

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092887.D
 Acq On : 10 Feb 2017 17:12
 Operator : SJ/MA
 Sample : PB96842BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:41:02 PM

Quant Time: Feb 10 23:41:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	170748	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	688085	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	379729	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	612344	20.00	ng	0.00
75) Chrysene-d12	14.07	240	517760	20.00	ng	0.00
86) Perylene-d12	15.51	264	412685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1218277	122.41	ng	0.01
7) Phenol-d6	6.54	99	1681643	131.32	ng	0.01
23) Nitrobenzene-d5	7.47	82	1089209	88.15	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	388235	141.36	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1860816	88.78	ng	0.00
78) Terphenyl-d14	13.01	244	1686079	76.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	179752	33.42	ng	# 86
3) Pyridine	3.31	79	461918	33.78	ng	89
4) n-Nitrosodimethylamine	3.28	42	269530	41.98	ng	88
6) Aniline	6.56	93	362058	20.73	ng	# 34
8) 2-Chlorophenol	6.68	128	468840	42.70	ng	94
9) Benzaldehyde	6.44	77	163876	17.86	ng	99
10) Phenol	6.56	94	708649	47.30	ng	# 78
11) bis(2-Chloroethyl)ether	6.64	93	515856	43.14	ng	97
12) 1,3-Dichlorobenzene	6.83	146	518111m	40.29	ng	
13) 1,4-Dichlorobenzene	6.91	146	546500	41.99	ng	97
14) 1,2-Dichlorobenzene	7.07	146	527515	42.38	ng	95
15) Benzyl Alcohol	7.05	79	430868	45.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	884279	42.56	ng	96
17) 2-Methylphenol	7.16	107	430724	45.73	ng	97
18) Hexachloroethane	7.41	117	188841	42.50	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	366828	45.00	ng	# 94
20) 3+4-Methylphenols	7.31	107	484000	42.98	ng	# 78
22) Acetophenone	7.31	105	634069	40.36	ng	# 93
24) Nitrobenzene	7.48	77	500398	39.44	ng	99
25) Isophorone	7.72	82	1002617	43.54	ng	97
26) 2-Nitrophenol	7.80	139	294029	48.75	ng	93
27) 2,4-Dimethylphenol	7.85	122	493041	46.55	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	676651	44.37	ng	99
29) 2,4-Dichlorophenol	8.04	162	432836	43.82	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	445614	41.86	ng	94
31) Naphthalene	8.20	128	1362889	39.07	ng	99
32) Benzoic acid	7.98	122	271001	45.58	ng	97
33) 4-Chloroaniline	8.26	127	153872	11.25	ng	97
34) Hexachlorobutadiene	8.33	225	242606	41.42	ng	98
35) Caprolactam	8.64	113	145950m	46.97	ng	
36) 4-Chloro-3-methylphenol	8.75	107	464252	45.08	ng	98
37) 2-Methylnaphthalene	8.90	142	973093	43.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	428687	40.22	ng	99
40) Hexachlorocyclopentadiene	9.05	237	374474	77.87	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	327325	46.73	ng	93
43) 2,4,5-Trichlorophenol	9.22	196	326423	42.54	ng	96
45) 1,1'-Biphenyl	9.37	154	1207394	43.91	ng	99
46) 2-Chloronaphthalene	9.39	162	964260	44.83	ng	99
47) 2-Nitroaniline	9.48	65	285551	39.48	ng	95
48) Acenaphthylene	9.80	152	1394658	37.53	ng	99
49) Dimethylphthalate	9.66	163	1100326	43.02	ng	98
50) 2,6-Dinitrotoluene	9.73	165	269810	48.85	ng	91
51) Acenaphthene	9.97	154	929047	41.82	ng	96
52) 3-Nitroaniline	9.89	138	110453	17.47	ng	97
53) 2,4-Dinitrophenol	10.01	184	202385	72.50	ng	# 69
54) Dibenzofuran	10.14	168	1201564	40.44	ng	98
55) 4-Nitrophenol	10.08	139	380093	83.48	ng	90
56) 2,4-Dinitrotoluene	10.13	165	292839	39.82	ng	98
57) Fluorene	10.49	166	903013	39.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	257771	50.35	ng	95
59) Diethylphthalate	10.36	149	1003485	41.63	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	419520	38.20	ng	97
61) 4-Nitroaniline	10.52	138	266630	41.18	ng	83
62) Azobenzene	10.64	77	1131894	45.45	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	165175	44.52	ng	76
65) n-Nitrosodiphenylamine	10.60	169	827359	42.30	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	263933	41.26	ng	98
67) Hexachlorobenzene	11.04	284	273049	43.19	ng	# 94
68) Atrazine	11.13	200	252313	40.19	ng	99
69) Pentachlorophenol	11.23	266	286122	86.98	ng	96
70) Phenanthrene	11.45	178	1344844	38.33	ng	99
71) Anthracene	11.51	178	1551346	44.03	ng	98
72) Carbazole	11.65	167	1292207	38.37	ng	99
73) Di-n-butylphthalate	11.99	149	1600054	43.93	ng	# 98
74) Fluoranthene	12.64	202	1384753	38.27	ng	98
76) Benzidine	12.76	184	431703	19.57	ng	96
77) Pyrene	12.87	202	1382464	35.68	ng	99
79) Butylbenzylphthalate	13.48	149	674646	42.88	ng	91
80) Benzo(a)anthracene	14.05	228	1210875	38.24	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	312576	27.69	ng	# 95
82) Chrysene	14.09	228	988785	33.35	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	950774	44.18	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1529915	43.66	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1020225	44.42	ng	95
87) Benzo(b)fluoranthene	15.09	252	1145610	42.18	ng	99
88) Benzo(k)fluoranthene	15.13	252	1052925m	44.90	ng	
89) Benzo(a)pyrene	15.45	252	1032815	43.96	ng	98
90) Dibenzo(a,h)anthracene	16.97	278	853500	44.95	ng	97
91) Benzo(g,h,i)perylene	17.38	276	853600	44.50	ng	# 90

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

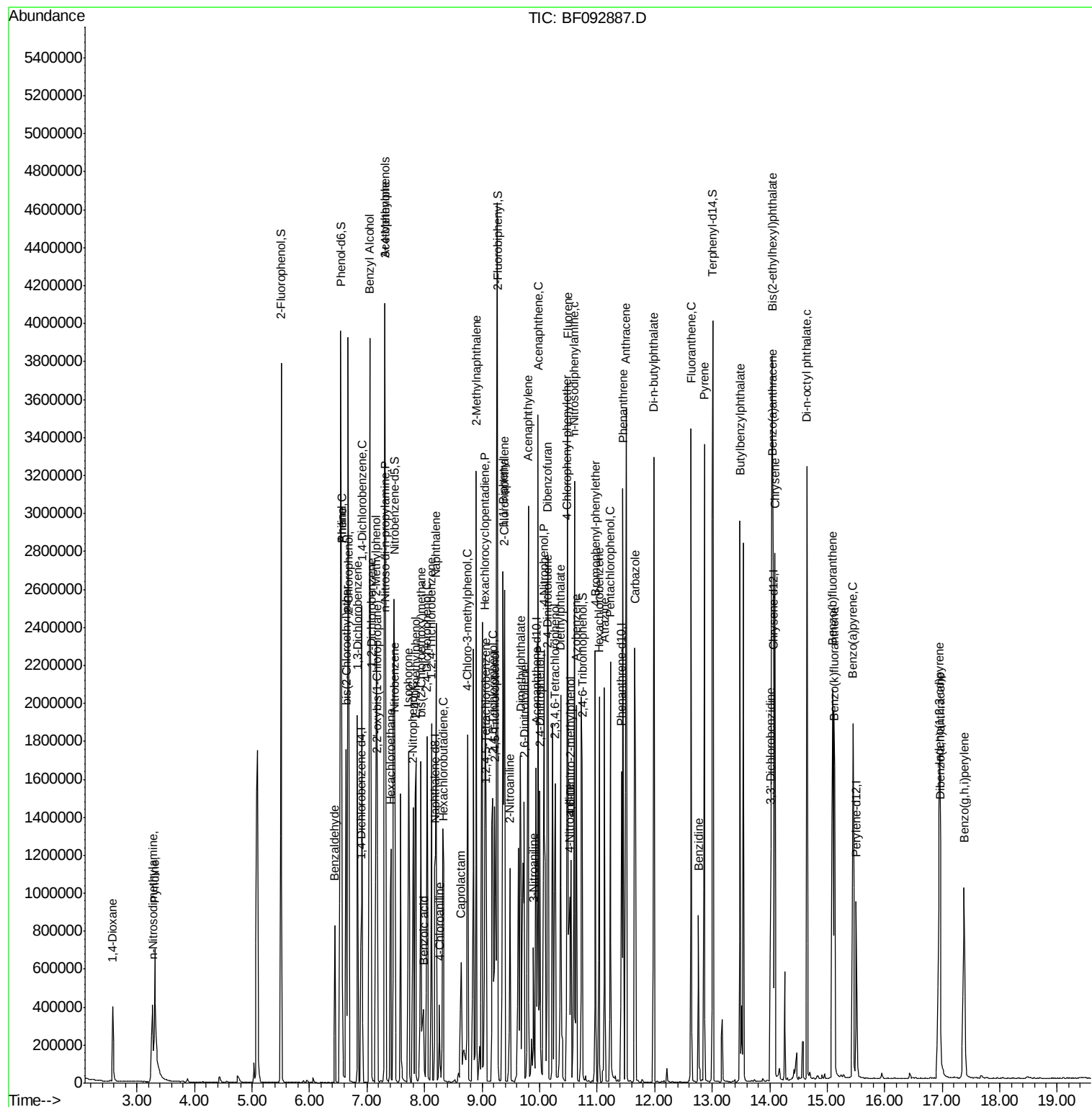
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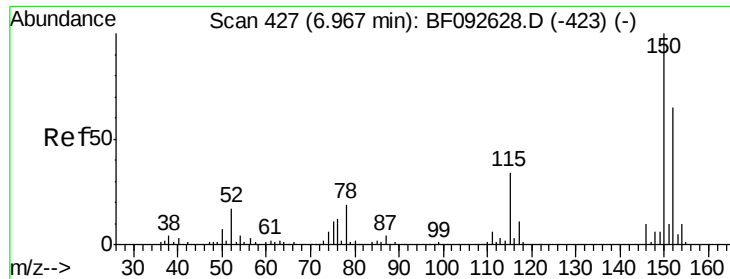
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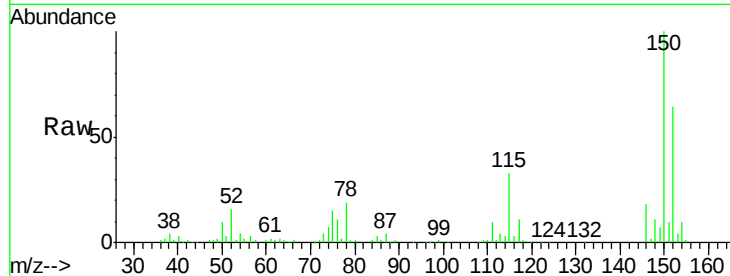
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :
 PB96842BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.9	187.3
115	51.1	46.0	69.0

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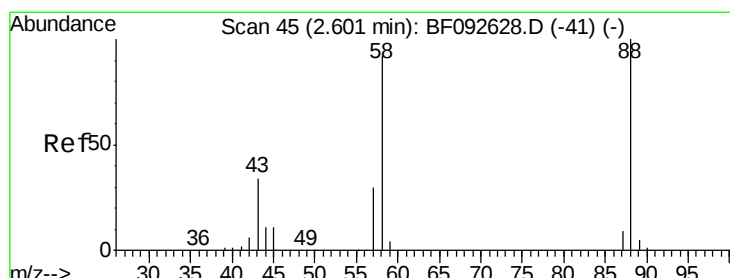
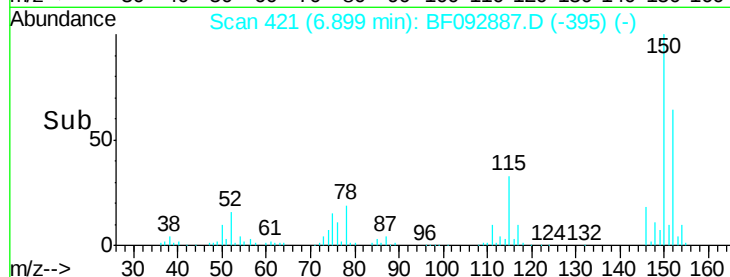
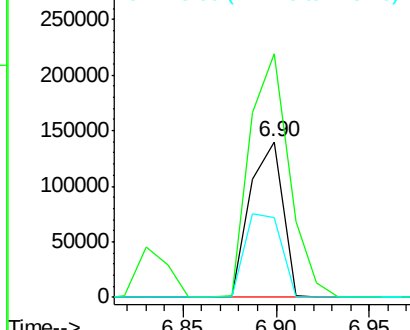


Abundance

Ion 152.00 (151.70 to 152.70): E

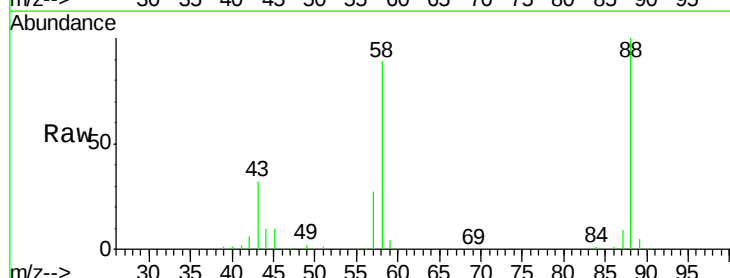
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 33.42 ng
 RT: 2.58 min Scan# 43
 Delta R.T. 0.09 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

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

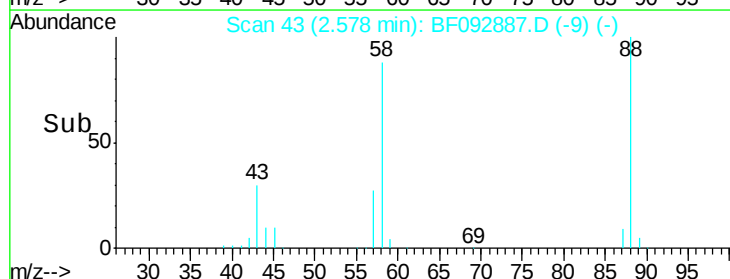
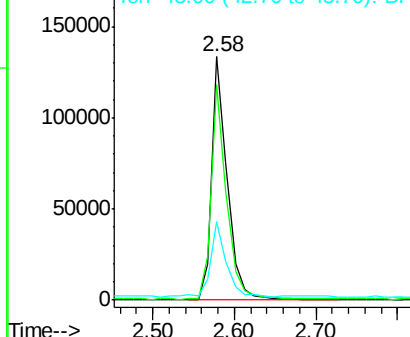


Abundance

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: 33.78 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

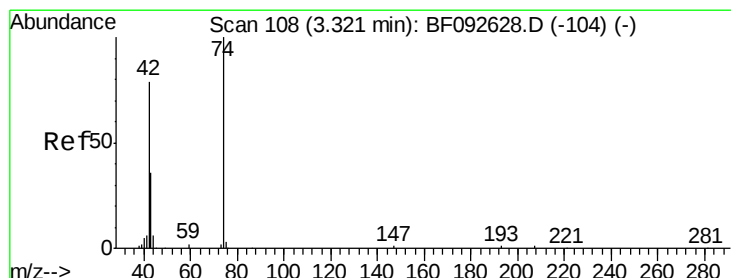
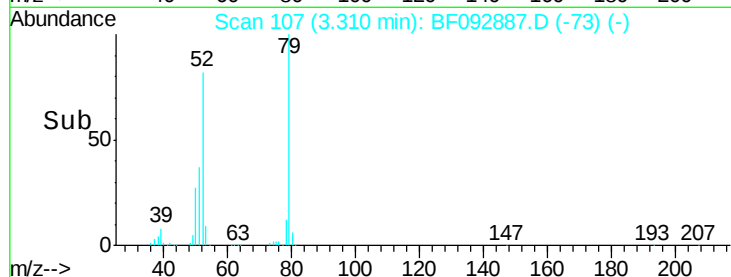
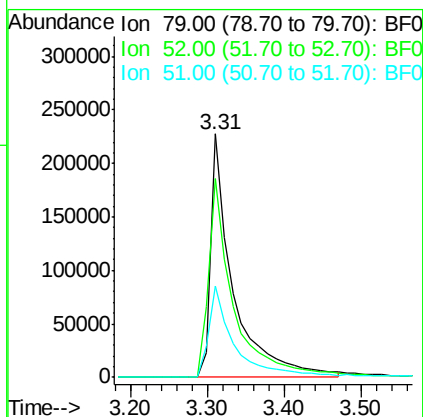
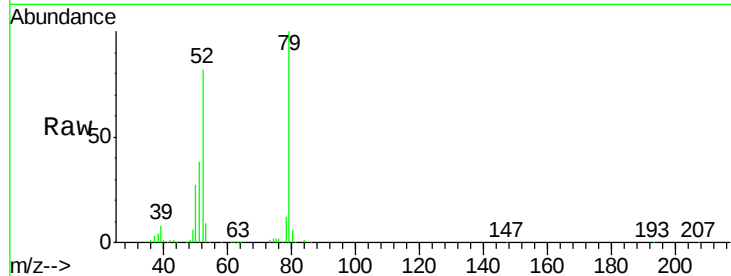
ClientSampleId :

PB96842BS

Tgt Ion:	79	Resp:	461918
Ion Ratio	Lower	Upper	
79	100		
52	81.8	57.1	85.7
51	37.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 41.98 ng

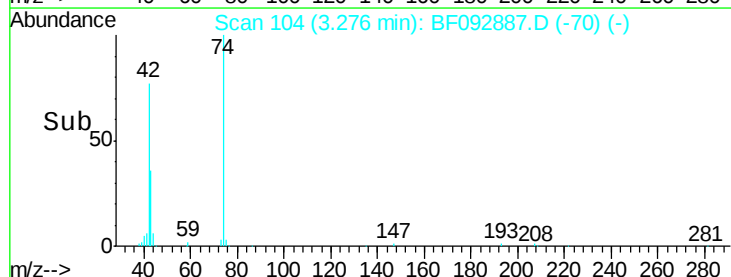
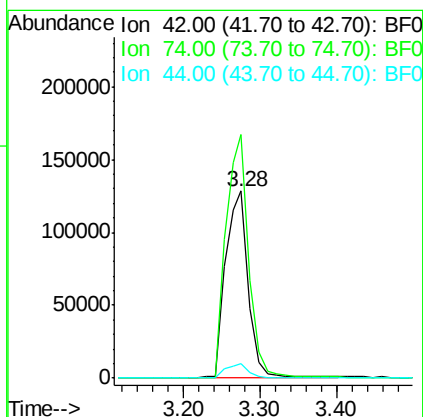
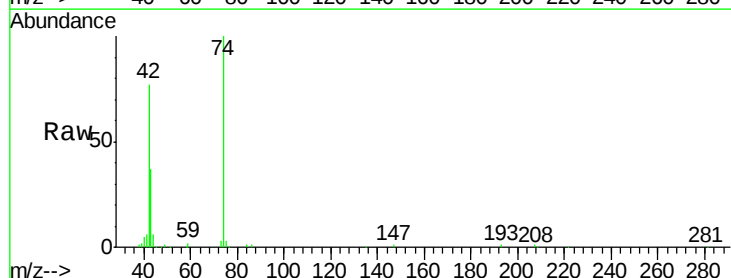
RT: 3.28 min Scan# 104

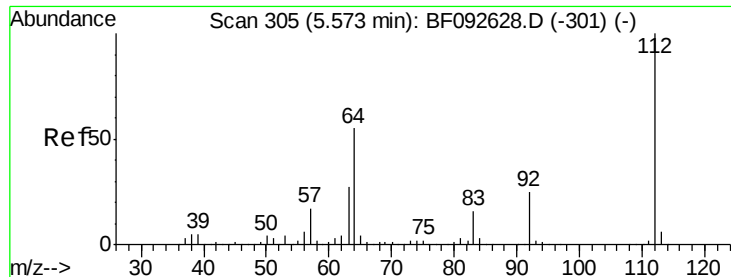
Delta R.T. 0.09 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	42	Resp:	269530
Ion Ratio	Lower	Upper	
42	100		
74	130.2	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 122.41 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

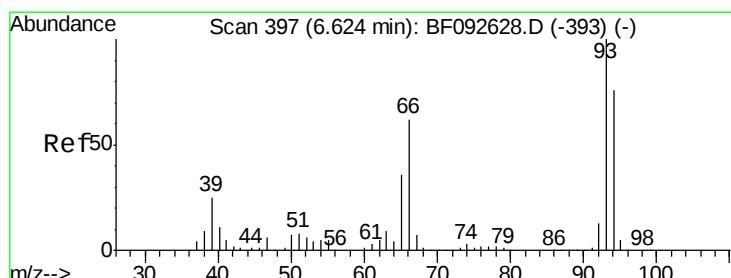
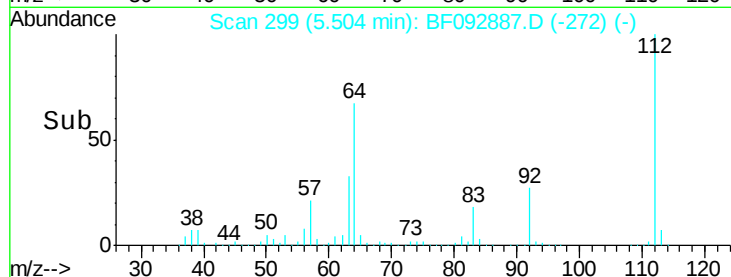
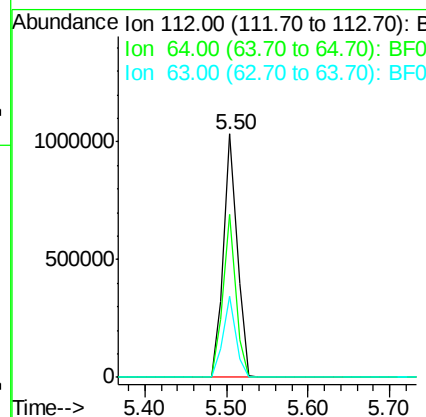
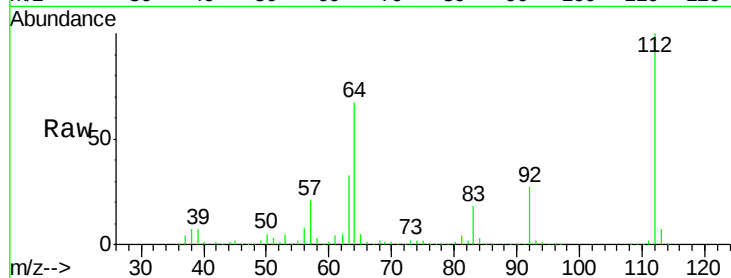
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Tgt Ion:	112	Resp:	1218277
Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.1	69.1
63	33.4	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 20.73 ng

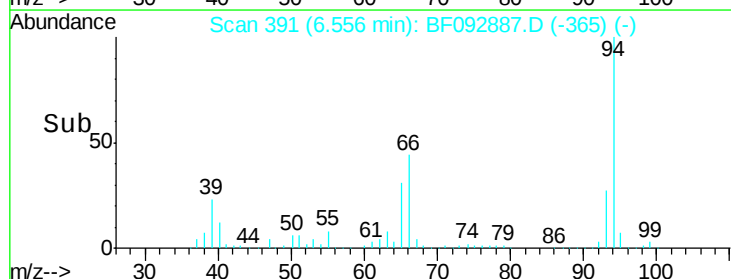
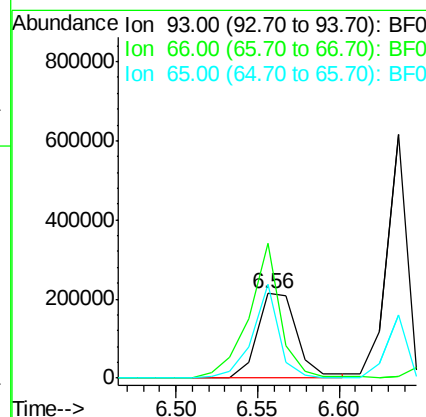
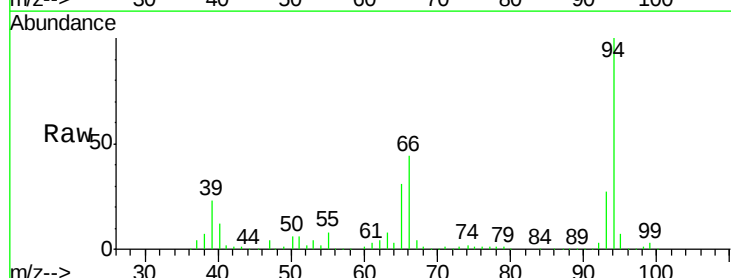
RT: 6.56 min Scan# 391

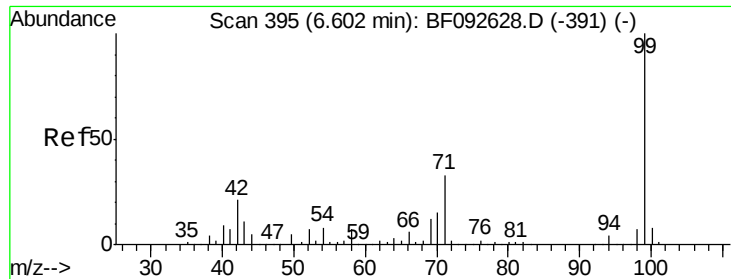
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	93	Resp:	362058
Ion	Ratio	Lower	Upper
93	100		
66	160.0	76.2	114.2#
65	112.0	49.3	73.9#





#7

Phenol-d6

Concen: 131.32 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1681643

Ion Ratio Lower Upper

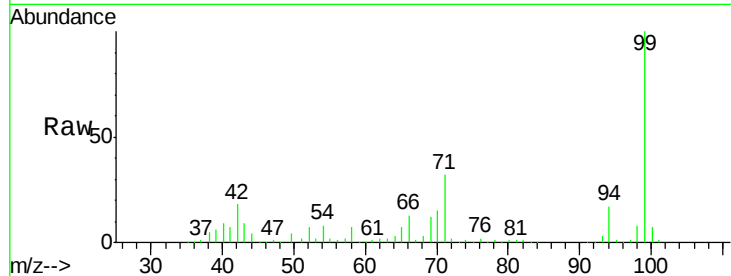
99 100

42 18.2 15.6 23.4

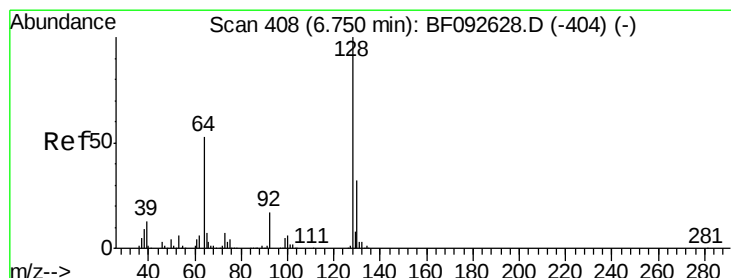
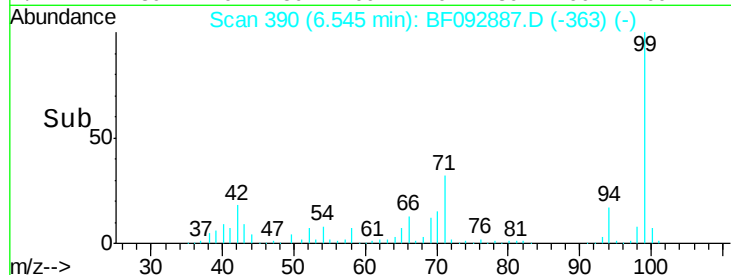
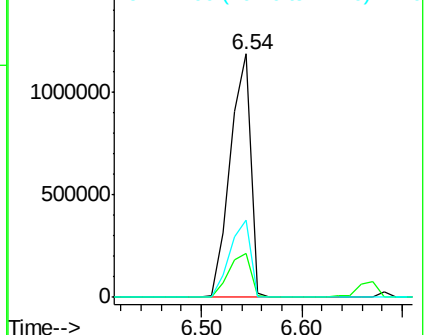
71 31.9 27.5 41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.70 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

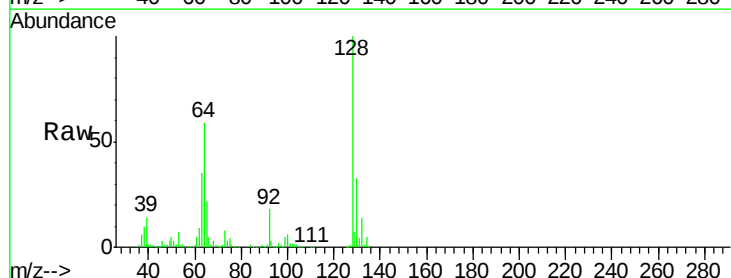
Tgt Ion: 128 Resp: 468840

Ion Ratio Lower Upper

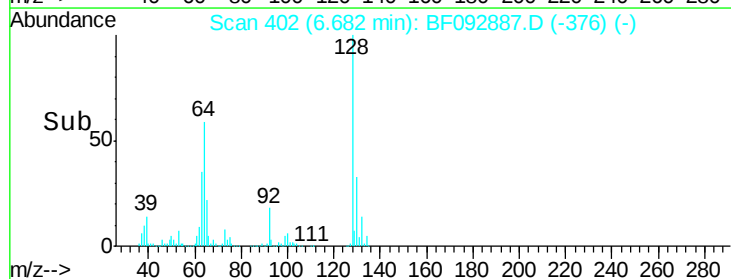
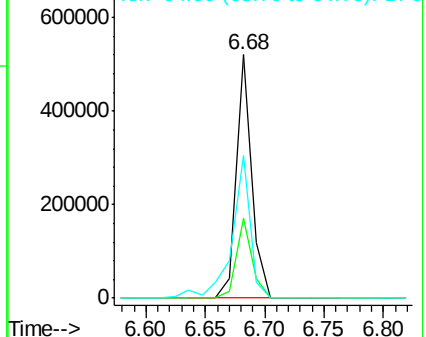
128 100

130 32.9 12.3 52.3

64 58.6 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.86 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

