ng	# 48
8) 2-Chlorophenol	6.68	128	407351	42.49	ng	95
9) Benzaldehyde	6.44	77	296979	37.07	ng	97
10) Phenol	6.54	94	501093	38.31	ng	88
11) bis(2-Chloroethyl)ether	6.64	93	426570	40.85	ng	96
12) 1,3-Dichlorobenzene	6.83	146	443428m	39.49	ng	
13) 1,4-Dichlorobenzene	6.91	146	469105	41.28	ng	98
14) 1,2-Dichlorobenzene	7.07	146	443048	40.77	ng	94
15) Benzyl Alcohol	7.04	79	309019	37.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	738166	40.69	ng	93
17) 2-Methylphenol	7.16	107	354152	43.06	ng	96
18) Hexachloroethane	7.40	117	153389	39.54	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	270478	38.00	ng	96
20) 3+4-Methylphenols	7.31	107	378844	38.53	ng	# 80
22) Acetophenone	7.31	105	538340	40.09	ng	# 92
24) Nitrobenzene	7.48	77	455074	41.96	ng	97
25) Isophorone	7.72	82	829705	42.15	ng	98
26) 2-Nitrophenol	7.80	139	236728	45.92	ng	# 82
27) 2,4-Dimethylphenol	7.84	122	340721	37.63	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	517108	39.67	ng	99
29) 2,4-Dichlorophenol	8.04	162	350081	41.46	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	360399	39.60	ng	96
31) Naphthalene	8.20	128	1100249	36.90	ng	99
32) Benzoic acid	7.96	122	123565	27.66	ng	99
33) 4-Chloroaniline	8.26	127	499698	42.73	ng	94
34) Hexachlorobutadiene	8.32	225	196302	39.21	ng	98
35) Caprolactam	8.64	113	122935	46.28	ng	# 68
36) 4-Chloro-3-methylphenol	8.74	107	343650	39.03	ng	97
37) 2-Methylnaphthalene	8.90	142	842393	44.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	342638	36.03	ng	100
40) Hexachlorocyclopentadiene	9.05	237	141935	33.08	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	231008	36.97	nq	90
43) 2,4,5-Trichlorophenol	9.22	196	272768	39.84	nq #	88
45) 1,1'-Biphenyl	9.36	154	899398	36.66	nq	97
46) 2-Chloronaphthalene	9.39	162	758127	39.50	nq	95
47) 2-Nitroaniline	9.48	65	239609	37.13	nq	98
48) Acenaphthylene	9.80	152	1284016	38.73	nq	99
49) Dimethylphthalate	9.66	163	885103	38.79	nq	99
50) 2,6-Dinitrotoluene	9.72	165	197679	40.11	nq #	73
51) Acenaphthene	9.97	154	788846	39.80	nq	97
52) 3-Nitroaniline	9.89	138	208792	37.02	nq	98
53) 2,4-Dinitrophenol	10.01	184	67369	30.02	nq	94
54) Dibenzofuran	10.14	168	1037672	39.14	nq	94
55) 4-Nitrophenol	10.06	139	168899	41.58	nq #	77
56) 2,4-Dinitrotoluene	10.13	165	291315	44.40	nq #	76
57) Fluorene	10.49	166	852753	41.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179057	39.20	nq	98
59) Diethylphthalate	10.36	149	908491	42.24	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	356792	36.41	nq	91
61) 4-Nitroaniline	10.51	138	234304	40.56	nq	91
62) Azobenzene	10.64	77	872994	39.29	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	124688	36.47	nq	84
65) n-Nitrosodiphenylamine	10.60	169	755827	41.35	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	231646	38.74	nq	94
67) Hexachlorobenzene	11.04	284	242259	41.00	nq	97
68) Atrazine	11.13	200	249513	42.53	nq	97
69) Pentachlorophenol	11.23	266	108516	39.58	nq	98
70) Phenanthrene	11.45	178	1200610	36.62	nq	99
71) Anthracene	11.50	178	1348146	40.95	nq	98
72) Carbazole	11.65	167	1144329	36.36	nq	99
73) Di-n-butylphthalate	11.98	149	1490574	43.79	nq #	97
74) Fluoranthene	12.64	202	1325495	39.19	nq	96
76) Benzidine	12.76	184	622214	29.01	nq	99
77) Pyrene	12.86	202	1322771	35.12	nq	99
79) Butylbenzylphthalate	13.48	149	635002	41.52	nq	85
80) Benzo(a)anthracene	14.05	228	1071545	34.81	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	416749	37.98	nq #	96
82) Chrysene	14.09	228	914995	31.75	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	857474	40.99	nq #	95
84) Di-n-octyl phthalate	14.65	149	1433497	42.09	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	931898	41.75	nq	95
87) Benzo(b)fluoranthene	15.09	252	1059328	40.35	nq	97
88) Benzo(k)fluoranthene	15.12	252	872651m	38.49	nq	
89) Benzo(a)pyrene	15.45	252	895208	39.42	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	797105	43.43	nq	96
91) Benzo(g,h,i)perylene	17.38	276	799999	43.14	nq #	92

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

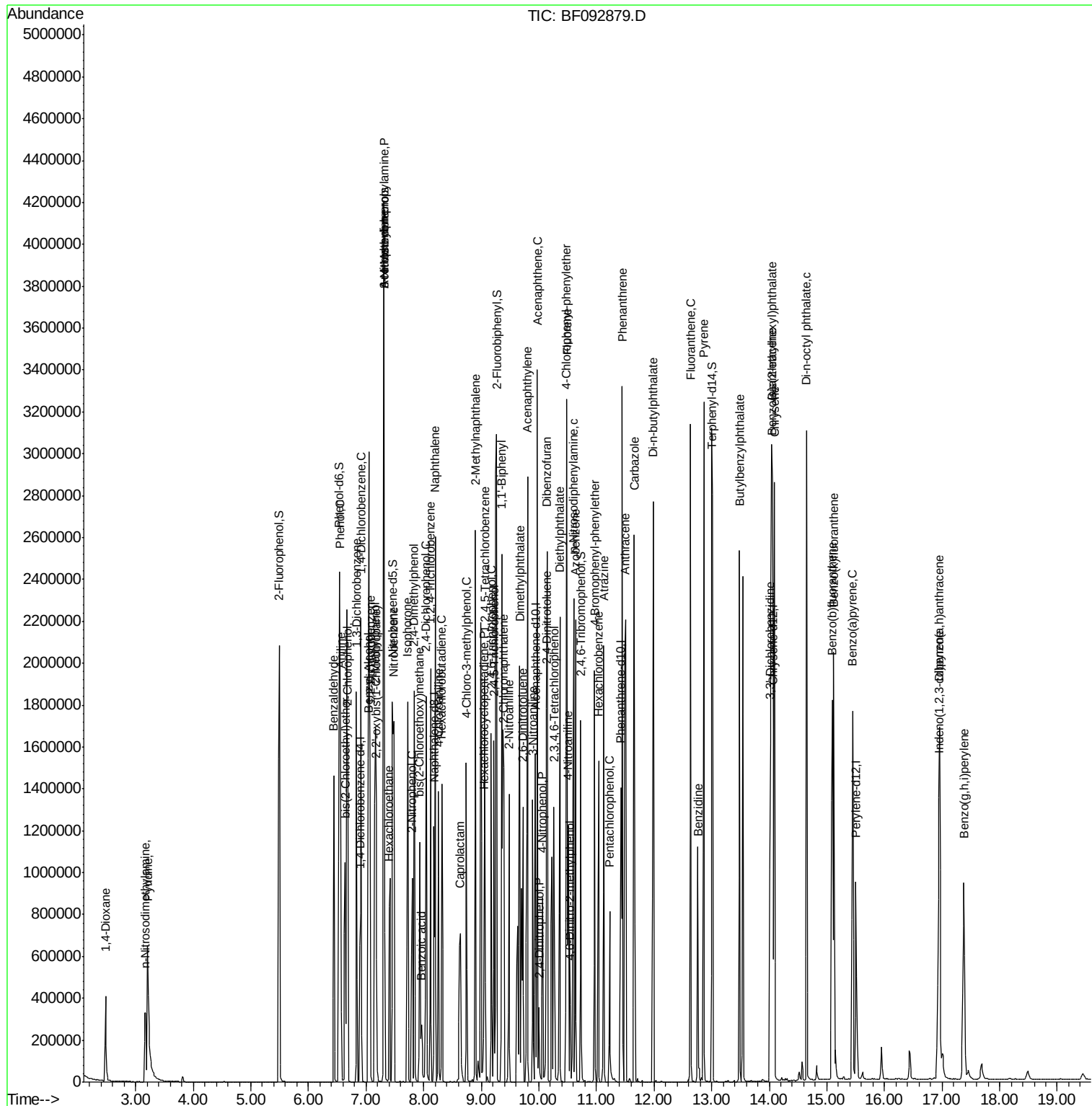
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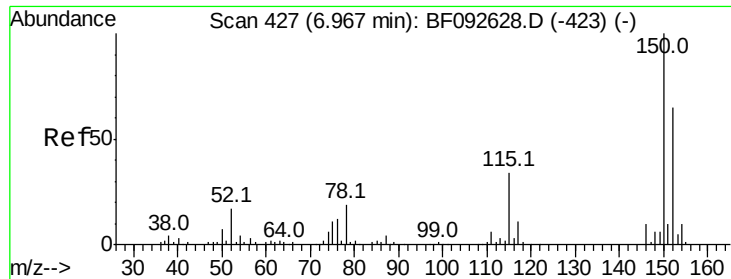
Instrument :
 BNA_F
 ClientSampleID :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

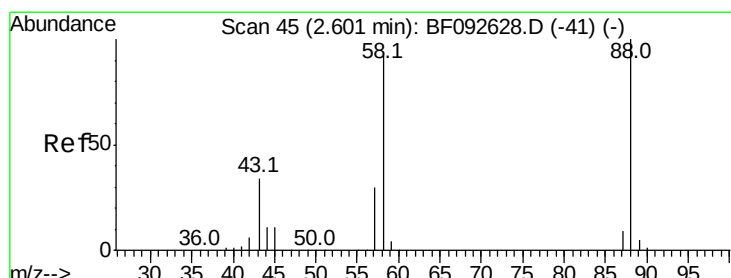
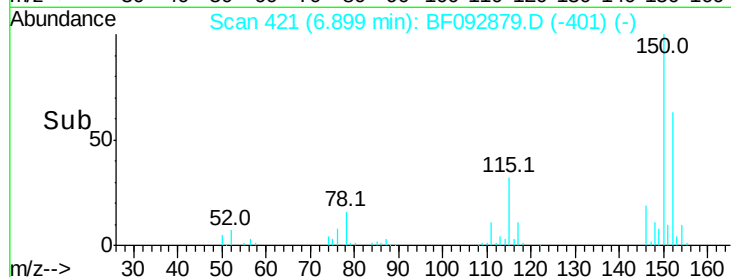
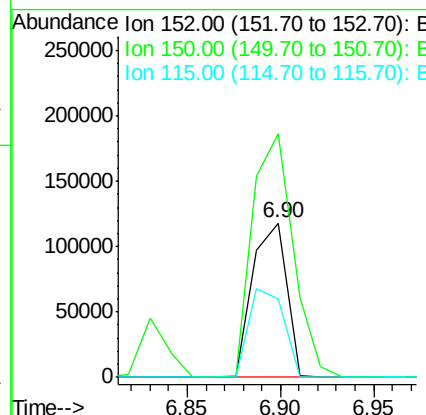
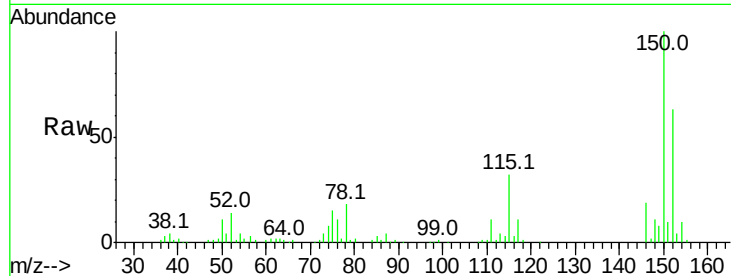
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	51.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.56 ng

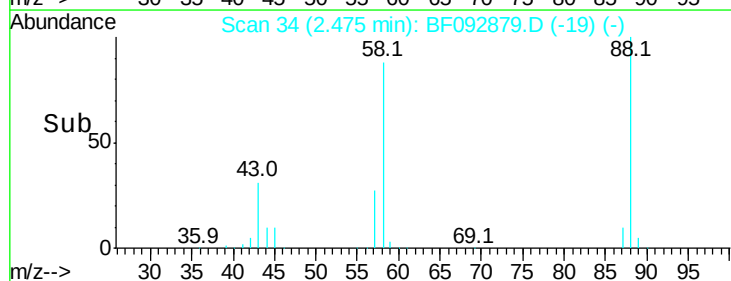
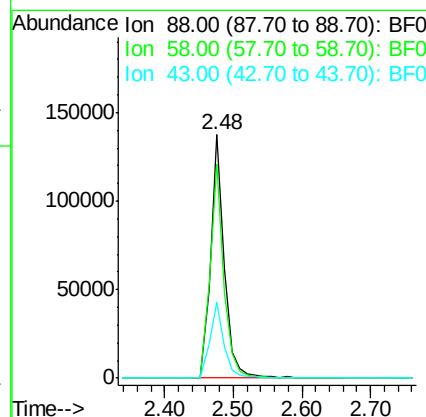
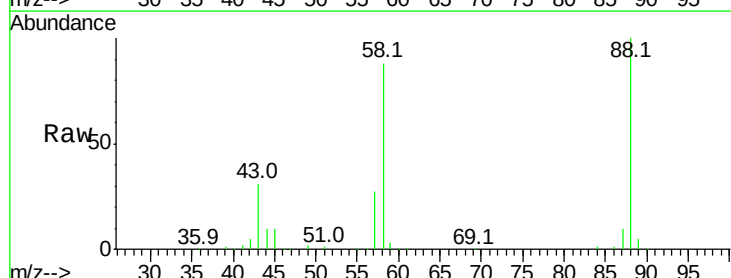
RT: 2.48 min Scan# 34

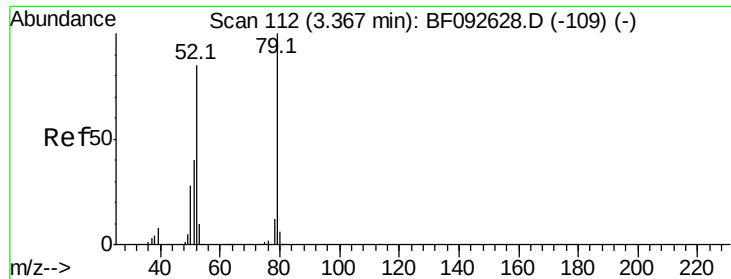
Delta R.T. -0.13 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	57.8	86.8#
43	31.4	22.3	33.5





#3

Pvridine

Concen: 39.56 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.16 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

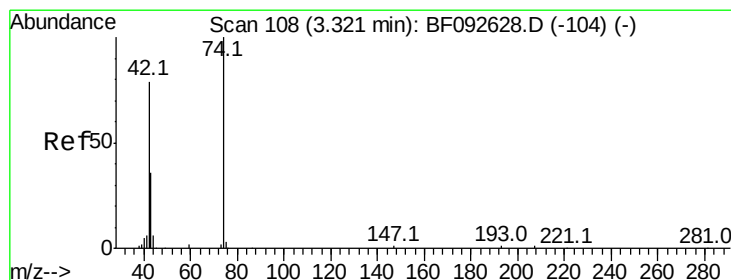
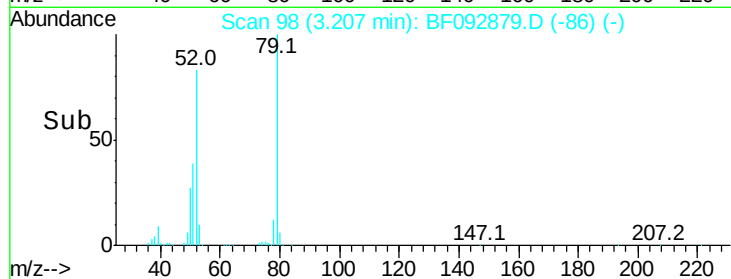
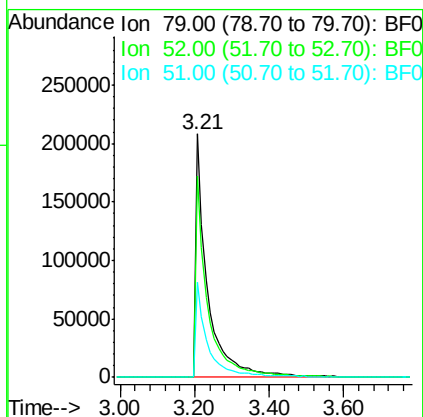
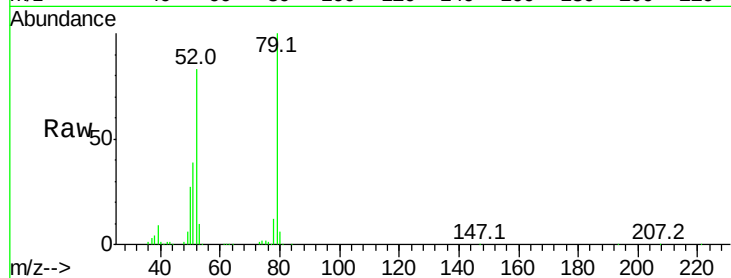
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	472368
Ion Ratio	Lower	Upper	
79	100		
52	82.6	57.1	85.7
51	39.2	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.92 ng

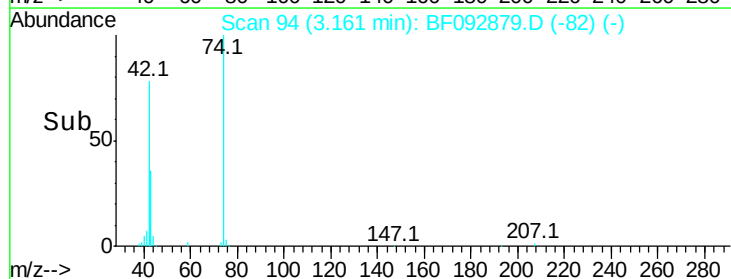
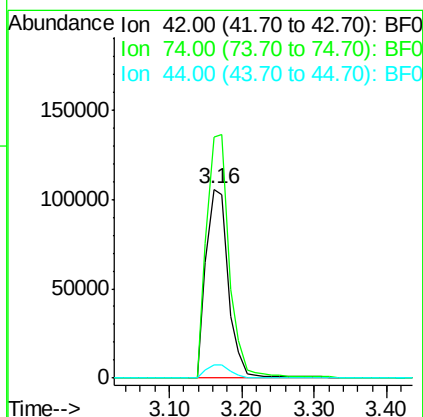
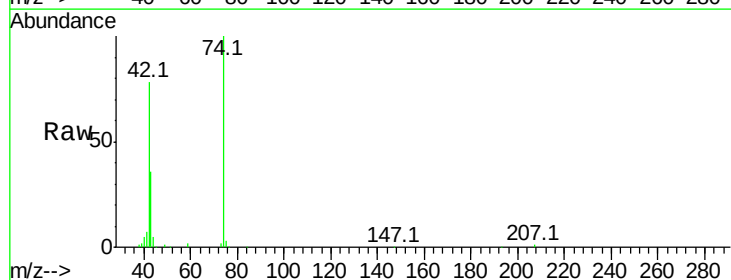
RT: 3.16 min Scan# 94

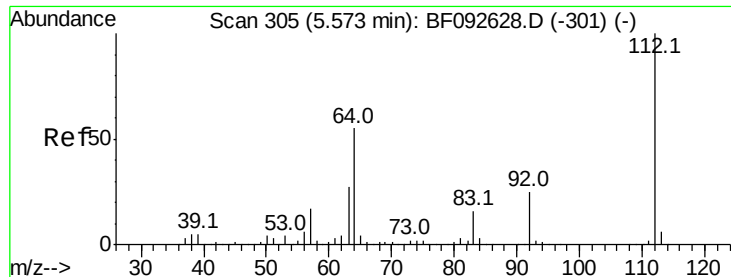
Delta R.T. -0.16 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	42	Resp:	229426
Ion Ratio	Lower	Upper	
42	100		
74	127.8	117.0	175.4
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 84.98 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

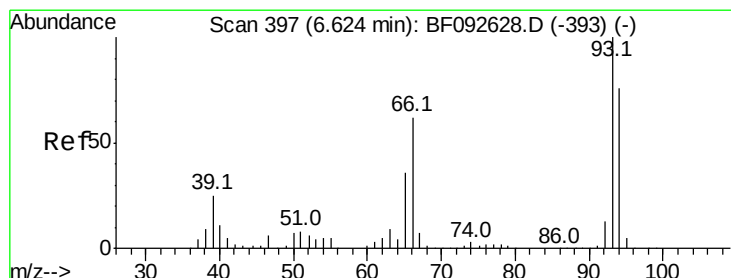
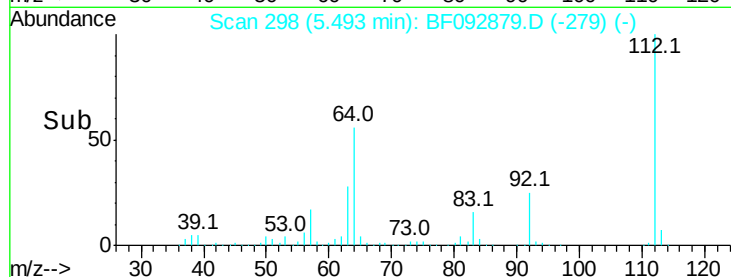
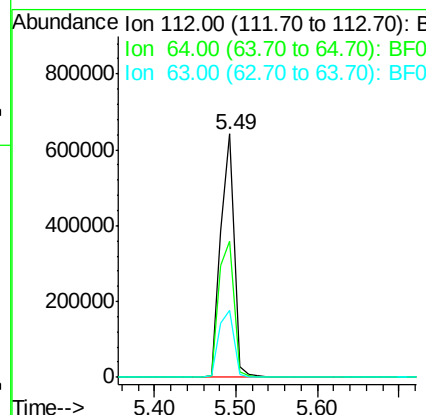
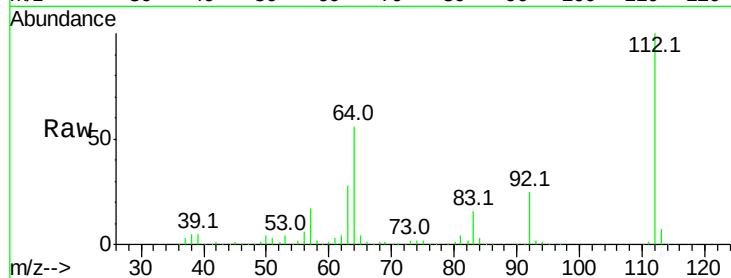
ClientSampleId :

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Tot Ion:	112	Resp:	738470
Ion Ratio	Lower	Upper	
112	100		
64	55.9	46.1	69.1
63	27.7	23.8	35.6

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#6

Aniline

Concen: 41.56 ng

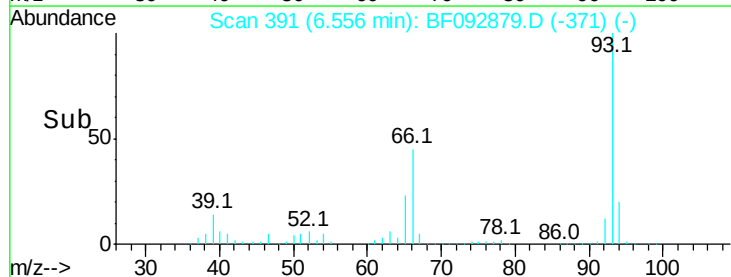
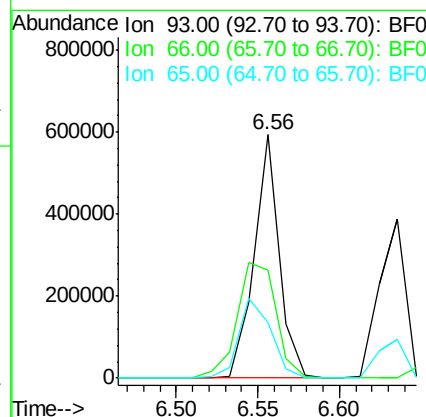
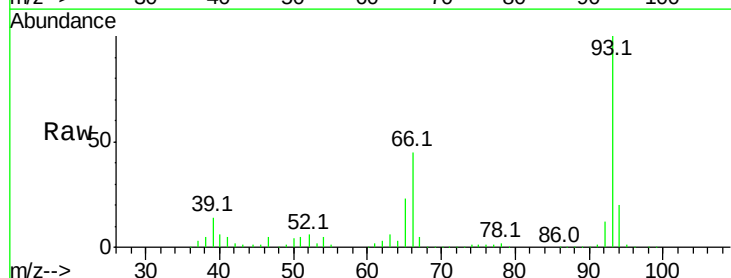
RT: 6.56 min Scan# 391

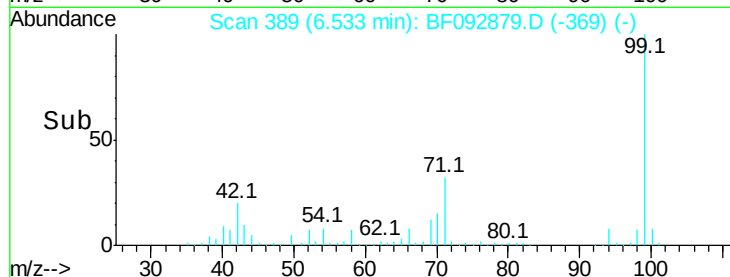
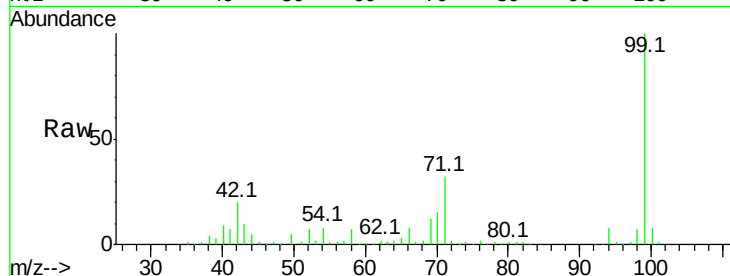
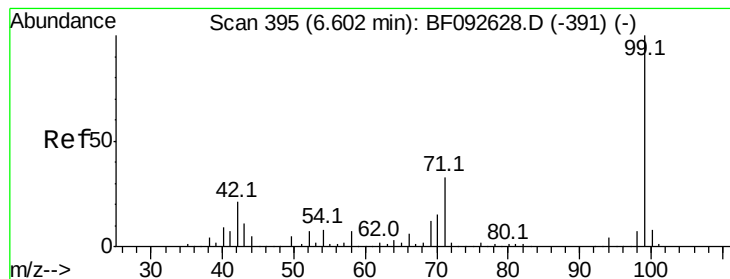
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	93	Resp:	633855
Ion Ratio	Lower	Upper	
93	100		
66	44.5	76.2	114.2#
65	22.7	49.3	73.9#





#7

Phenol-d6

Concen: 78.04 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tot Ion:	99	Resp:	872541
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.6	23.4
71	32.0	27.5	41.3

Instrument :

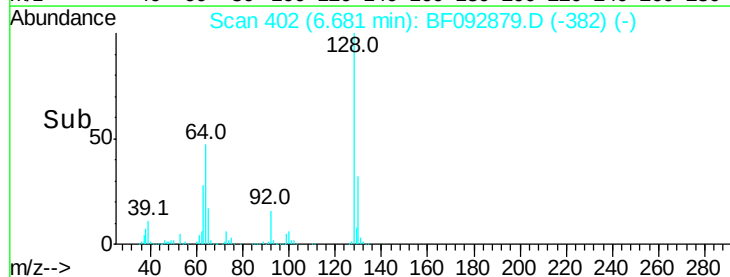
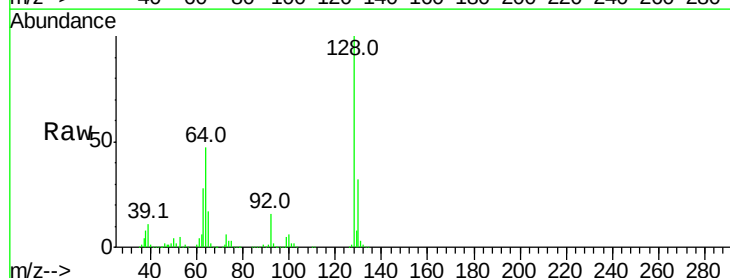
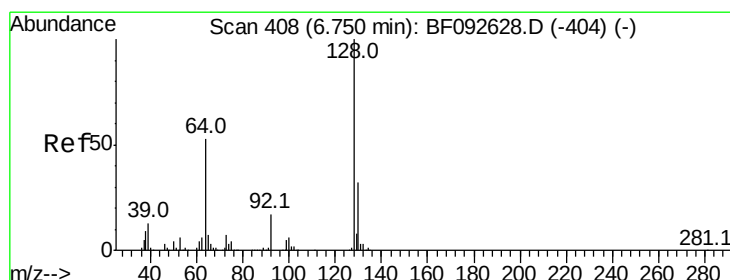
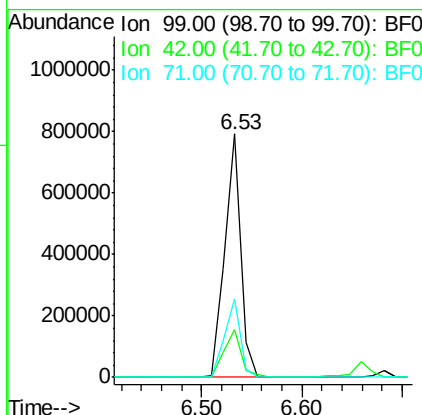
BNA_F

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#8

2-Chlorophenol

Concen: 42.49 ng

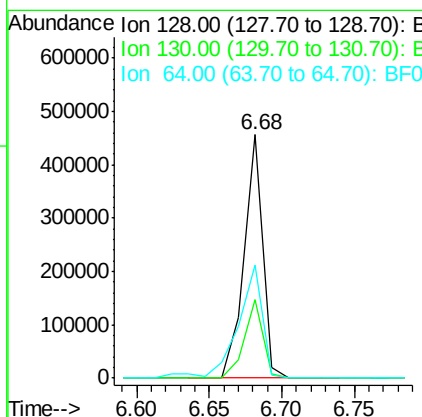
RT: 6.68 min Scan# 402

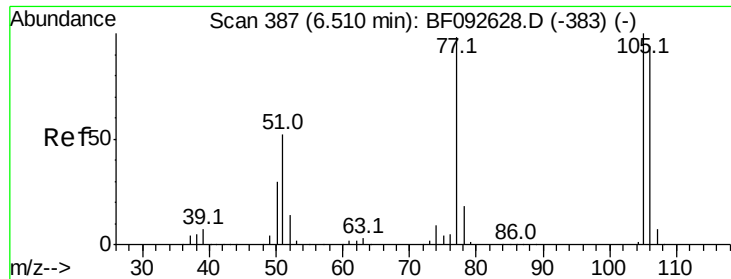
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	128	Resp:	407351
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.3	52.3
64	46.6	32.2	72.2





