

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092923.D
 Acq On : 13 Feb 2017 17:34
 Operator : SJ/MA
 Sample : PB96881BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:16 AM

Quant Time: Feb 14 00:54:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141642	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	570838	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	312954	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	525114	20.00	ng	0.00
75) Chrysene-d12	14.04	240	460502	20.00	ng	-0.01
86) Perylene-d12	15.48	264	425697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	991335	120.07	ng	0.01
7) Phenol-d6	6.53	99	1394711	131.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	808649	78.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	303227	133.97	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1389504	80.44	ng	0.00
78) Terphenyl-d14	12.99	244	1351969	68.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	148353	33.25	ng	87
3) Pyridine	3.29	79	370997	32.71	ng	88
4) n-Nitrosodimethylamine	3.24	42	206012	38.68	ng	82
6) Aniline	6.54	93	287089	19.81	ng	99
8) 2-Chlorophenol	6.67	128	365806	40.16	ng	95
9) Benzaldehyde	6.43	77	99971	13.14	ng	95
10) Phenol	6.54	94	471344	37.92	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	386776	38.99	ng	97
12) 1,3-Dichlorobenzene	6.82	146	385001m	36.09	ng	
13) 1,4-Dichlorobenzene	6.90	146	401399	37.18	ng	98
14) 1,2-Dichlorobenzene	7.06	146	384946m	37.28	ng	
15) Benzyl Alcohol	7.02	79	307056	39.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	638151	37.03	ng	93
17) 2-Methylphenol	7.15	107	330431	42.29	ng	94
18) Hexachloroethane	7.39	117	135577	36.78	ng	# 87
19) n-Nitroso-di-n-propylamine	7.30	70	251621	37.21	ng	96
20) 3+4-Methylphenols	7.30	107	374384	40.07	ng	# 85
22) Acetophenone	7.30	105	495663	38.03	ng	# 93
24) Nitrobenzene	7.47	77	417126	39.63	ng	94
25) Isophorone	7.71	82	746679	39.09	ng	99
26) 2-Nitrophenol	7.79	139	218026	43.57	ng	# 83
27) 2,4-Dimethylphenol	7.82	122	332086	37.79	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	452391	35.76	ng	97
29) 2,4-Dichlorophenol	8.03	162	338092	41.25	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	335840	38.03	ng	96
31) Naphthalene	8.19	128	1072327	37.06	ng	99
32) Benzoic acid	7.95	122	142541	31.52	ng	98
33) 4-Chloroaniline	8.24	127	164956	14.54	ng	96
34) Hexachlorobutadiene	8.30	225	169933	34.97	ng	98
35) Caprolactam	8.60	113	106568	41.34	ng	# 35
36) 4-Chloro-3-methylphenol	8.73	107	354634	41.51	ng	98
37) 2-Methylnaphthalene	8.88	142	697776	37.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	333405	37.95	ng	99
40) Hexachlorocyclopentadiene	9.04	237	207035	52.24	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244745	42.40	ng	95
43) 2,4,5-Trichlorophenol	9.21	196	232105	36.70	ng #	83
45) 1,1'-Biphenyl	9.34	154	911652	40.23	ng	99
46) 2-Chloronaphthalene	9.37	162	700490	39.51	ng	98
47) 2-Nitroaniline	9.47	65	239096	40.11	ng #	73
48) Acenaphthylene	9.78	152	1068640	34.90	ng	99
49) Dimethylphthalate	9.64	163	783770	37.18	ng	98
50) 2,6-Dinitrotoluene	9.71	165	198087	43.51	ng	96
51) Acenaphthene	9.95	154	686083	37.47	ng	96
52) 3-Nitroaniline	9.87	138	110657	21.24	ng	90
53) 2,4-Dinitrophenol	9.98	184	168554	73.21	ng #	64
54) Dibenzofuran	10.12	168	940453	38.40	ng	98
55) 4-Nitrophenol	10.05	139	315233	84.01	ng #	72
56) 2,4-Dinitrotoluene	10.11	165	225435	37.20	ng	98
57) Fluorene	10.46	166	672596	35.70	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	193538	45.87	ng	95
59) Diethylphthalate	10.34	149	758080	38.16	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	335388	37.05	ng #	73
61) 4-Nitroaniline	10.49	138	192163	36.01	ng	92
62) Azobenzene	10.62	77	866624	42.23	ng	86
64) 4,6-Dinitro-2-methylphenol	10.52	198	136626	43.04	ng	82
65) n-Nitrosodiphenylamine	10.58	169	620910	37.01	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	192955	35.17	ng	92
67) Hexachlorobenzene	11.01	284	196759	36.29	ng #	86
68) Atrazine	11.10	200	184955	34.36	ng	99
69) Pentachlorophenol	11.21	266	214211	76.85	ng	97
70) Phenanthrene	11.42	178	1049527	34.89	ng	99
71) Anthracene	11.48	178	1174215	38.87	ng	98
72) Carbazole	11.64	167	1063237	36.82	ng #	97
73) Di-n-butylphthalate	11.96	149	1145566	36.68	ng #	97
74) Fluoranthene	12.61	202	1049278	33.81	ng	98
76) Benzidine	12.74	184	298582	15.22	ng	97
77) Pyrene	12.84	202	1084390	31.47	ng	99
79) Butylbenzylphthalate	13.46	149	496728	35.49	ng	98
80) Benzo(a)anthracene	14.03	228	968635	34.39	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	231230	23.03	ng #	96
82) Chrysene	14.07	228	862940	32.72	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	716846	37.45	ng #	97
84) Di-n-octyl phthalate	14.63	149	1224209	39.28	ng	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	954870	46.75	ng	95
87) Benzo(b)fluoranthene	15.07	252	1070589m	38.21	ng	
88) Benzo(k)fluoranthene	15.09	252	794211m	32.83	ng	
89) Benzo(a)pyrene	15.43	252	907635	37.45	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	794137	40.54	ng	98
91) Benzo(g,h,i)perylene	17.33	276	812549	41.06	ng #	89

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

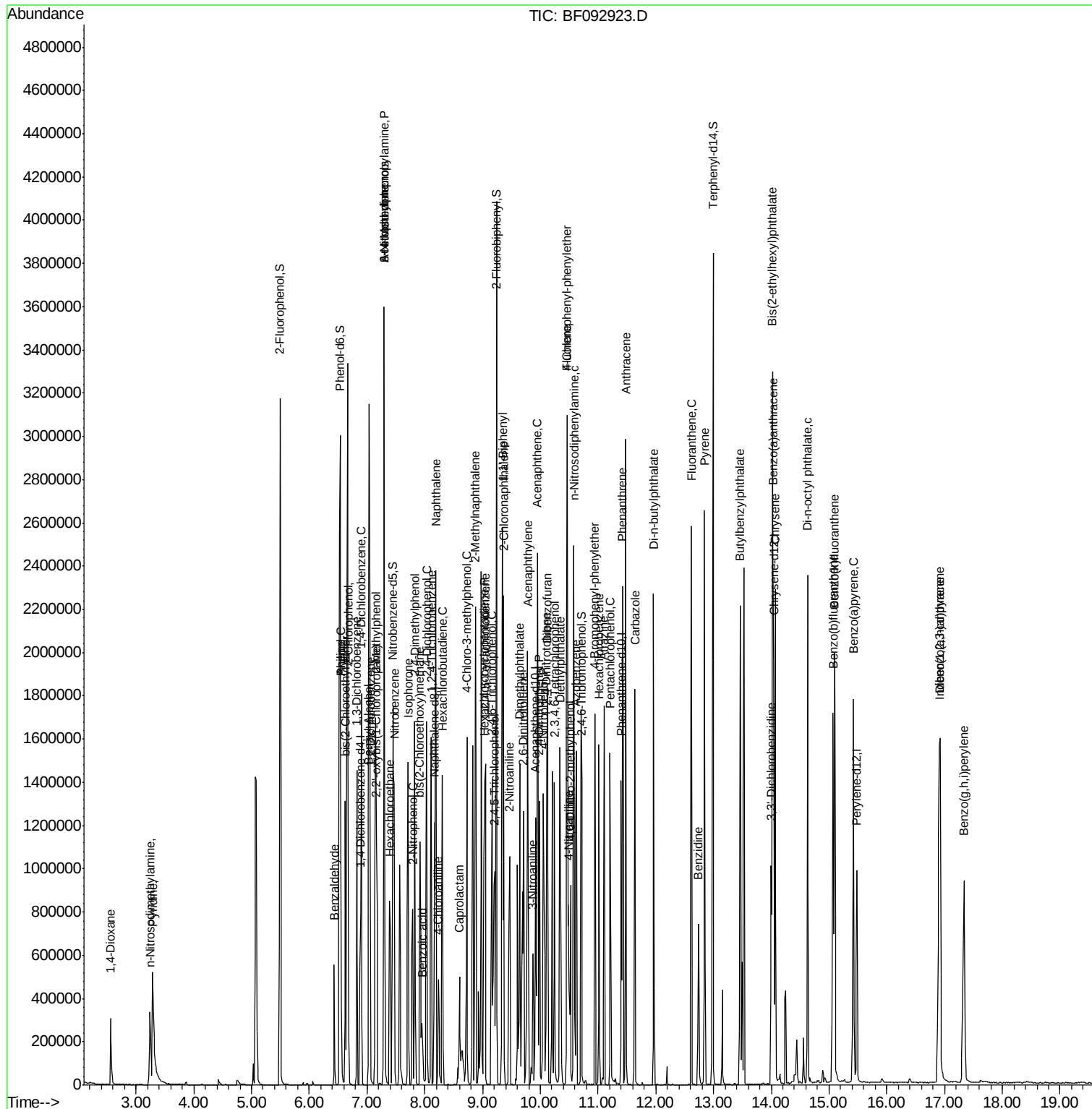
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
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ALS Vial : 8 Sample Multiplier: 1

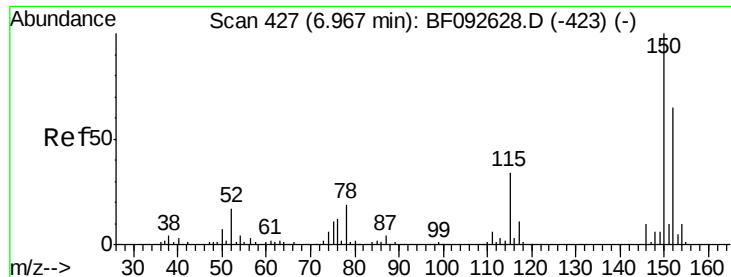
Instrument :
BNA_F
ClientSampleId :
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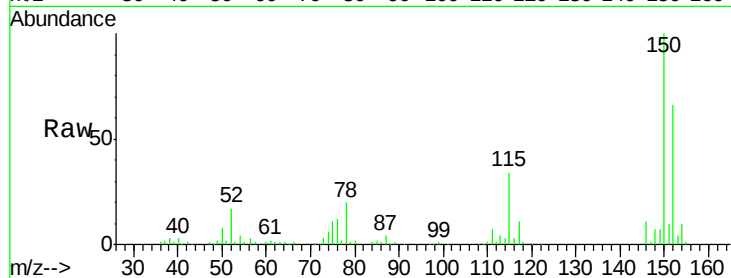
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

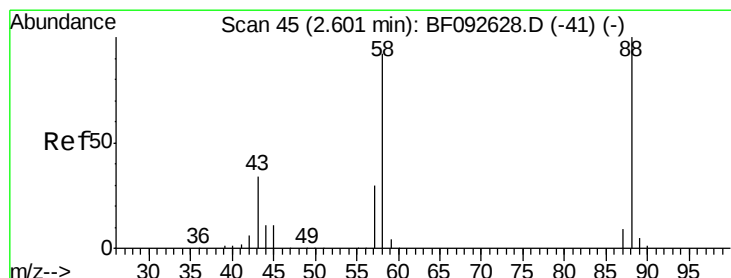
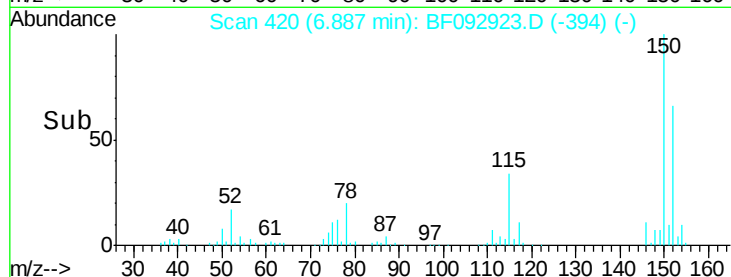
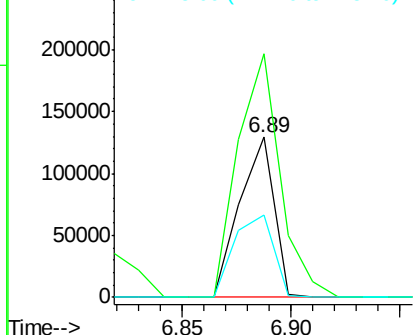
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.9	187.3
115	51.1	46.0	69.0

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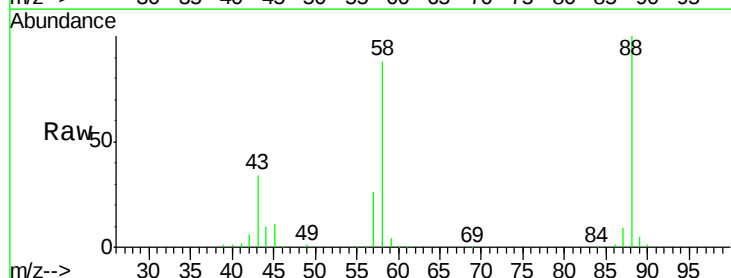
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



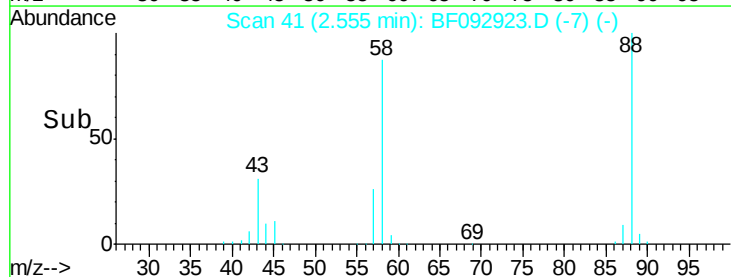
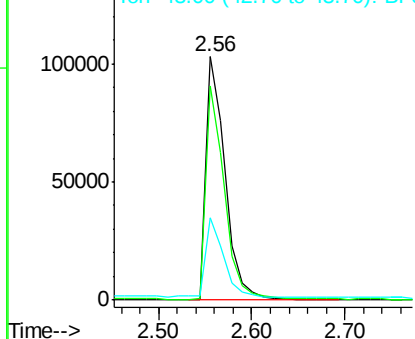
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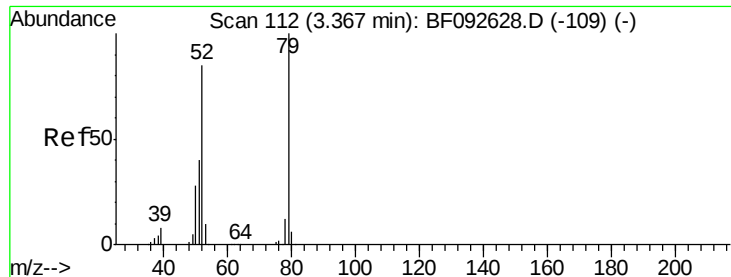
1,4-Dioxane
Concen: 33.25 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.09 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	57.8	86.8
43	30.9	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.71 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

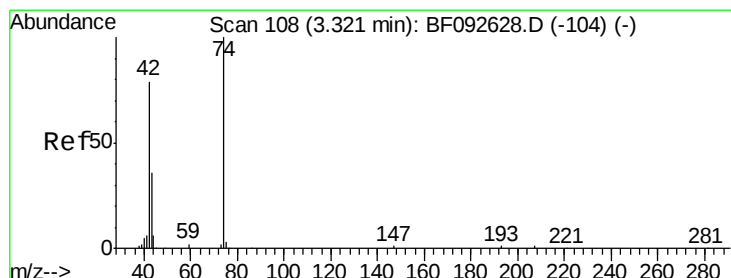
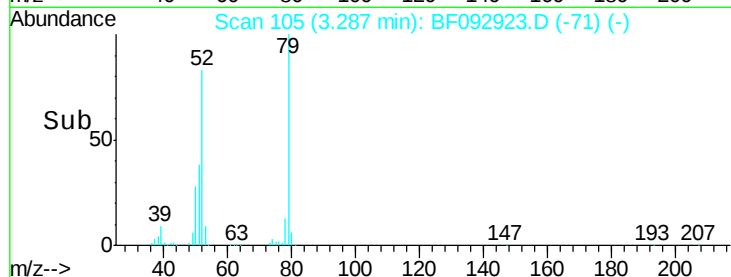
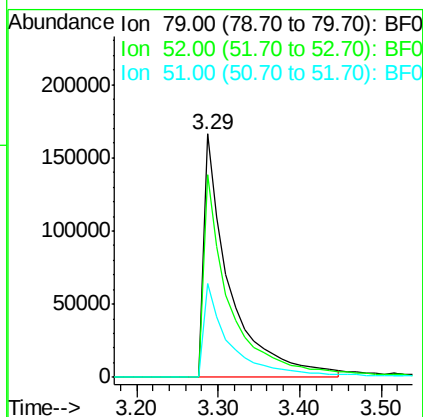
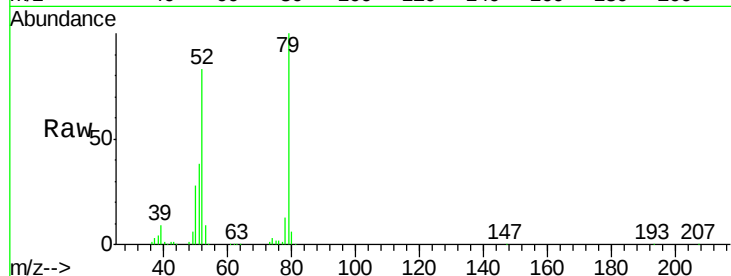
ClientSampleId :

PB96881BS

Tgt Ion:	79	Resp:	370997
Ion Ratio	Lower	Upper	
79	100		
52	83.2	57.1	85.7
51	38.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.68 ng

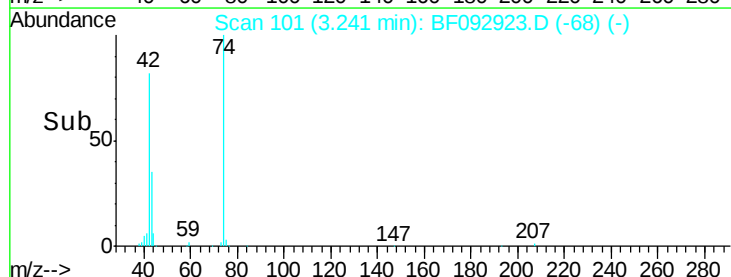
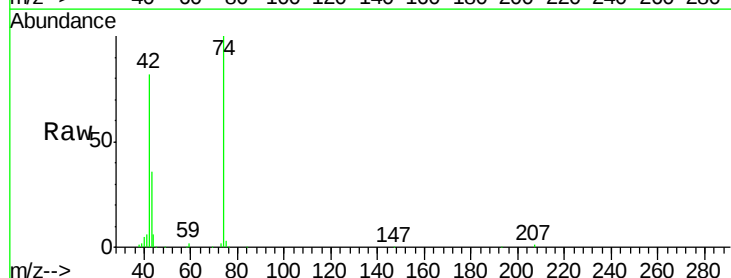
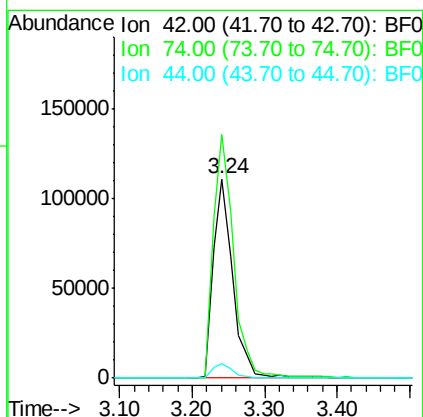
RT: 3.24 min Scan# 101

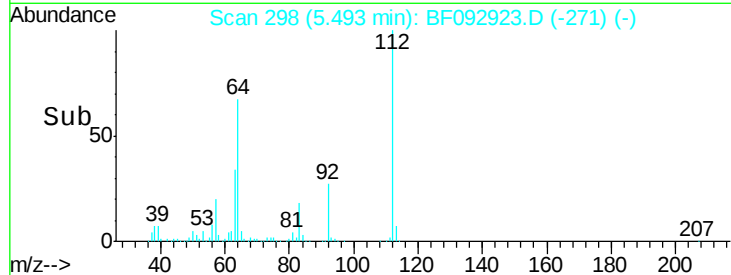
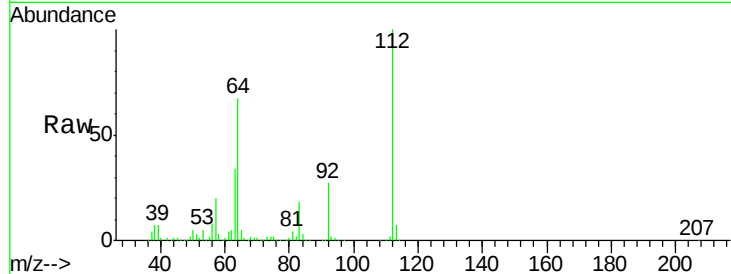
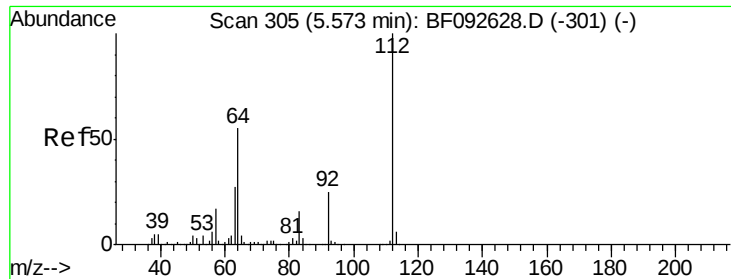
Delta R.T. 0.08 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	42	Resp:	206012
Ion Ratio	Lower	Upper	
42	100		
74	122.3	117.0	175.4
44	7.5	5.5	8.3





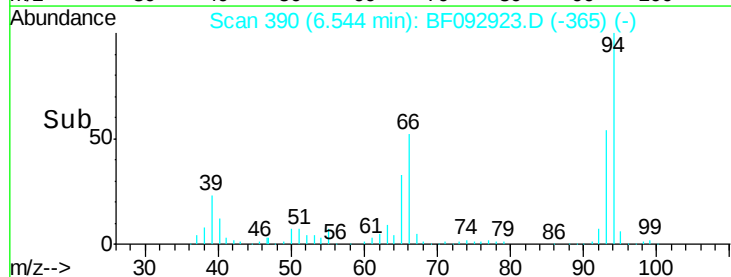
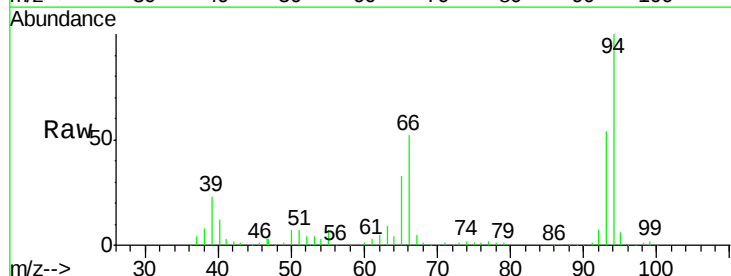
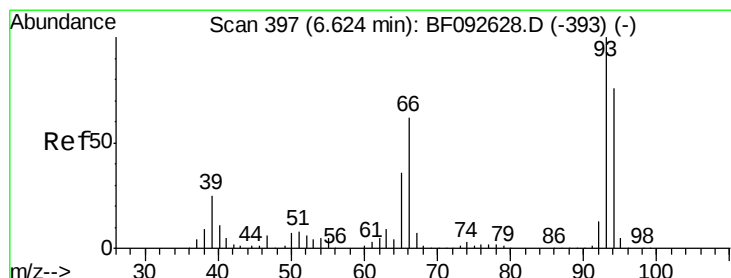
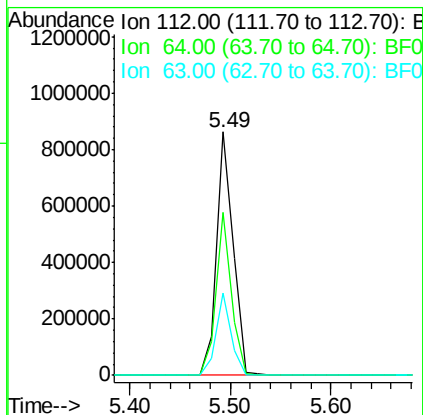
#5
2-Fluorophenol
Concen: 120.07 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	991335		
64	66.7	46.1	69.1	
63	33.7	23.8	35.6	

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ClientSampleId :
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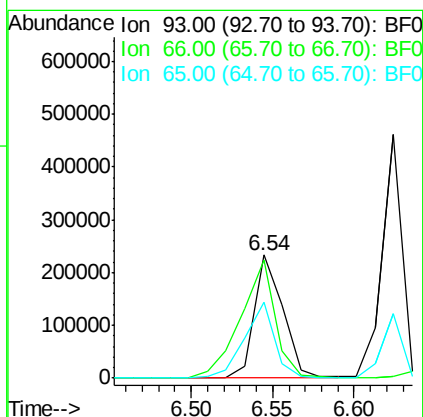
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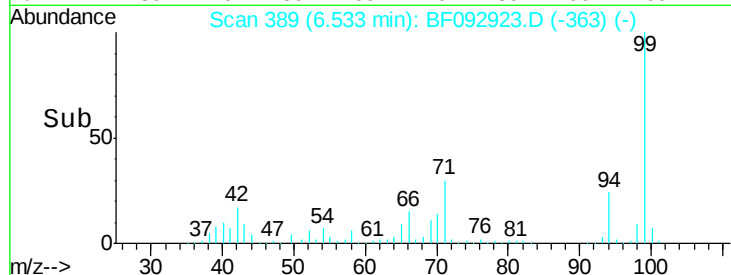
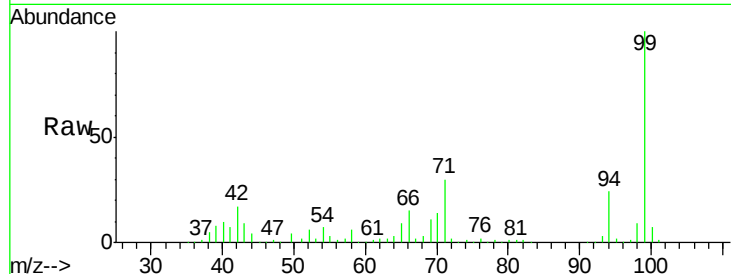
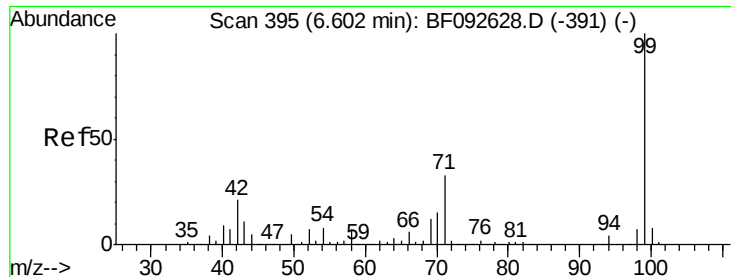
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#6
Aniline
Concen: 19.81 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	287089		
66	96.3	76.2	114.2	
65	62.1	49.3	73.9	





#7

Phenol-d6

Concen: 131.29 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	99	Resp:	1394711
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	29.7	27.5	41.3

Instrument :

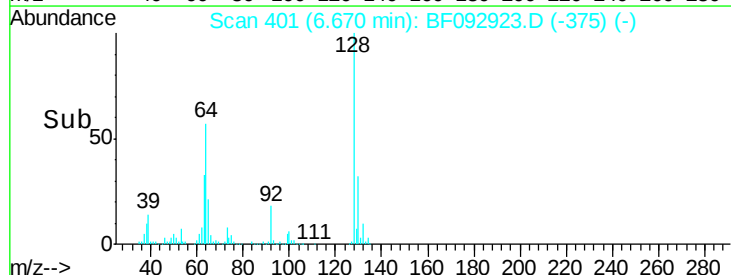
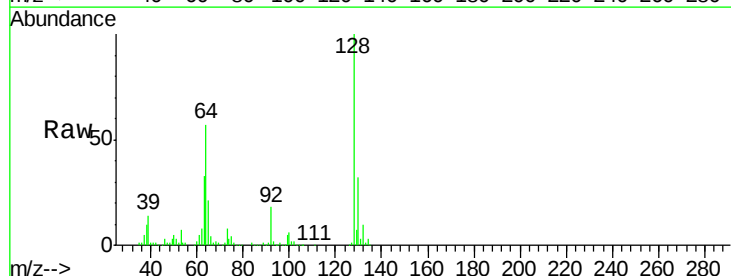
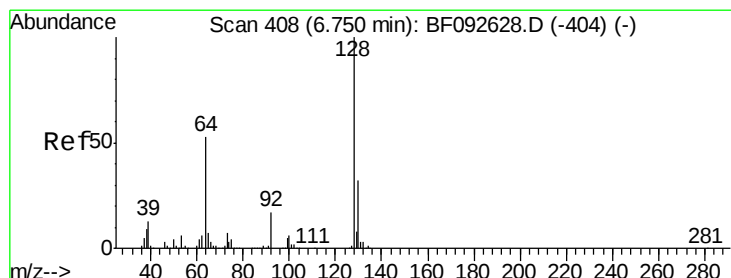
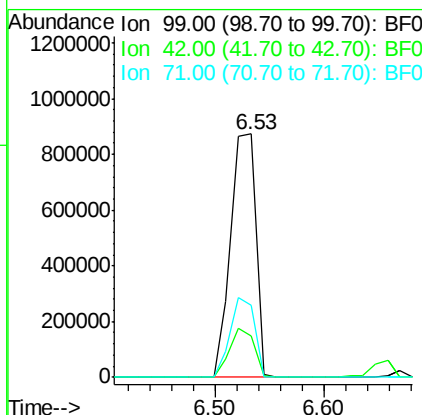
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ClientSampled :