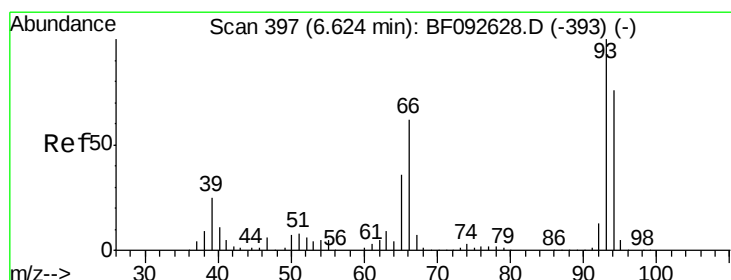
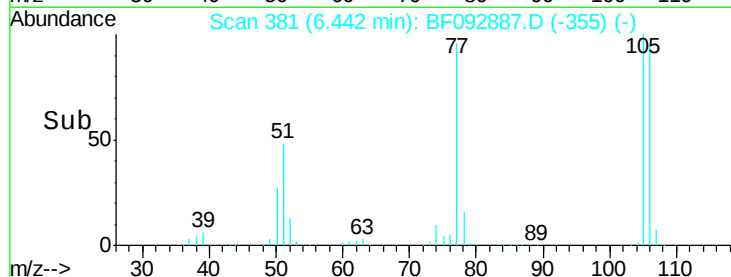
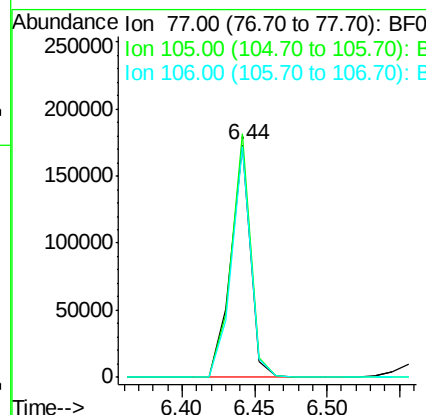
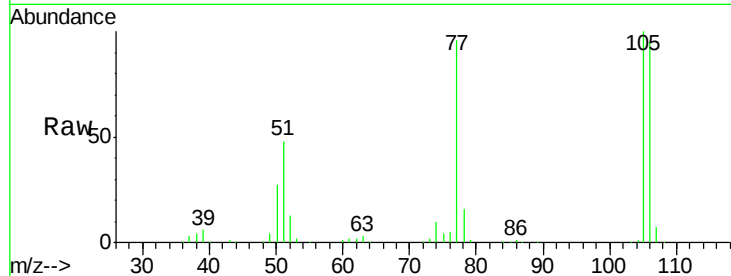
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Tgt Ion:	77	Resp:	163876
Ion	Ratio	Lower	Upper
77	100		
105	104.7	83.9	123.9
106	99.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 47.30 ng

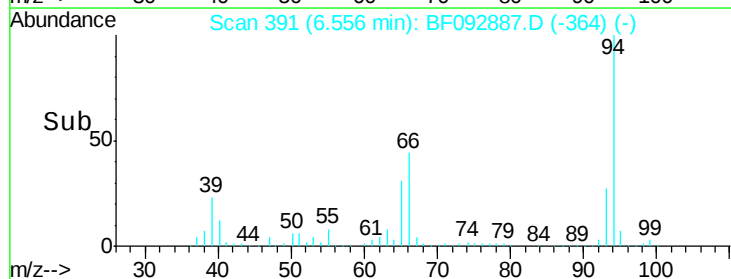
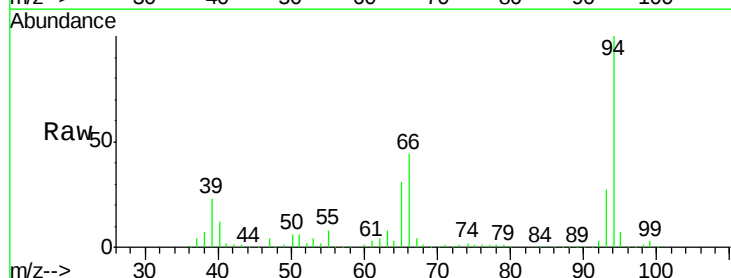
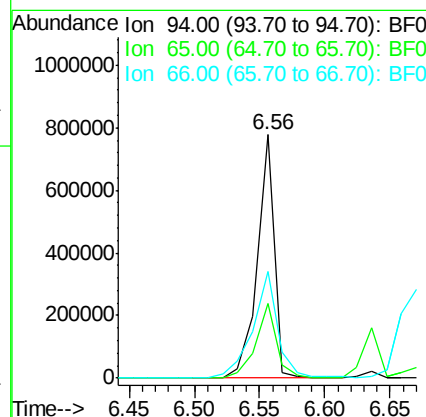
RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	94	Resp:	708649
Ion	Ratio	Lower	Upper
94	100		
65	30.7	21.4	61.4
66	43.8	44.0	84.0#





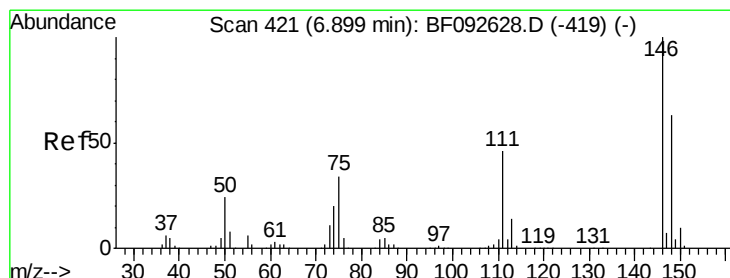
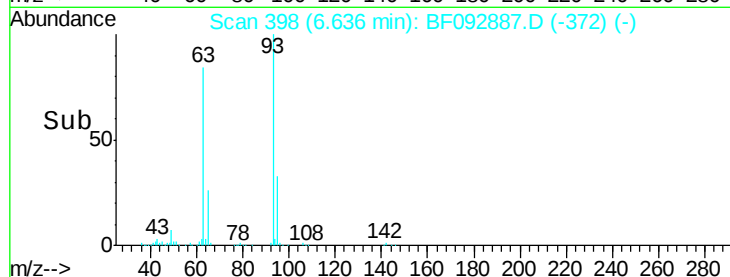
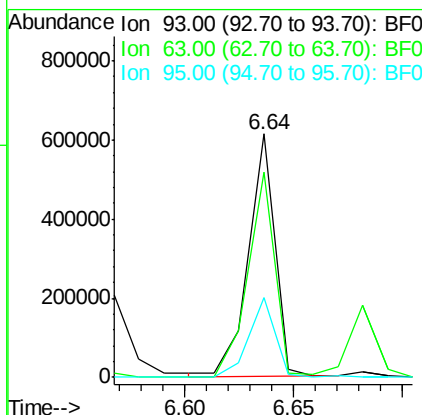
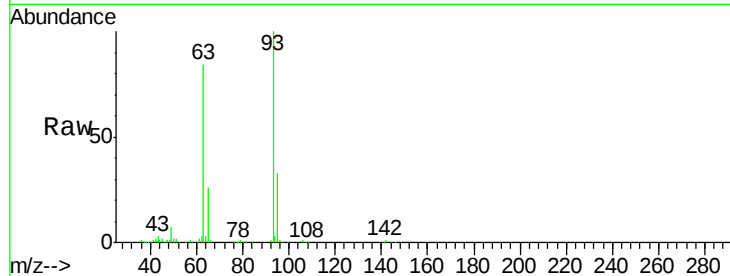
#11
bis(2-Chloroethyl)ether
Concen: 43.14 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	515856		
63	84.1	60.4	100.4	
95	32.6	12.8	52.8	

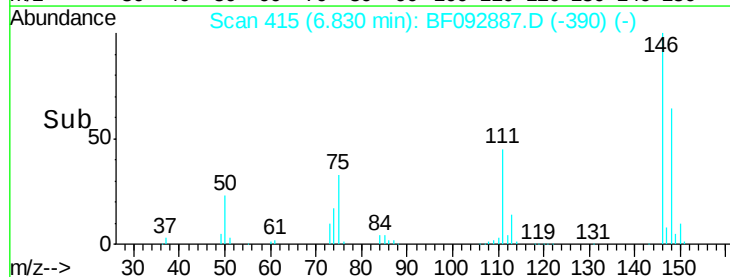
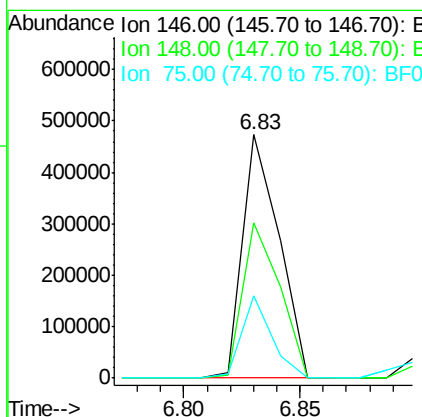
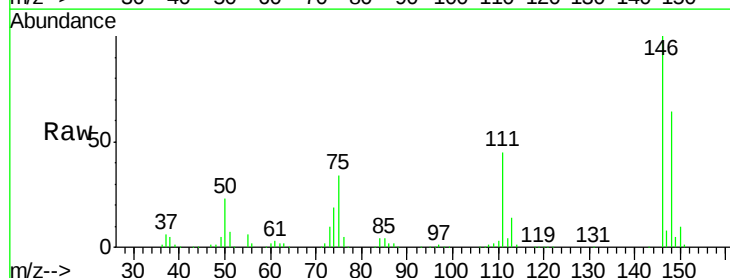
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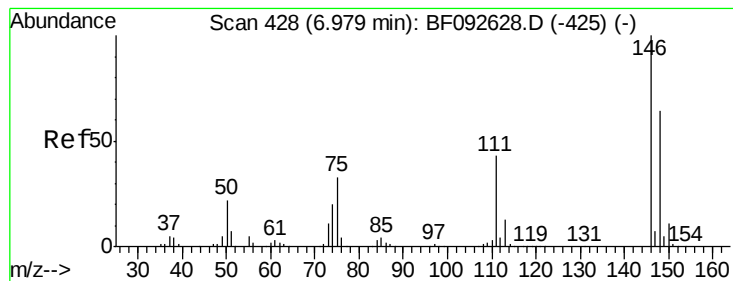
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.29 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	518111		
148	63.8	53.4	80.0	
75	34.1	18.5	27.7#	





#13

1,4-Dichlorobenzene

Concen: 41.99 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

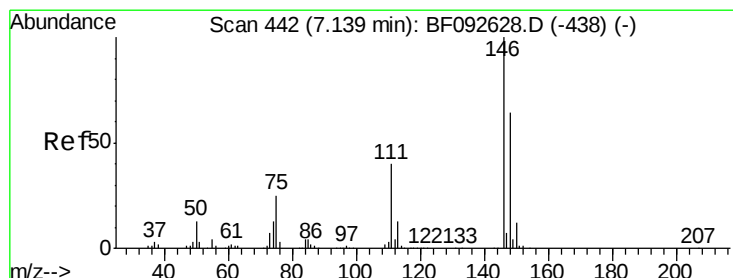
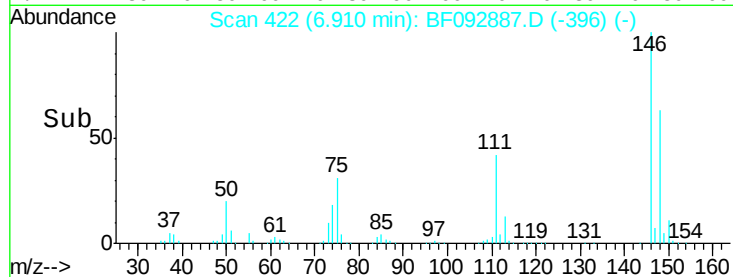
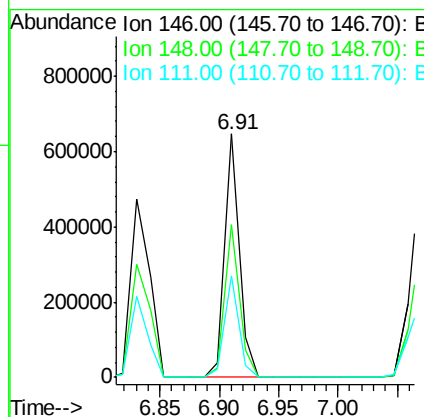
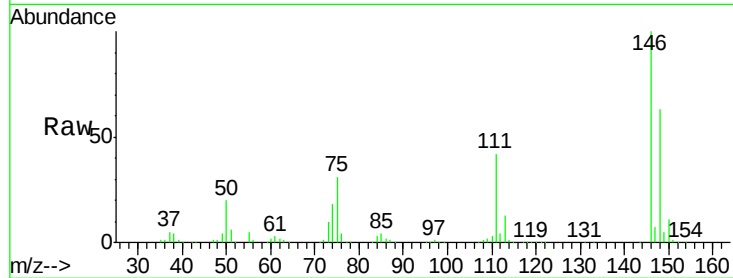
ClientSampleId :

PB96842BS

Tgt Ion:	146	Resp:	546500
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.6	76.0
111	41.9	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 42.38 ng

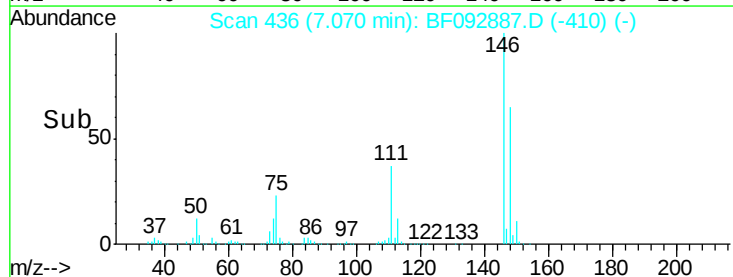
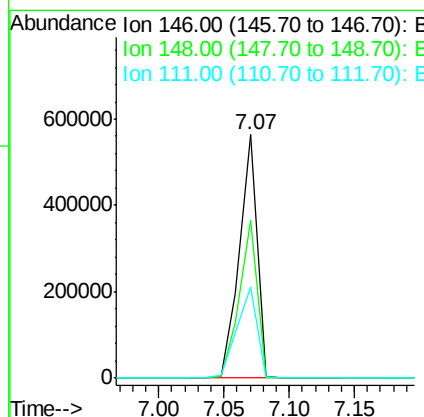
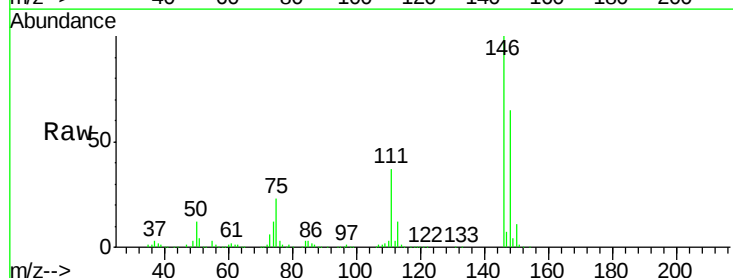
RT: 7.07 min Scan# 436

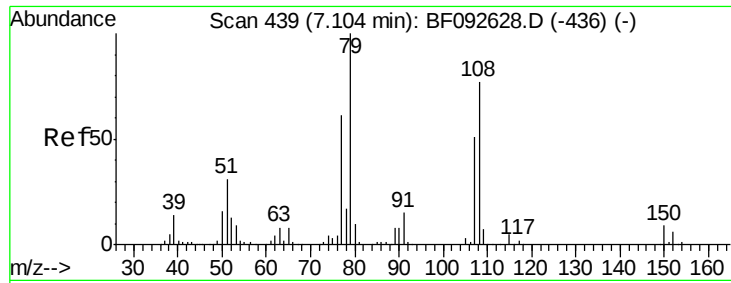
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	146	Resp:	527515
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	37.3	36.2	54.2





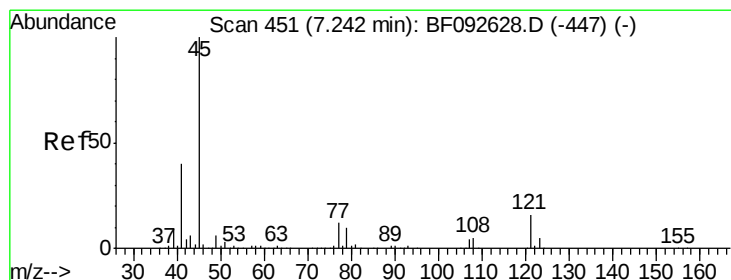
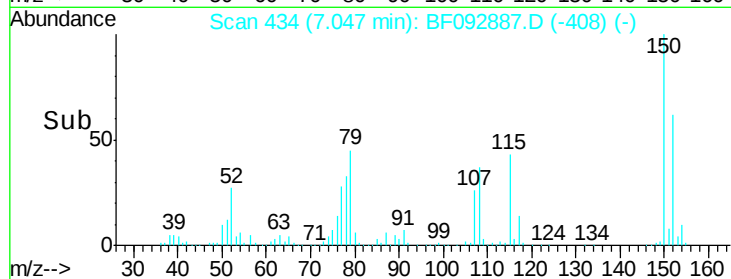
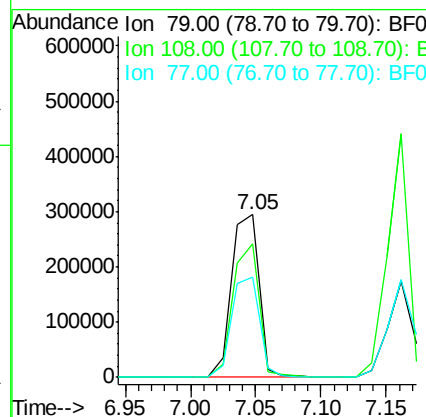
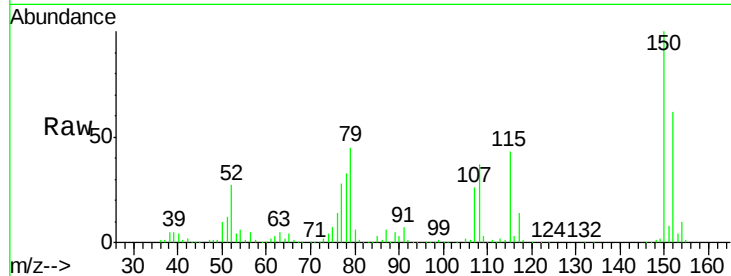
#15
Benzyl Alcohol
Concen: 45.45 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleID :
PB96842BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.2	61.4	92.0
77	61.9	50.9	76.3

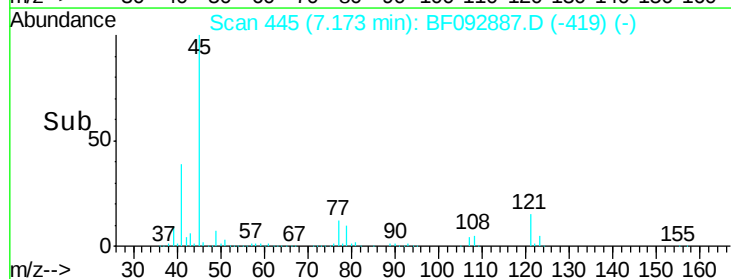
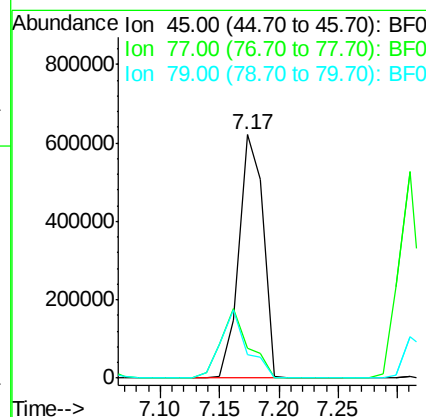
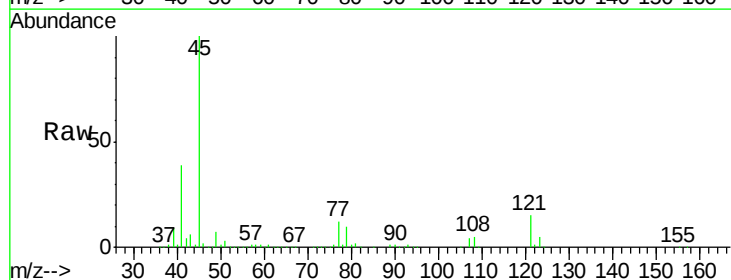
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.56 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	34.6
79	9.8	0.0	31.2





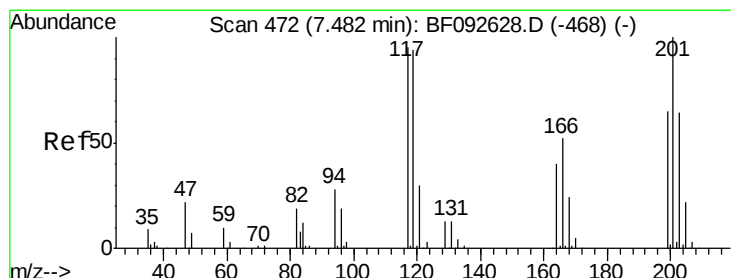
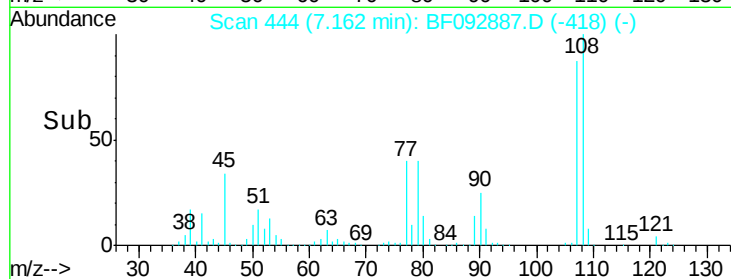
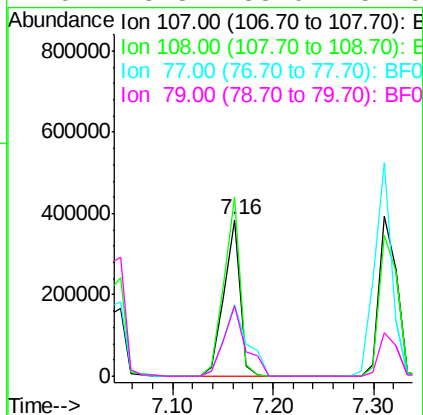
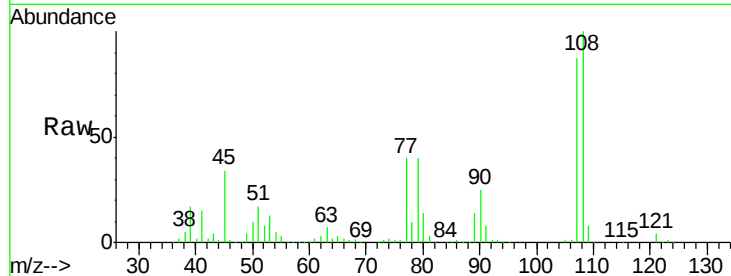
#17
2-Methylphenol
Concen: 45.73 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion:	107	Resp:	430724
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.0	139.6
77	46.0	39.8	59.8
79	45.3	38.0	57.0

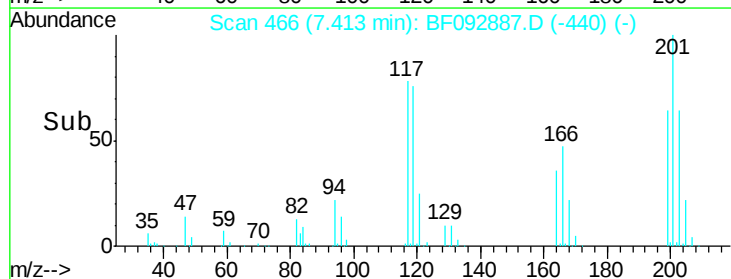
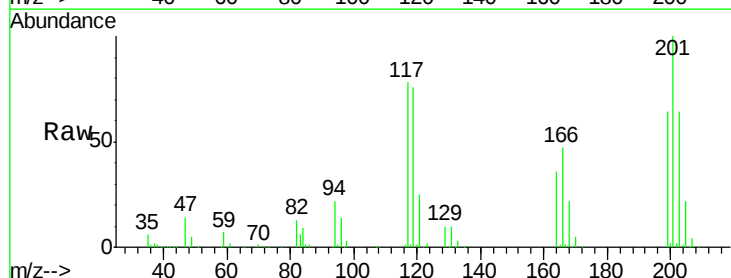
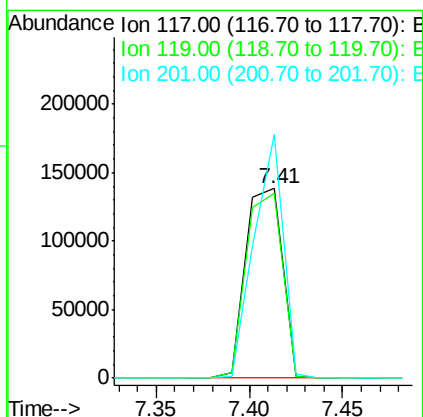
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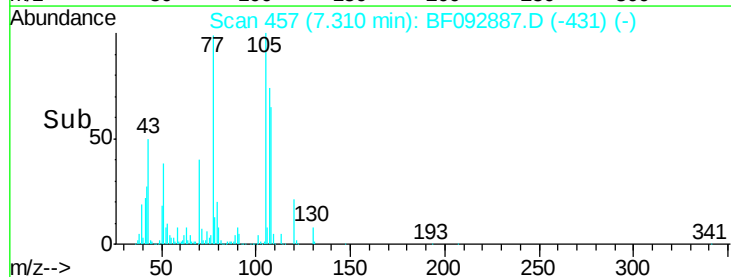
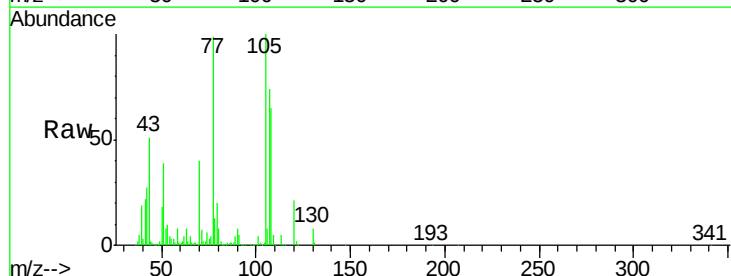
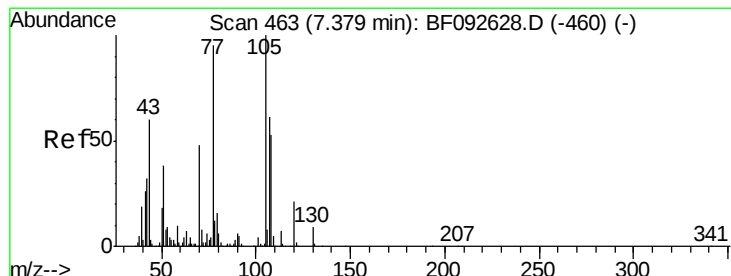
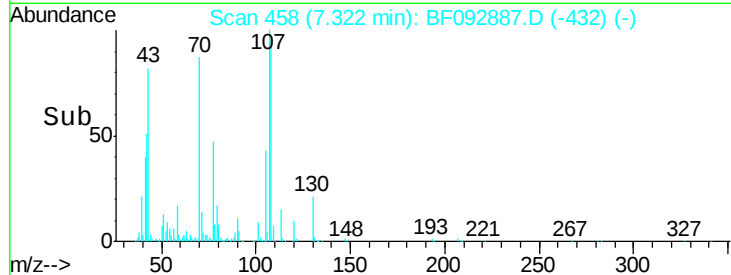
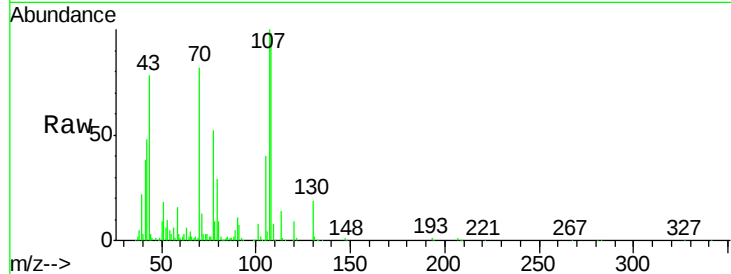
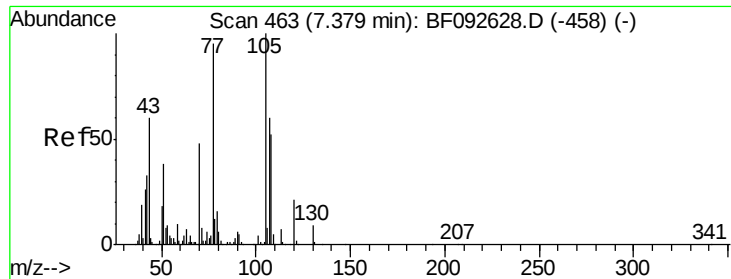
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#18
Hexachloroethane
Concen: 42.50 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion:	117	Resp:	188841
Ion Ratio	Lower	Upper	
117	100		
119	97.7	78.1	117.1
201	128.5	78.6	117.8#





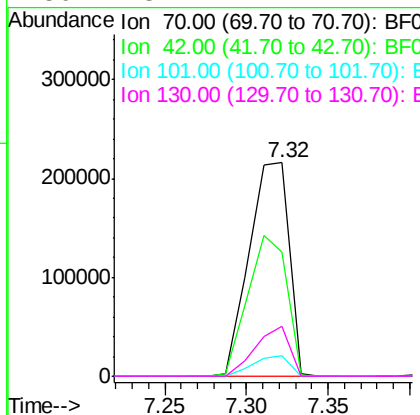
#19
n-Nitroso-di-n-propylamine
Concen: 45.00 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	366828		
42	58.2	49.4	74.0	
101	9.8	7.4	11.2	
130	23.7	14.2	21.4	