#9

Benzaldehyde

Concen: 37.07 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

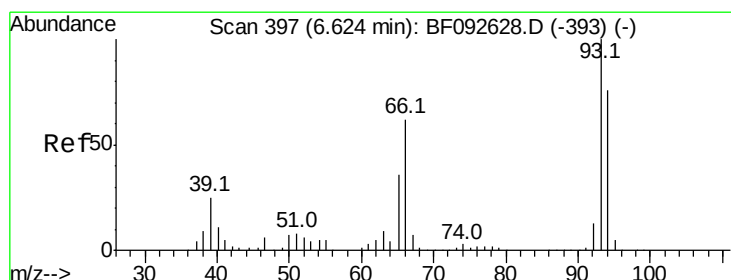
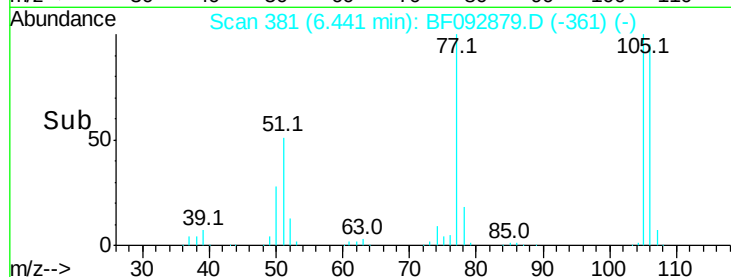
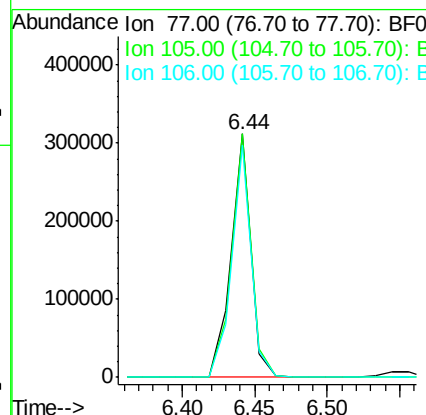
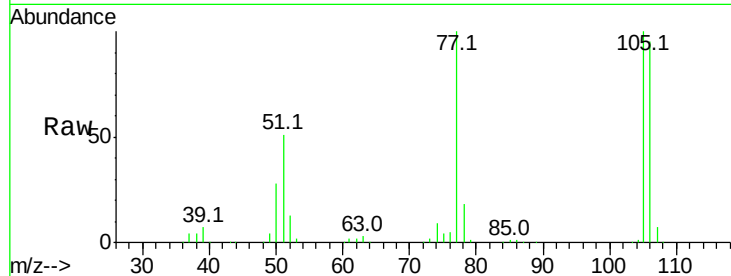
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Tot Ion:	77	Resp:	296979
Ion Ratio	Lower	Upper	
77	100		
105	100.0	83.9	123.9
106	95.3	77.6	117.6

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#10

Phenol

Concen: 38.31 ng

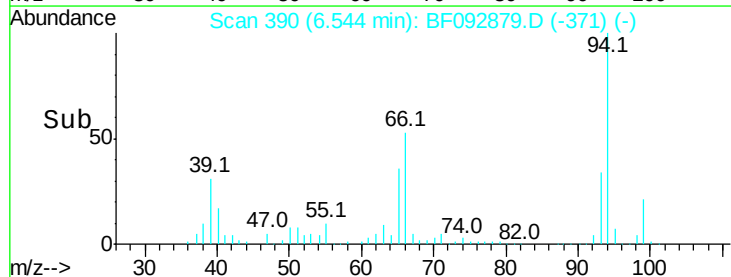
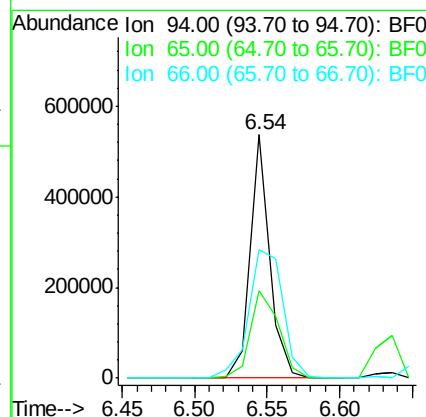
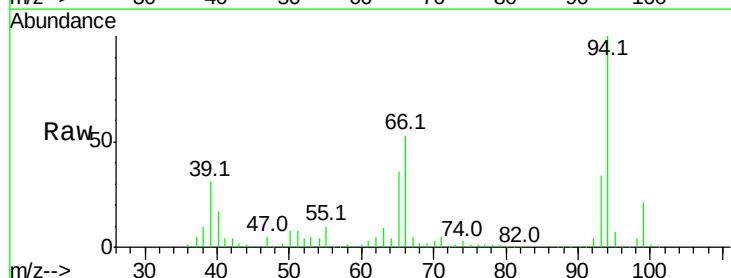
RT: 6.54 min Scan# 390

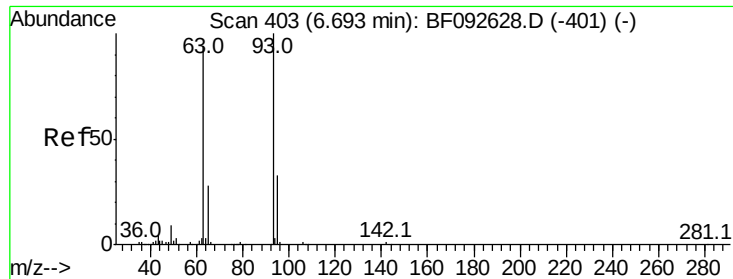
Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	94	Resp:	501093
Ion Ratio	Lower	Upper	
94	100		
65	36.0	21.4	61.4
66	52.7	44.0	84.0





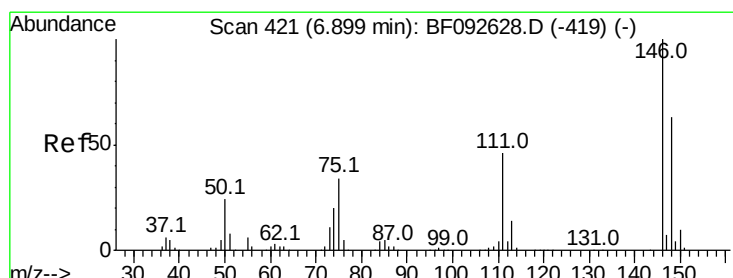
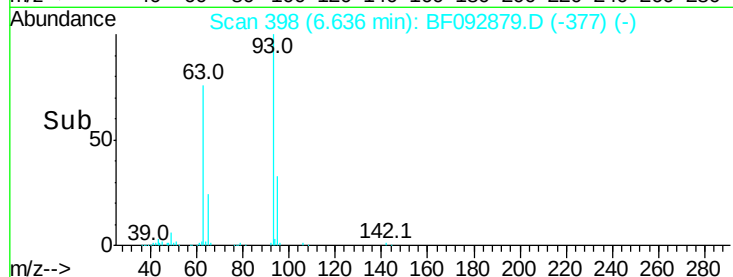
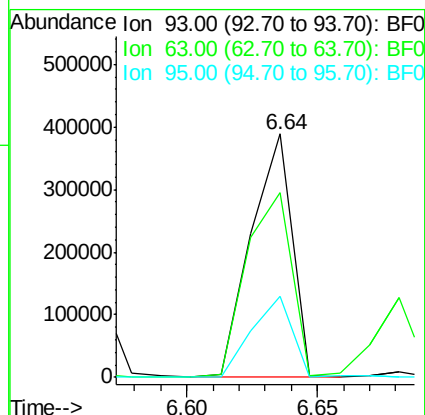
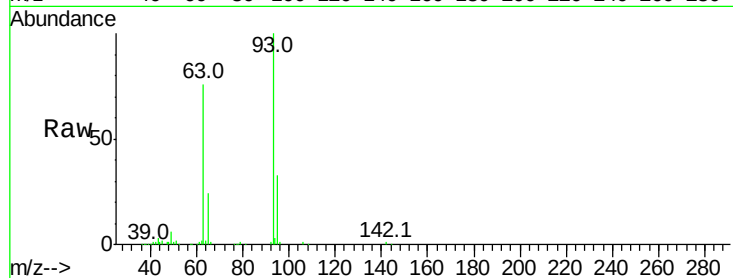
#11
bis(2-Chloroethyl)ether
Concen: 40.85 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	76.1	60.4	100.4	
95	33.2	12.8	52.8	

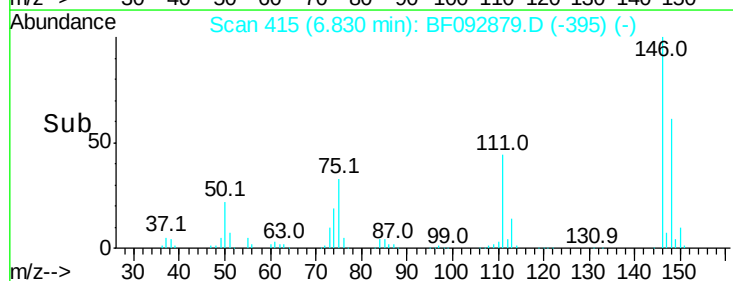
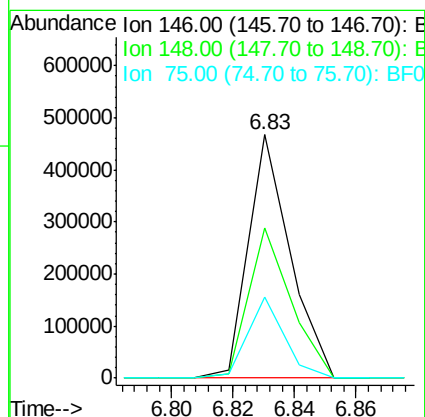
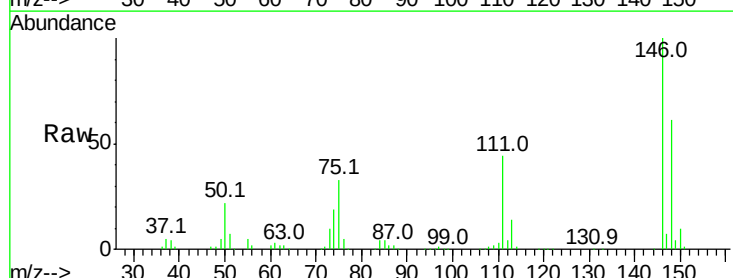
Manual Integrations
APPROVED

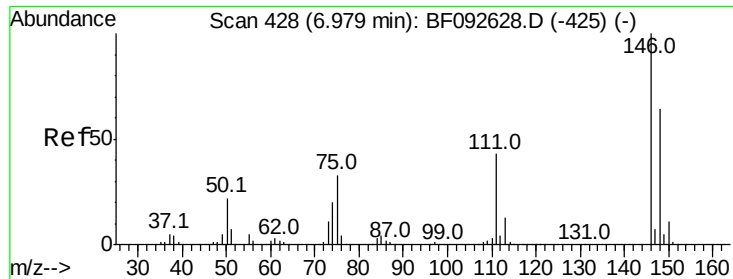
mohammad
2/10/2017 10:42:26 AM



#12
1,3-Dichlorobenzene
Concen: 39.49 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	61.4	53.4	80.0	
75	33.2	18.5	27.7	





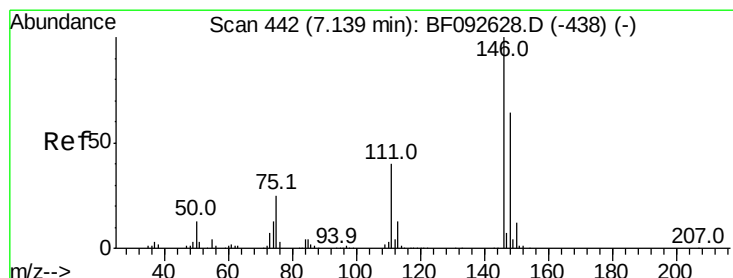
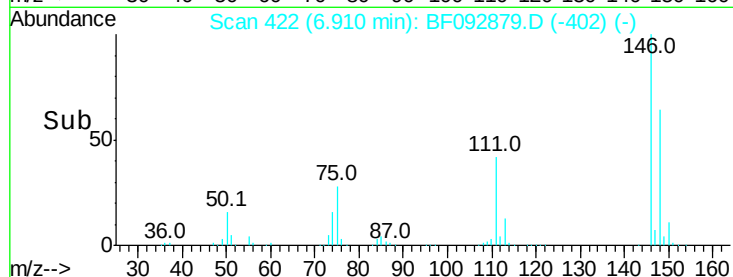
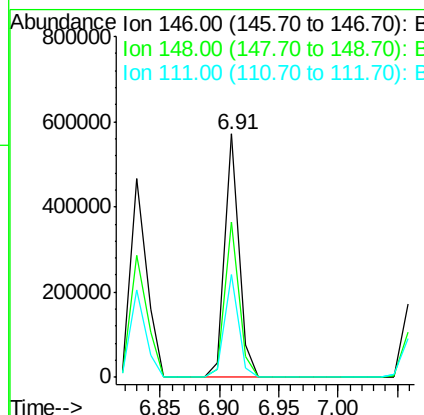
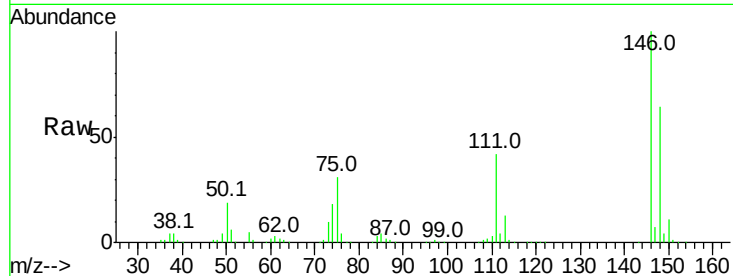
#13
 1,4-Dichlorobenzene
 Concen: 41.28 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	42.0	36.2	54.4

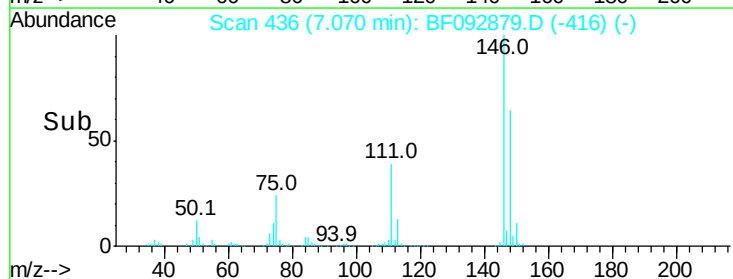
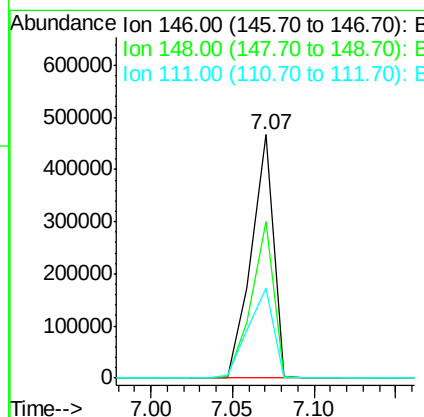
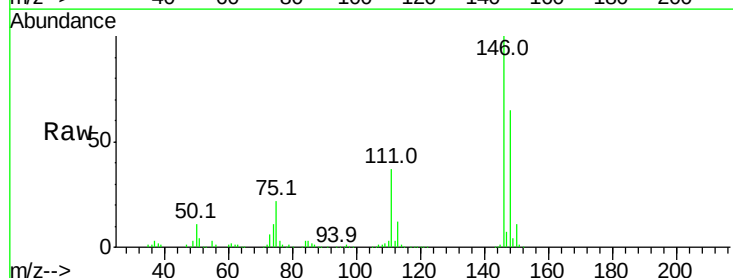
Manual Integrations
 APPROVED

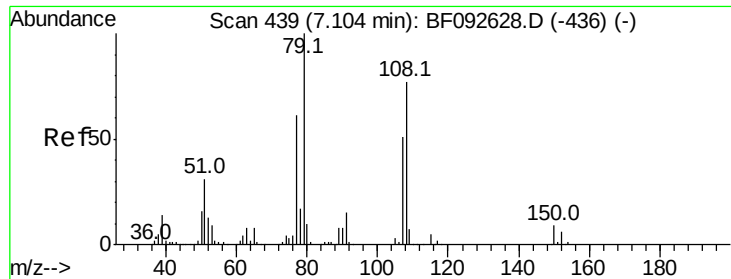
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.77 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	36.7	36.2	54.2





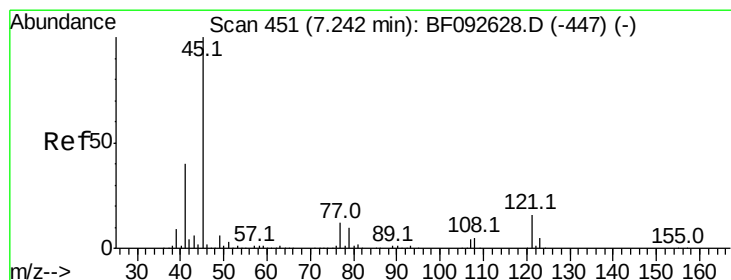
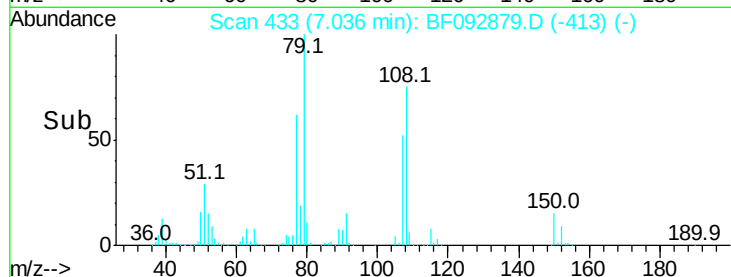
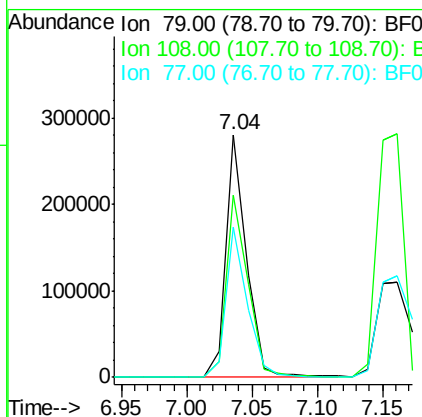
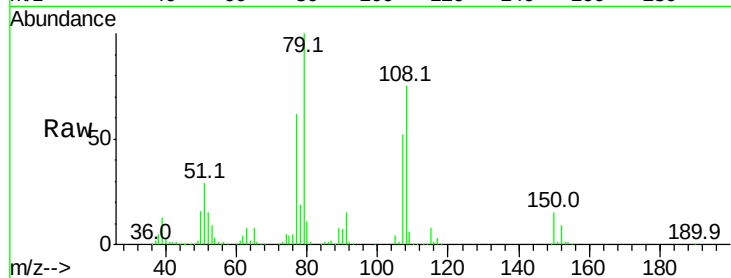
#15
Benzyl Alcohol
Concen: 37.33 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.2	61.4	92.0	
77	62.1	50.9	76.3	

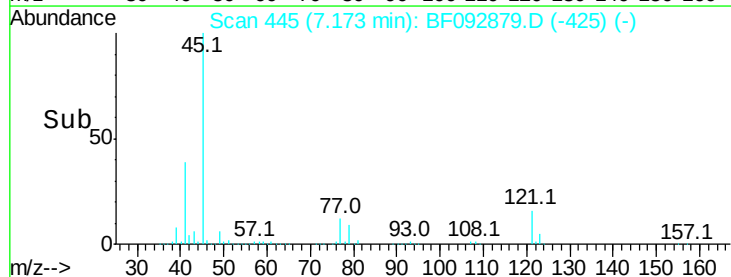
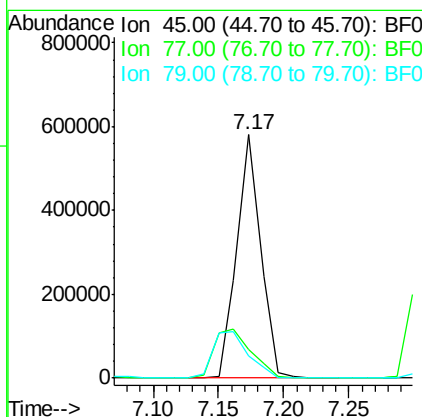
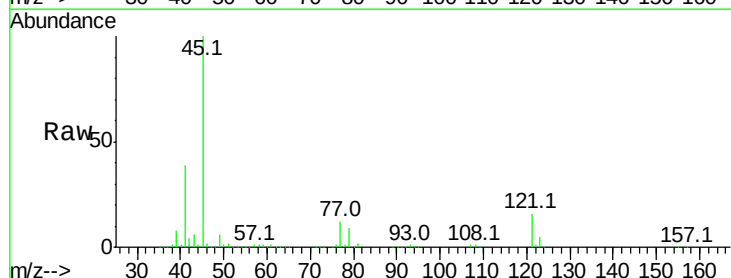
Manual Integrations
APPROVED

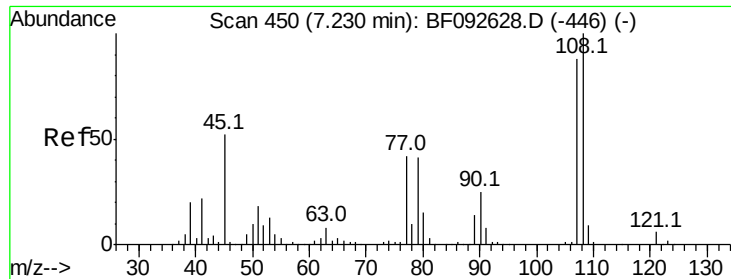
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.69 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	11.6	0.0	34.6	
79	9.0	0.0	31.2	





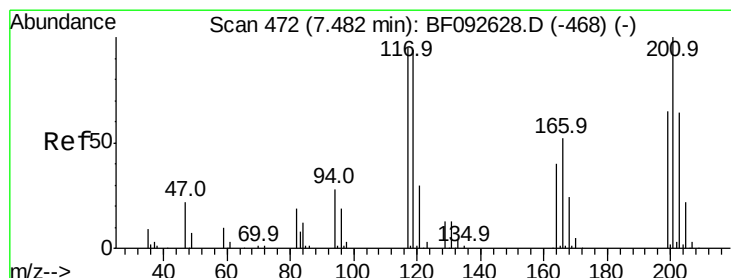
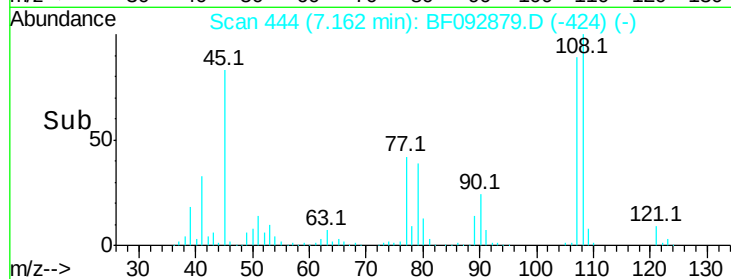
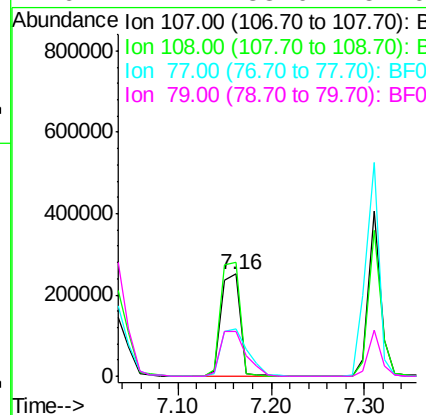
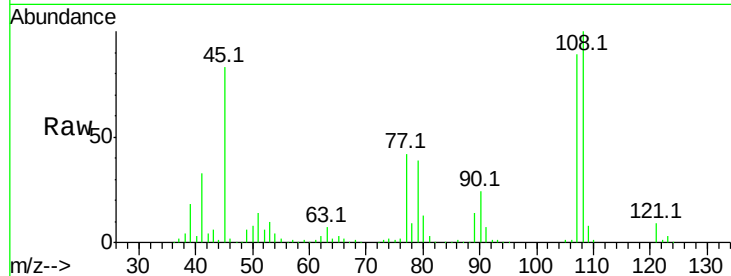
#17
2-Methylphenol
Concen: 43.06 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	93.0	139.6
77	46.7	39.8	59.8
79	44.1	38.0	57.0

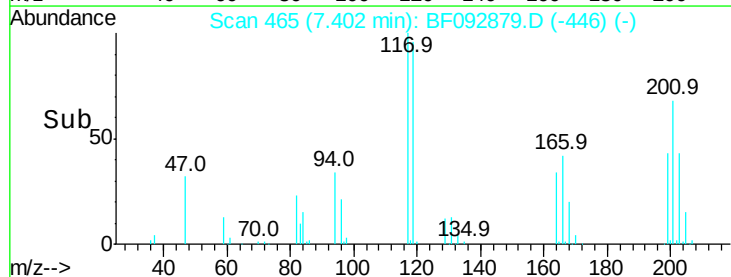
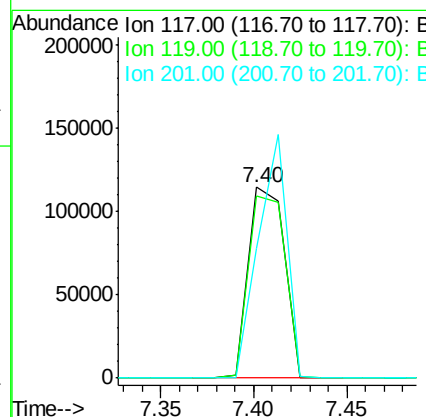
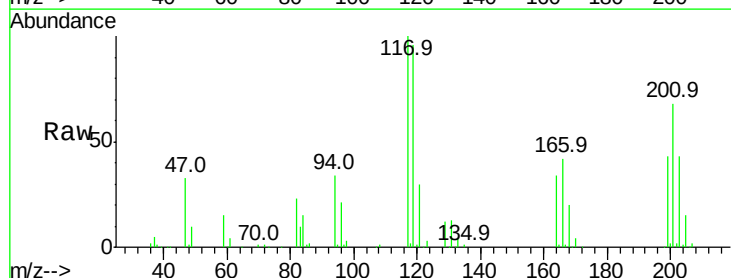
Manual Integrations
APPROVED

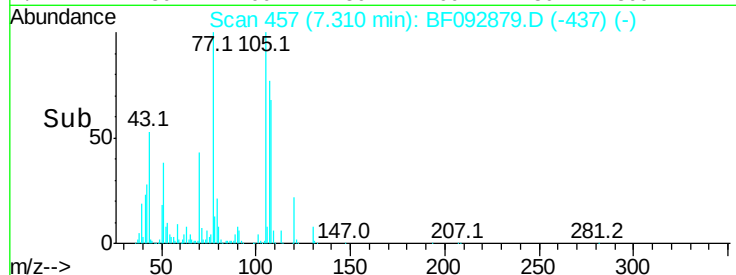
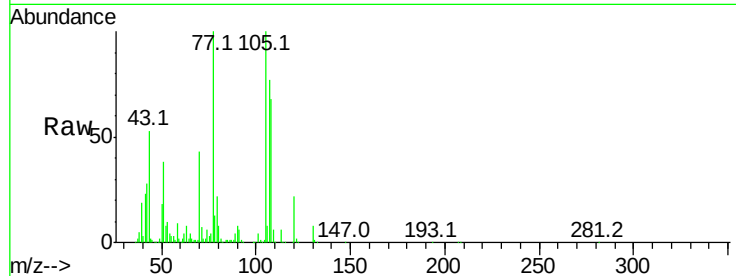
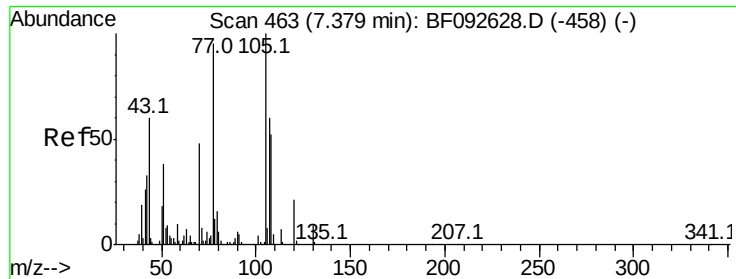
mohammad
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#18
Hexachloroethane
Concen: 39.54 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	68.1	78.6	117.8#





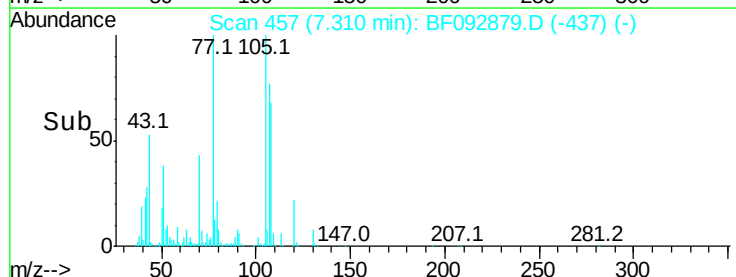
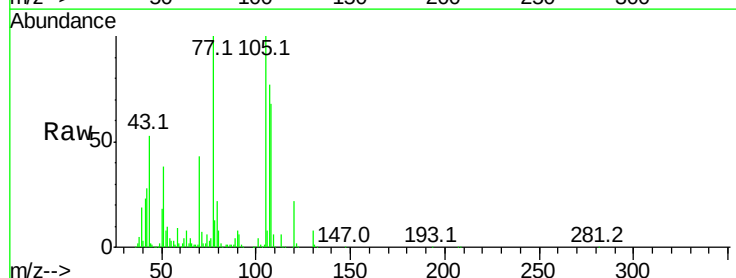
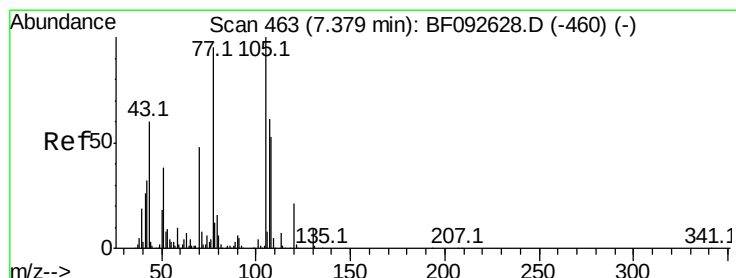
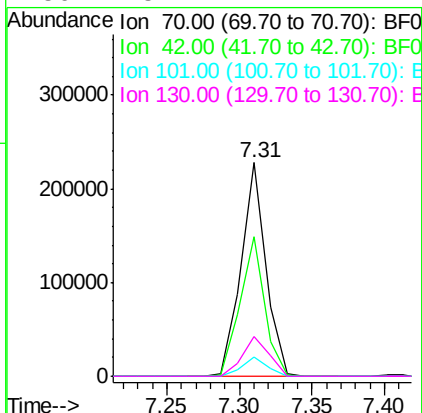
#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	270478
Ion Ratio	Lower	Upper	
70	100		
42	65.6	49.4	74.0
101	9.1	7.4	11.2
130	18.4	14.2	21.4