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#8

2-Chlorophenol

Concen: 40.16 ng

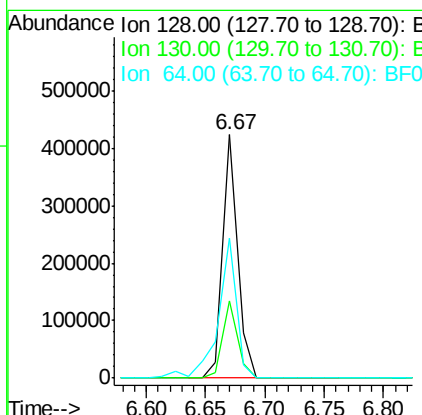
RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	128	Resp:	365806
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	57.4	32.2	72.2





#9

Benzaldehyde

Concen: 13.14 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

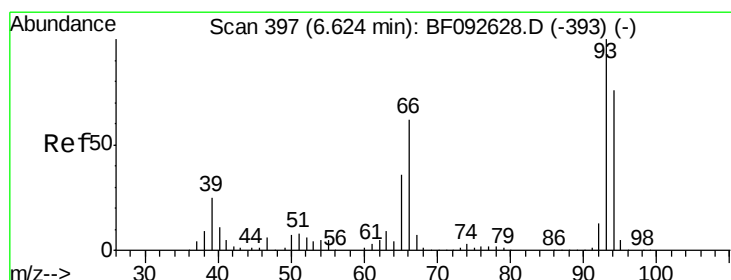
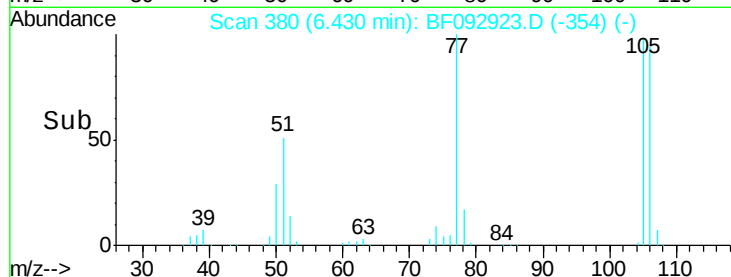
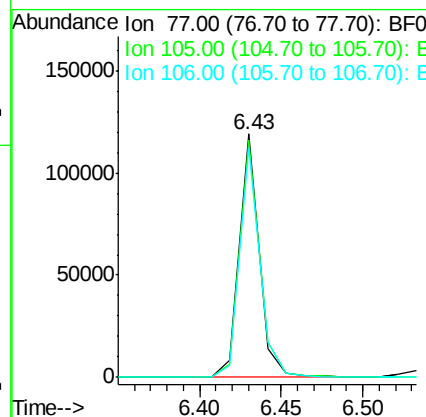
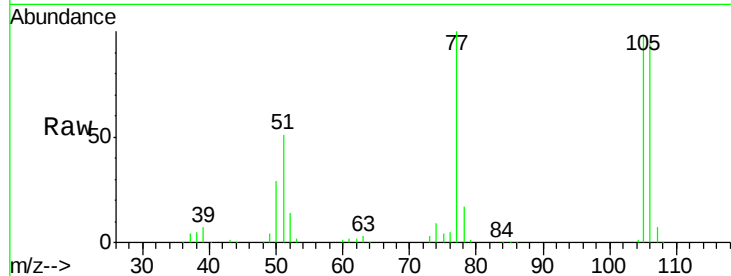
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Tgt Ion:	77	Resp:	99971
Ion	Ratio	Lower	Upper
77	100		
105	97.6	83.9	123.9
106	94.2	77.6	117.6

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#10

Phenol

Concen: 37.92 ng

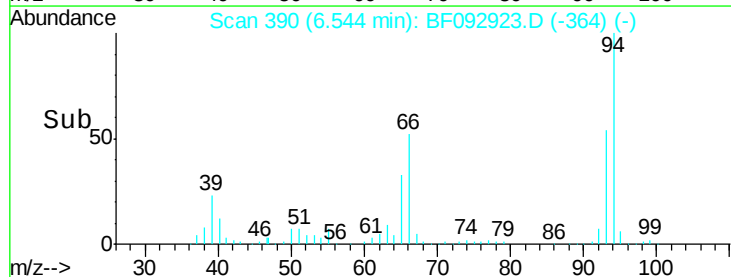
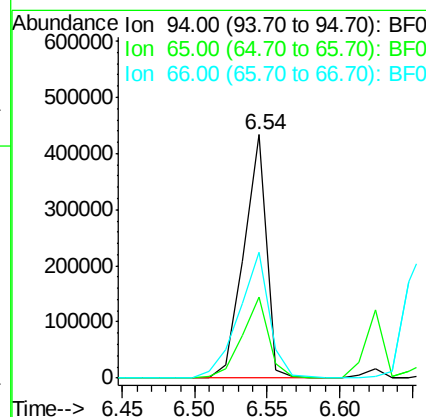
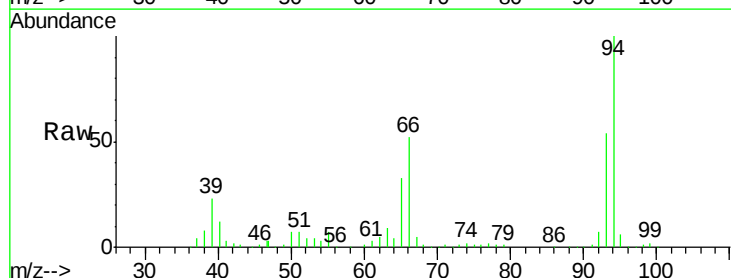
RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	94	Resp:	471344
Ion	Ratio	Lower	Upper
94	100		
65	33.3	21.4	61.4
66	51.7	44.0	84.0





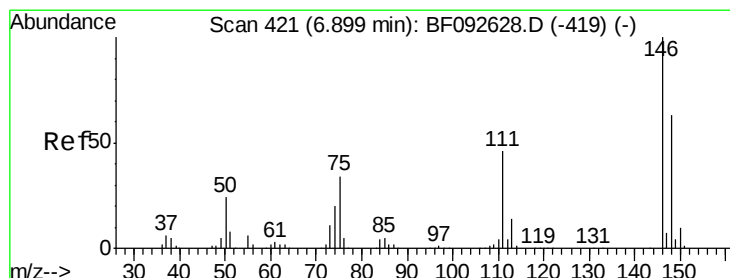
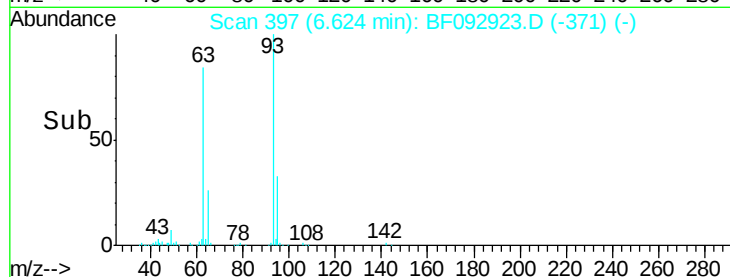
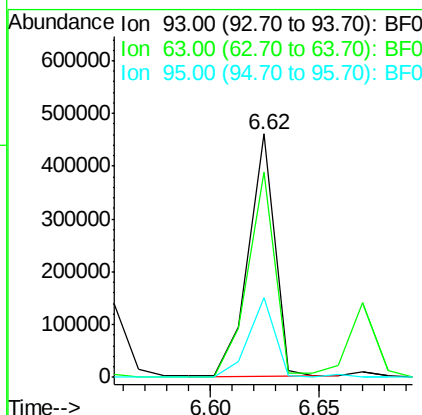
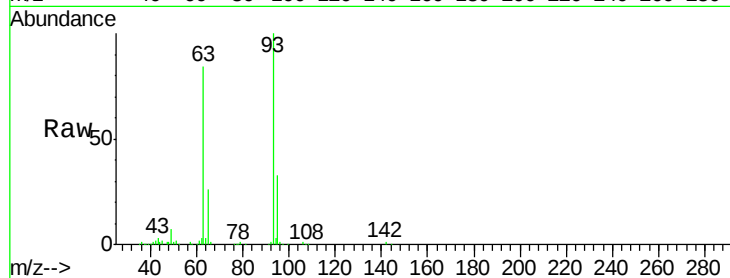
#11
bis(2-Chloroethyl)ether
Concen: 38.99 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.1	60.4	100.4
95	32.6	12.8	52.8

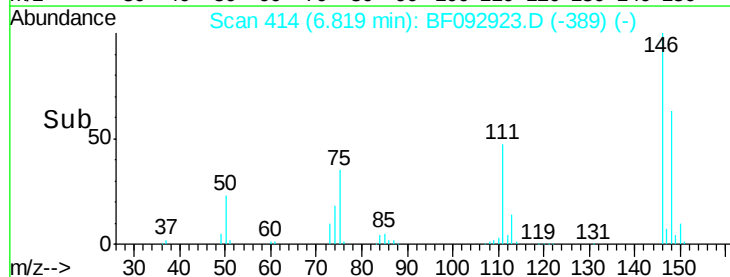
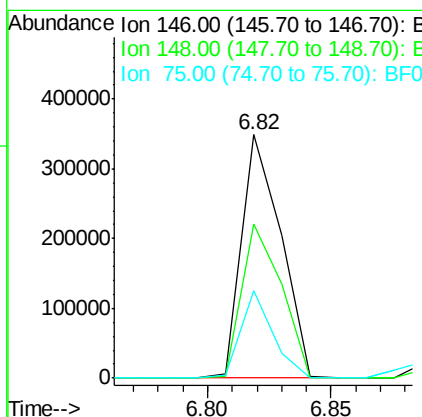
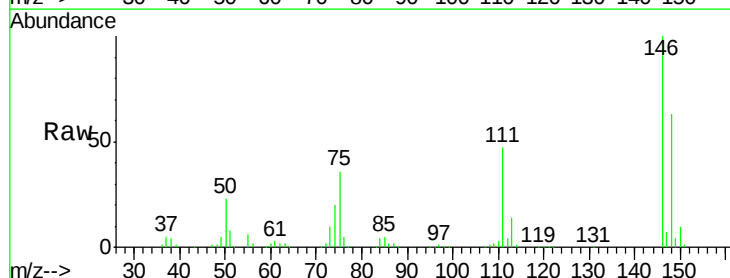
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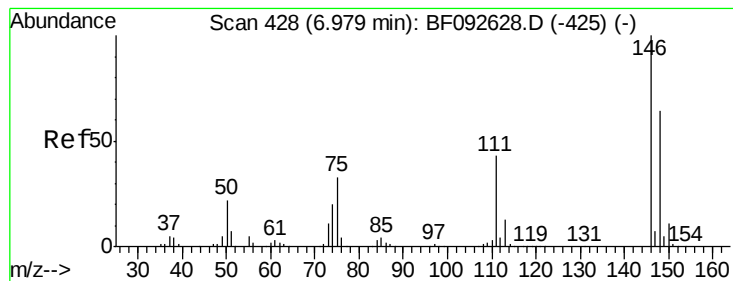
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.09 ng m
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.4	80.0
75	36.0	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 37.18 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

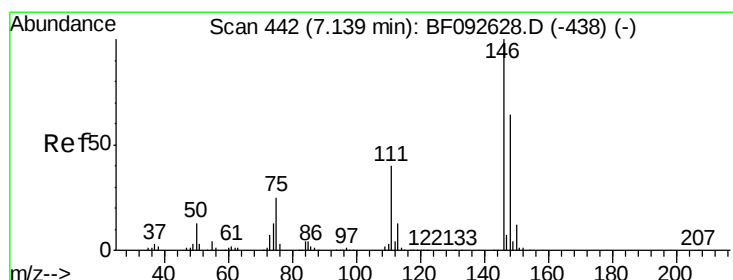
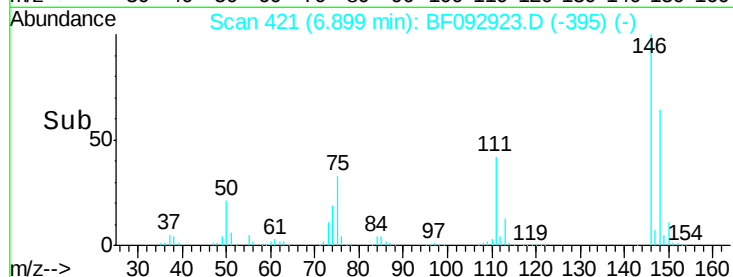
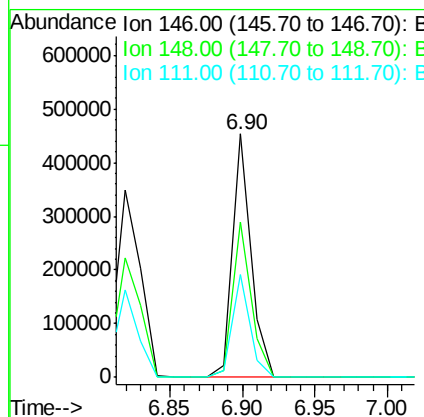
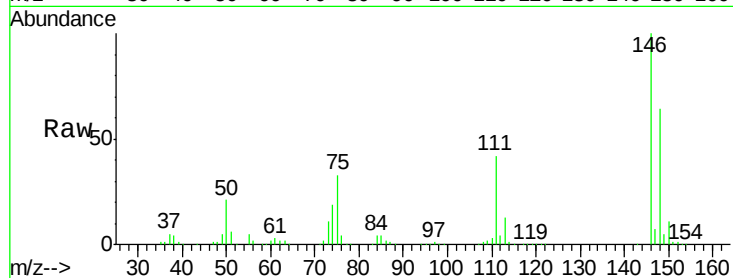
ClientSampleId :

PB96881BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	42.2	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 37.28 ng m

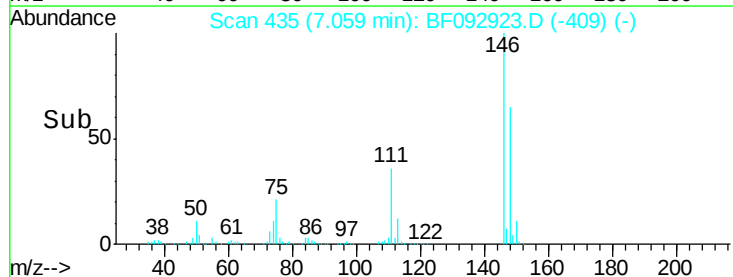
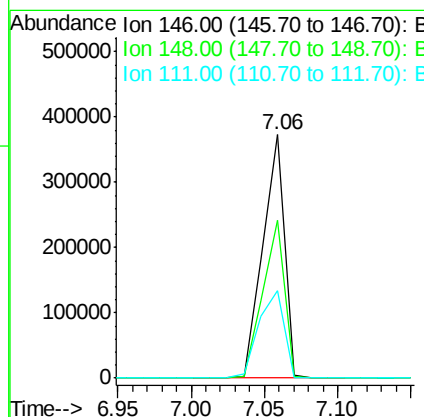
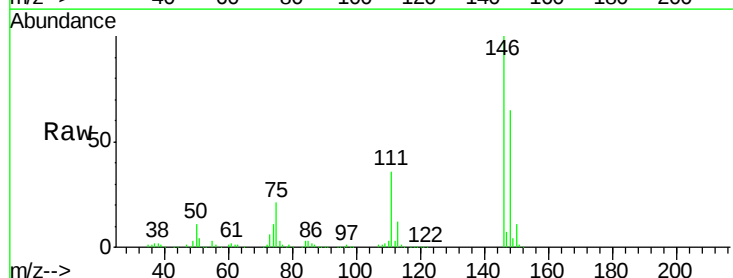
RT: 7.06 min Scan# 435

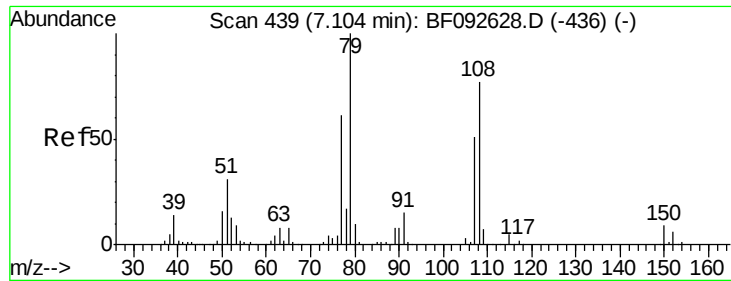
Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	36.2	36.2	54.2#





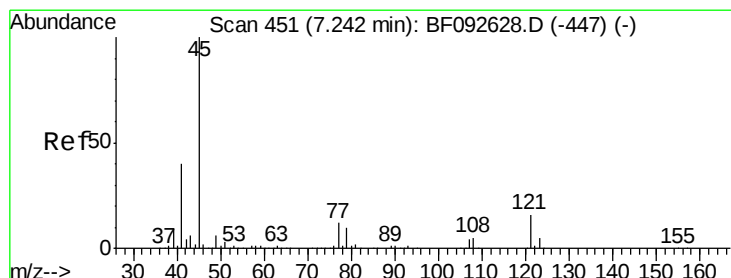
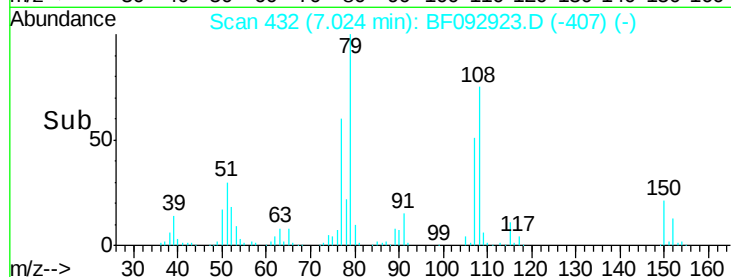
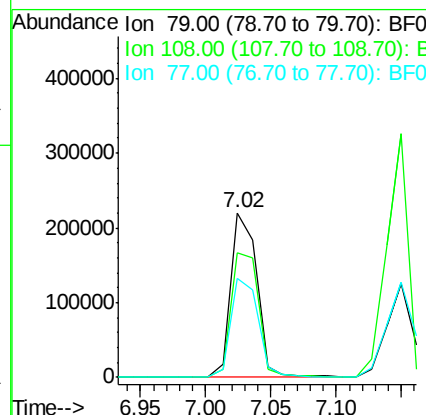
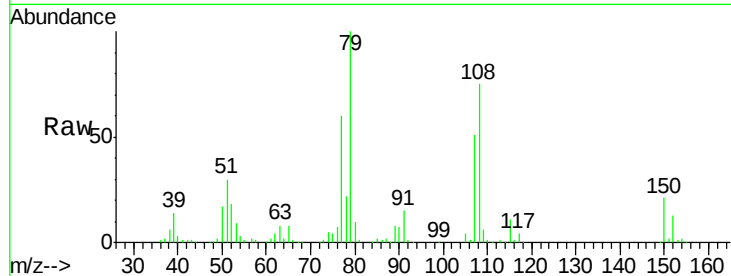
#15
Benzyl Alcohol
Concen: 39.04 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.3	61.4	92.0
77	60.2	50.9	76.3

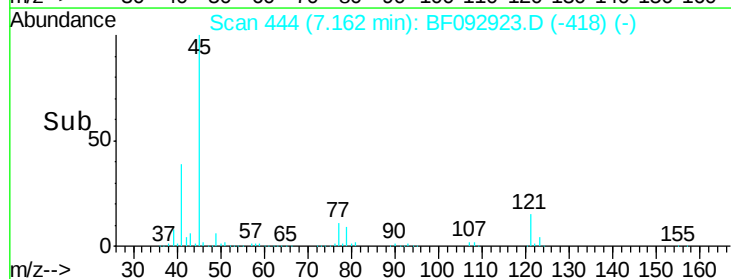
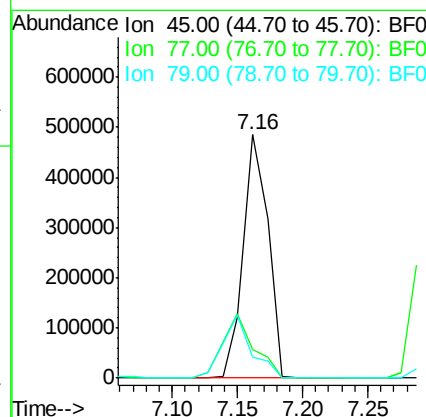
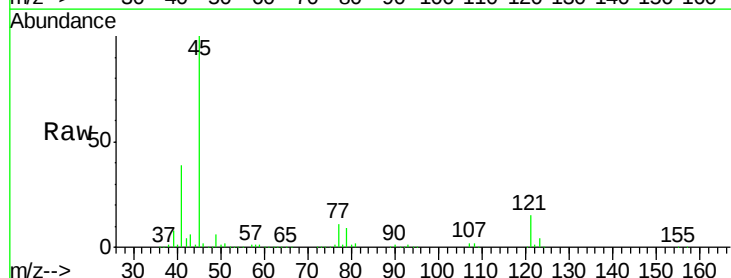
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.03 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	34.6
79	8.8	0.0	31.2





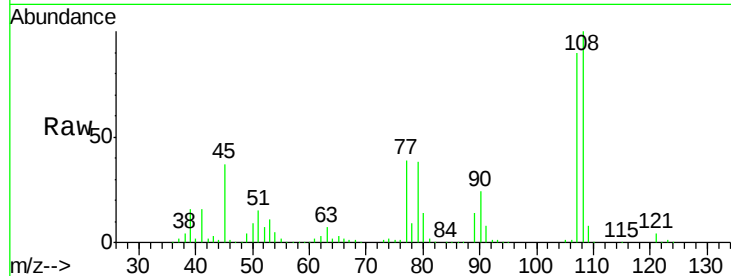
#17
2-Methylphenol
Concen: 42.29 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

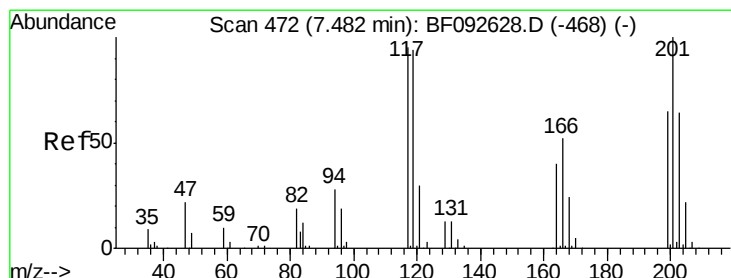
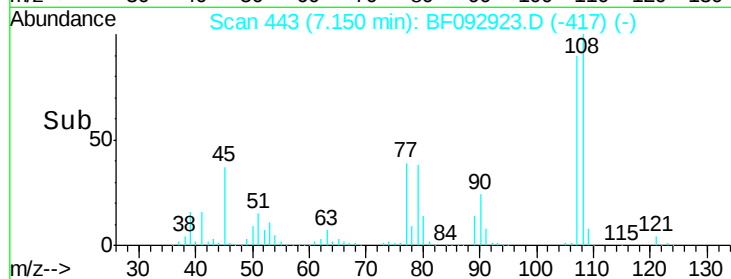
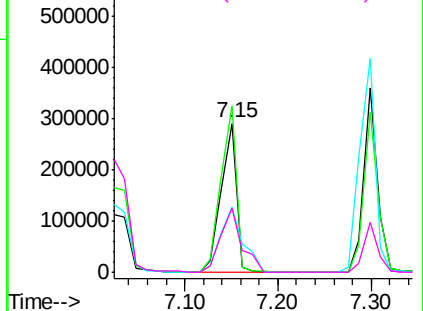
Tgt Ion:	107	Resp:	330431
Ion Ratio	Lower	Upper	
107	100		
108	111.6	93.0	139.6
77	43.7	39.8	59.8
79	42.8	38.0	57.0

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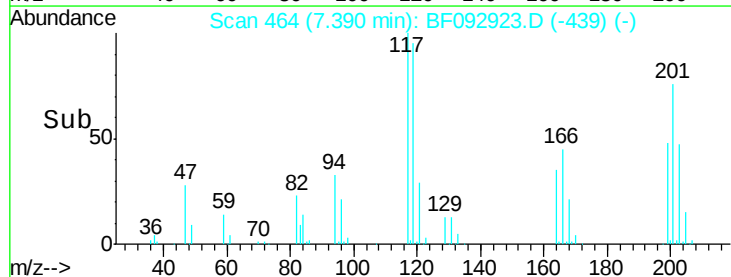
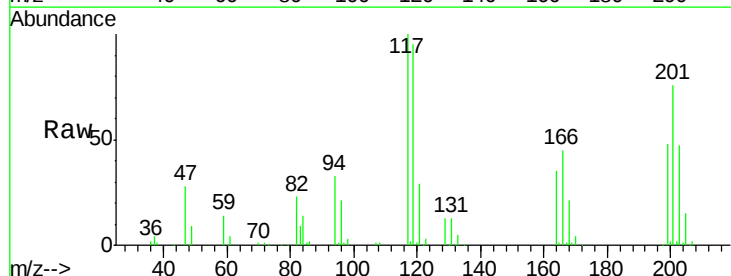
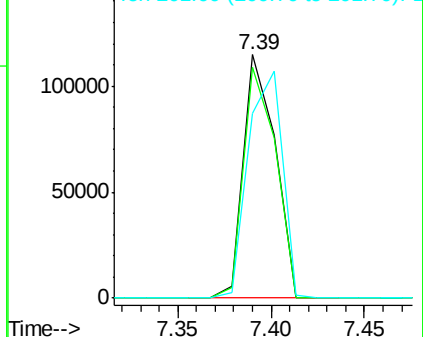
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

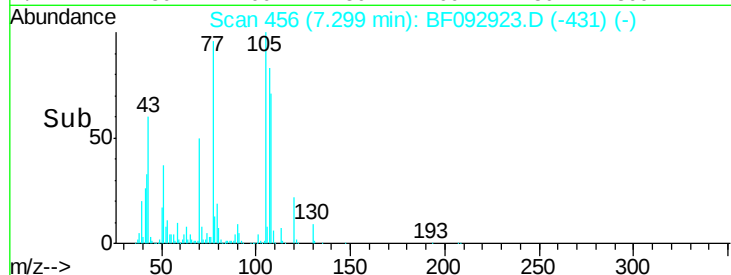
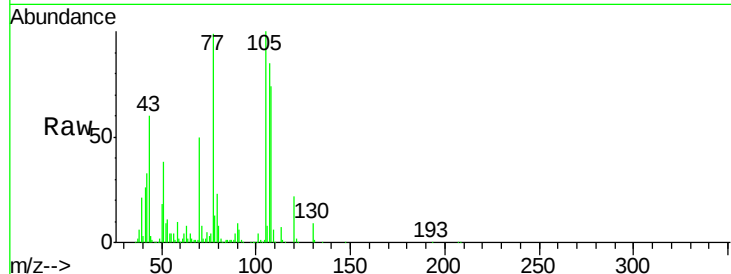


#18
Hexachloroethane
Concen: 36.78 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion:	117	Resp:	135577
Ion Ratio	Lower	Upper	
117	100		
119	95.0	78.1	117.1
201	76.0	78.6	117.8#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





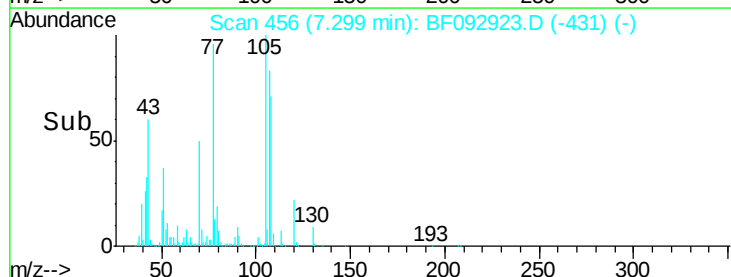
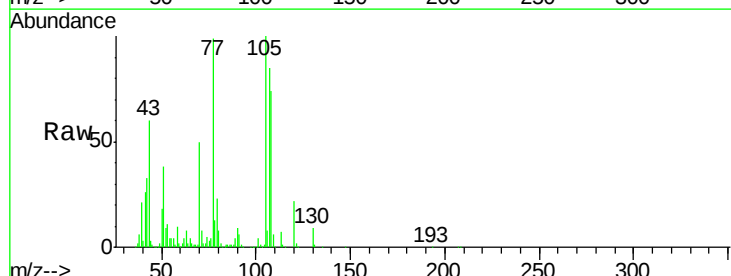
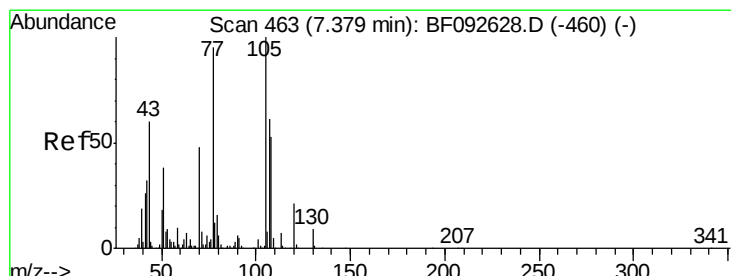
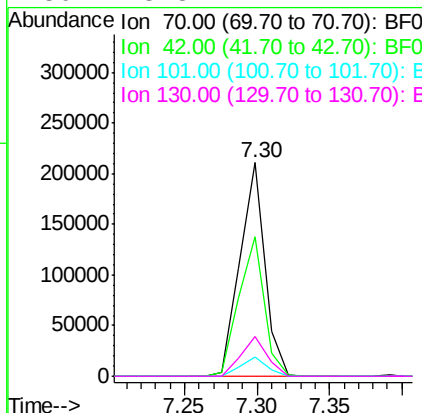
#19
n-Nitroso-di-n-propylamine
Concen: 37.21 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.5	49.4	74.0
101	9.0	7.4	11.2
130	18.8	14.2	21.4

Instrument :
BNA_F
ClientSampleId :
PB96881BS

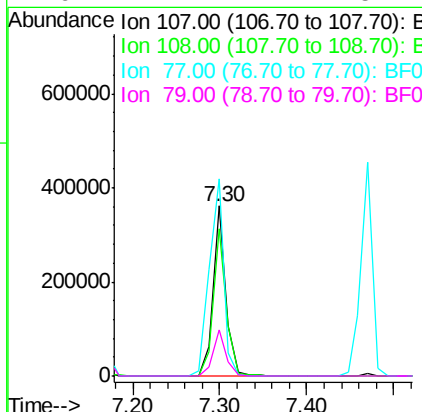
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#20
3+4-Methylphenols
Concen: 40.07 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.0	113.0
77	115.9	71.3	111.3#
79	27.4	11.1	51.1