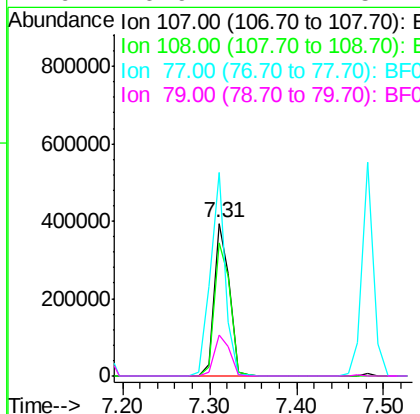
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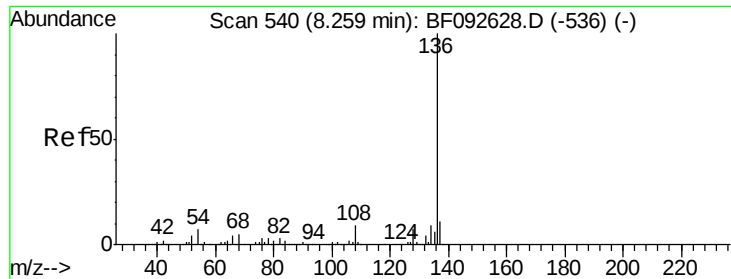
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#20
3+4-Methylphenols
Concen: 42.98 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	484000		
108	87.5	73.0	113.0	
77	133.1	71.3	111.3	
79	26.9	11.1	51.1	





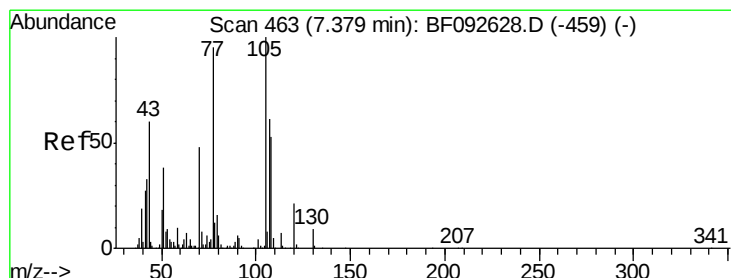
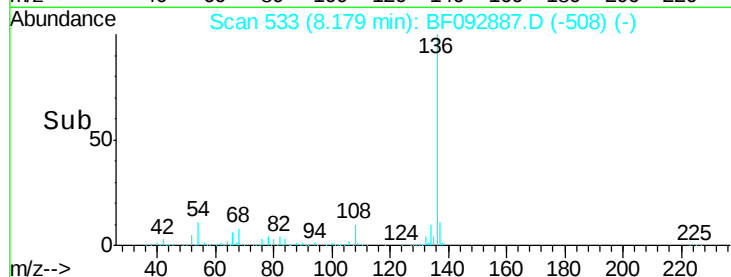
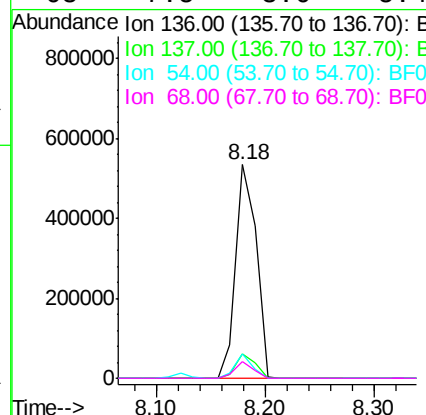
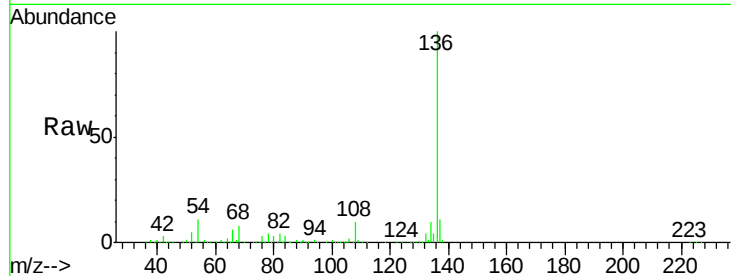
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	688085		
137	11.2	8.4	12.6	
54	11.1	4.5	6.7#	
68	7.5	3.6	5.4#	

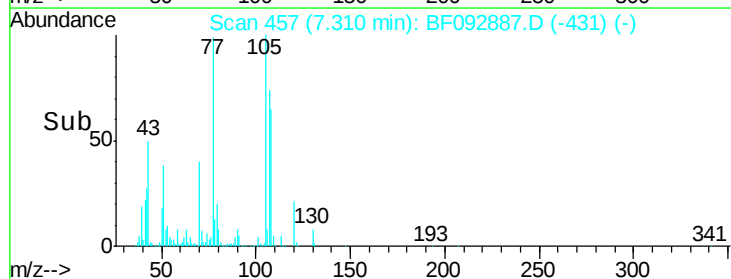
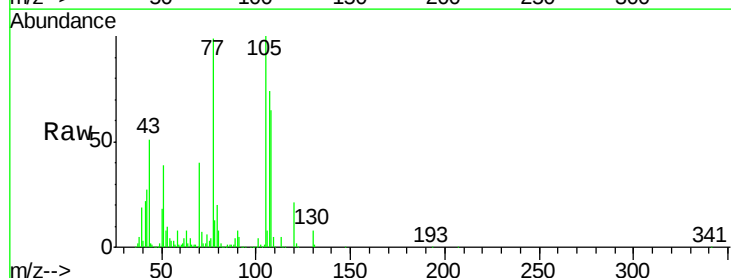
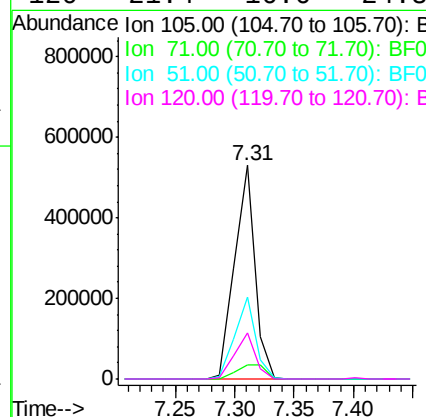
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#22
Acetophenone
Concen: 40.36 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	634069		
71	6.7	3.2	4.8#	
51	38.5	26.2	39.4	
120	21.4	16.6	24.8	





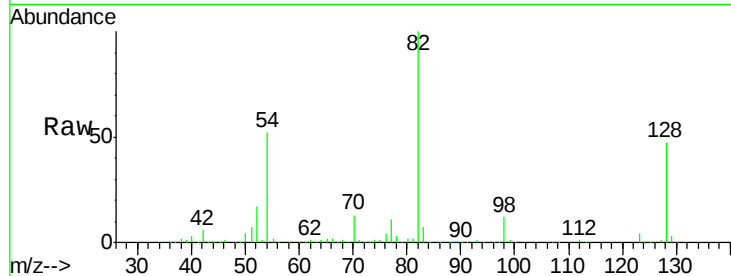
#23
 Nitrobenzene-d5
 Concen: 88.15 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

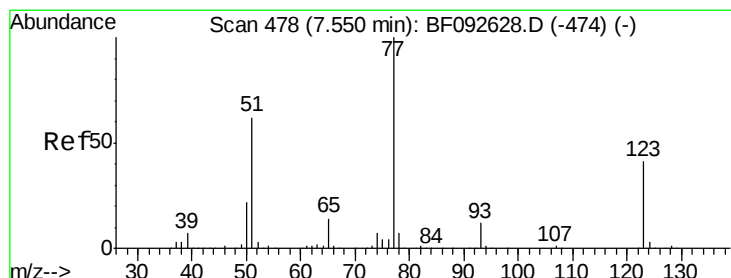
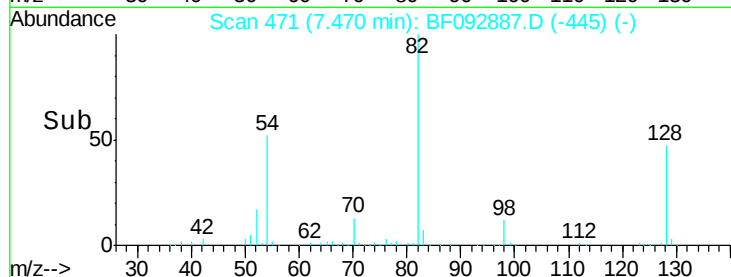
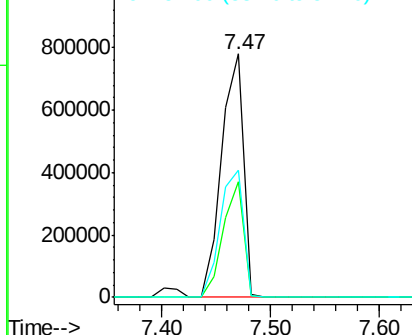
Tgt Ion: 82 Resp: 1089209
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.6 52.0
 54 52.4 39.5 59.3

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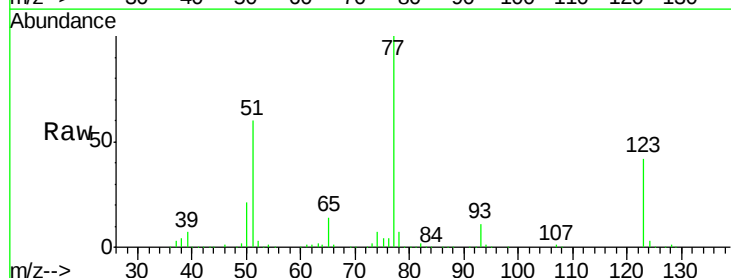


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

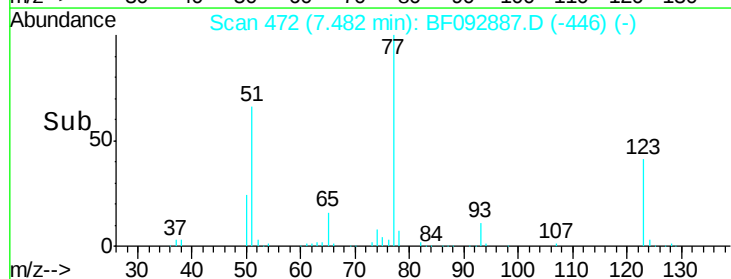
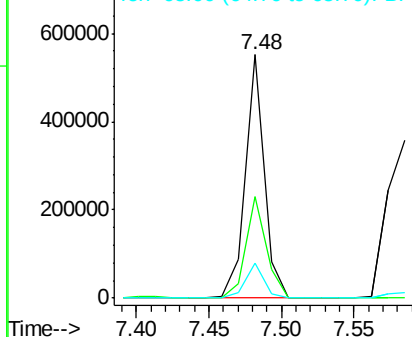


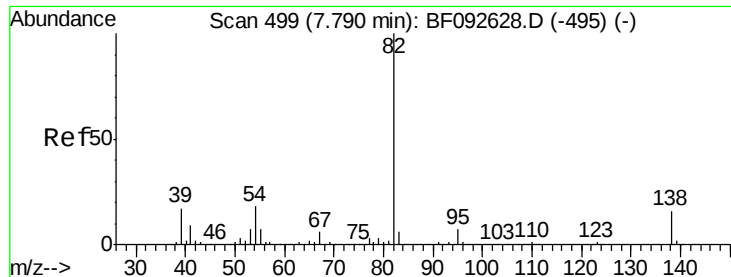
#24
 Nitrobenzene
 Concen: 39.44 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion: 77 Resp: 500398
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.54 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

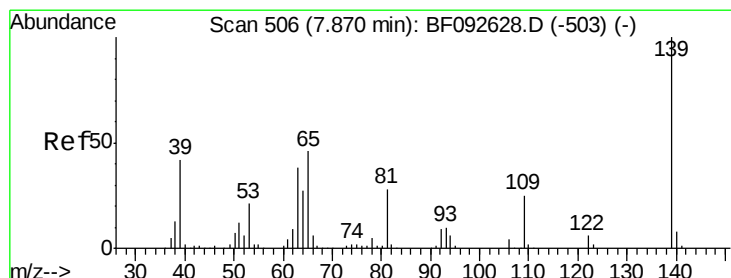
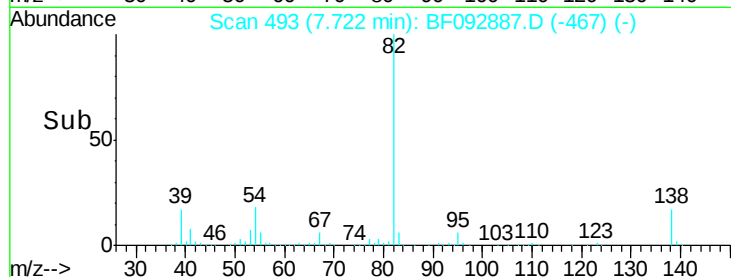
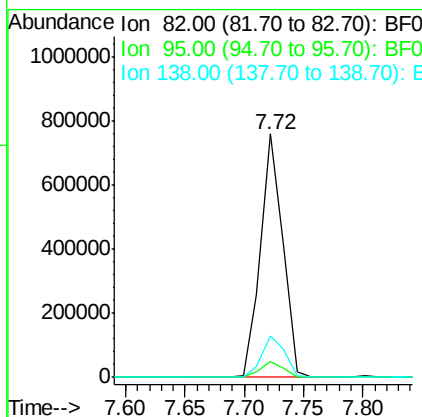
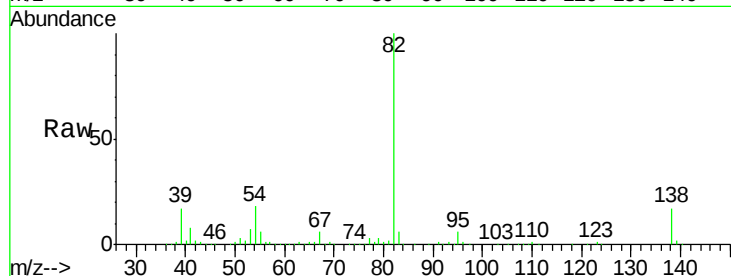
ClientSampleId :

PB96842BS

Tgt Ion:	82	Resp:	1002617
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.6	8.4
138	16.9	14.6	22.0

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#26

2-Nitrophenol

Concen: 48.75 ng

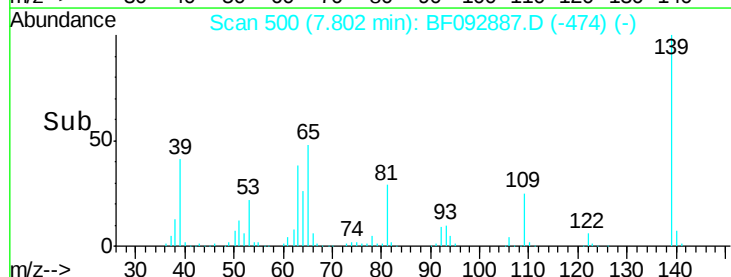
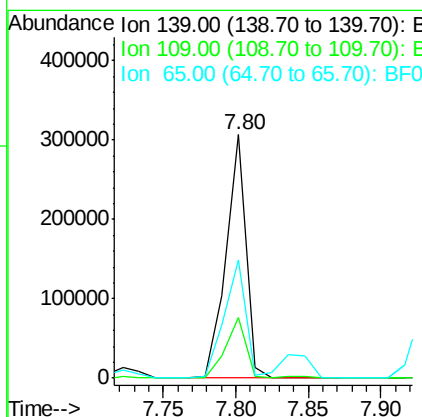
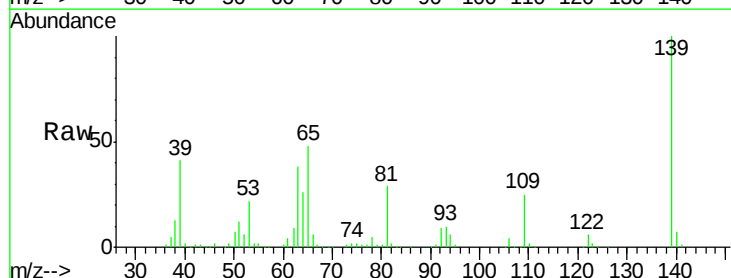
RT: 7.80 min Scan# 500

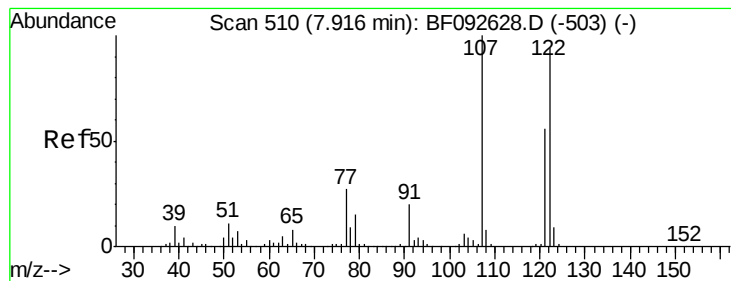
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	139	Resp:	294029
Ion	Ratio	Lower	Upper
139	100		
109	24.9	23.3	34.9
65	48.3	42.7	64.1





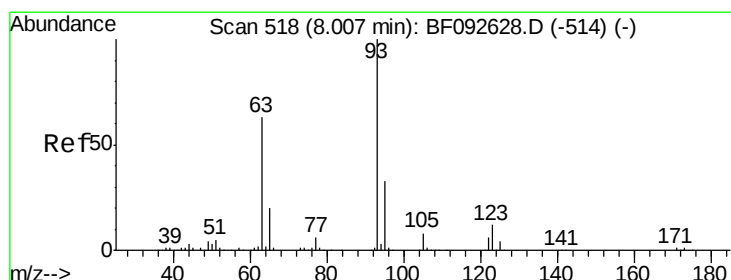
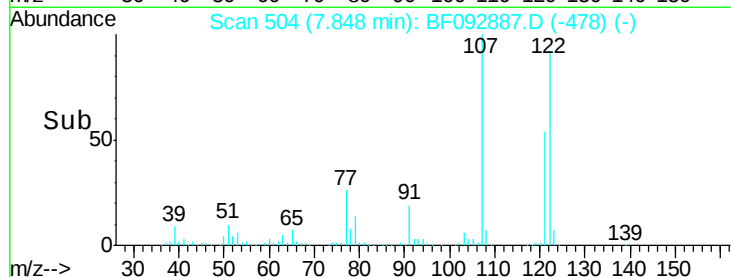
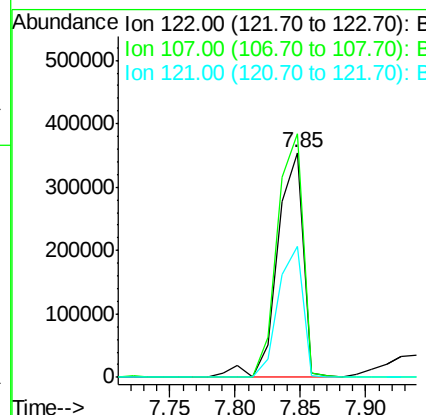
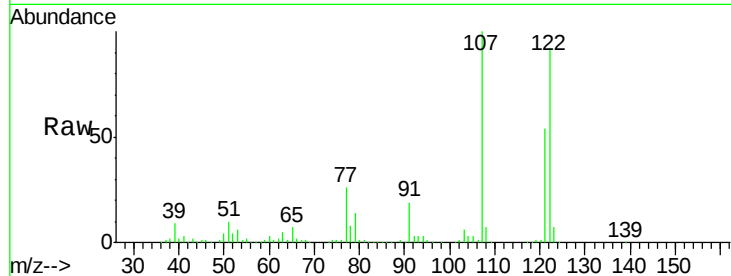
#27
2,4-Dimethylphenol
Concen: 46.55 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	493041		
107	108.3	94.1	141.1	
121	58.5	46.0	69.0	

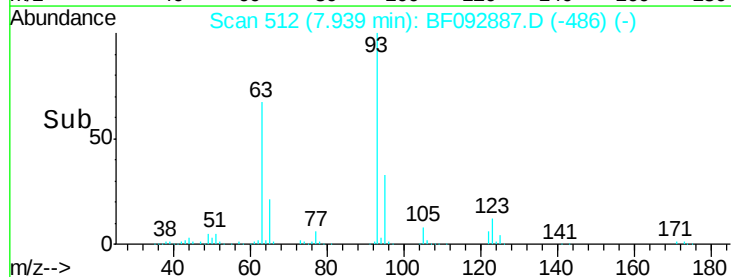
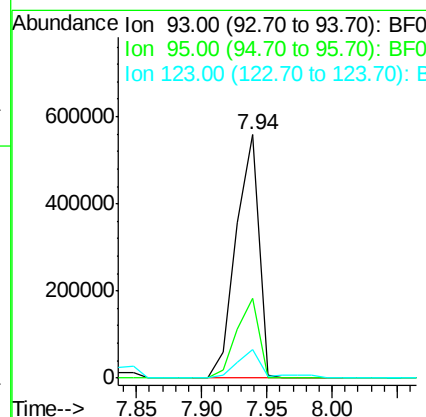
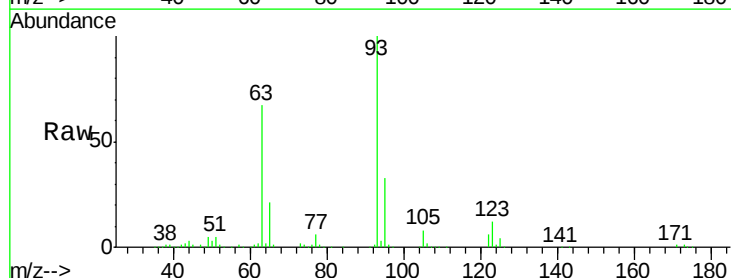
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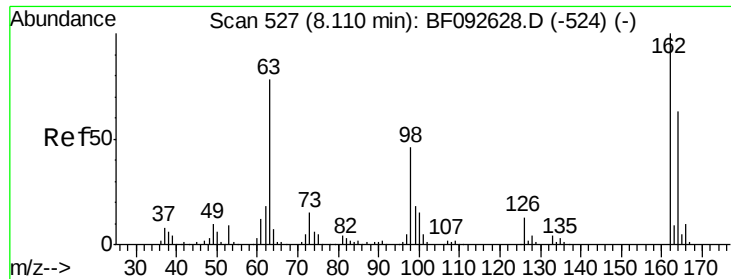
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.37 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	676651		
95	32.9	26.5	39.7	
123	11.7	8.6	13.0	





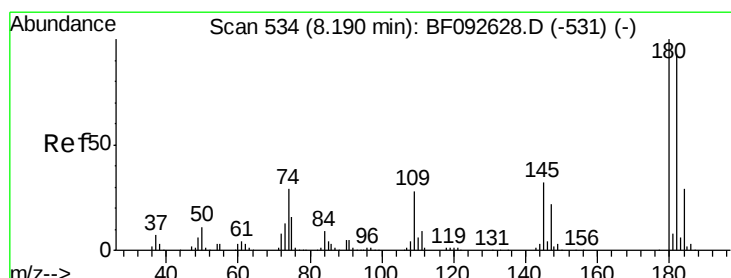
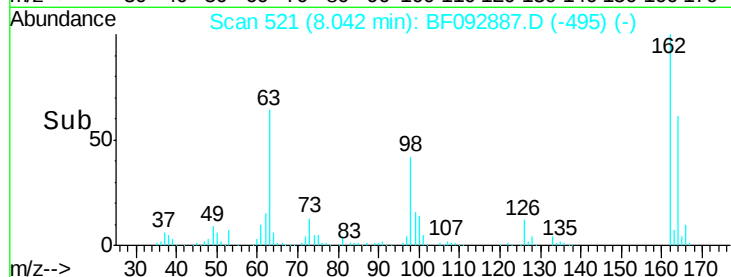
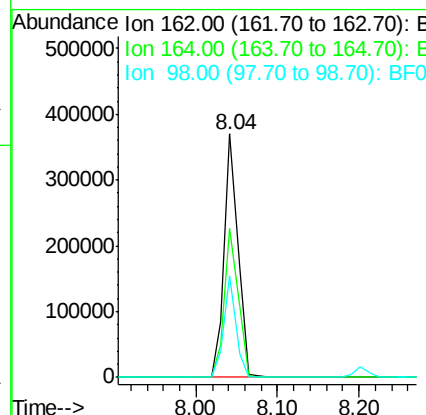
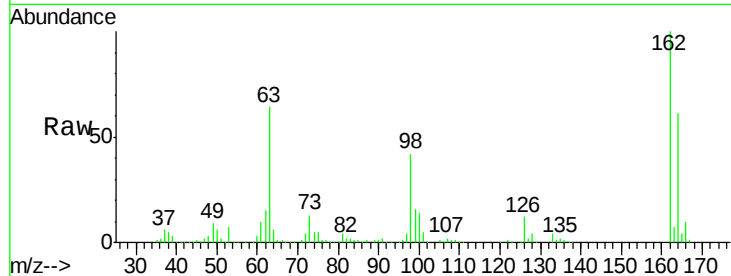
#29
2,4-Dichlorophenol
Concen: 43.82 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleID :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	432836		
164	61.4	46.8	86.8	
98	41.6	9.1	49.1	

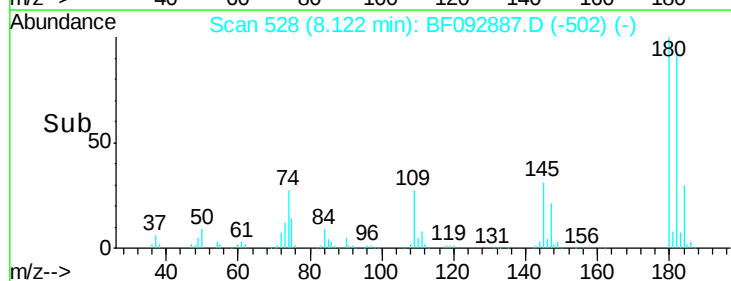
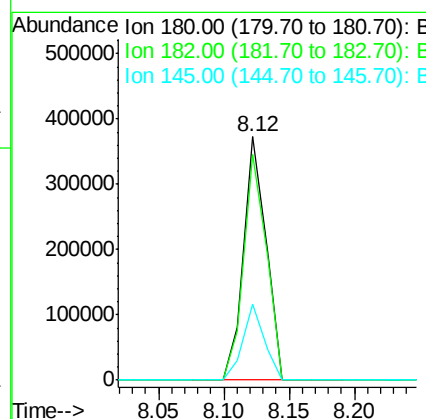
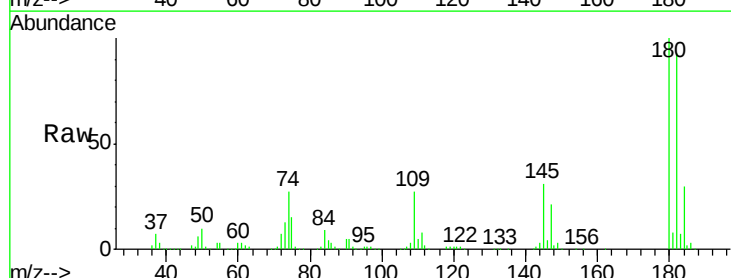
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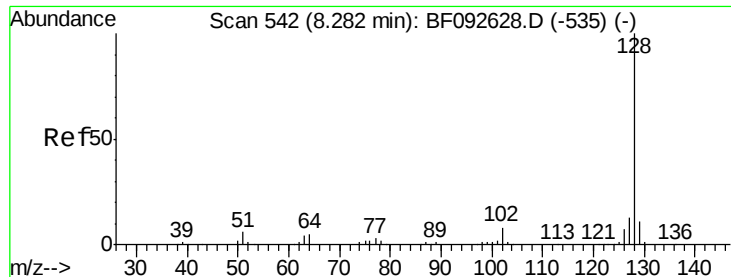
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.86 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	445614		
182	92.9	78.2	117.4	
145	31.2	21.6	32.4	





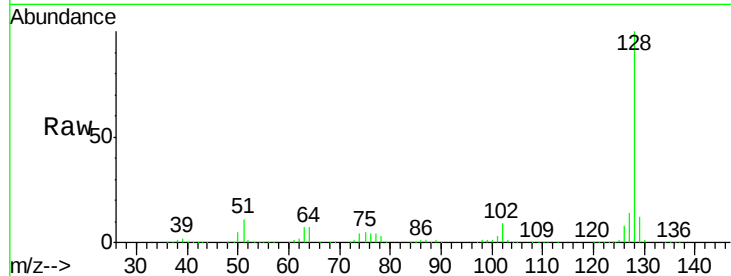
#31
Naphthalene
Concen: 39.07 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

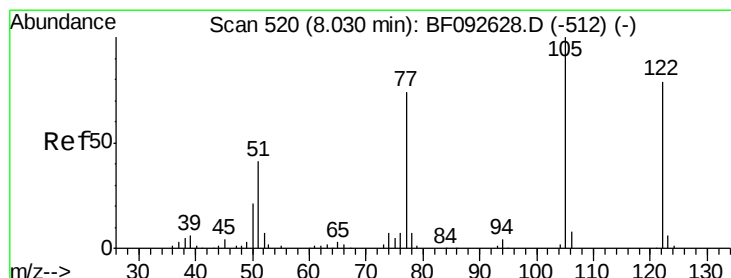
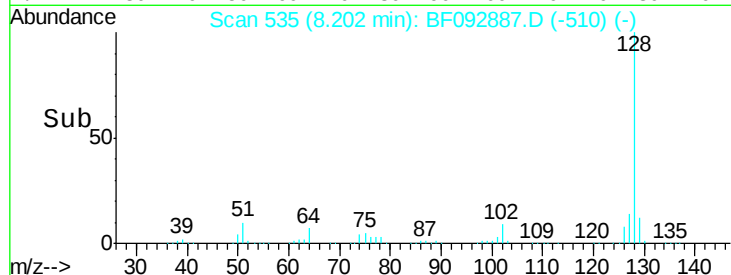
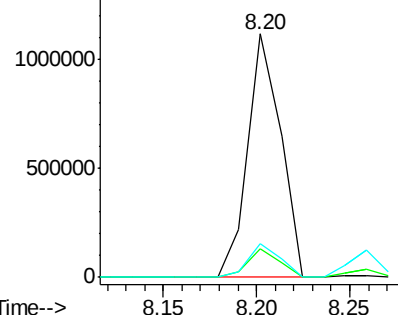
Tgt Ion:128 Resp: 1362889
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.9 10.8 16.2

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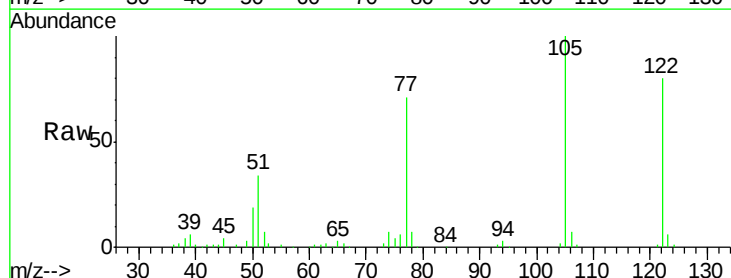