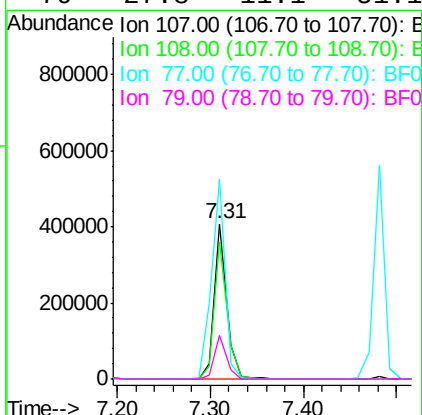
Manual Integrations
APPROVED

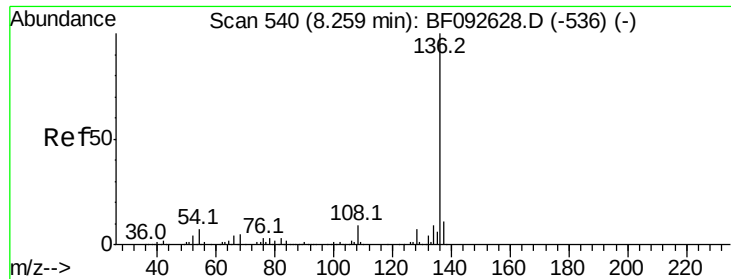
mohammad
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#20
3+4-Methylphenols
Concen: 38.53 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	107	Resp	378844
Ion Ratio	Lower	Upper	
107	100		
108	88.3	73.0	113.0
77	129.0	71.3	111.3#
79	27.8	11.1	51.1





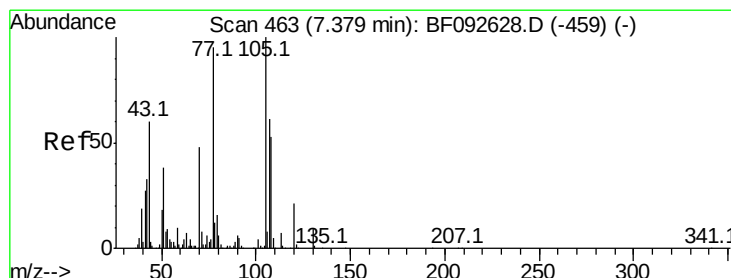
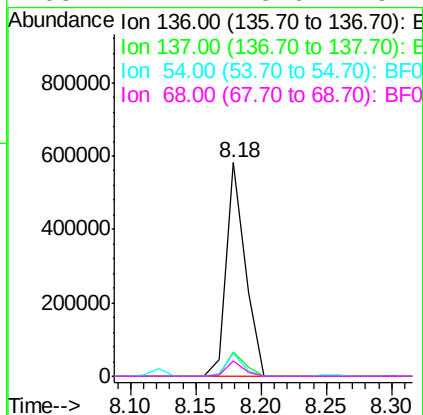
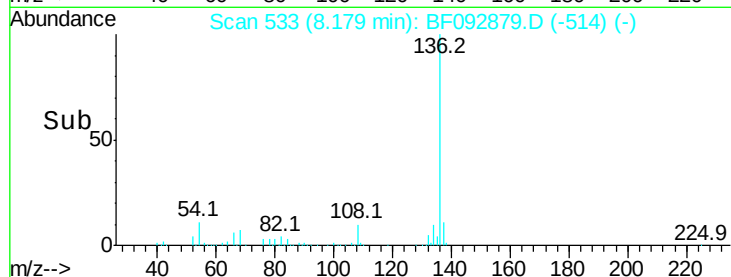
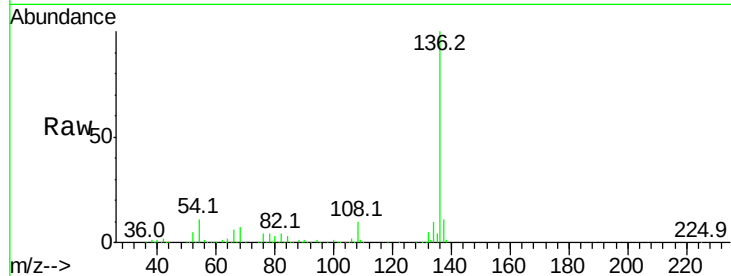
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	11.1	4.5	6.7#	
68	7.2	3.6	5.4#	

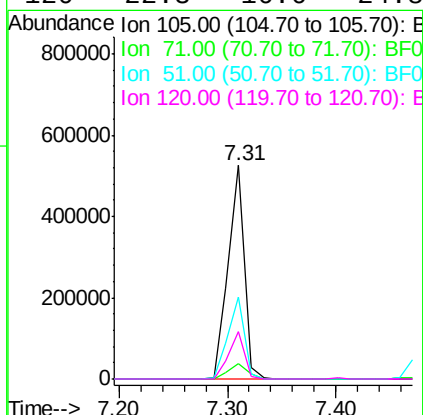
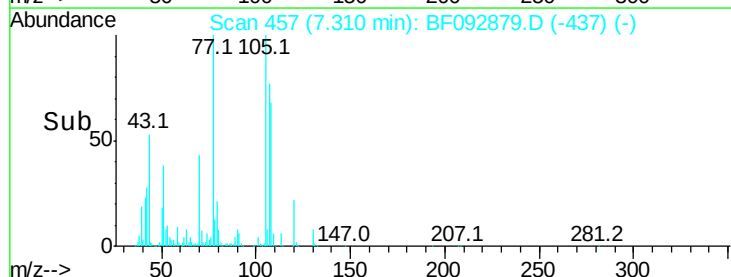
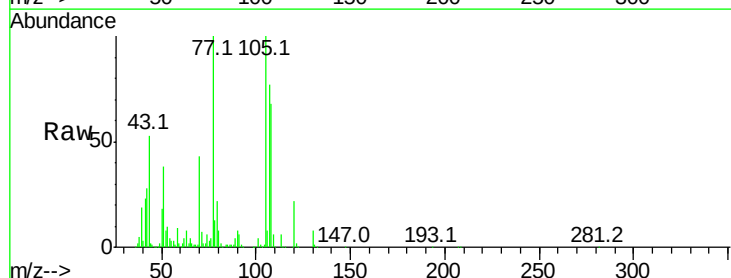
Manual Integrations
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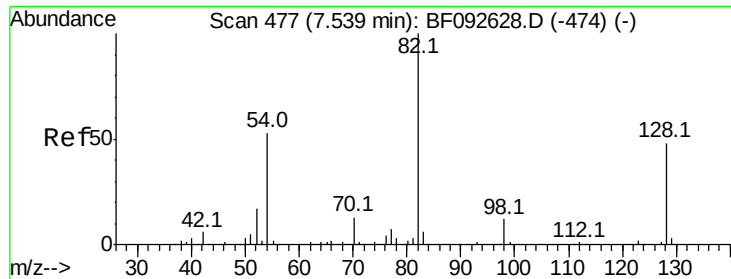
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#22
Acetophenone
Concen: 40.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	3.2	4.8#	
51	38.4	26.2	39.4	
120	22.3	16.6	24.8	





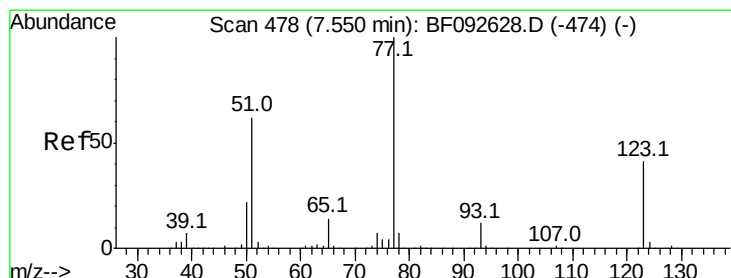
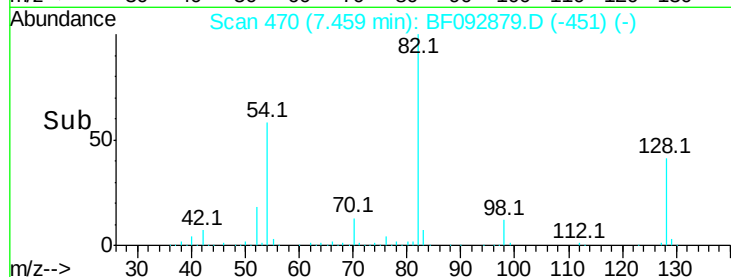
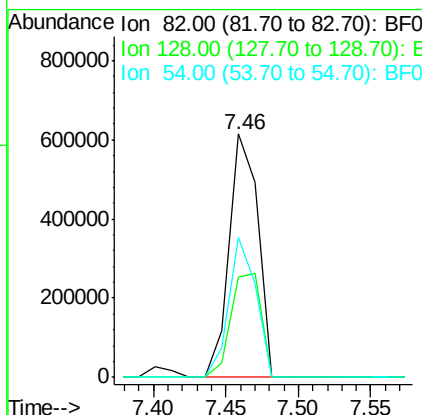
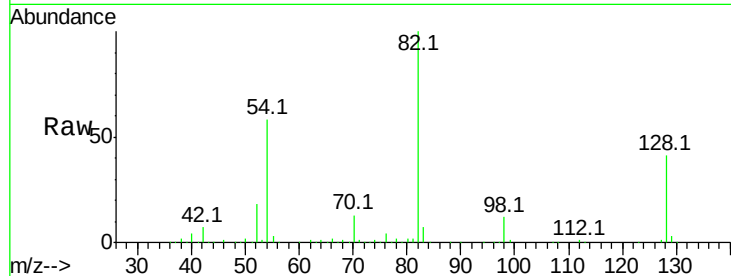
#23
 Nitrobenzene-d5
 Concen: 79.93 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	57.7	39.5	59.3

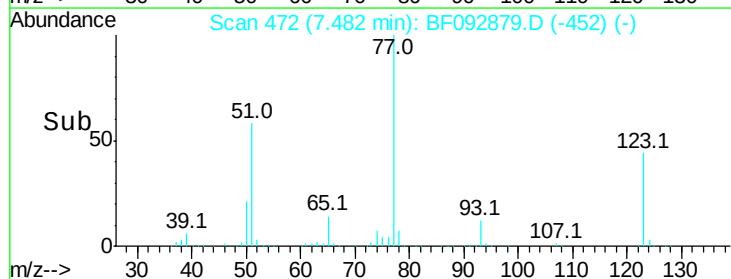
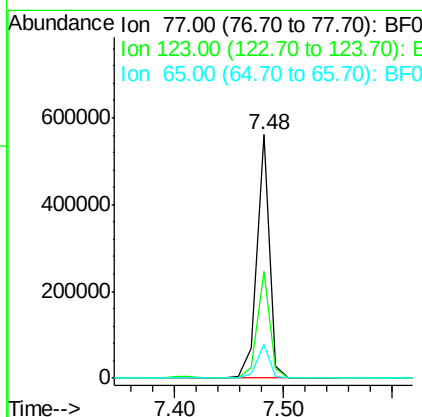
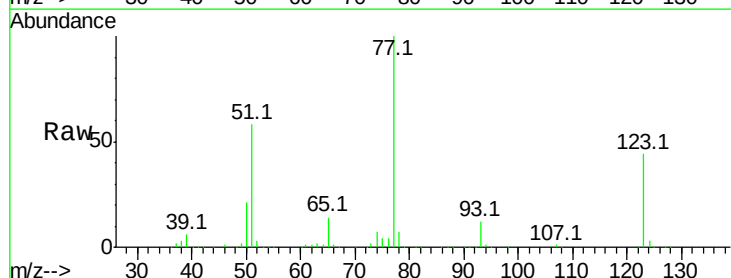
Manual Integrations
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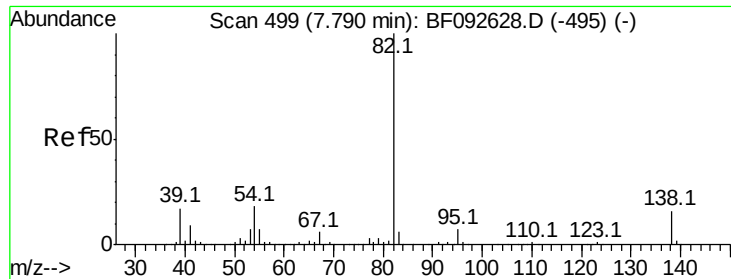
mohammad
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#24
 Nitrobenzene
 Concen: 41.96 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 42.15 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

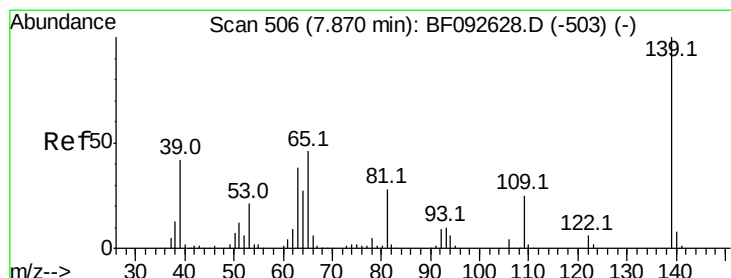
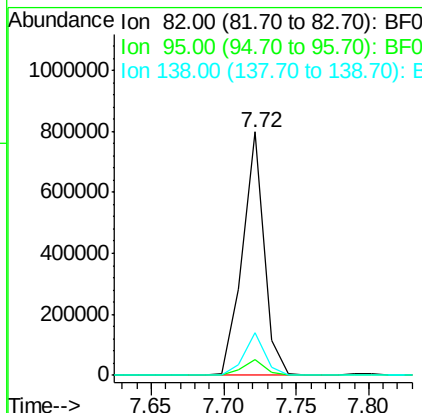
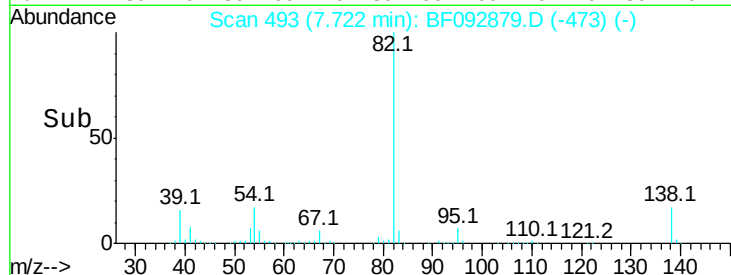
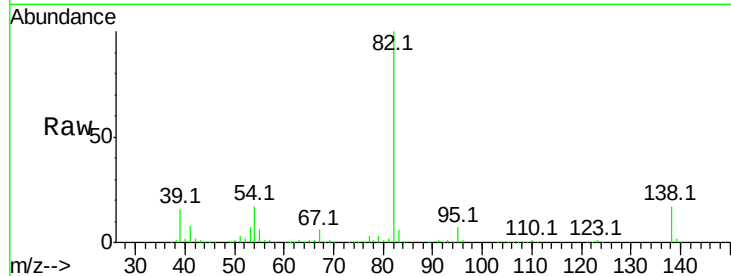
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	829705
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.3	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.92 ng

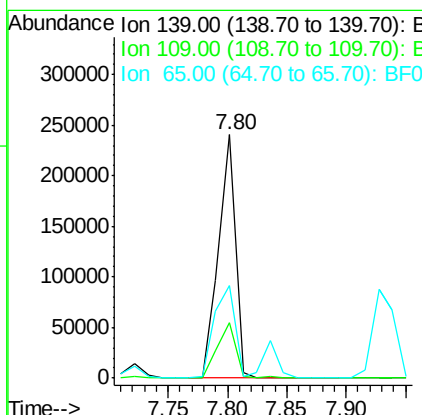
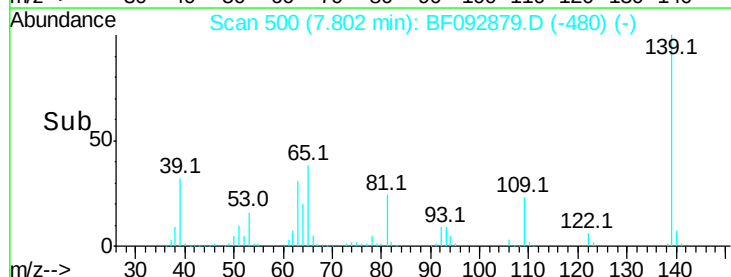
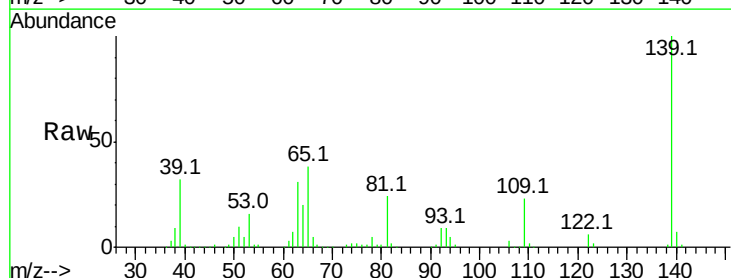
RT: 7.80 min Scan# 500

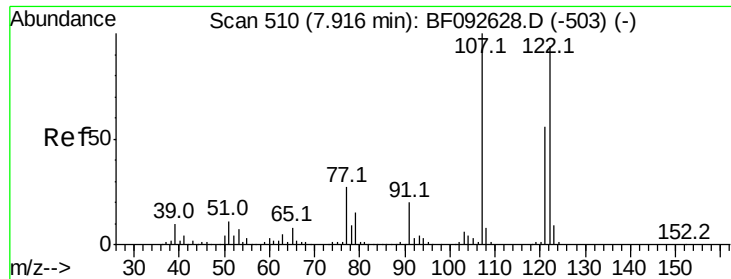
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	139	Resp:	236728
Ion Ratio	Lower	Upper	
139	100		
109	22.8	23.3	34.9#
65	37.8	42.7	64.1#





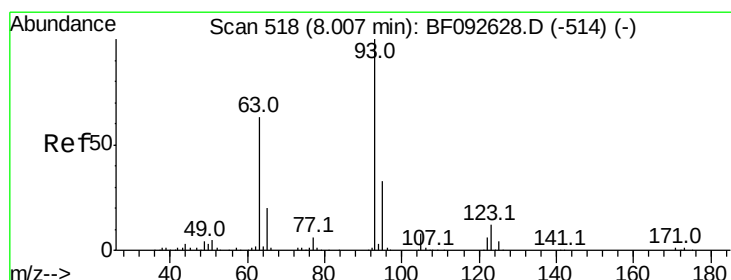
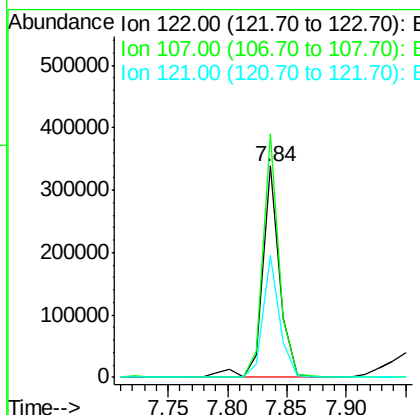
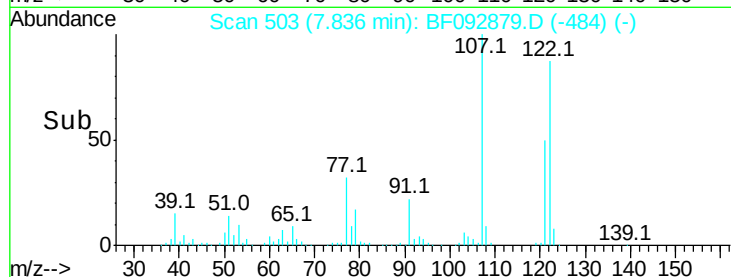
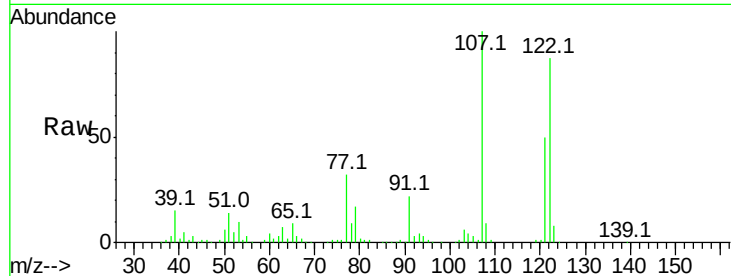
#27
2,4-Dimethylphenol
Concen: 37.63 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	340721		
107	115.3	94.1	141.1	
121	58.1	46.0	69.0	

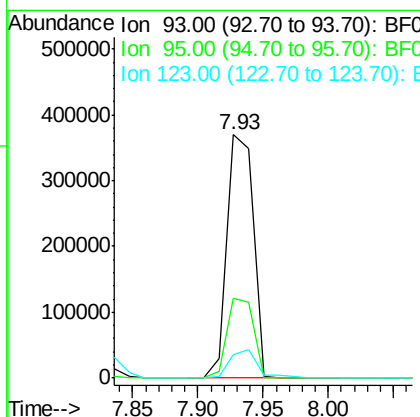
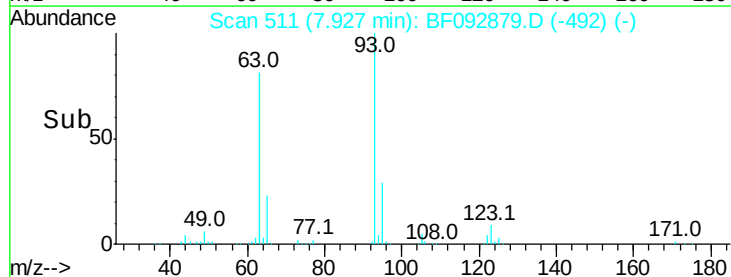
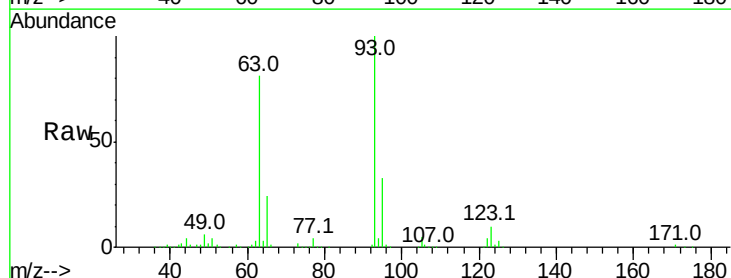
Manual Integrations
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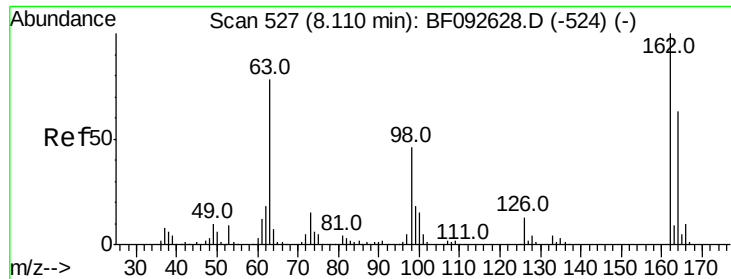
mohammad
2/10/2017 10:42:26 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.67 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	517108		
95	32.9	26.5	39.7	
123	9.8	8.6	13.0	





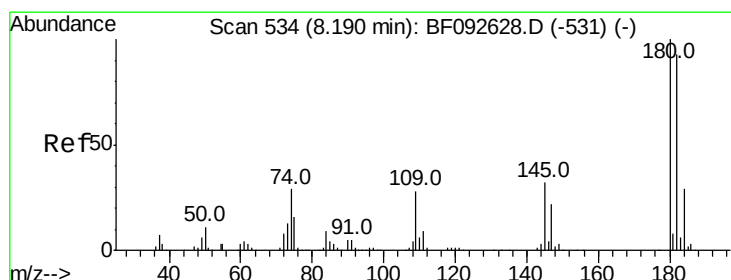
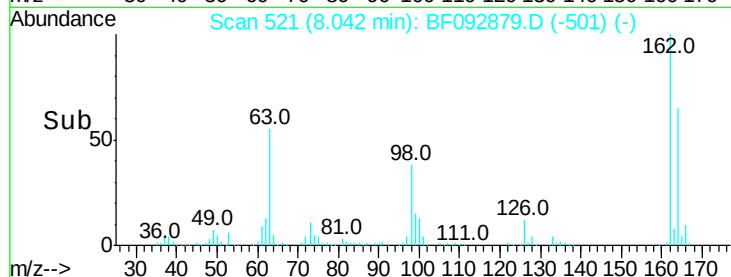
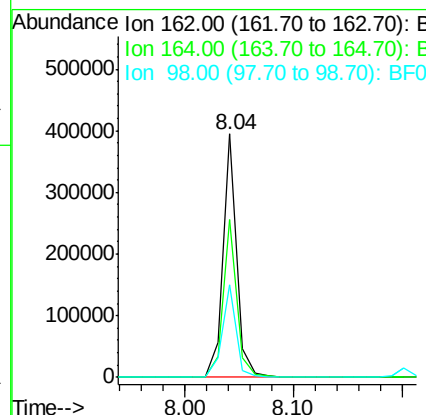
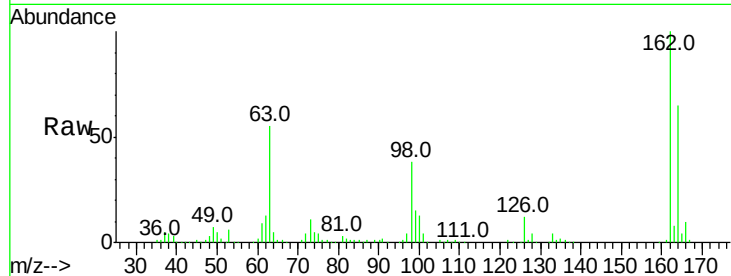
#29
 2,4-Dichlorophenol
 Concen: 41.46 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	350081		
164	65.1	46.8	86.8	
98	38.2	9.1	49.1	

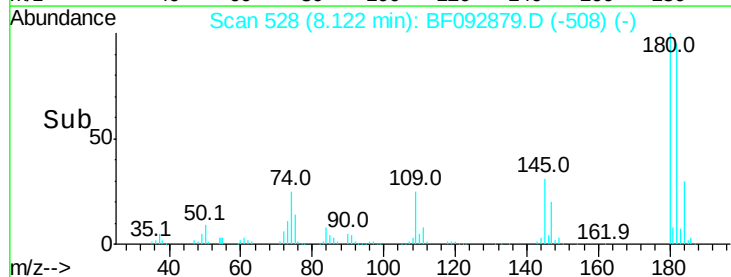
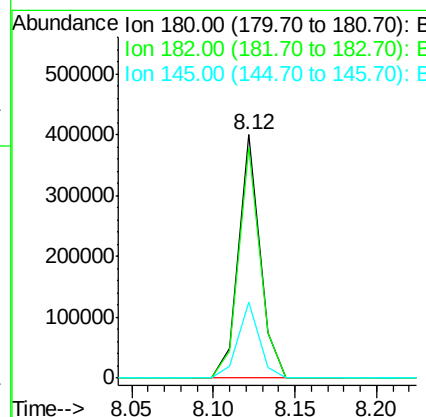
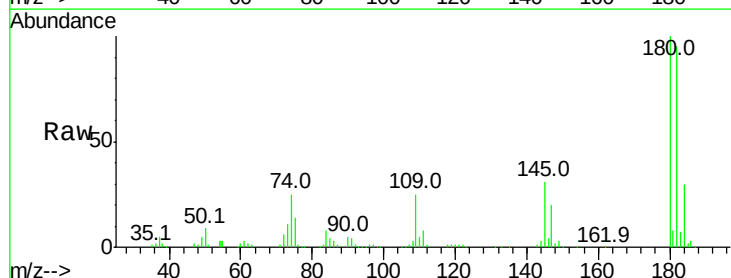
Manual Integrations
 APPROVED

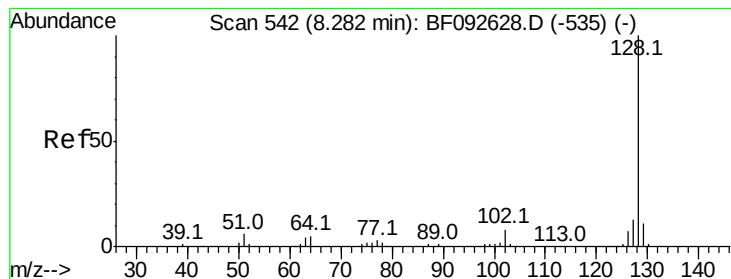
mohammad
 2/10/2017 10:42:26 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	360399		
182	94.6	78.2	117.4	
145	31.3	21.6	32.4	





#31

Naphthalene

Concen: 36.90 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1100249

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

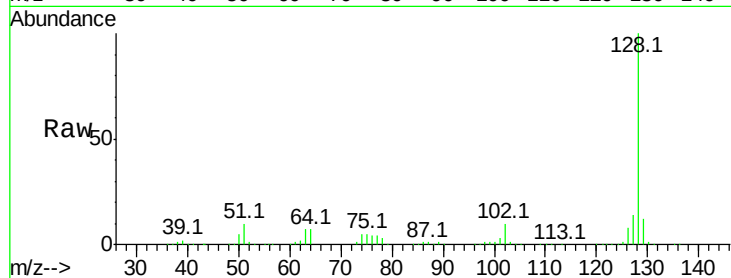
127 13.8 10.8 16.2

Manual Integrations

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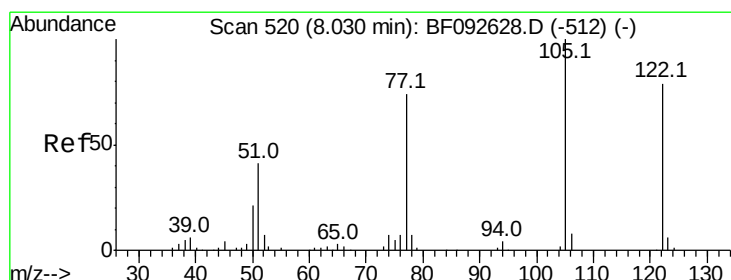
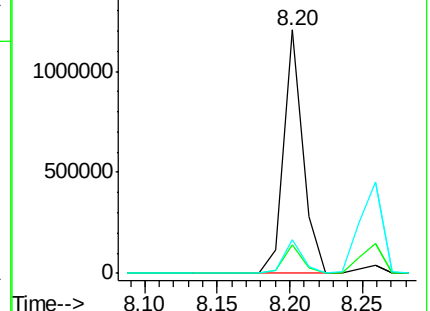
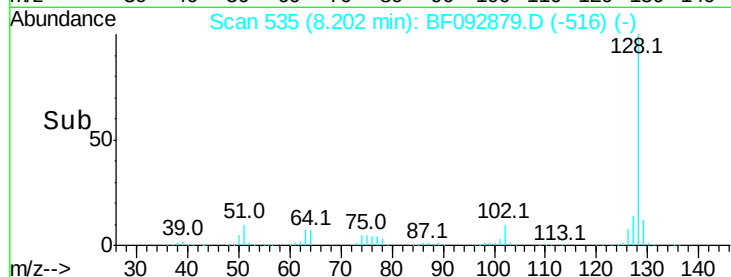
2/10/2017 10:42:26 AM



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: 27.66 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