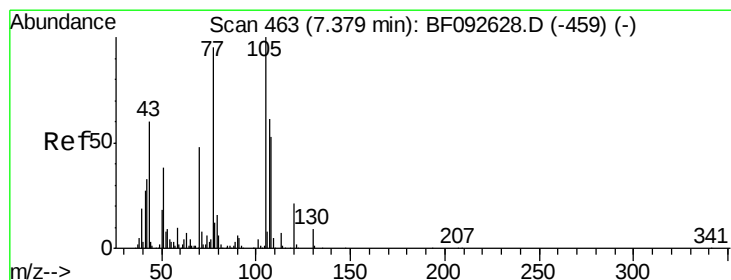
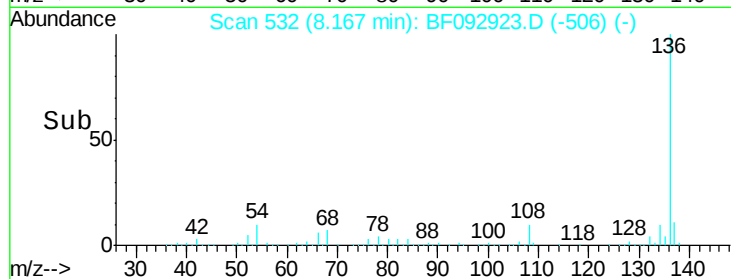
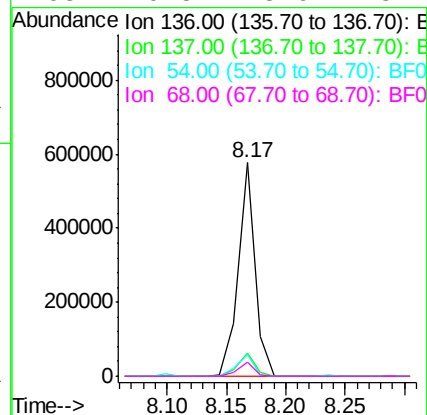
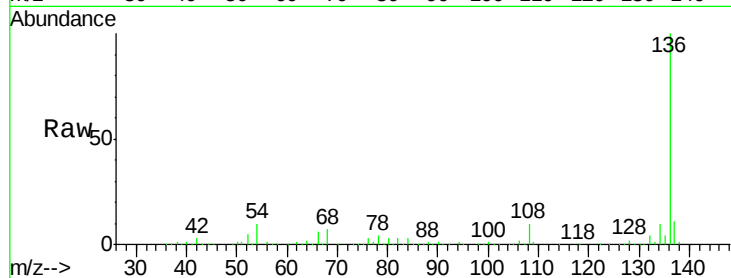
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	570838		
137	11.0	8.4	12.6	
54	10.4	4.5	6.7#	
68	6.8	3.6	5.4#	

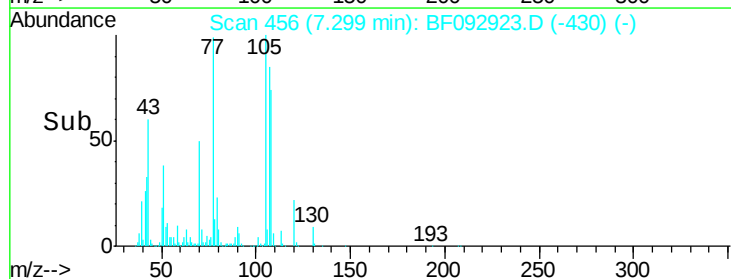
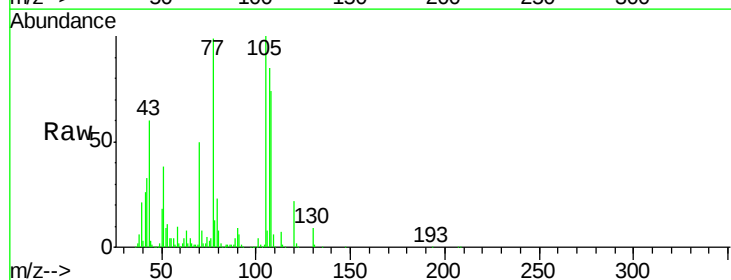
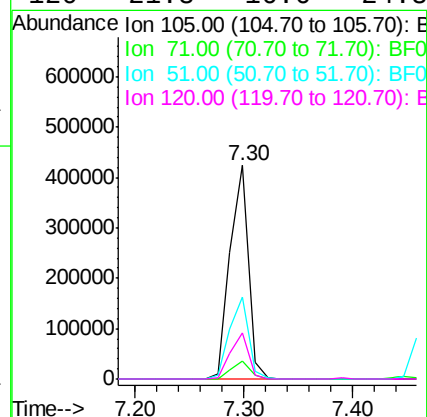
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#22
Acetophenone
Concen: 38.03 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495663		
71	8.3	3.2	4.8#	
51	38.1	26.2	39.4	
120	21.8	16.6	24.8	





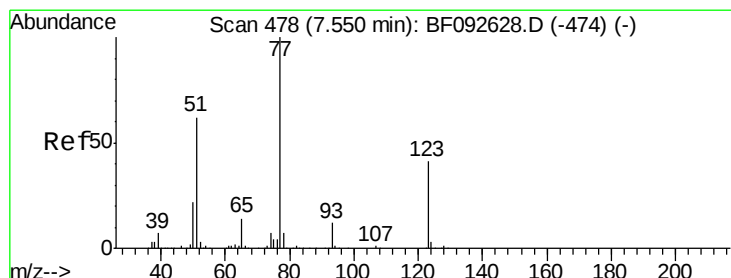
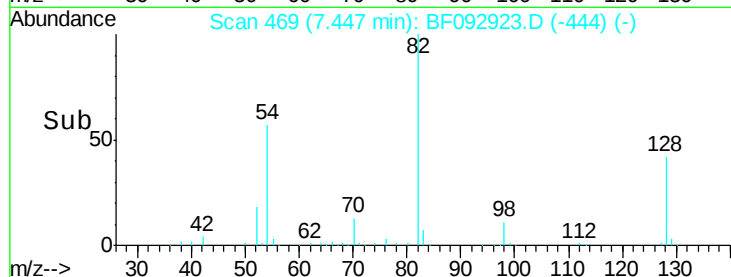
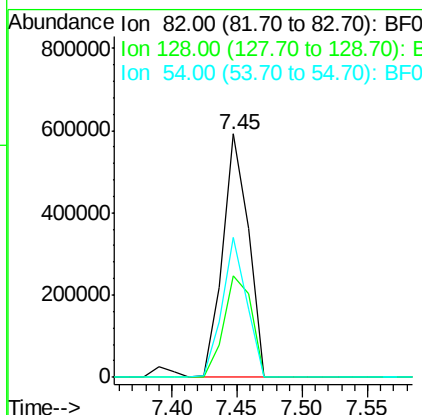
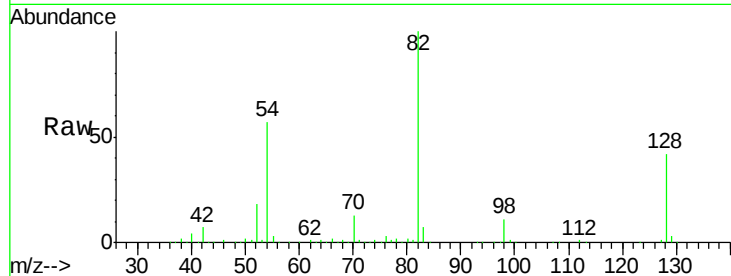
#23
 Nitrobenzene-d5
 Concen: 78.89 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	808649		
128	41.8	34.6	52.0	
54	57.3	39.5	59.3	

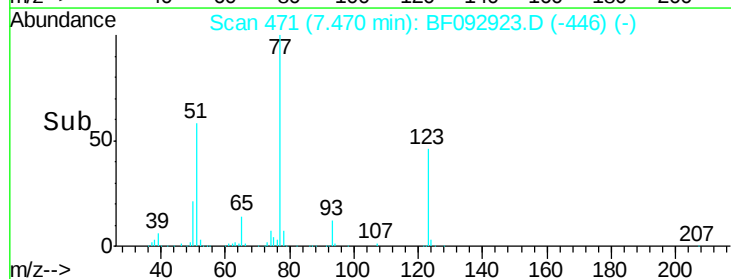
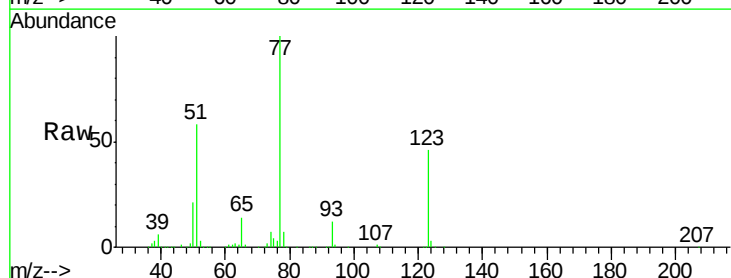
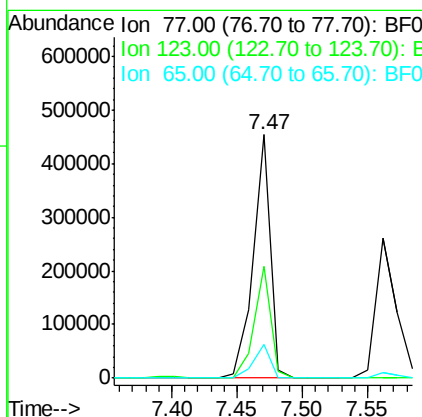
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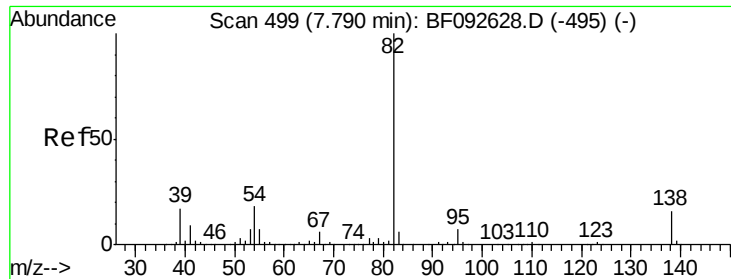
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#24
 Nitrobenzene
 Concen: 39.63 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	417126		
123	45.9	33.0	49.4	
65	13.6	11.2	16.8	





#25

Isophorone

Concen: 39.09 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96881BS

Tgt Ion: 82 Resp: 746679
Ion Ratio Lower Upper

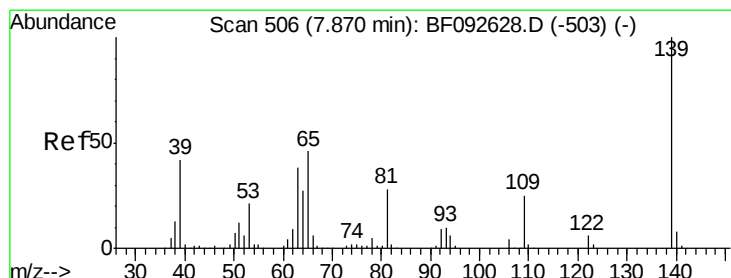
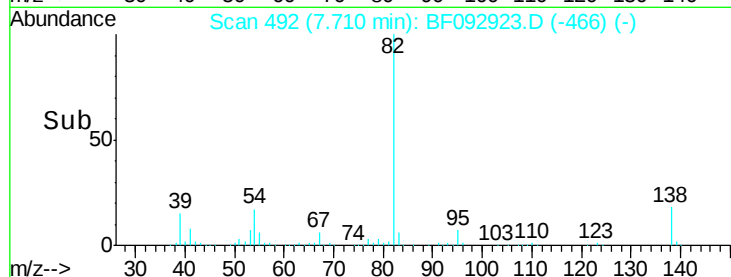
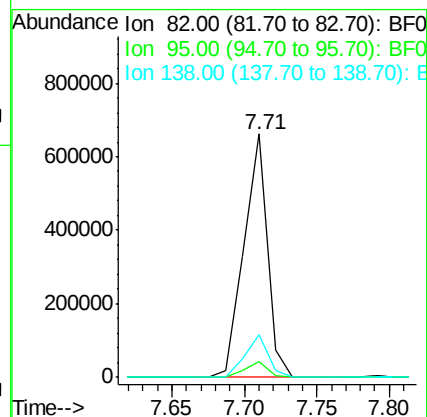
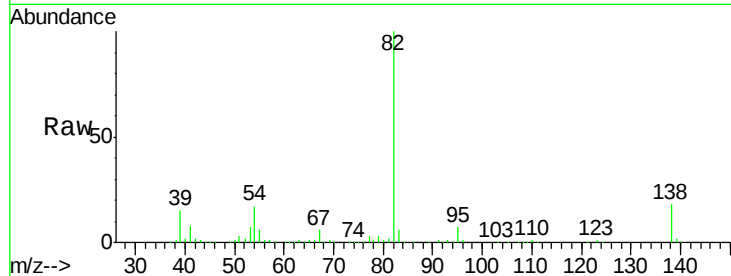
82 100

95 6.6 5.6 8.4

138 17.8 14.6 22.0

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#26

2-Nitrophenol

Concen: 43.57 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092923.D

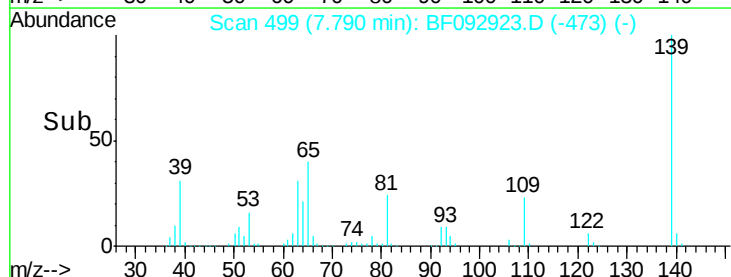
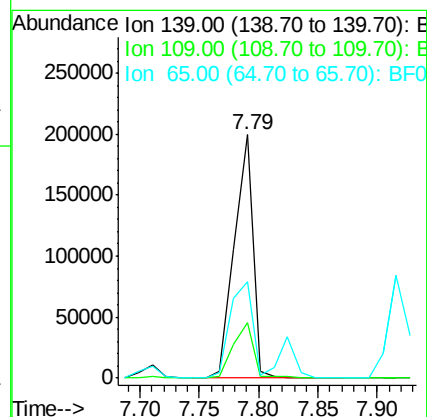
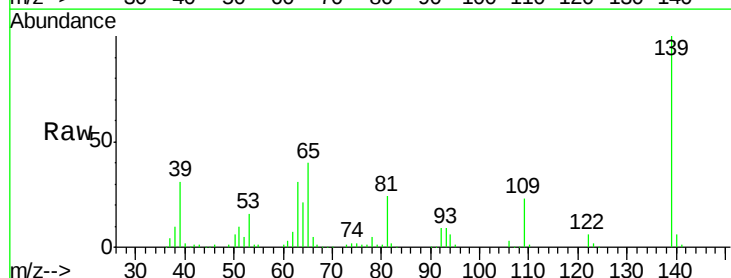
Acq: 13 Feb 2017 17:34

Tgt Ion: 139 Resp: 218026
Ion Ratio Lower Upper

139 100

109 22.8 23.3 34.9#

65 39.7 42.7 64.1#





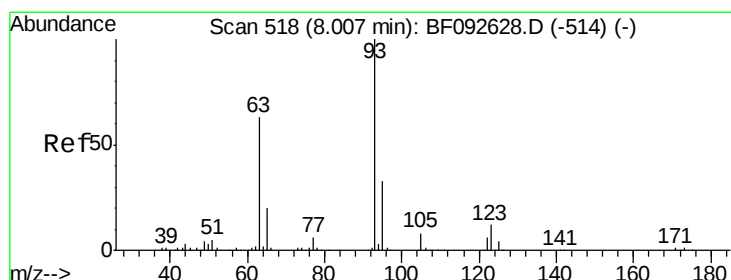
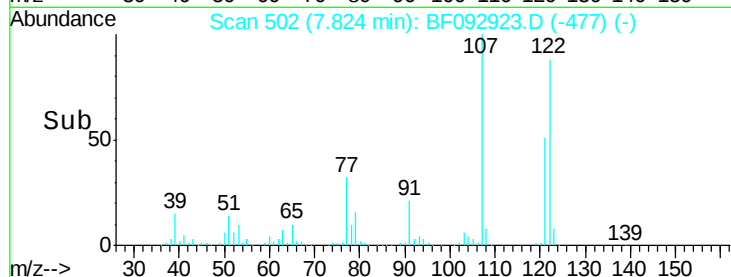
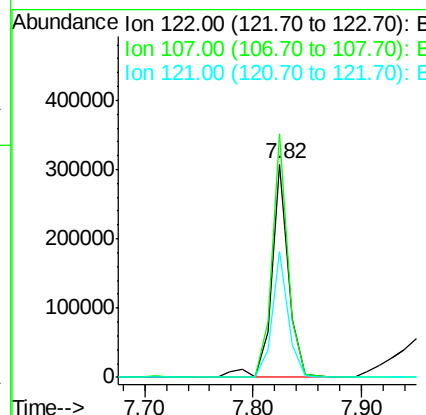
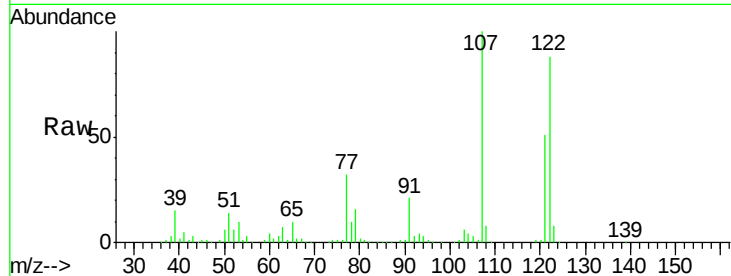
#27
2,4-Dimethylphenol
Concen: 37.79 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	332086		
107	114.0	94.1	141.1	
121	58.7	46.0	69.0	

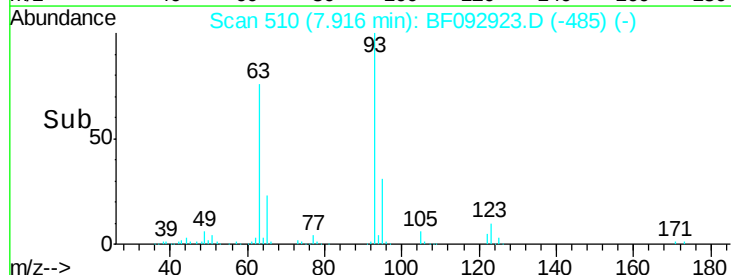
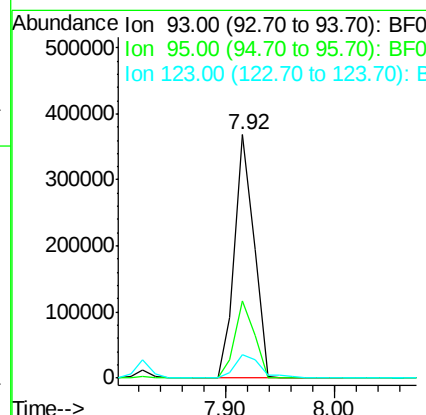
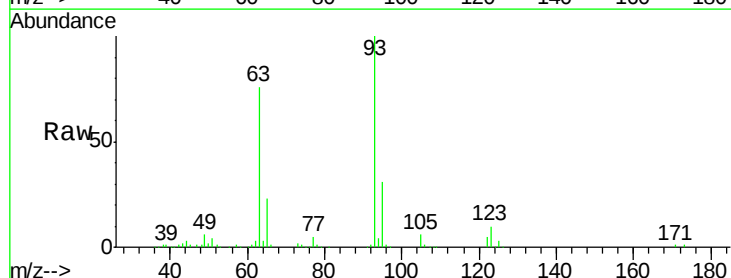
Manual Integrations
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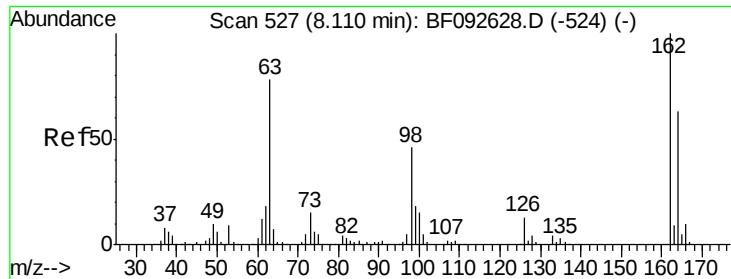
mohammad
2/14/2017 11:30:16 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.76 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	452391		
95	31.5	26.5	39.7	
123	9.8	8.6	13.0	





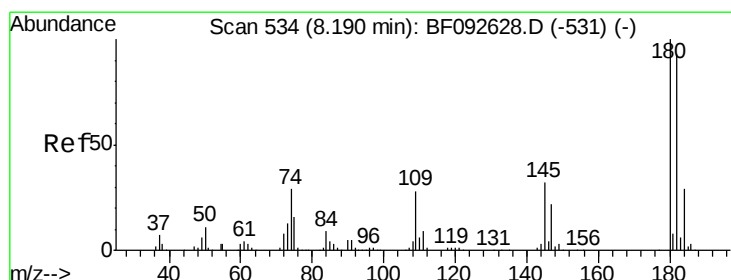
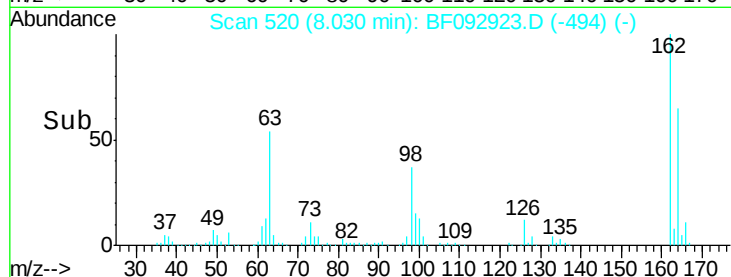
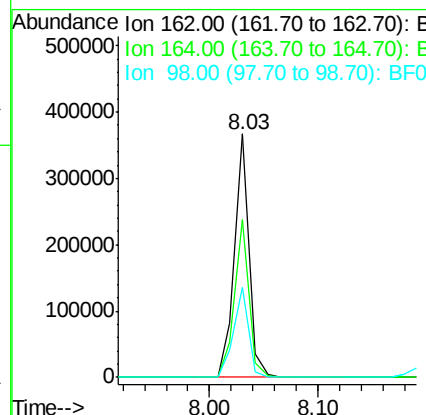
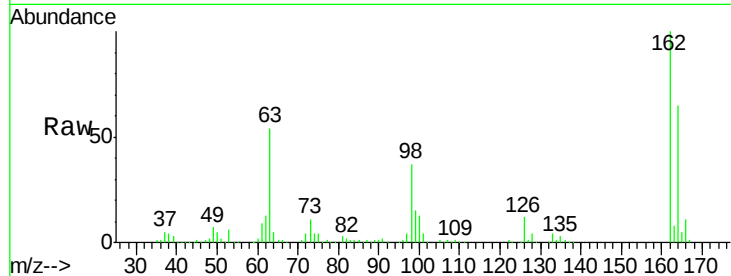
#29
 2,4-Dichlorophenol
 Concen: 41.25 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	338092		
164	64.9	46.8	86.8	
98	37.0	9.1	49.1	

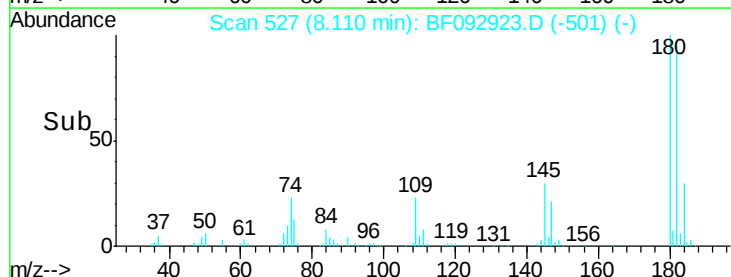
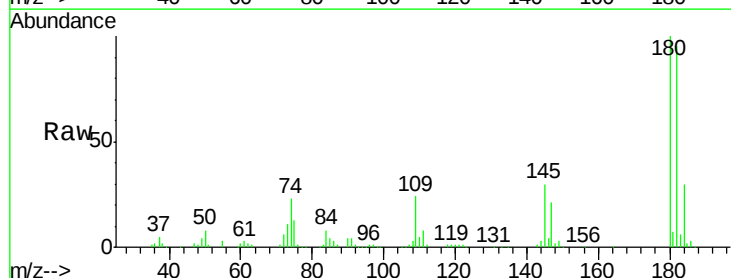
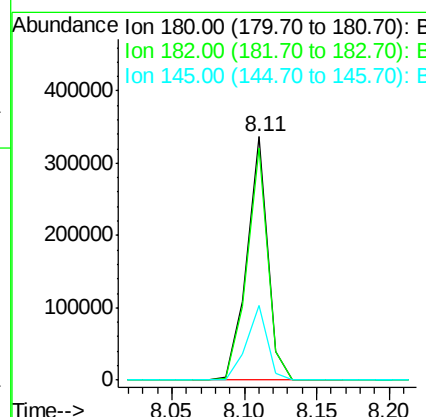
Manual Integrations
 APPROVED

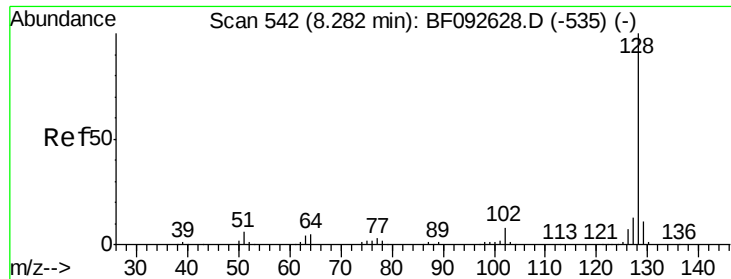
mohammad
 2/14/2017 11:30:16 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335840		
182	95.1	78.2	117.4	
145	30.5	21.6	32.4	





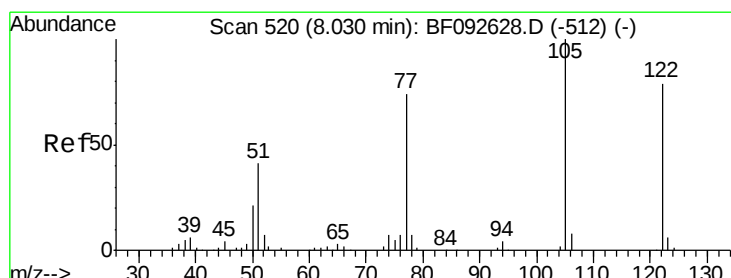
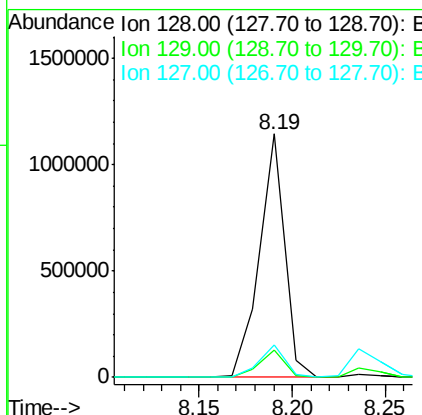
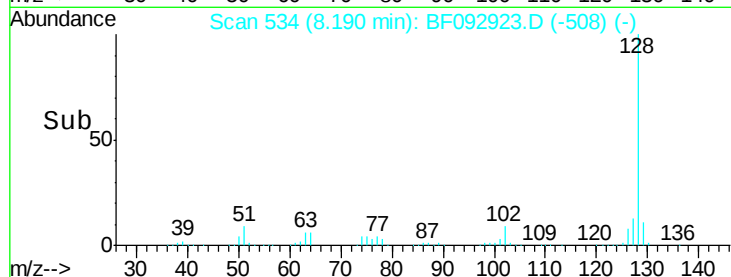
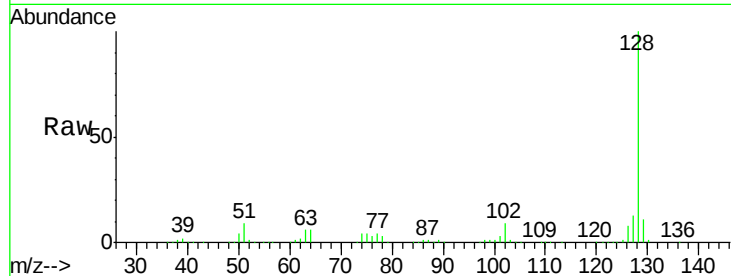
#31
Naphthalene
Concen: 37.06 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion:128 Resp: 1072327
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 10.8 16.2

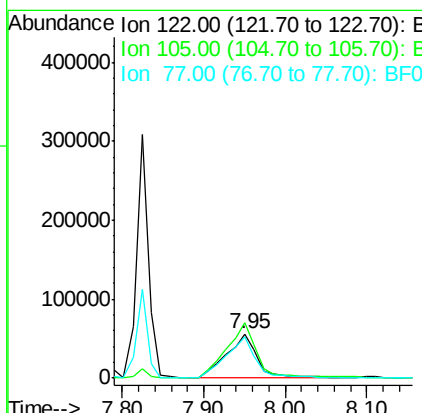
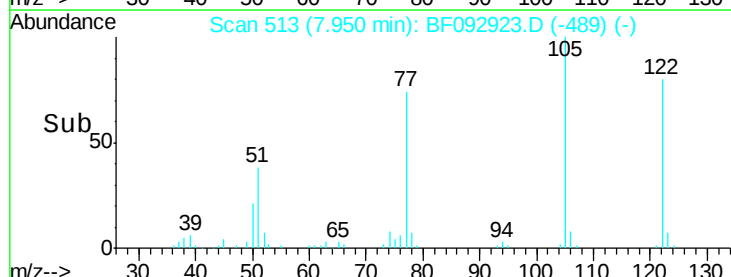
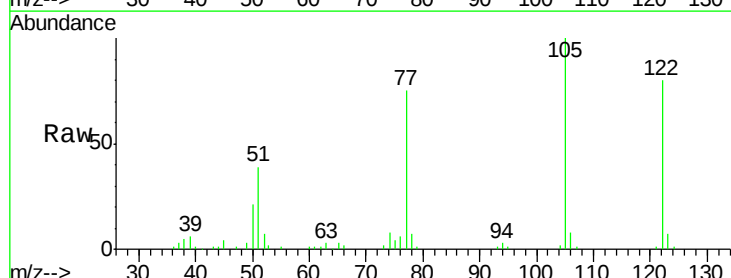
Manual Integrations
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#32
Benzoic acid
Concen: 31.52 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion:122 Resp: 142541
Ion Ratio Lower Upper
122 100
105 124.4 107.2 147.2
77 92.7 74.5 114.5