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

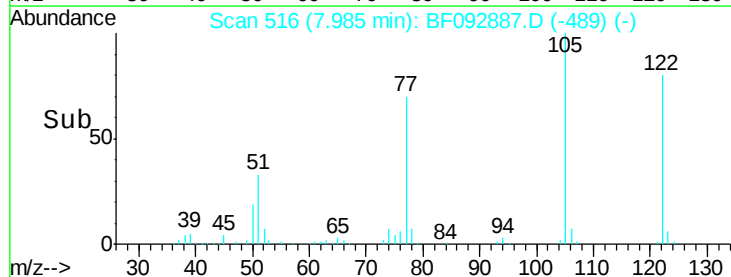
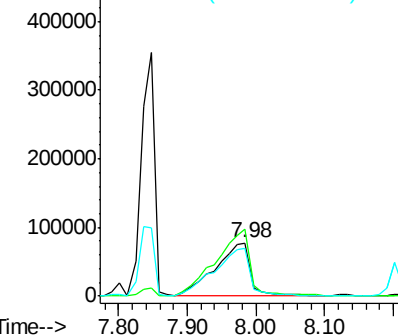


#32
Benzoic acid
Concen: 45.58 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion:122 Resp: 271001
Ion Ratio Lower Upper
122 100
105 125.2 107.2 147.2
77 89.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





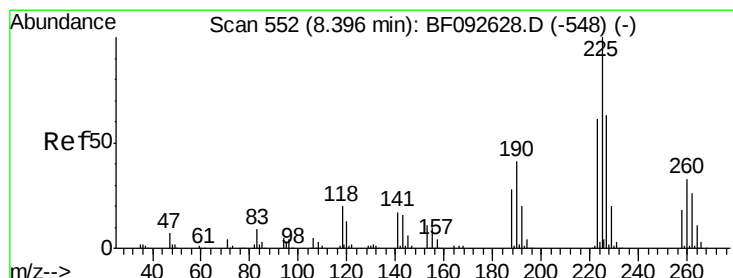
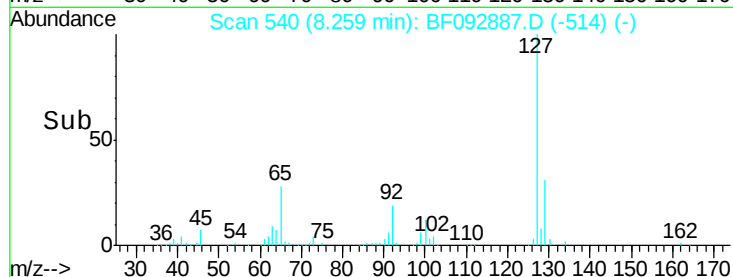
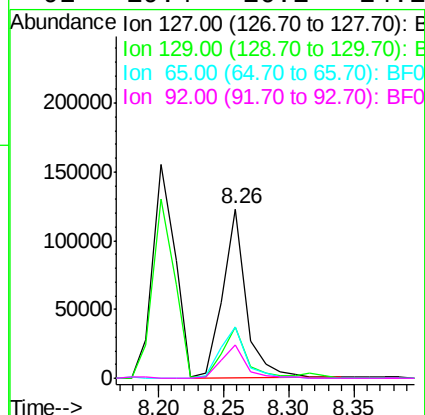
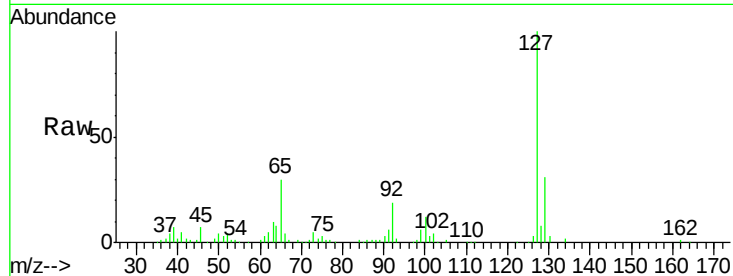
#33
 4-Chloroaniline
 Concen: 11.25 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	153872		
129	30.7	26.3	39.5	
65	30.2	25.8	38.8	
92	19.4	16.1	24.1	

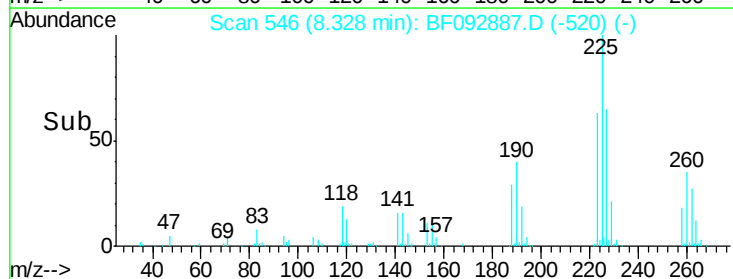
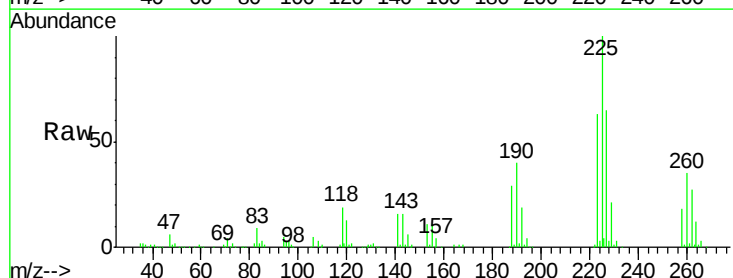
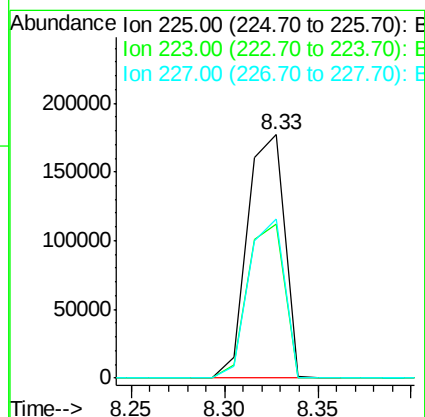
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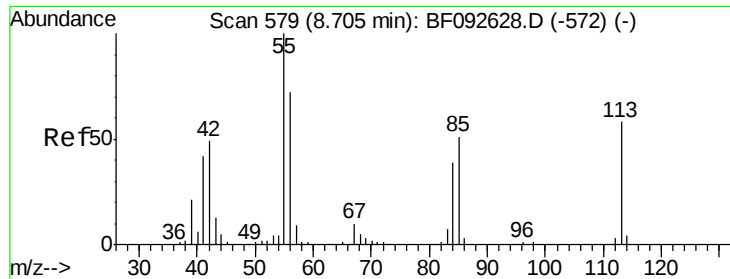
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#34
 Hexachlorobutadiene
 Concen: 41.42 ng
 RT: 8.33 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	242606		
223	63.0	51.0	76.6	
227	65.4	50.6	76.0	





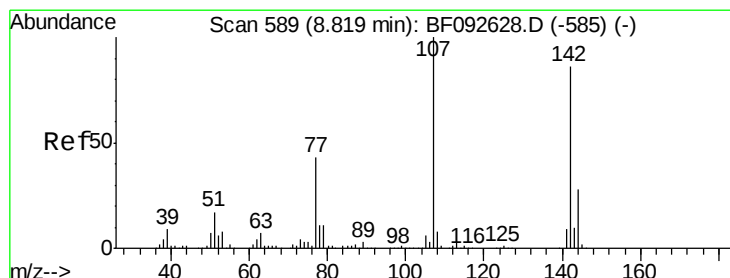
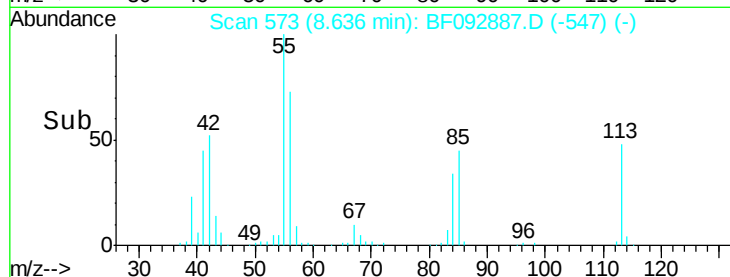
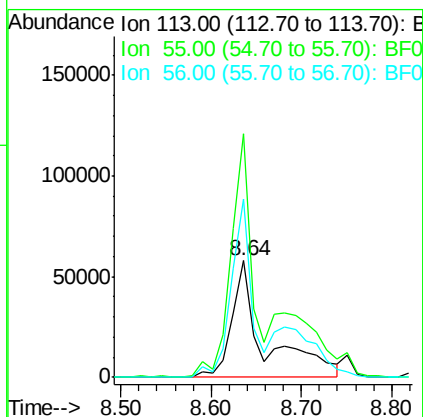
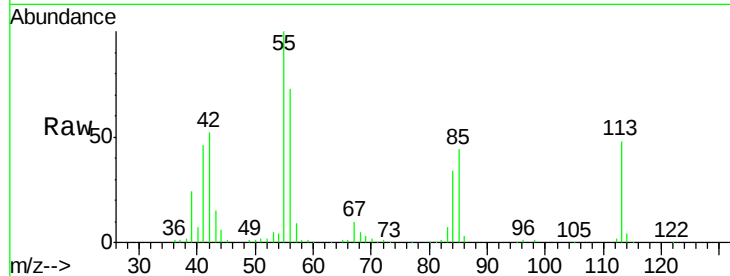
#35
 Caprolactam
 Concen: 46.97 ng m
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	209.1	119.2	159.2#	
56	152.8	83.8	123.8#	

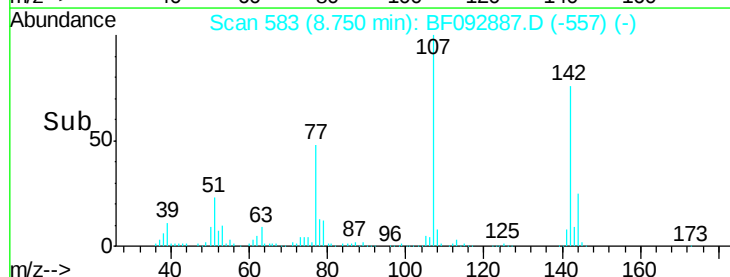
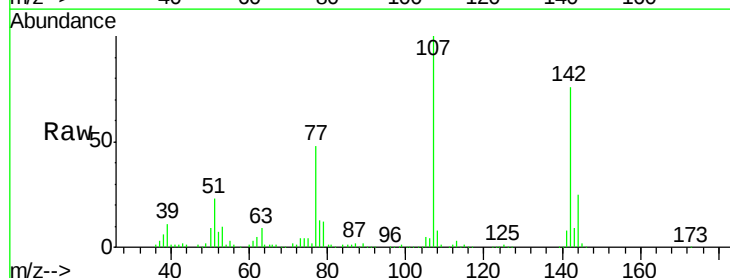
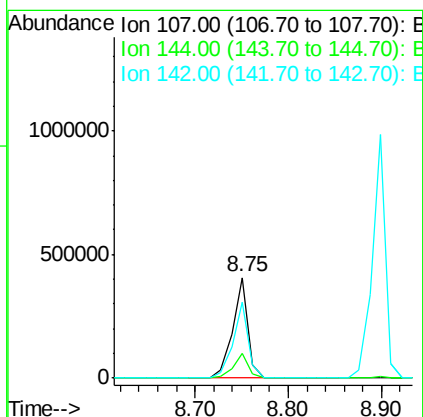
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#36
 4-Chloro-3-methylphenol
 Concen: 45.08 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	19.3	28.9	
142	75.7	59.0	88.6	





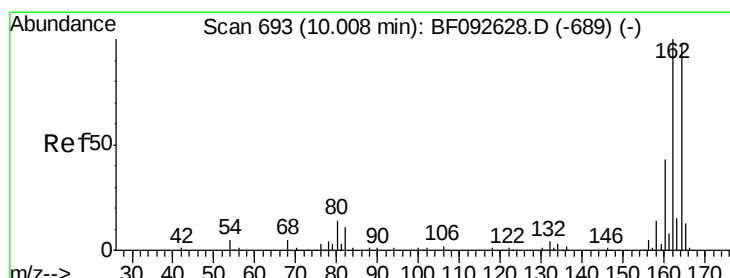
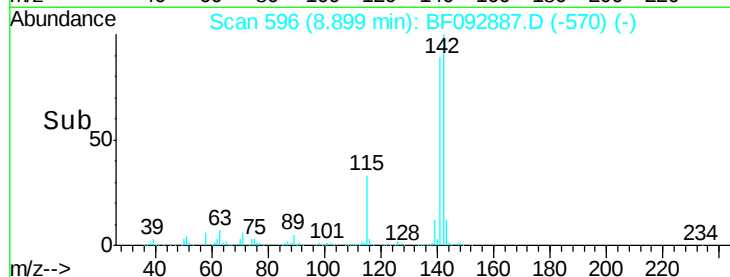
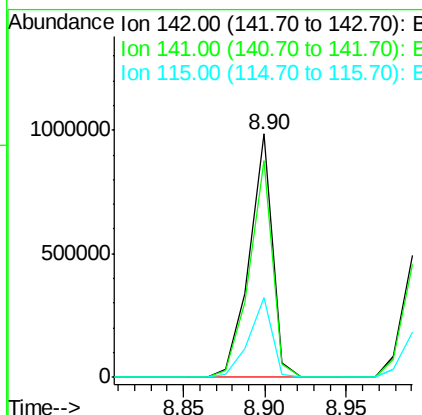
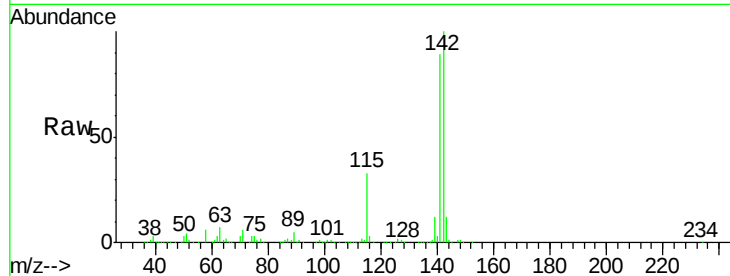
#37
 2-Methylnaphthalene
 Concen: 43.45 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	973093		
141	89.0	71.0	106.6	
115	32.6	28.3	42.5	

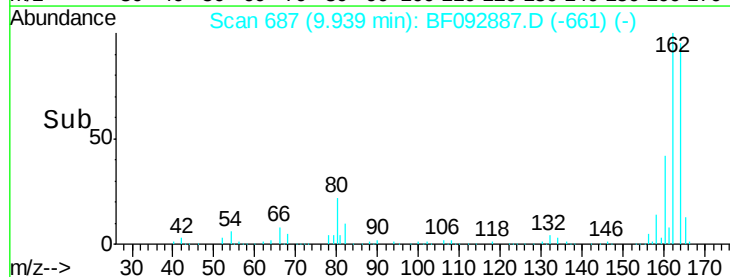
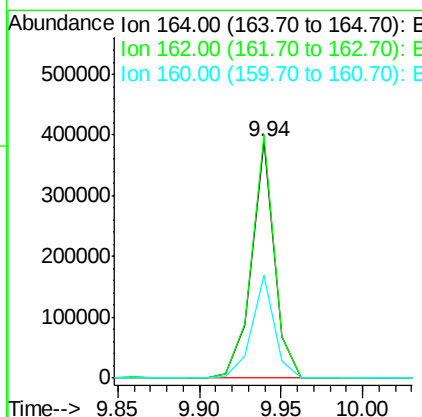
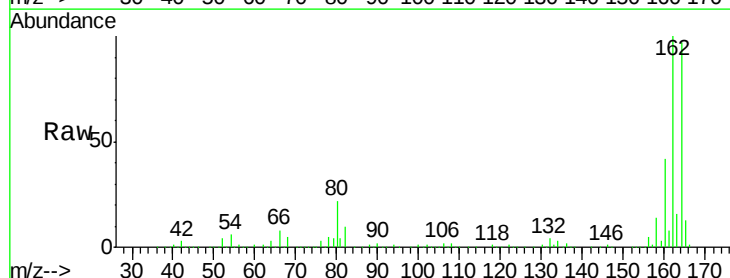
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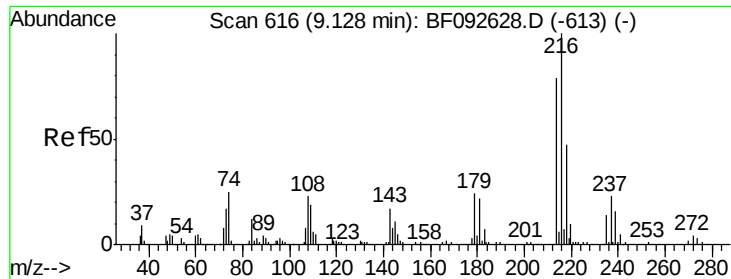
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	379729		
162	102.8	80.2	120.2	
160	43.5	36.9	55.3	





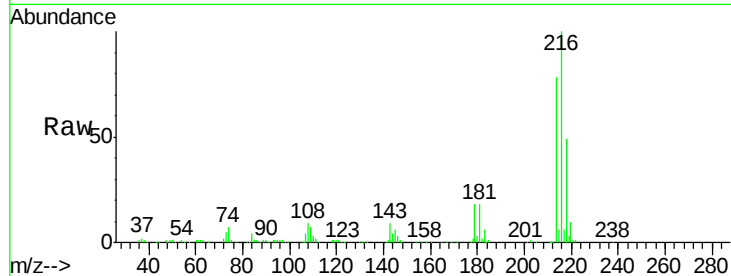
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.22 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	428687		
214	79.5	63.4	95.0	
179	20.7	17.4	26.2	
108	18.1	15.6	23.4	

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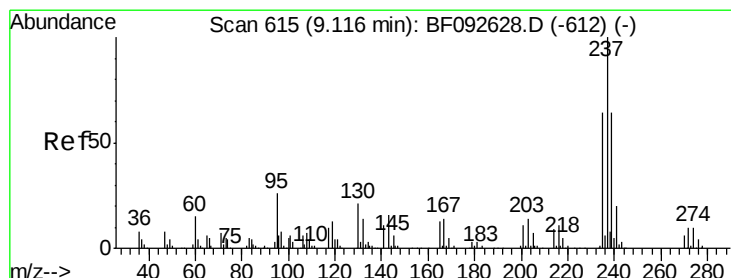
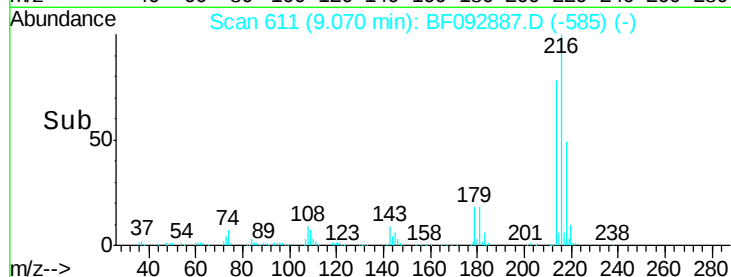
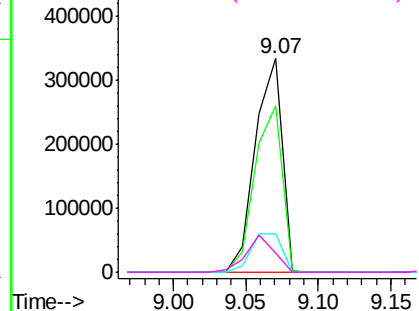
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

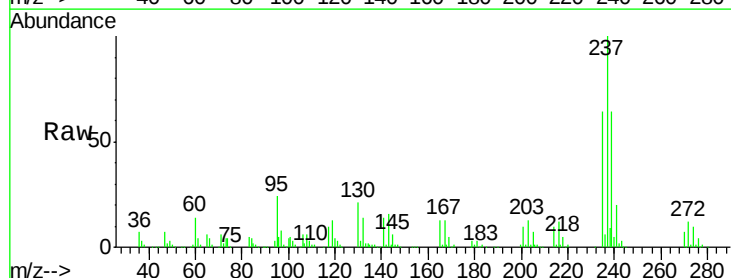
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 77.87 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	374474		
235	64.1	41.2	81.2	
272	11.9	0.0	35.4	

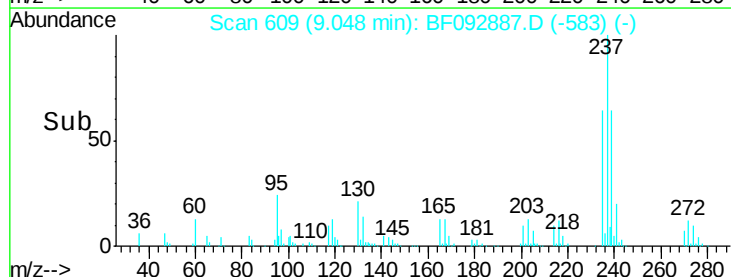
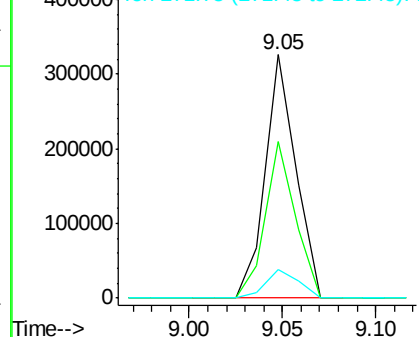


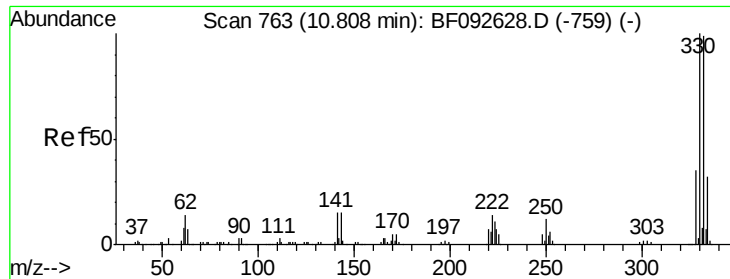
Abundance

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





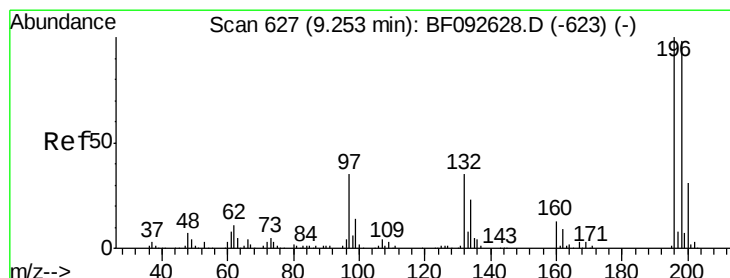
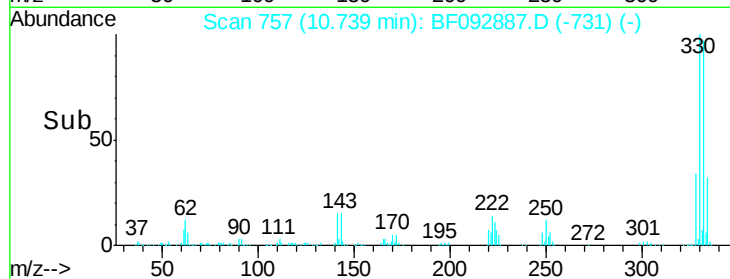
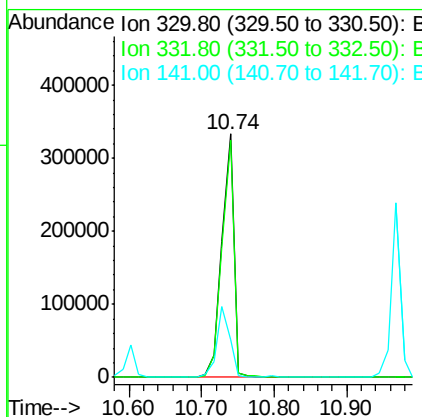
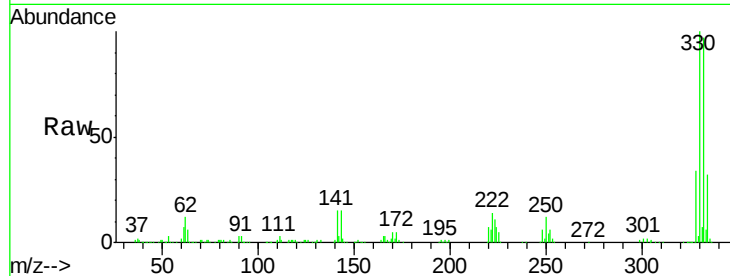
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.8	77.4	116.2
141	31.1	34.1	51.1#

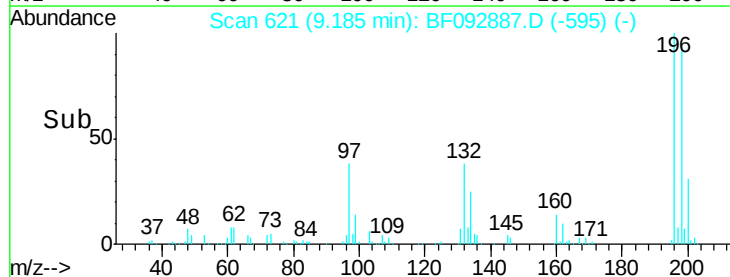
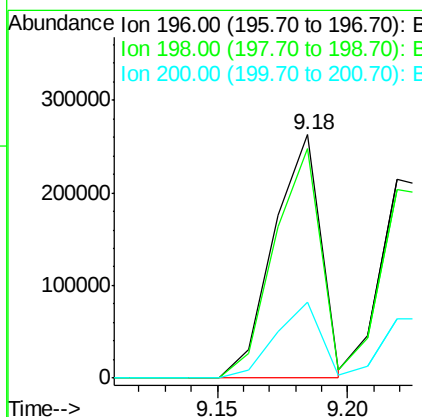
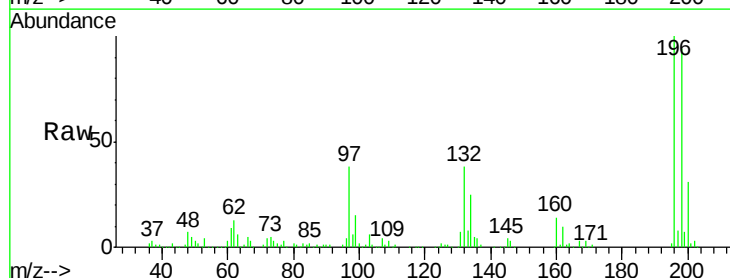
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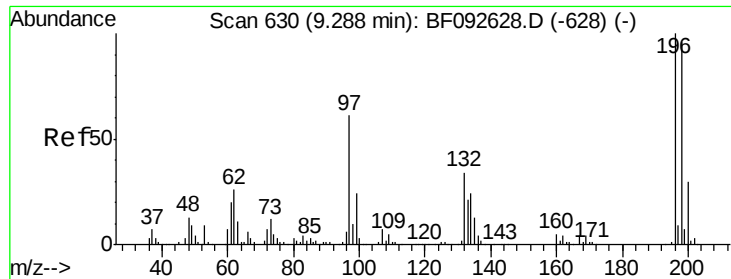
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#42
 2,4,6-Trichlorophenol
 Concen: 46.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.4	82.1	123.1
200	31.0	27.0	40.4





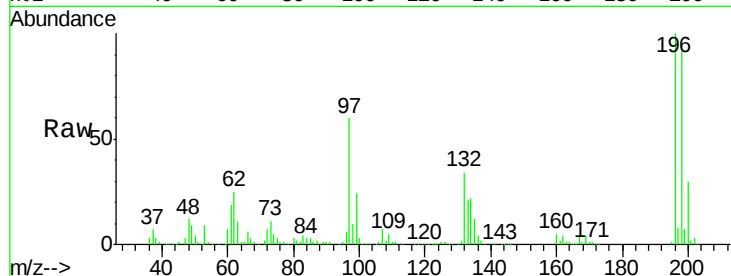
#43
 2,4,5-Trichlorophenol
 Concen: 42.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :
 PB96842BS

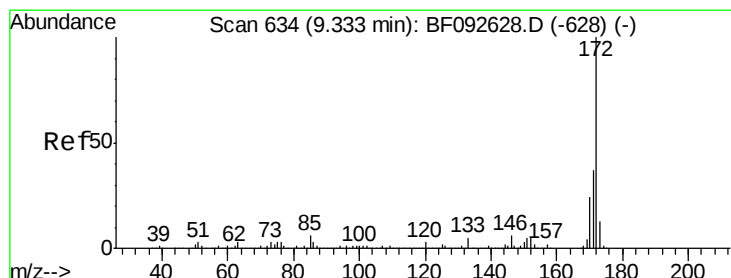
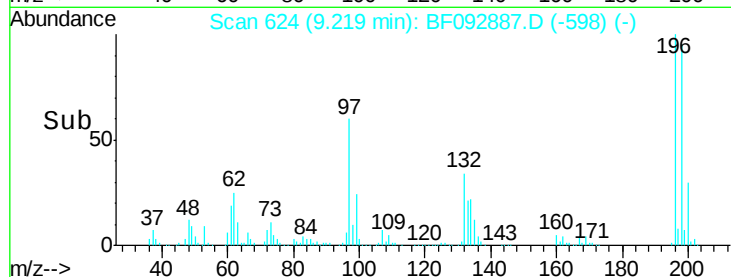
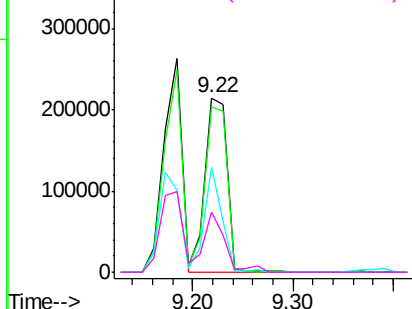
Tgt Ion:	196	Resp:	326423
Ion Ratio	Lower	Upper	
196	100		
198	95.2	79.4	119.2
97	60.3	51.5	77.3
132	34.4	27.4	41.2