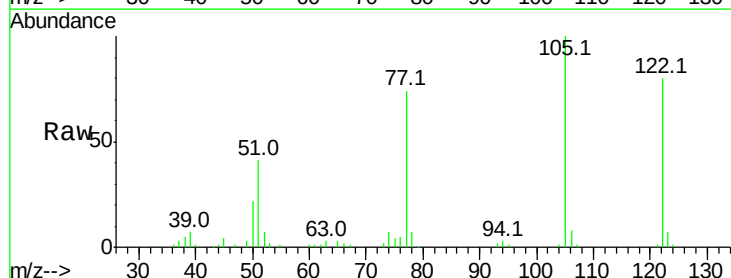
Tgt Ion:122 Resp: 123565

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

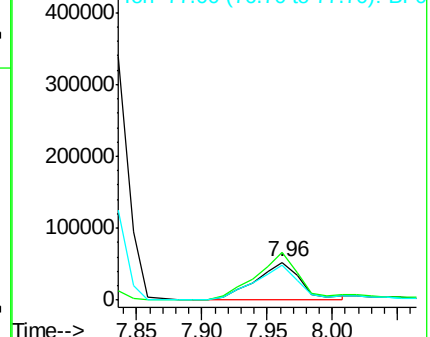
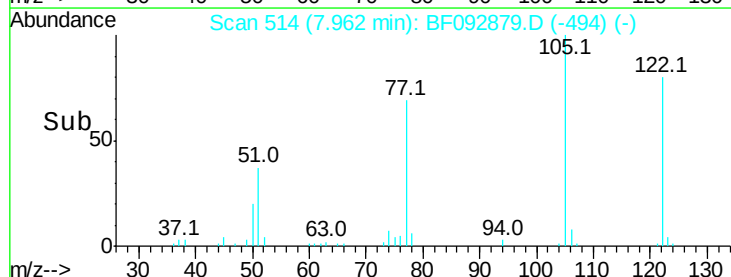
77 93.2 74.5 114.5

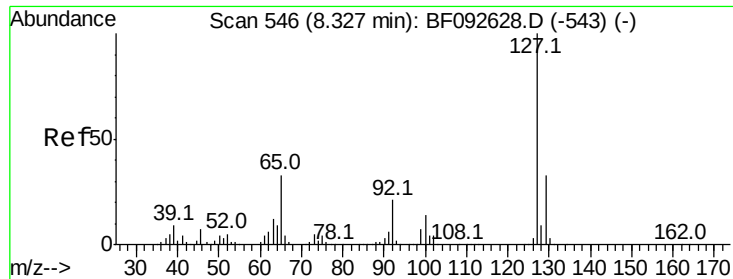


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





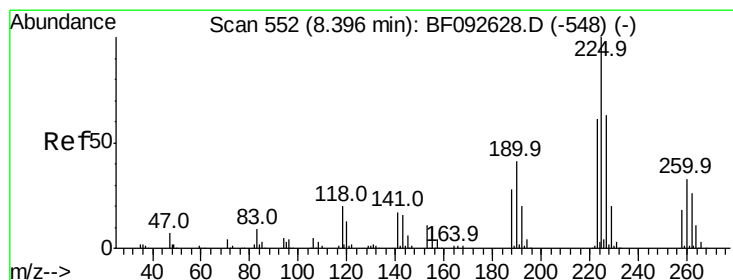
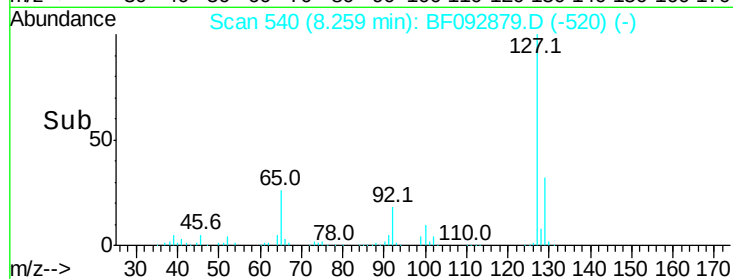
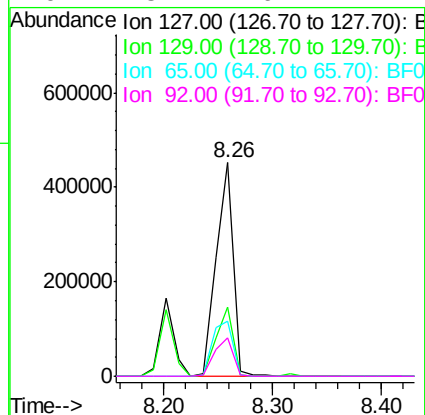
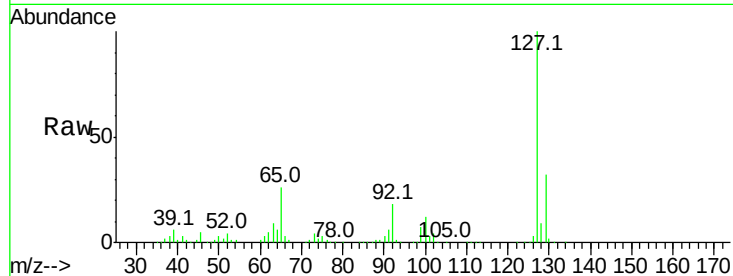
#33
4-Chloroaniline
Concen: 42.73 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	499698		
129	32.1	26.3	39.5	
65	26.0	25.8	38.8	
92	18.1	16.1	24.1	

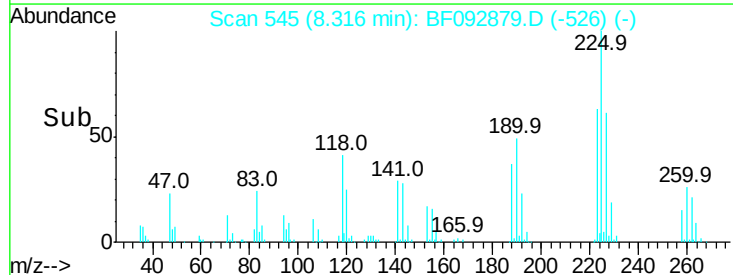
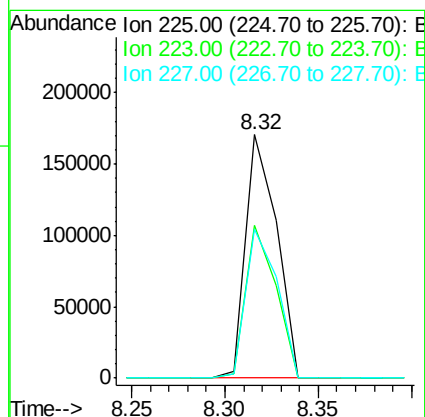
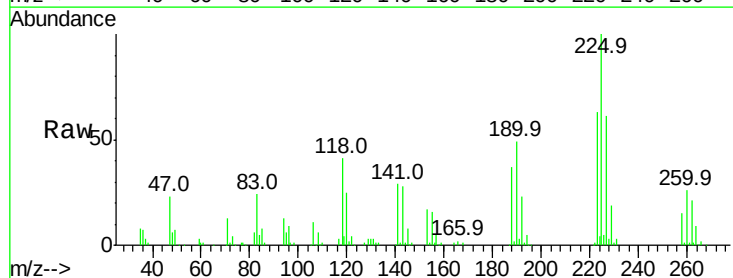
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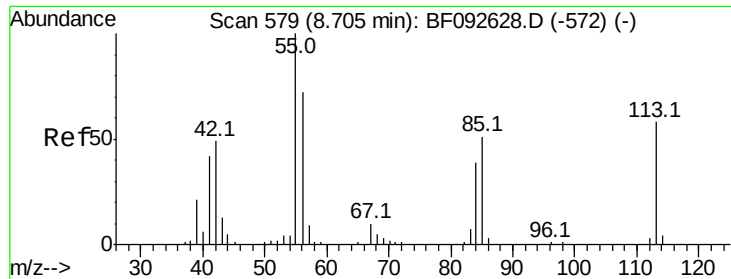
mohammad
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#34
Hexachlorobutadiene
Concen: 39.21 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	196302		
223	62.7	51.0	76.6	
227	61.1	50.6	76.0	





#35

Caprolactam

Concen: 46.28 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

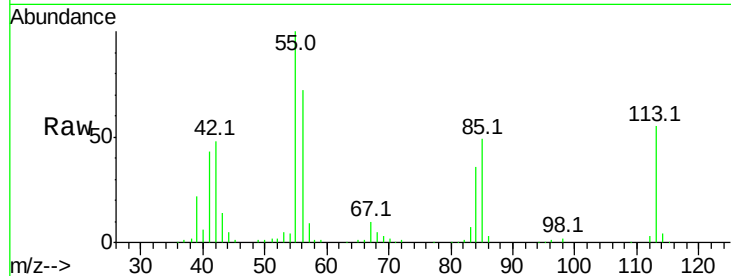
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	122935
Ion Ratio	Lower	Upper	
113	100		
55	182.8	119.2	159.2#
56	132.3	83.8	123.8#

Manual Integrations
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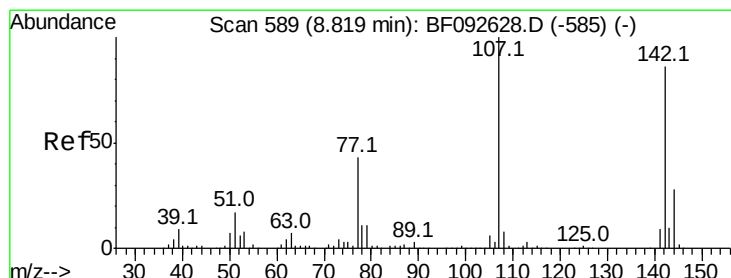
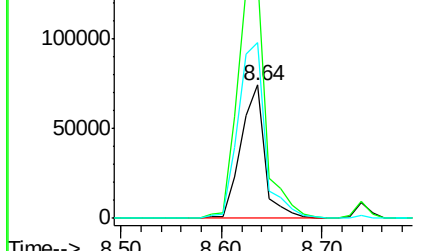
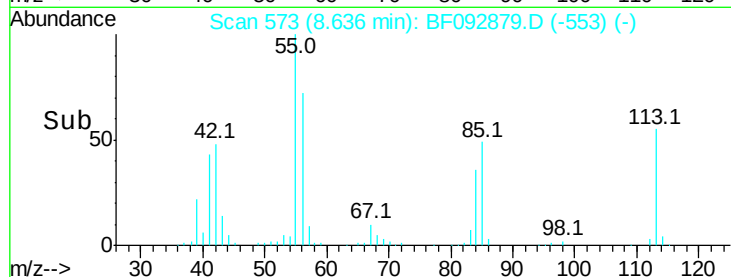


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.03 ng

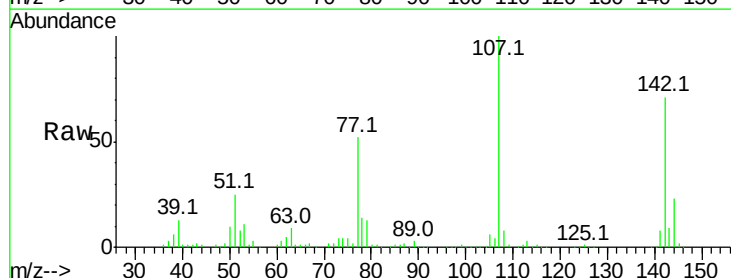
RT: 8.74 min Scan# 582

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	107	Resp:	343650
Ion Ratio	Lower	Upper	
107	100		
144	23.2	19.3	28.9
142	71.4	59.0	88.6

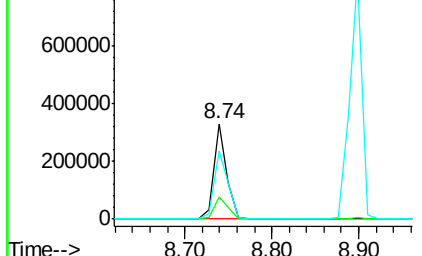
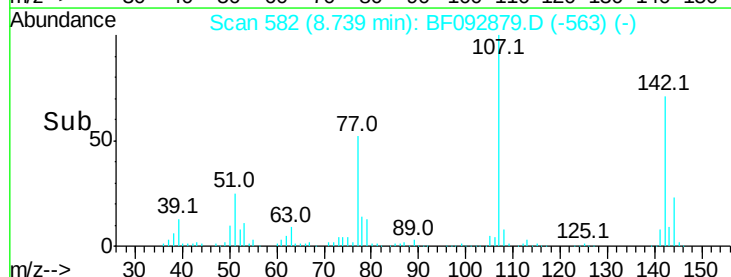


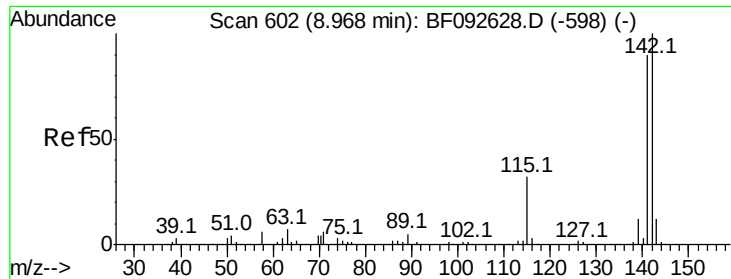
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





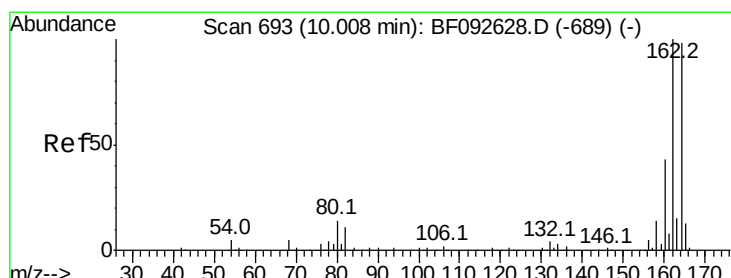
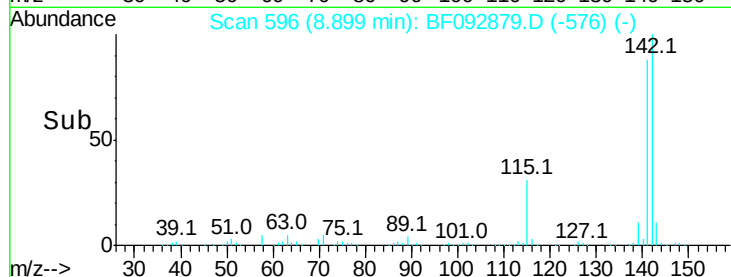
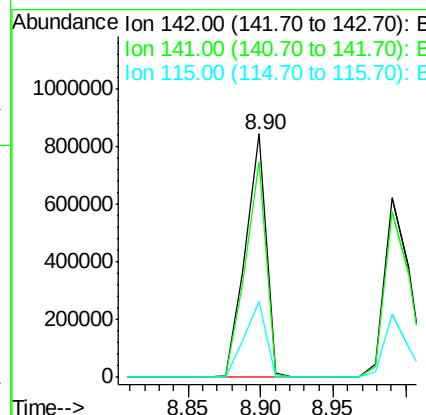
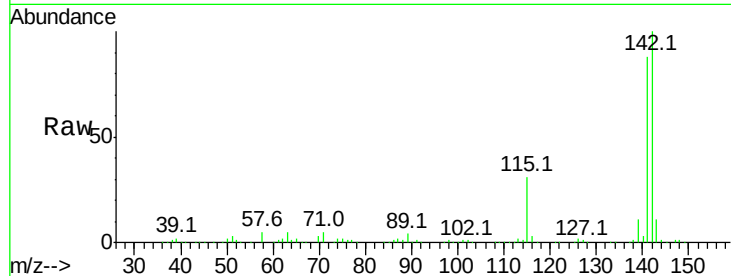
#37
 2-Methylnaphthalene
 Concen: 44.00 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	31.0	28.3	42.5

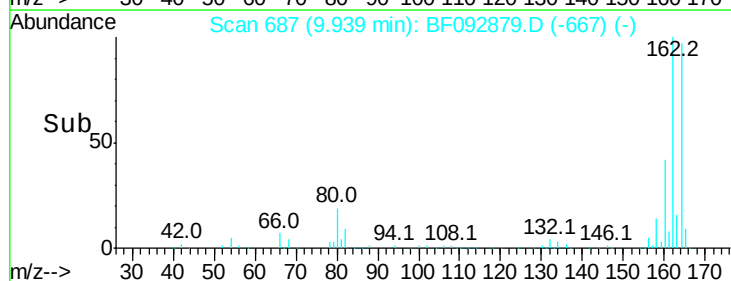
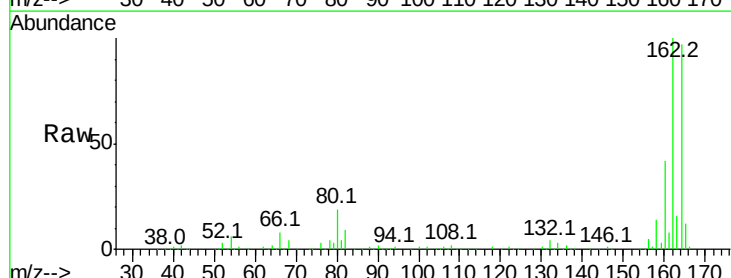
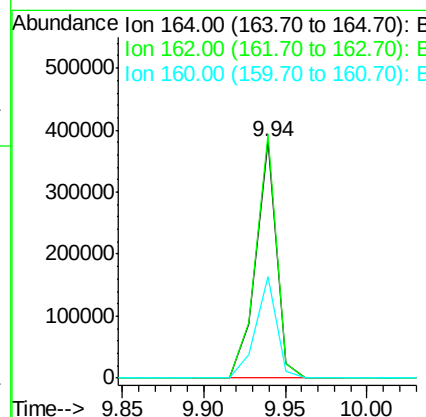
Manual Integrations
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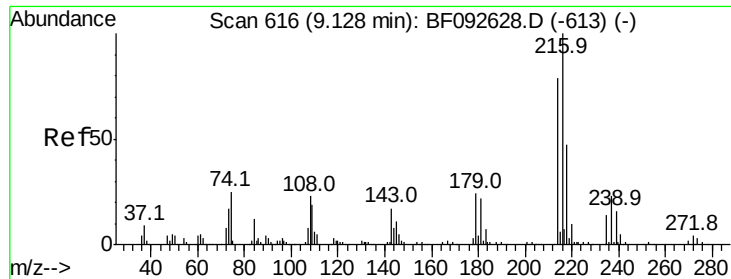
mohammad
 2/10/2017 10:42:26 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	43.0	36.9	55.3





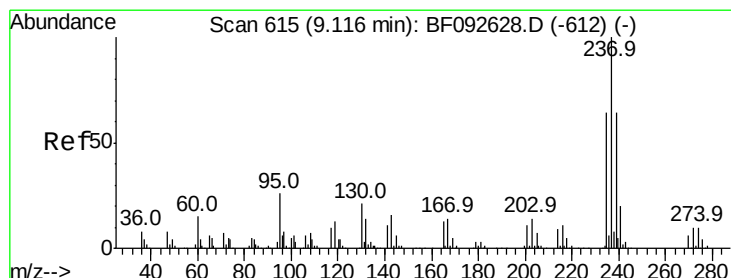
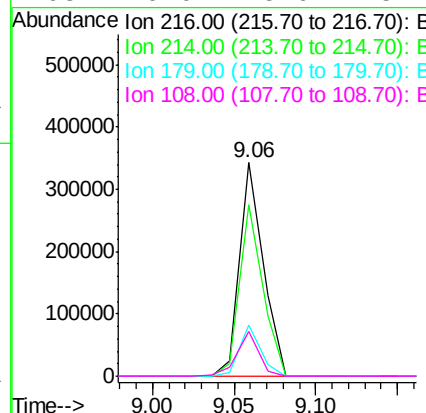
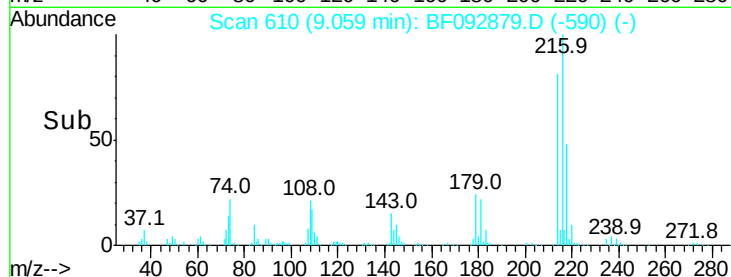
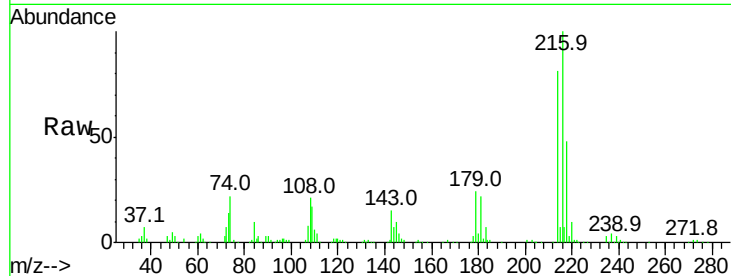
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	342638		
214	78.9	63.4	95.0	
179	21.7	17.4	26.2	
108	19.0	15.6	23.4	

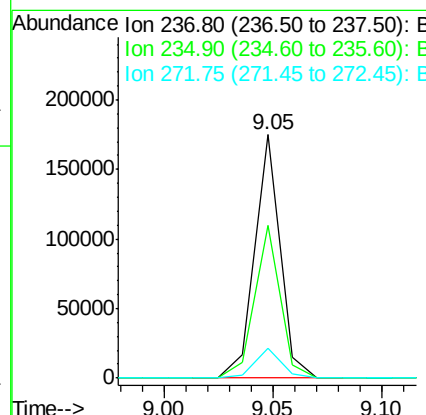
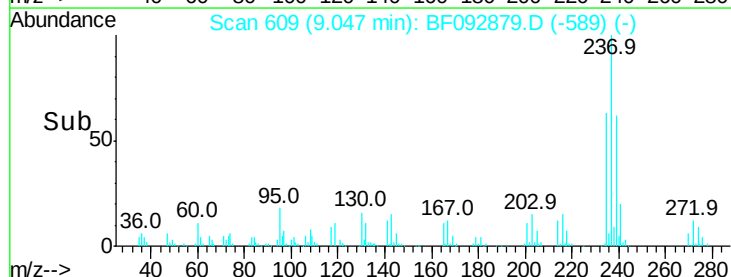
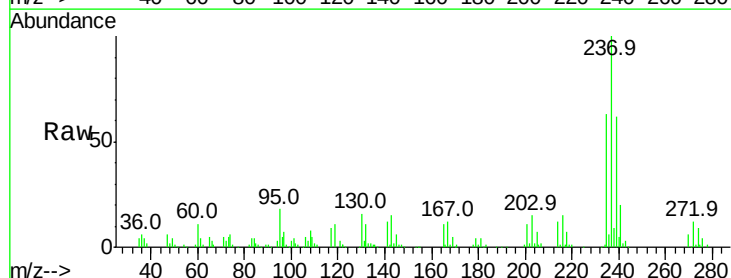
Manual Integrations
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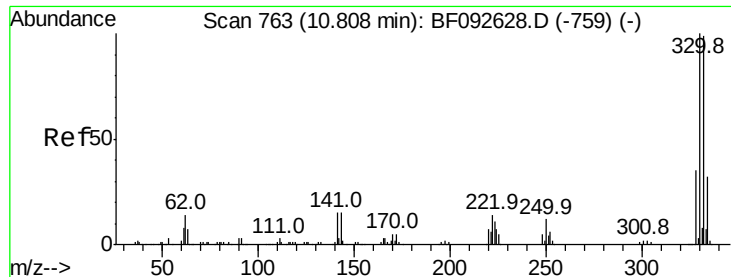
mohammad
 2/10/2017 10:42:26 AM



#40
 Hexachlorocyclopentadiene
 Concen: 33.08 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	141935		
235	63.0	41.2	81.2	
272	12.4	0.0	35.4	





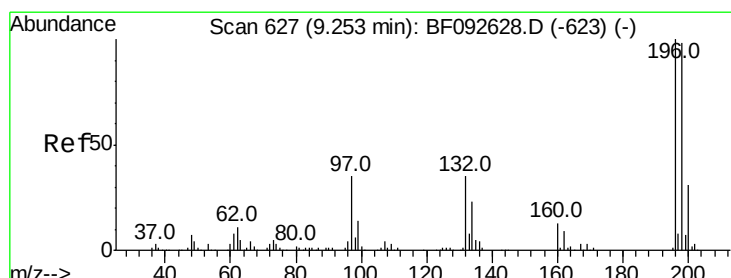
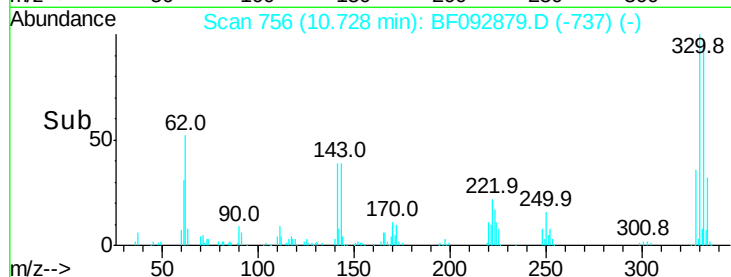
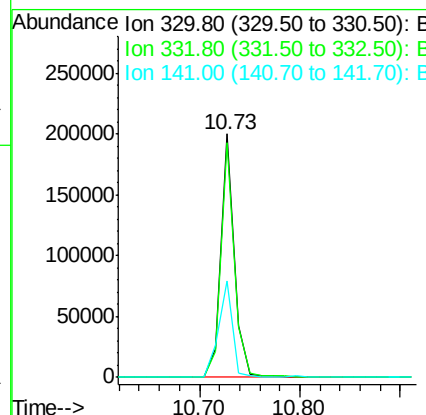
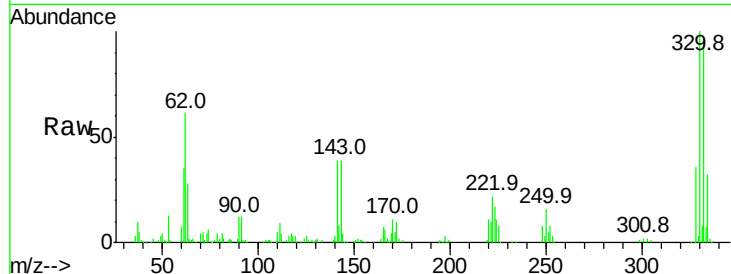
#41
 2,4,6-Tribromophenol
 Concen: 76.50 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187460		
332	96.8	77.4	116.2	
141	41.0	34.1	51.1	

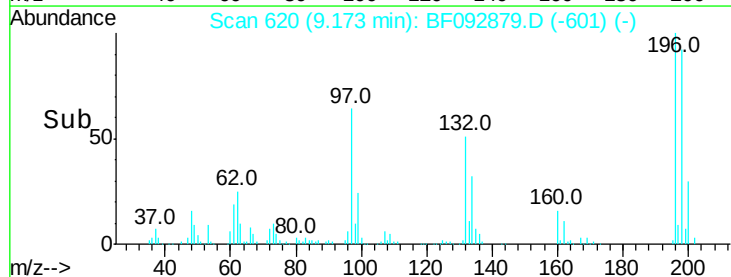
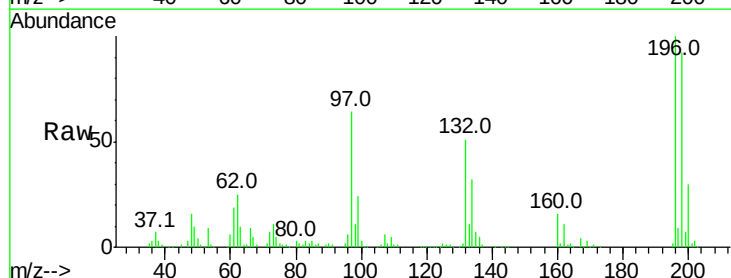
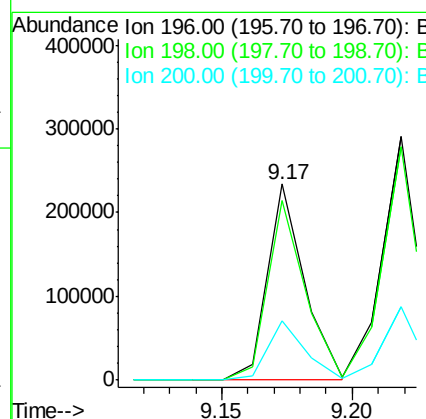
Manual Integrations
 APPROVED

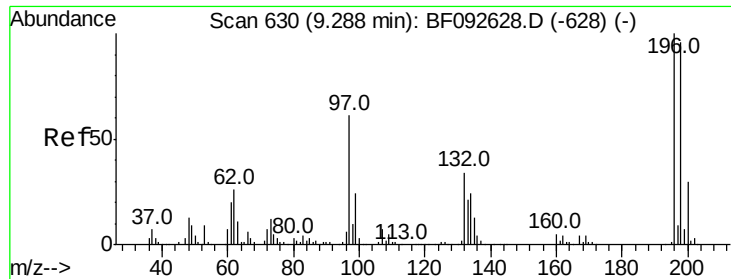
mohammad
 2/10/2017 10:42:26 AM



#42
 2,4,6-Trichlorophenol
 Concen: 36.97 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231008		
198	91.7	82.1	123.1	
200	30.0	27.0	40.4	





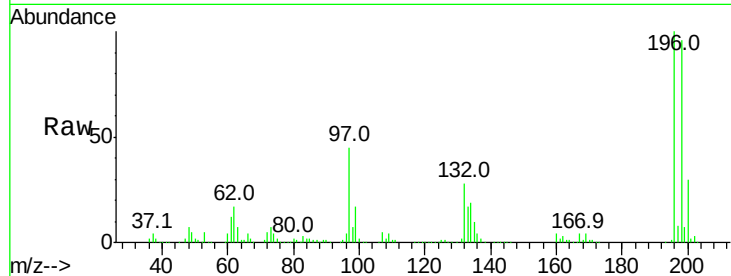
#43
 2,4,5-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

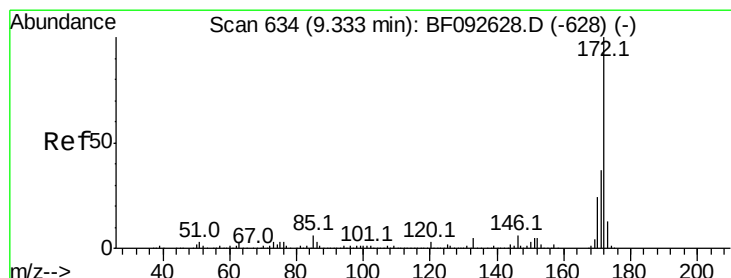
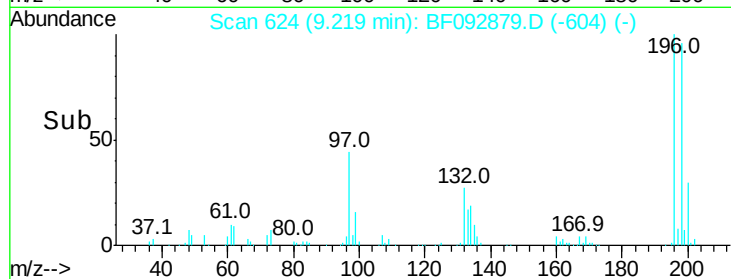
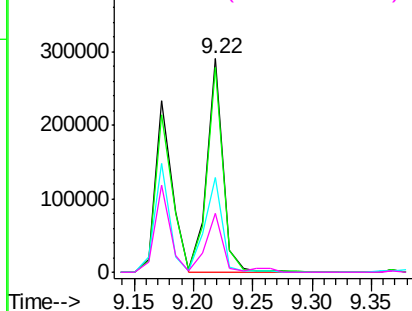
Tot Ion	Ratio	Resp	Lower	Upper
196	100	272768		
198	95.9	79.4	119.2	
97	44.6	51.5	77.3#	
132	27.6	27.4	41.2	