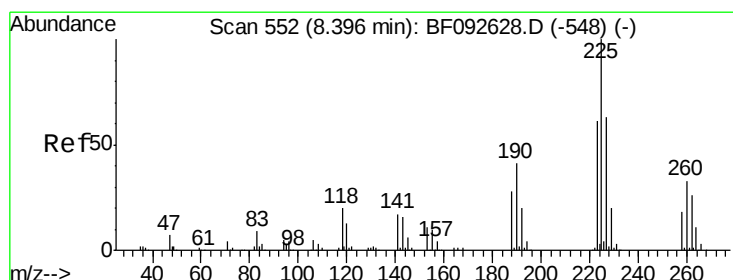
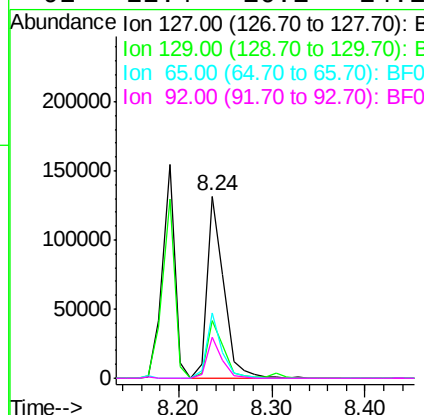
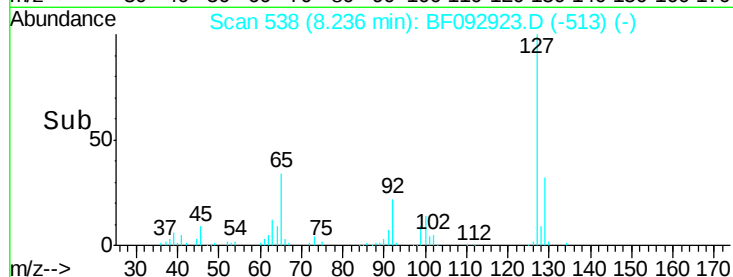
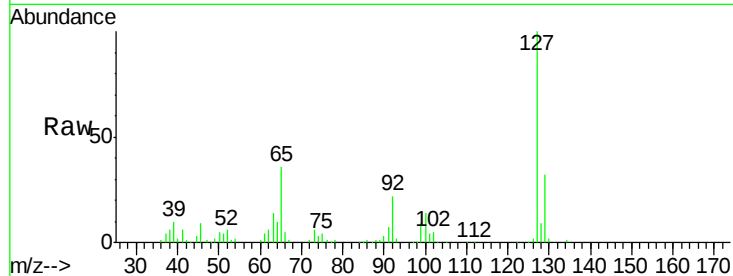
#33
4-Chloroaniline
Concen: 14.54 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	164956		
129	31.8	26.3	39.5	
65	36.1	25.8	38.8	
92	22.4	16.1	24.1	

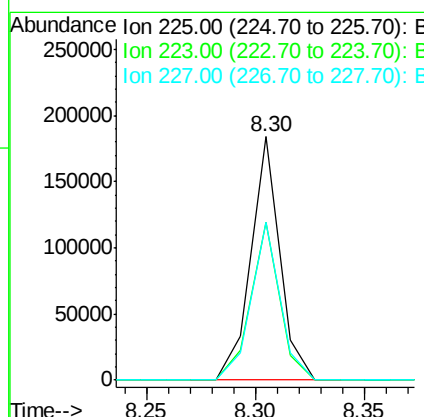
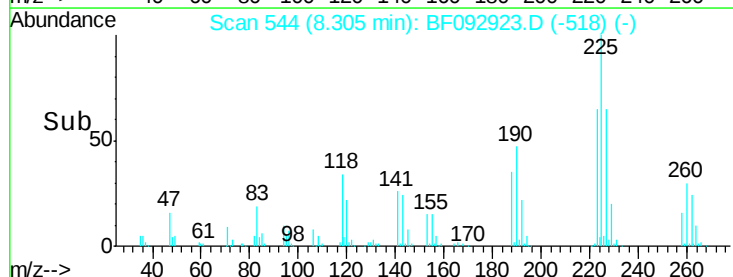
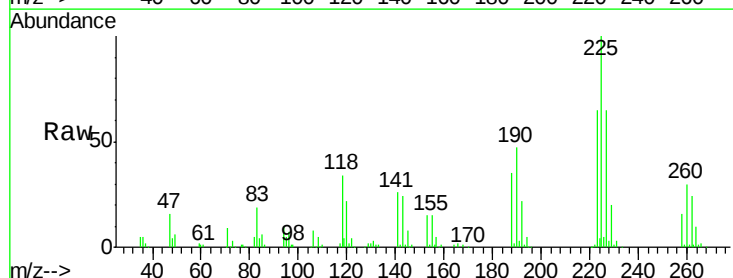
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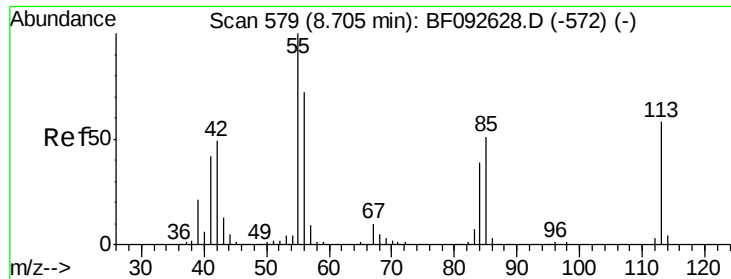
mohammad
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#34
Hexachlorobutadiene
Concen: 34.97 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169933		
223	64.9	51.0	76.6	
227	64.7	50.6	76.0	





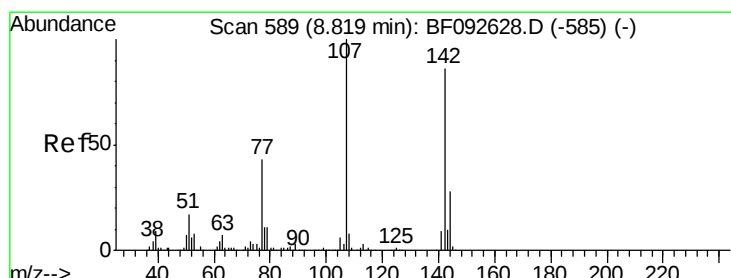
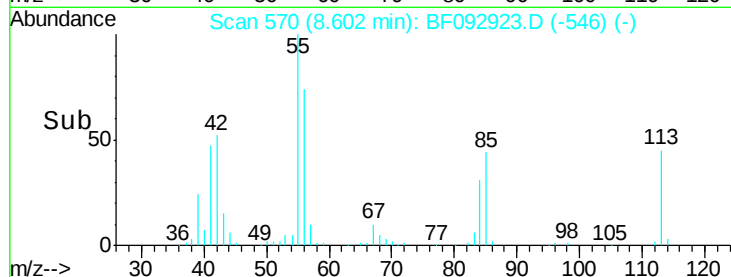
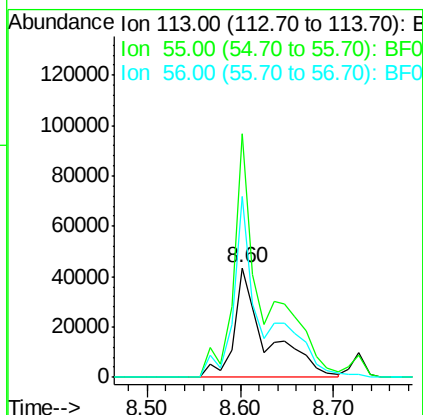
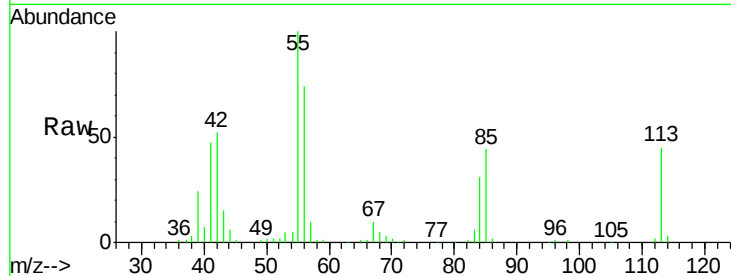
#35
 Caprolactam
 Concen: 41.34 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion:113 Resp: 106568
 Ion Ratio Lower Upper
 113 100
 55 222.1 119.2 159.2#
 56 164.5 83.8 123.8#

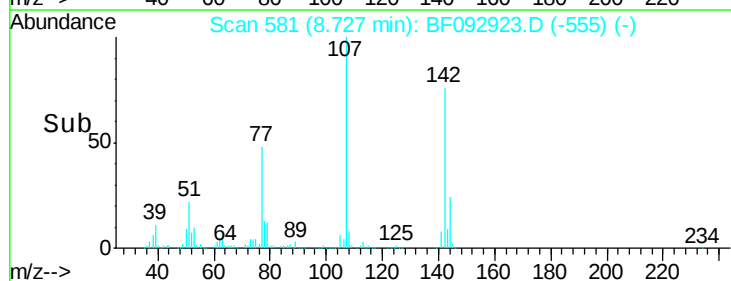
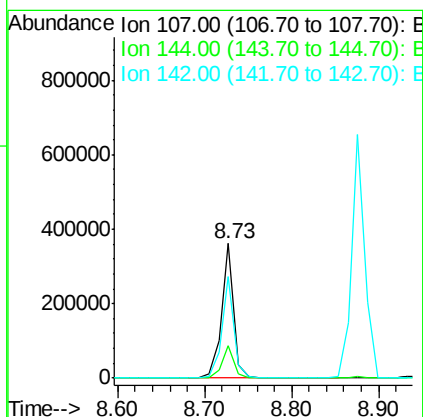
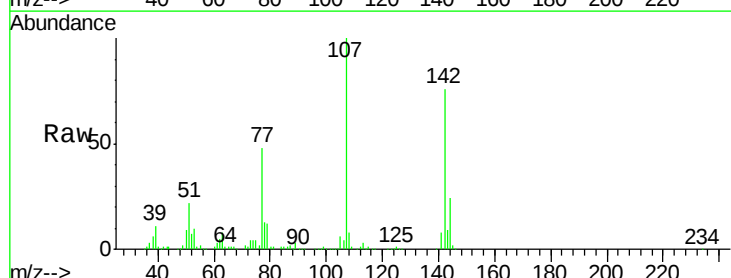
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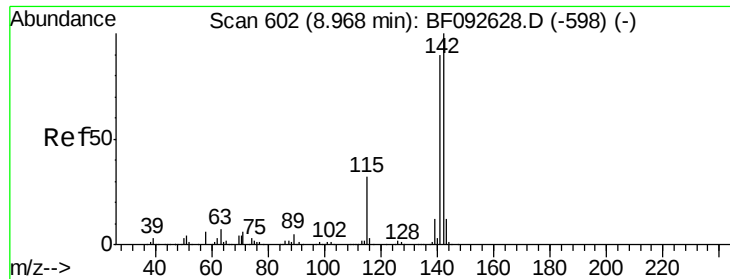
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.51 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion:107 Resp: 354634
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 75.8 59.0 88.6





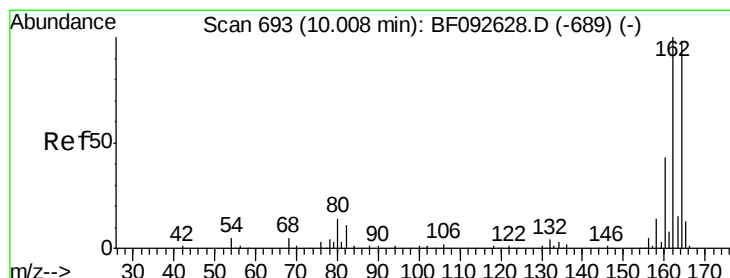
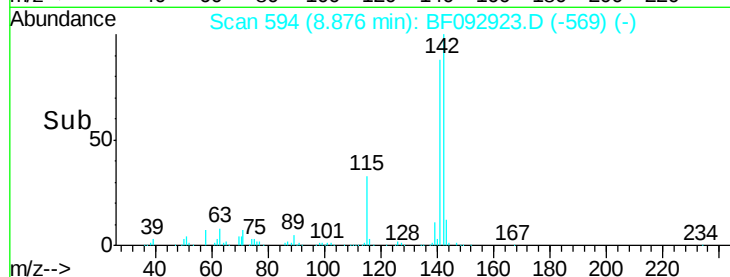
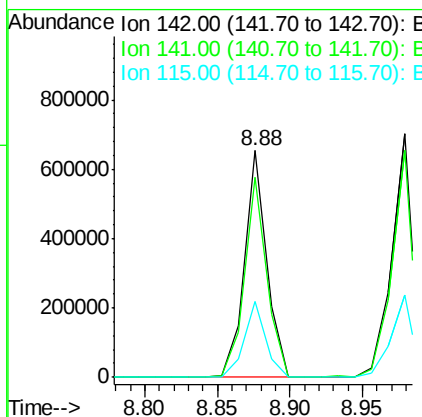
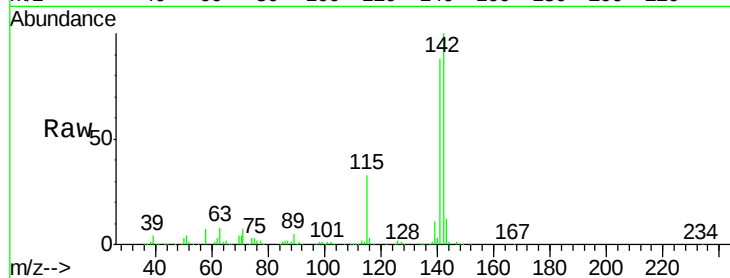
#37
2-Methylnaphthalene
Concen: 37.56 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.3	28.3	42.5

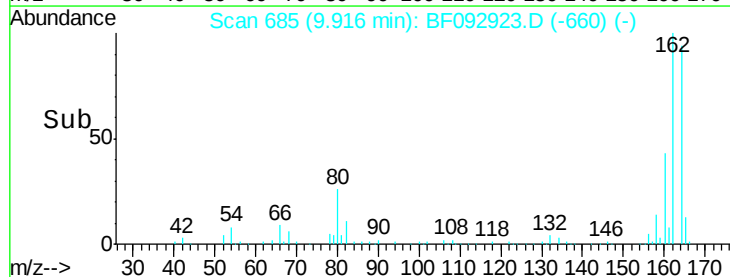
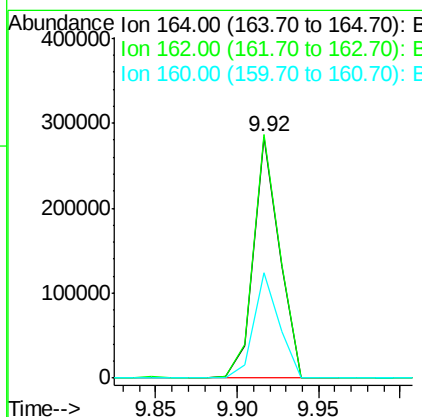
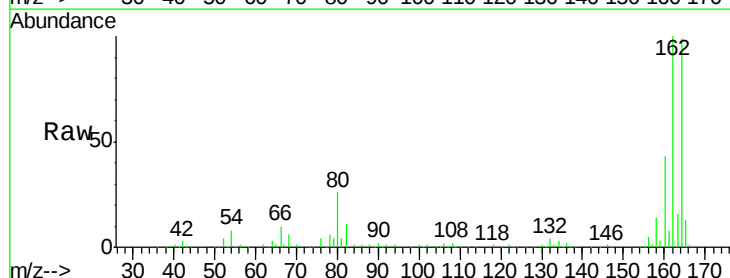
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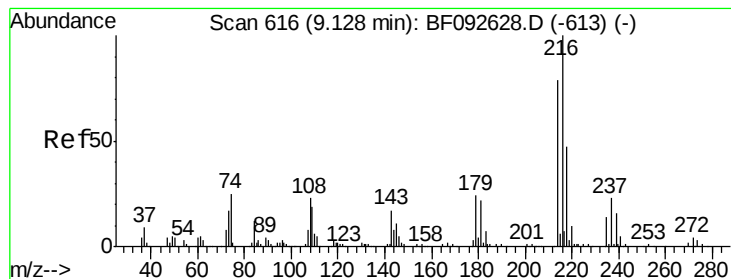
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	43.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.95 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

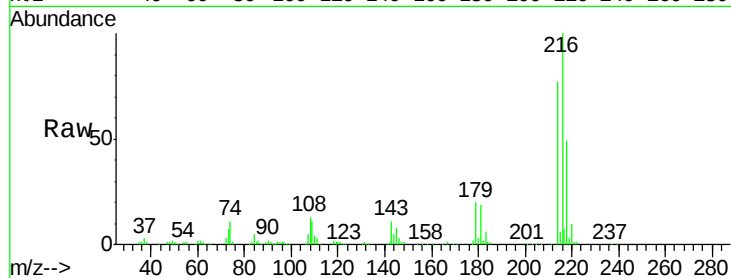
ClientSampleId :

PB96881BS

Tgt Ion:	216	Resp:	333405
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.4	95.0
179	21.4	17.4	26.2
108	18.6	15.6	23.4

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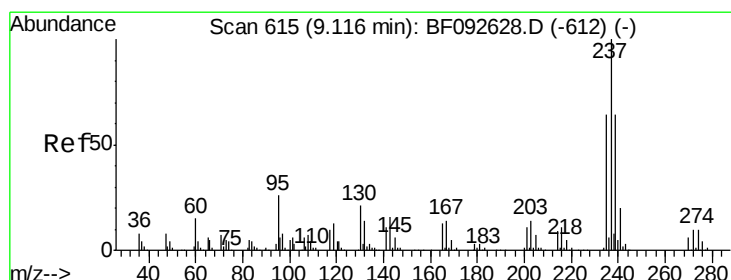
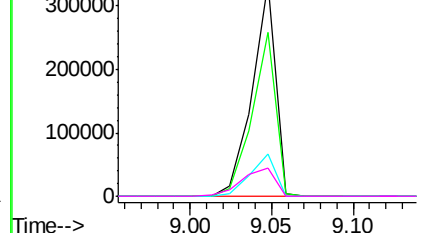
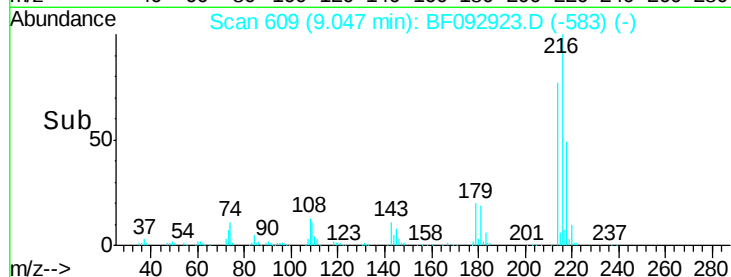


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 52.24 ng

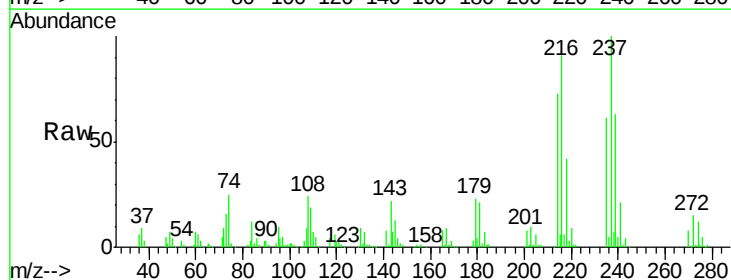
RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

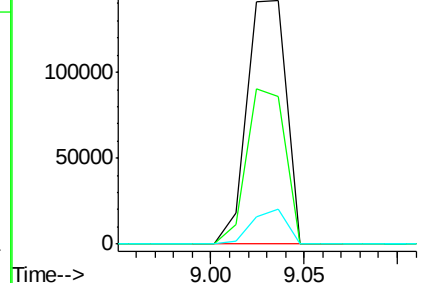
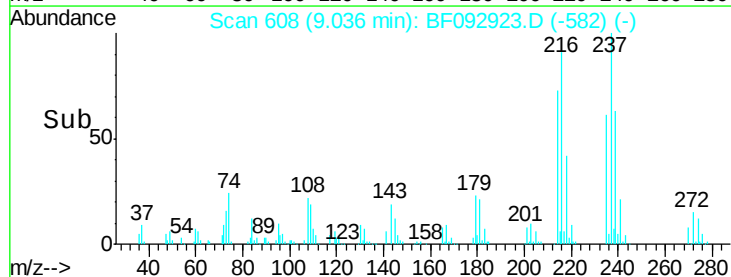
Tgt Ion:	237	Resp:	207035
Ion Ratio	Lower	Upper	
237	100		
235	60.5	41.2	81.2
272	14.5	0.0	35.4

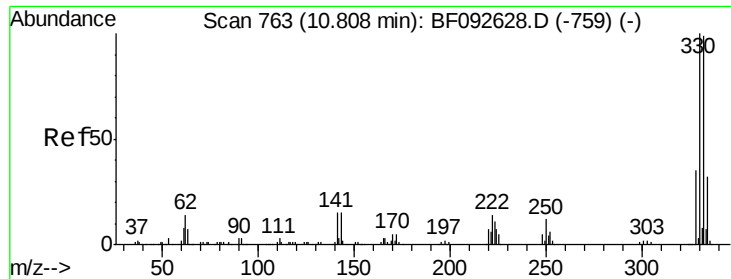


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





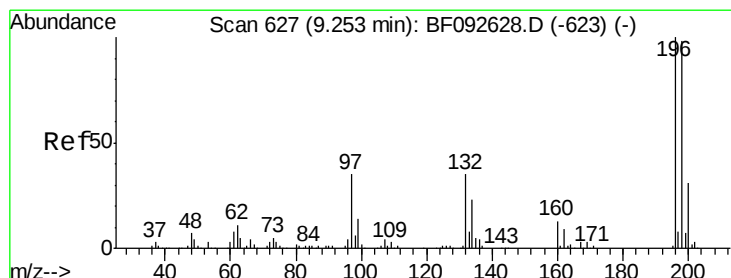
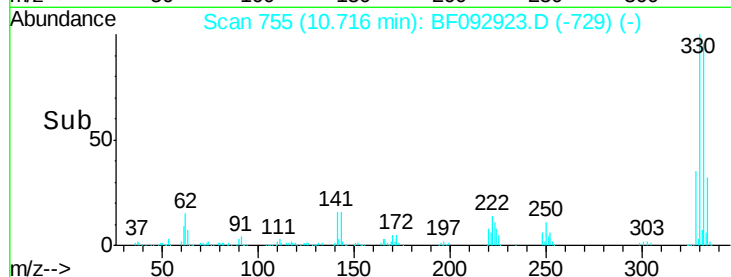
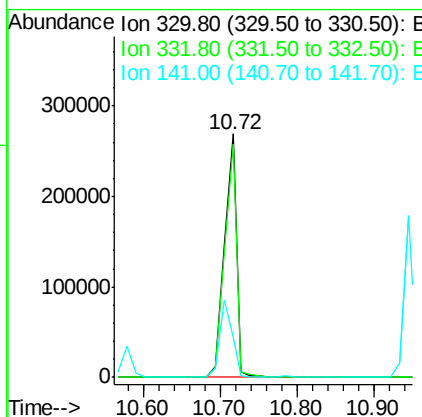
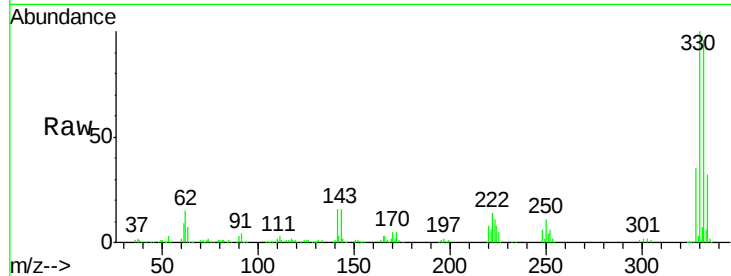
#41
 2,4,6-Tribromophenol
 Concen: 133.97 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	303227		
332	95.5	77.4	116.2	
141	32.6	34.1	51.1#	

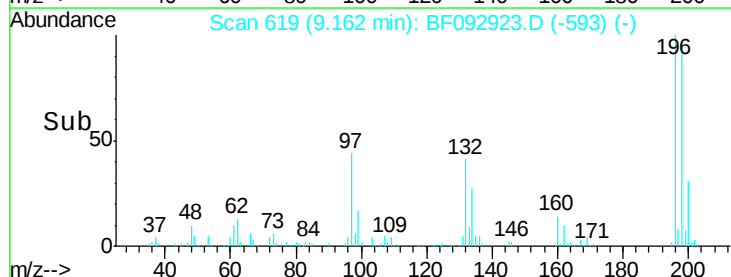
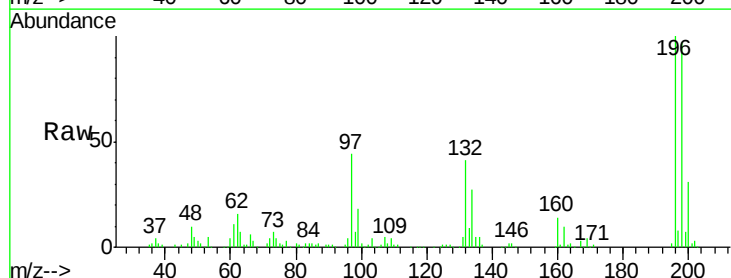
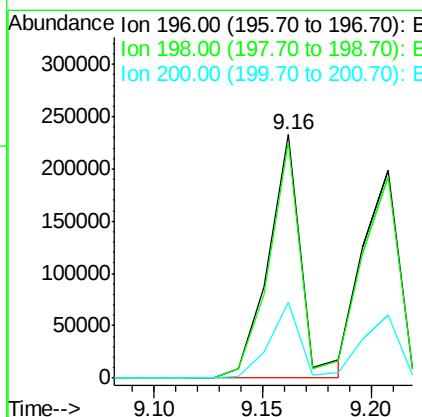
Manual Integrations
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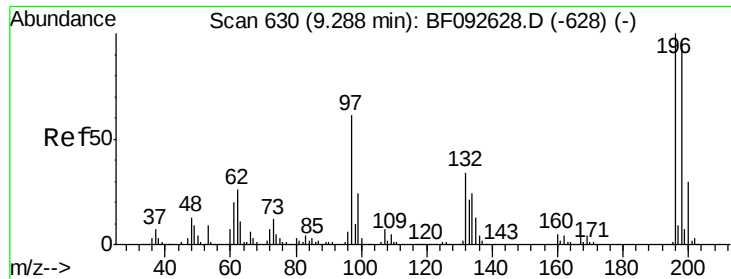
mohammad
 2/14/2017 11:30:16 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.40 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244745		
198	96.8	82.1	123.1	
200	31.1	27.0	40.4	





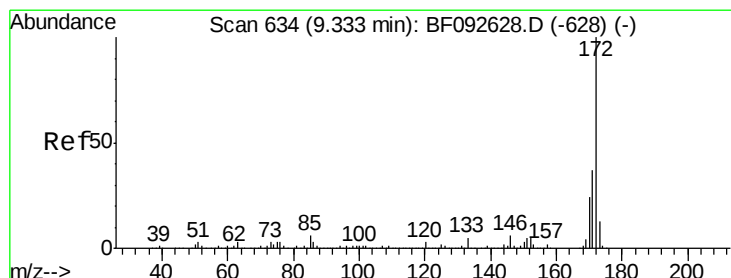
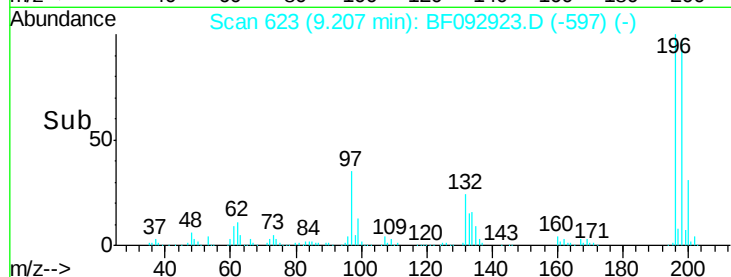
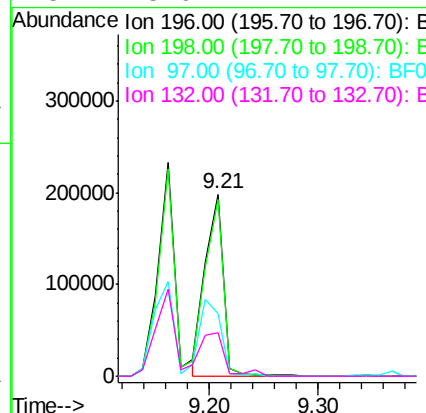
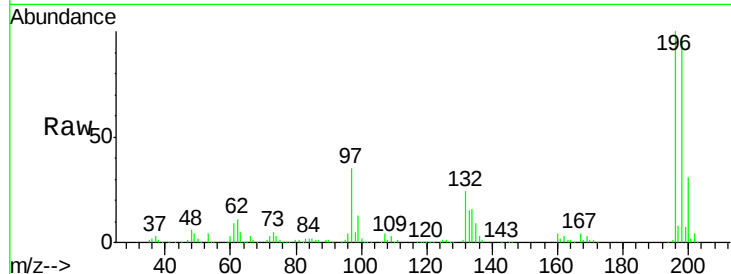
#43
 2,4,5-Trichlorophenol
 Concen: 36.70 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232105		
198	97.1	79.4	119.2	
97	34.6	51.5	77.3#	
132	23.9	27.4	41.2#	

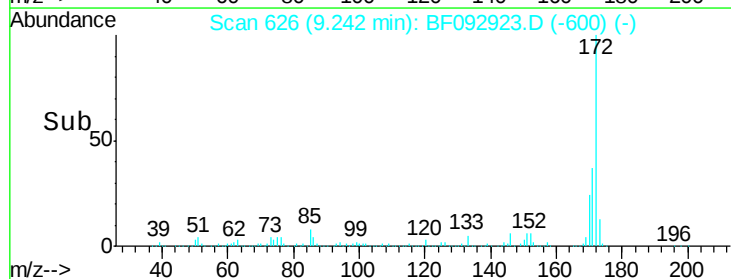
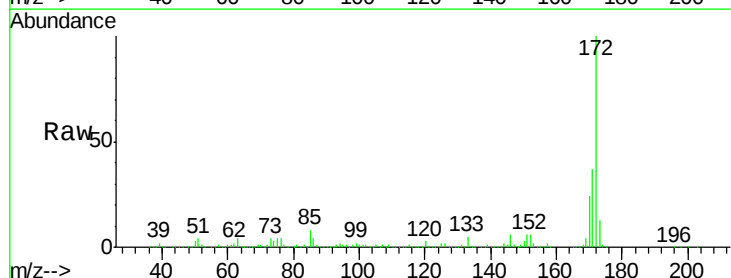
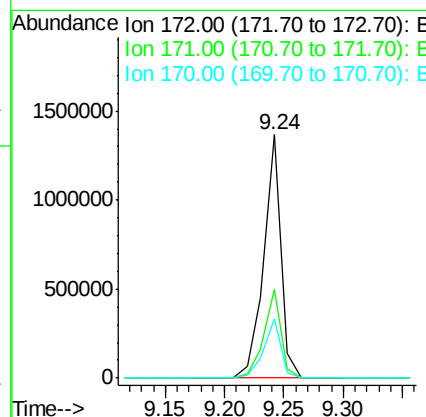
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#44
 2-Fluorobiphenyl
 Concen: 80.44 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1389504		
171	36.6	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 40.23 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