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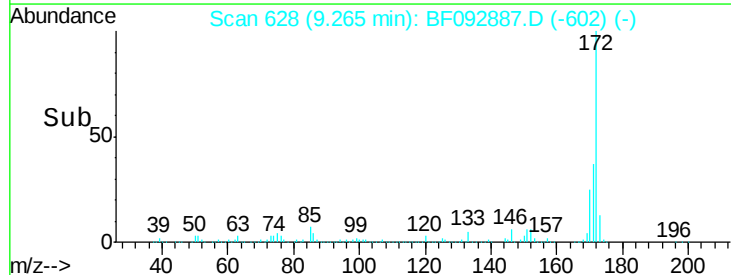
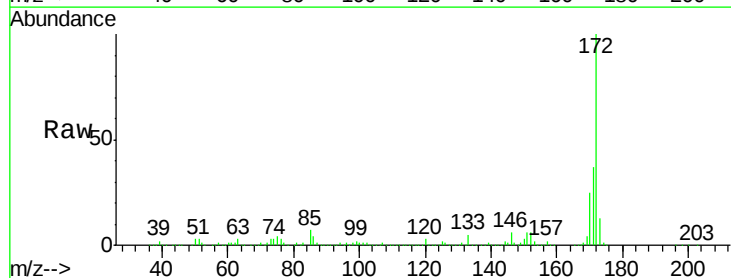
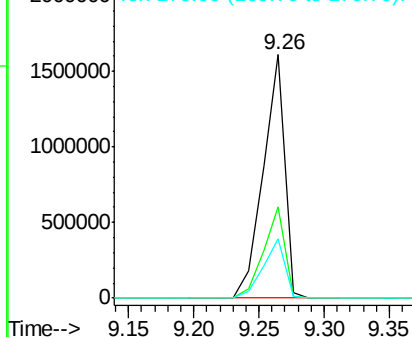
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

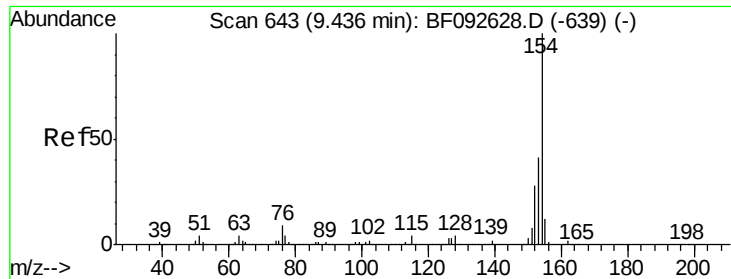


#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion:	172	Resp:	1860816
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.4	44.0
170	24.5	20.2	30.4

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





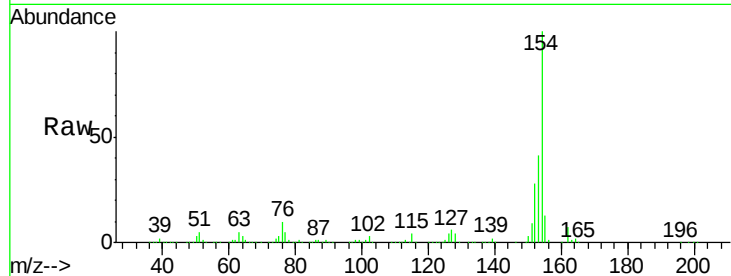
#45
1,1'-Biphenyl
Concen: 43.91 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

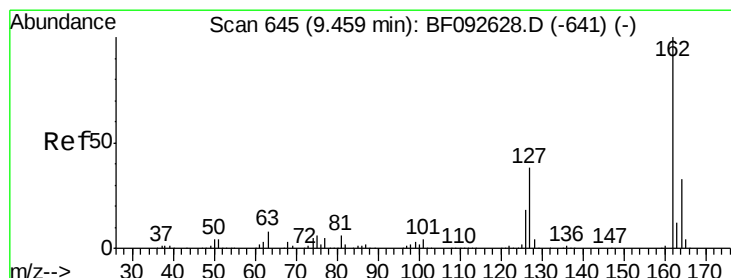
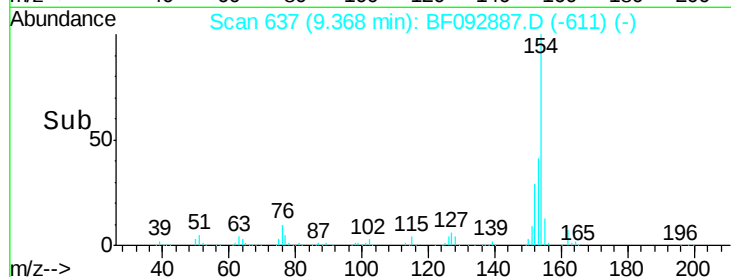
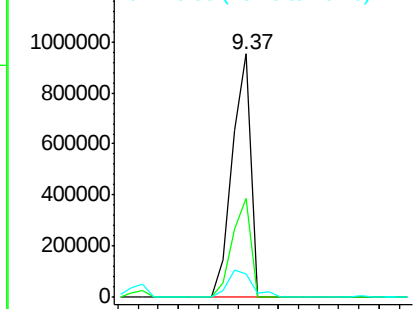
Tgt Ion:154 Resp: 1207394
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 9.5 0.0 30.5

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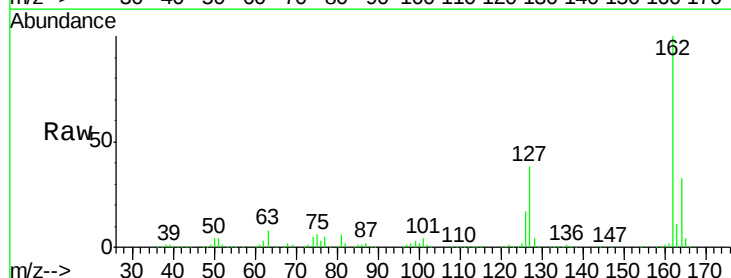


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

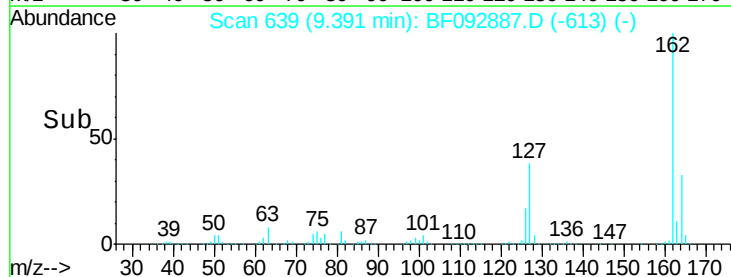
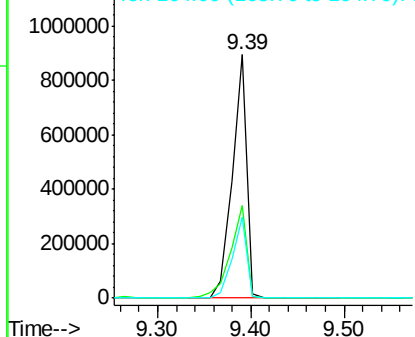


#46
2-Chloronaphthalene
Concen: 44.83 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion:162 Resp: 964260
Ion Ratio Lower Upper
162 100
127 37.9 30.7 46.1
164 33.4 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





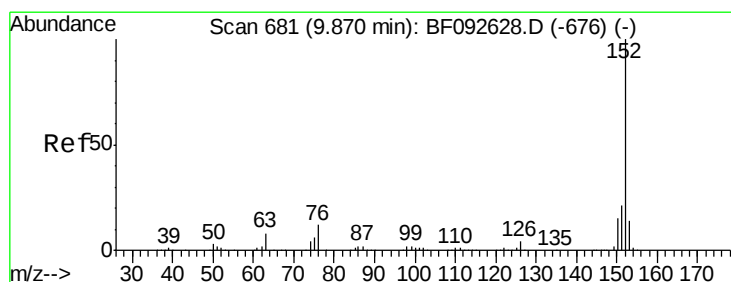
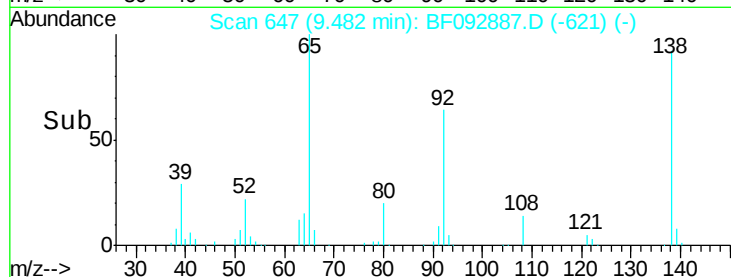
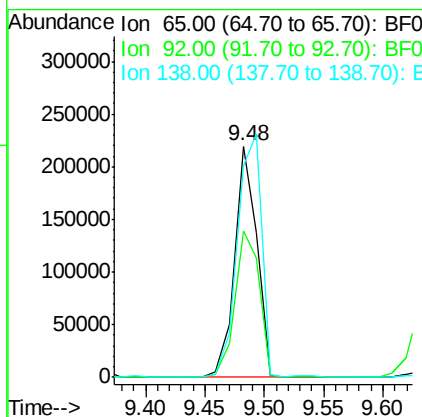
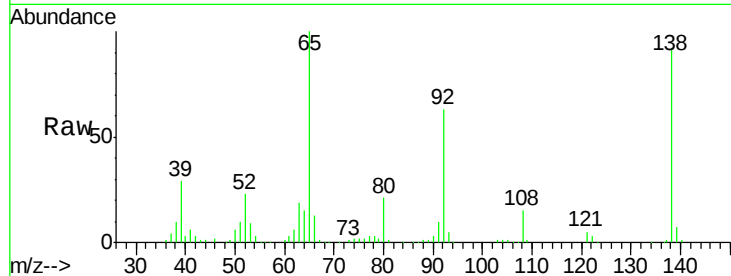
#47
2-Nitroaniline
Concen: 39.48 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	53.9	80.9
138	91.5	76.8	115.2

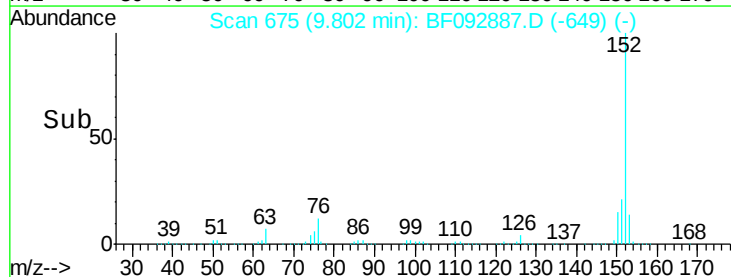
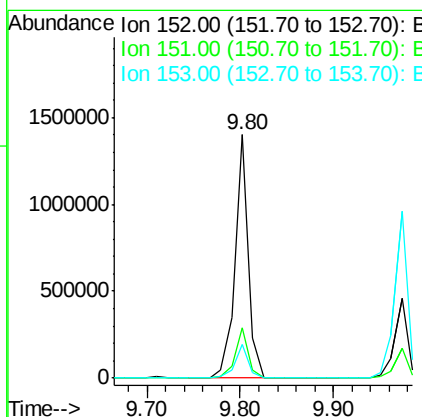
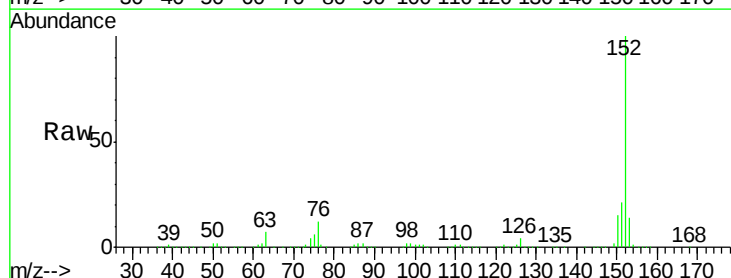
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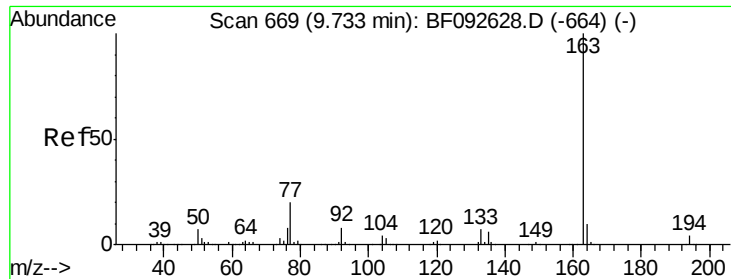
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#48
Acenaphthylene
Concen: 37.53 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.7	11.4	17.2





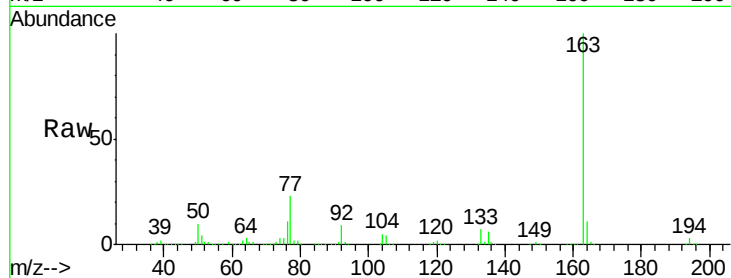
#49
Dimethylphthalate
Concen: 43.02 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

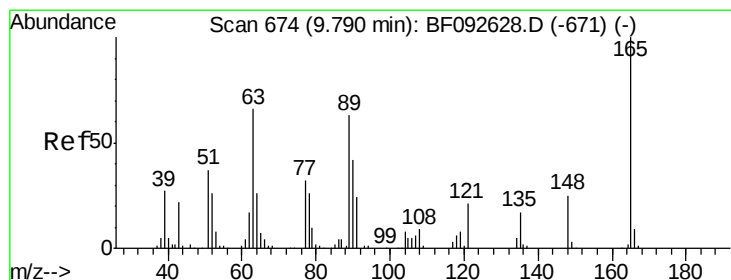
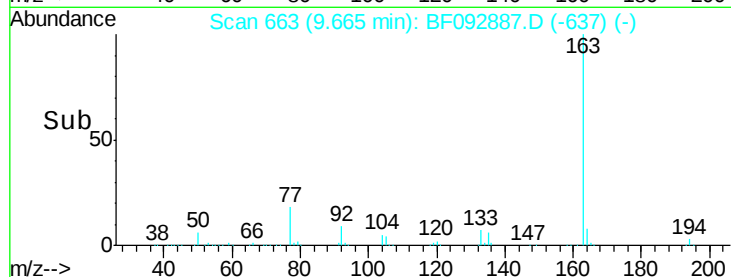
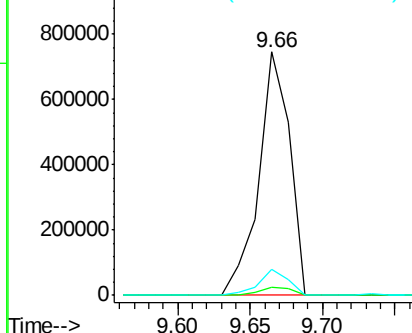
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.8	8.0	12.0

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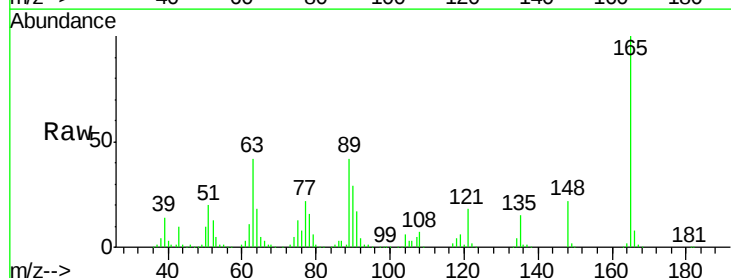


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

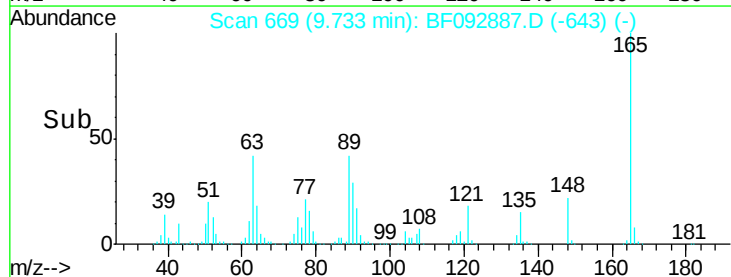
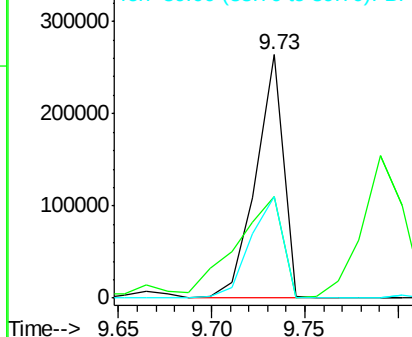


#50
2,6-Dinitrotoluene
Concen: 48.85 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	36.2	54.4
89	41.8	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





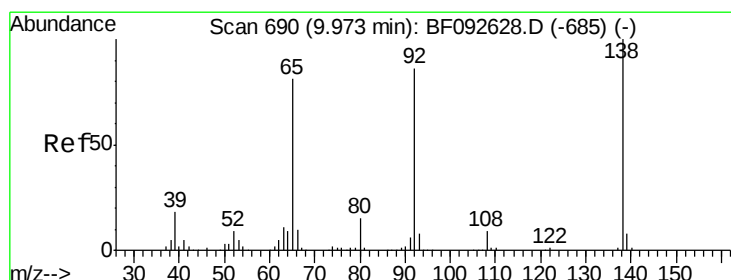
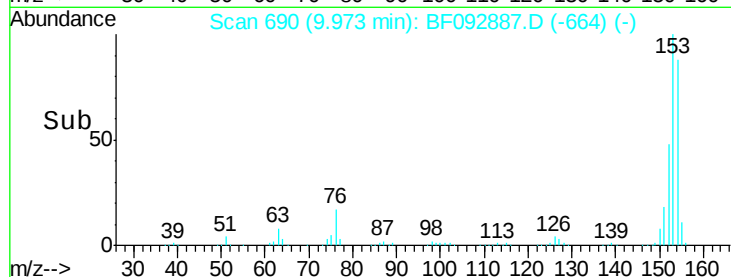
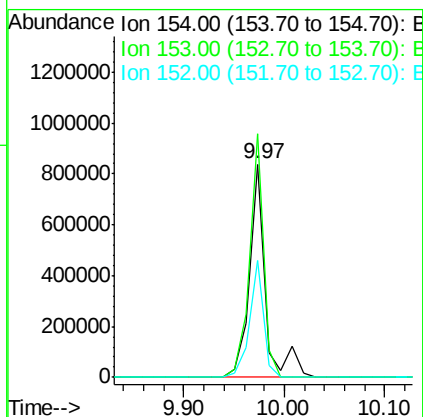
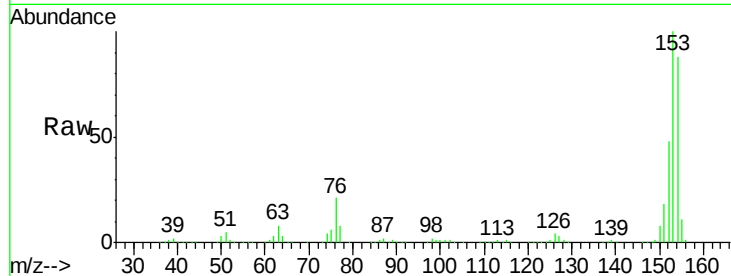
#51
Acenaphthene
Concen: 41.82 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.6	133.0
152	55.0	41.6	62.4

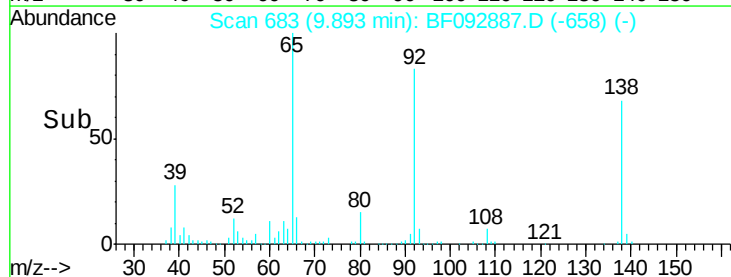
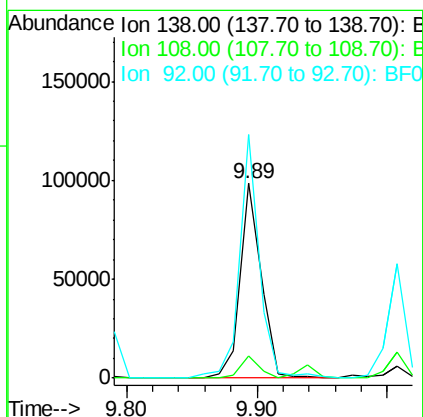
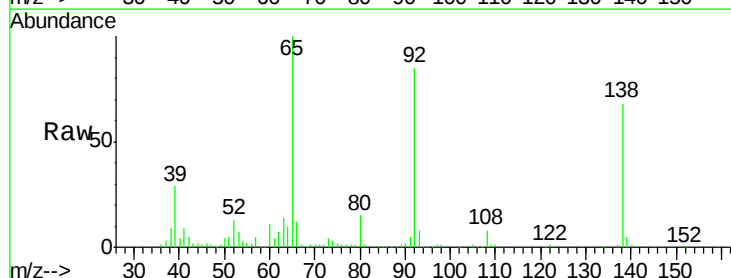
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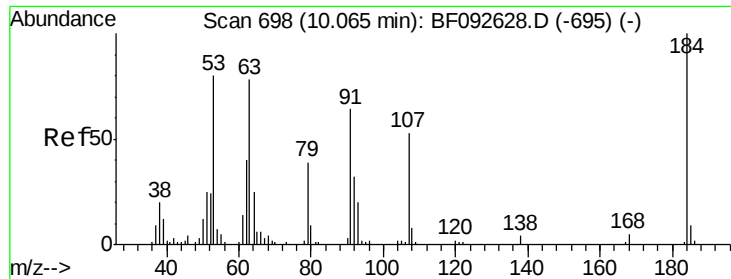
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#52
3-Nitroaniline
Concen: 17.47 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	125.2	97.8	146.8





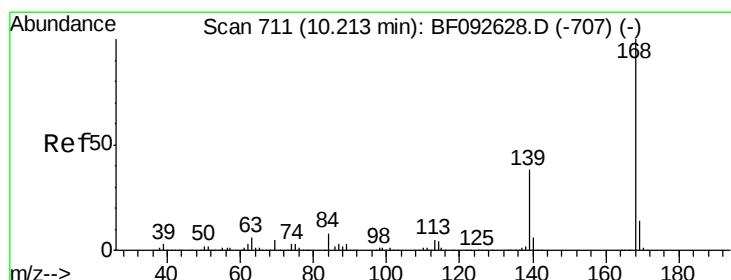
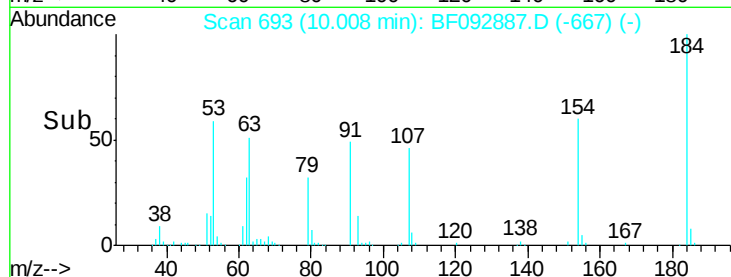
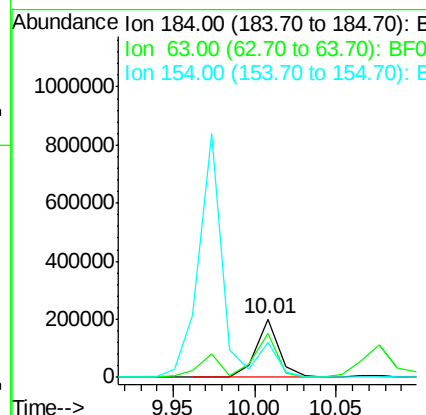
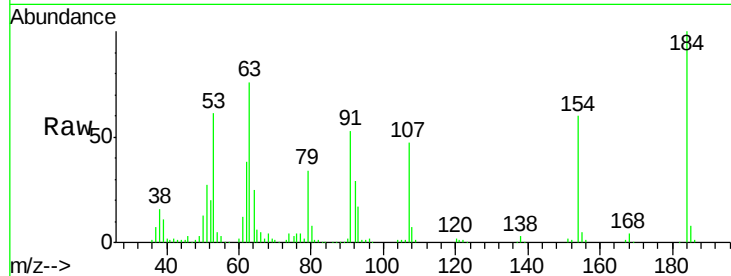
#53
2,4-Dinitrophenol
Concen: 72.50 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202385		
63	75.7	28.4	42.6	#
154	59.9	44.3	66.5	

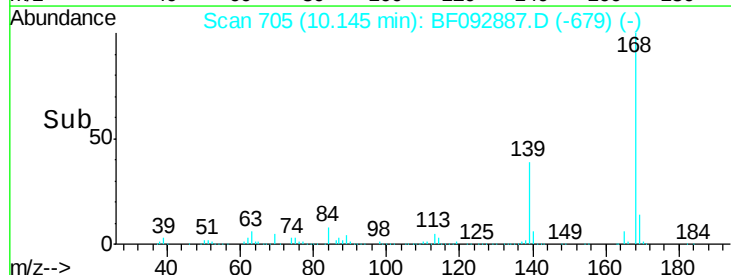
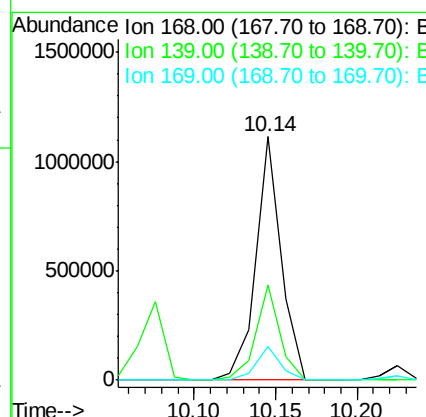
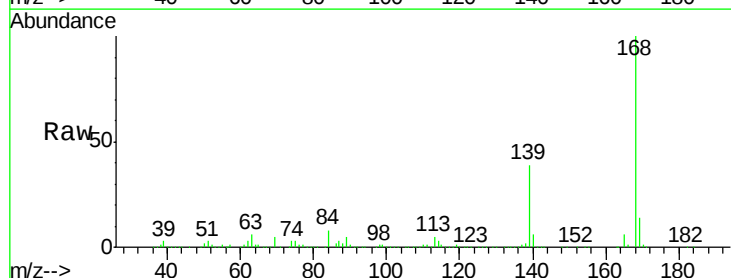
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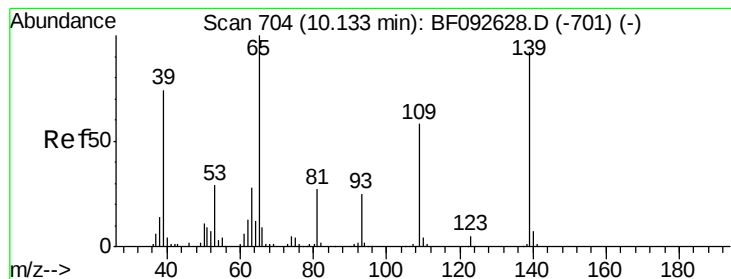
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#54
Dibenzofuran
Concen: 40.44 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1201564		
139	39.0	32.6	49.0	
169	13.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 83.48 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

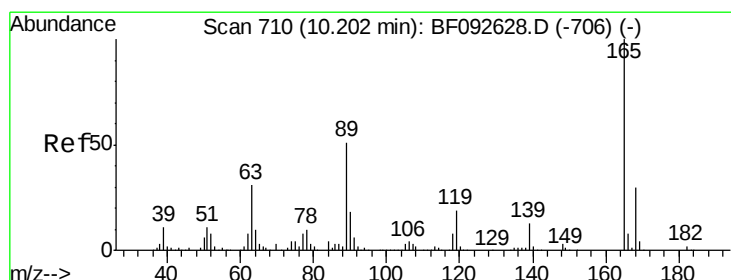
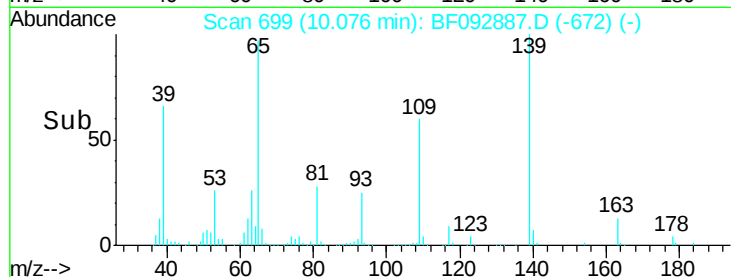
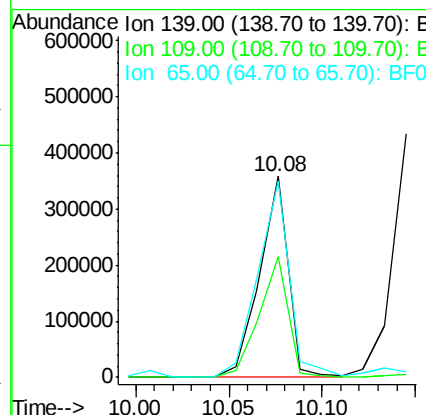
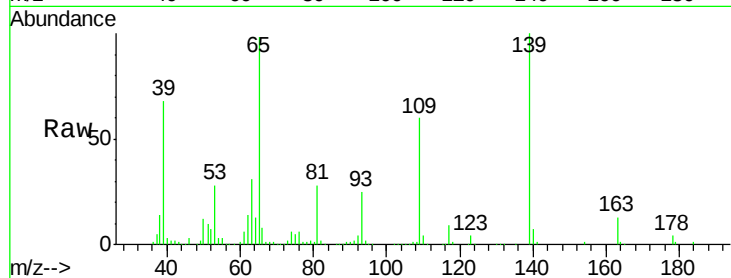
ClientSampleId :

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Tgt Ion:	139	Resp:	380093
Ion Ratio	Lower	Upper	
139	100		
109	60.4	52.2	92.2
65	97.5	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 39.82 ng

