

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092890.D
 Acq On : 10 Feb 2017 18:34
 Operator : SJ/MA
 Sample : PB96841BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:46 PM

Quant Time: Feb 10 23:46:46 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	164386	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	677094	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	381008	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	613457	20.00	ng	0.00
75) Chrysene-d12	14.07	240	515404	20.00	ng	0.00
86) Perylene-d12	15.51	264	416961	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	803802	83.89	ng	0.01
7) Phenol-d6	6.53	99	1000087	81.12	ng	0.00
23) Nitrobenzene-d5	7.47	82	960790	79.02	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	242415	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1755077	83.45	ng	0.00
78) Terphenyl-d14	13.01	244	1512285	68.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	182697	35.29	ng	87
3) Pyridine	3.32	79	524069	39.81	ng	89
4) n-Nitrosodimethylamine	3.28	42	250047	40.45	ng	85
6) Aniline	6.56	93	282451	16.80	ng	# 80
8) 2-Chlorophenol	6.68	128	456621	43.20	ng	99
9) Benzaldehyde	6.44	77	173604	19.66	ng	99
10) Phenol	6.54	94	541603	37.55	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	484326	42.07	ng	98
12) 1,3-Dichlorobenzene	6.83	146	487321m	39.36	ng	
13) 1,4-Dichlorobenzene	6.91	146	506562	40.42	ng	97
14) 1,2-Dichlorobenzene	7.07	146	488390	40.76	ng	95
15) Benzyl Alcohol	7.04	79	402792	44.13	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	816864	40.84	ng	95
17) 2-Methylphenol	7.16	107	402074	44.34	ng	95
18) Hexachloroethane	7.41	117	175339	40.99	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	323520	41.22	ng	95
20) 3+4-Methylphenols	7.31	107	458487	42.29	ng	# 76
22) Acetophenone	7.31	105	594015	38.42	ng	# 93
24) Nitrobenzene	7.48	77	471461	37.76	ng	97
25) Isophorone	7.72	82	933250	41.19	ng	96
26) 2-Nitrophenol	7.80	139	270691	45.61	ng	92
27) 2,4-Dimethylphenol	7.85	122	446841	42.87	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	629343	41.94	ng	99
29) 2,4-Dichlorophenol	8.04	162	398789	41.02	ng	91
30) 1,2,4-Trichlorobenzene	8.12	180	414491	39.57	ng	96
31) Naphthalene	8.20	128	1252401	36.49	ng	99
32) Benzoic acid	7.97	122	220279	38.90	ng	97
33) 4-Chloroaniline	8.26	127	123550	9.18	ng	97
34) Hexachlorobutadiene	8.32	225	219642	38.11	ng	99
35) Caprolactam	8.64	113	135424m	44.29	ng	
36) 4-Chloro-3-methylphenol	8.75	107	438158	43.23	ng	98
37) 2-Methylnaphthalene	8.90	142	920679	41.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	389183	36.39	ng	100
40) Hexachlorocyclopentadiene	9.05	237	337218	69.88	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	307504	43.76	ng	94
43) 2,4,5-Trichlorophenol	9.22	196	294844	38.29	ng	94
45) 1,1'-Biphenyl	9.37	154	1110532	40.25	ng	99
46) 2-Chloronaphthalene	9.39	162	906471	42.00	ng	97
47) 2-Nitroaniline	9.48	65	274030	37.76	ng	95
48) Acenaphthylene	9.80	152	1344383	36.06	ng	99
49) Dimethylphthalate	9.66	163	1039825	40.52	ng	98
50) 2,6-Dinitrotoluene	9.73	165	254596	45.94	ng	96
51) Acenaphthene	9.97	154	857659	38.48	ng	96
52) 3-Nitroaniline	9.89	138	87271	13.76	ng	96
53) 2,4-Dinitrophenol	10.01	184	196898	70.44	ng	# 67
54) Dibenzofuran	10.14	168	1159748	38.90	ng	98
55) 4-Nitrophenol	10.08	139	333797	73.07	ng	92
56) 2,4-Dinitrotoluene	10.13	165	290627	39.39	ng	95
57) Fluorene	10.49	166	882240	38.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	237209	46.18	ng	98
59) Diethylphthalate	10.37	149	1039747	42.99	ng	95
60) 4-Chlorophenyl-phenylether	10.49	204	441213	40.04	ng	# 77
61) 4-Nitroaniline	10.52	138	247359	38.08	ng	86
62) Azobenzene	10.65	77	1122685	44.93	ng	90
64) 4,6-Dinitro-2-methylphenol	10.54	198	147436	39.96	ng	# 62
65) n-Nitrosodiphenylamine	10.60	169	768633	39.22	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	249324	38.90	ng	# 87
67) Hexachlorobenzene	11.04	284	245108	38.70	ng	# 82
68) Atrazine	11.14	200	279956	44.52	ng	92
69) Pentachlorophenol	11.24	266	294167	89.07	ng	98
70) Phenanthrene	11.45	178	1372933	39.06	ng	98
71) Anthracene	11.50	178	1384129	39.22	ng	99
72) Carbazole	11.66	167	1346845	39.92	ng	97
73) Di-n-butylphthalate	11.98	149	1464085	40.13	ng	98
74) Fluoranthene	12.64	202	1281547	35.35	ng	99
76) Benzidine	12.76	184	353566	16.10	ng	96
77) Pyrene	12.86	202	1284280	33.30	ng	99
79) Butylbenzylphthalate	13.48	149	626852	40.02	ng	92
80) Benzo(a)anthracene	14.05	228	1127321	35.76	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	252069	22.43	ng	# 95
82) Chrysene	14.09	228	964001	32.66	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	884655	41.30	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1468204	42.09	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	912193	39.90	ng	95
87) Benzo(b)fluoranthene	15.09	252	1056834	38.51	ng	97
88) Benzo(k)fluoranthene	15.12	252	971474m	41.00	ng	
89) Benzo(a)pyrene	15.45	252	947146	39.90	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	767312	39.99	ng	96
91) Benzo(g,h,i)perylene	17.38	276	766923	39.57	ng	# 92

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

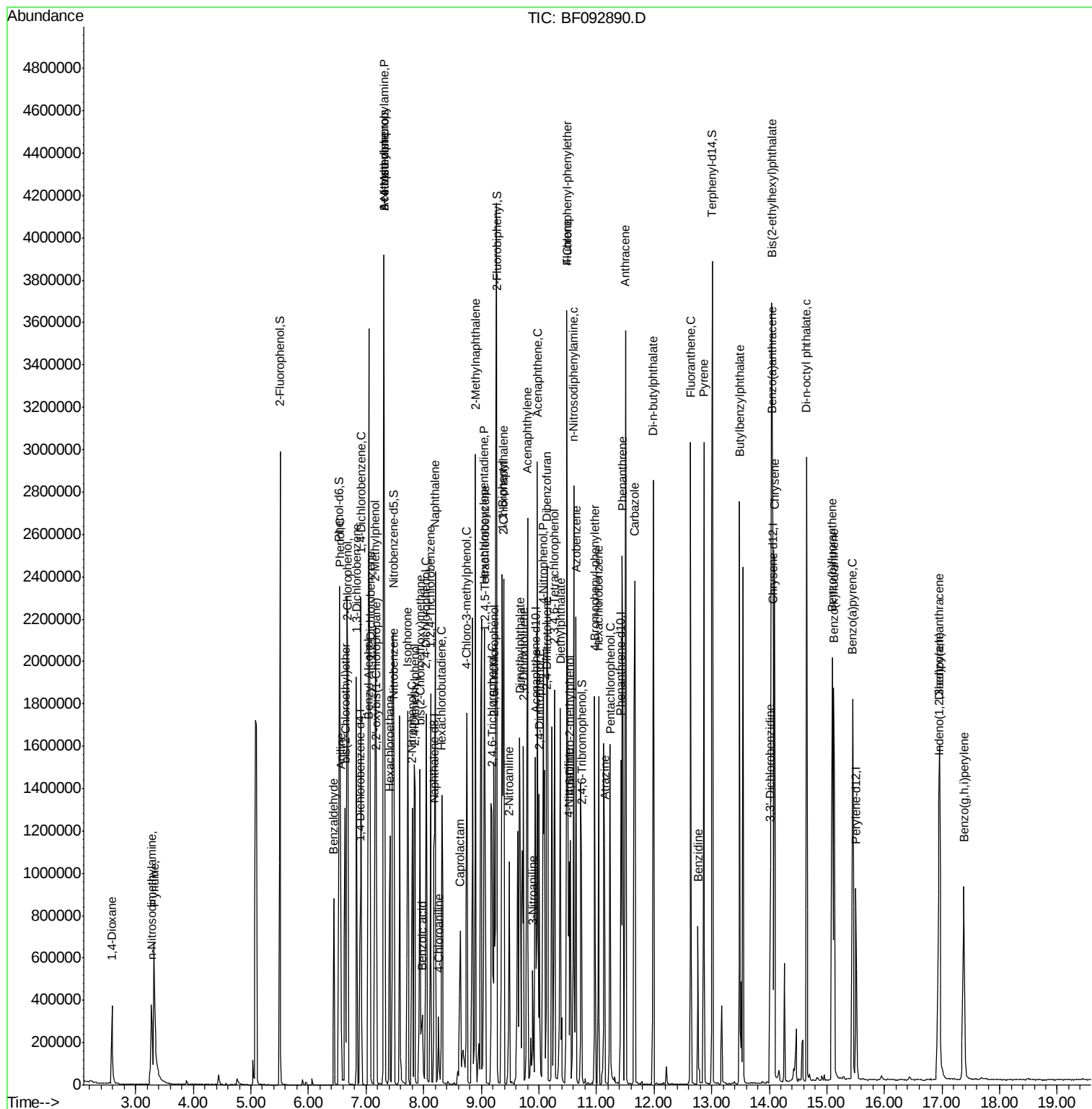
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Operator  : SJ/MA  
Sample    : PB96841BSD  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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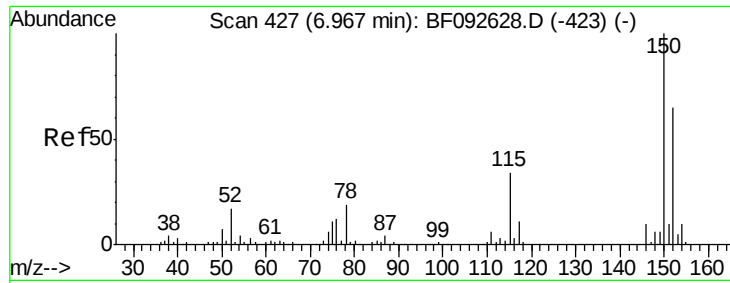
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

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#1

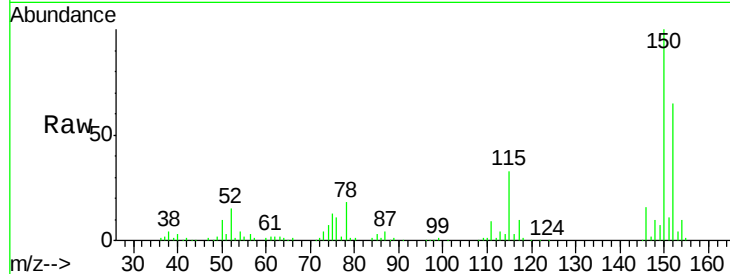
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

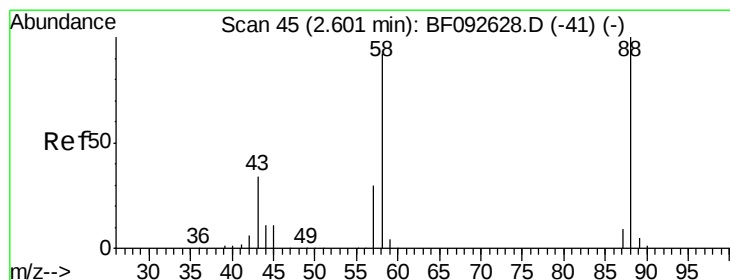
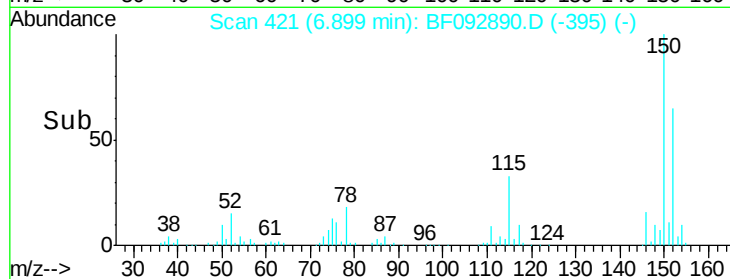
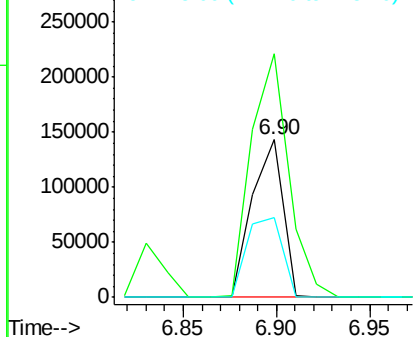
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	50.7	46.0	69.0

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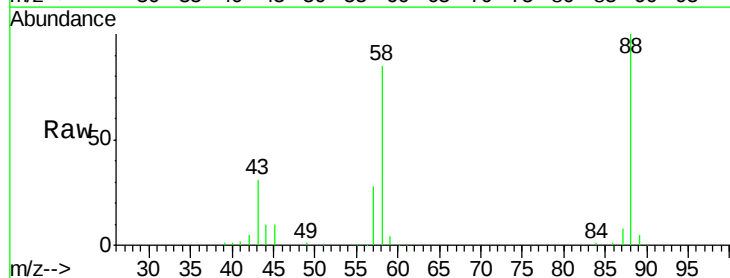
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