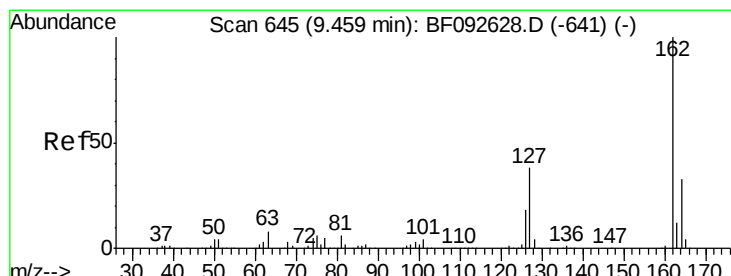
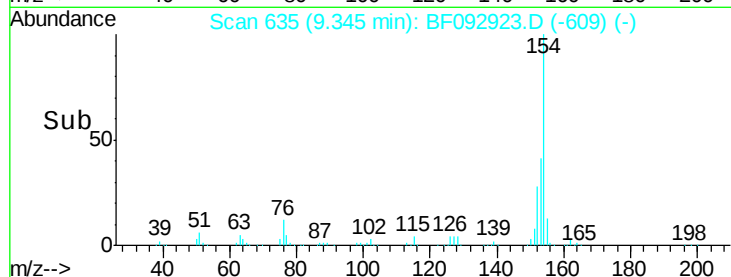
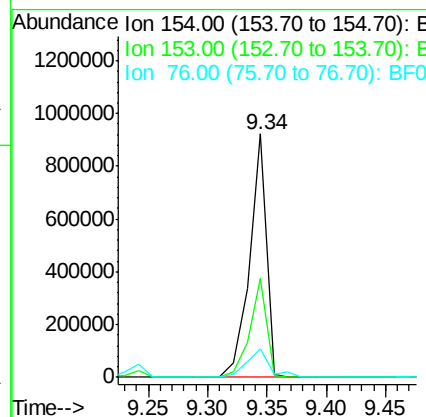
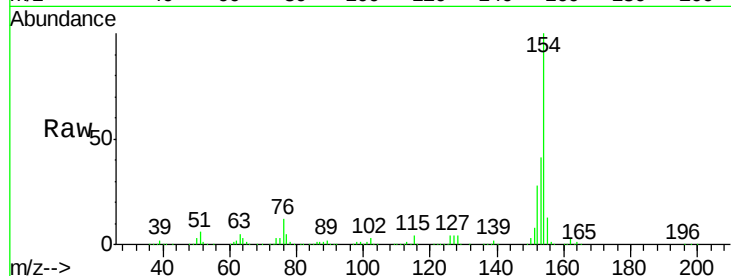
ClientSampleId :

PB96881BS

Tgt Ion:	154	Resp:	911652
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.9	60.9
76	11.5	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 39.51 ng

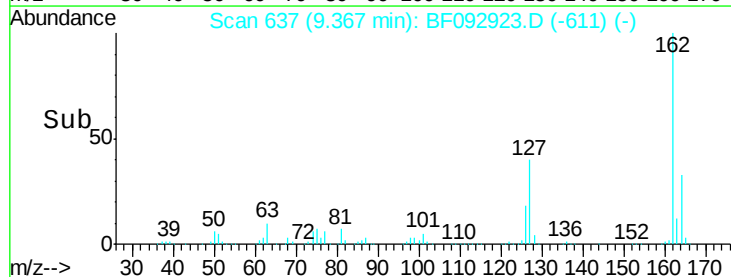
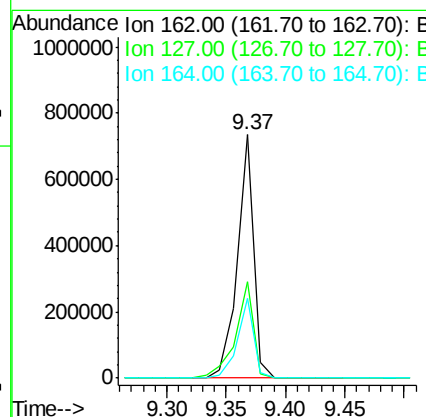
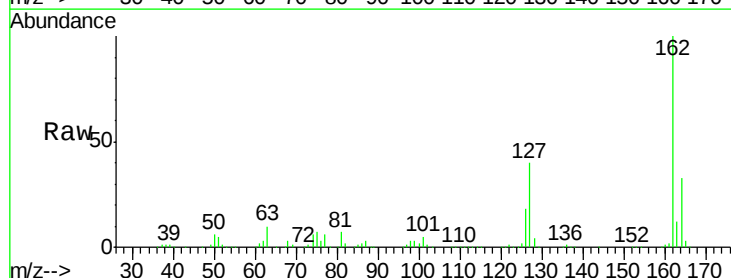
RT: 9.37 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	162	Resp:	700490
Ion Ratio	Lower	Upper	
162	100		
127	39.6	30.7	46.1
164	33.0	27.6	41.4





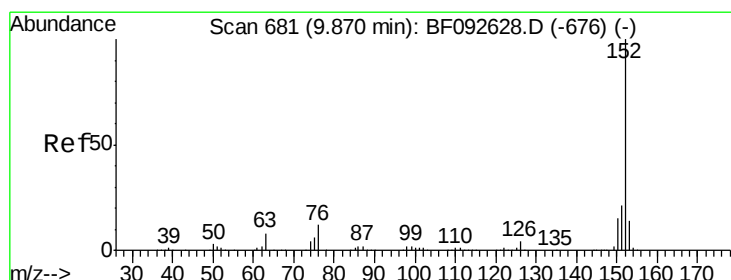
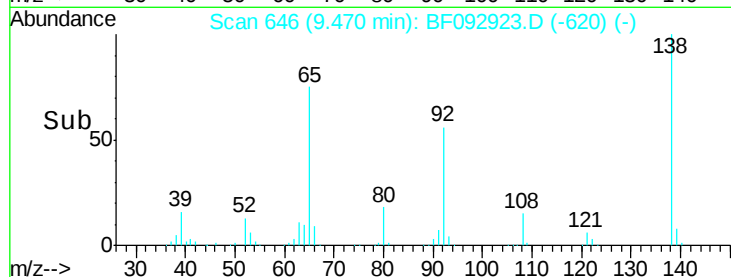
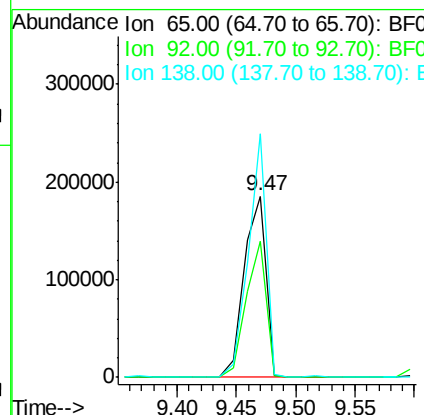
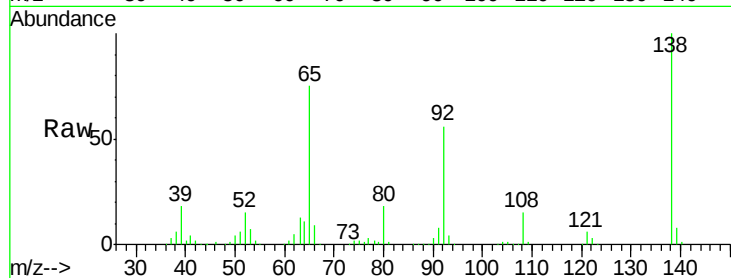
#47
 2-Nitroaniline
 Concen: 40.11 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	53.9	80.9
138	134.2	76.8	115.2

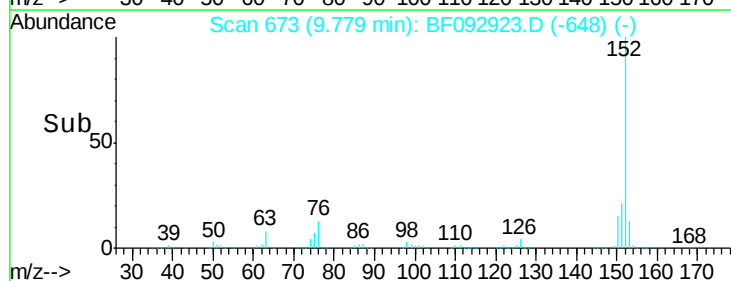
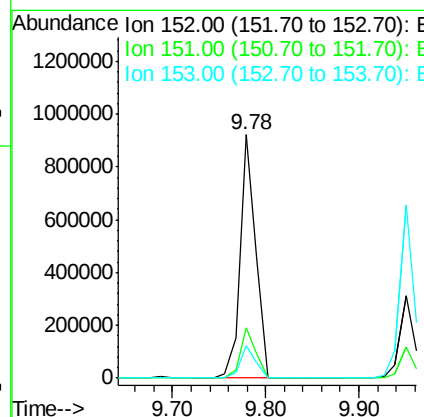
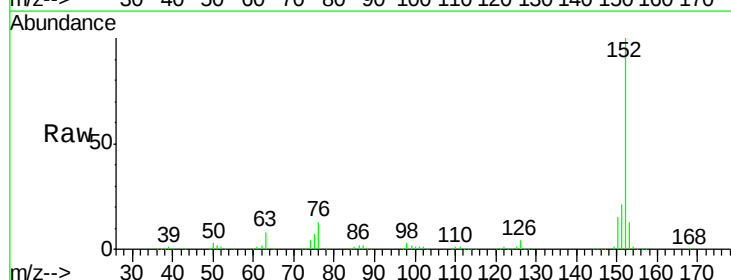
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#48
 Acenaphthylene
 Concen: 34.90 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





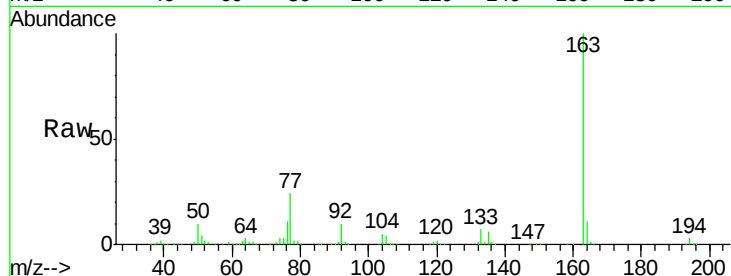
#49
Dimethylphthalate
Concen: 37.18 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

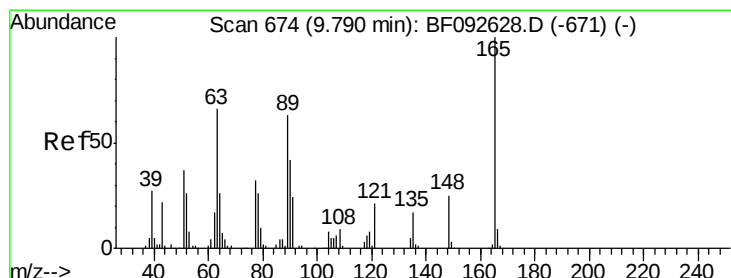
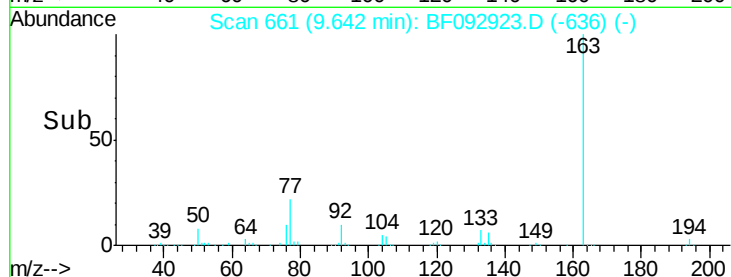
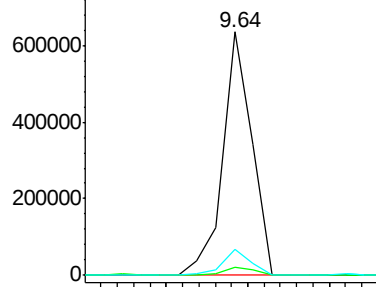
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	783770		
194	3.3		3.0	4.4
164	10.8		8.0	12.0

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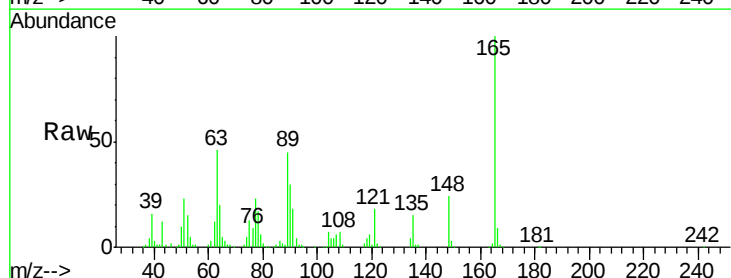


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

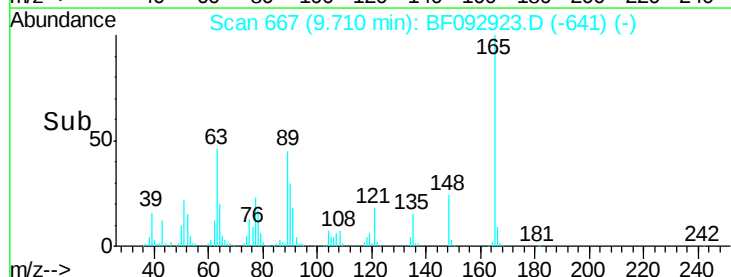
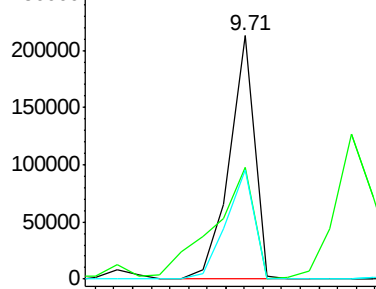


#50
2,6-Dinitrotoluene
Concen: 43.51 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198087		
63	45.7		36.2	54.4
89	45.0		40.2	60.4



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





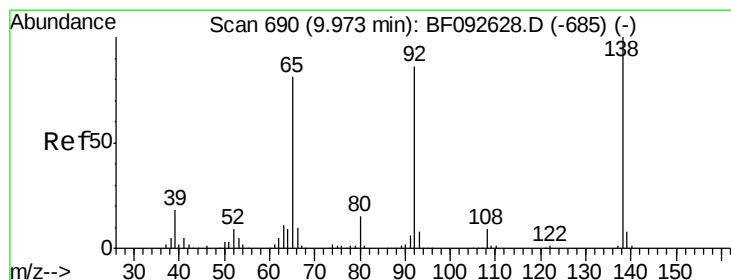
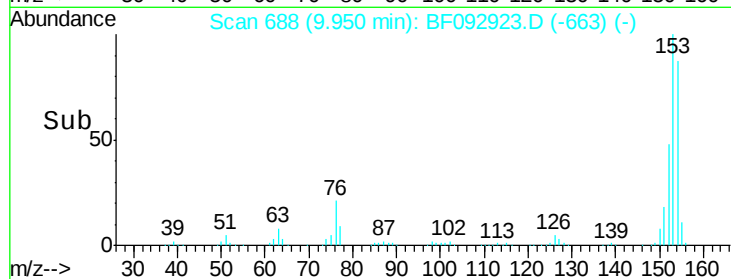
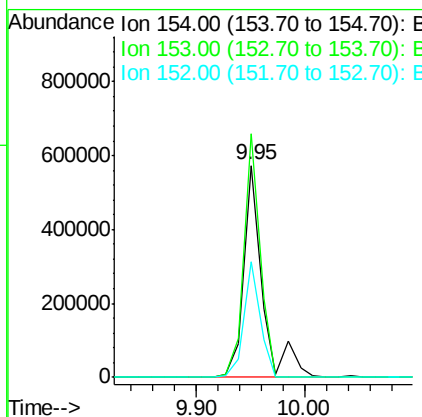
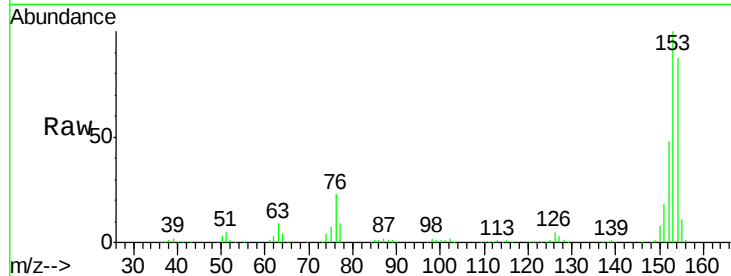
#51
Acenaphthene
Concen: 37.47 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	686083		
153	114.9	88.6	133.0	
152	54.8	41.6	62.4	

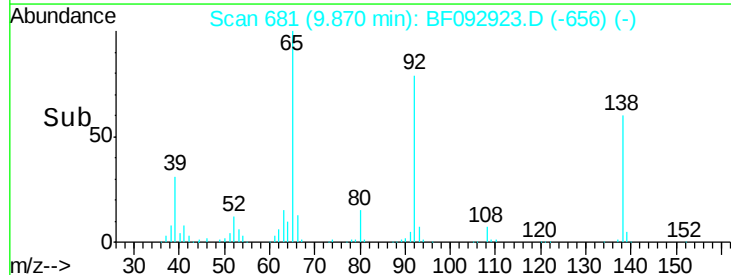
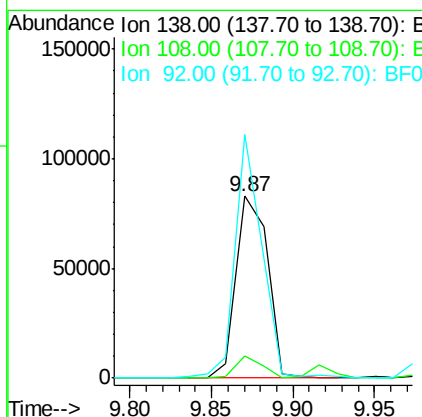
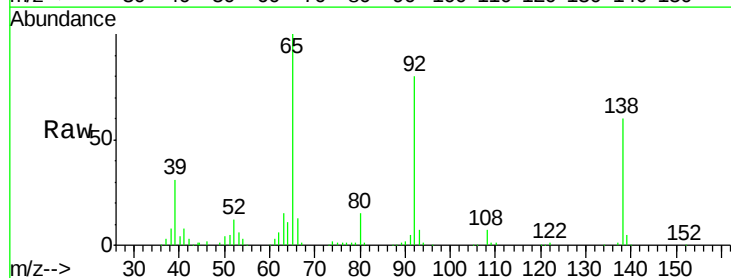
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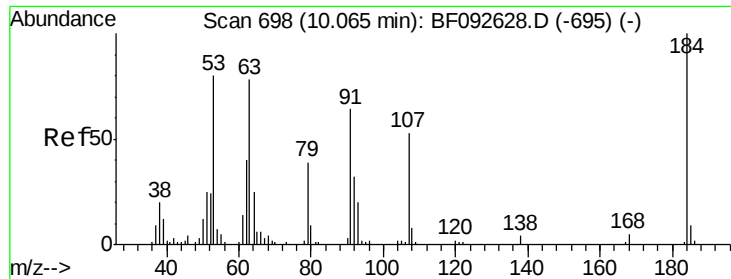
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#52
3-Nitroaniline
Concen: 21.24 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

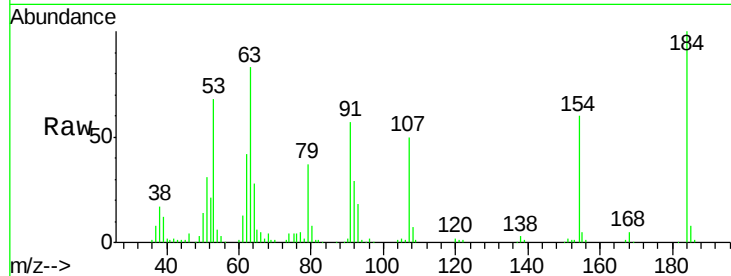
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	110657		
108	12.5	8.5	12.7	
92	133.9	97.8	146.8	





#53
2,4-Dinitrophenol
Concen: 73.21 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

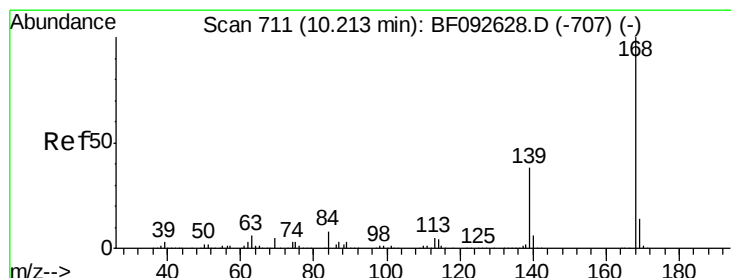
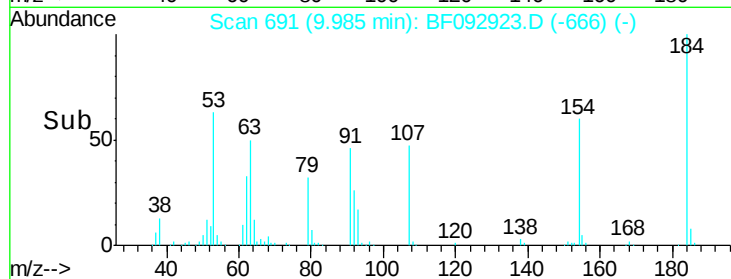
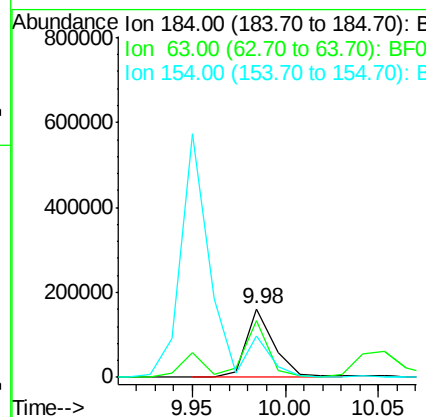
Instrument :
BNA_F
ClientSampled :
PB96881BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	168554		
63	83.2	28.4	42.6	#
154	60.0	44.3	66.5	

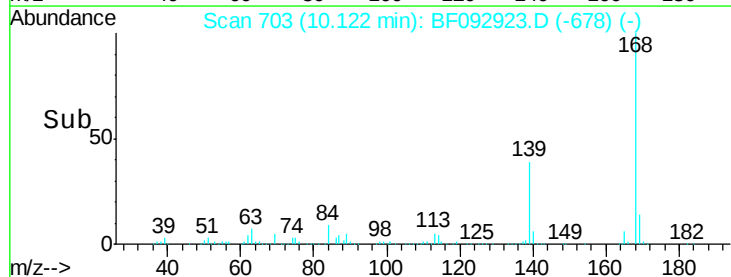
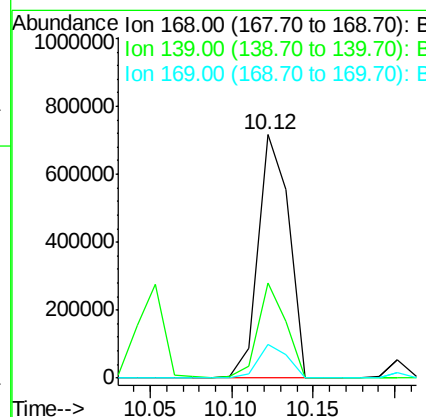
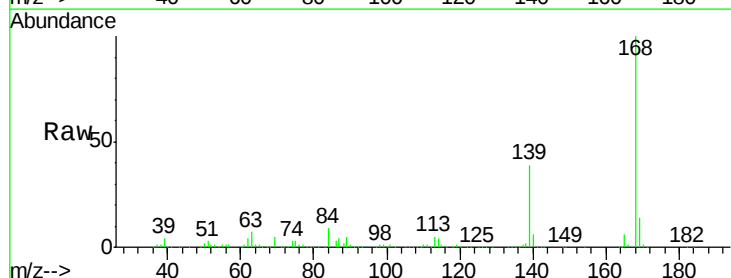
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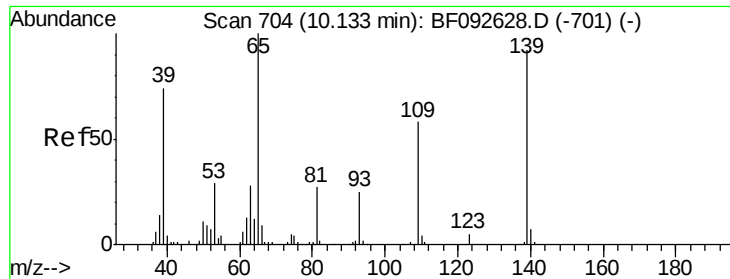
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#54
Dibenzofuran
Concen: 38.40 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940453		
139	39.0	32.6	49.0	
169	13.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 84.01 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF092923.D

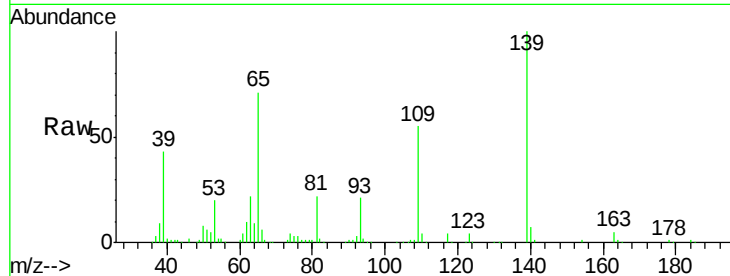
Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

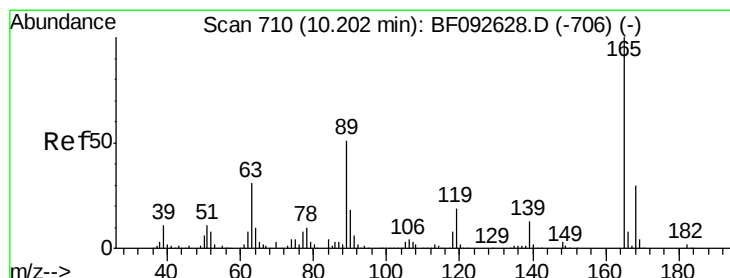
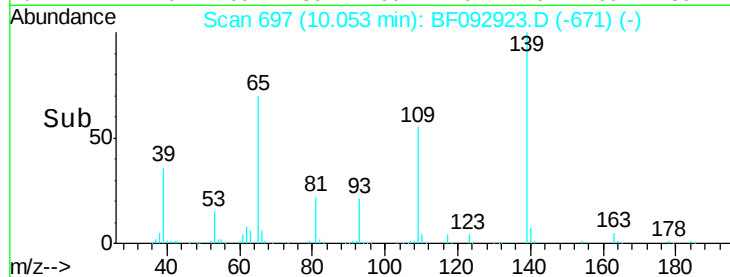
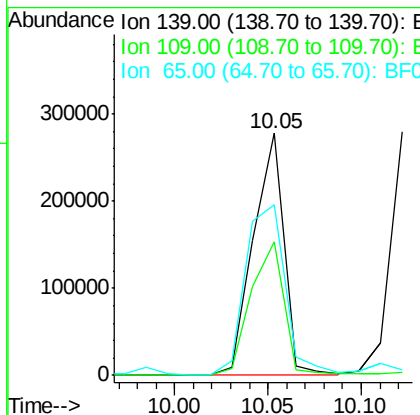
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	315233		
109	55.4	52.2	92.2	
65	70.6	85.8	125.8	

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#56

2,4-Dinitrotoluene

Concen: 37.20 ng

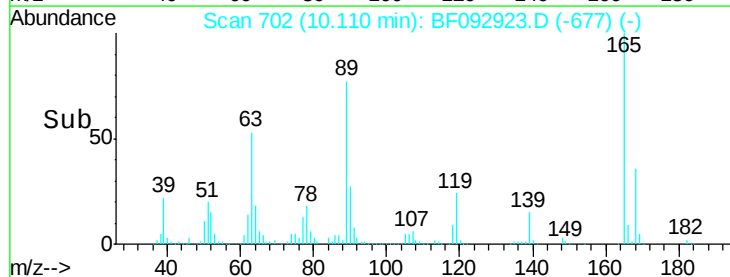
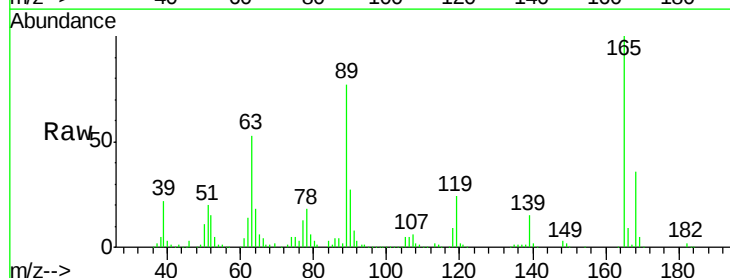
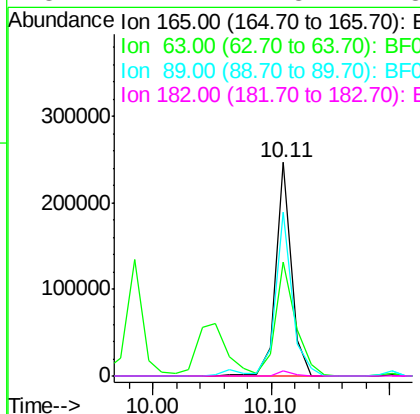
RT: 10.11 min Scan# 702

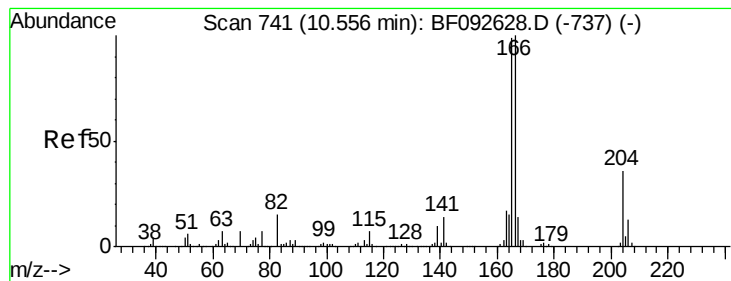
Delta R.T. -0.01 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225435		
63	53.4	40.2	60.4	
89	77.0	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 35.70 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