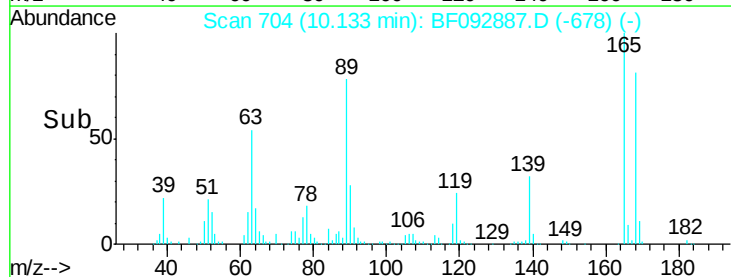
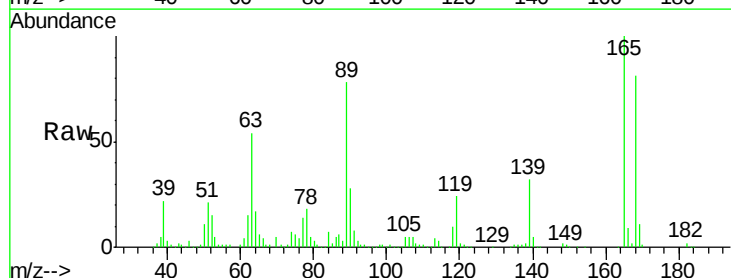
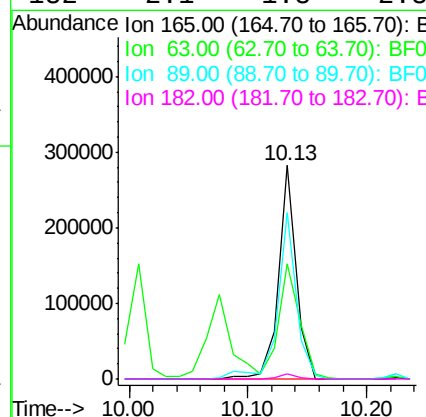
RT: 10.13 min Scan# 704

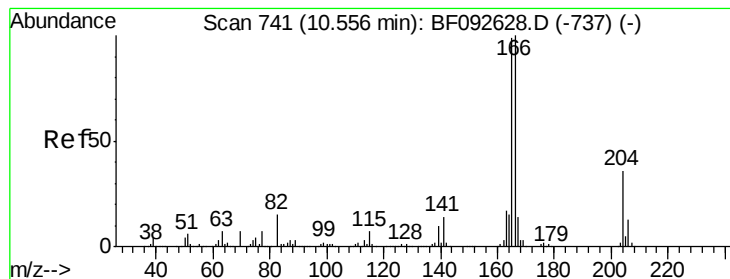
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	165	Resp:	292839
Ion Ratio	Lower	Upper	
165	100		
63	54.2	40.2	60.4
89	77.7	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 39.50 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

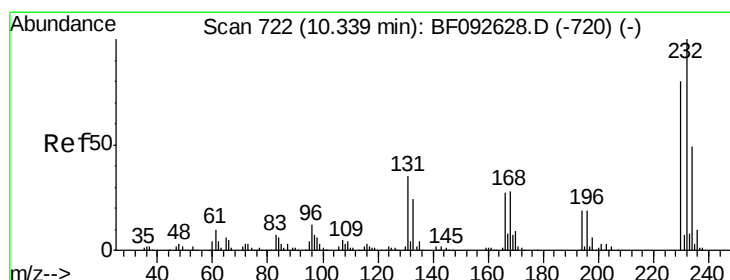
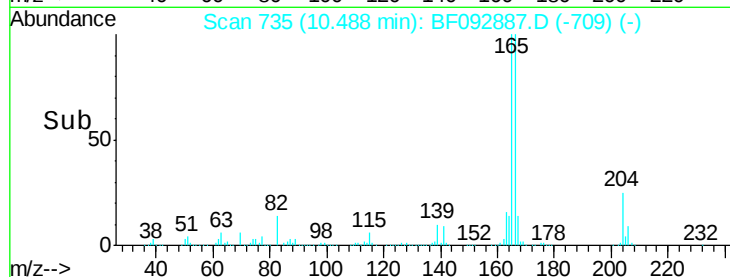
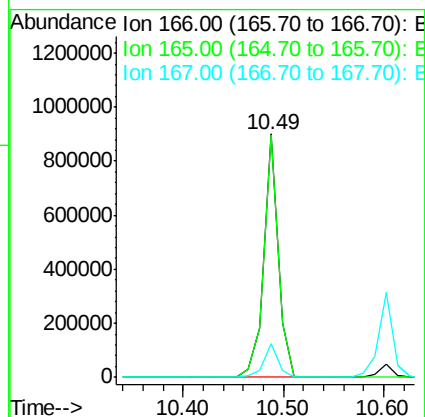
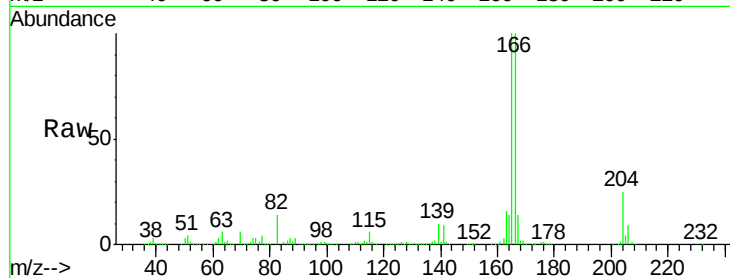
ClientSampleId :

PB96842BS

Tgt Ion:	166	Resp:	903013
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.8	116.8
167	13.7	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.35 ng

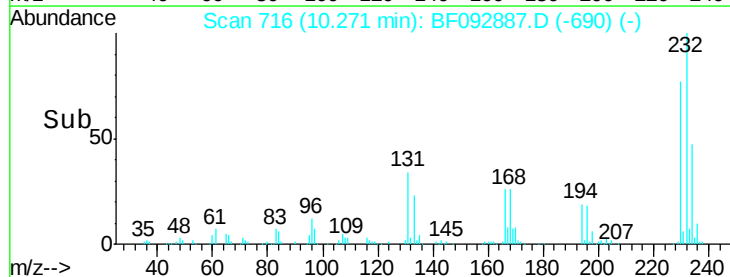
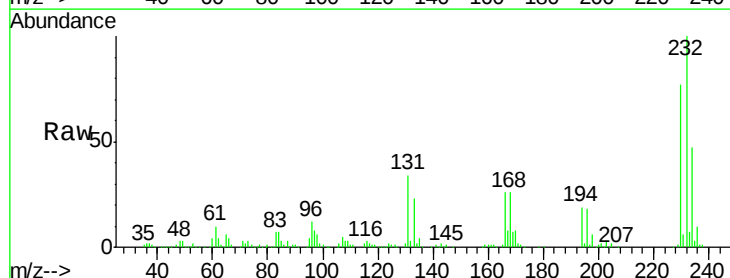
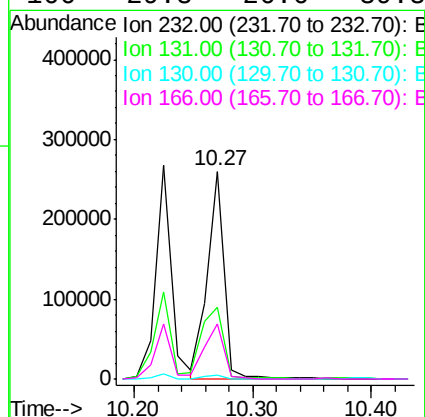
RT: 10.27 min Scan# 716

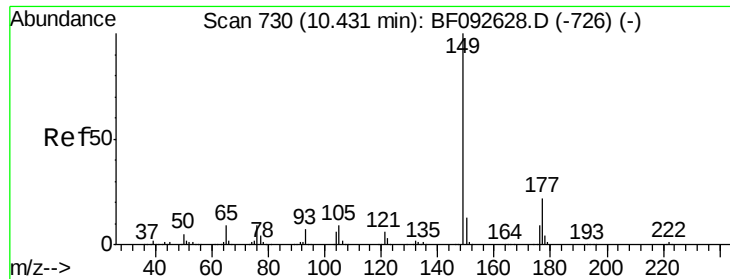
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	232	Resp:	257771
Ion Ratio	Lower	Upper	
232	100		
131	47.4	40.1	60.1
130	2.2	1.8	2.8
166	29.8	26.6	39.8





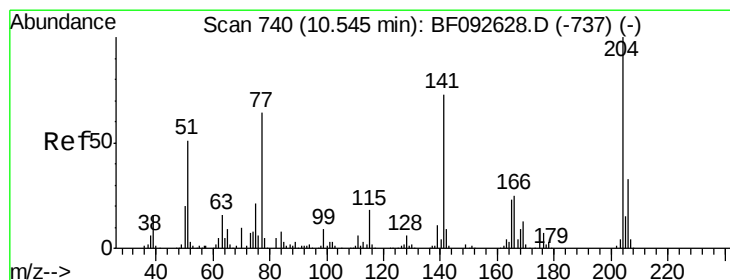
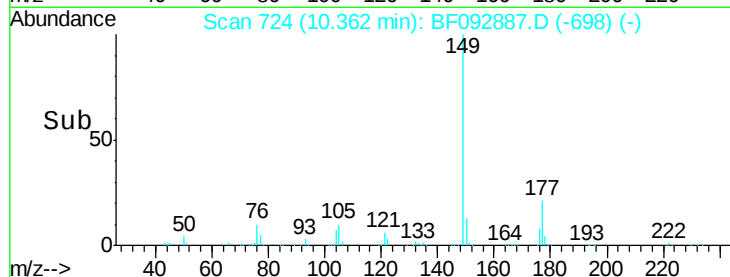
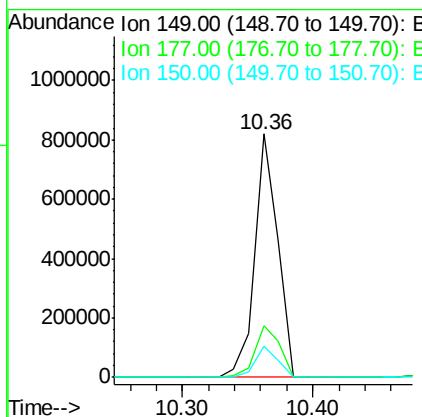
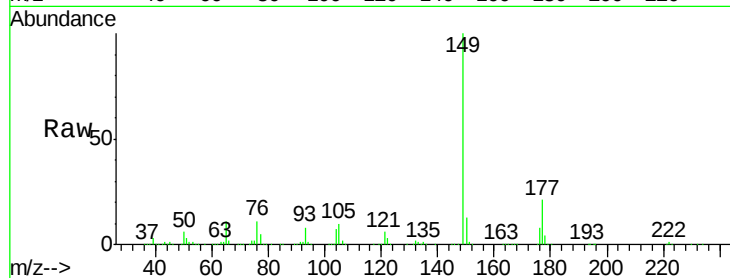
#59
Diethylphthalate
Concen: 41.63 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampled :
PB96842BS

Tgt Ion:149 Resp: 1003485
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.7 10.4 15.6

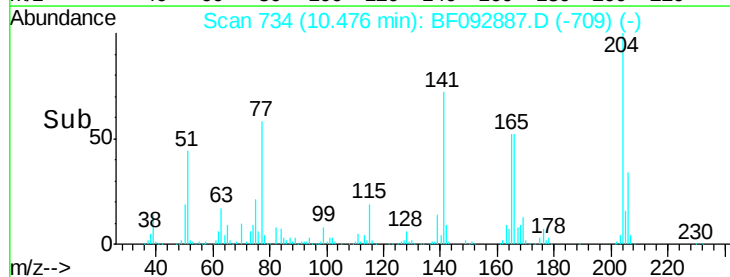
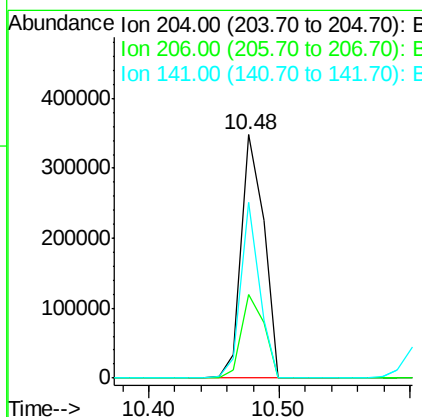
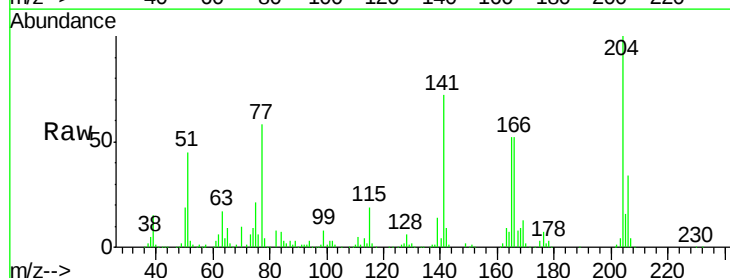
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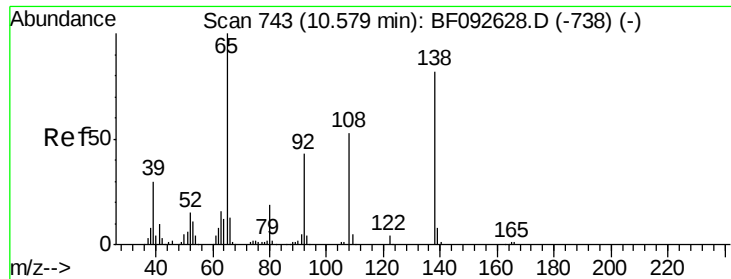
mohammad
2/13/2017 12:41:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.20 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion:204 Resp: 419520
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 72.1 59.4 89.0





#61

4-Nitroaniline

Concen: 41.18 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

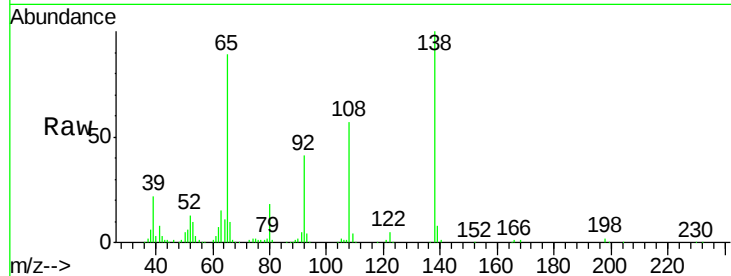
ClientSampleID :

PB96842BS

Tgt Ion:	138	Resp:	266630
Ion Ratio	Lower	Upper	
138	100		
92	41.5	31.7	71.7
108	57.0	52.6	92.6

Manual Integrations
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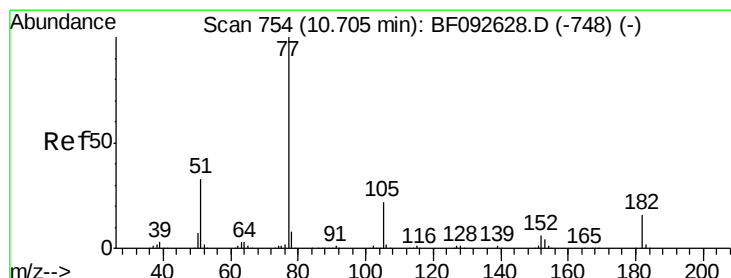
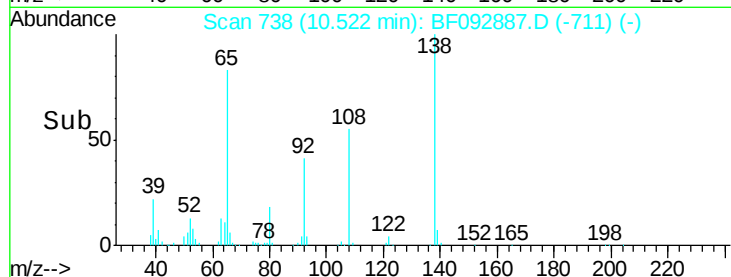
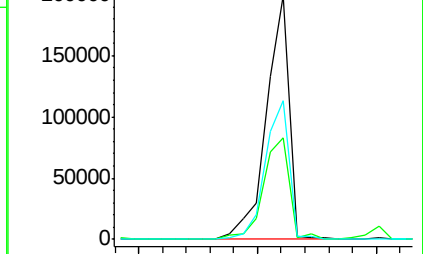
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.45 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

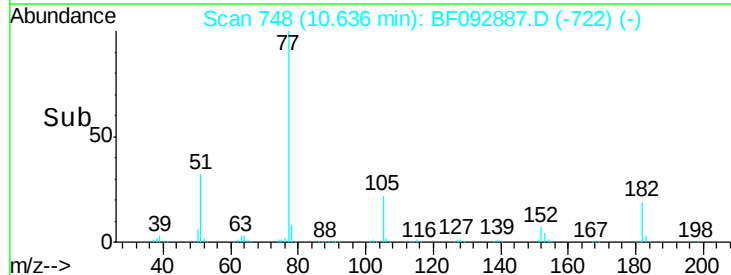
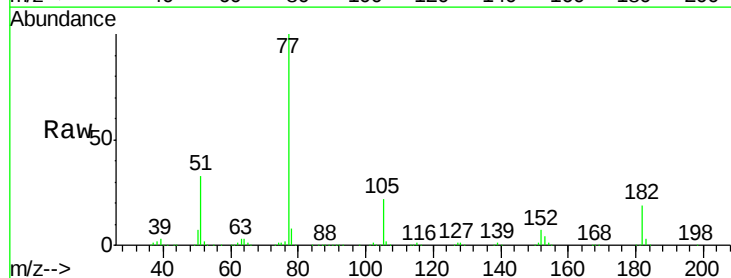
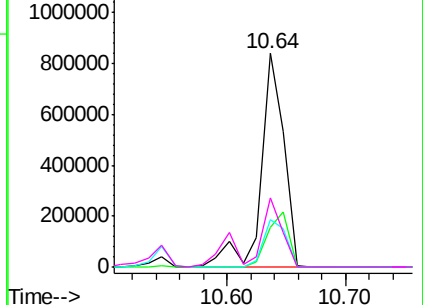
Tgt Ion:	77	Resp:	1131894
Ion Ratio	Lower	Upper	
77	100		
182	18.9	0.0	39.3
105	22.3	2.3	42.3
51	32.6	8.9	48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





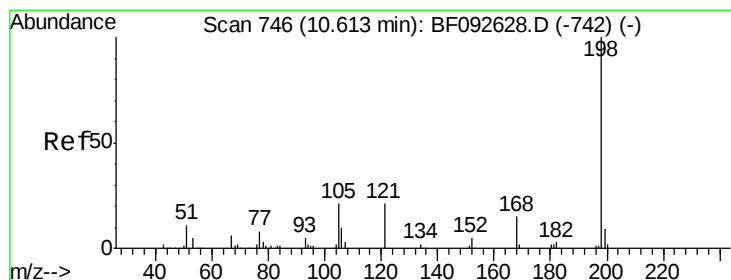
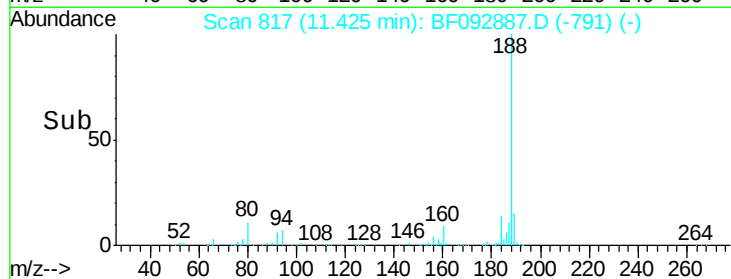
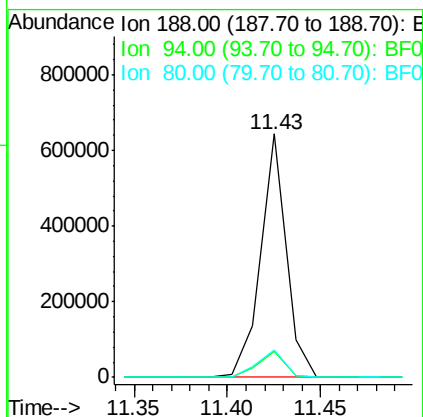
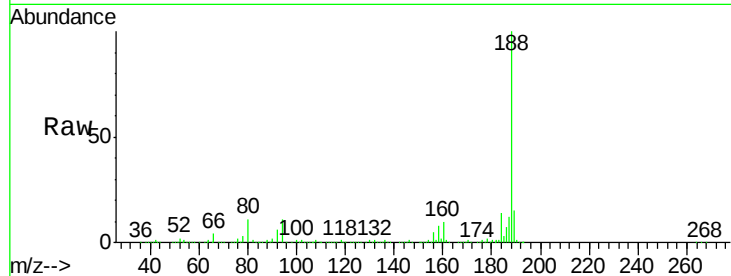
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	612344		
94	10.6		10.0	15.0
80	11.3		11.2	16.8

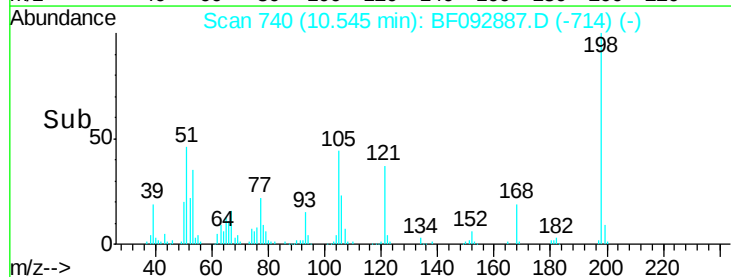
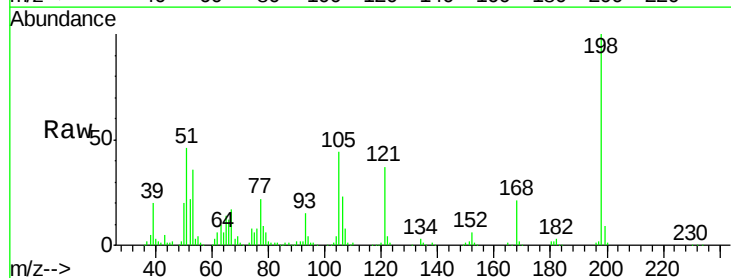
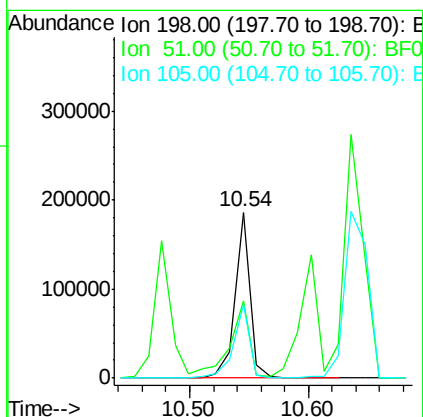
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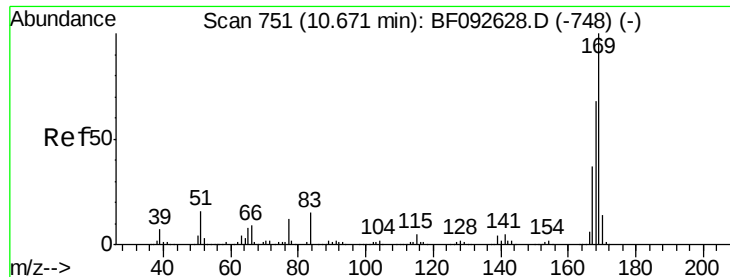
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.52 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	165175		
51	46.4		6.7	46.7
105	44.2		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 42.30 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

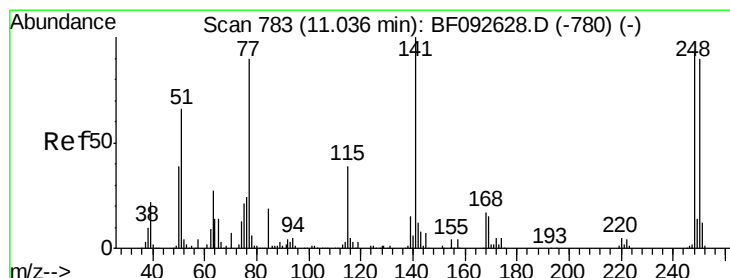
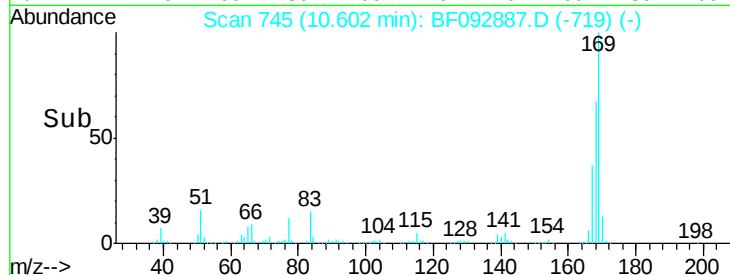
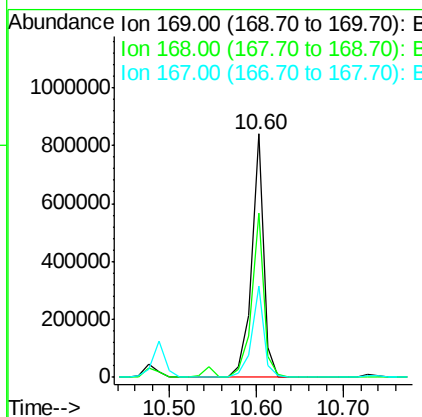
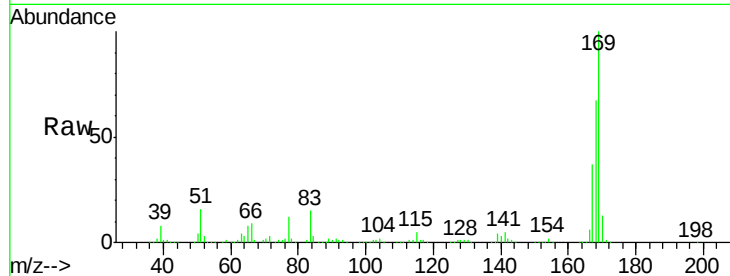
ClientSampleId :

PB96842BS

Tgt Ion:	169	Resp:	827359
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.4	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 41.26 ng

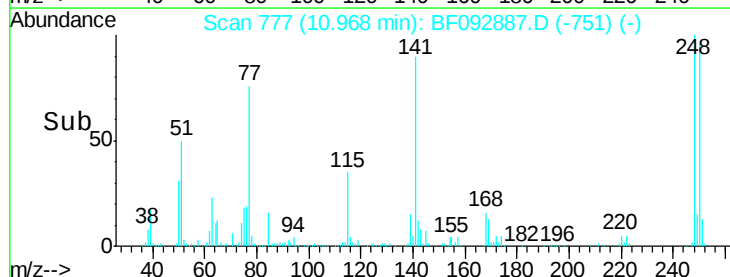
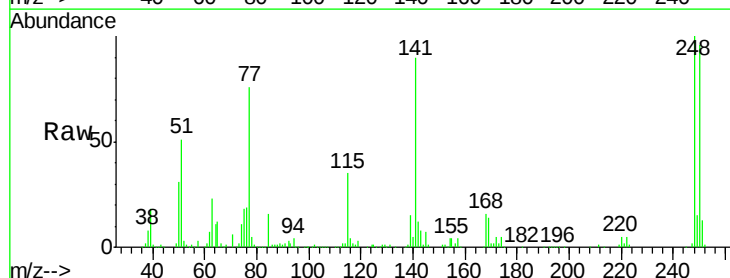
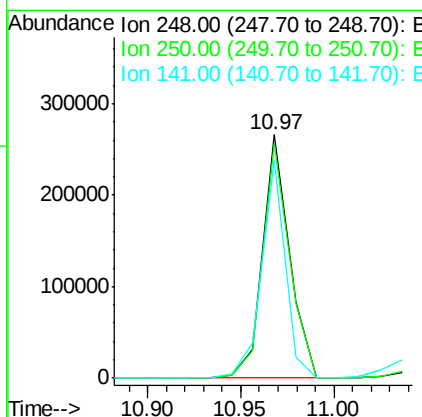
RT: 10.97 min Scan# 777

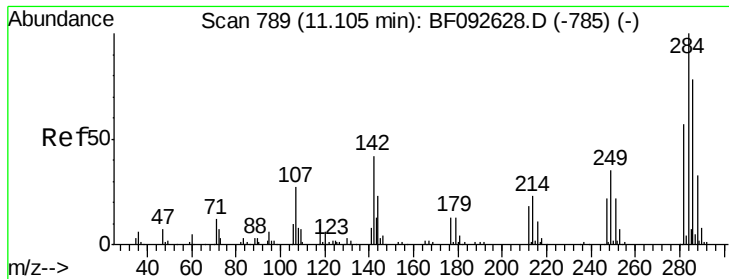
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	248	Resp:	263933
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	89.5	68.2	102.4





#67

Hexachlorobenzene

Concen: 43.19 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092887.D

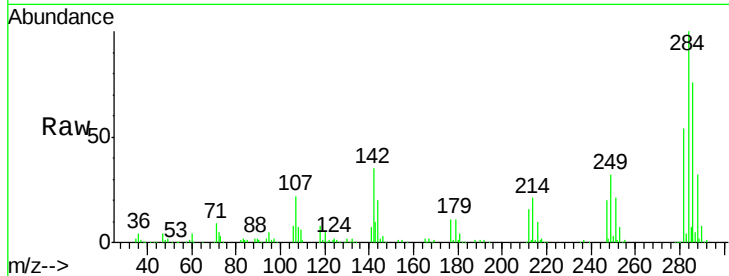
Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

ClientSampleId :