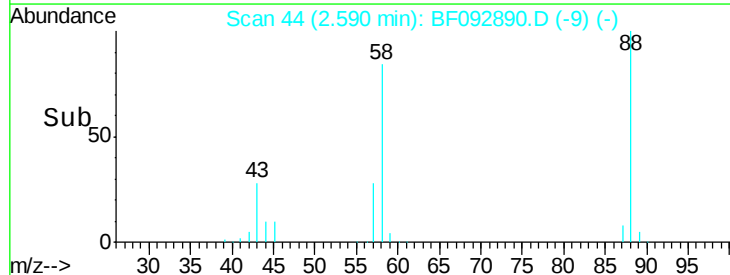
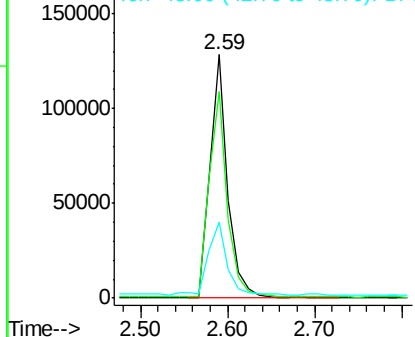
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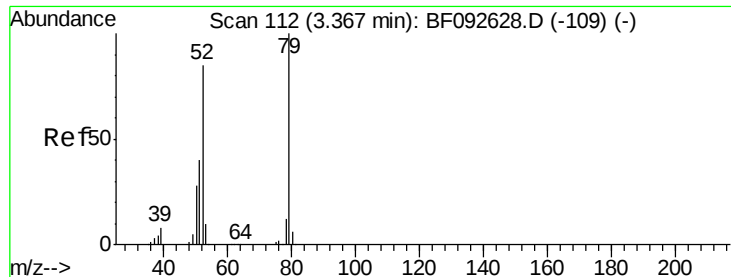
1,4-Dioxane
Concen: 35.29 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.10 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	57.8	86.8
43	31.0	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: 39.81 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.10 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

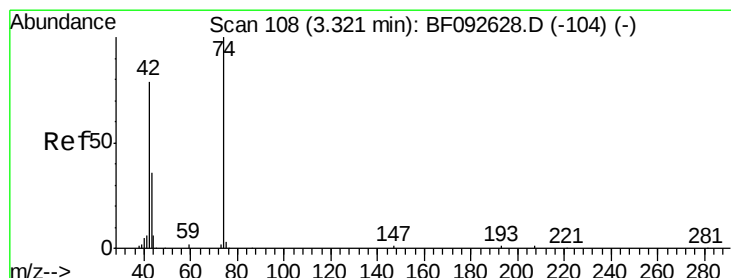
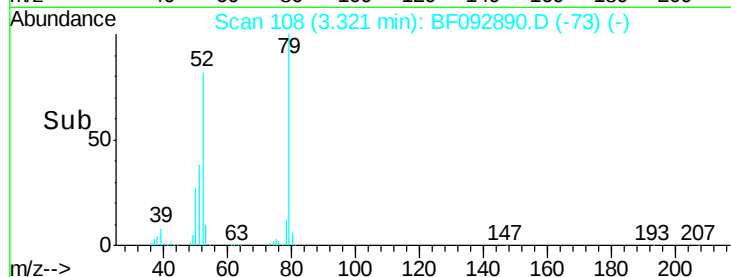
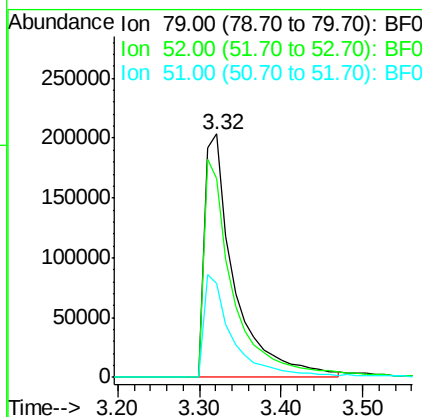
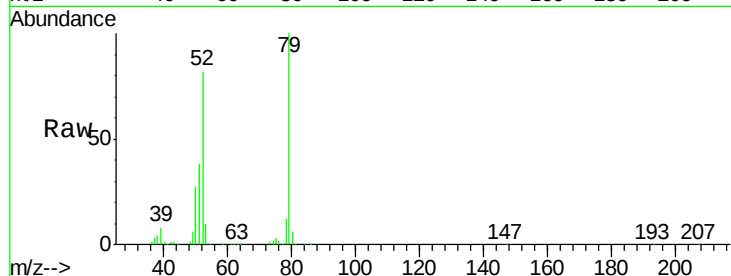
ClientSampleId :

PB96841BSD

Tgt Ion:	79	Resp:	524069
Ion	Ratio	Lower	Upper
79	100		
52	81.7	57.1	85.7
51	38.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.45 ng

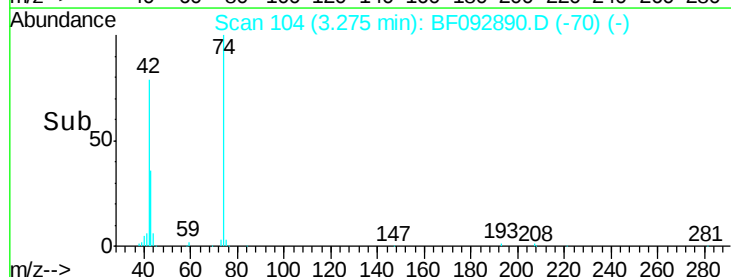
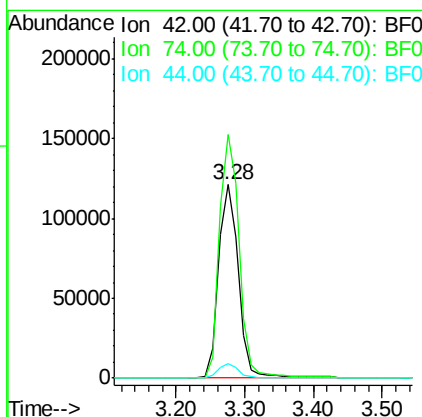
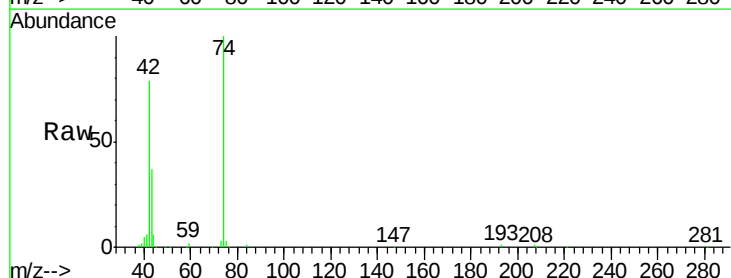
RT: 3.28 min Scan# 104

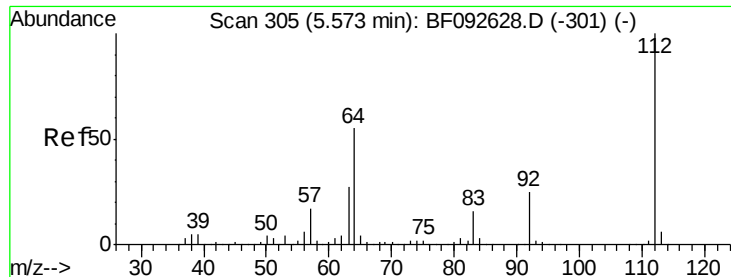
Delta R.T. 0.09 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:	42	Resp:	250047
Ion	Ratio	Lower	Upper
42	100		
74	126.0	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 83.89 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

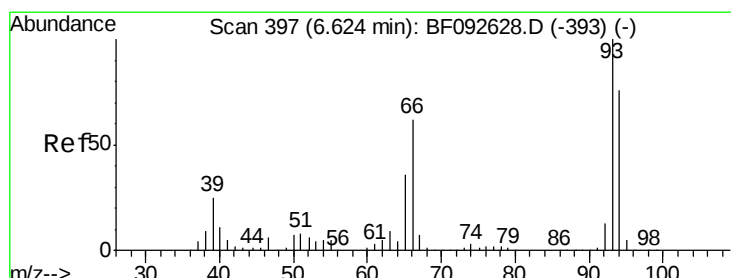
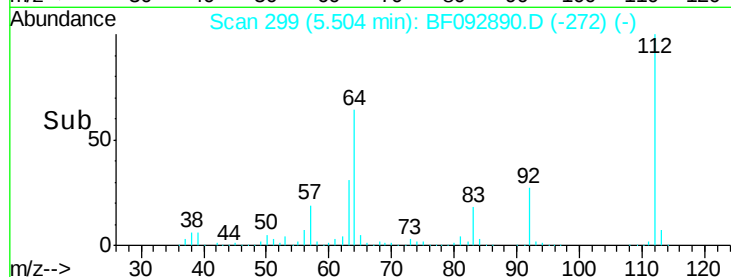
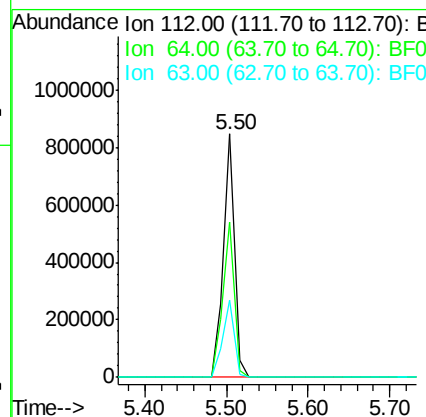
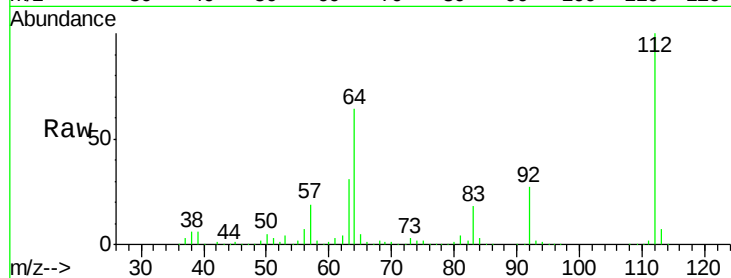
ClientSampleId :

PB96841BSD

Tgt Ion:	112	Resp:	803802
Ion Ratio	Lower	Upper	
112	100		
64	63.7	46.1	69.1
63	31.5	23.8	35.6

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2/13/2017 12:40:46 PM



#6

Aniline

Concen: 16.80 ng

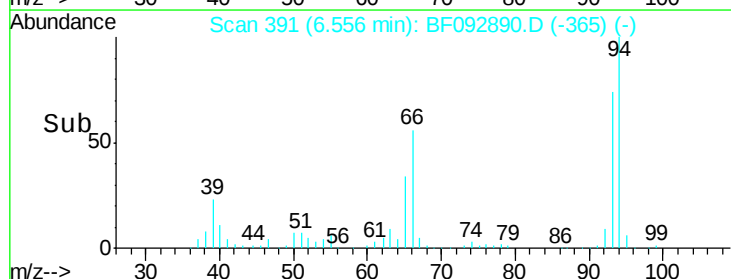
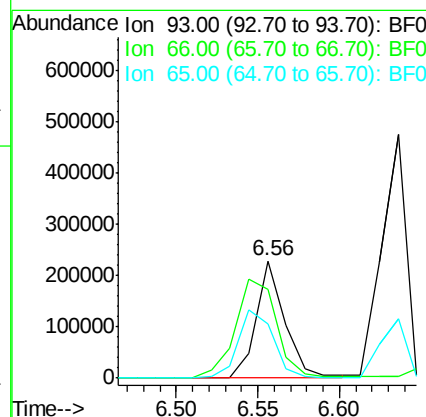
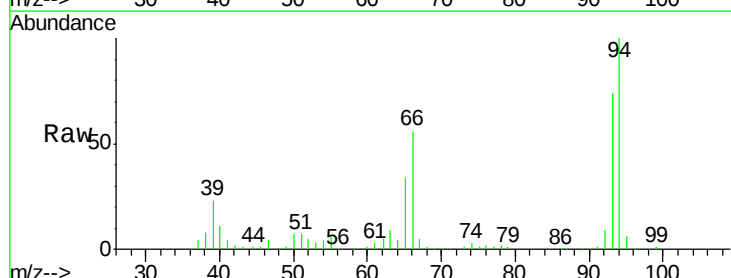
RT: 6.56 min Scan# 391

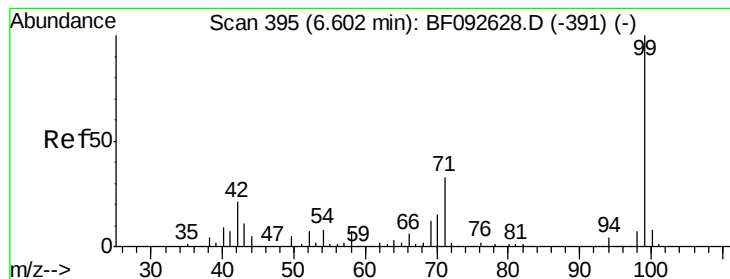
Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:	93	Resp:	282451
Ion Ratio	Lower	Upper	
93	100		
66	75.7	76.2	114.2#
65	46.0	49.3	73.9#





#7

Phenol-d6

Concen: 81.12 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092890.D

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ClientSampleId :

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Tgt Ion: 99 Resp: 1000087

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

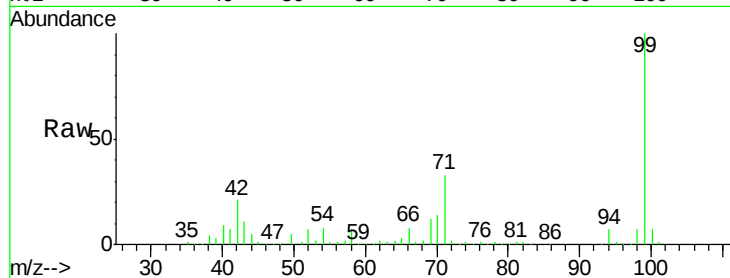
71 32.6 27.5 41.3

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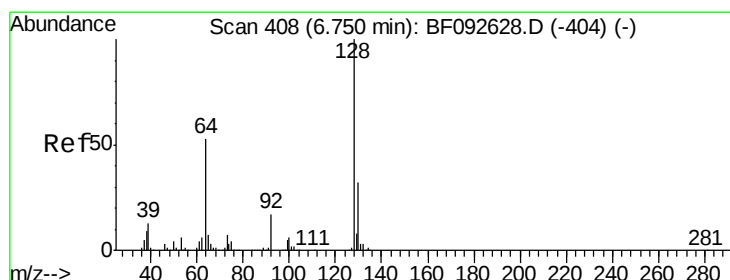
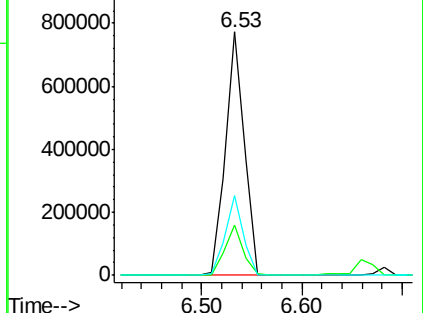
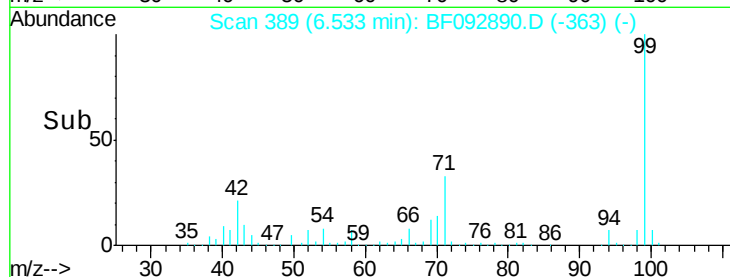
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.20 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