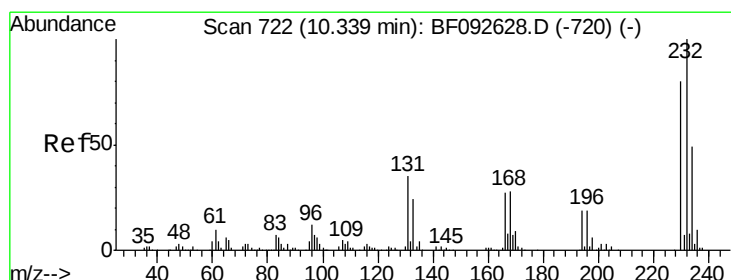
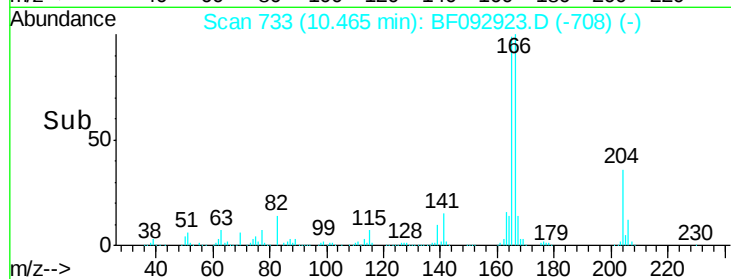
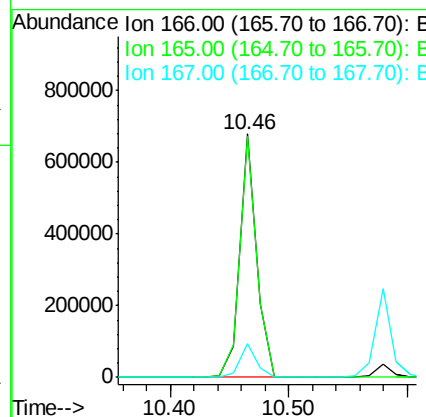
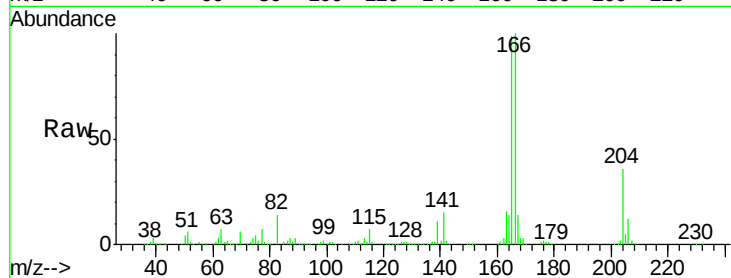
ClientSampleId :

PB96881BS

Tgt Ion:	166	Resp:	672596
Ion Ratio	Lower	Upper	
166	100		
165	99.1	77.8	116.8
167	13.8	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.87 ng

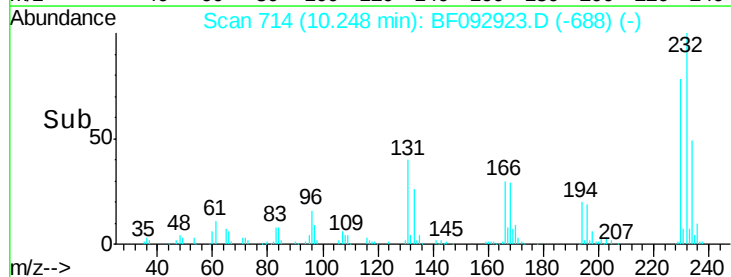
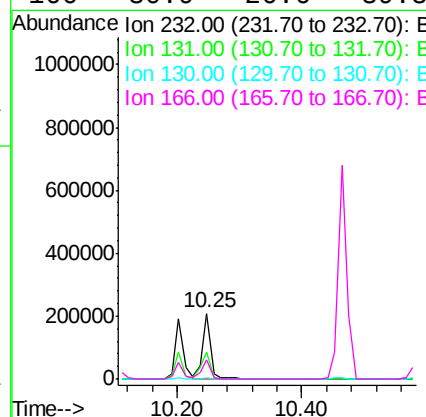
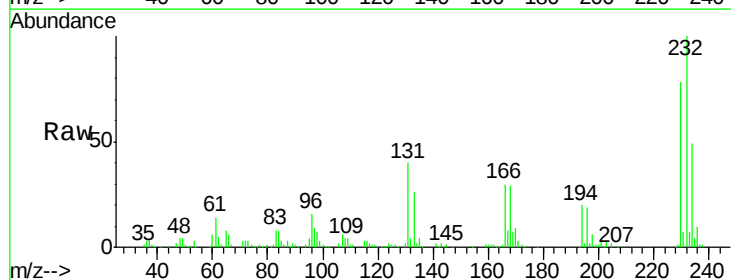
RT: 10.25 min Scan# 714

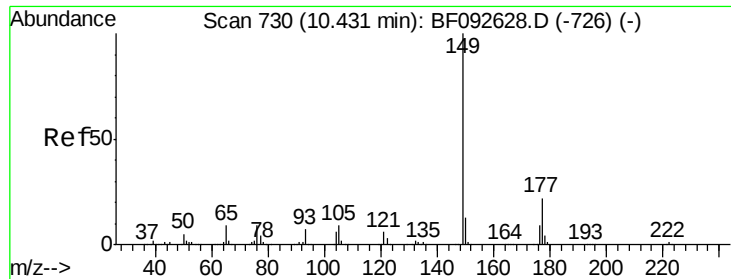
Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	232	Resp:	193538
Ion Ratio	Lower	Upper	
232	100		
131	46.1	40.1	60.1
130	2.1	1.8	2.8
166	30.9	26.6	39.8





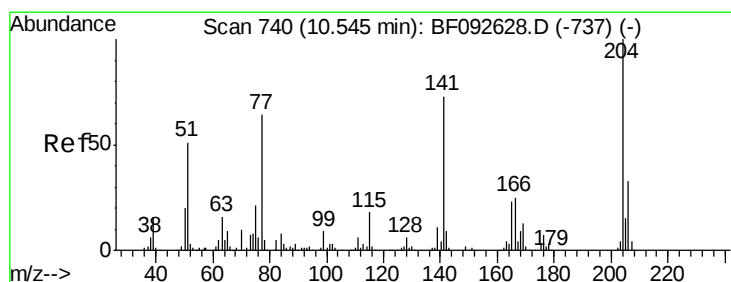
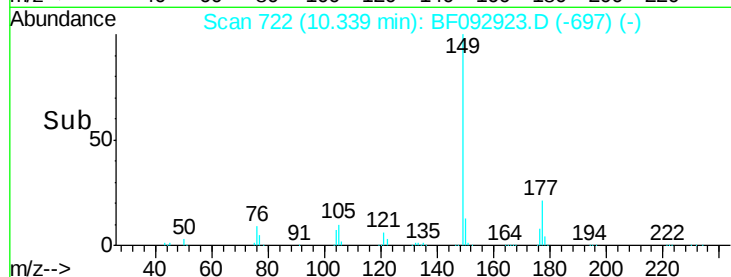
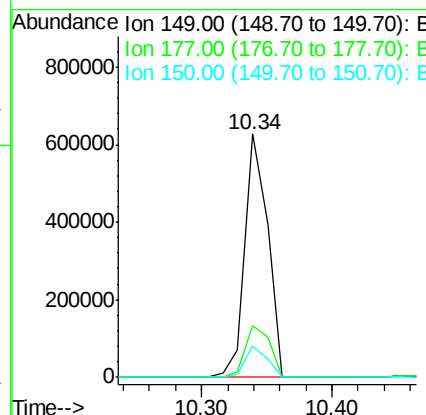
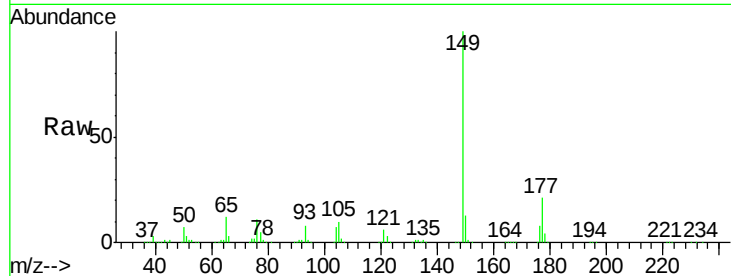
#59
Diethylphthalate
Concen: 38.16 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	13.0	10.4	15.6

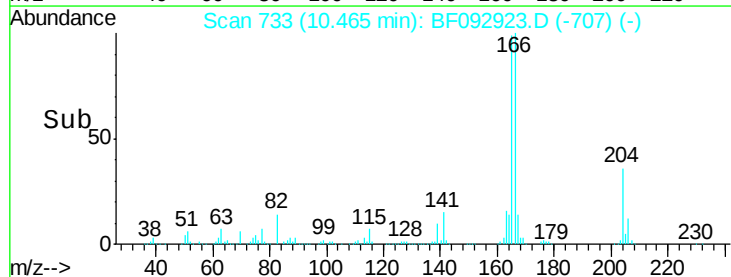
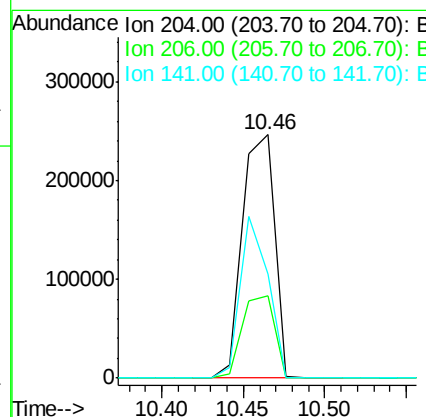
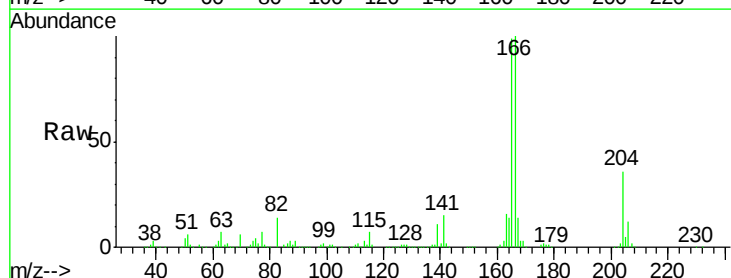
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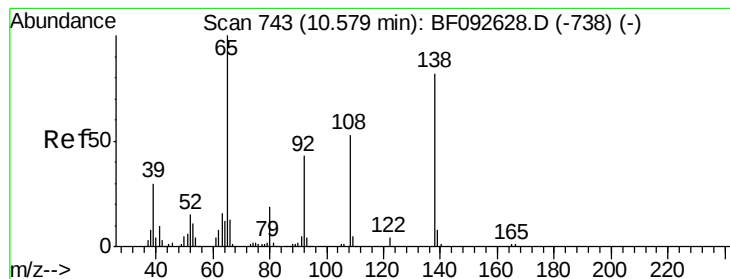
mohammad
2/14/2017 11:30:16 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.05 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	42.5	59.4	89.0#





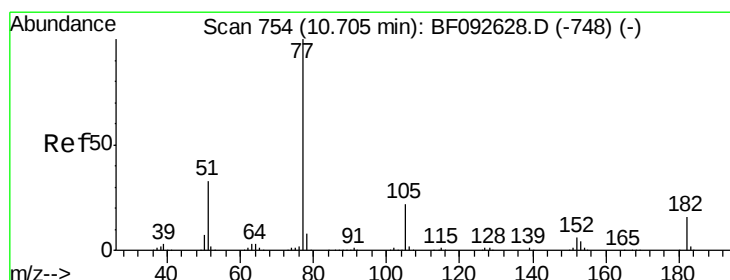
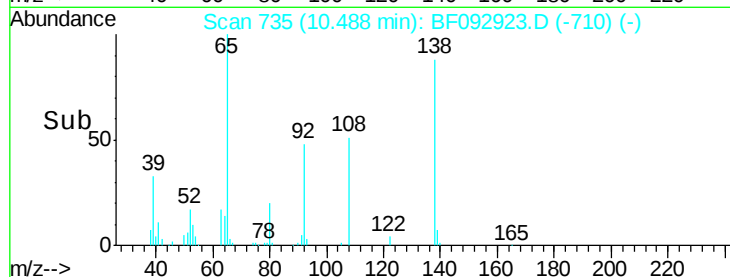
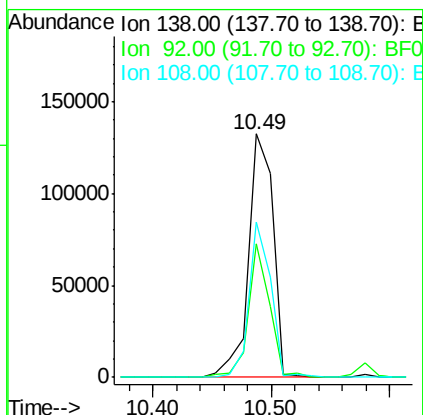
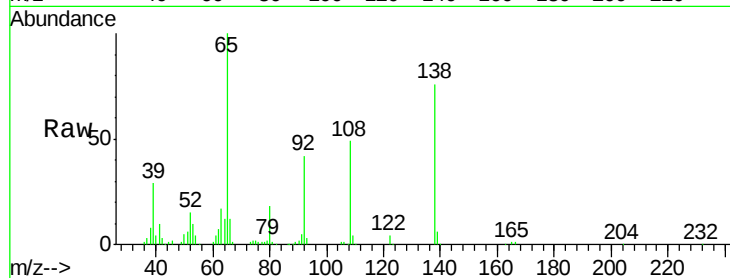
#61
4-Nitroaniline
Concen: 36.01 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	192163		
92	54.8	31.7	71.7	
108	63.9	52.6	92.6	

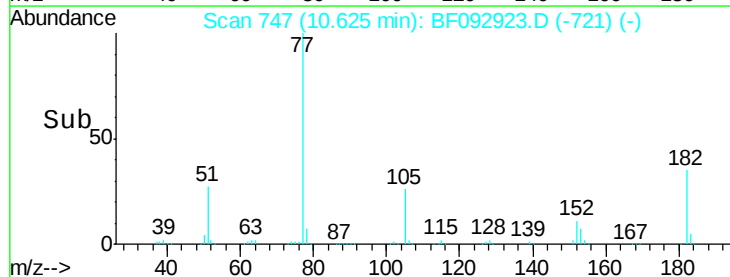
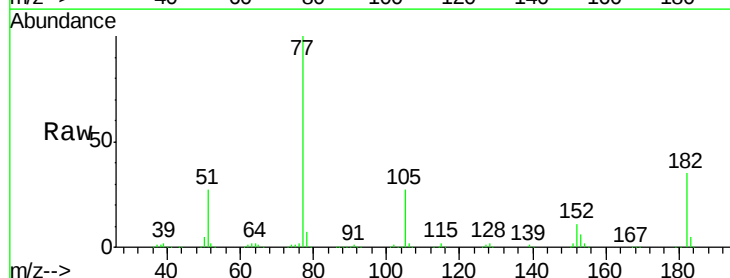
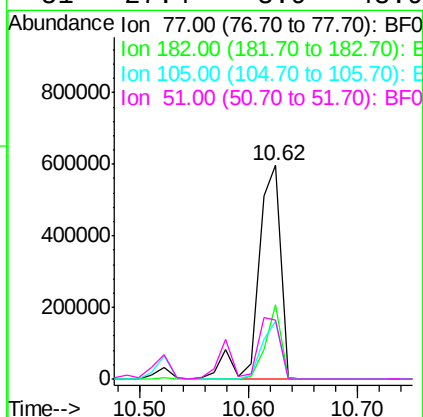
Manual Integrations
APPROVED

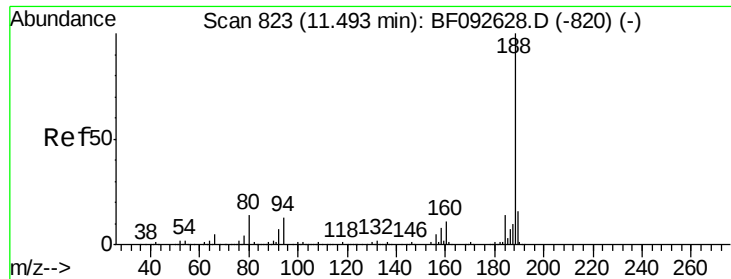
mohammad
2/14/2017 11:30:16 AM



#62
Azobenzene
Concen: 42.23 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	866624		
182	34.8	0.0	39.3	
105	26.8	2.3	42.3	
51	27.4	8.9	48.9	





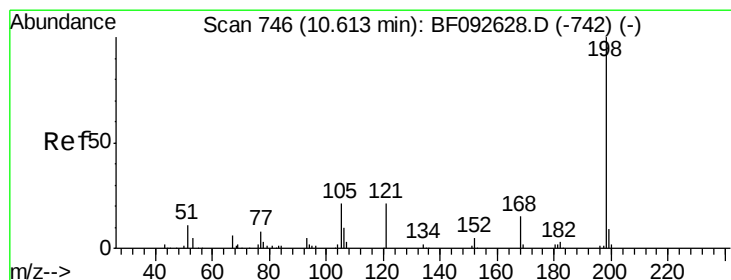
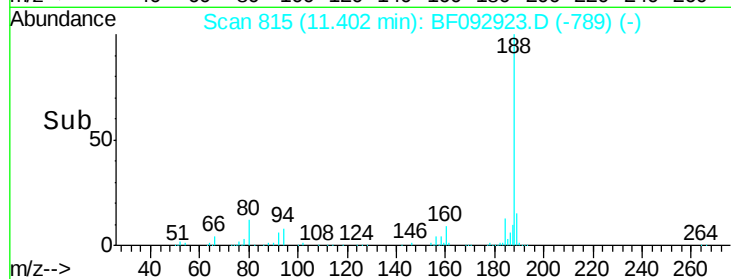
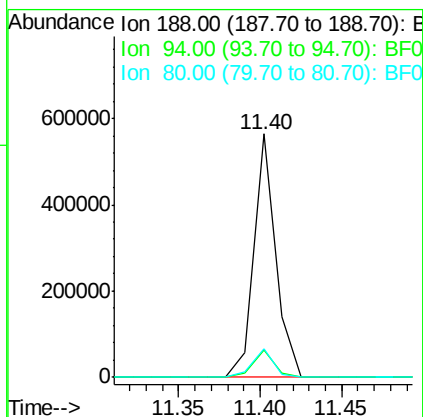
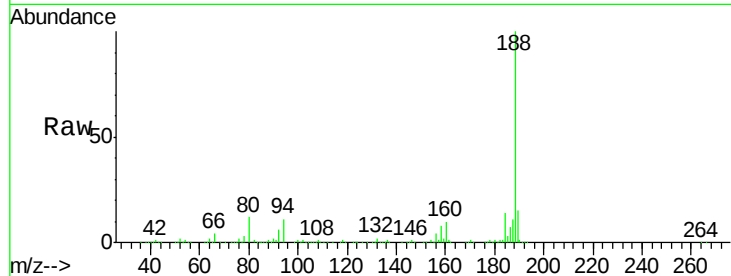
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	525114		
94	11.4		10.0	15.0
80	12.0		11.2	16.8

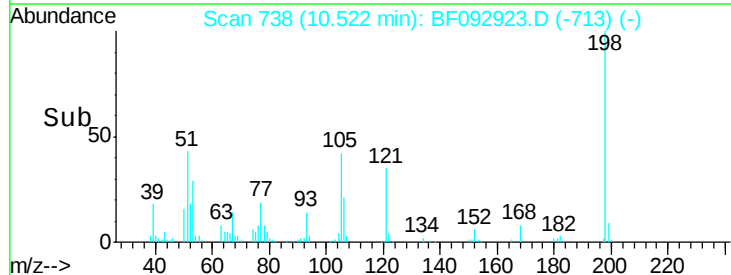
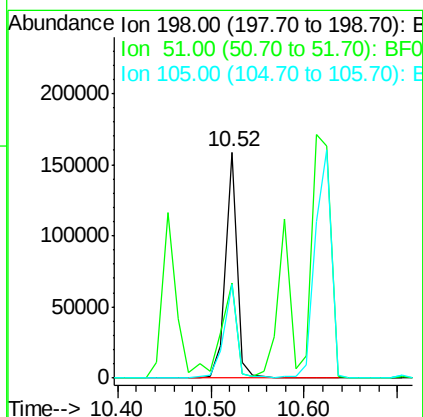
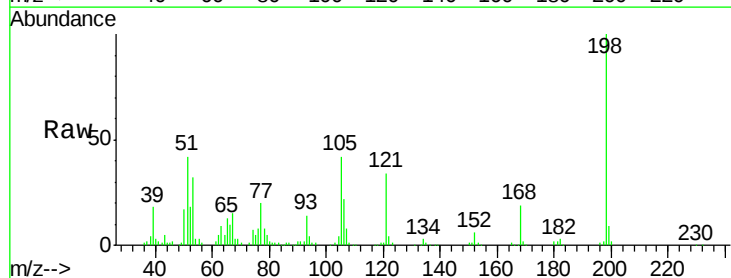
Manual Integrations
APPROVED

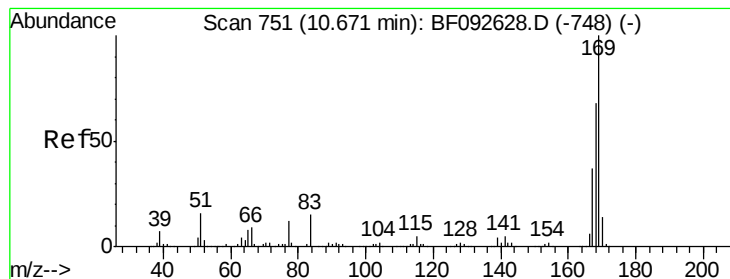
mohammad
2/14/2017 11:30:16 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.04 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136626		
51	42.3		6.7	46.7
105	41.5		16.6	56.6





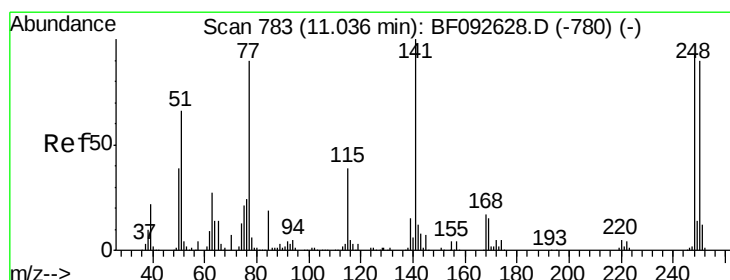
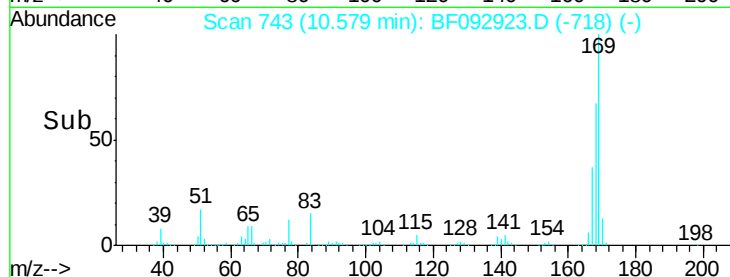
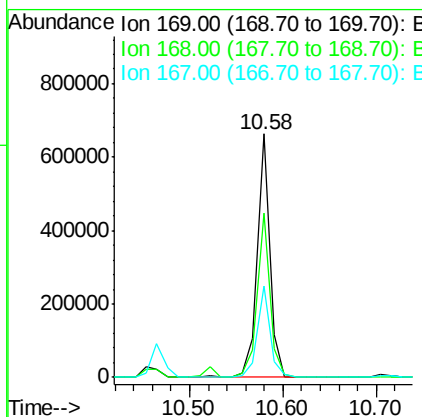
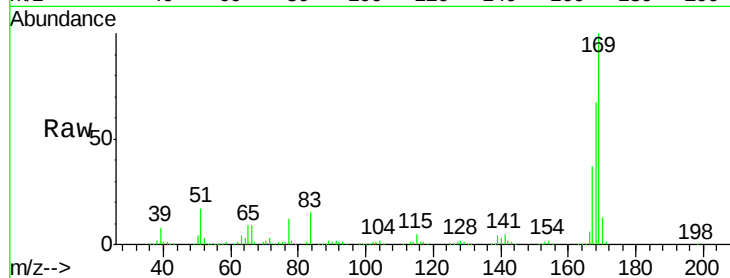
#65
n-Nitrosodiphenylamine
Concen: 37.01 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	620910		
168	67.4	54.2	81.2	
167	37.4	30.2	45.4	

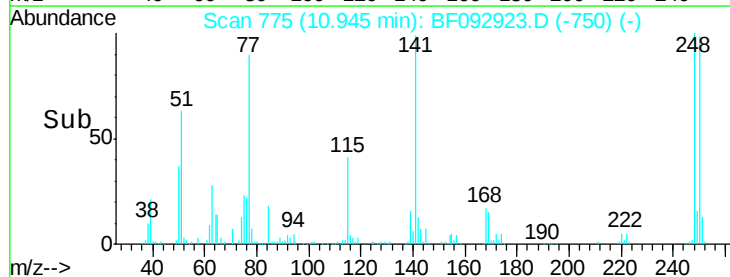
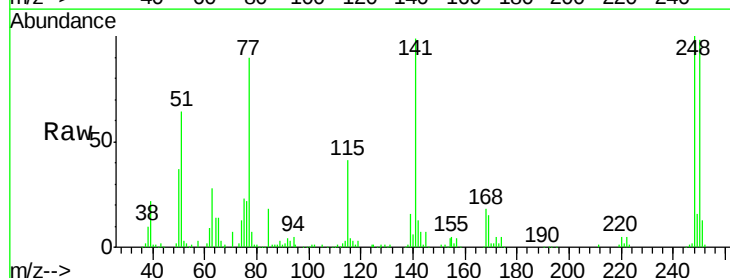
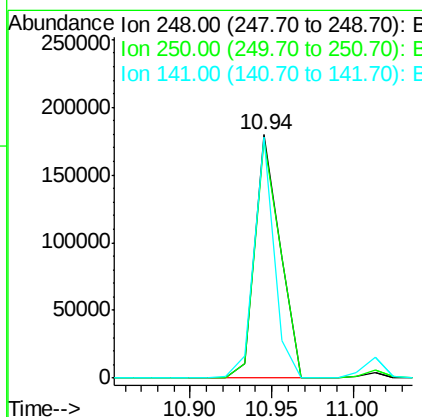
Manual Integrations
APPROVED

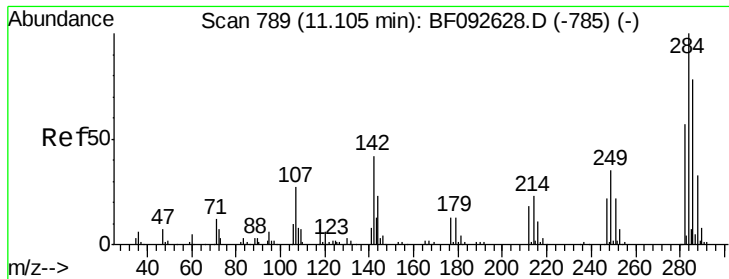
mohammad
2/14/2017 11:30:16 AM



#66
4-Bromophenyl-phenylether
Concen: 35.17 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	192955		
250	98.1	76.9	115.3	
141	99.1	68.2	102.4	





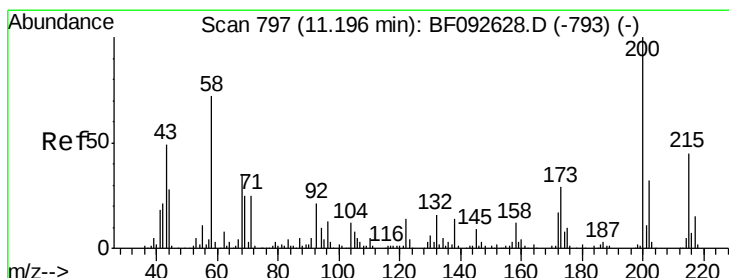
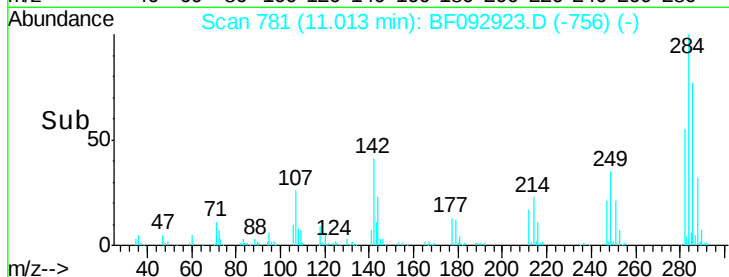
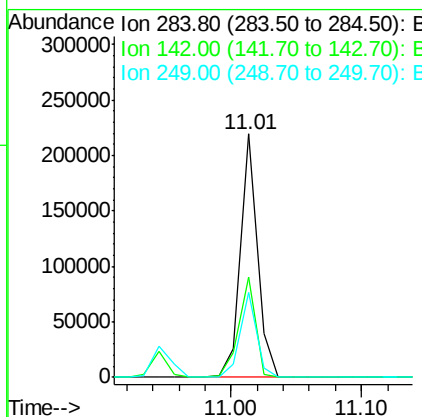
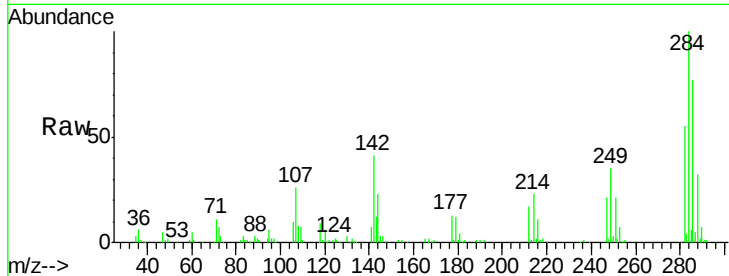
#67
Hexachlorobenzene
Concen: 36.29 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampled :
PB96881BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	40.9	22.6	33.8#
249	34.7	25.4	38.0