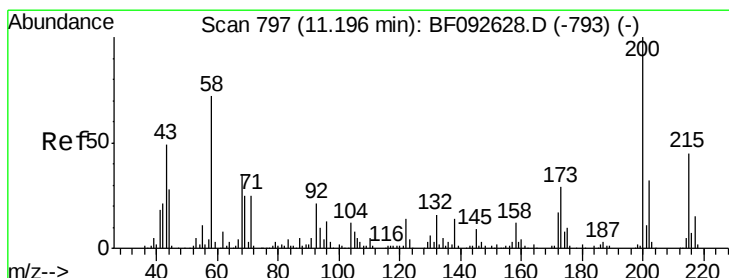
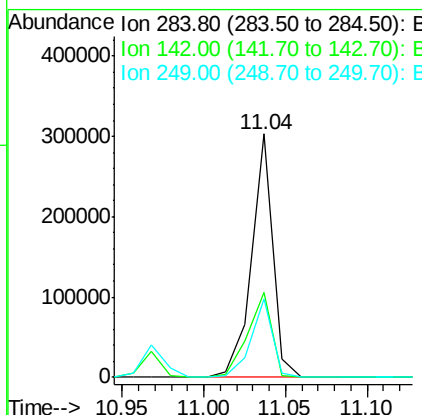
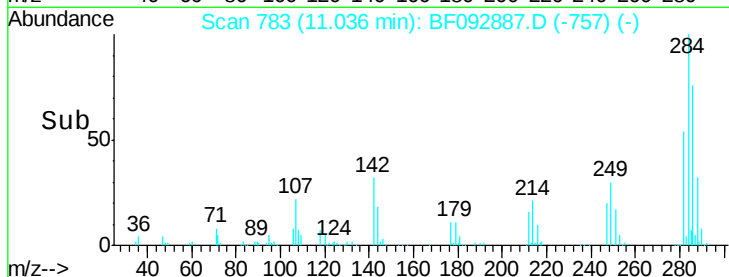
PB96842BS



Tgt Ion:	284	Resp:	273049
Ion Ratio	Lower	Upper	
284	100		
142	35.0	22.6	33.8#
249	32.1	25.4	38.0

Manual Integrations
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#68

Atrazine

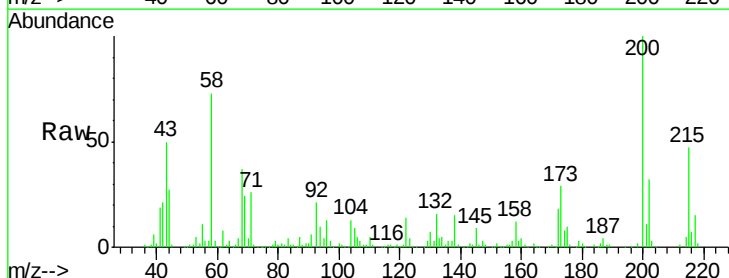
Concen: 40.19 ng

RT: 11.13 min Scan# 791

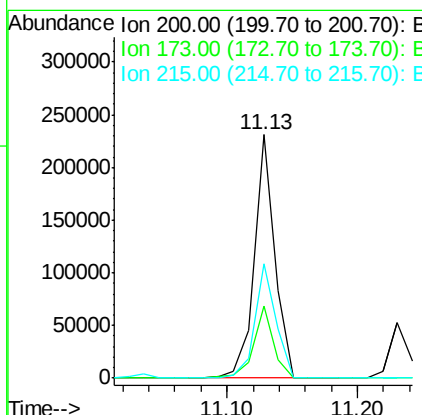
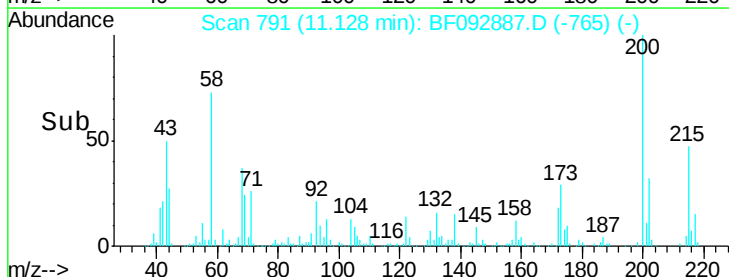
Delta R.T. 0.00 min

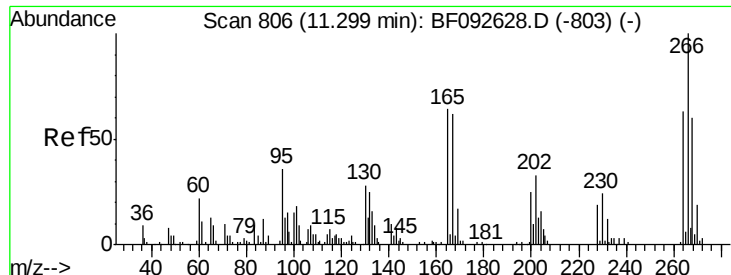
Lab File: BF092887.D

Acq: 10 Feb 2017 17:12



Tgt Ion:	200	Resp:	252313
Ion Ratio	Lower	Upper	
200	100		
173	29.5	9.6	49.6
215	46.7	25.7	65.7





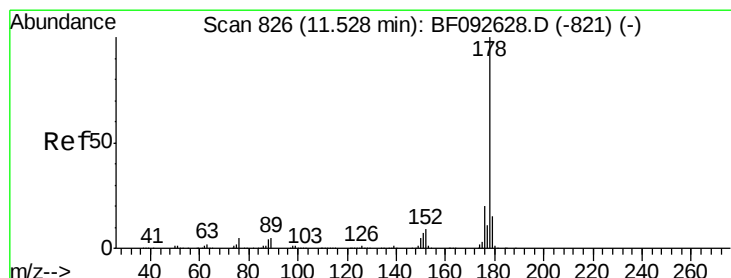
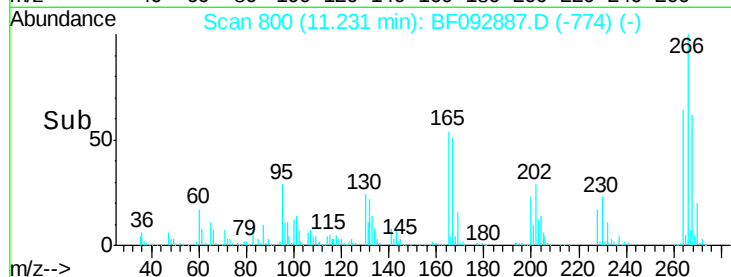
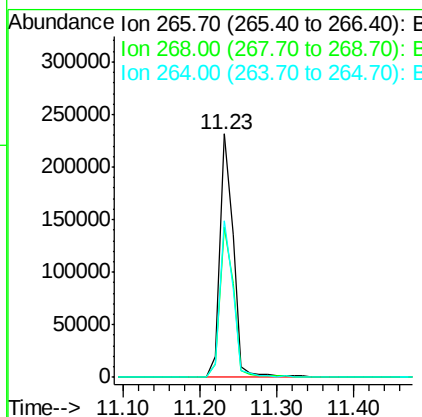
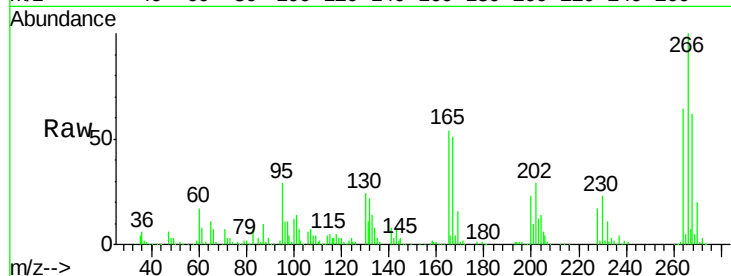
#69
 Pentachlorophenol
 Concen: 86.98 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	286122		
268	61.7	53.3	79.9	
264	64.1	50.3	75.5	

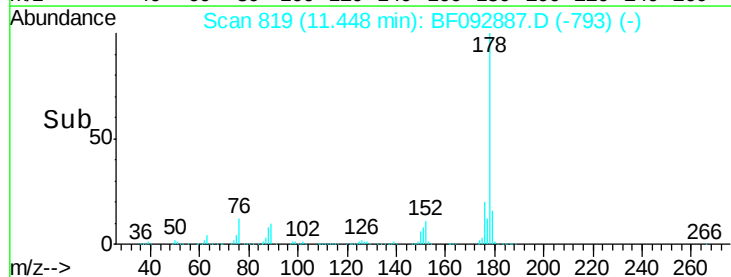
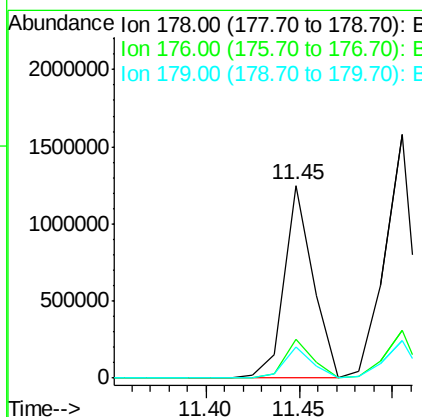
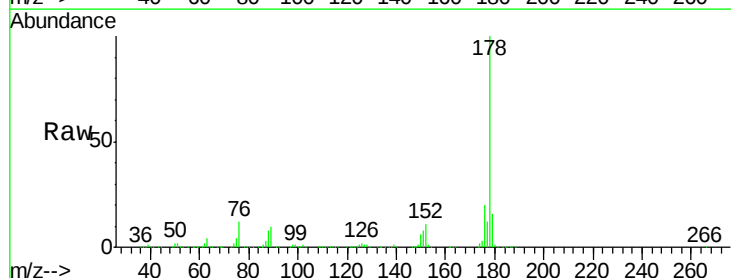
Manual Integrations
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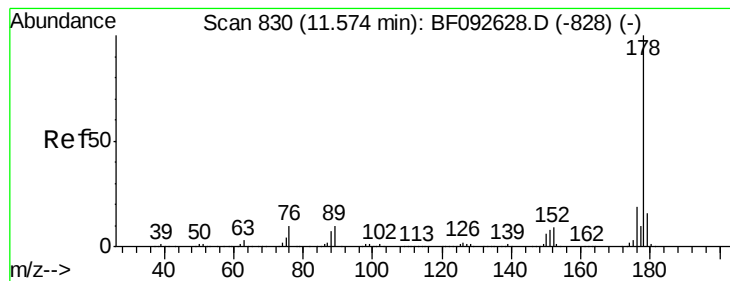
mohammad
 2/13/2017 12:41:02 PM



#70
 Phenanthrene
 Concen: 38.33 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1344844		
176	19.9	16.6	25.0	
179	15.9	12.8	19.2	





#71

Anthracene

Concen: 44.03 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB96842BS

Tgt Ion:178 Resp: 1551346

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

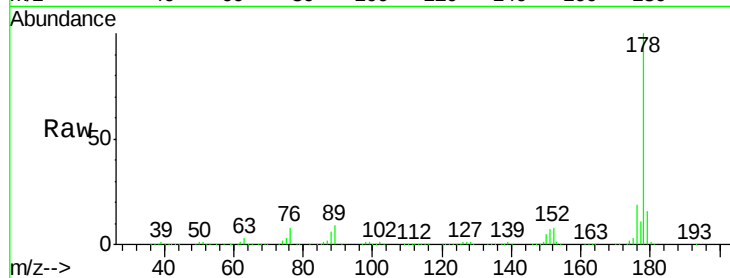
179 15.6 13.2 19.8

Manual Integrations

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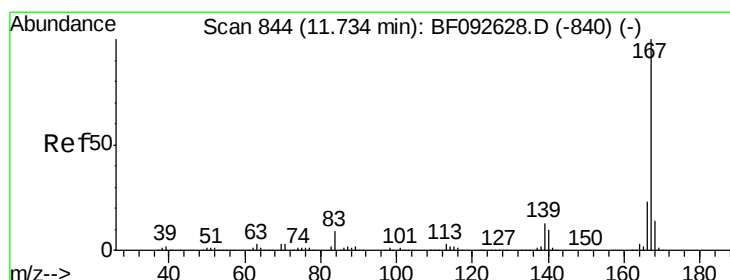
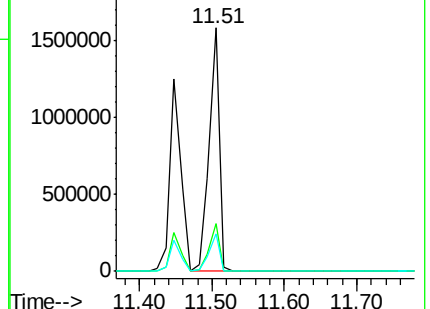
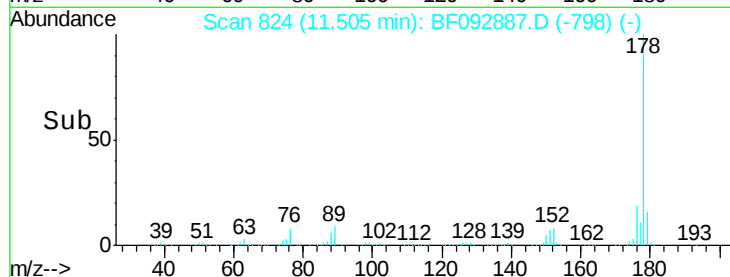
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.37 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

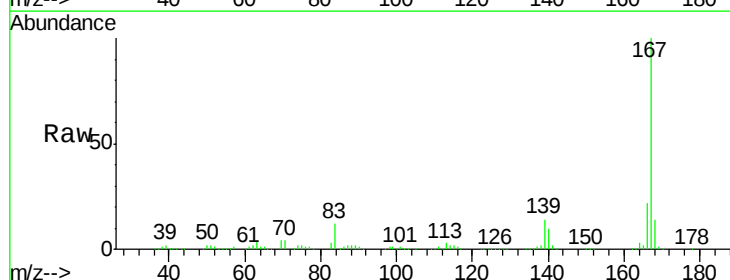
Tgt Ion:167 Resp: 1292207

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

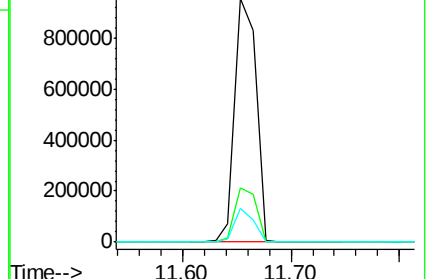
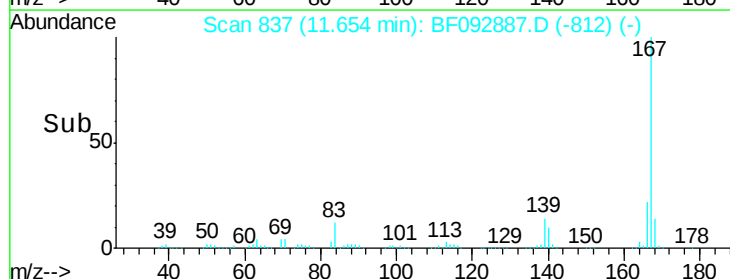
139 13.9 11.4 17.2

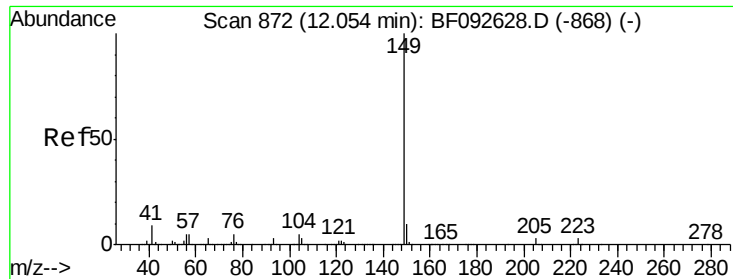


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.93 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

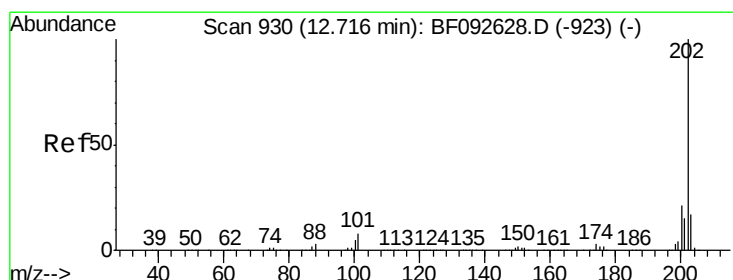
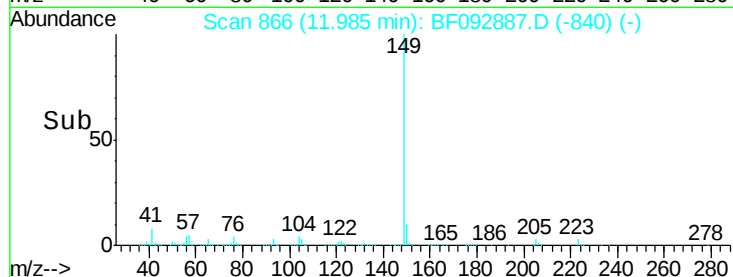
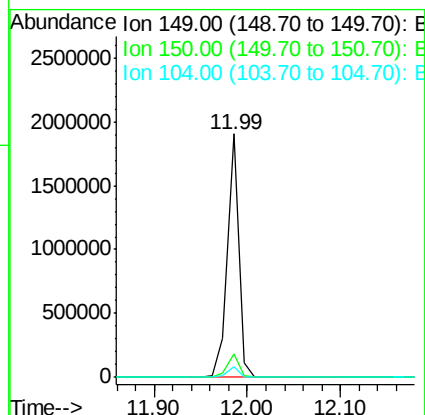
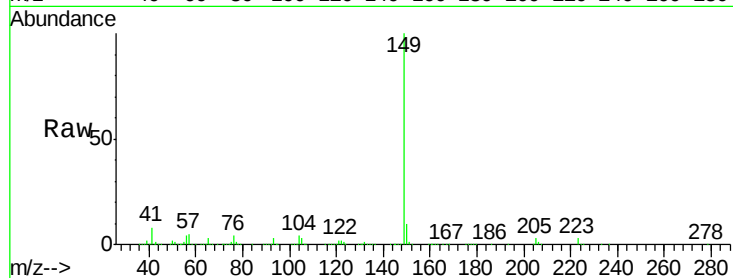
ClientSampleId :

PB96842BS

Tgt Ion:149 Resp: 1600054
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.1 12.1
 104 4.5 4.6 7.0#

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#74

Fluoranthene

Concen: 38.27 ng

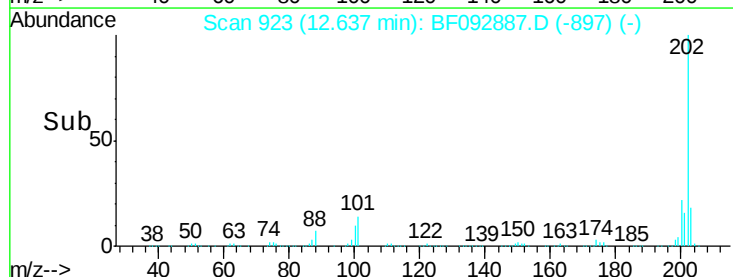
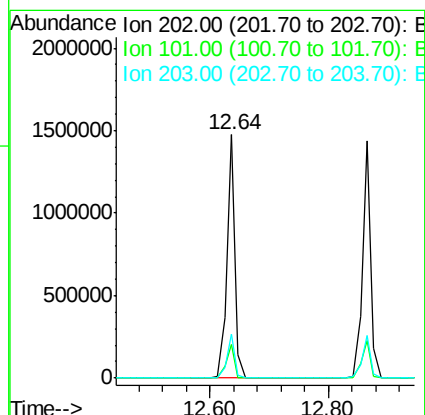
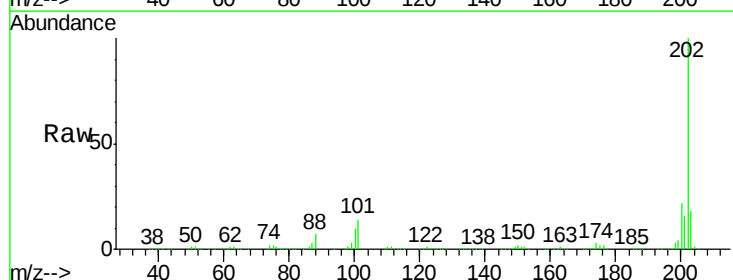
RT: 12.64 min Scan# 923

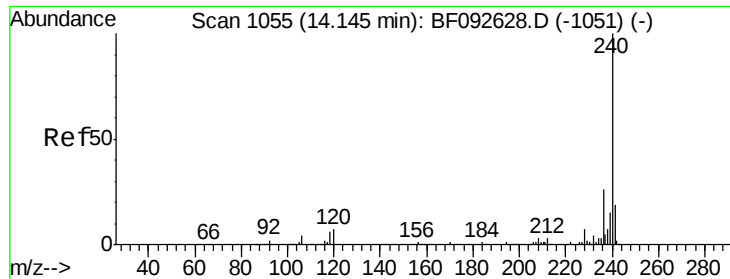
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:202 Resp: 1384753
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 34.6
 203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

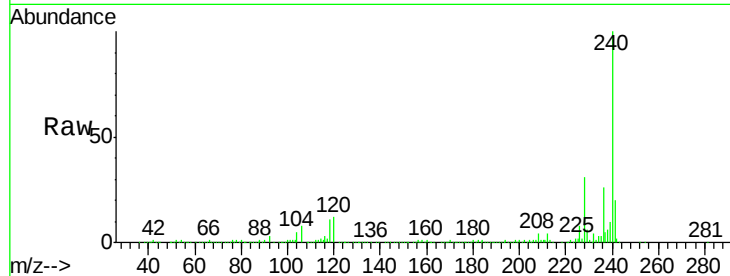
ClientSampleId :

PB96842BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.1	20.9	31.3

Manual Integrations
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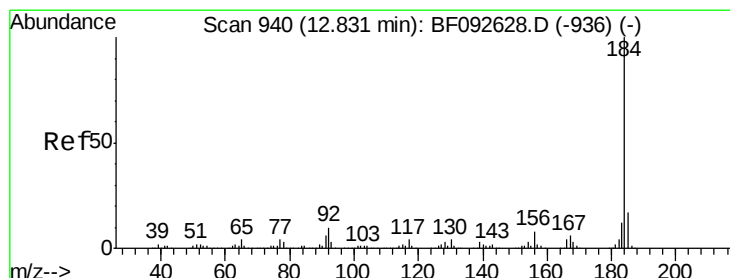
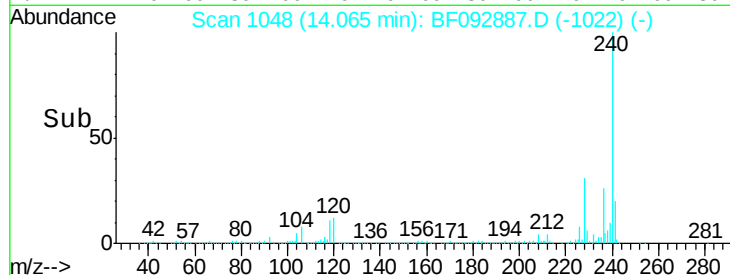
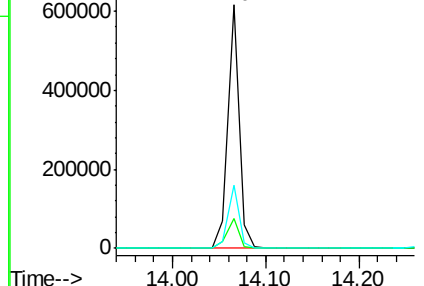
mohammad
2/13/2017 12:41:02 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.57 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092887.D

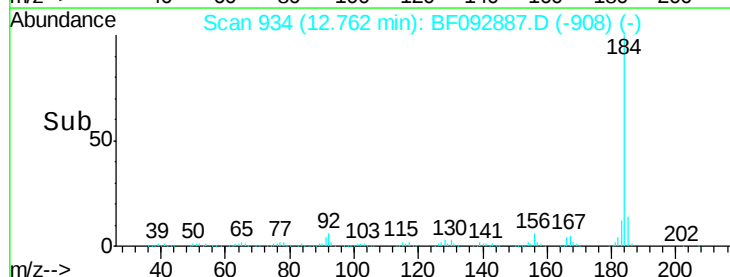
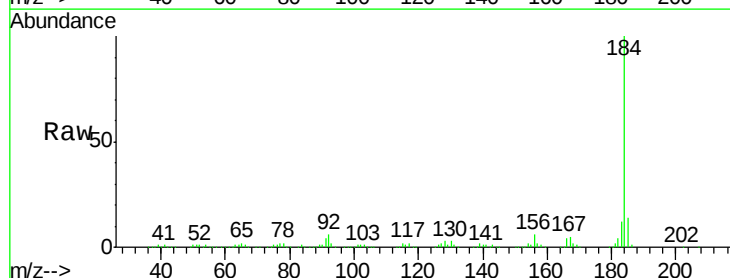
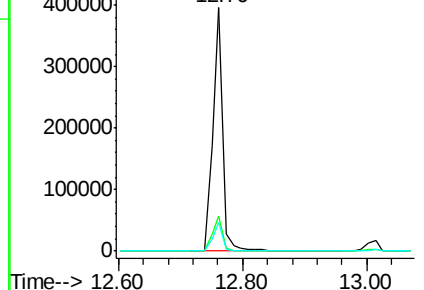
Acq: 10 Feb 2017 17:12

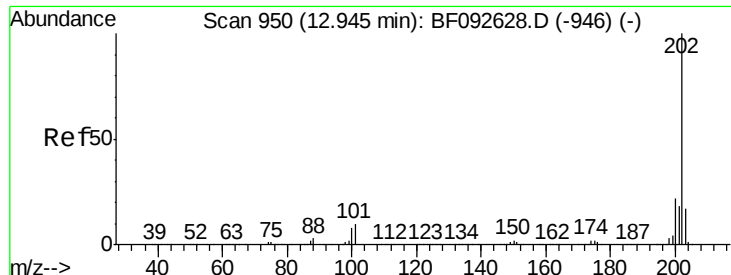
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	11.9	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





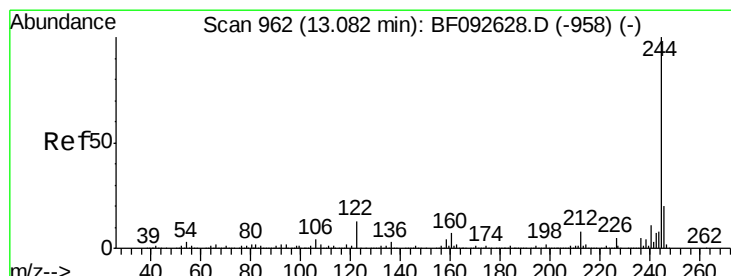
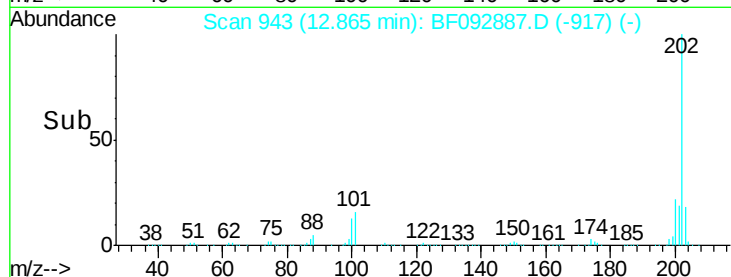
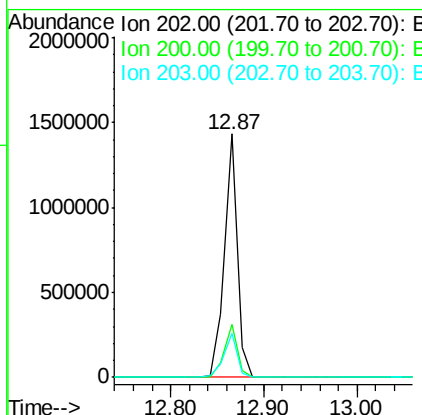
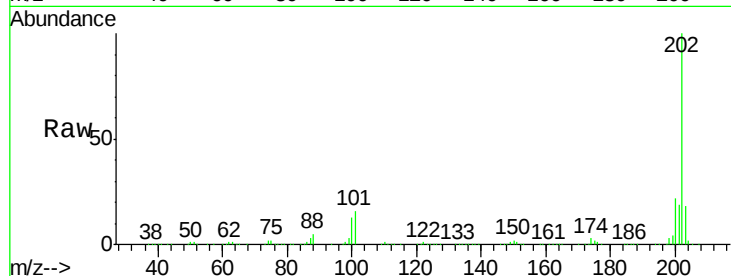
#77
 Pyrene
 Concen: 35.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.7	22.1

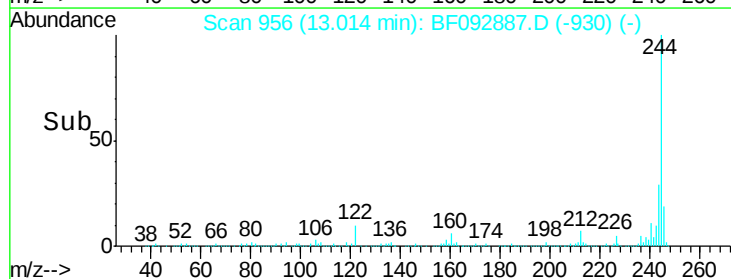
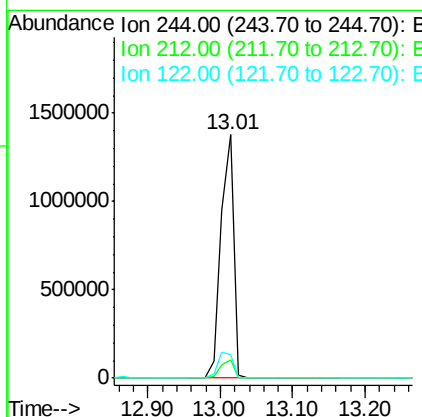
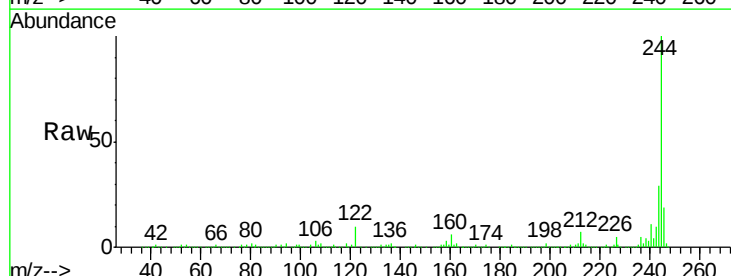
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#78
 Terphenyl-d14
 Concen: 76.52 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.6	11.4	17.2