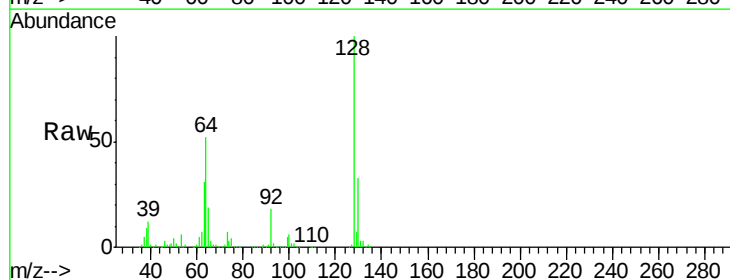
Tgt Ion: 128 Resp: 456621

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

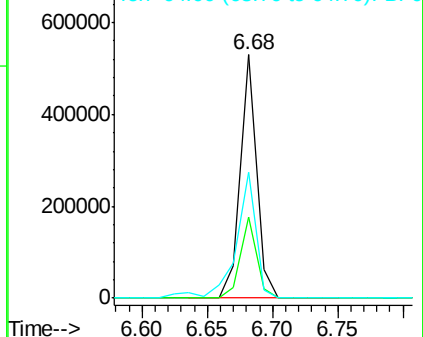
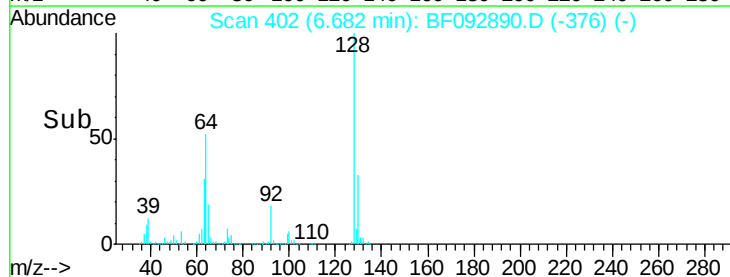
64 51.7 32.2 72.2



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





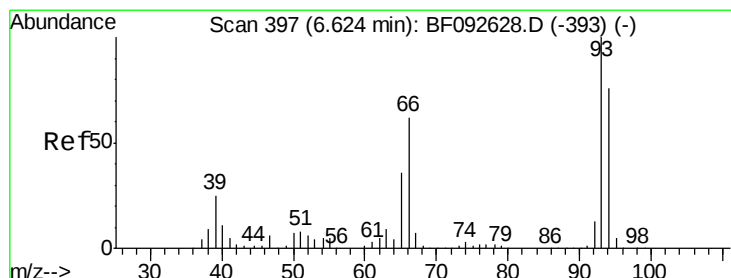
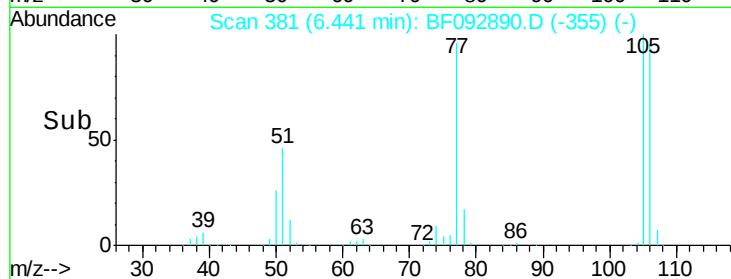
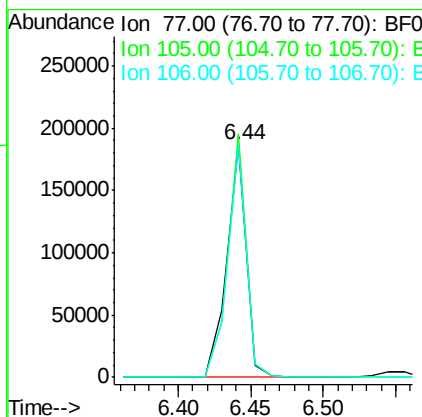
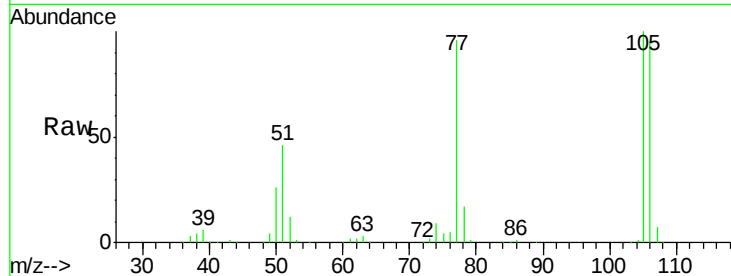
#9
Benzaldehyde
Concen: 19.66 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF092890.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 173604
Ion Ratio Lower Upper
77 100
105 104.7 83.9 123.9
106 99.7 77.6 117.6

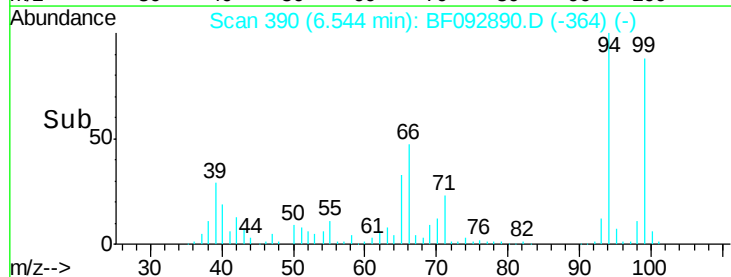
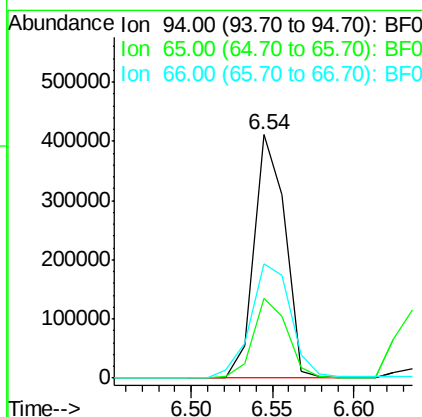
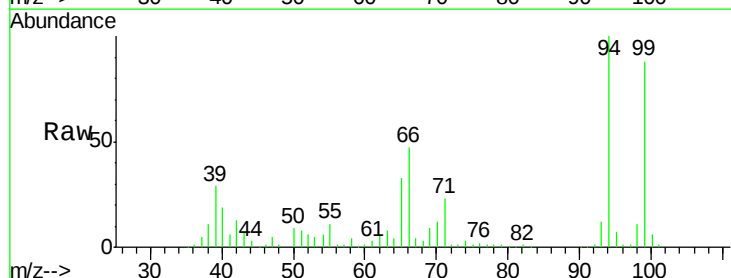
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#10
Phenol
Concen: 37.55 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion: 94 Resp: 541603
Ion Ratio Lower Upper
94 100
65 32.6 21.4 61.4
66 46.7 44.0 84.0





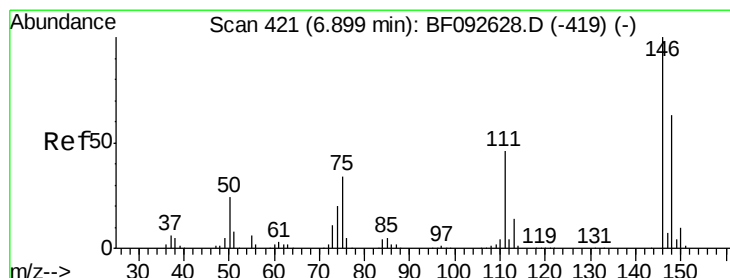
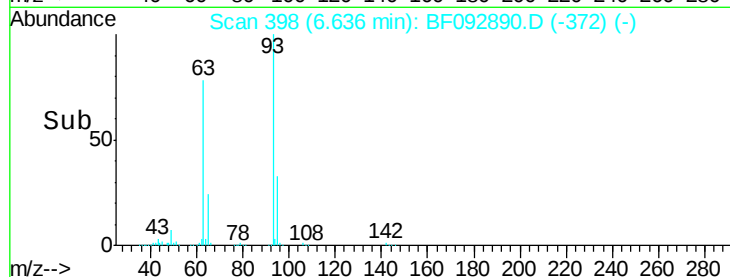
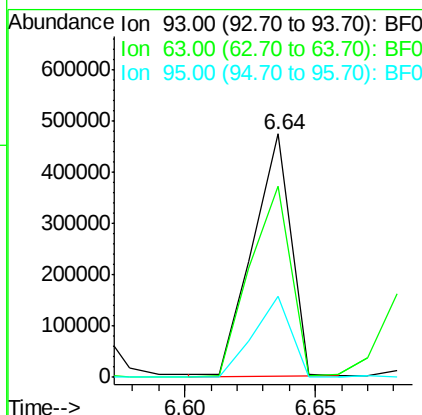
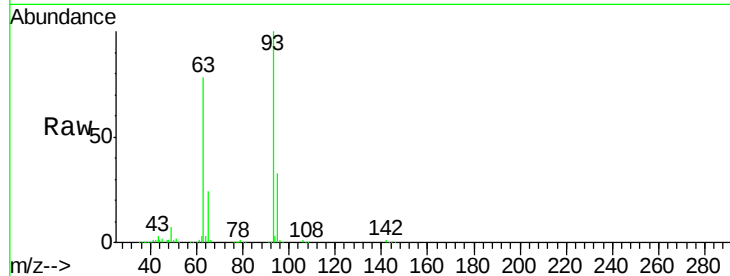
#11
bis(2-Chloroethyl)ether
Concen: 42.07 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.4	60.4	100.4
95	33.2	12.8	52.8

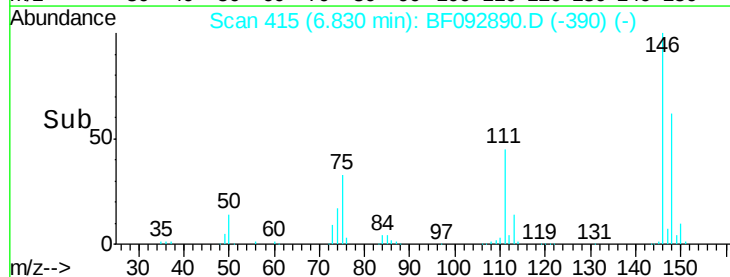
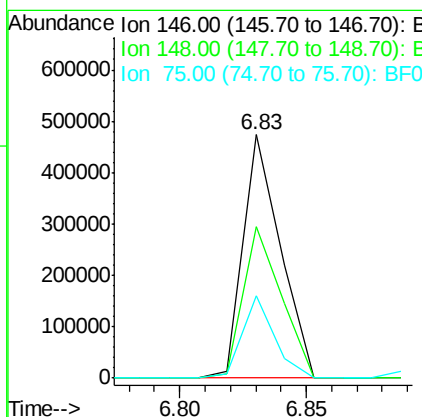
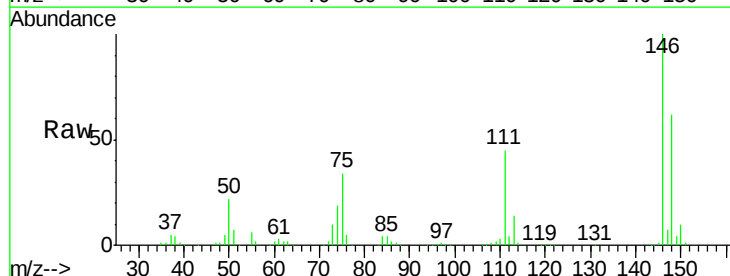
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#12
1,3-Dichlorobenzene
Concen: 39.36 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.4	80.0
75	34.0	18.5	27.7





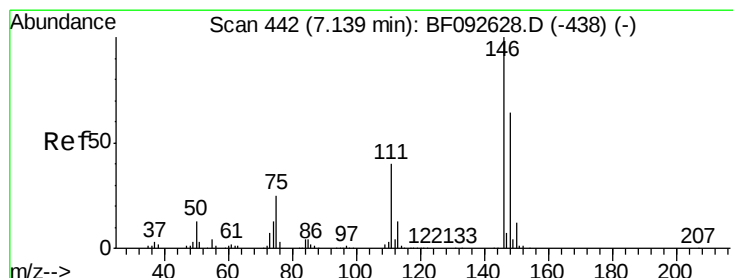
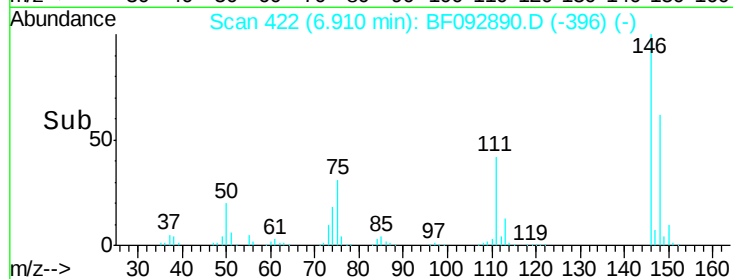
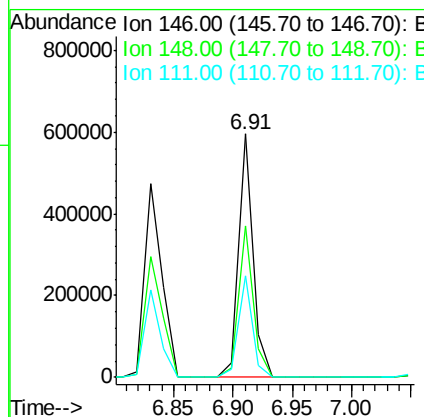
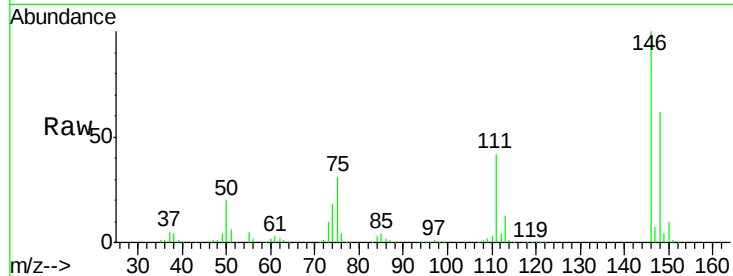
#13
1,4-Dichlorobenzene
Concen: 40.42 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.1	50.6	76.0
111	41.5	36.2	54.4