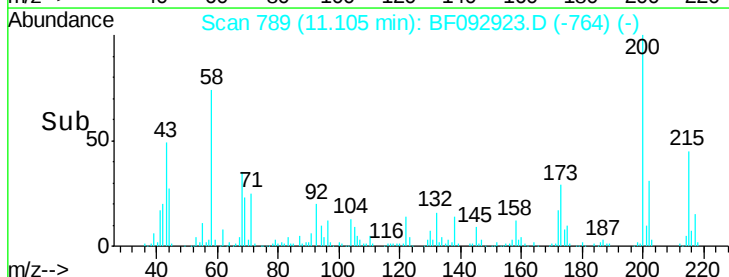
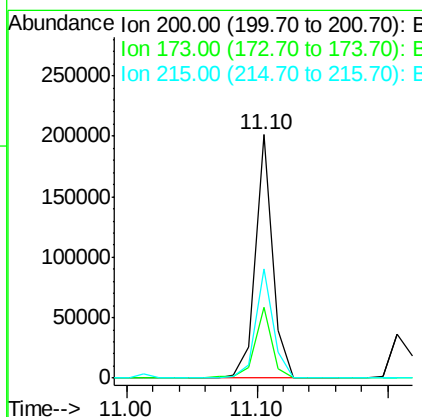
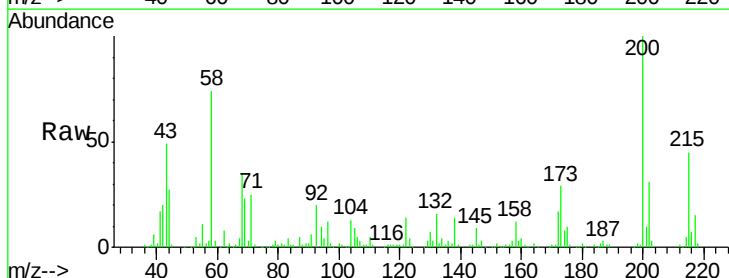
Manual Integrations
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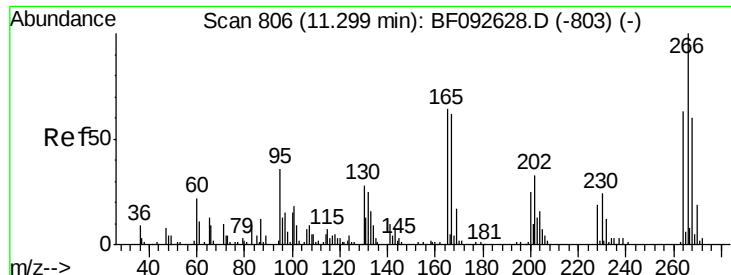
mohammad
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#68
Atrazine
Concen: 34.36 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	9.6	49.6
215	45.1	25.7	65.7





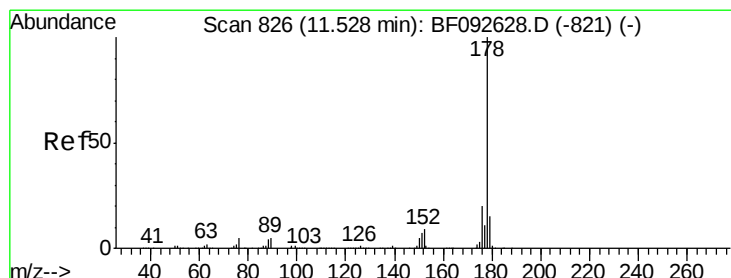
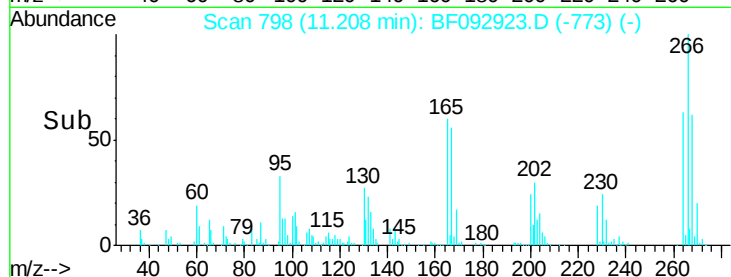
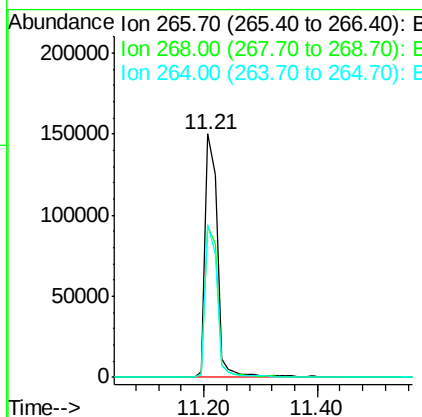
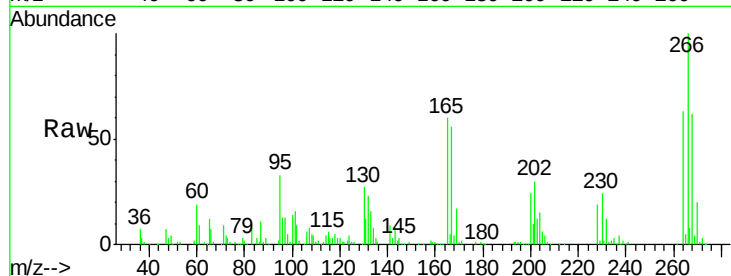
#69
 Pentachlorophenol
 Concen: 76.85 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	53.3	79.9
264	62.8	50.3	75.5

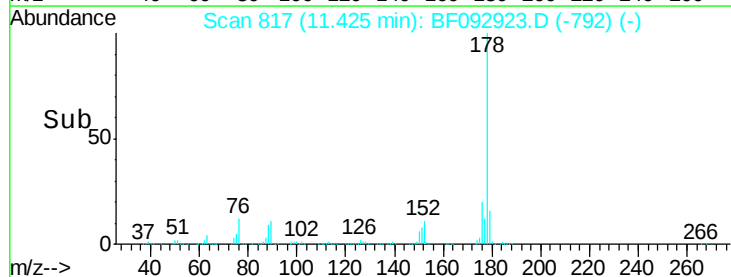
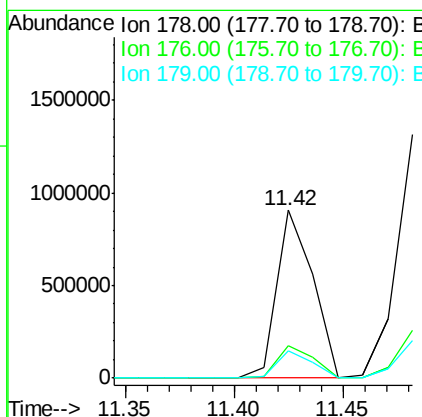
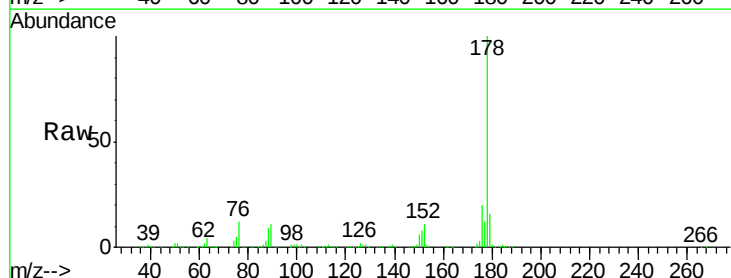
Manual Integrations
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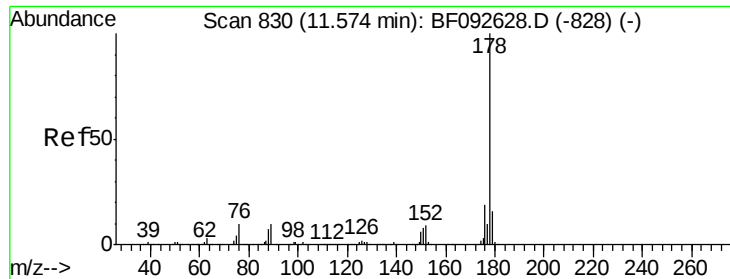
mohammad
 2/14/2017 11:30:16 AM



#70
 Phenanthrene
 Concen: 34.89 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.0	12.8	19.2





#71

Anthracene

Concen: 38.87 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96881BS

Tgt Ion:178 Resp: 1174215

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

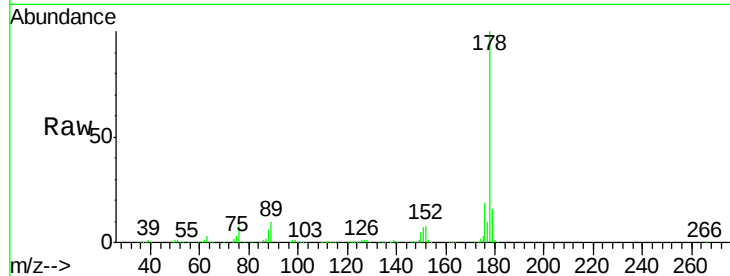
179 15.5 13.2 19.8

Manual Integrations

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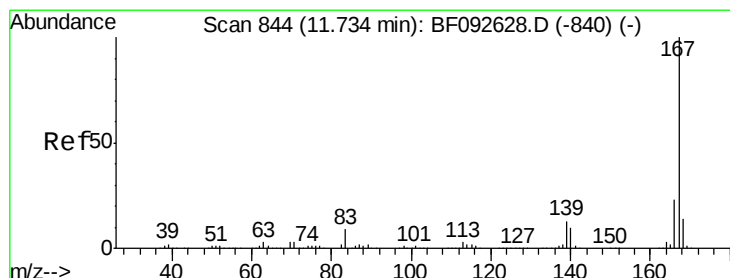
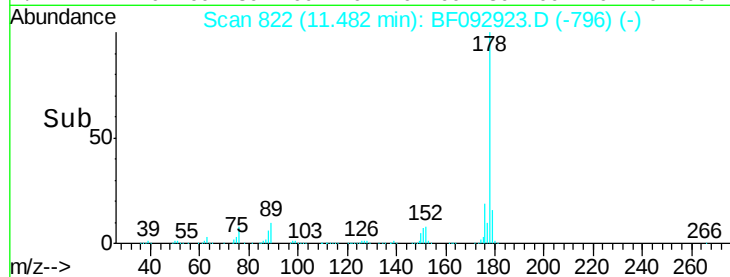
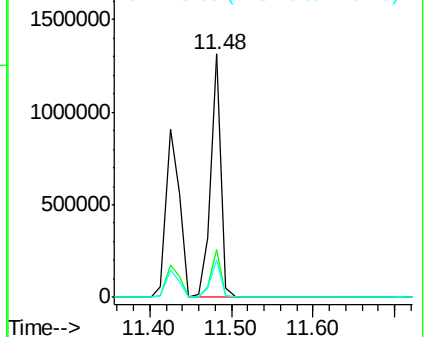
2/14/2017 11:30:16 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.82 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

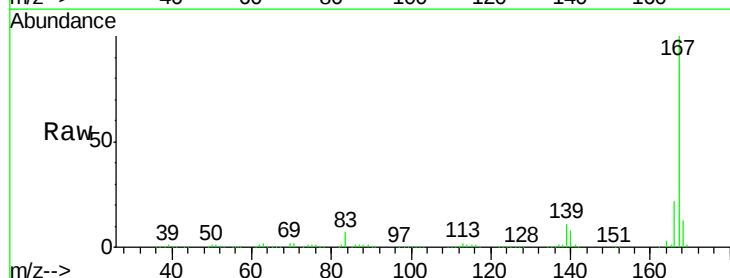
Tgt Ion:167 Resp: 1063237

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

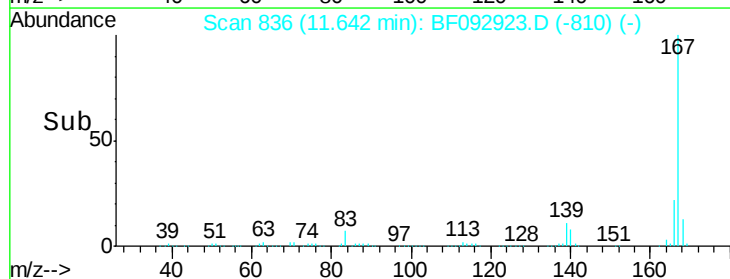
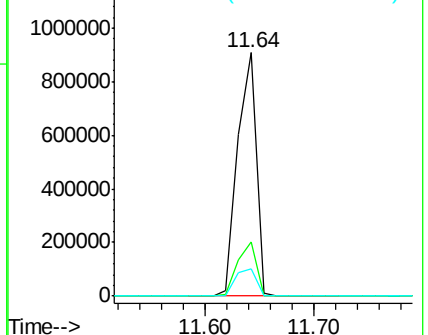
139 11.3 11.4 17.2#

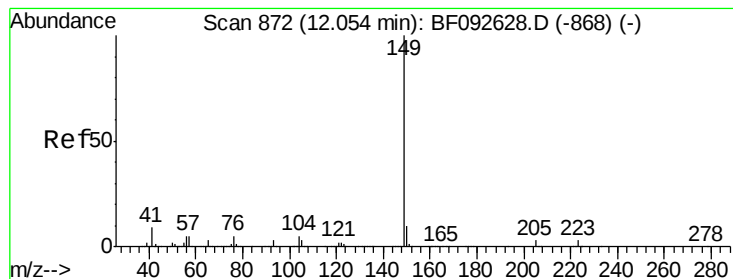


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.68 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

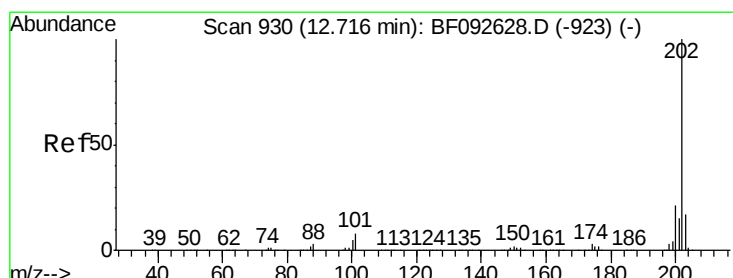
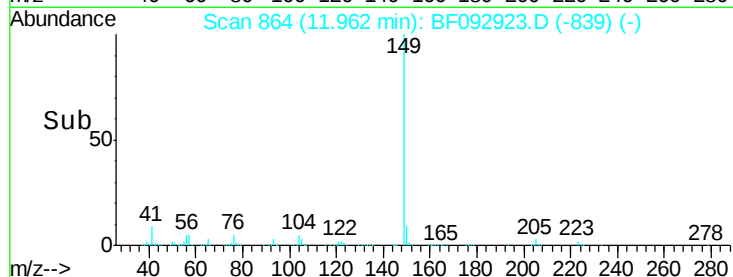
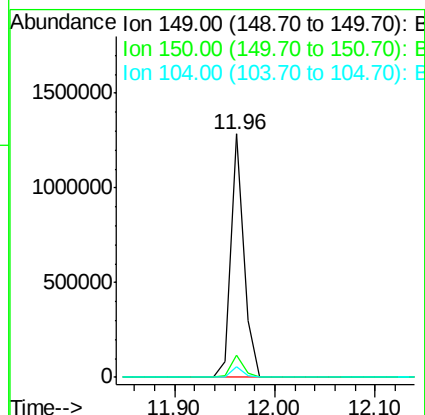
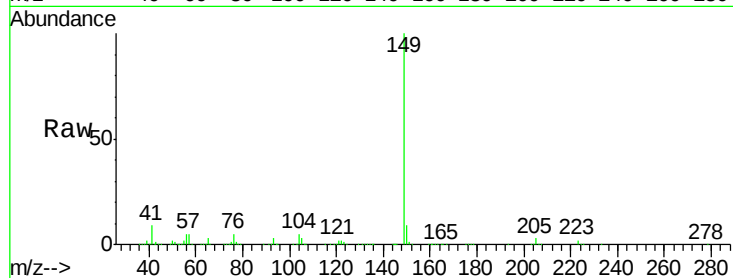
PB96881BS

Tgt Ion:149 Resp: 1145566

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.6	4.6	7.0

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#74

Fluoranthene

Concen: 33.81 ng

RT: 12.61 min Scan# 921

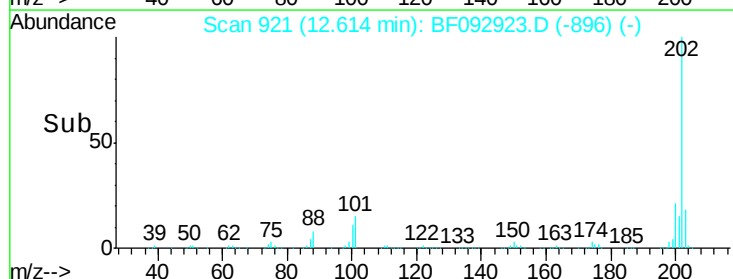
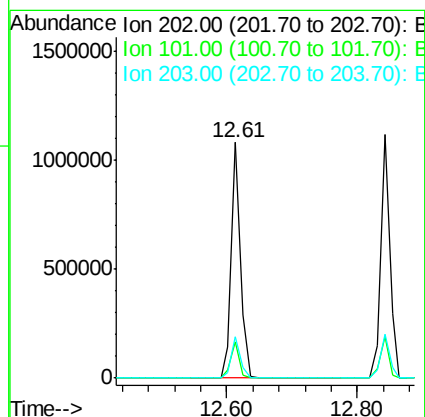
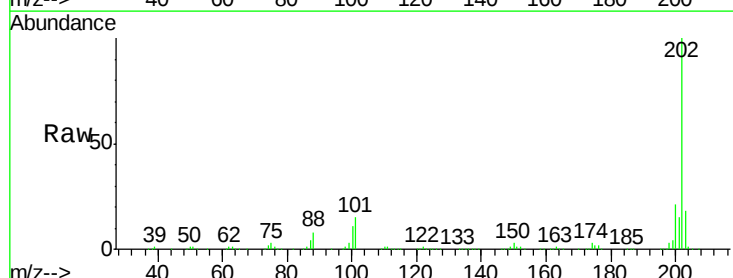
Delta R.T. -0.01 min

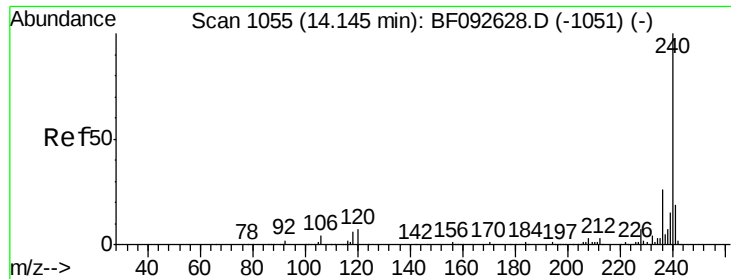
Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:202 Resp: 1049278

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.6
203	17.8	0.0	38.7





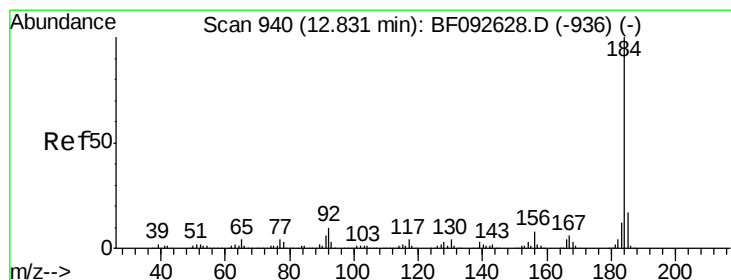
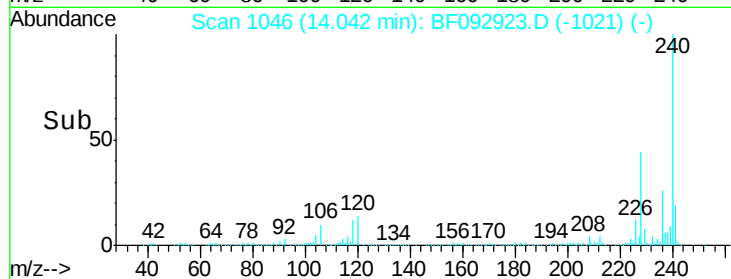
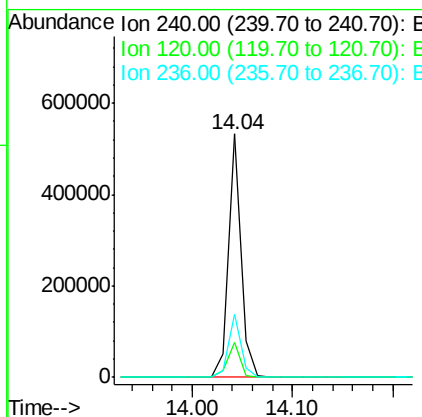
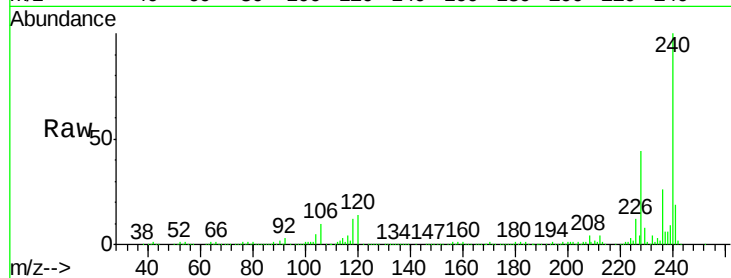
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	460502		
120	14.4	12.9	19.3	
236	26.1	20.9	31.3	

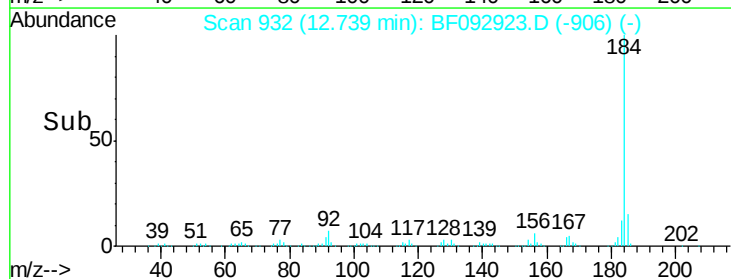
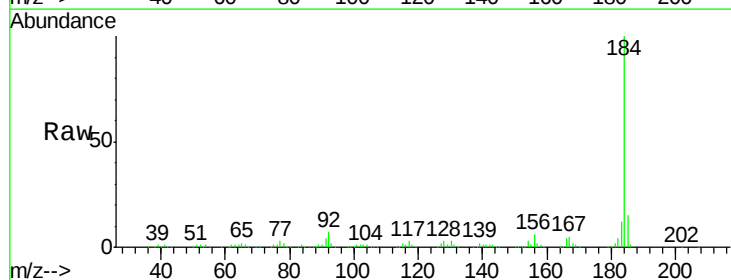
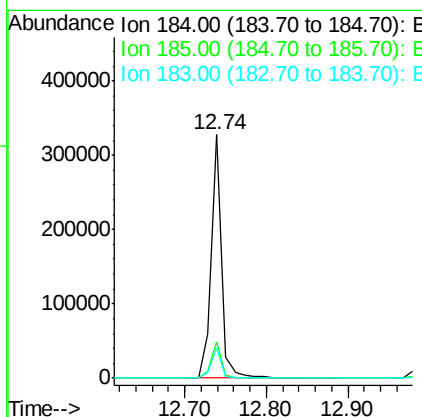
Manual Integrations
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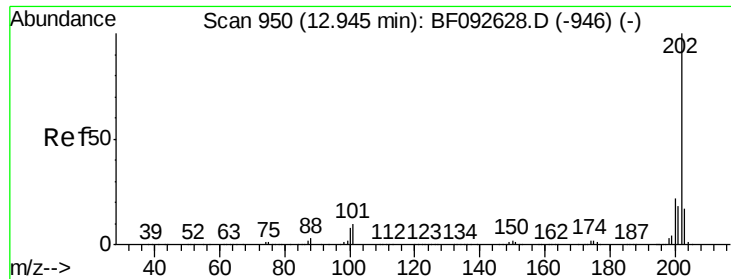
mohammad
2/14/2017 11:30:16 AM



#76
Benzidine
Concen: 15.22 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	298582		
185	14.9	13.4	20.0	
183	12.0	9.2	13.8	





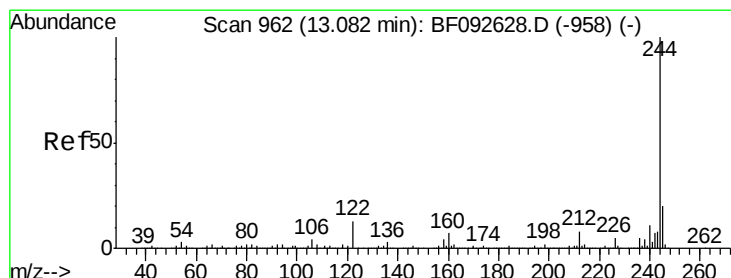
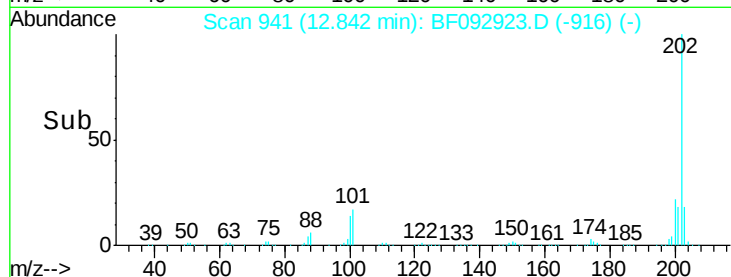
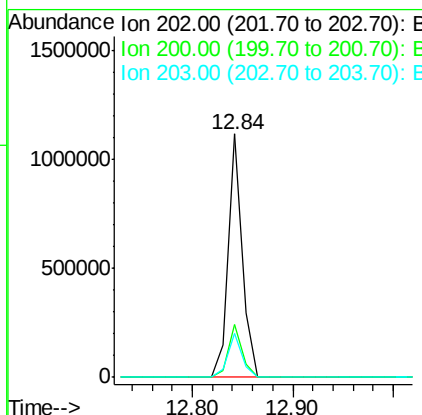
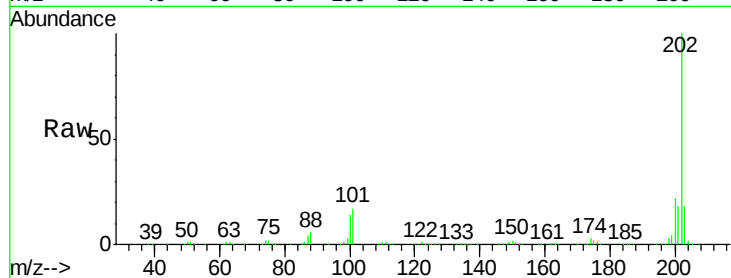
#77
 Pyrene
 Concen: 31.47 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampled :
 PB96881BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.7	22.1

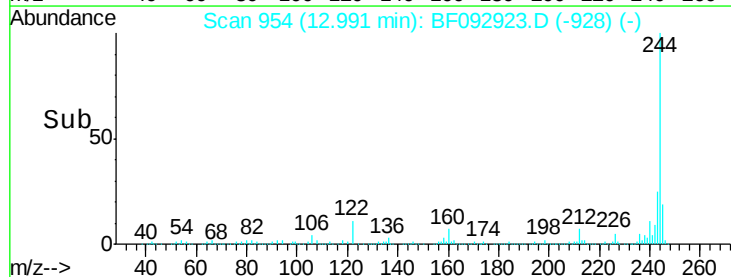
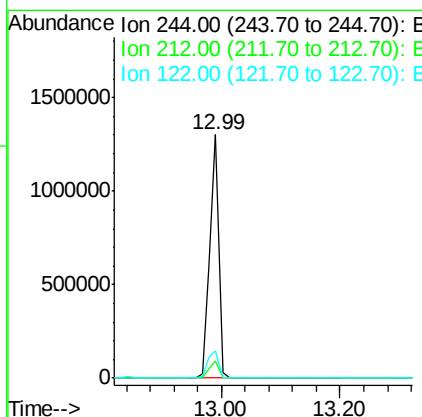
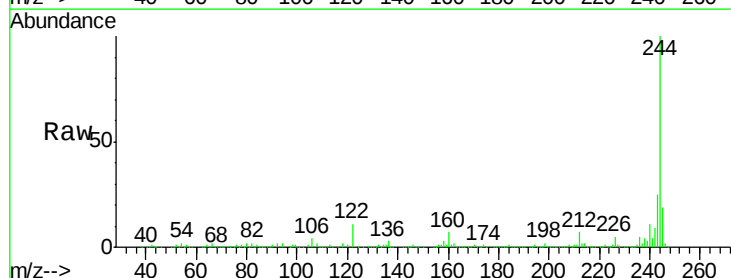
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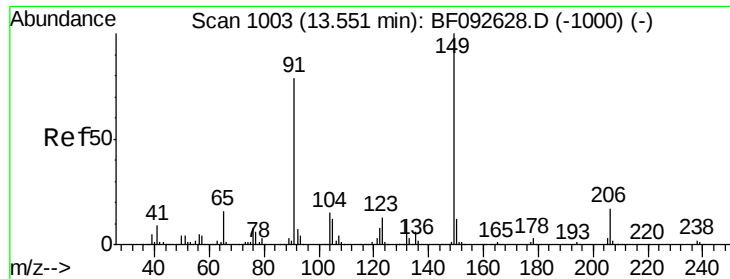
mohammad
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#78
 Terphenyl-d14
 Concen: 68.98 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.0	11.4	17.2#





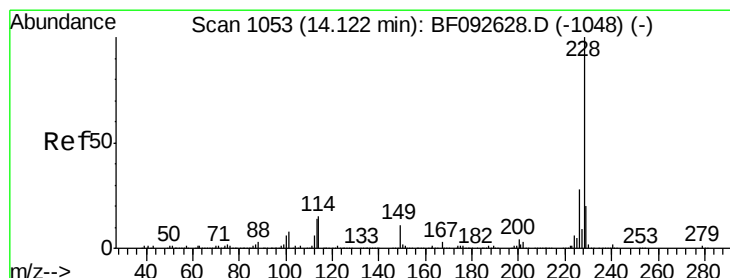
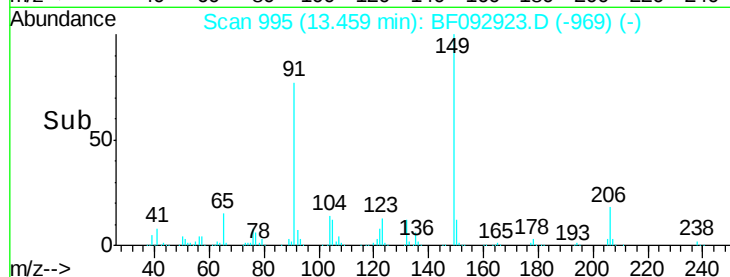
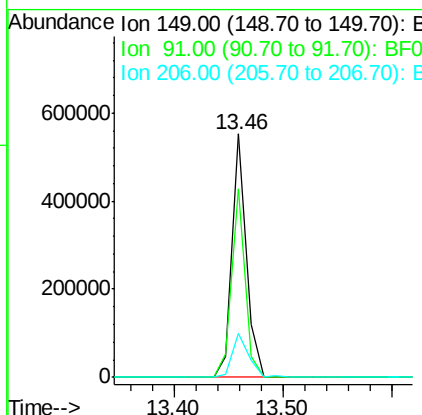
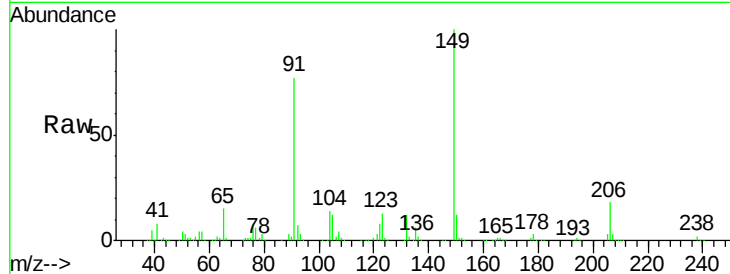
#79
Butylbenzylphthalate
Concen: 35.49 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	496728		
91	77.5	63.9	95.9	
206	18.3	14.6	21.8	