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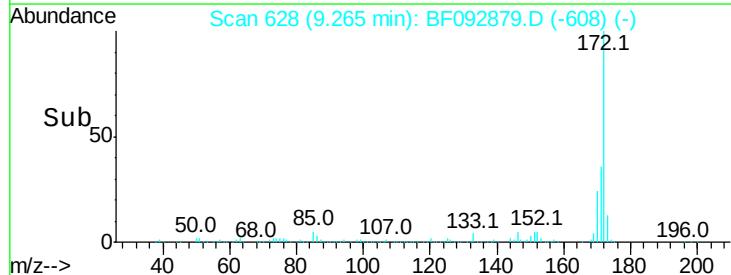
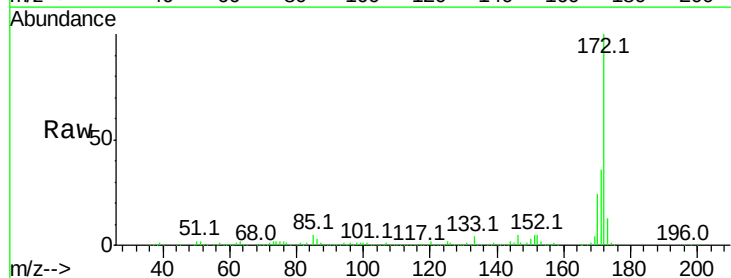
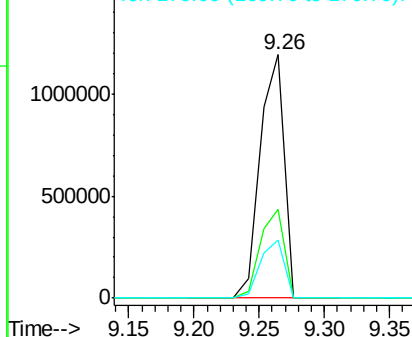
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

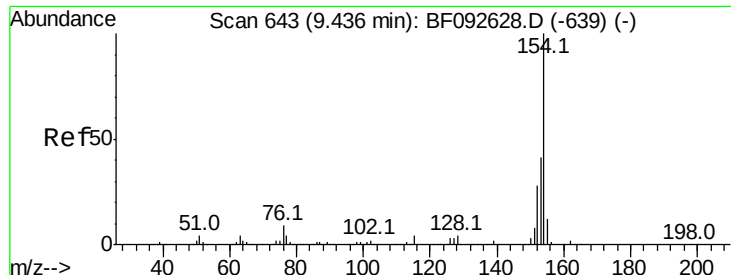


#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1529619		
171	36.3	29.4	44.0	
170	24.0	20.2	30.4	

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





#45

1,1'-Biphenyl

Concen: 36.66 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

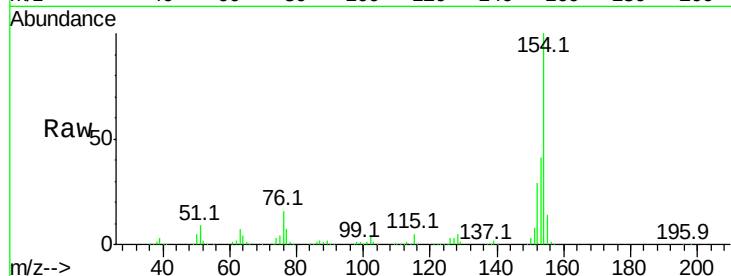
ClientSampleId :

SSTDCCC040

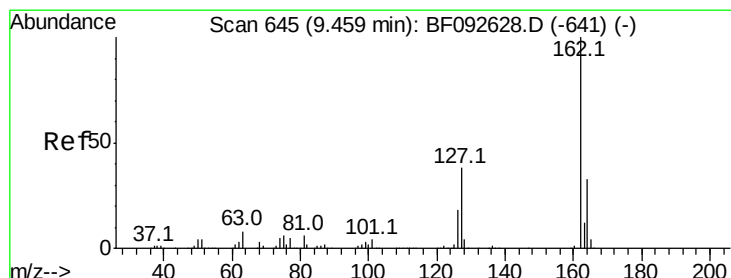
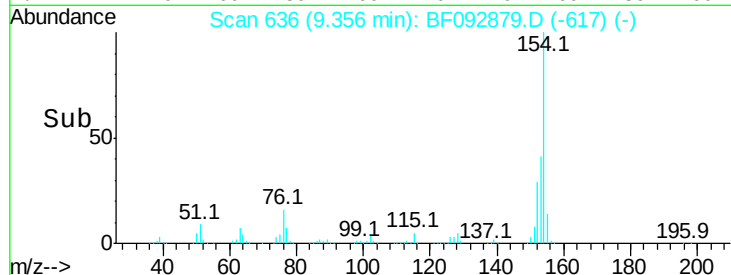
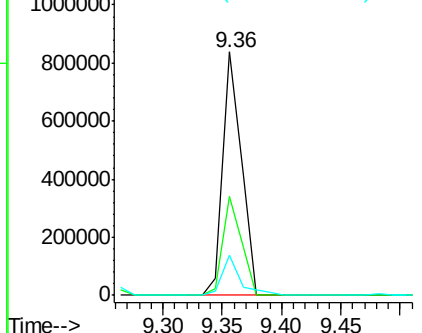
Tot Ion:	154	Resp:	899398
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.9	60.9
76	16.3	0.0	30.5

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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: 39.50 ng

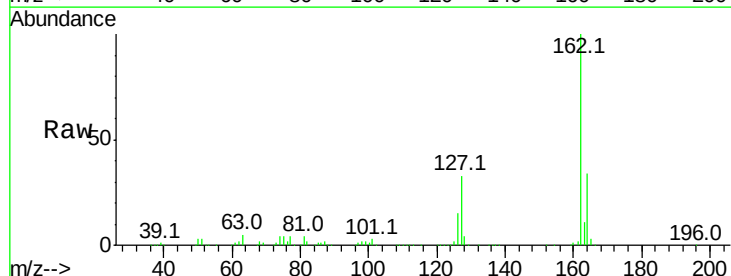
RT: 9.39 min Scan# 639

Delta R.T. -0.07 min

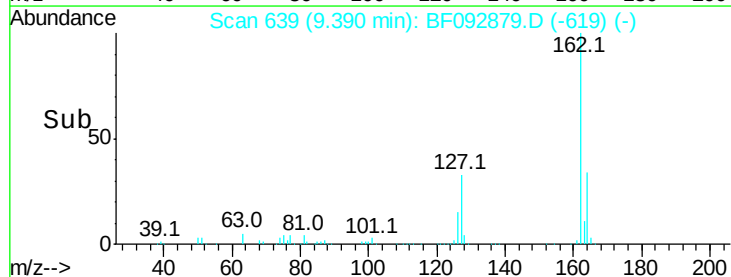
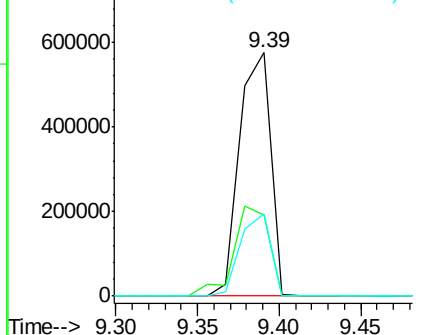
Lab File: BF092879.D

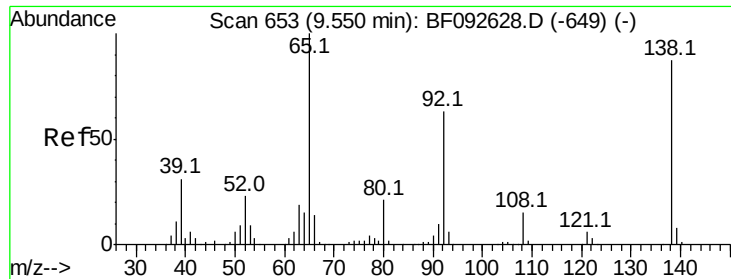
Acq: 9 Feb 2017 10:49

Tgt Ion:	162	Resp:	758127
Ion Ratio	Lower	Upper	
162	100		
127	33.1	30.7	46.1
164	33.6	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





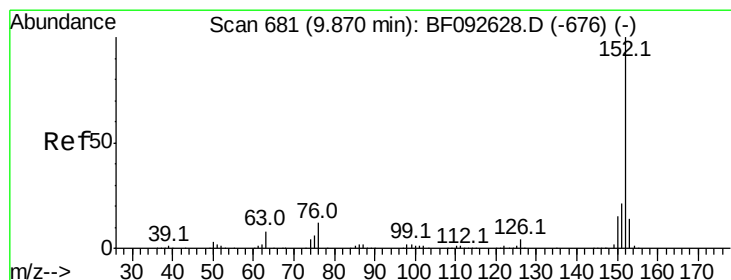
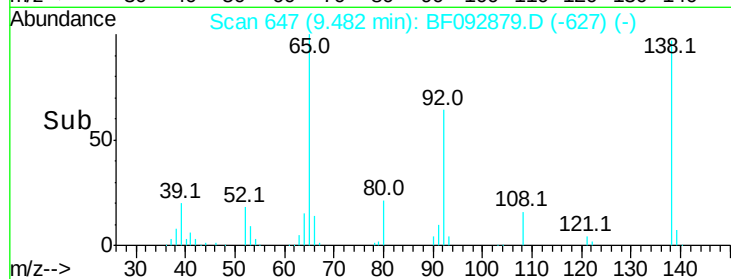
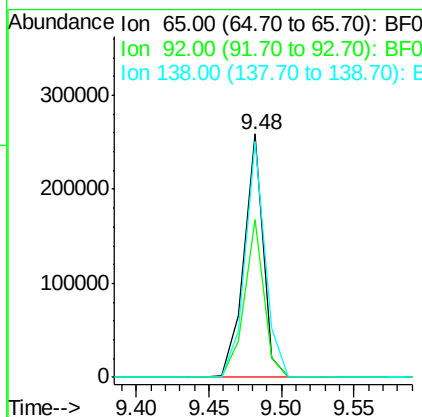
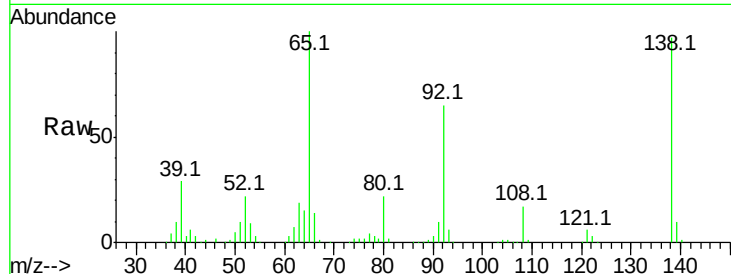
#47
2-Nitroaniline
Concen: 37.13 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.9	80.9
138	96.9	76.8	115.2

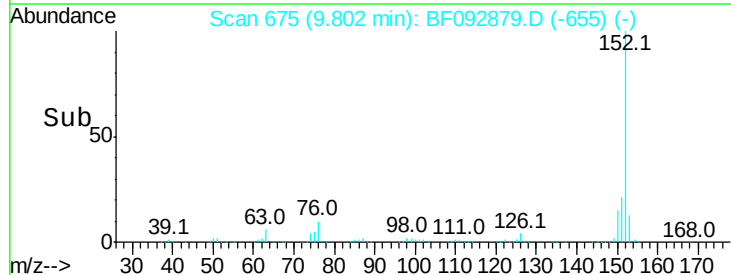
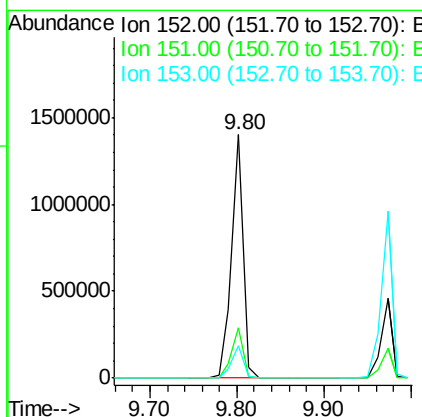
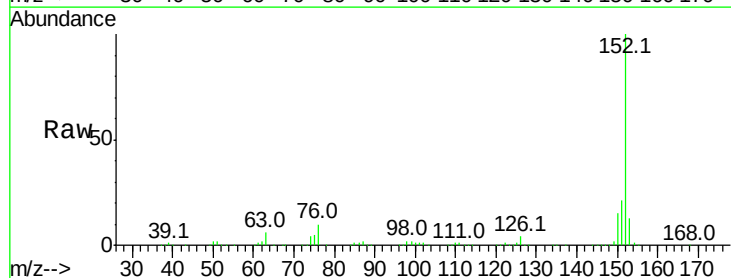
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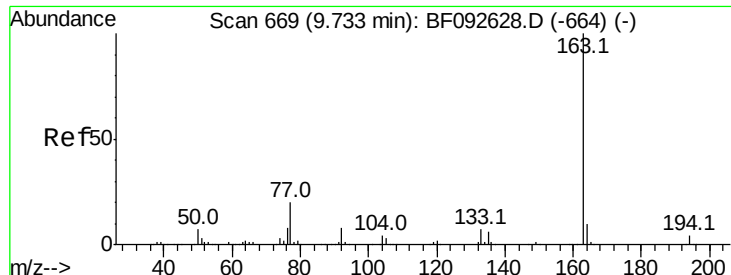
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#48
Acenaphthylene
Concen: 38.73 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.4	11.4	17.2





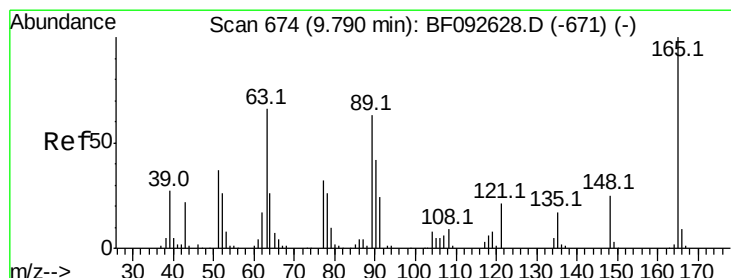
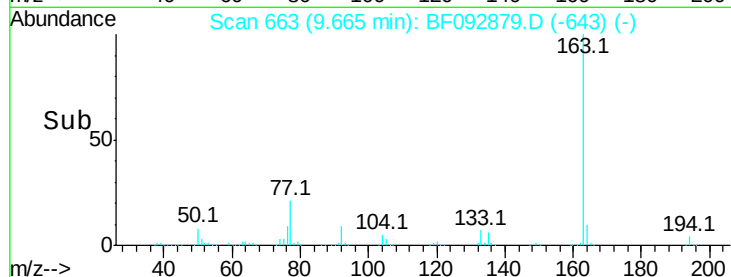
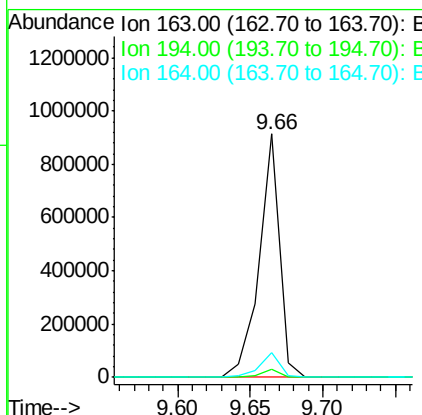
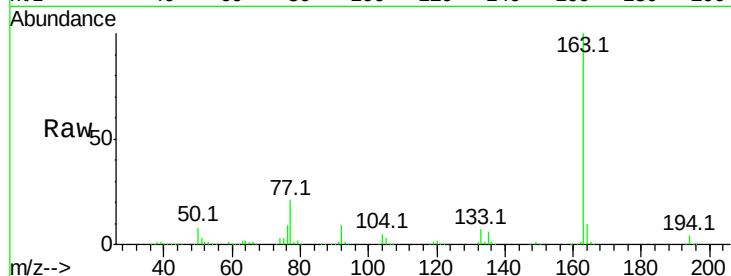
#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	885103		
194	3.5		3.0	4.4
164	10.4		8.0	12.0

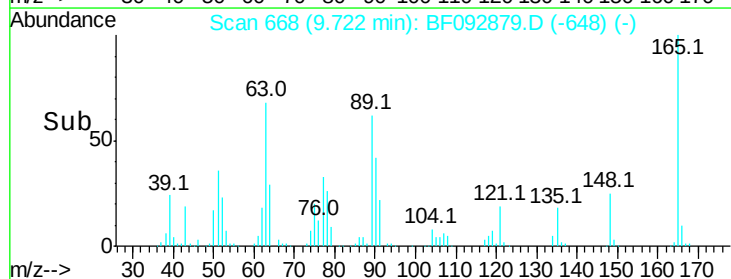
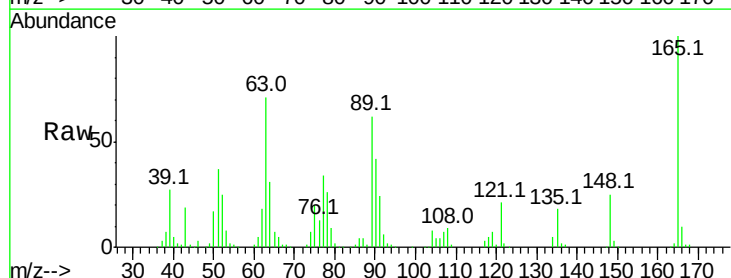
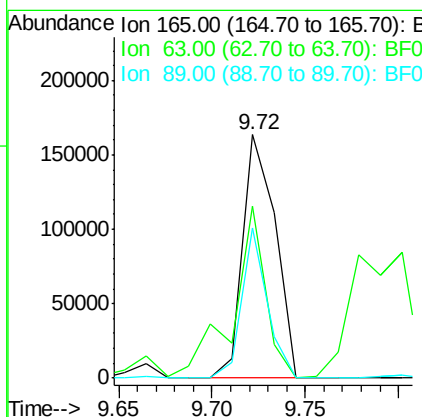
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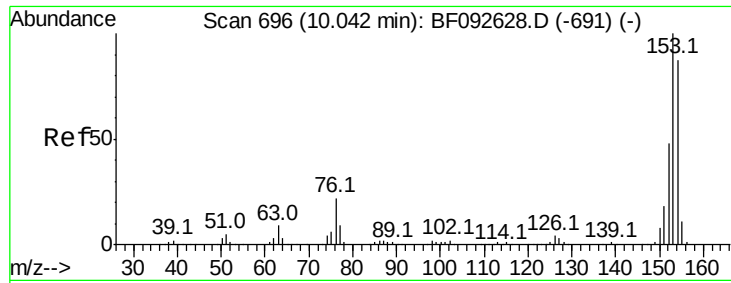
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#50
2,6-Dinitrotoluene
Concen: 40.11 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197679		
63	70.5		36.2	54.4#
89	61.8		40.2	60.4#





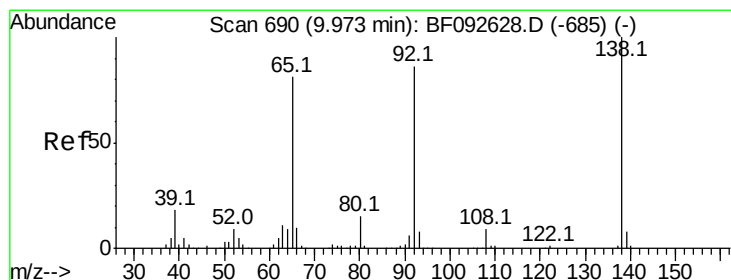
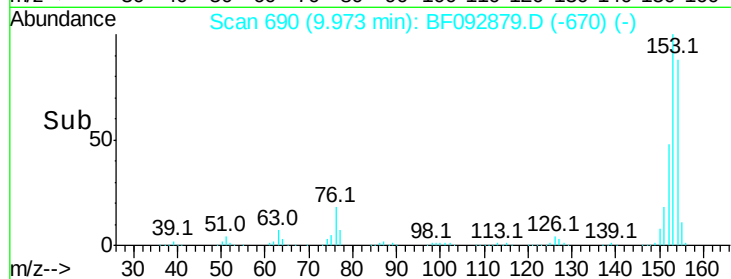
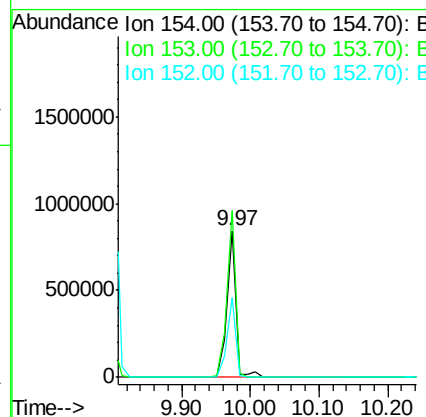
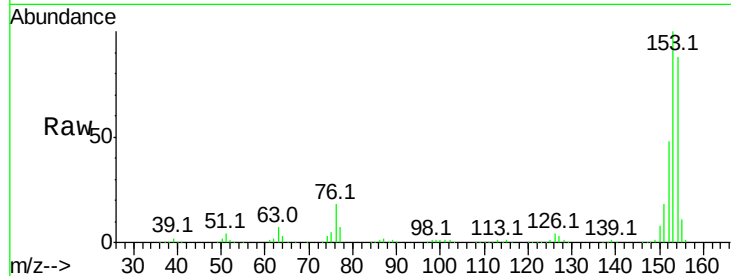
#51
Acenaphthene
Concen: 39.80 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.6	133.0
152	54.1	41.6	62.4

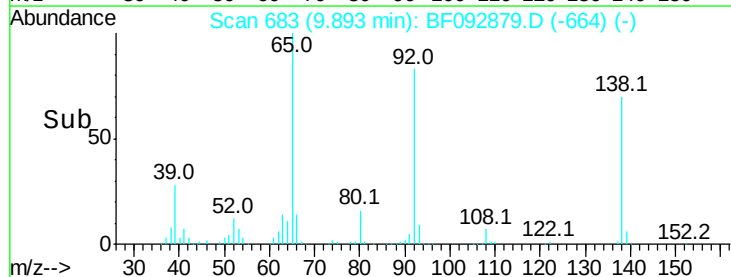
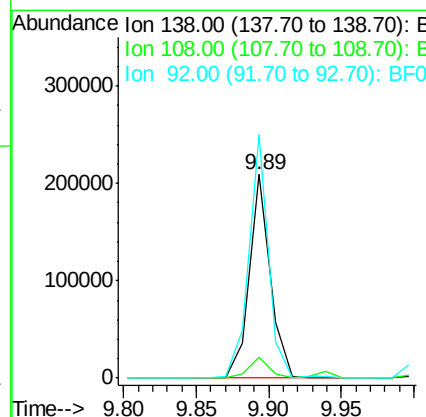
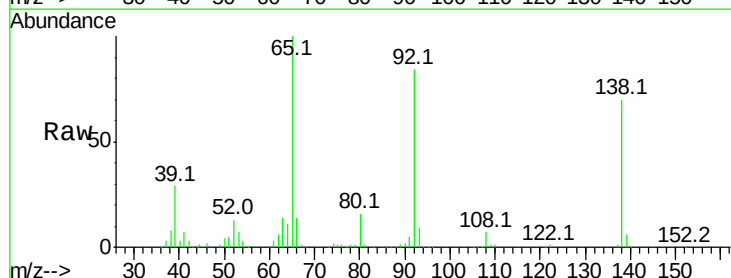
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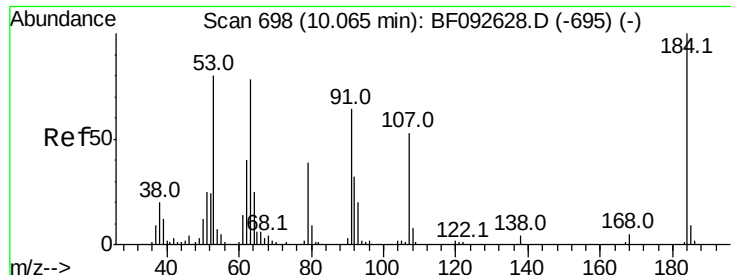
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#52
3-Nitroaniline
Concen: 37.02 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	119.7	97.8	146.8





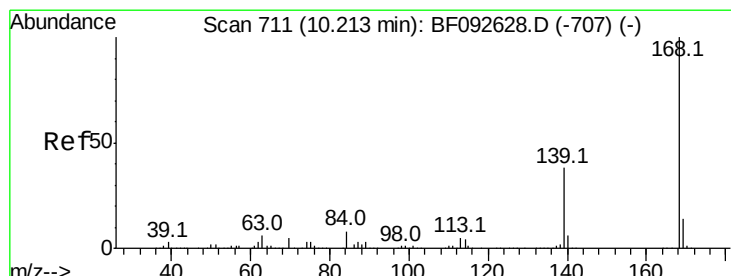
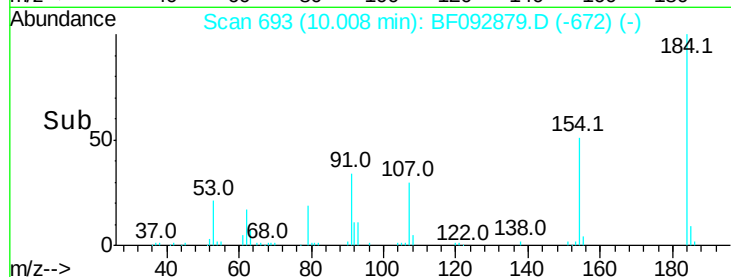
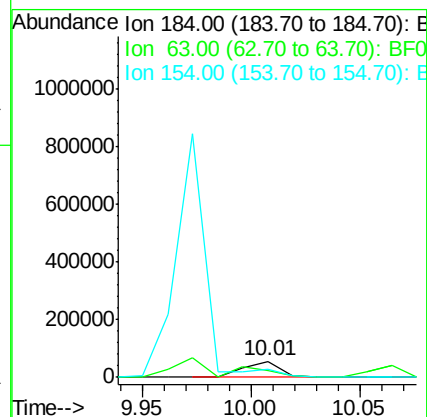
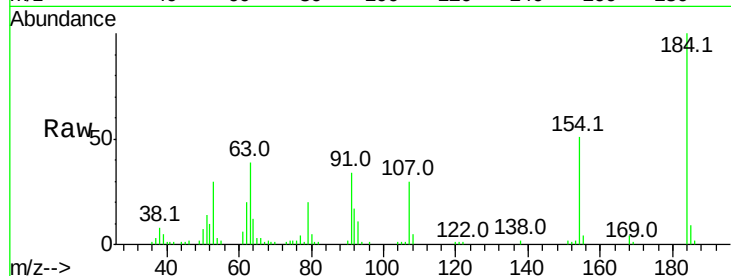
#53
 2,4-Dinitrophenol
 Concen: 30.02 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.06 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	38.9	28.4	42.6
154	50.9	44.3	66.5

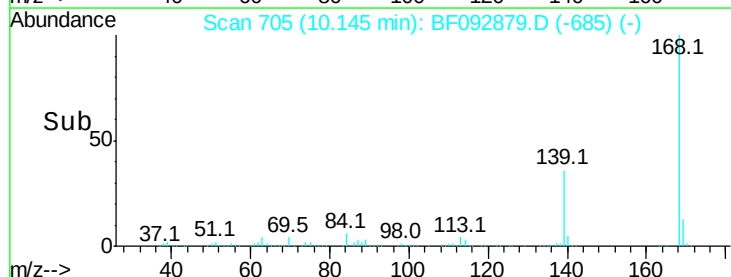
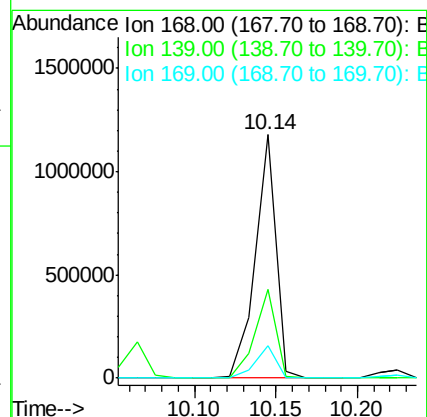
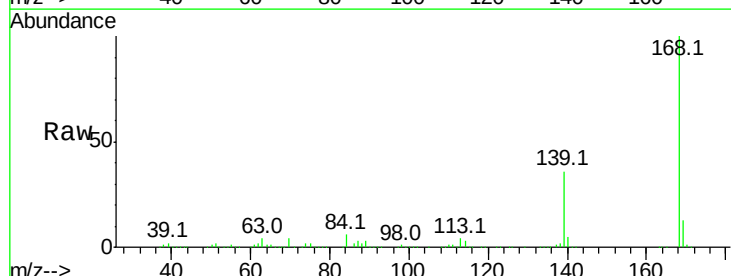
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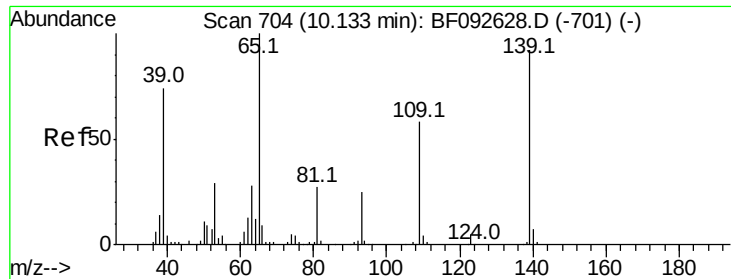
mohammad
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#54
 Dibenzofuran
 Concen: 39.14 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.6	49.0
169	13.5	11.3	16.9





#55

4-Nitrophenol

Concen: 41.58 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 168899

Ion Ratio Lower Upper

139 100

109 56.5 52.2 92.2

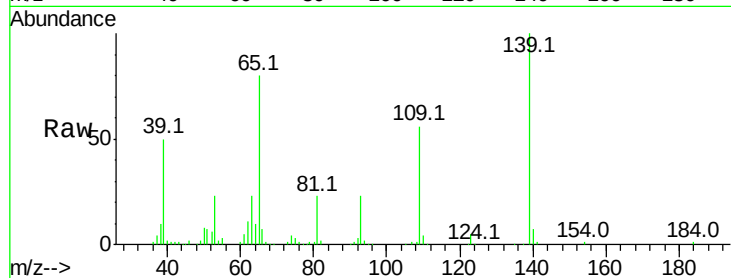
65 79.9 85.8 125.8#

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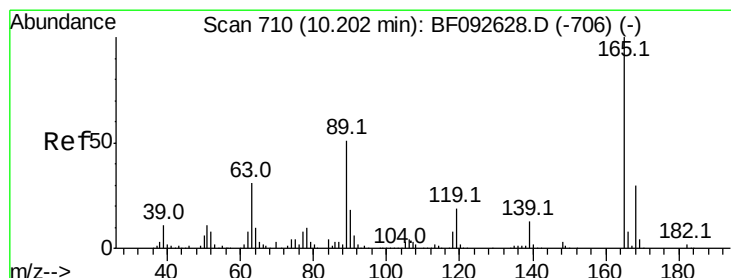
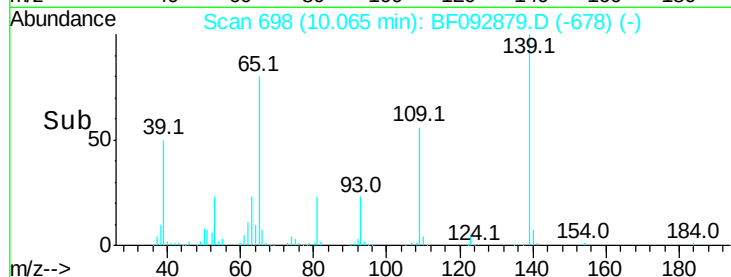
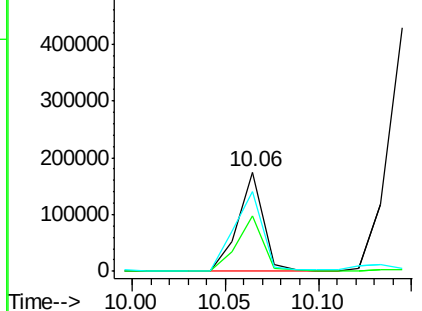
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.40 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:165 Resp: 291315