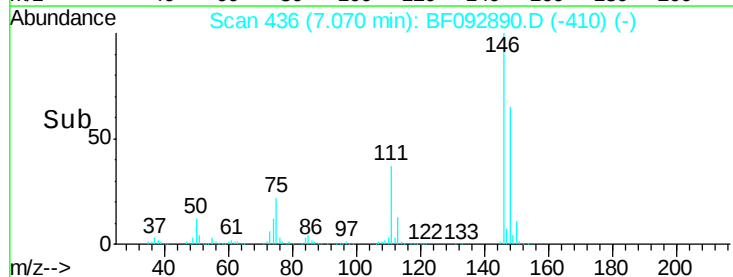
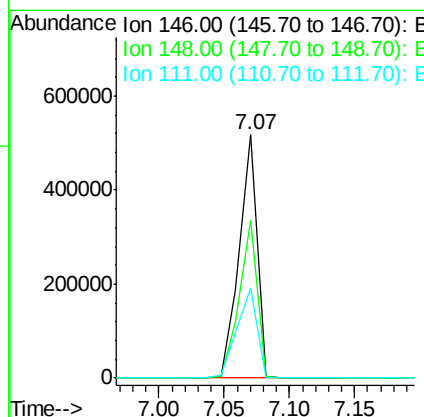
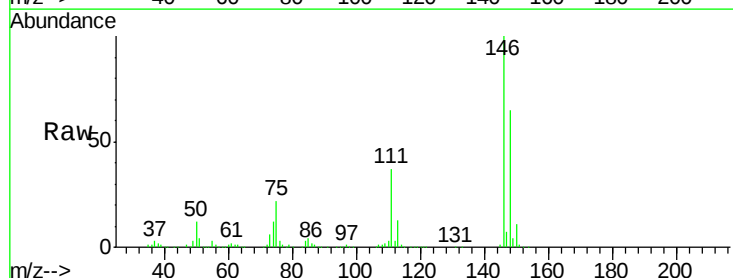
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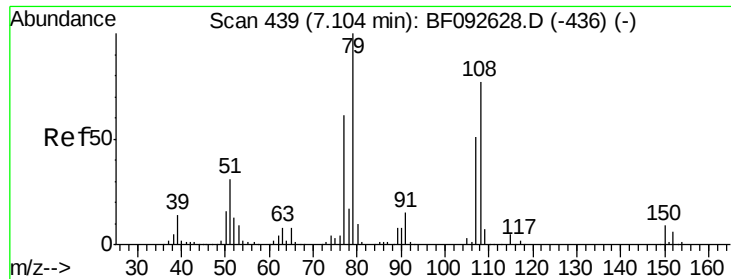
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#14
1,2-Dichlorobenzene
Concen: 40.76 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	52.2	78.2
111	36.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.13 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

Tgt Ion: 79 Resp: 402792

Ion Ratio Lower Upper

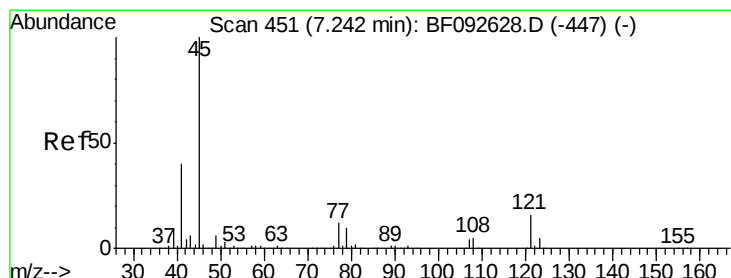
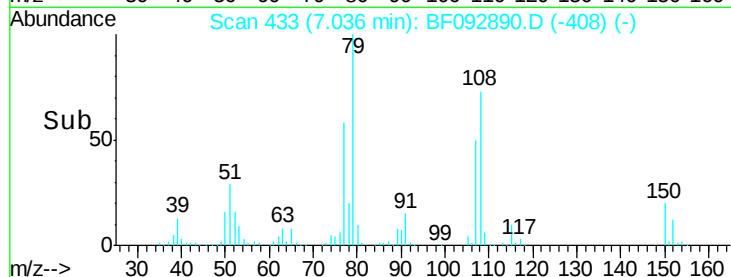
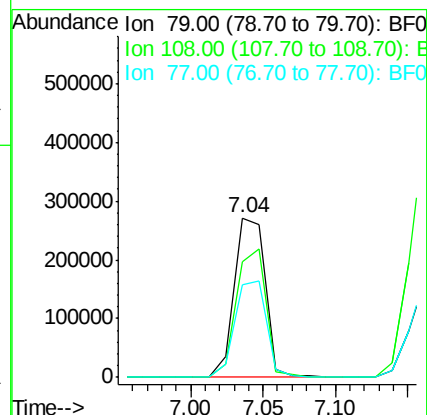
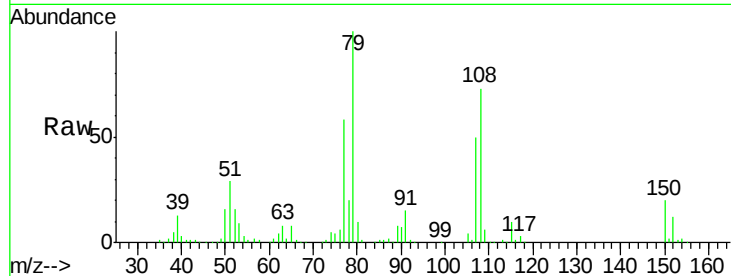
79 100

108 72.6 61.4 92.0

77 58.4 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.84 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

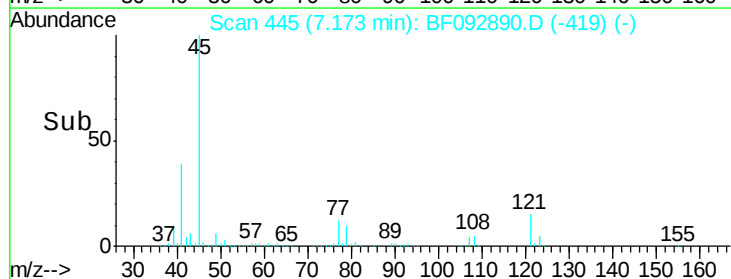
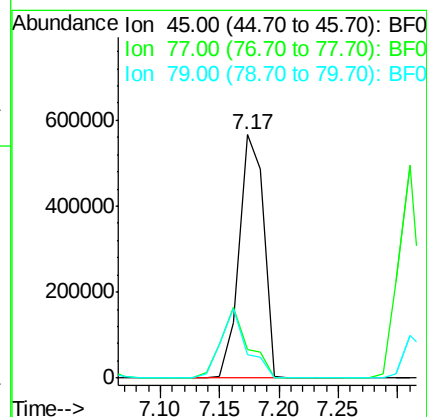
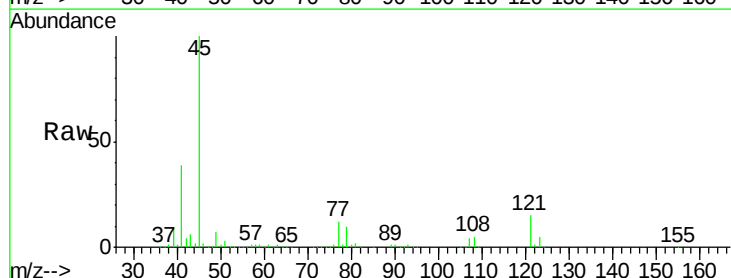
Tgt Ion: 45 Resp: 816864

Ion Ratio Lower Upper

45 100

77 12.0 0.0 34.6

79 9.8 0.0 31.2





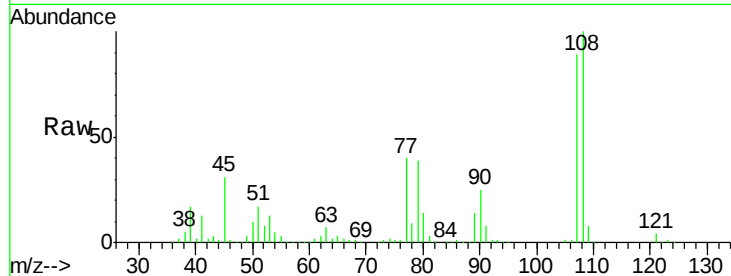
#17
2-Methylphenol
Concen: 44.34 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

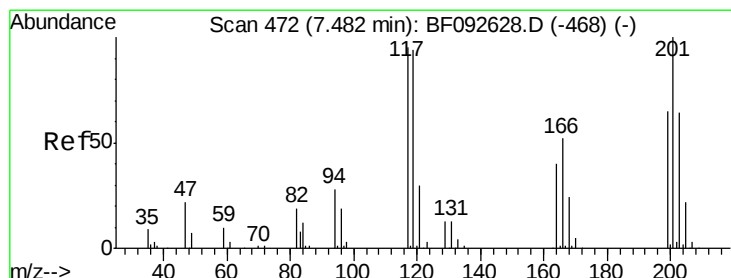
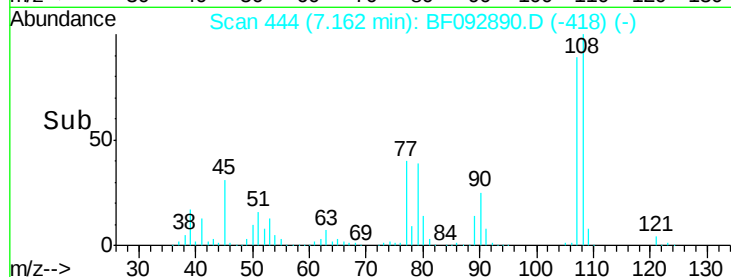
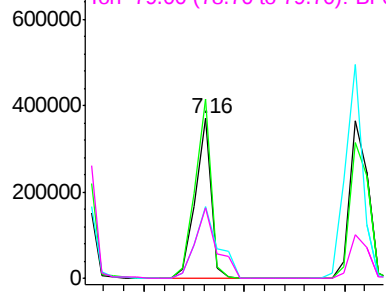
Tgt Ion:	107	Resp:	402074
Ion Ratio	Lower	Upper	
107	100		
108	112.0	93.0	139.6
77	44.8	39.8	59.8
79	44.0	38.0	57.0

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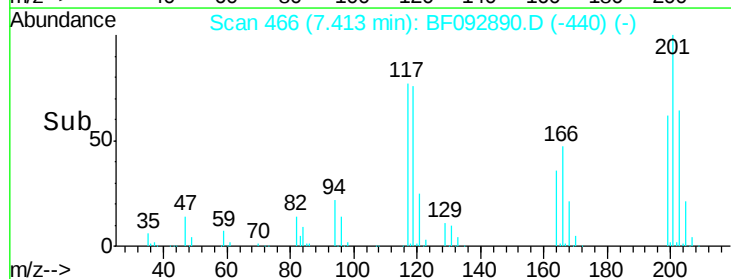
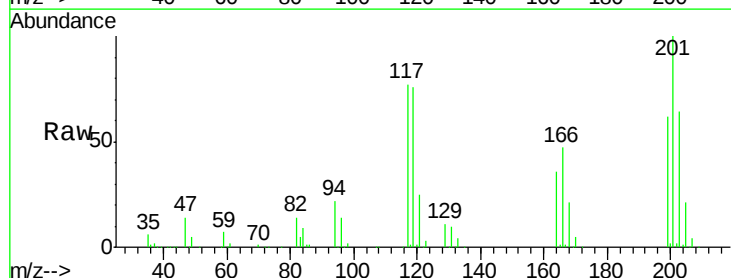
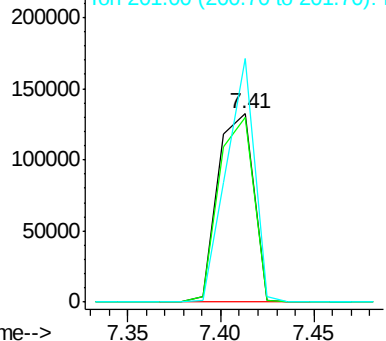
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

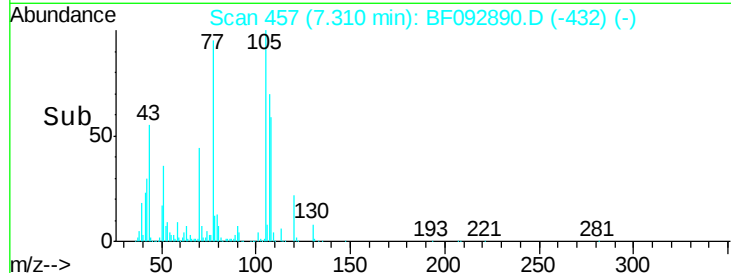
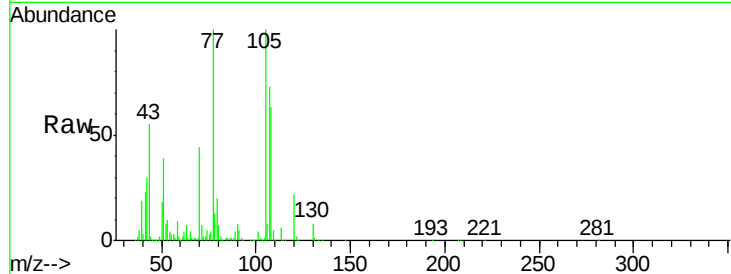
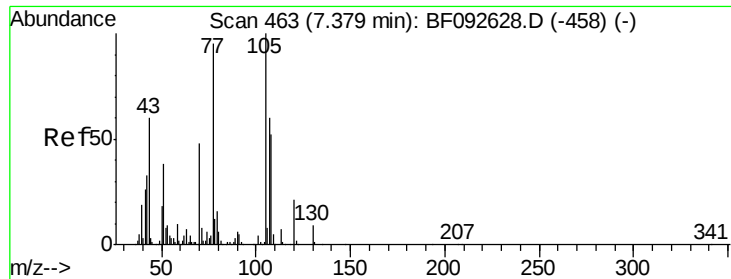