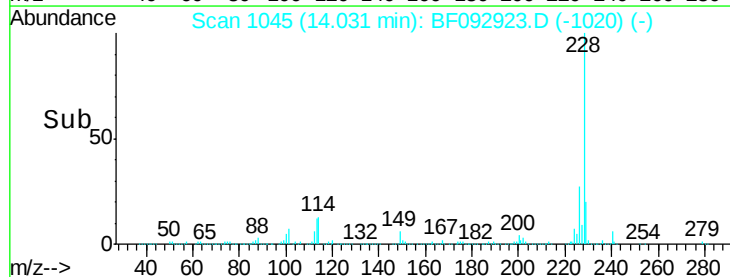
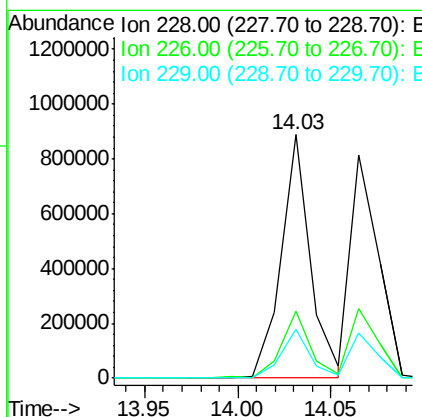
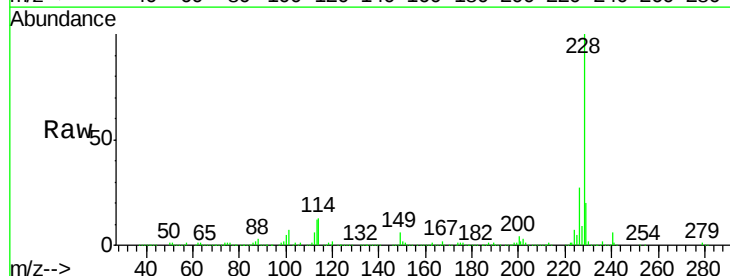
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#80
Benzo(a)anthracene
Concen: 34.39 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	968635		
226	27.5	22.4	33.6	
229	20.0	16.2	24.4	





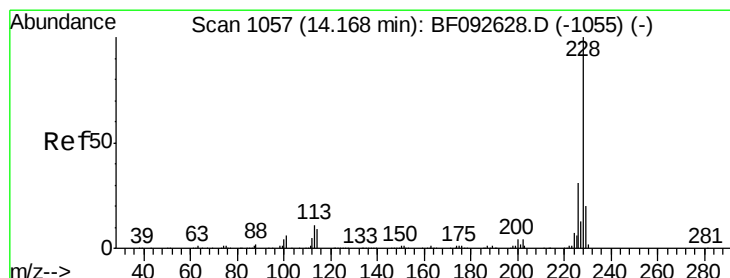
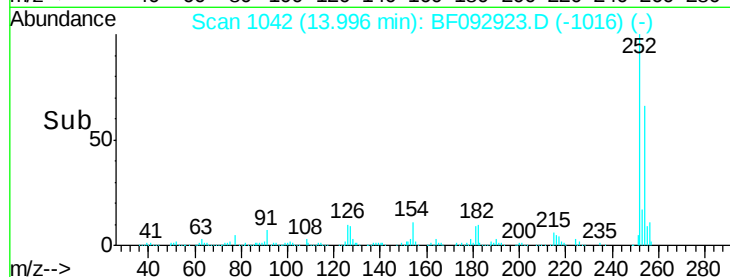
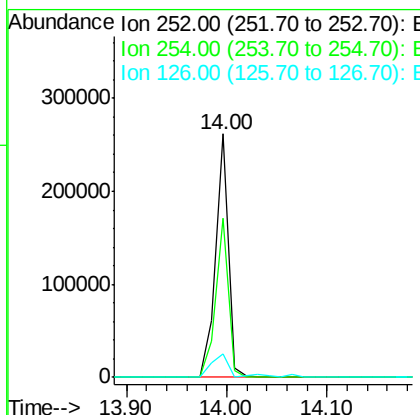
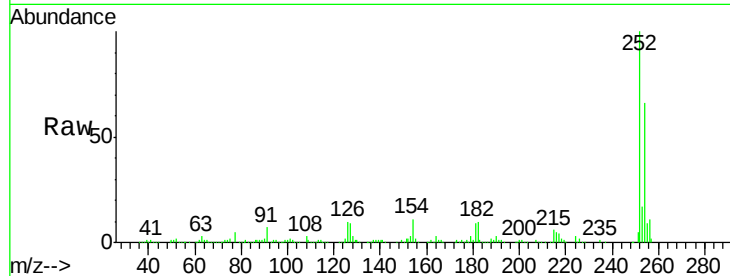
#81
 3,3'-Dichlorobenzidine
 Concen: 23.03 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	52.3	78.5
126	9.6	13.6	20.4

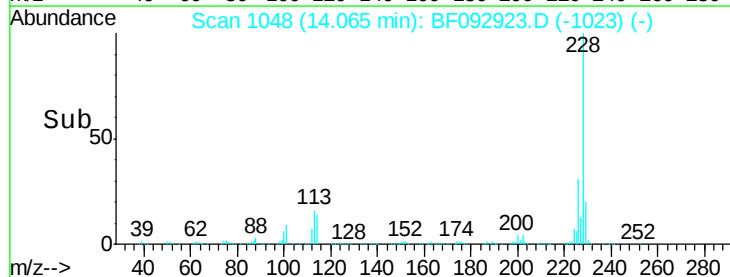
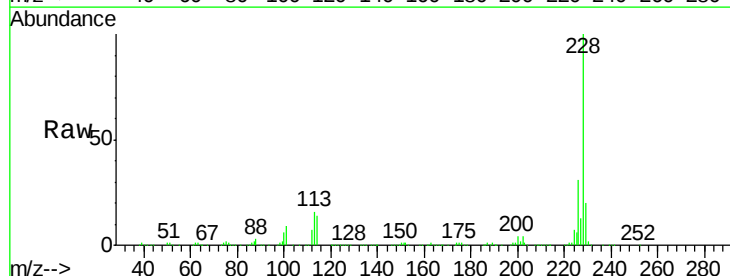
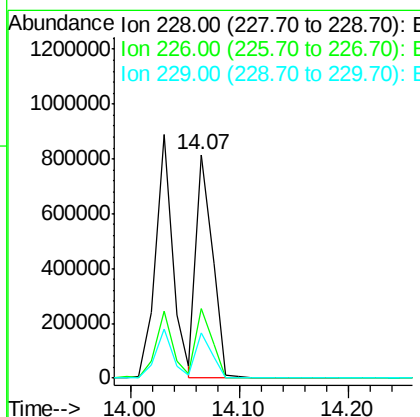
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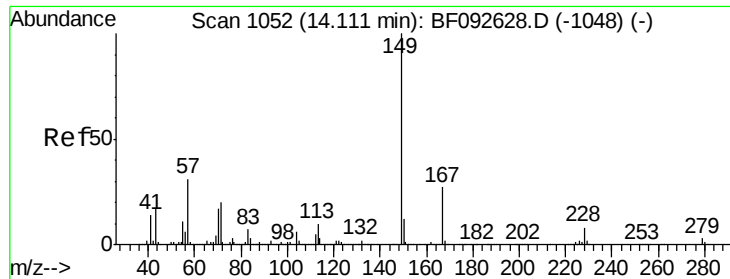
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#82
 Chrysene
 Concen: 32.72 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.45 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Instrument :

BNA_F

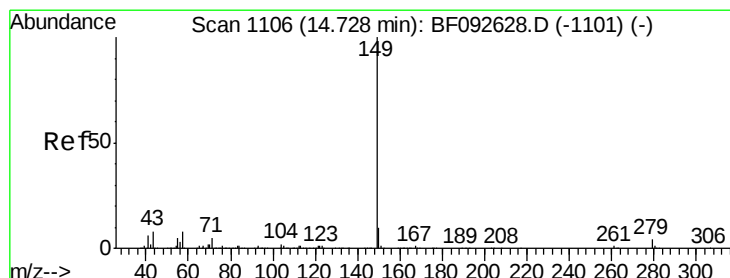
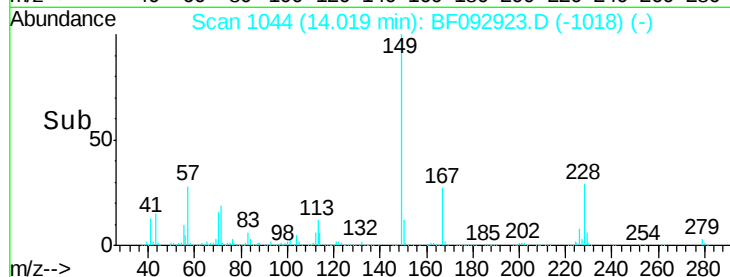
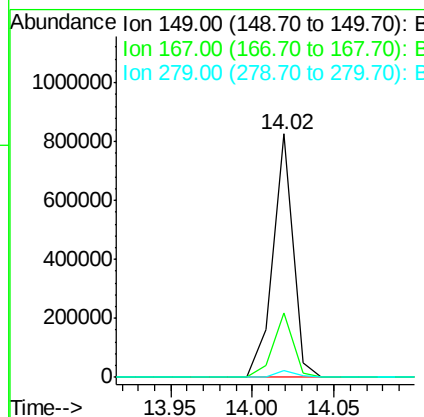
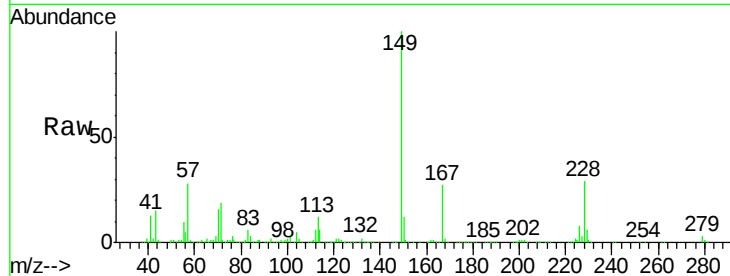
ClientSampleId :

PB96881BS

Tgt Ion:	149	Resp:	716846
Ion Ratio	Lower	Upper	
149	100		
167	26.6	20.2	30.4
279	3.0	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 39.28 ng

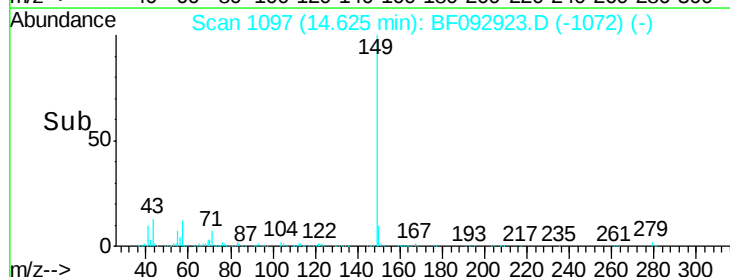
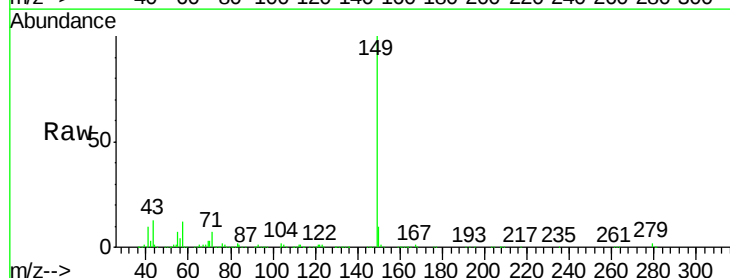
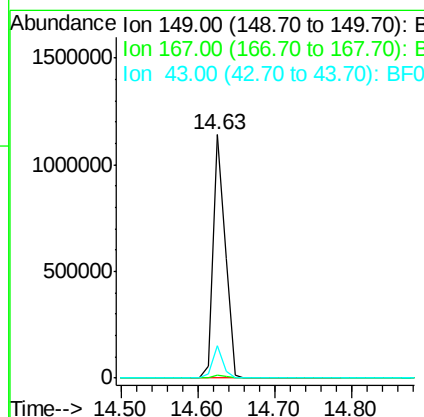
RT: 14.63 min Scan# 1097

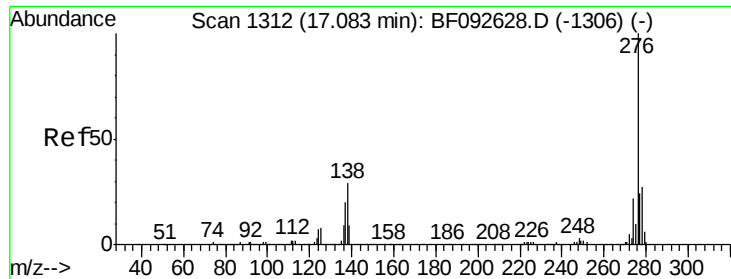
Delta R.T. -0.01 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion:	149	Resp:	1224209
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.2	8.9	13.3





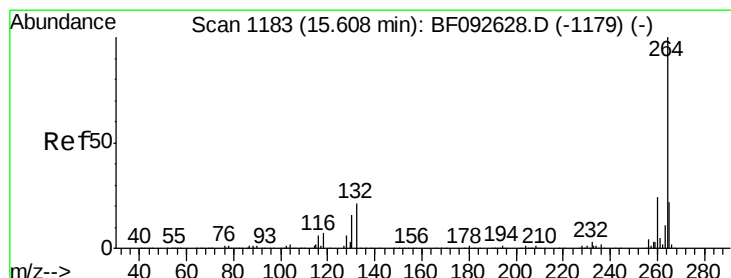
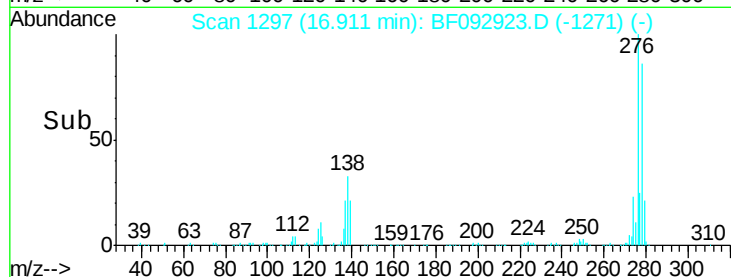
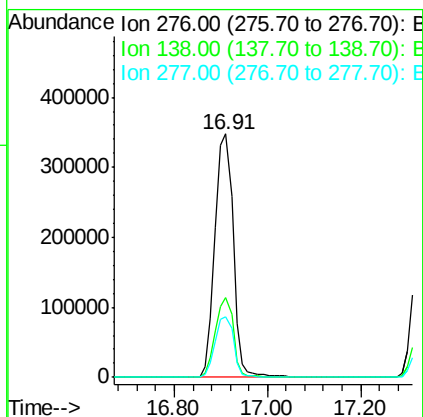
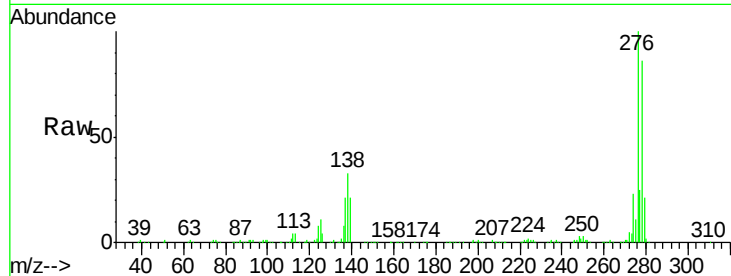
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.75 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	25.1	20.2	30.4

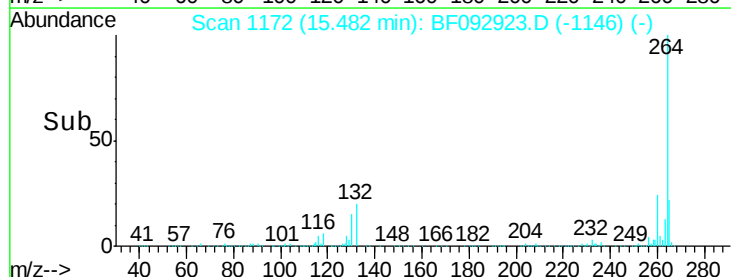
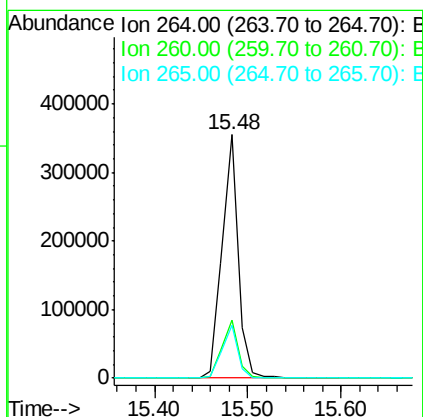
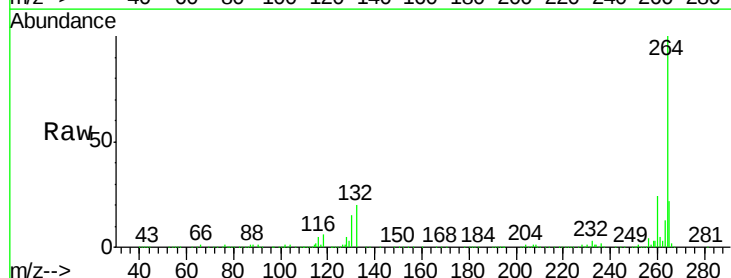
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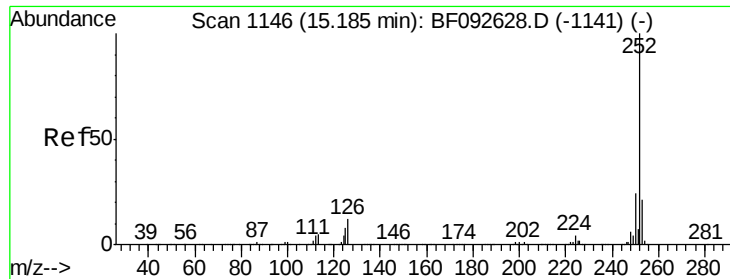
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.21 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

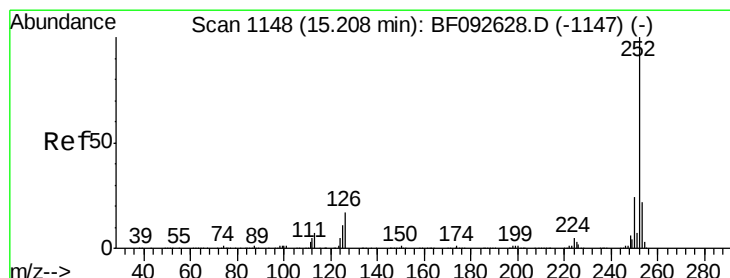
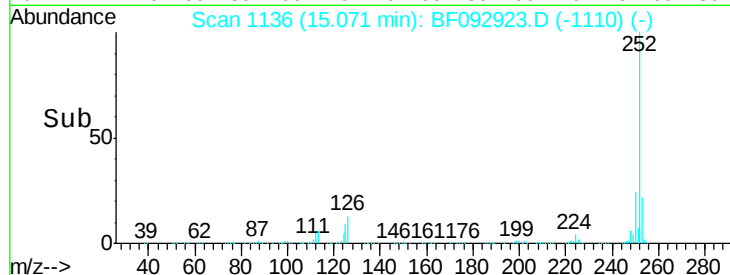
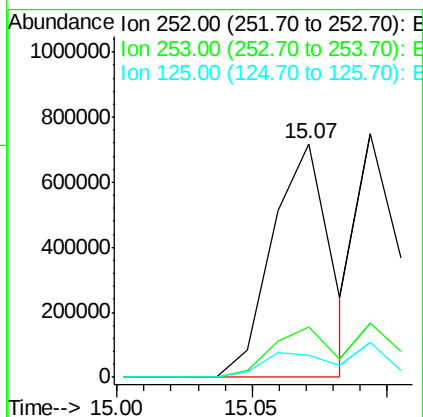
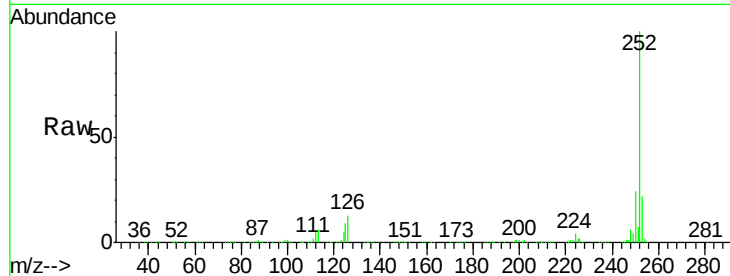
Instrument :
BNA_F

ClientSampled :
PB96881BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	9.5	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 32.83 ng m

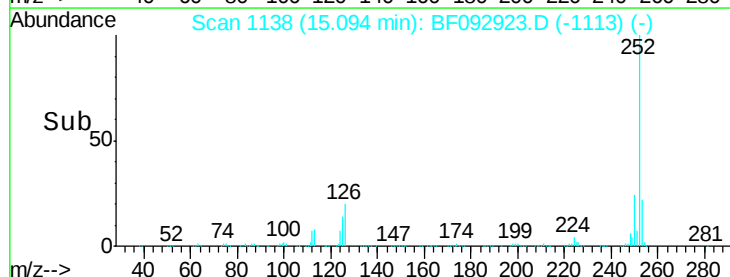
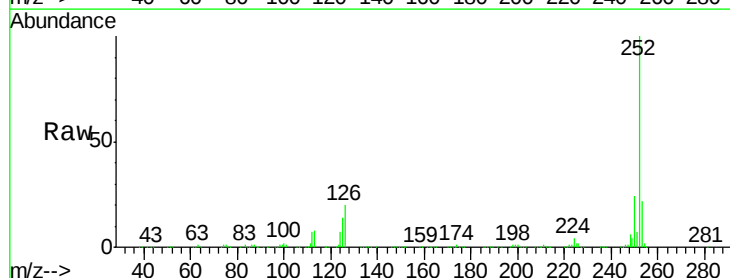
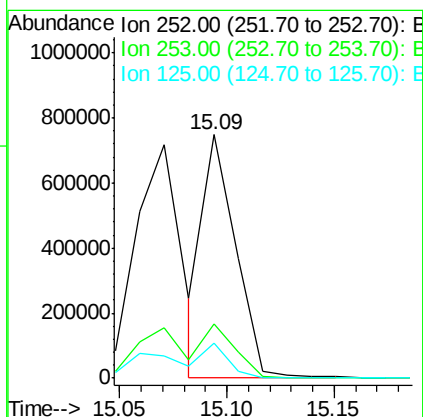
RT: 15.09 min Scan# 1138

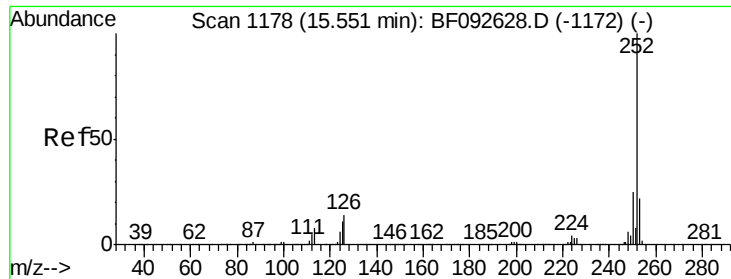
Delta R.T. -0.01 min

Lab File: BF092923.D

Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	14.1	8.9	13.3





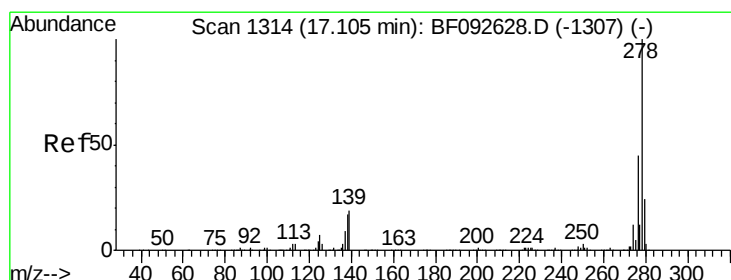
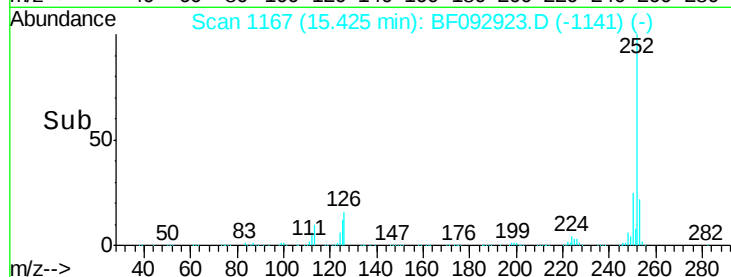
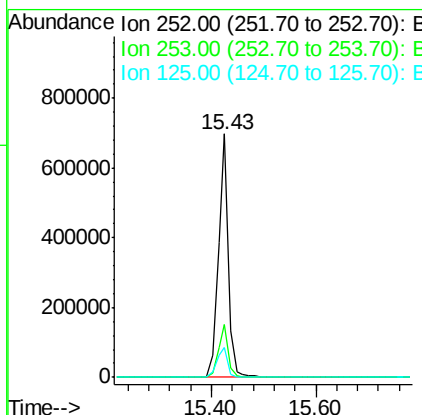
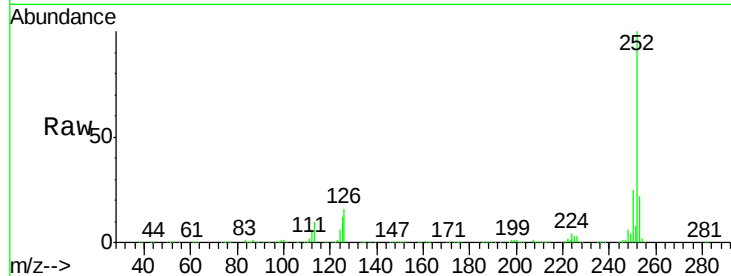
#89
Benzo(a)pyrene
Concen: 37.45 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	907635		
253	21.9		18.2	27.2
125	12.1		10.0	15.0

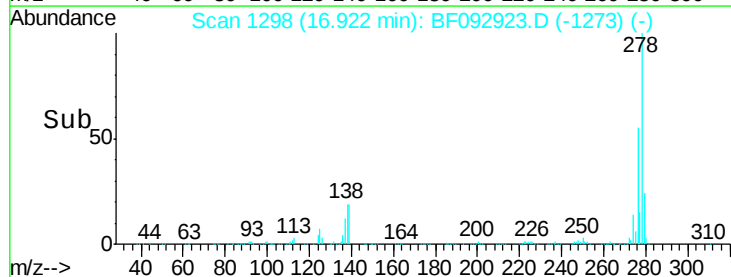
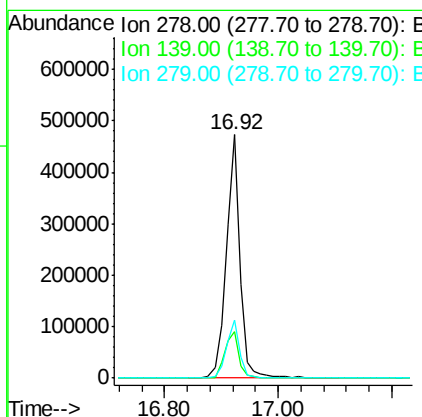
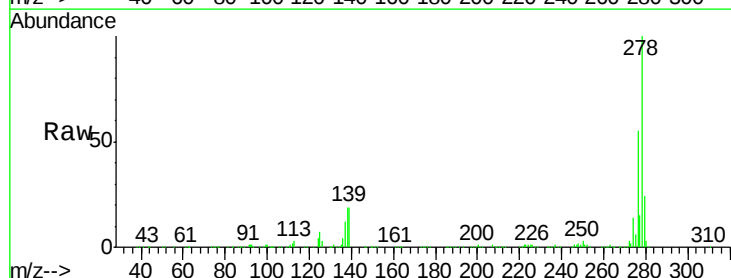
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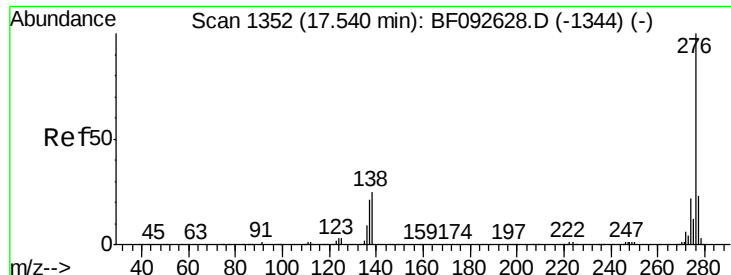
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#90
Dibenzo(a,h)anthracene
Concen: 40.54 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF092923.D
Acq: 13 Feb 2017 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	794137		
139	19.2		14.8	22.2
279	23.8		19.8	29.6





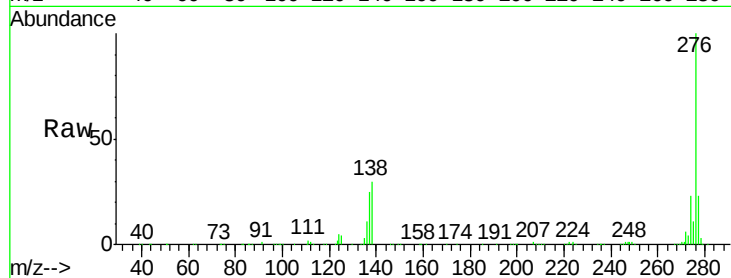
#91
 Benzo(g,h,i)perylene
 Concen: 41.06 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF092923.D
 Acq: 13 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.1	19.2	28.8
138	30.3	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