Ion Ratio Lower Upper

165 100

63 36.1 40.2 60.4#

89 54.7 62.5 93.7#

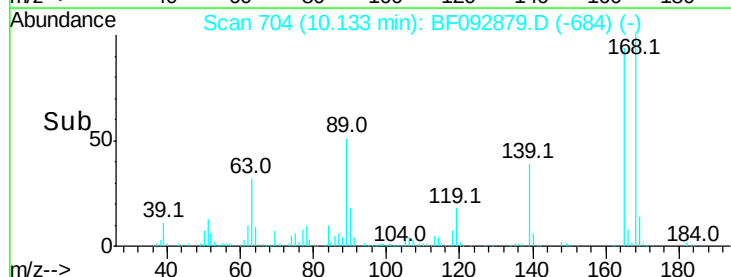
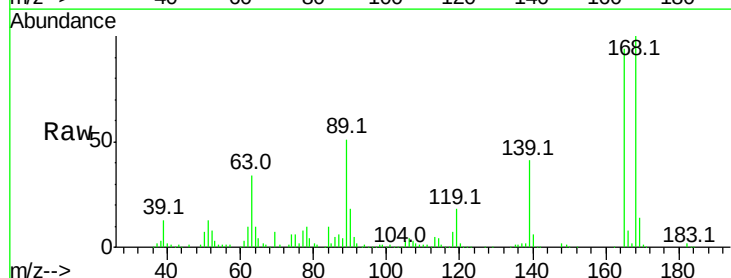
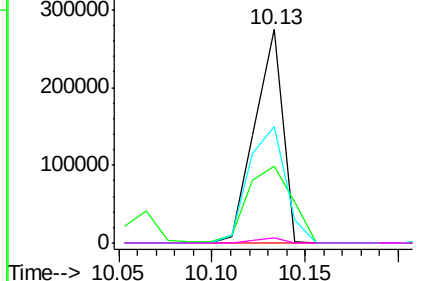
182 2.3 1.8 2.8

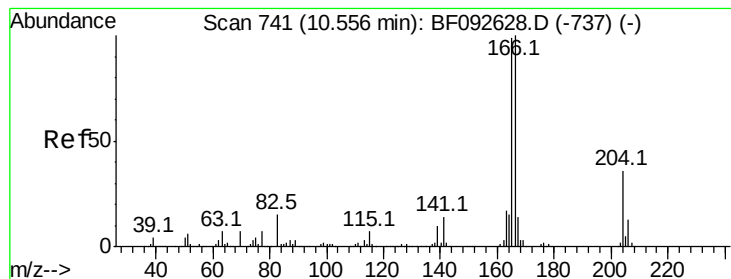
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.81 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

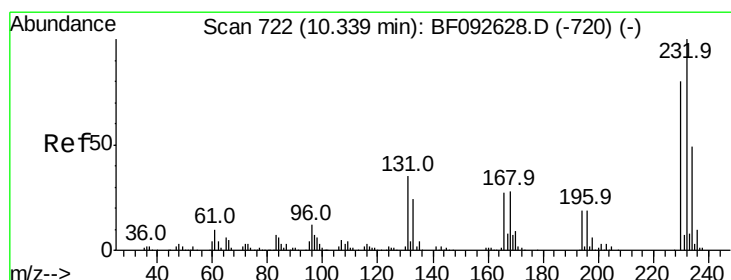
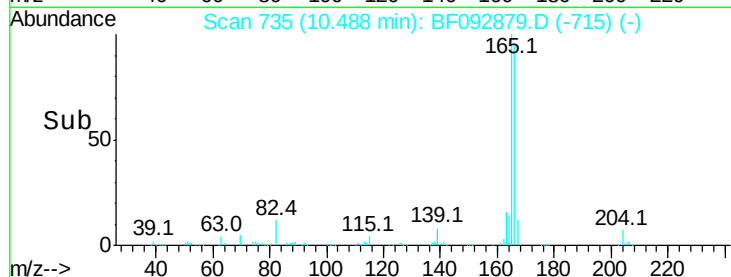
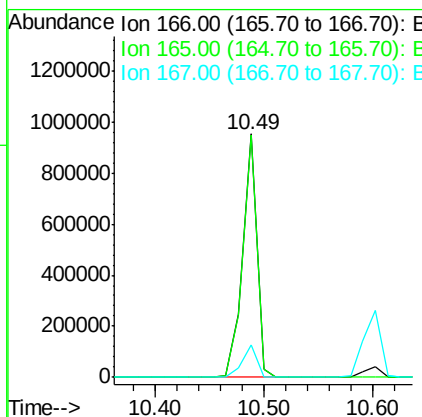
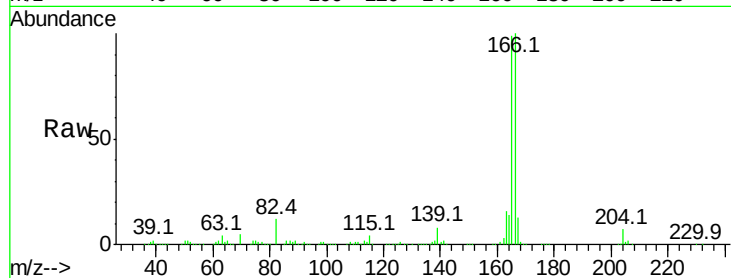
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	852753
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.20 ng

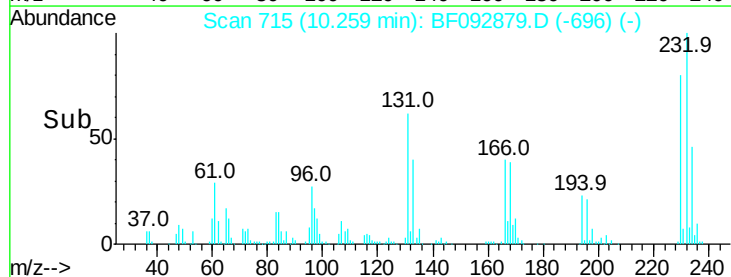
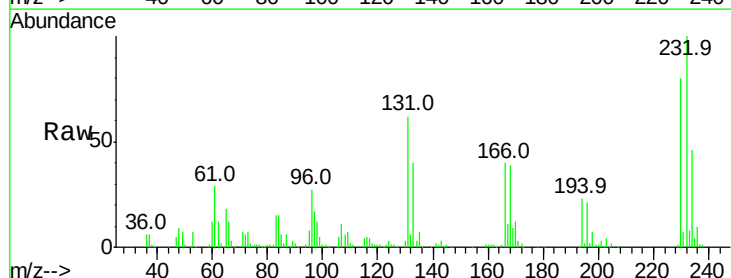
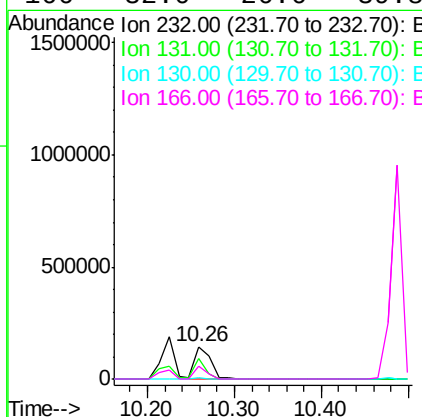
RT: 10.26 min Scan# 715

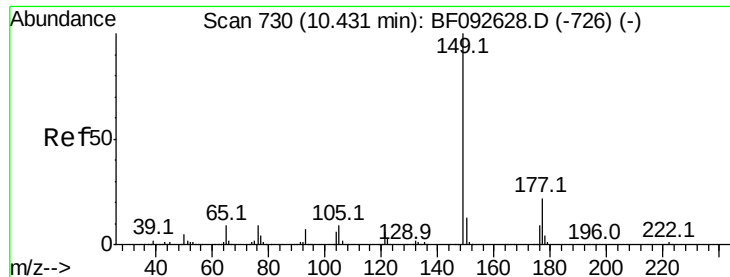
Delta R.T. -0.08 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	232	Resp:	179057
Ion Ratio	Lower	Upper	
232	100		
131	49.1	40.1	60.1
130	2.1	1.8	2.8
166	32.0	26.6	39.8





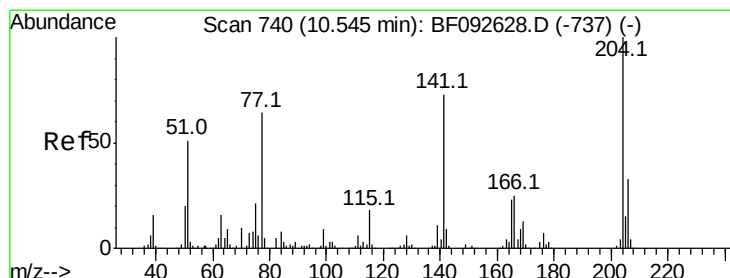
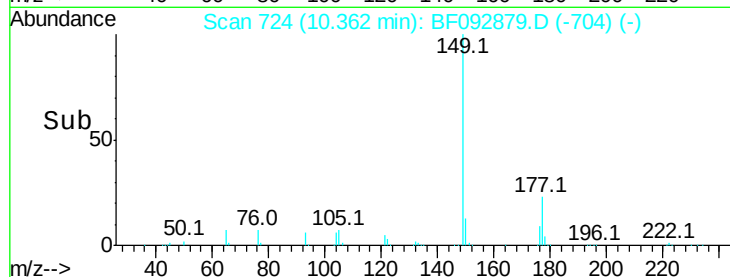
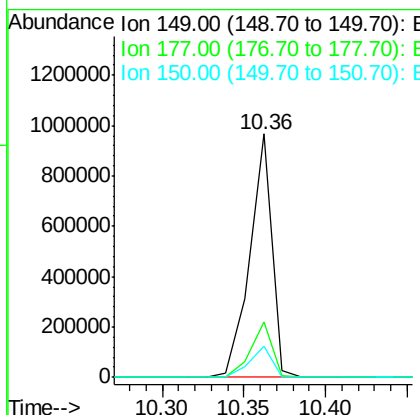
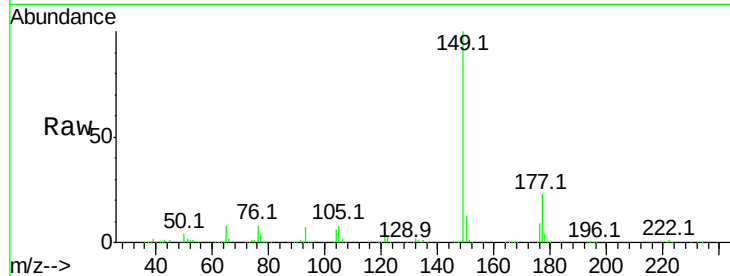
#59
Diethylphthalate
Concen: 42.24 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	908491		
177	22.7	16.6	25.0	
150	12.7	10.4	15.6	

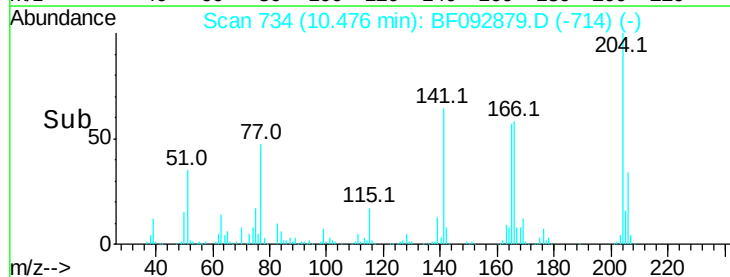
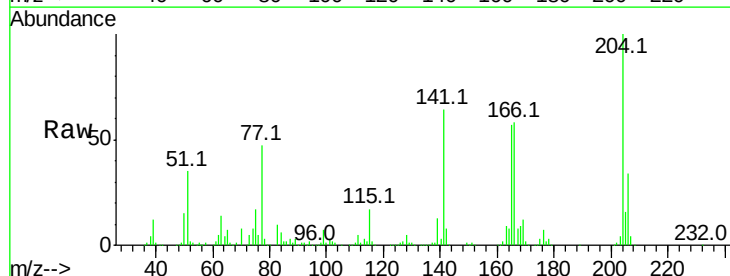
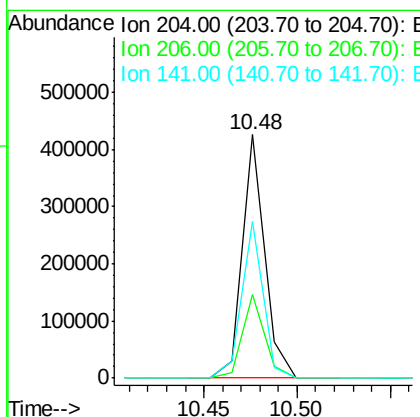
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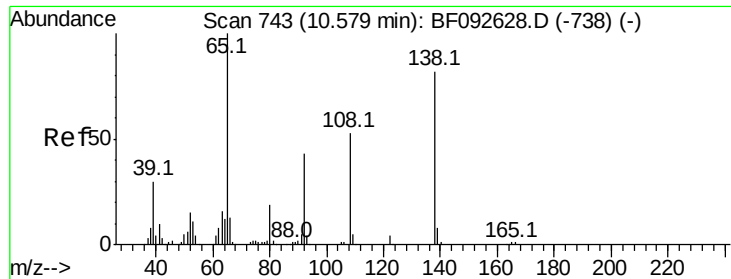
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 36.41 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	356792		
206	34.3	25.8	38.6	
141	64.3	59.4	89.0	





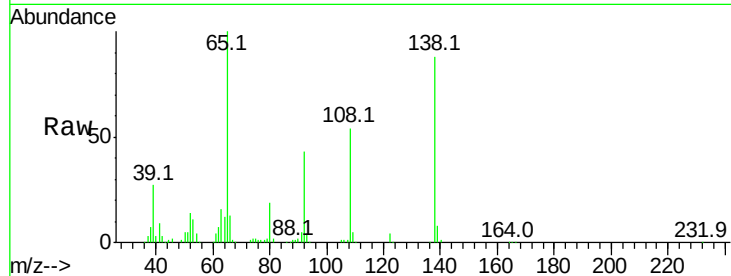
#61
4-Nitroaniline
Concen: 40.56 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.7	71.7
108	61.7	52.6	92.6

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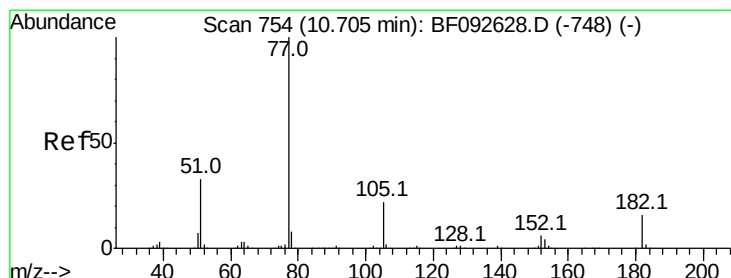
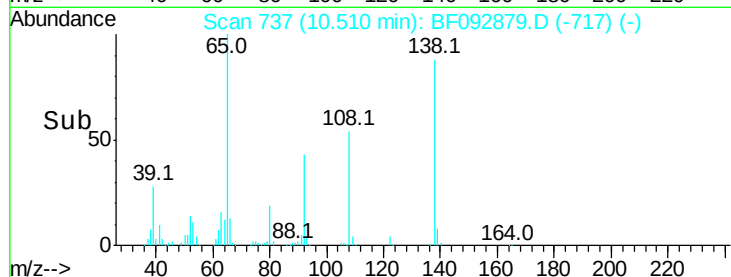
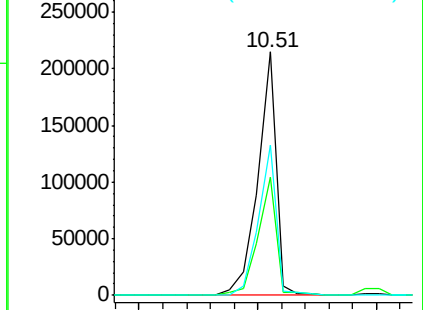


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 39.29 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.0	39.3
105	23.1	2.3	42.3
51	31.3	8.9	48.9

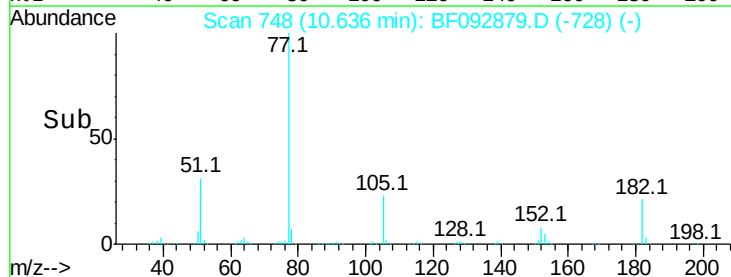
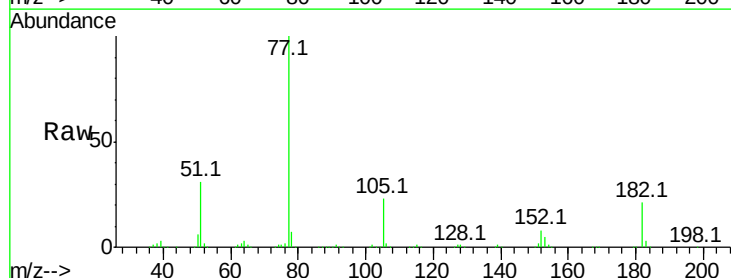
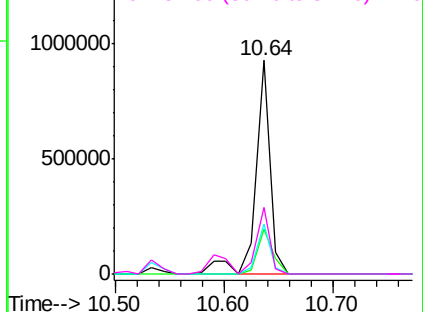
Abundance

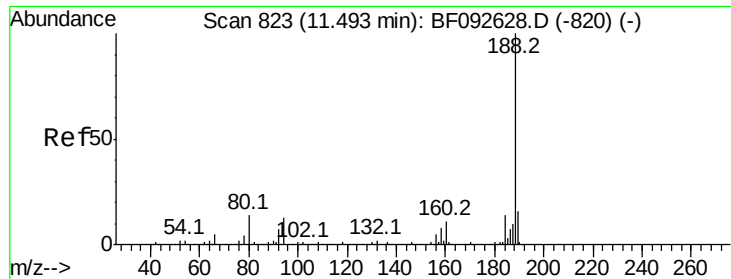
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

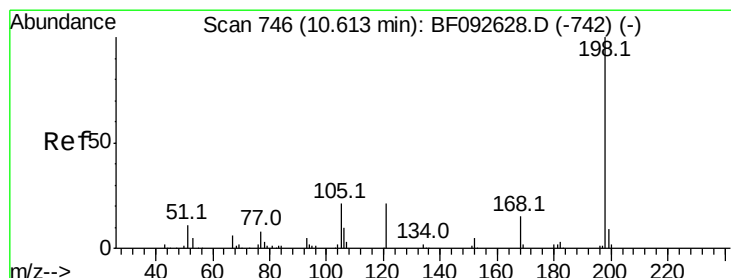
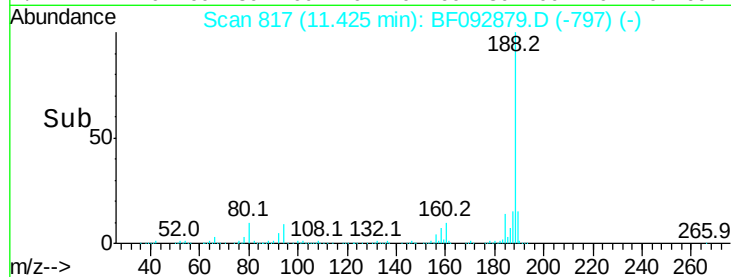
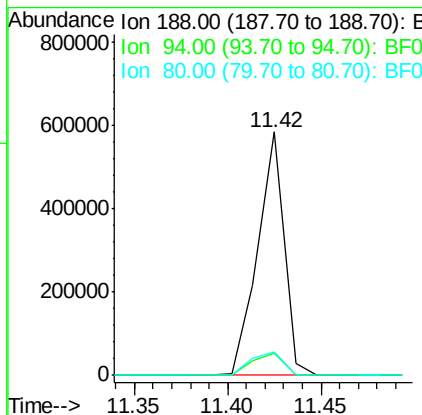
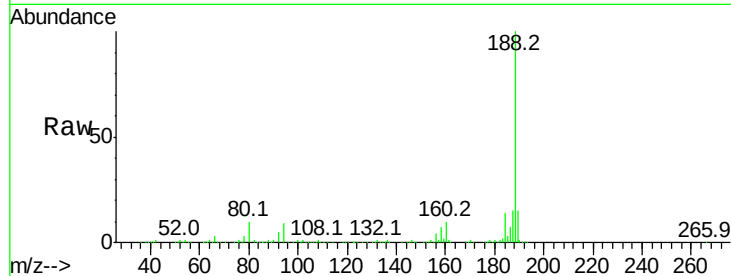
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	572261
Ion Ratio	Lower	Upper	
188	100		
94	9.0	10.0	15.0#
80	9.6	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.47 ng

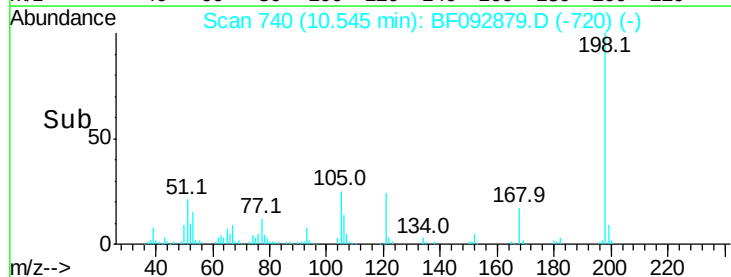
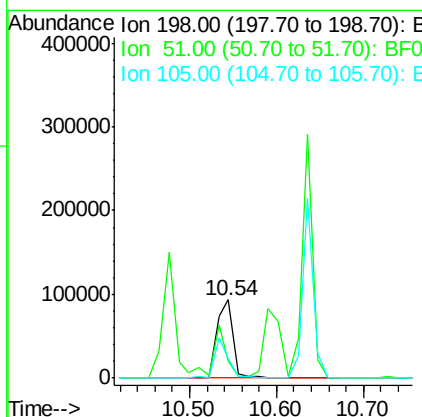
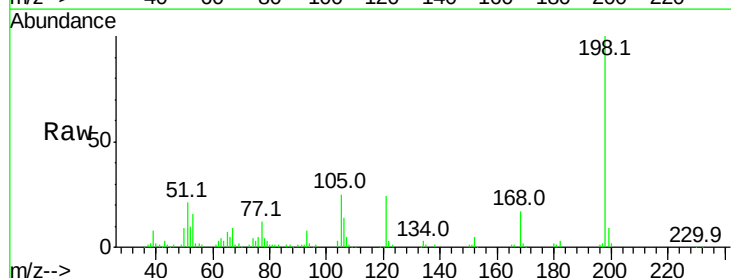
RT: 10.54 min Scan# 740

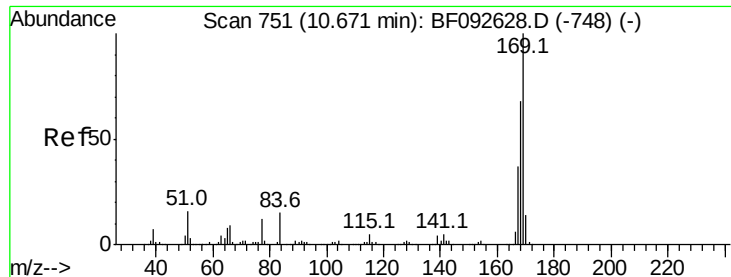
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	198	Resp:	124688
Ion Ratio	Lower	Upper	
198	100		
51	21.1	6.7	46.7
105	25.4	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 41.35 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

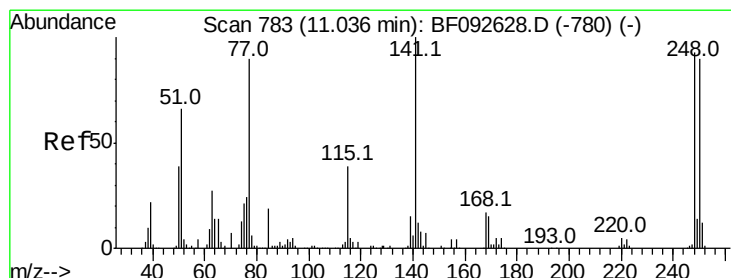
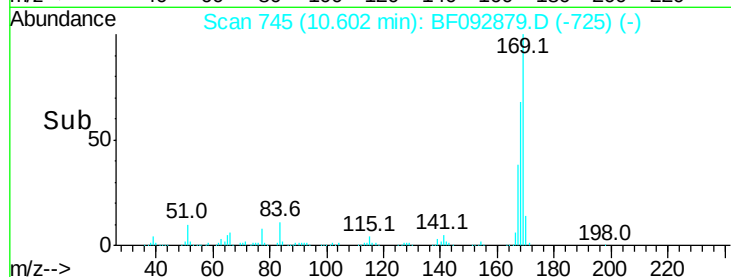
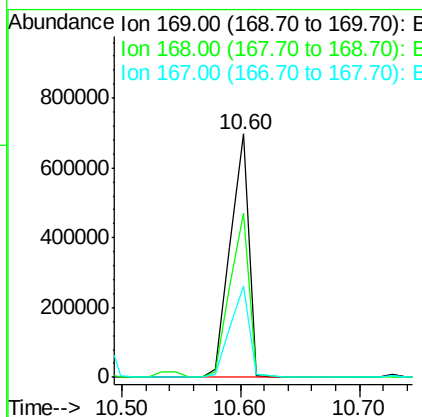
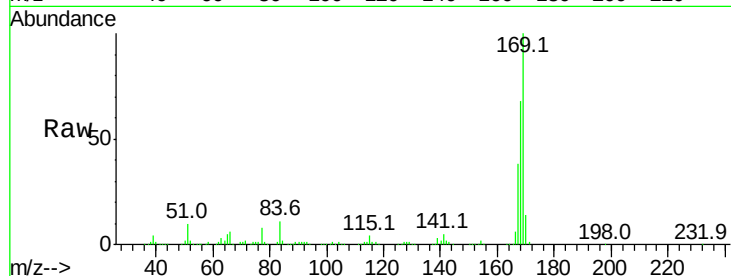
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	755827
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.2	81.2
167	37.5	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 38.74 ng

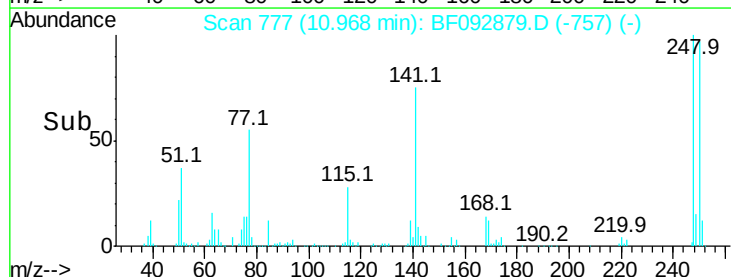
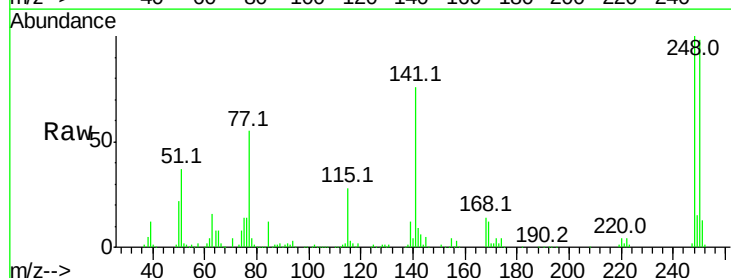
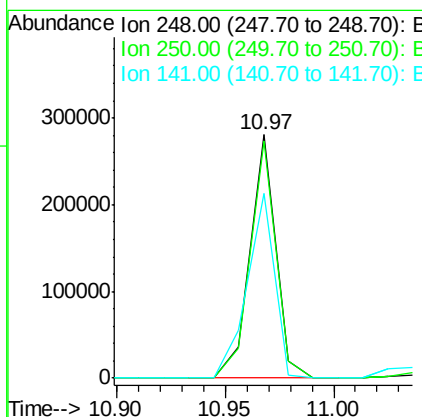
RT: 10.97 min Scan# 777

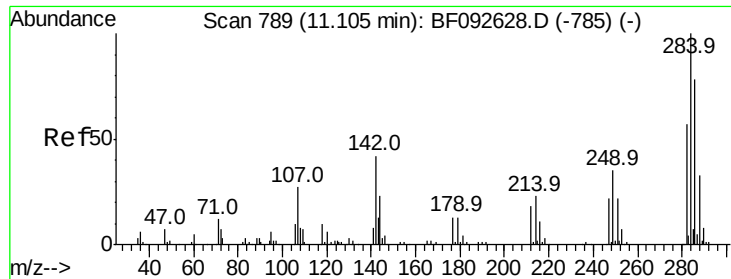
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:	248	Resp:	231646
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	76.1	68.2	102.4





#67

Hexachlorobenzene

Concen: 41.00 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

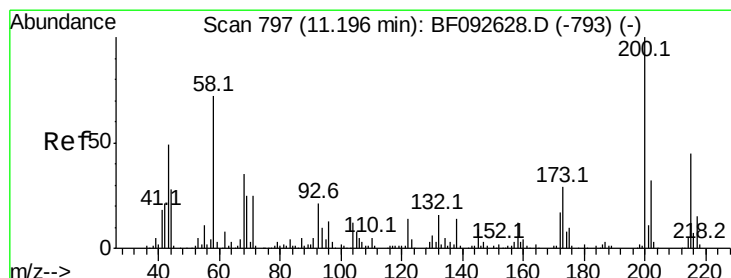
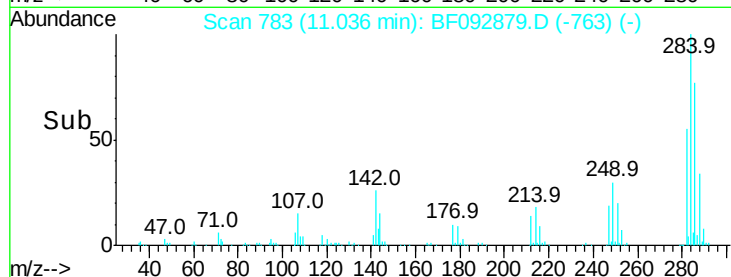
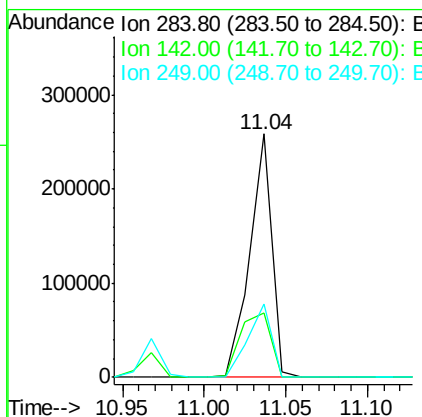
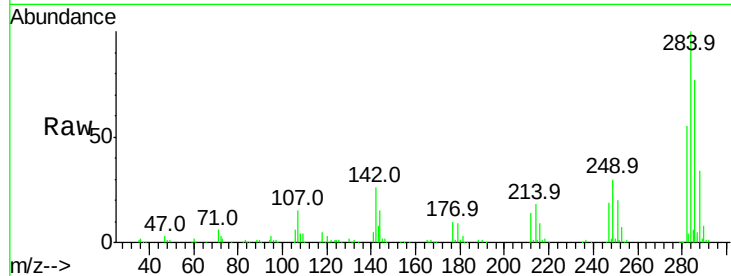
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	242259		
142	26.4	22.6	33.8	
249	30.3	25.4	38.0	