#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:	117	Resp:	175339
Ion Ratio	Lower	Upper	
117	100		
119	98.2	78.1	117.1
201	129.2	78.6	117.8#

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





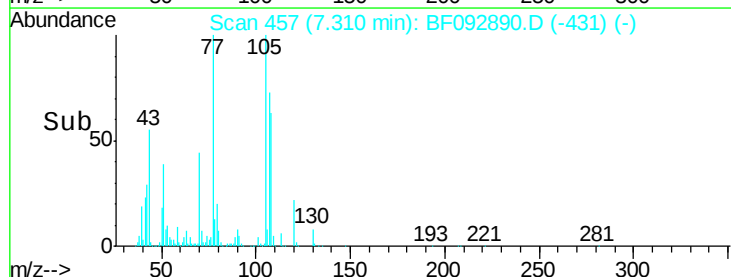
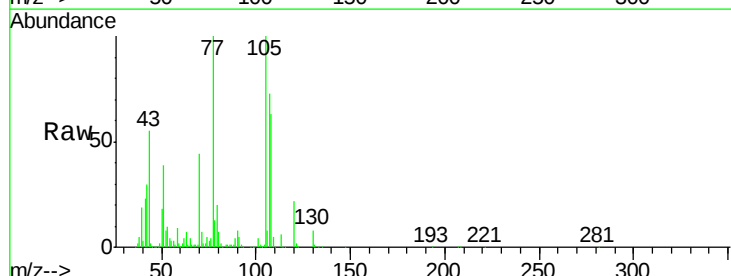
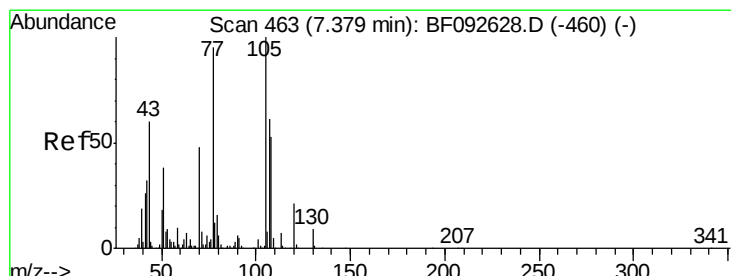
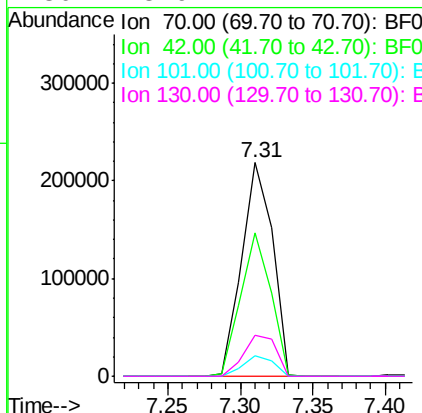
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	323520		
42	67.1	49.4	74.0	
101	9.4	7.4	11.2	
130	18.9	14.2	21.4	

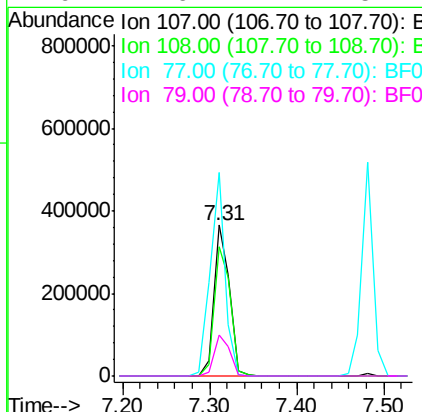
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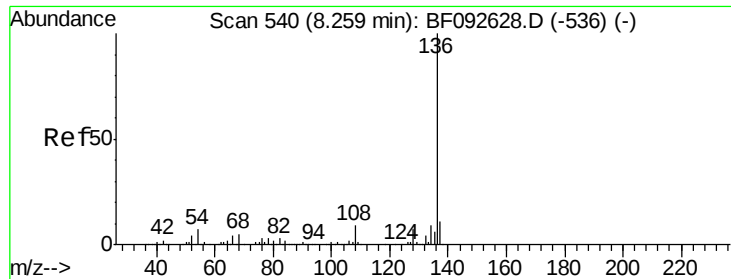
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#20
3+4-Methylphenols
Concen: 42.29 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	458487		
108	86.1	73.0	113.0	
77	135.6	71.3	111.3#	
79	27.6	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: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

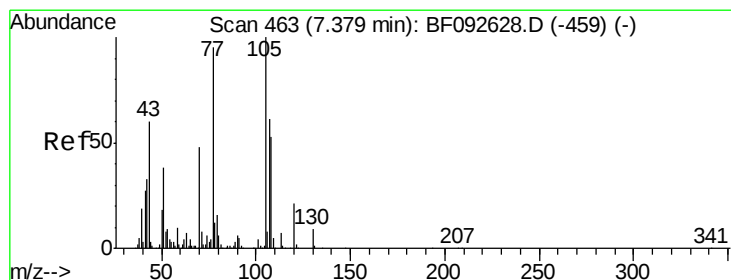
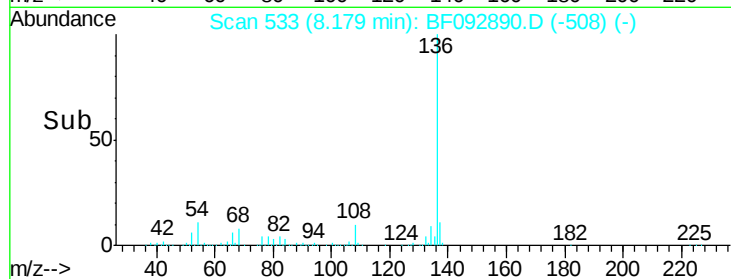
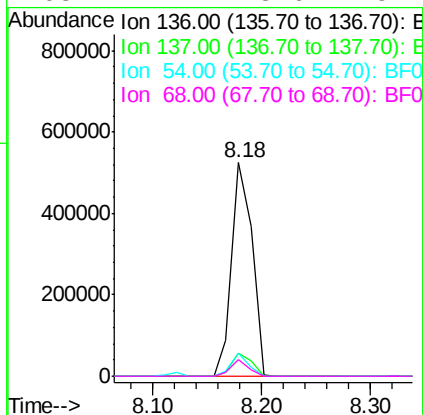
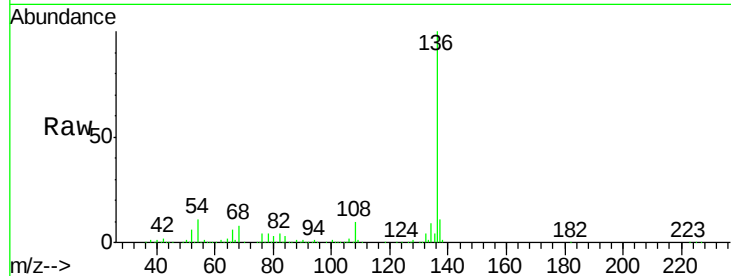
ClientSampleId :

PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	677094		
137	10.9	8.4	12.6	
54	11.0	4.5	6.7#	
68	7.7	3.6	5.4#	

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#22

Acetophenone

Concen: 38.42 ng

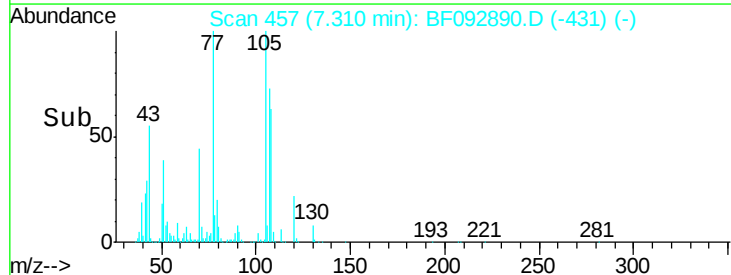
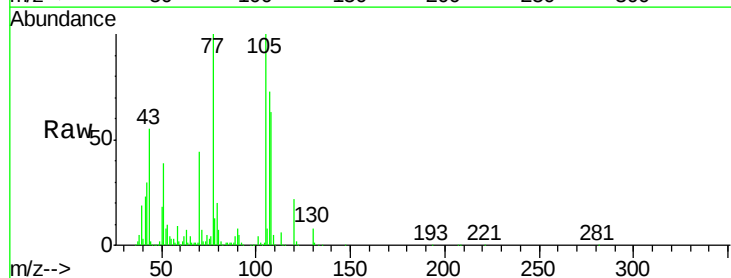
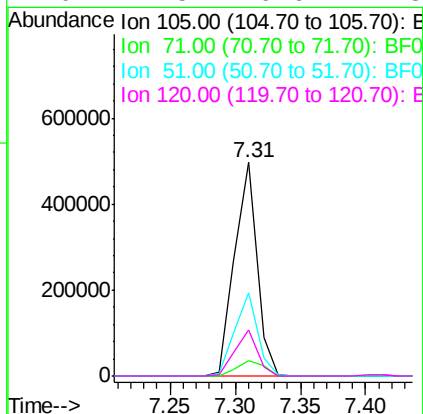
RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594015		
71	7.5	3.2	4.8#	
51	38.7	26.2	39.4	
120	21.5	16.6	24.8	





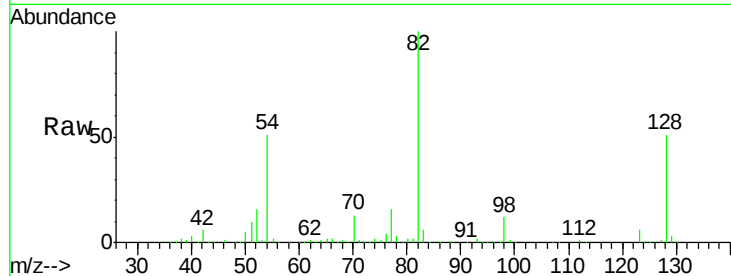
#23
 Nitrobenzene-d5
 Concen: 79.02 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

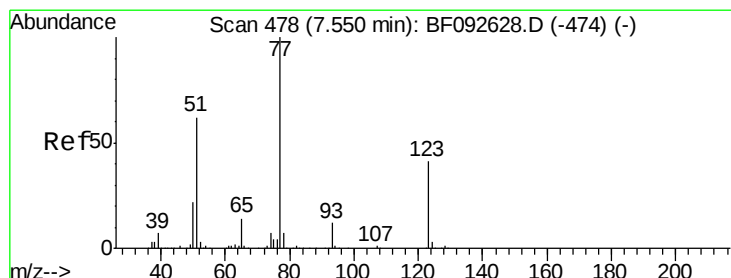
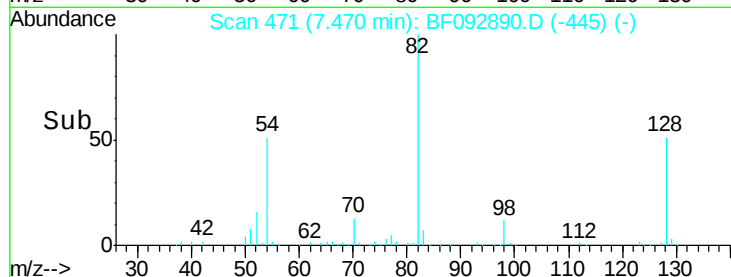
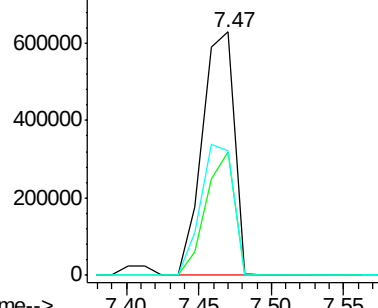
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	960790		
128	50.5	34.6	52.0	
54	50.9	39.5	59.3	

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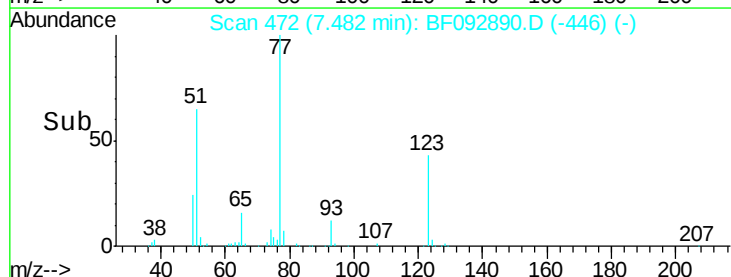
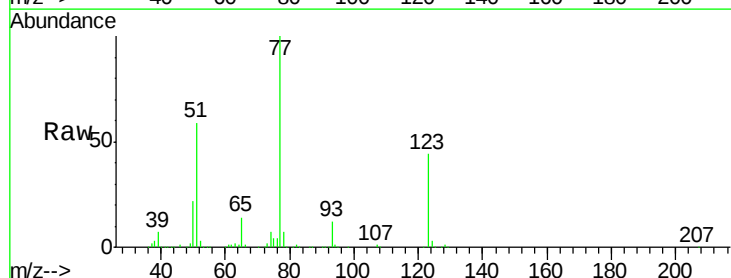
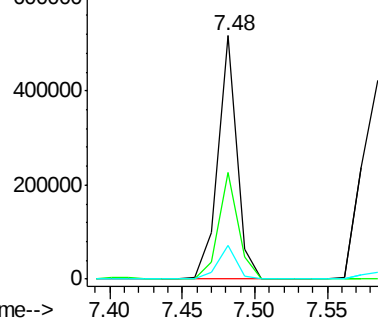
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

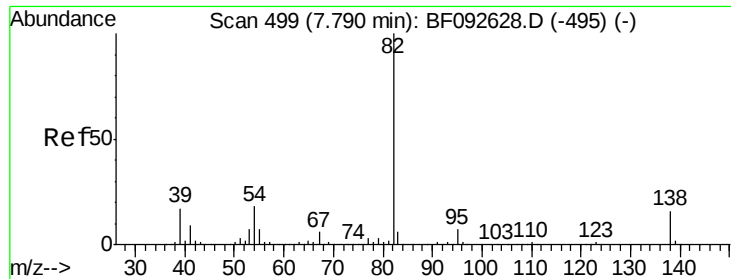


#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	471461		
123	43.9	33.0	49.4	
65	13.9	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: 41.19 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