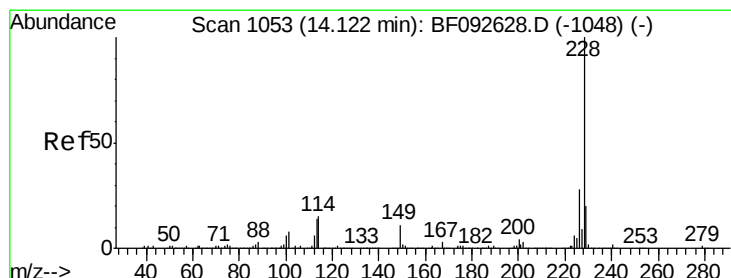
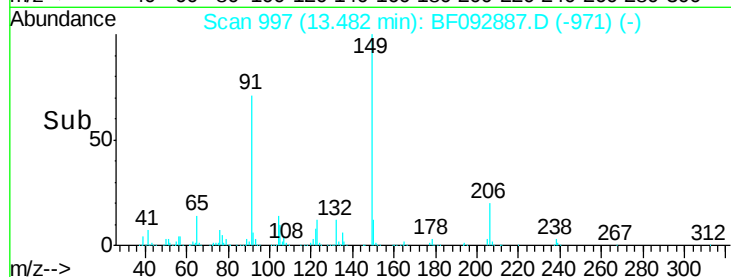
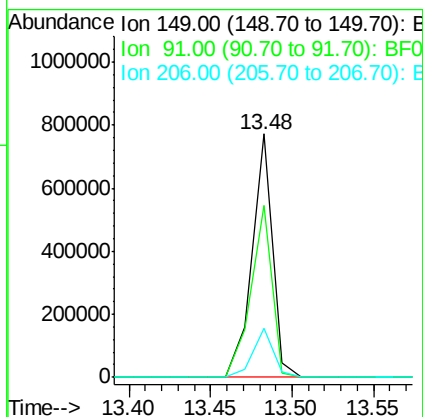
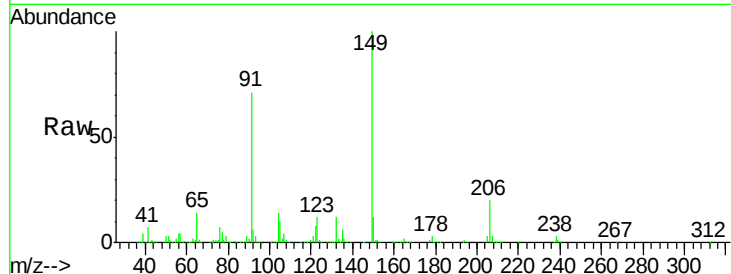
#79
Butylbenzylphthalate
Concen: 42.88 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	674646		
91	70.5	63.9	95.9	
206	20.0	14.6	21.8	

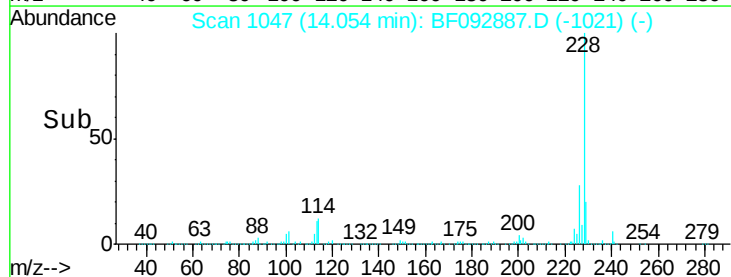
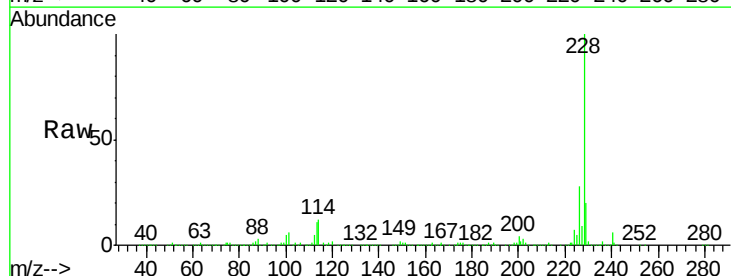
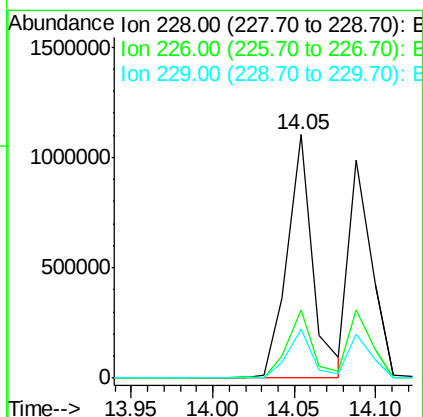
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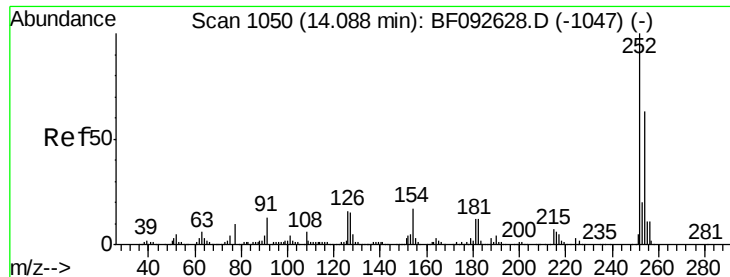
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#80
Benzo(a)anthracene
Concen: 38.24 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1210875		
226	28.0	22.4	33.6	
229	20.1	16.2	24.4	





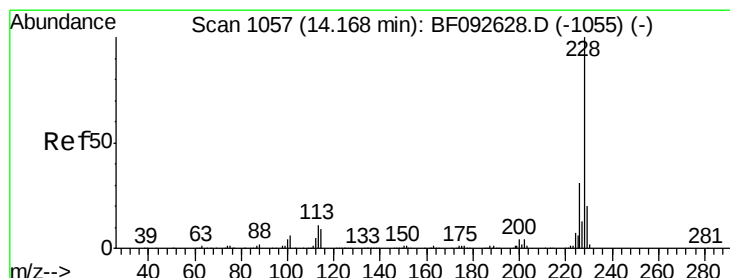
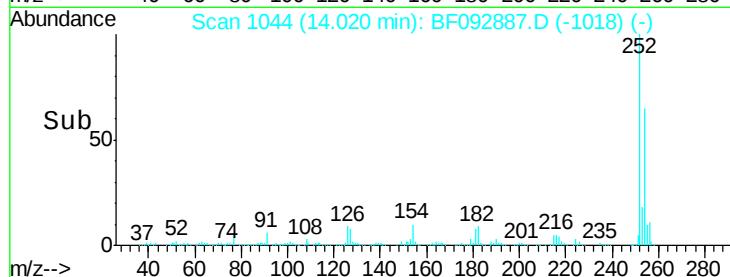
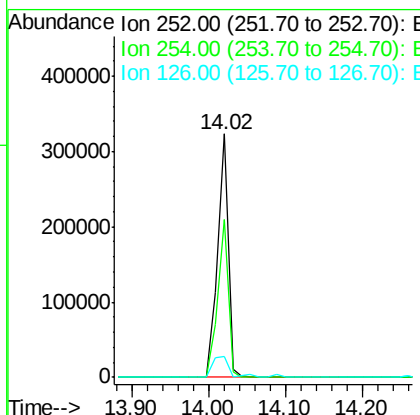
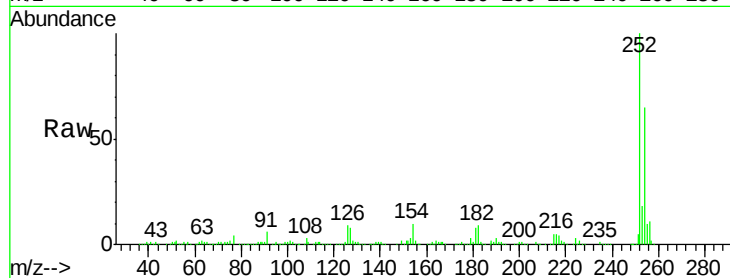
#81
 3,3'-Dichlorobenzidine
 Concen: 27.69 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	312576		
254	64.9	52.3	78.5	
126	8.5	13.6	20.4	

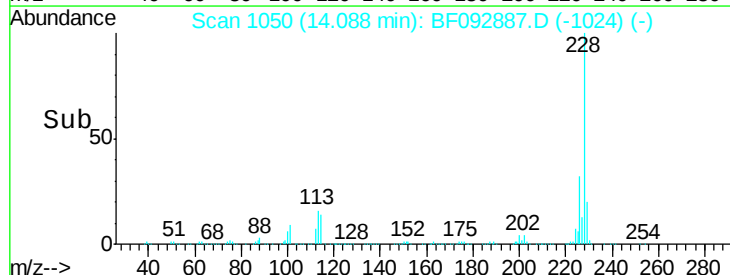
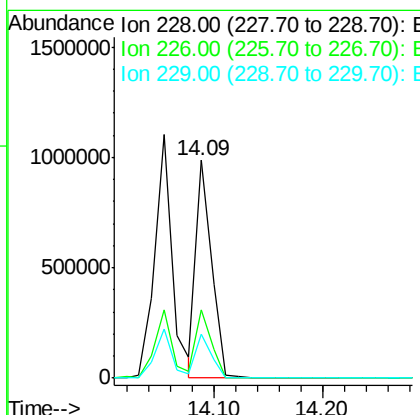
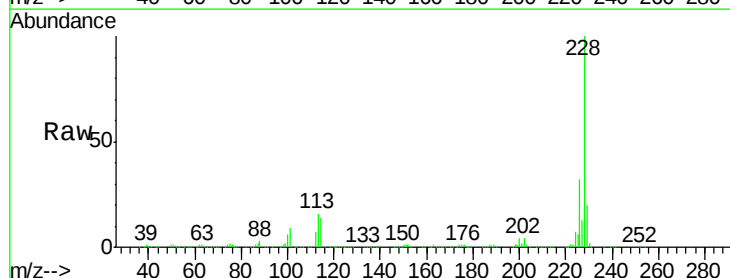
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#82
 Chrysene
 Concen: 33.35 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	988785		
226	31.6	25.4	38.0	
229	20.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.18 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Instrument :

BNA_F

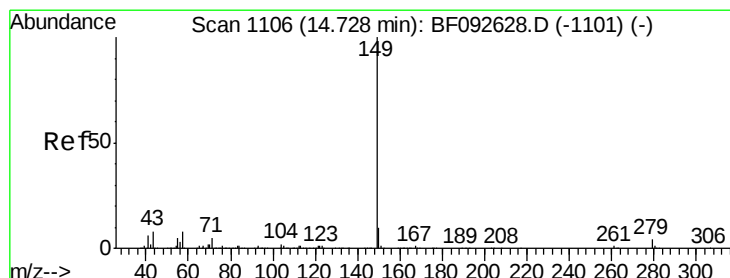
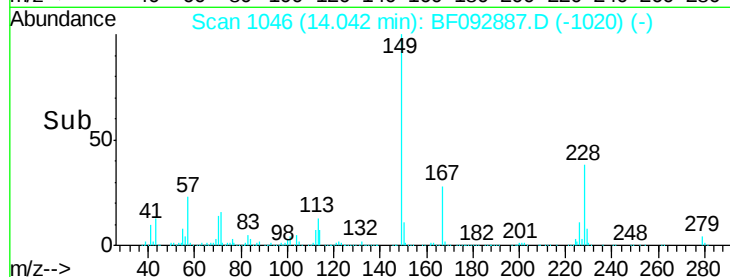
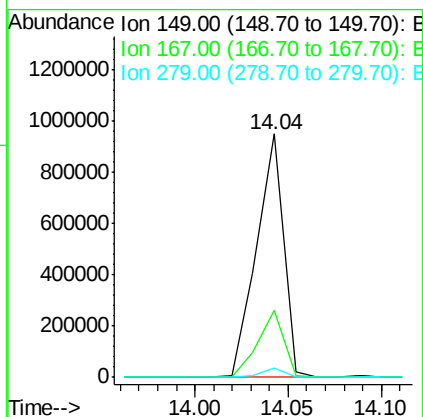
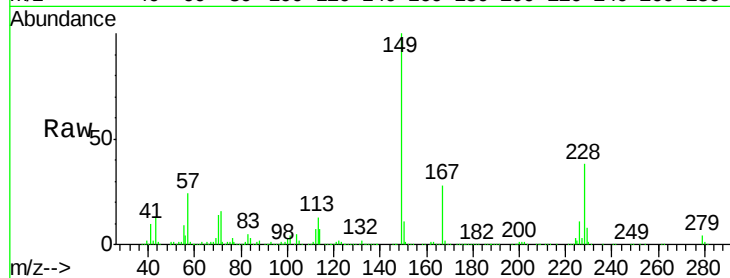
ClientSampleId :

PB96842BS

Tgt Ion:	149	Resp:	950774
Ion Ratio	Lower	Upper	
149	100		
167	27.6	20.2	30.4
279	3.6	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 43.66 ng

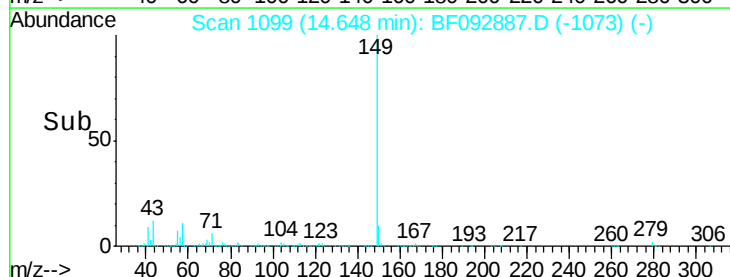
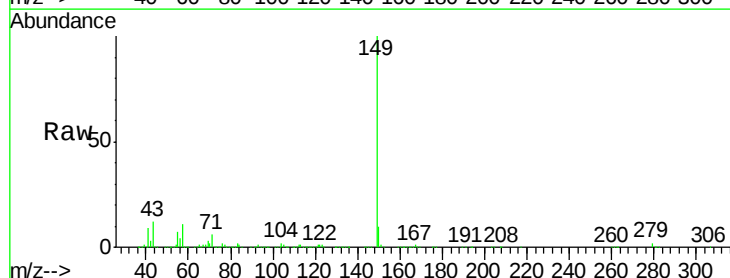
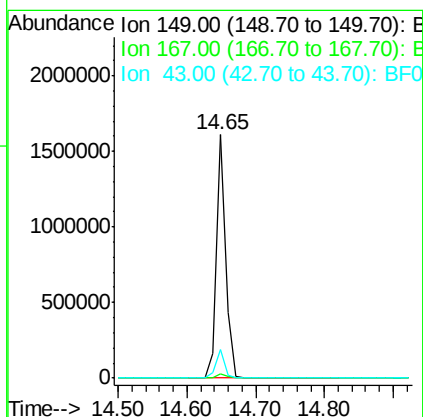
RT: 14.65 min Scan# 1099

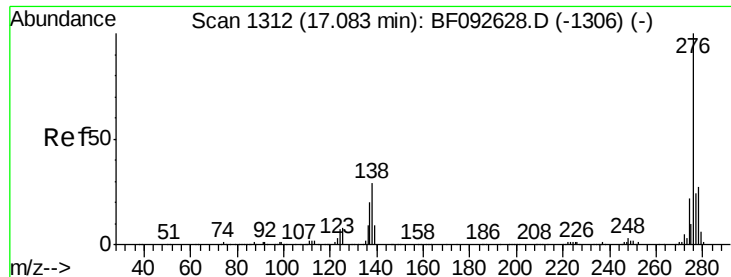
Delta R.T. 0.00 min

Lab File: BF092887.D

Acq: 10 Feb 2017 17:12

Tgt Ion:	149	Resp:	1529915
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.2	8.9	13.3





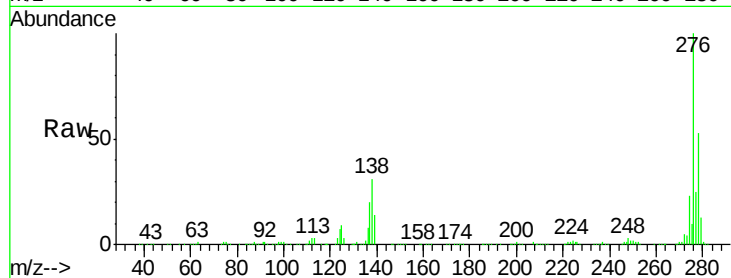
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.42 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

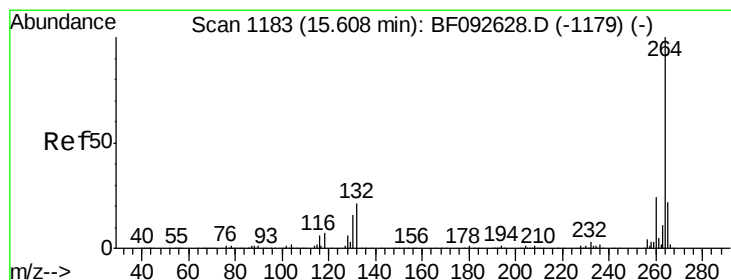
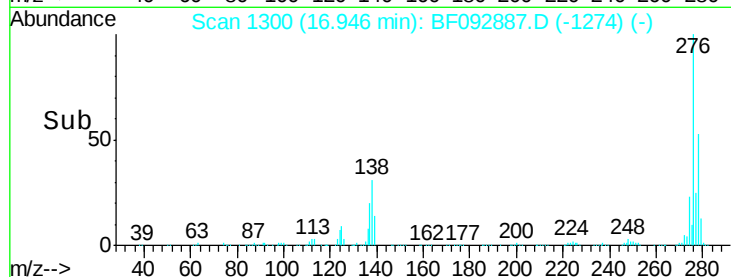
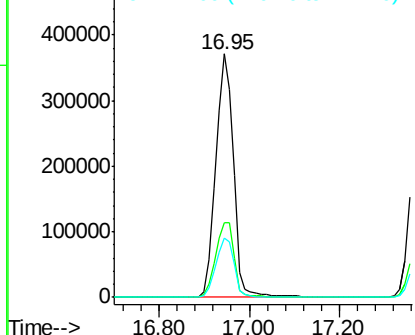
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.1	20.2	30.4

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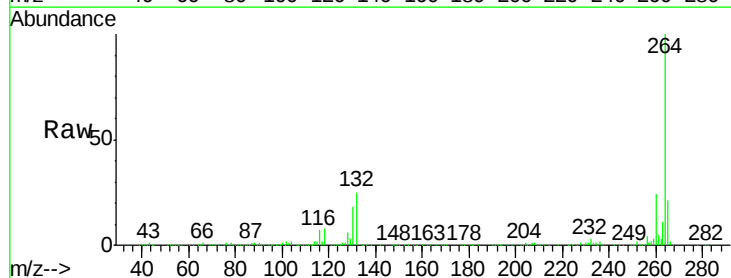


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

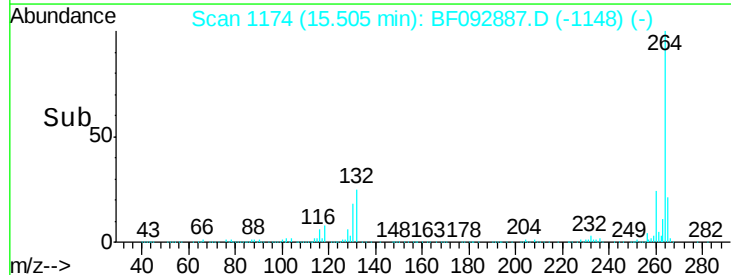
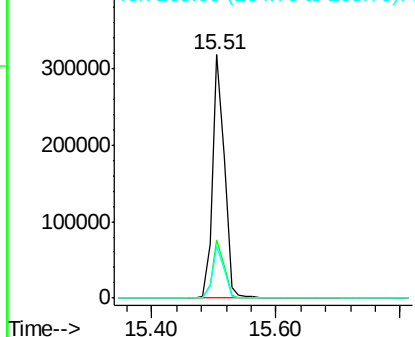


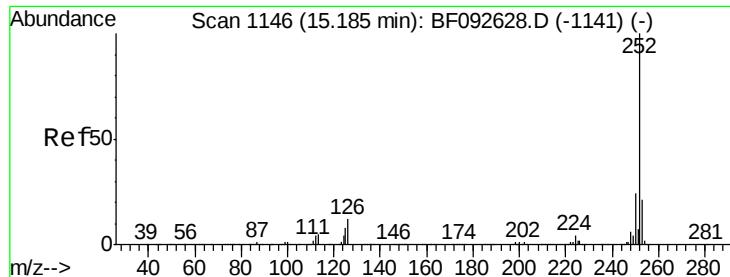
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





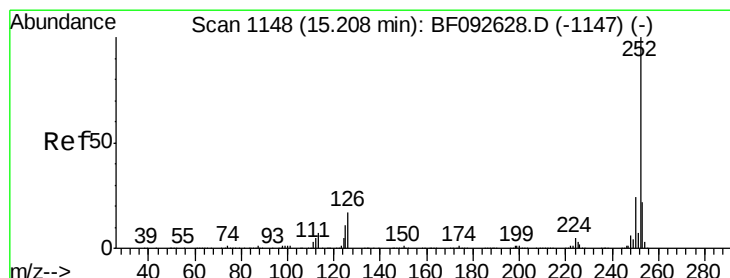
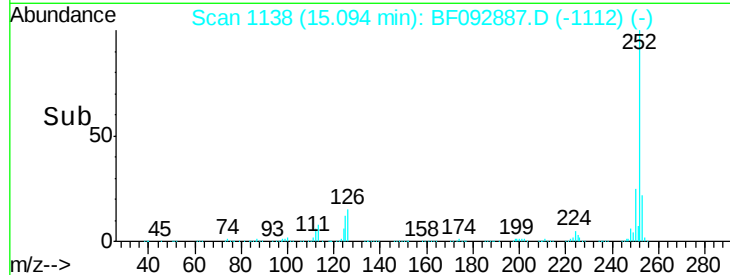
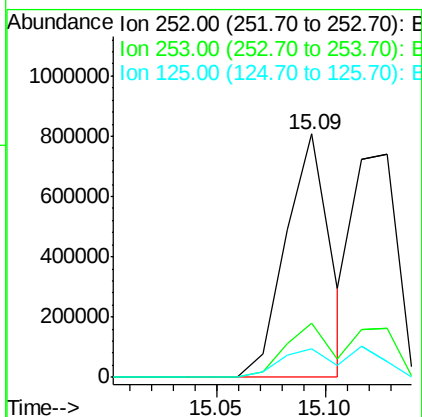
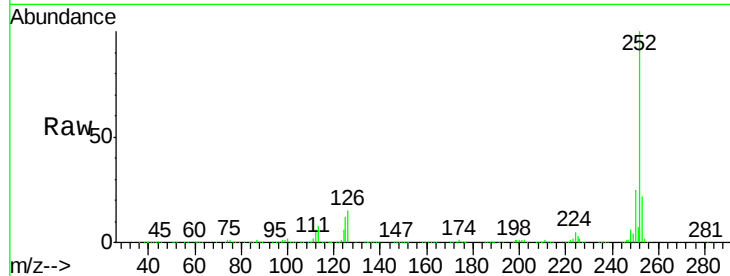
#87
Benzo(b)fluoranthene
Concen: 42.18 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion:252 Resp: 1145610
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.6 9.8 14.6

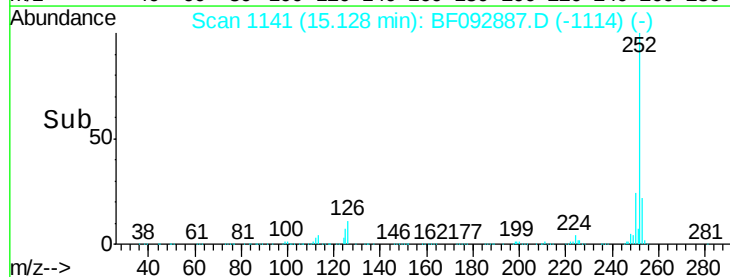
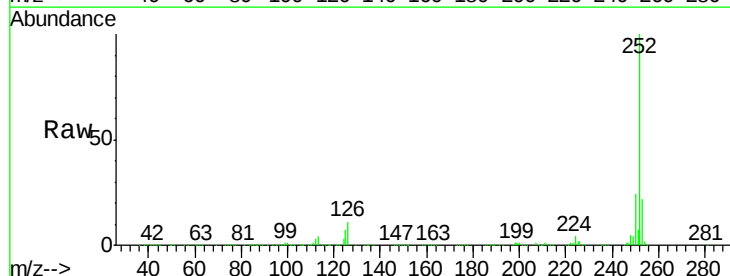
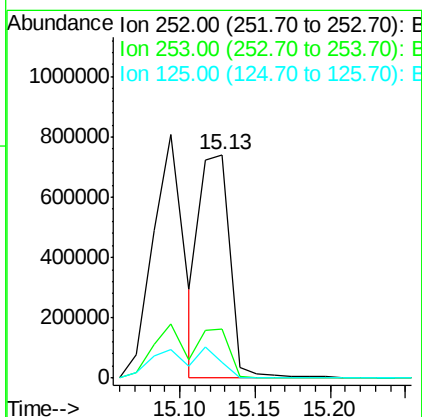
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#88
Benzo(k)fluoranthene
Concen: 44.90 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion:252 Resp: 1052925
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 6.9 8.9 13.3#





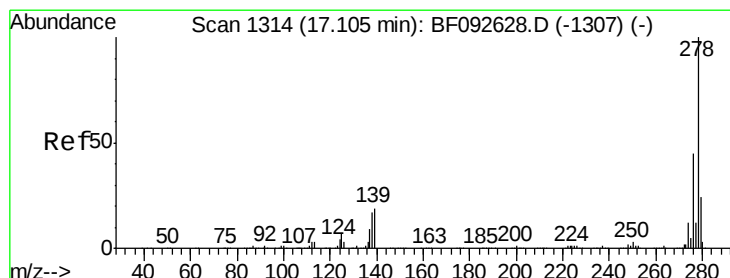
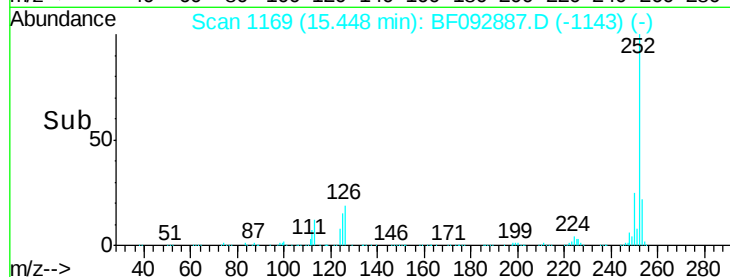
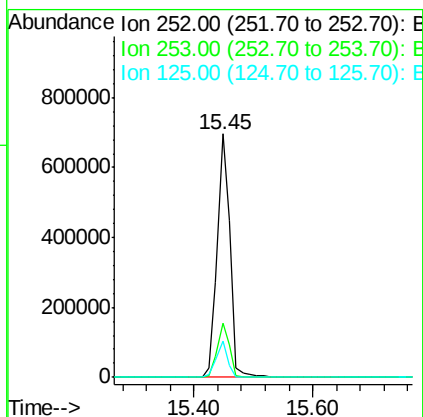
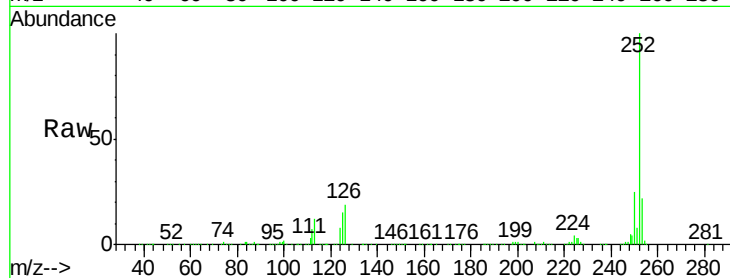
#89
Benzo(a)pyrene
Concen: 43.96 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	14.8	10.0	15.0

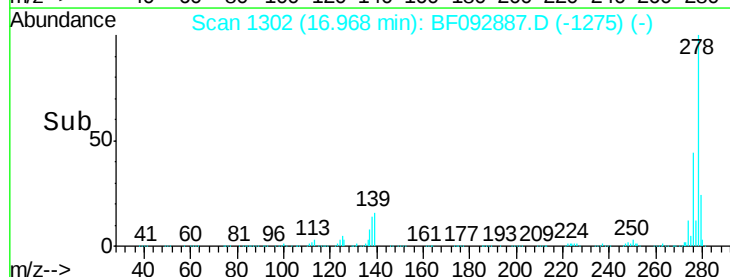
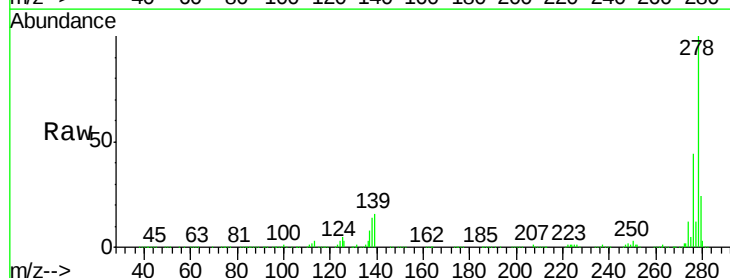
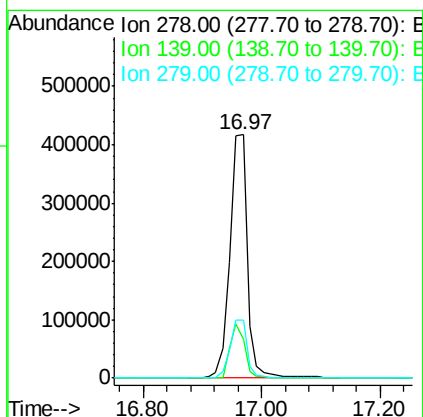
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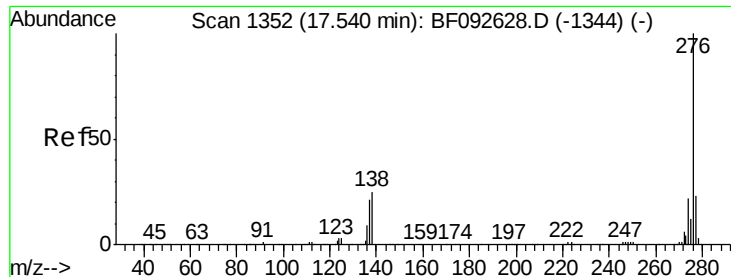
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#90
Dibenzo(a,h)anthracene
Concen: 44.95 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF092887.D
Acq: 10 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 44.50 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092887.D
 Acq: 10 Feb 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.1	19.2	28.8
138	29.1	16.0	24.0

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