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#68

Atrazine

Concen: 42.53 ng

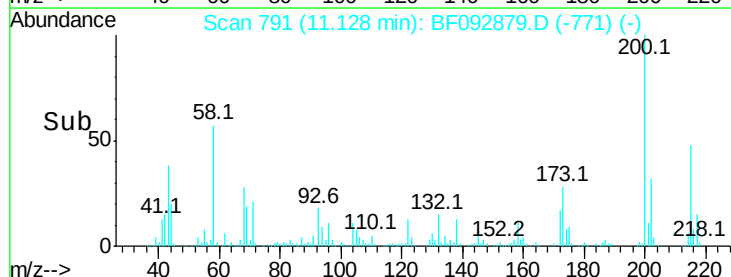
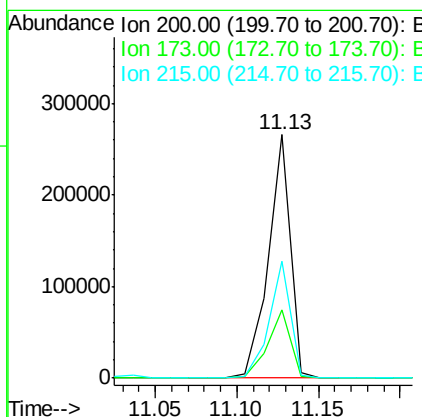
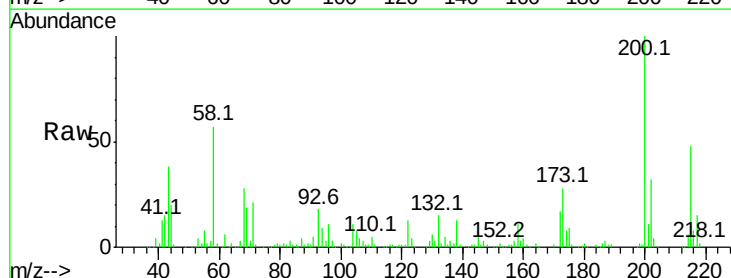
RT: 11.13 min Scan# 791

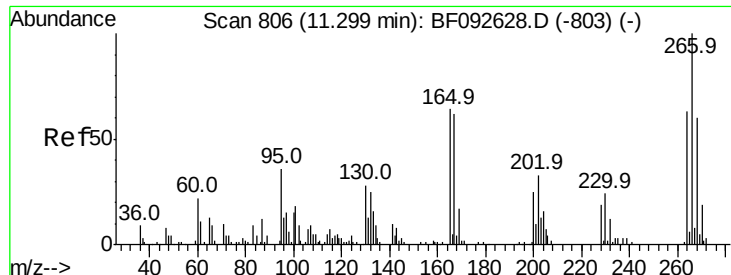
Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	249513		
173	27.9	9.6	49.6	
215	47.9	25.7	65.7	





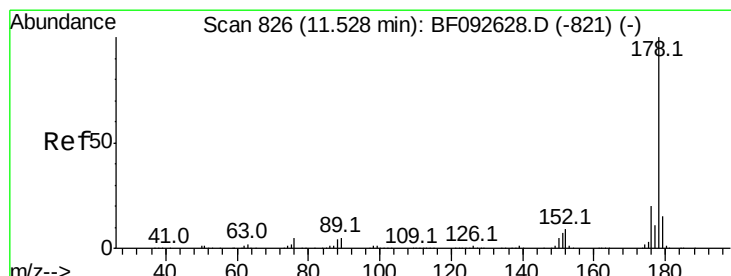
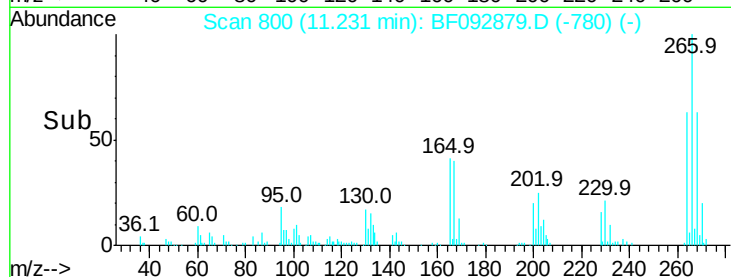
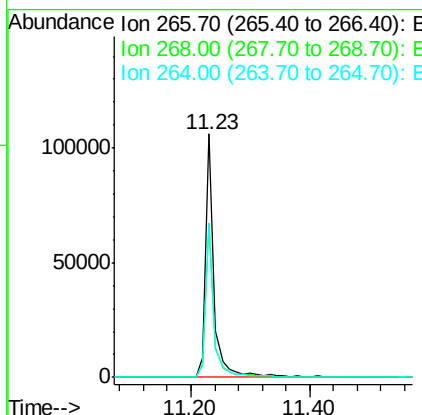
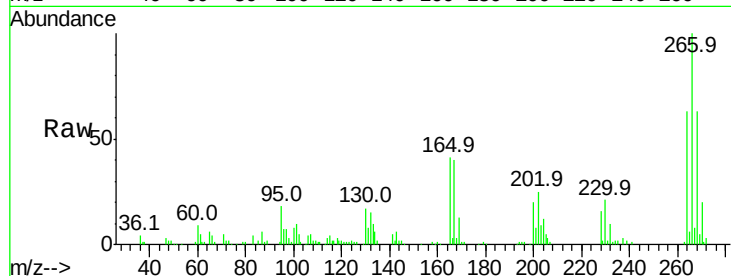
#69
 Pentachlorophenol
 Concen: 39.58 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	108516		
268	63.4		53.3	79.9
264	63.2		50.3	75.5

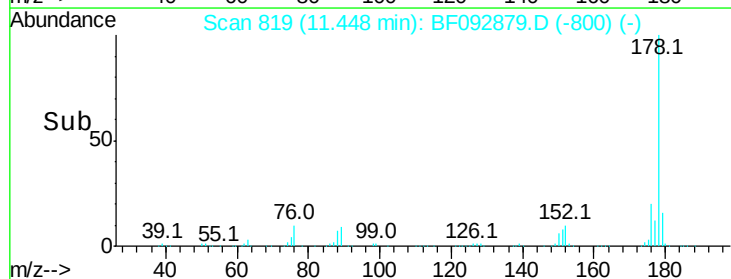
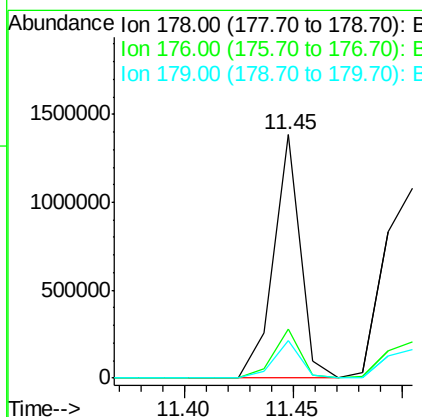
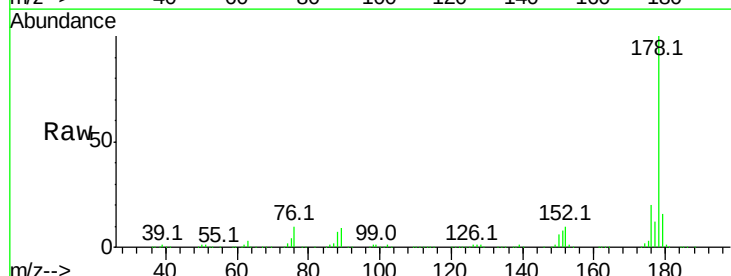
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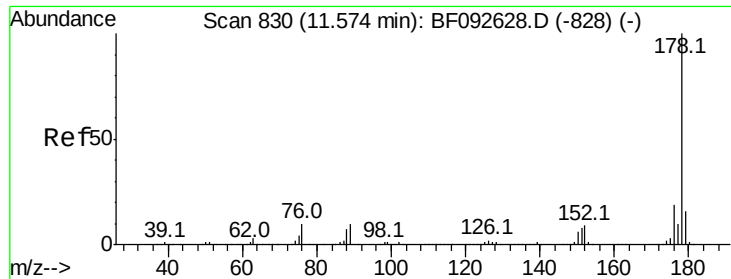
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#70
 Phenanthrene
 Concen: 36.62 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1200610		
176	20.2		16.6	25.0
179	15.6		12.8	19.2





#71
 Anthracene
 Concen: 40.95 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

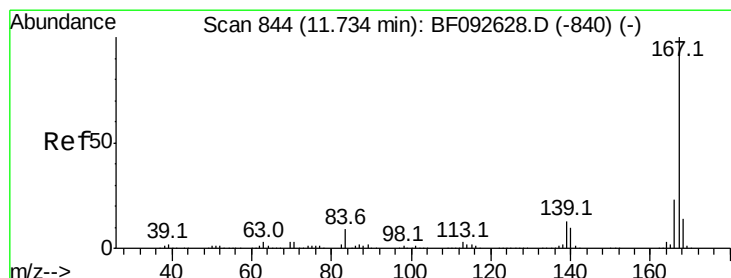
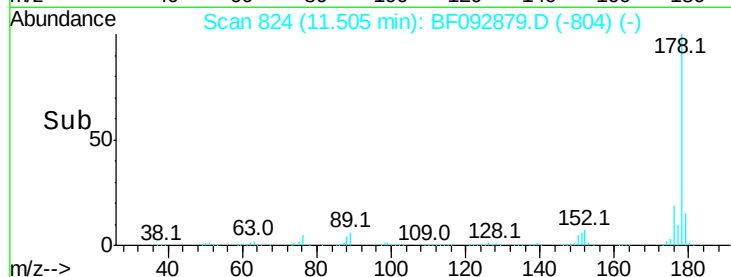
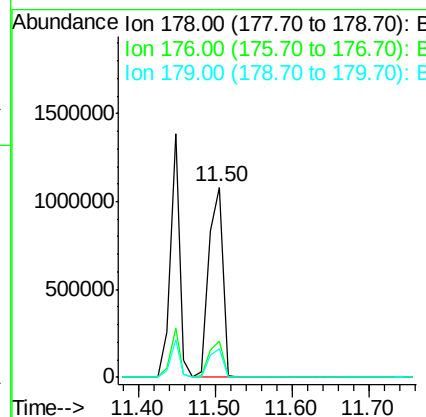
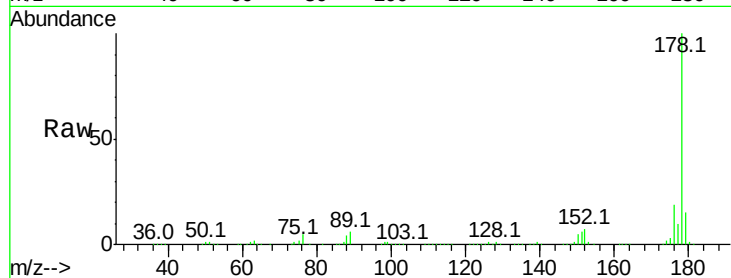
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1348146

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.2	13.2	19.8

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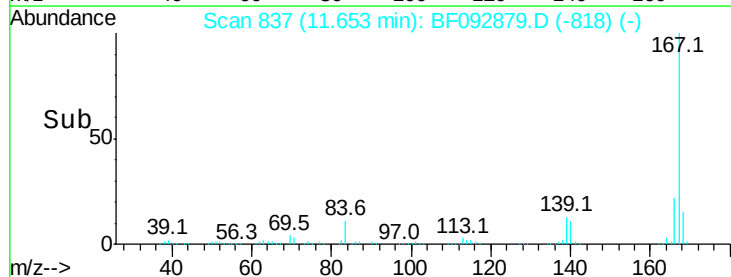
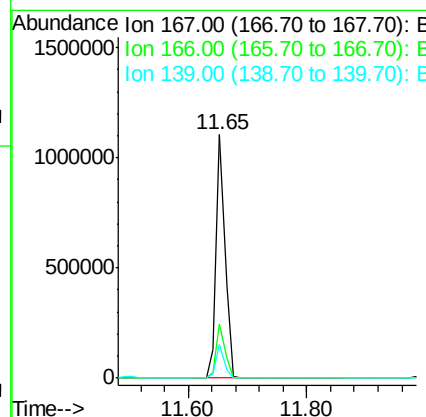
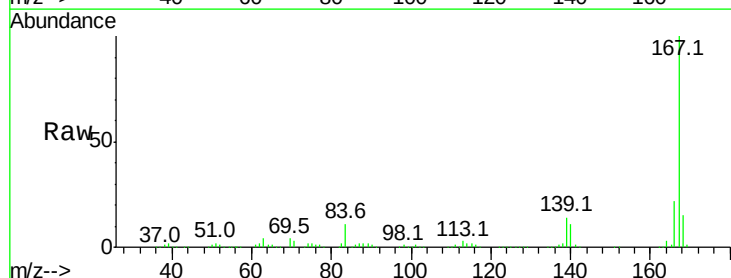
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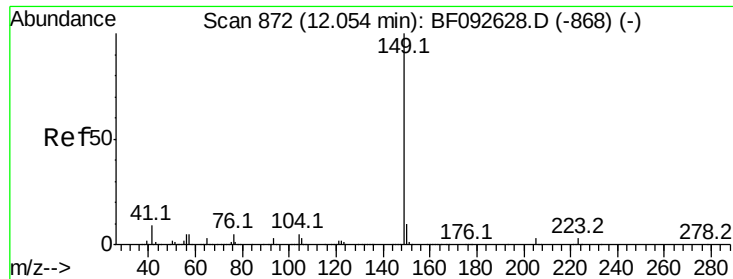


#72
 Carbazole
 Concen: 36.36 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion:167 Resp: 1144329

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 43.79 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Instrument :

BNA_F

ClientSampleId :

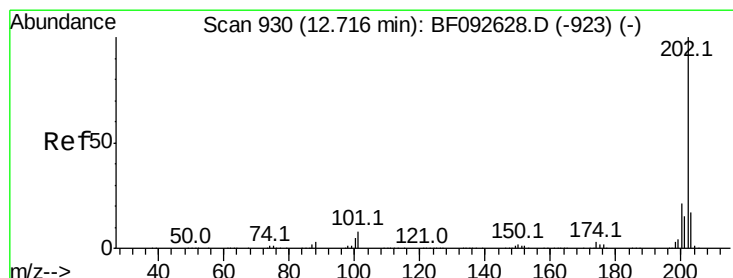
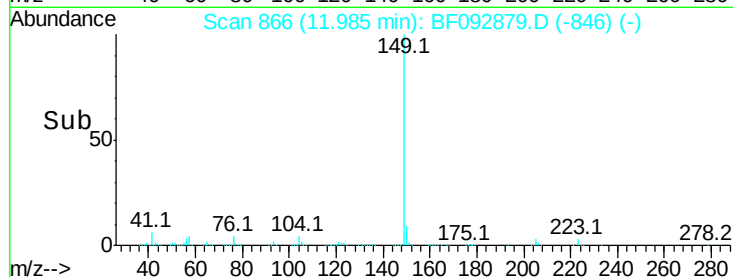
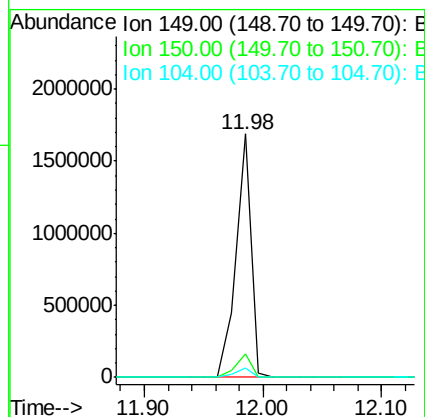
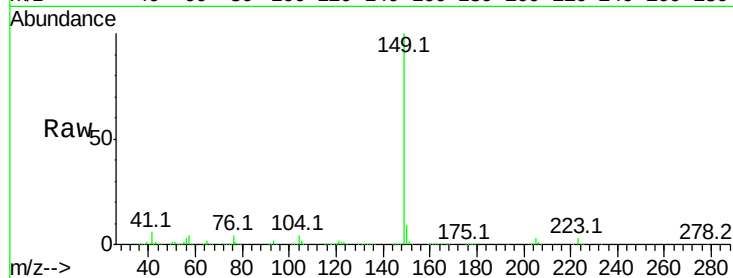
SSTDCCC040

Tot Ion:149 Resp: 1490574

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	3.9	4.6	7.0

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#74

Fluoranthene

Concen: 39.19 ng

RT: 12.64 min Scan# 923

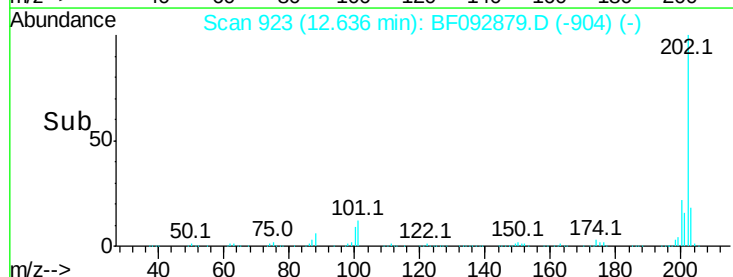
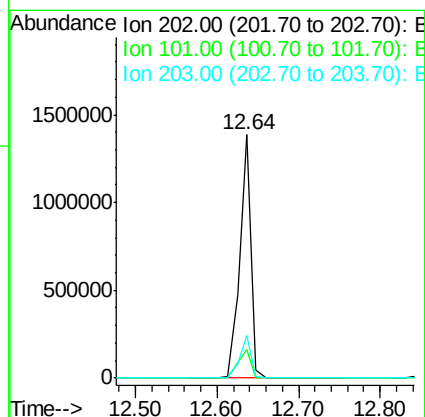
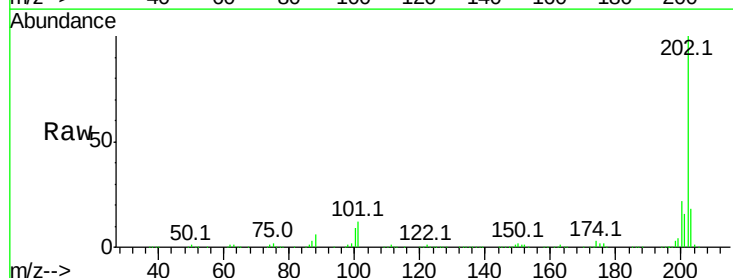
Delta R.T. -0.08 min

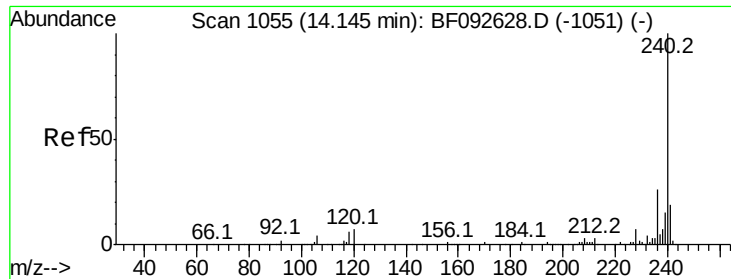
Lab File: BF092879.D

Acq: 9 Feb 2017 10:49

Tgt Ion:202 Resp: 1325495

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.6
203	17.7	0.0	38.7





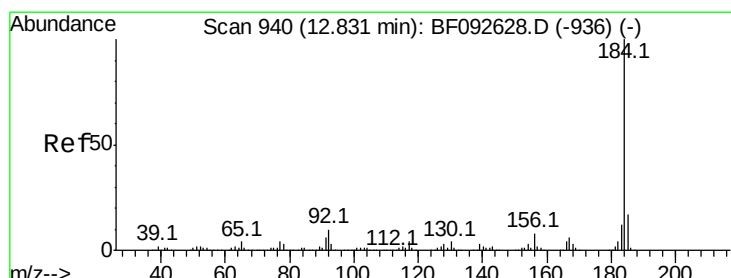
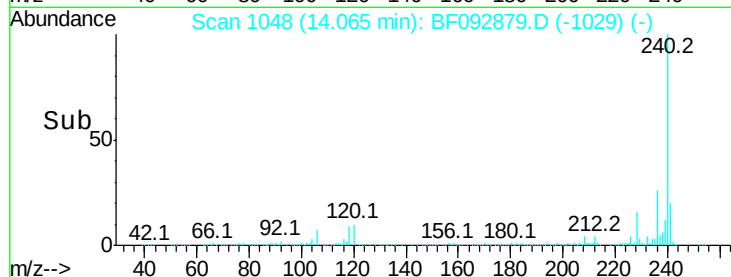
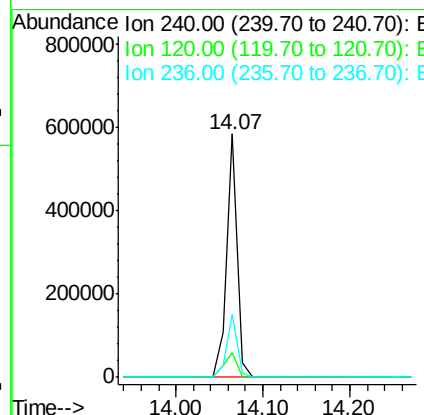
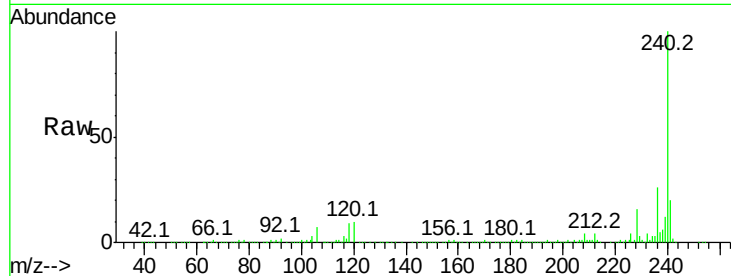
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	25.8	20.9	31.3

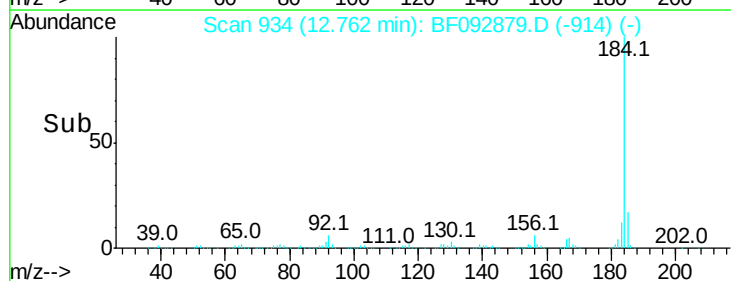
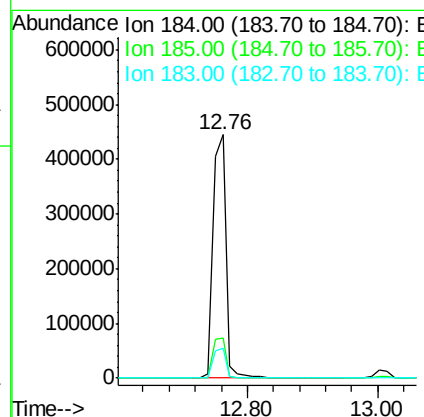
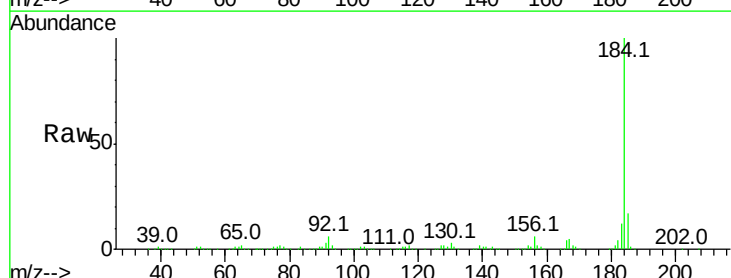
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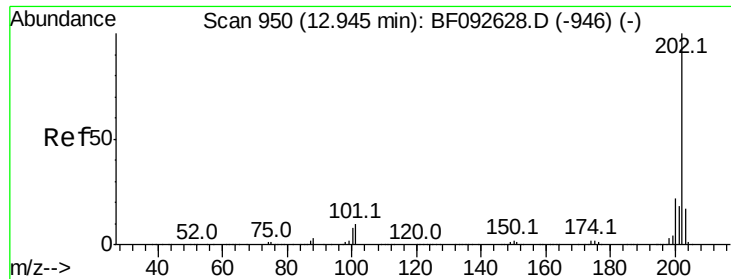
mohammad
 2/10/2017 10:42:26 AM



#76
 Benzidine
 Concen: 29.01 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	12.1	9.2	13.8





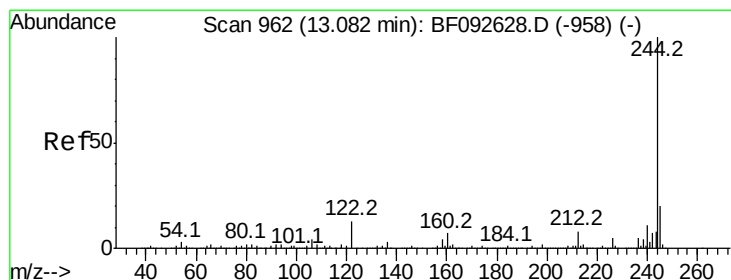
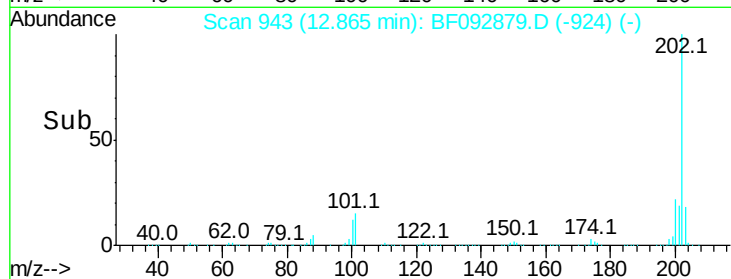
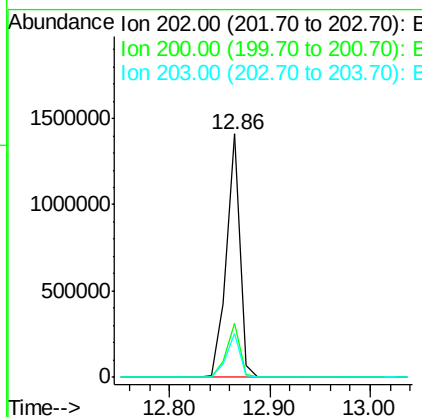
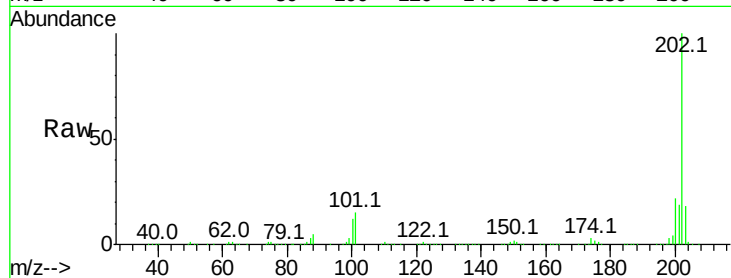
#77
Pvrene
Concen: 35.12 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.08 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.9	14.7	22.1

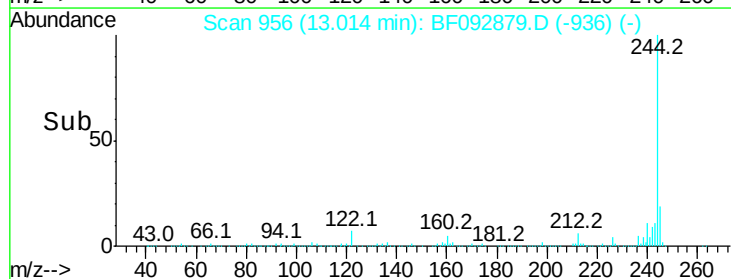
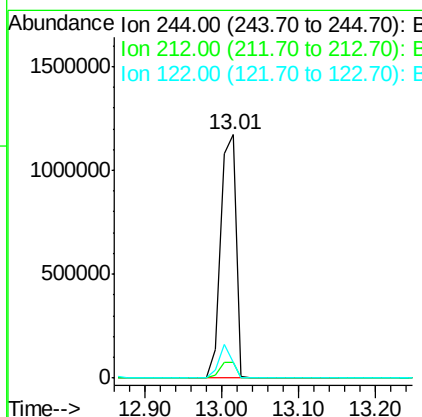
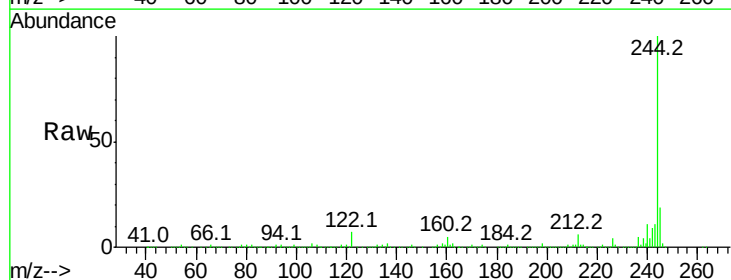
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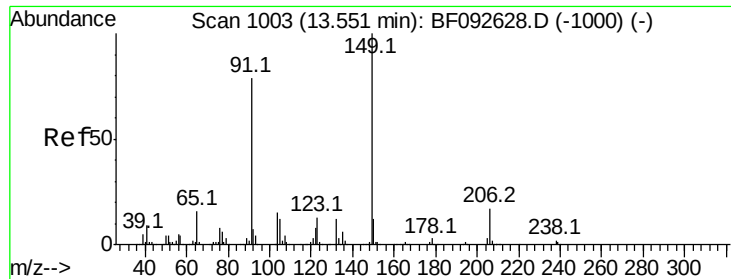
mohammad
2/10/2017 10:42:26 AM



#78
Terphenyl-d14
Concen: 77.20 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	6.6	11.4	17.2#