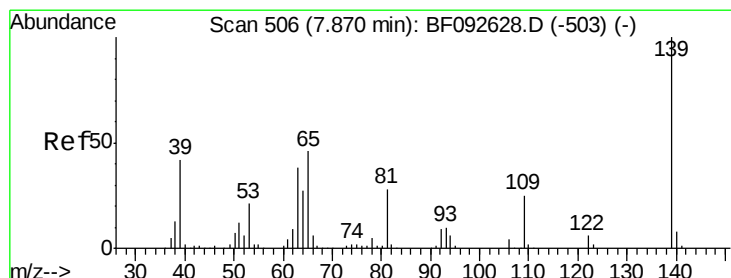
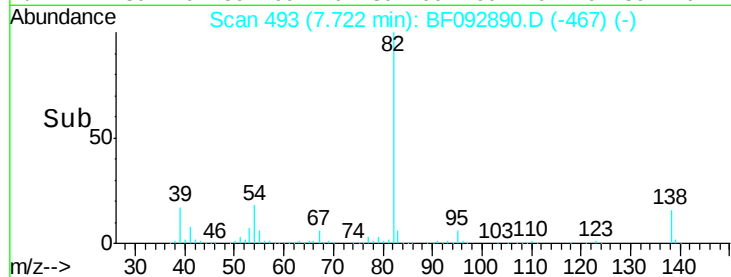
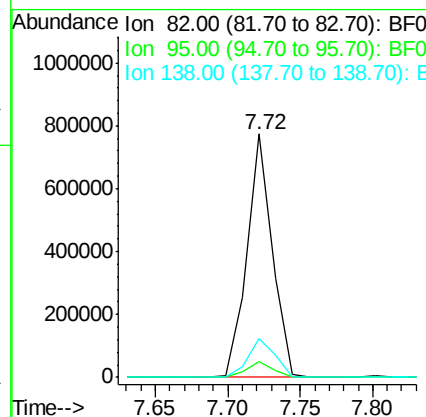
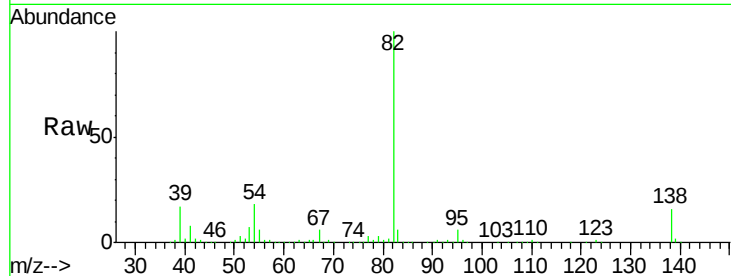
ClientSampleId :

PB96841BSD

Tgt Ion:	82	Resp:	933250
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	16.2	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.61 ng

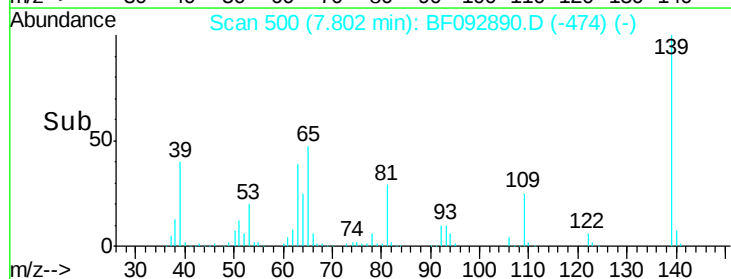
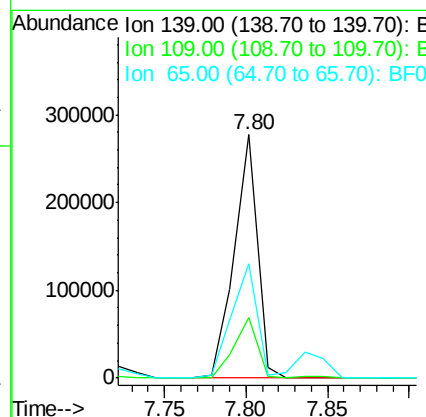
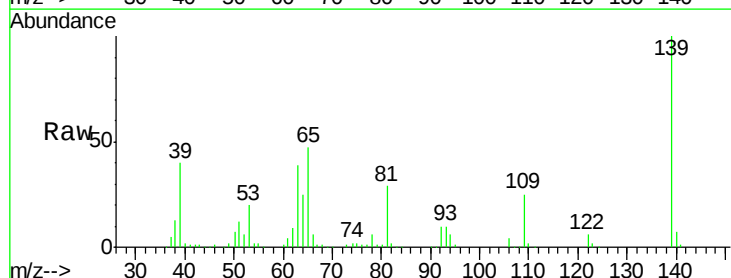
RT: 7.80 min Scan# 500

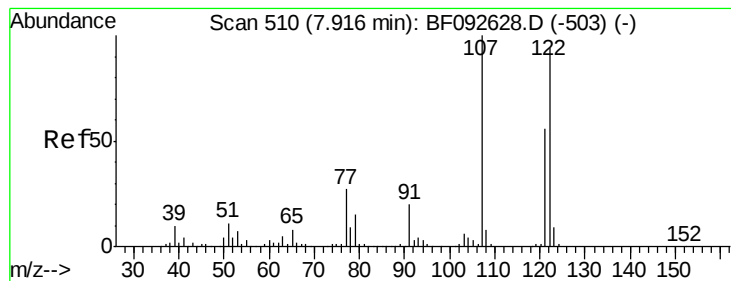
Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:	139	Resp:	270691
Ion Ratio		Lower	Upper
139	100		
109	24.9	23.3	34.9
65	47.2	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 42.87 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

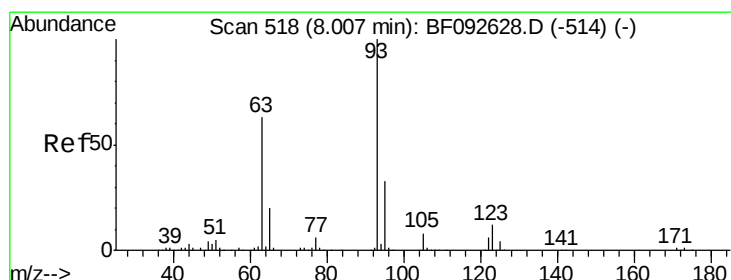
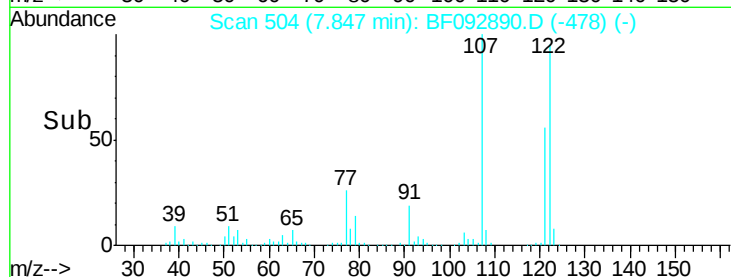
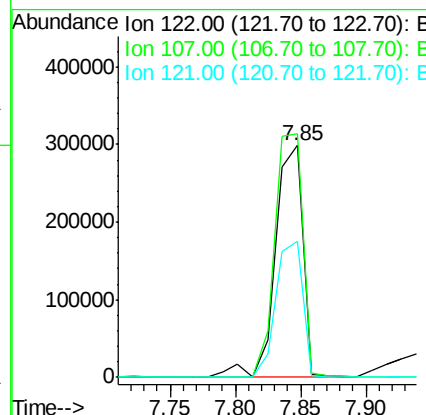
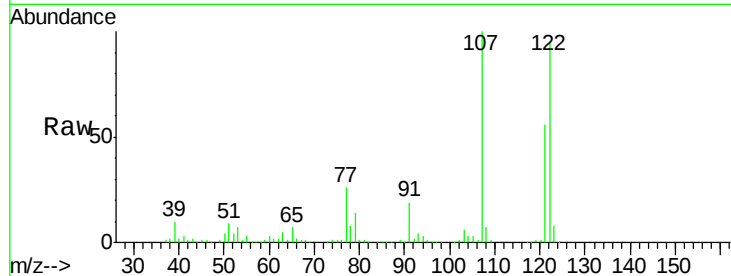
ClientSampleId :

PB96841BSD

Tgt Ion:	122	Resp:	446841
Ion Ratio	Lower	Upper	
122	100		
107	105.2	94.1	141.1
121	59.0	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 41.94 ng

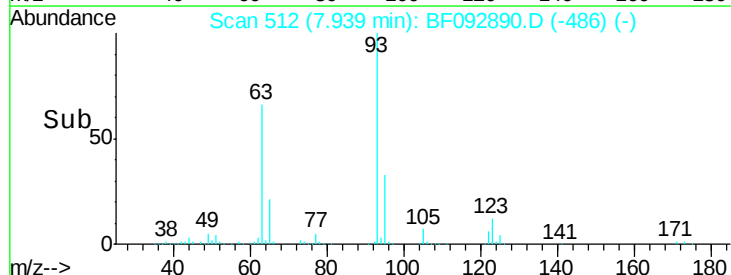
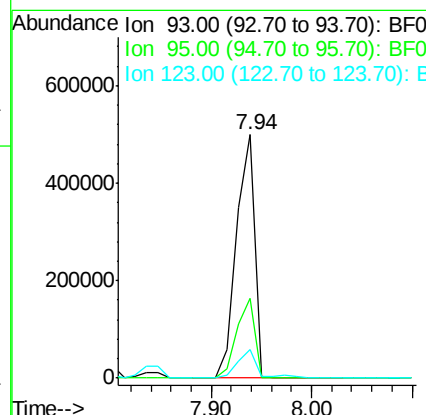
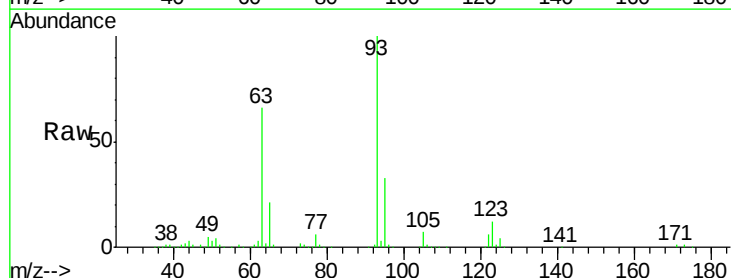
RT: 7.94 min Scan# 512

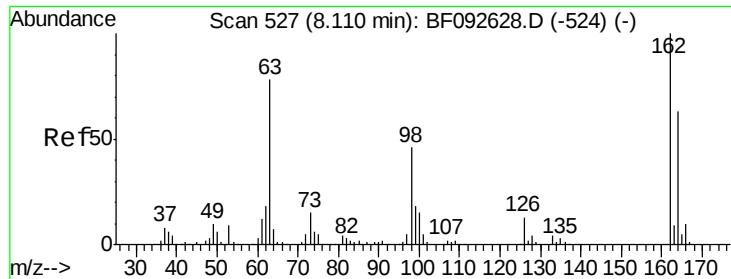
Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:	93	Resp:	629343
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.8	8.6	13.0





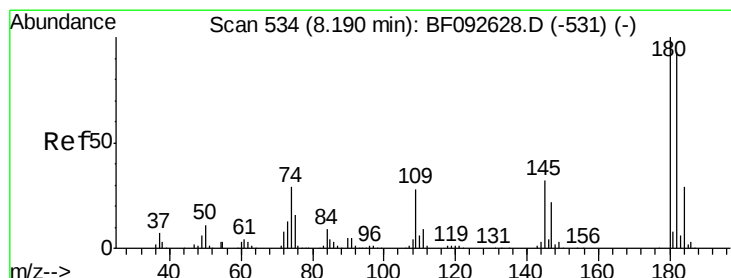
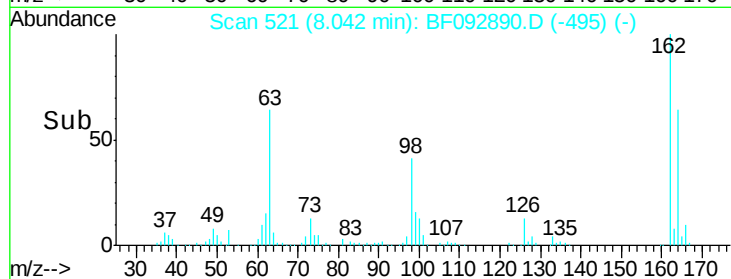
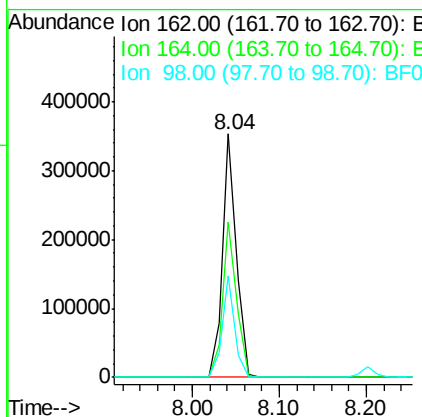
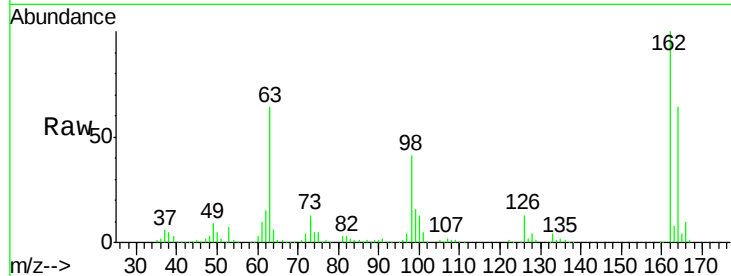
#29
 2,4-Dichlorophenol
 Concen: 41.02 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	398789		
164	64.0	46.8	86.8	
98	41.5	9.1	49.1	