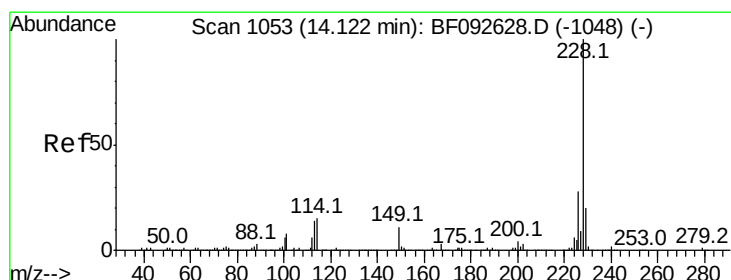
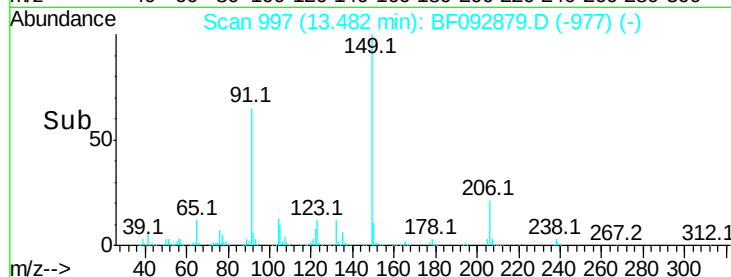
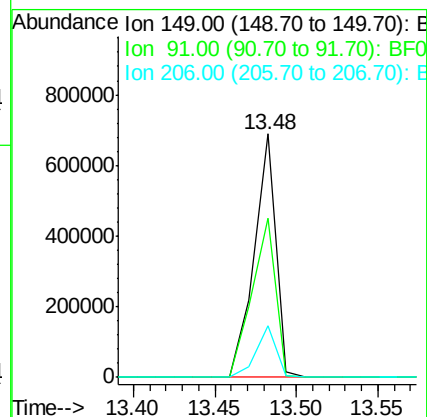
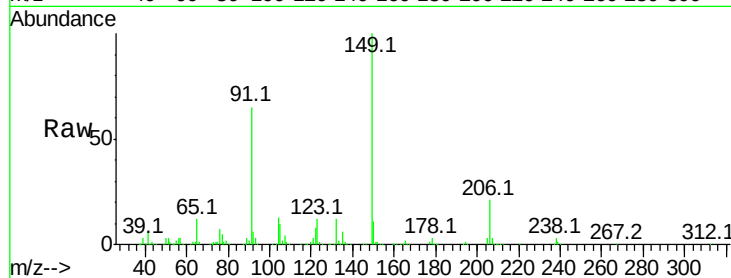
#79
Butylbenzylphthalate
Concen: 41.52 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	63.9	95.9
206	21.1	14.6	21.8

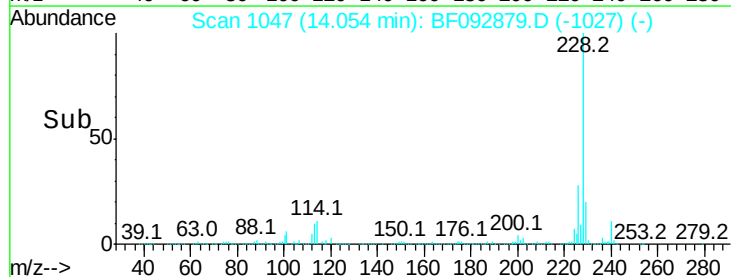
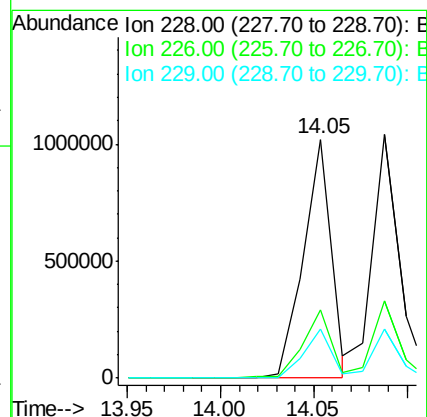
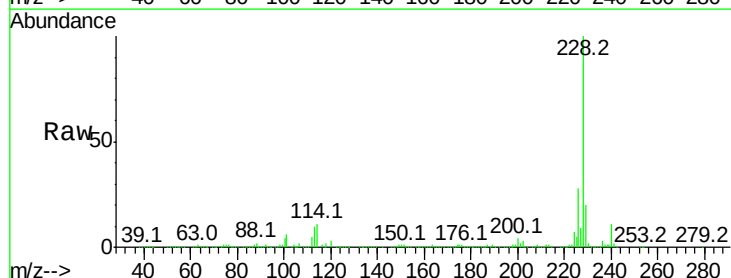
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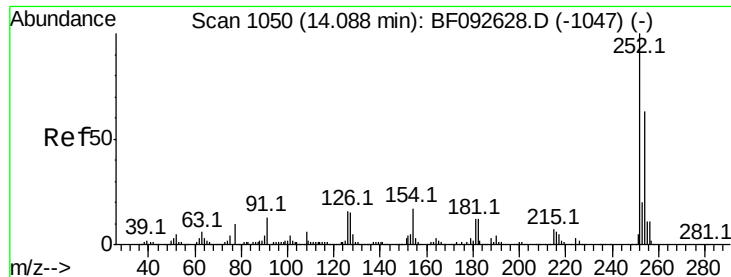
mohammad
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#80
Benzo(a)anthracene
Concen: 34.81 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.3	16.2	24.4





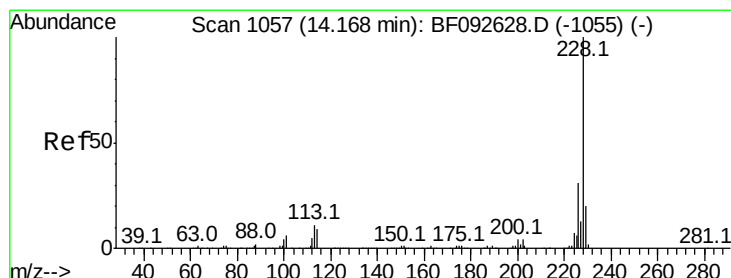
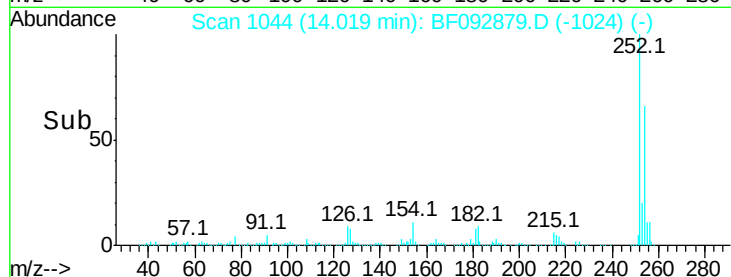
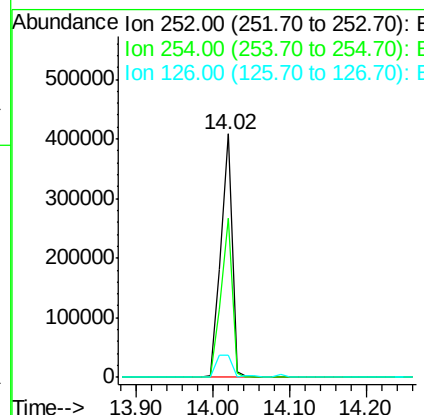
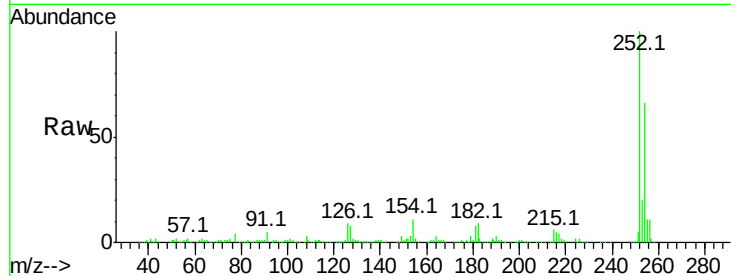
#81
 3,3'-Dichlorobenzidine
 Concen: 37.98 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	8.9	13.6	20.4

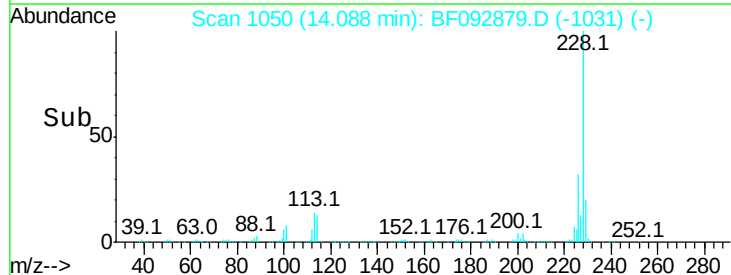
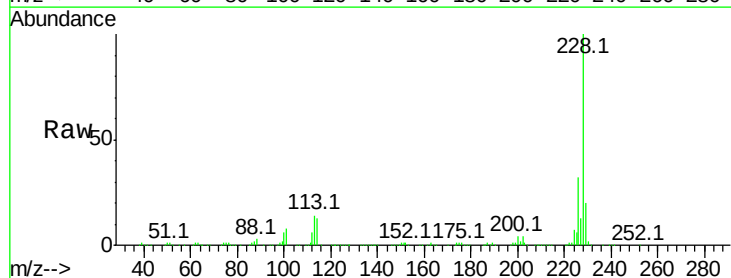
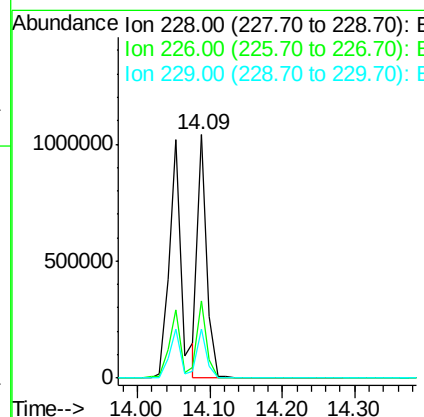
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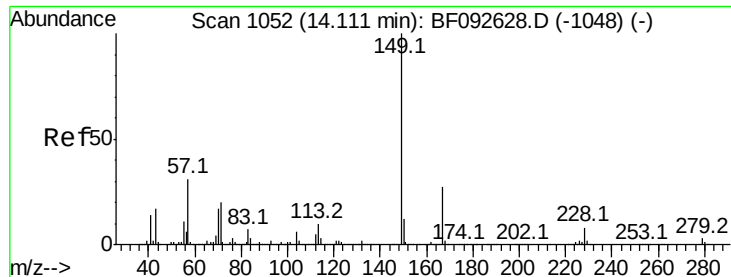
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#82
 Chrysene
 Concen: 31.75 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.2	16.2	24.2





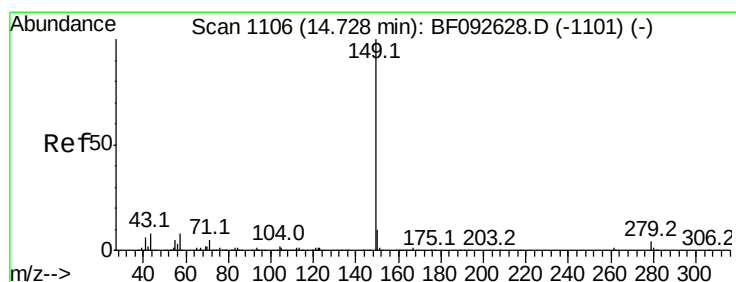
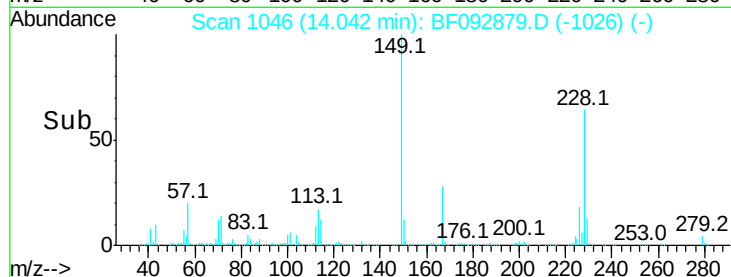
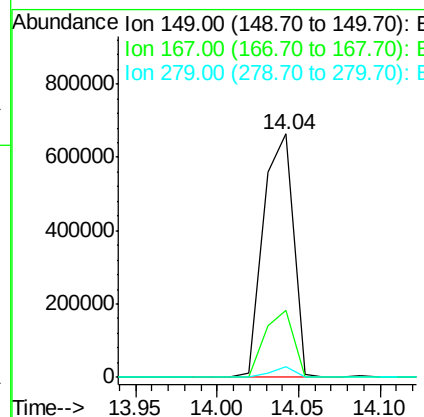
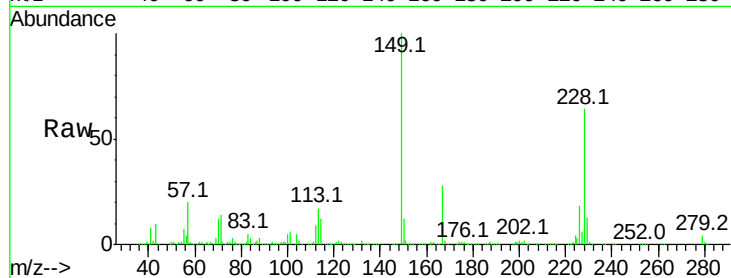
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.99 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	857474		
167	27.7	20.2	30.4	
279	4.5	1.8	2.8#	

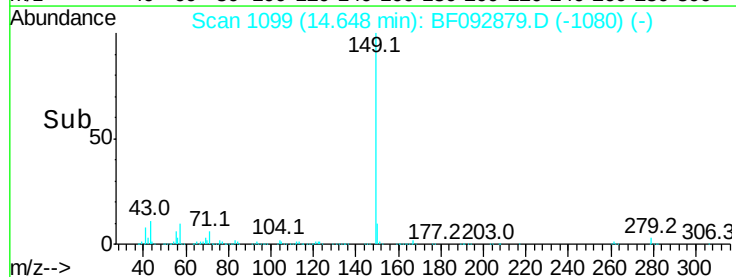
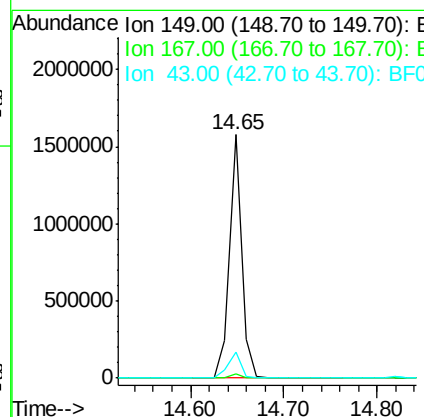
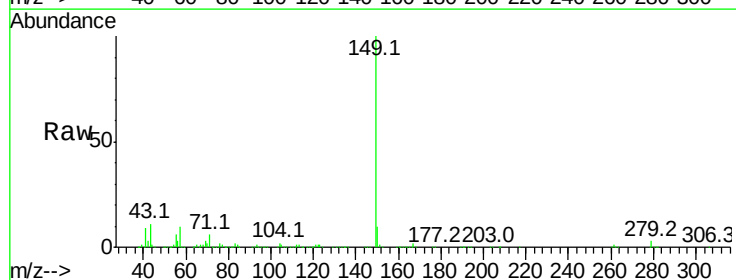
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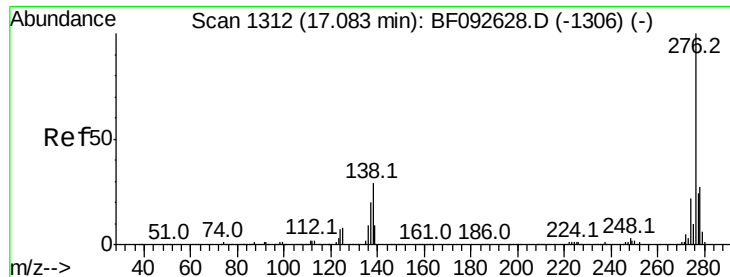
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 42.09 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.08 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1433497		
167	1.5	1.3	1.9	
43	11.2	8.9	13.3	





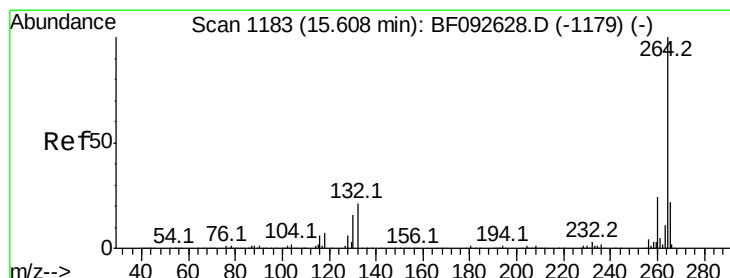
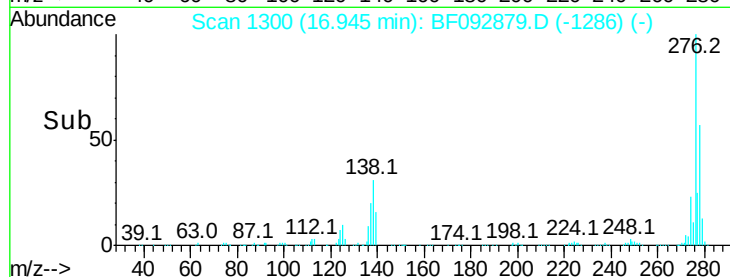
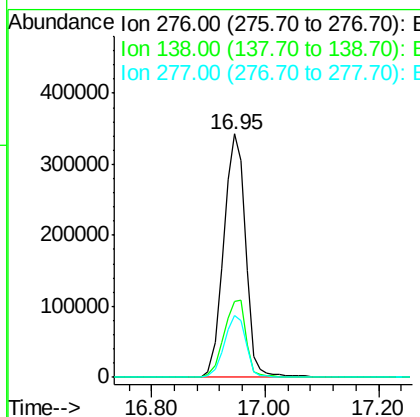
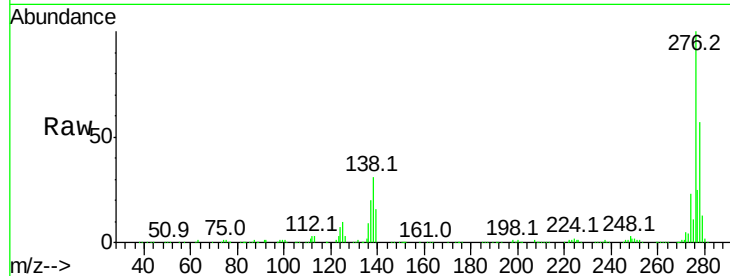
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.75 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.2	20.2	30.4

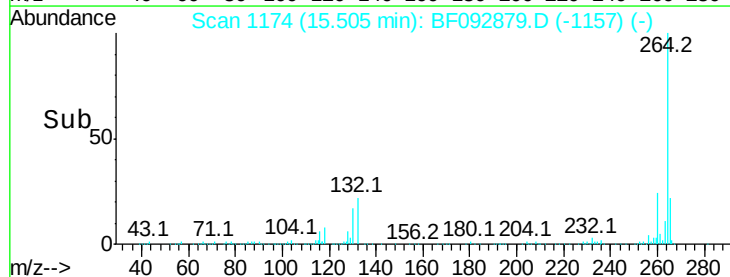
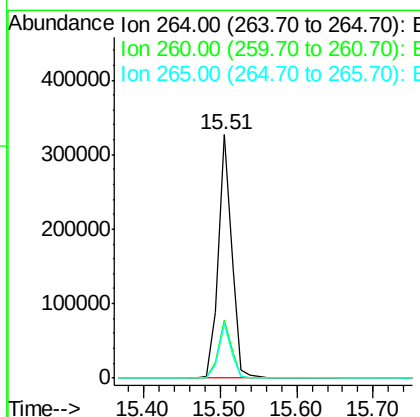
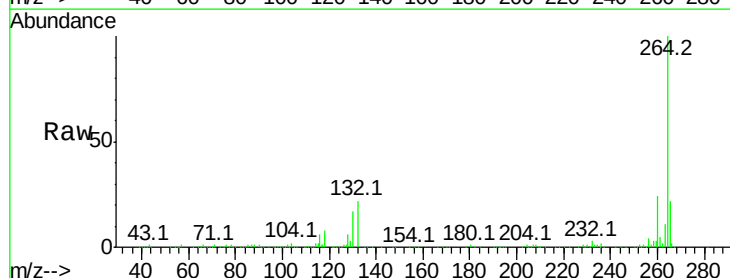
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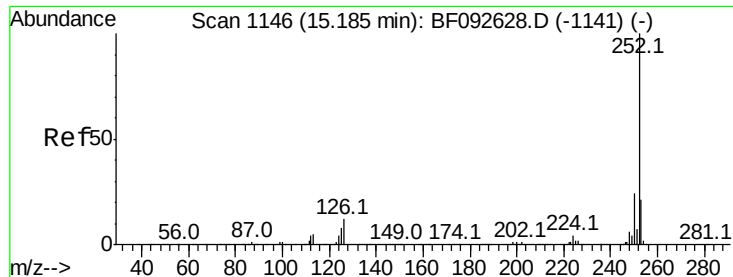
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0





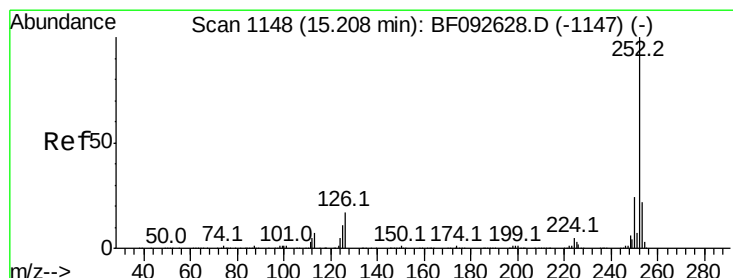
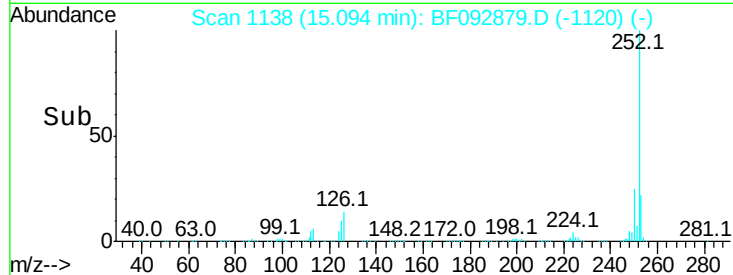
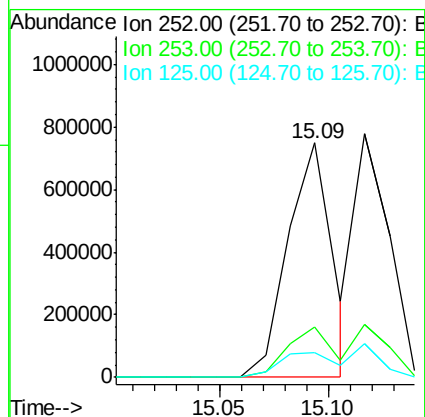
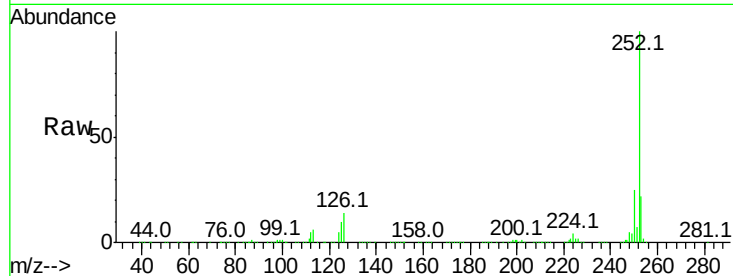
#87
Benzo(b)fluoranthene
Concen: 40.35 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	10.4	9.8	14.6

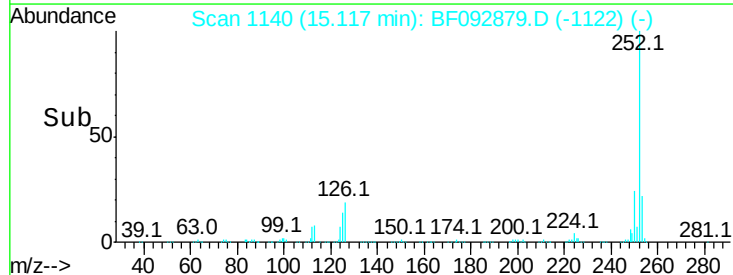
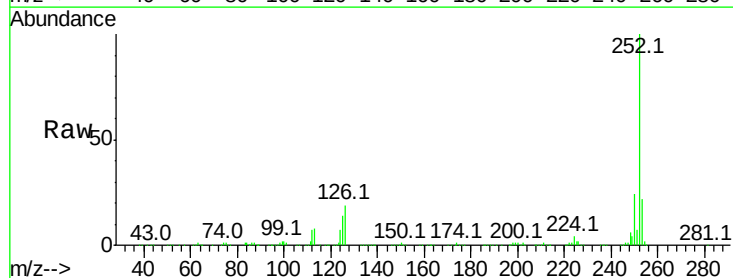
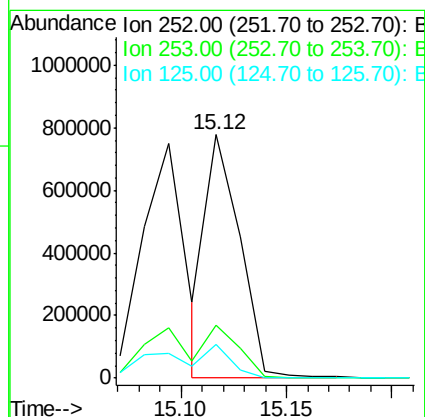
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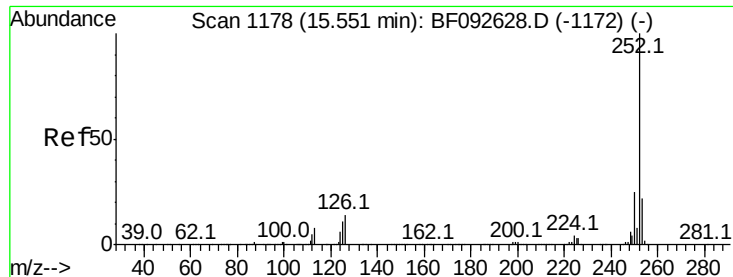
mohammad
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#88
Benzo(k)fluoranthene
Concen: 38.49 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.09 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	13.7	8.9	13.3#





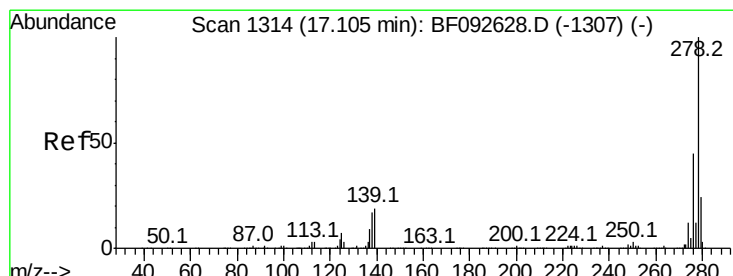
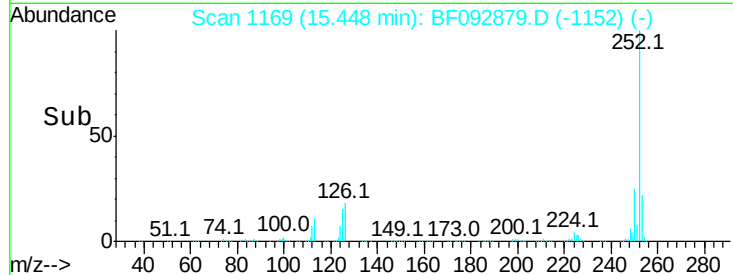
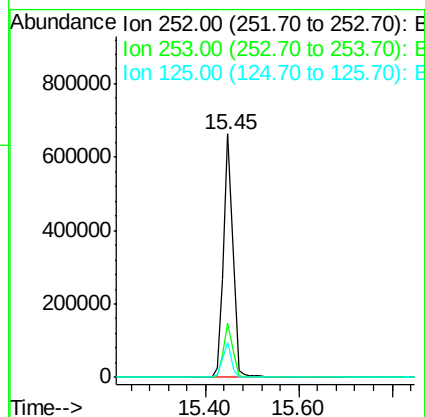
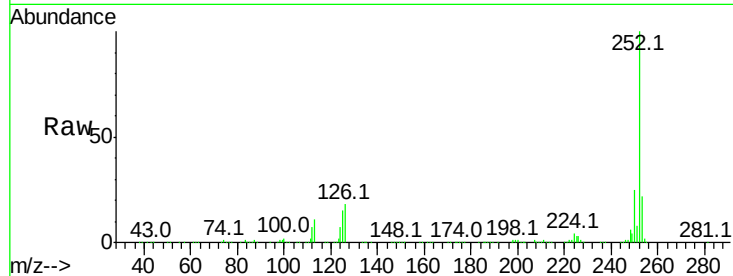
#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.5	10.0	15.0

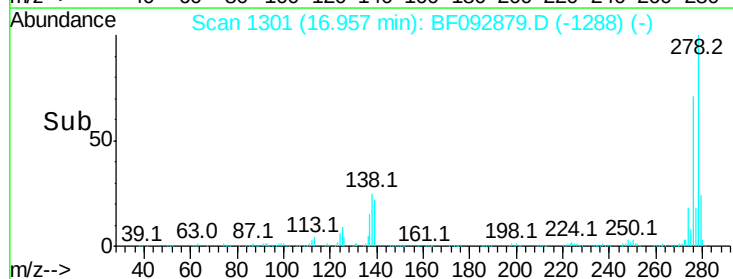
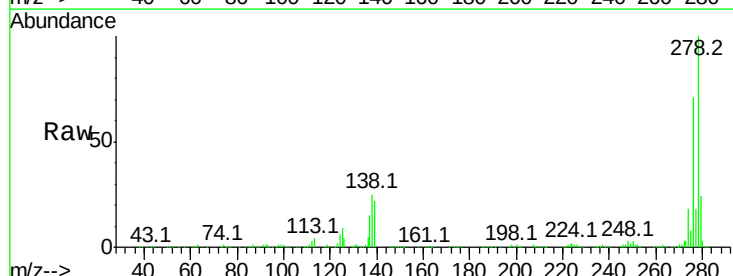
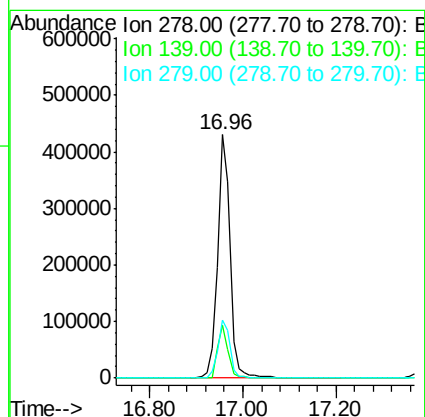
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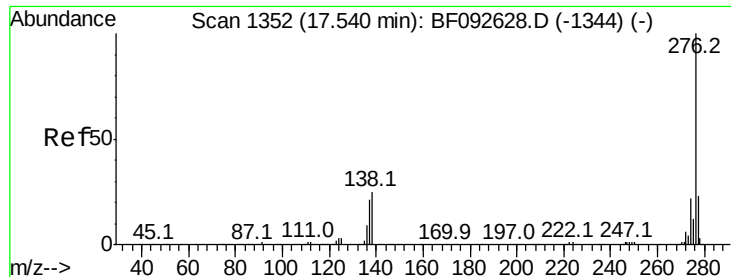
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.43 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092879.D
Acq: 9 Feb 2017 10:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	23.7	19.8	29.6





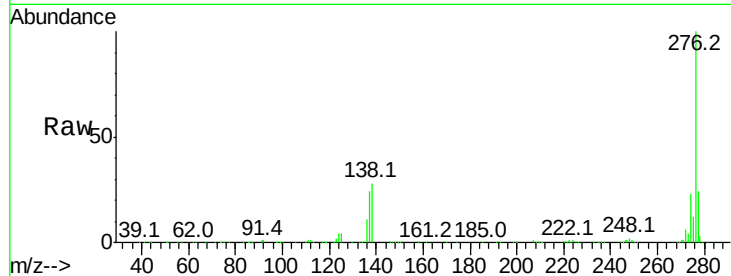
#91
 Benzo(a,h,i)perylene
 Concen: 43.14 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.16 min
 Lab File: BF092879.D
 Acq: 9 Feb 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	19.2	28.8
138	27.9	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