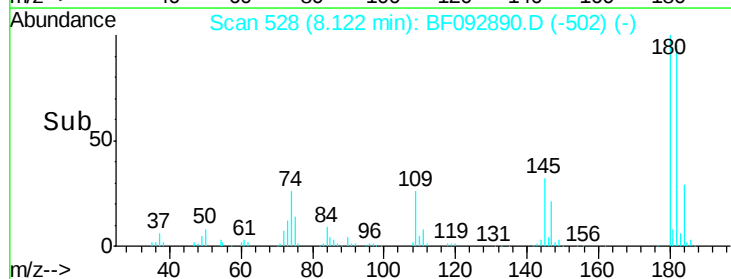
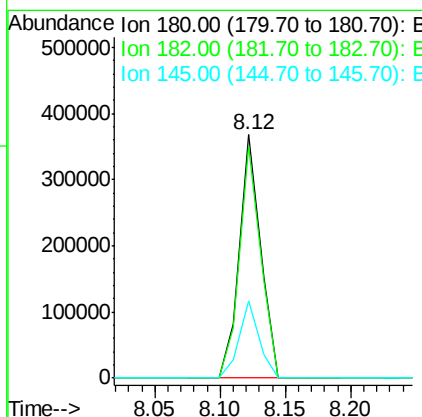
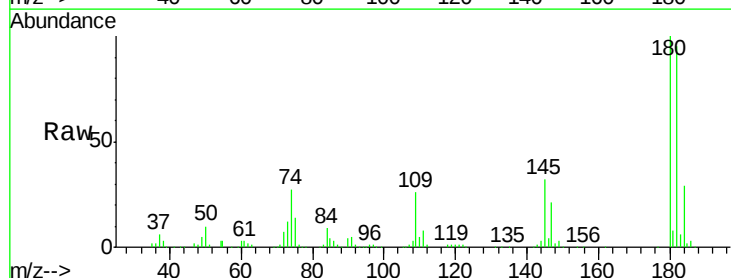
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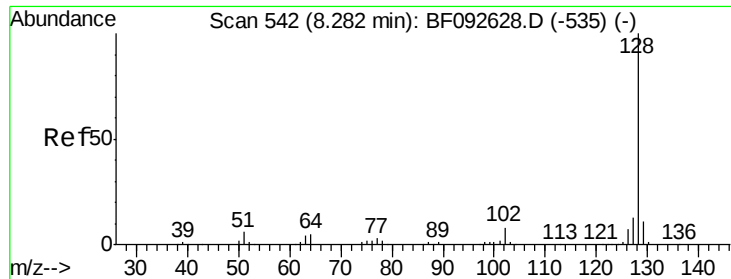
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414491		
182	95.5	78.2	117.4	
145	31.7	21.6	32.4	





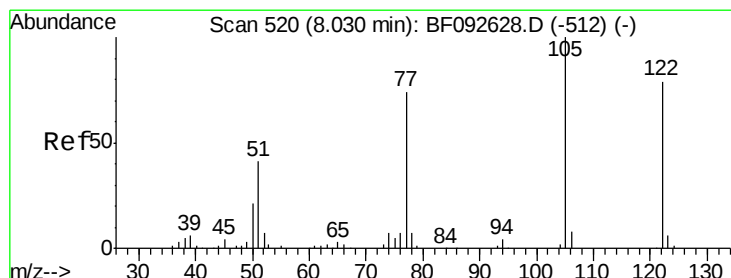
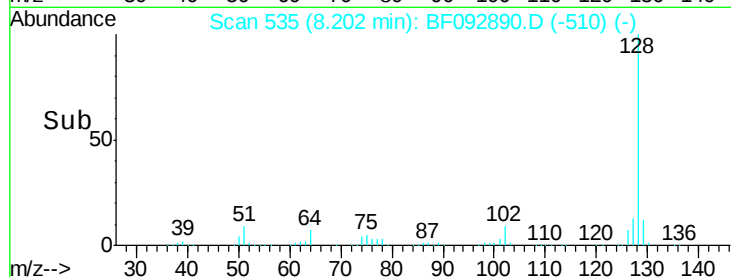
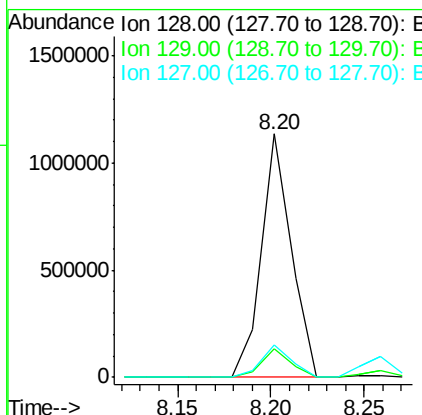
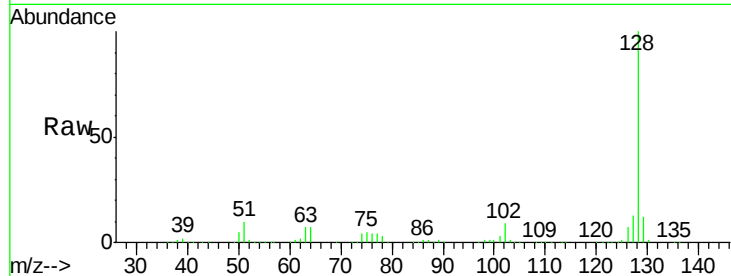
#31
Naphthalene
Concen: 36.49 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.4	10.8	16.2

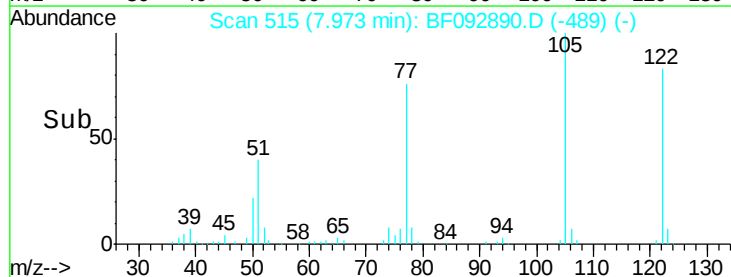
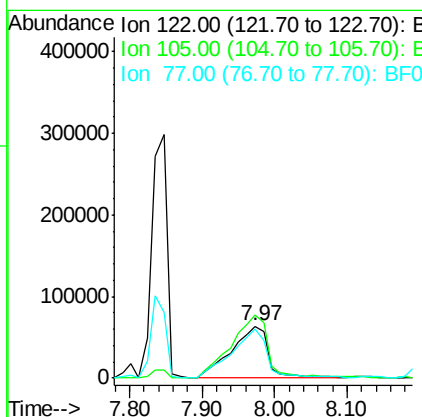
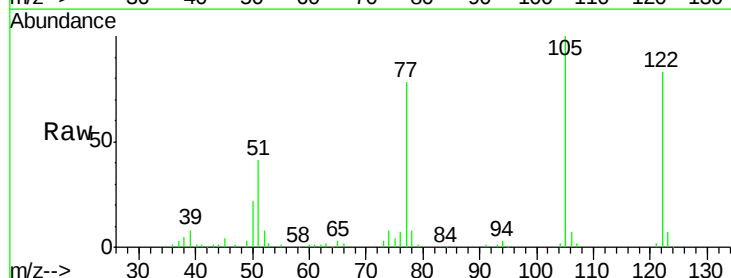
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#32
Benzoic acid
Concen: 38.90 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	107.2	147.2
77	93.8	74.5	114.5





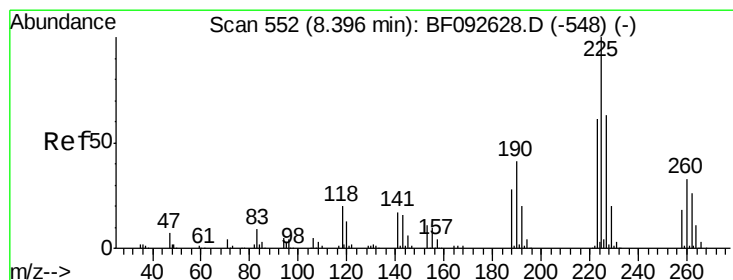
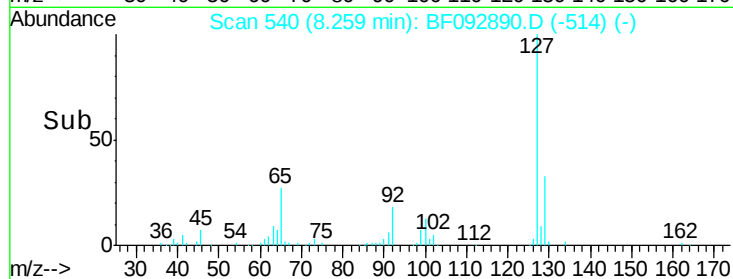
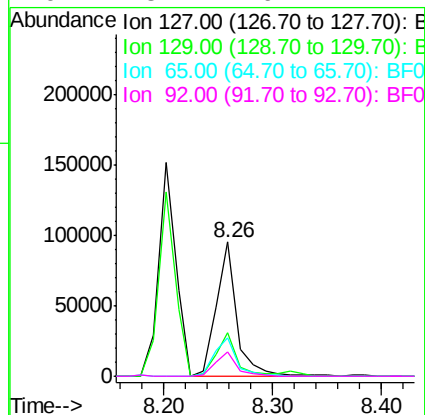
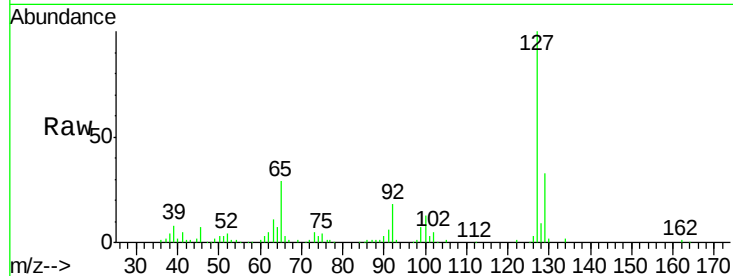
#33
4-Chloroaniline
Concen: 9.18 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	26.3	39.5
65	29.1	25.8	38.8
92	18.4	16.1	24.1

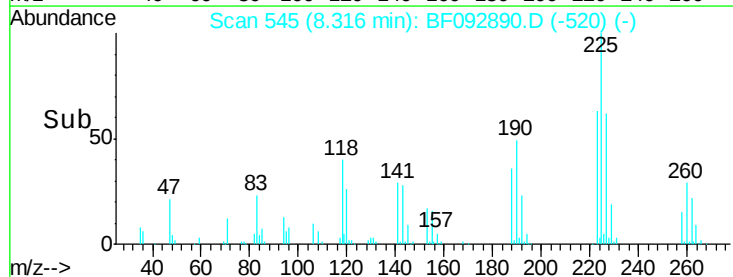
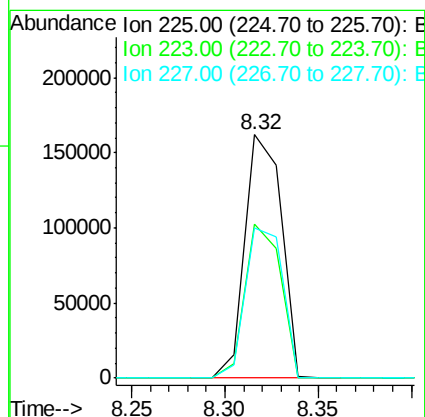
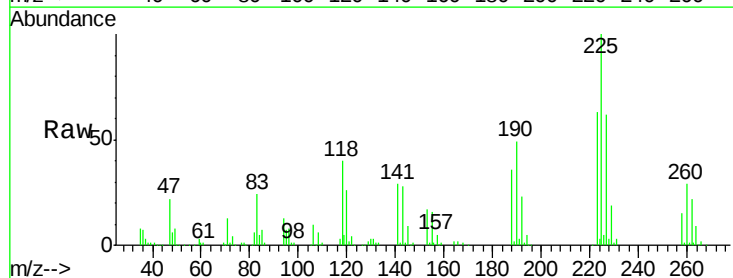
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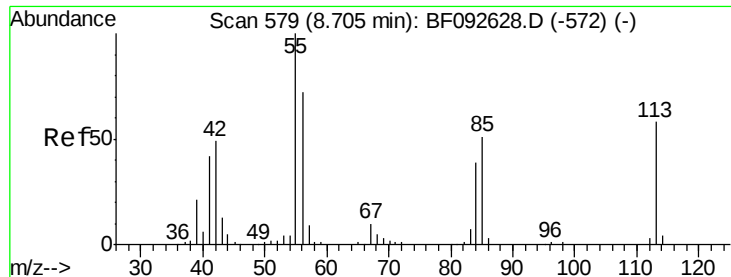
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#34
Hexachlorobutadiene
Concen: 38.11 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.5	51.0	76.6
227	61.9	50.6	76.0





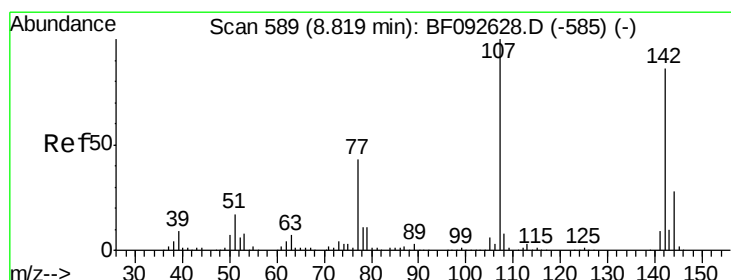
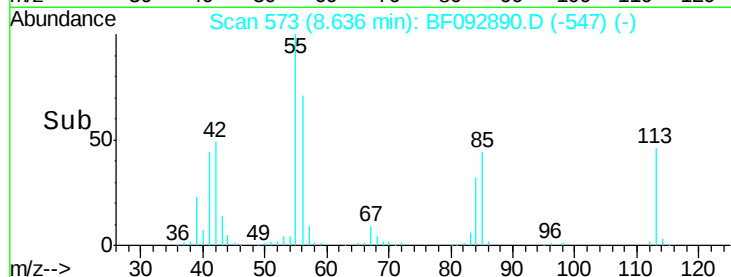
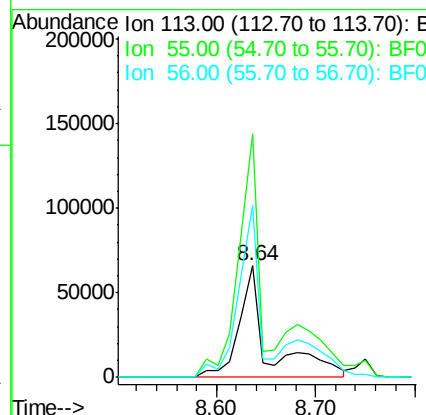
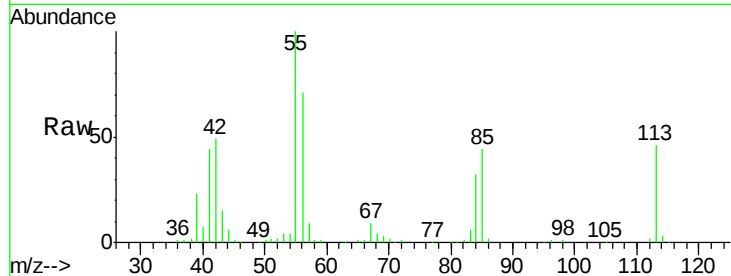
#35
 Caprolactam
 Concen: 44.29 ng m
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:113 Resp: 135424
 Ion Ratio Lower Upper
 113 100
 55 218.3 119.2 159.2#
 56 154.3 83.8 123.8#

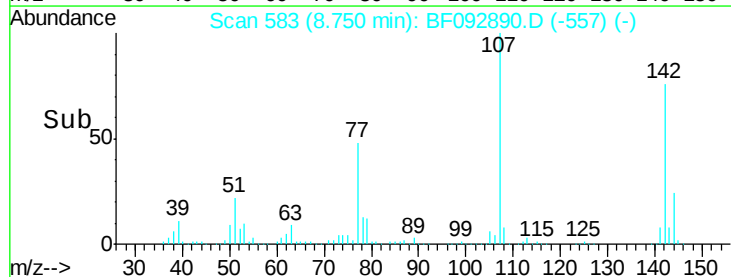
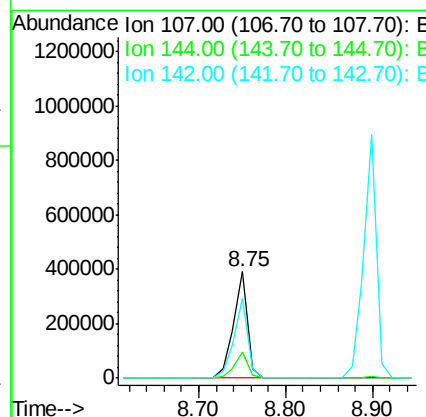
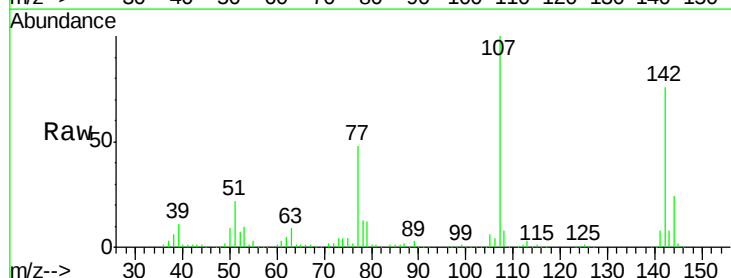
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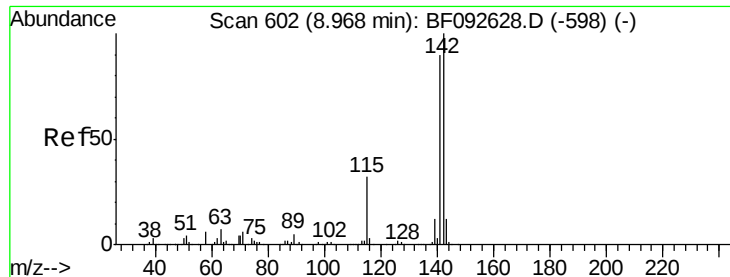
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#36
 4-Chloro-3-methylphenol
 Concen: 43.23 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:107 Resp: 438158
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 75.5 59.0 88.6





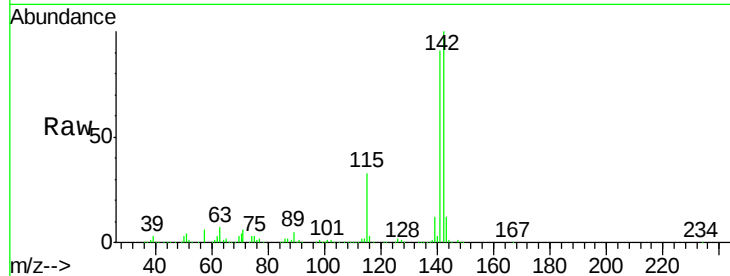
#37
2-Methylnaphthalene
Concen: 41.78 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

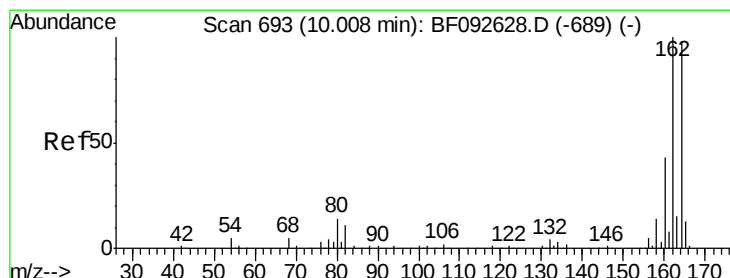
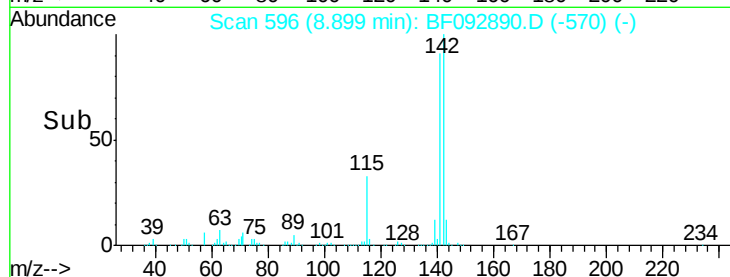
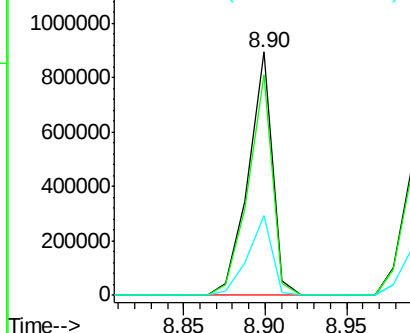
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	32.8	28.3	42.5

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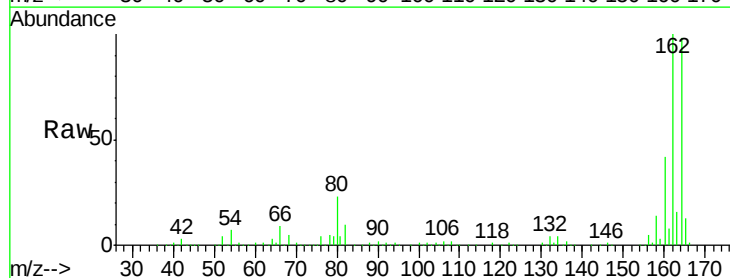


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

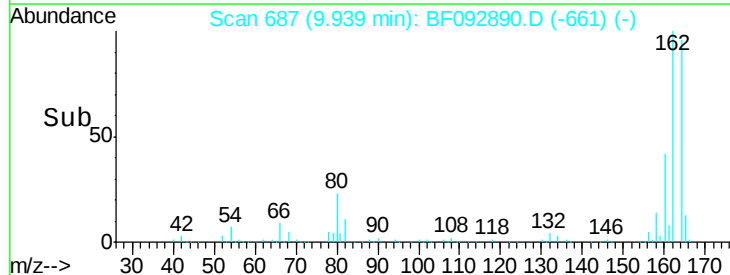
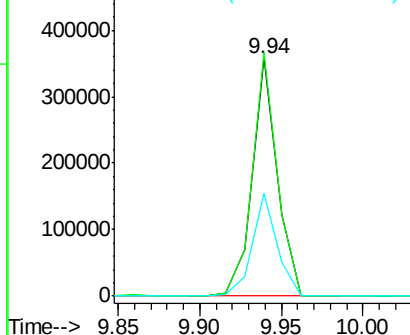


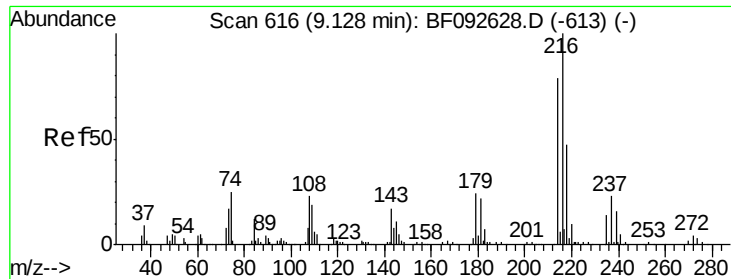
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	43.2	36.9	55.3



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





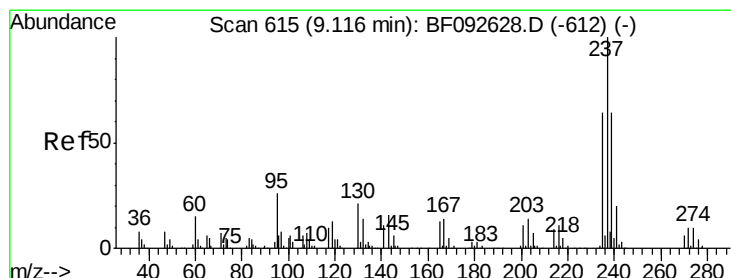
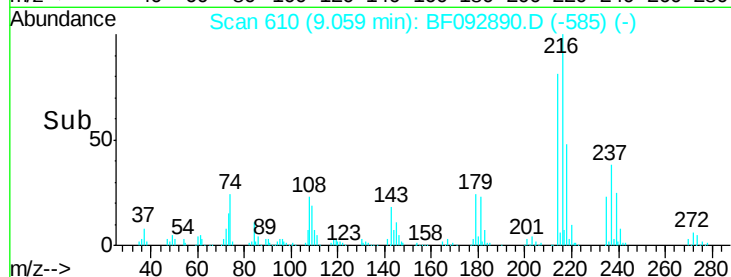
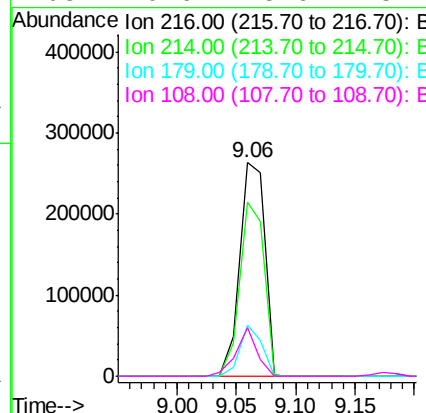
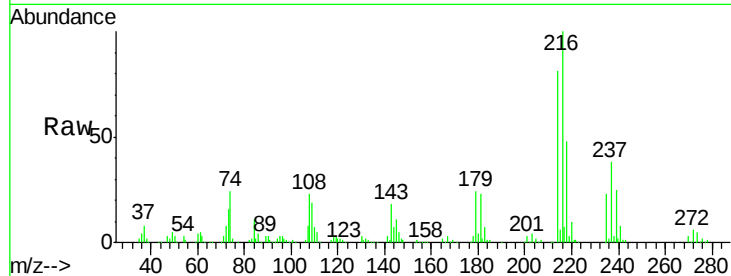
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.39 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	389183		
214	79.2	63.4	95.0	
179	20.8	17.4	26.2	
108	19.6	15.6	23.4	

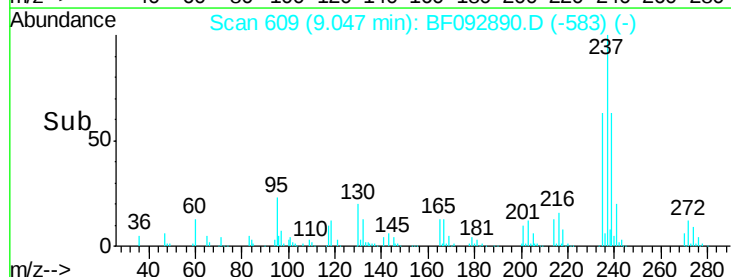
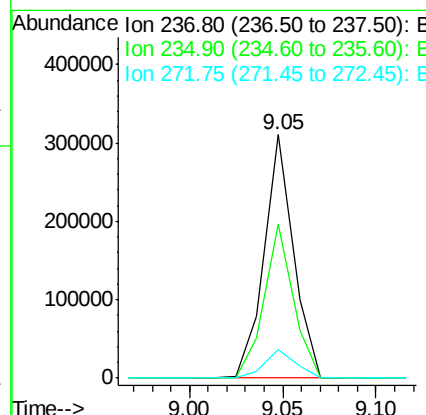
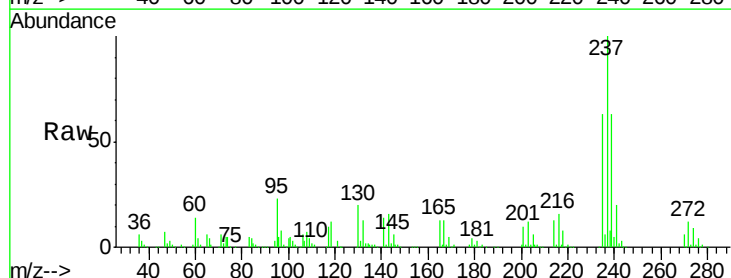
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#40
 Hexachlorocyclopentadiene
 Concen: 69.88 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	337218		
235	63.2	41.2	81.2	
272	12.0	0.0	35.4	





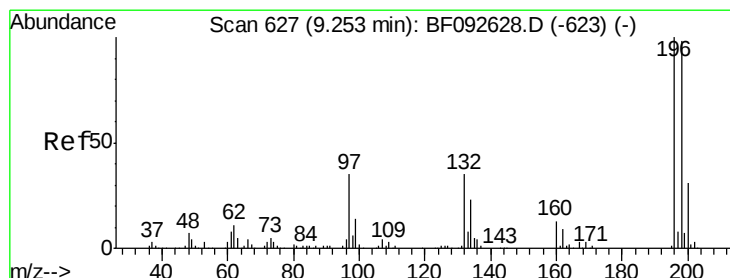
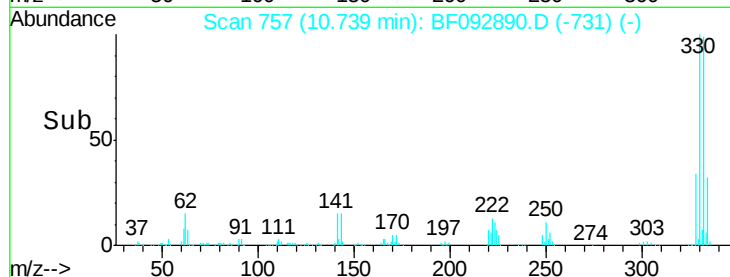
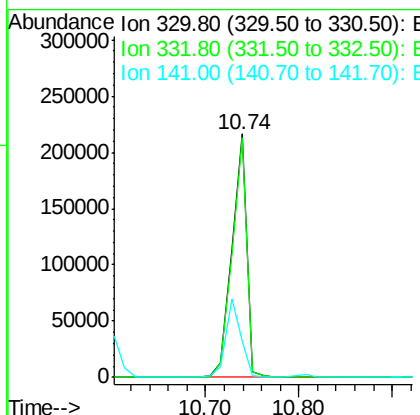
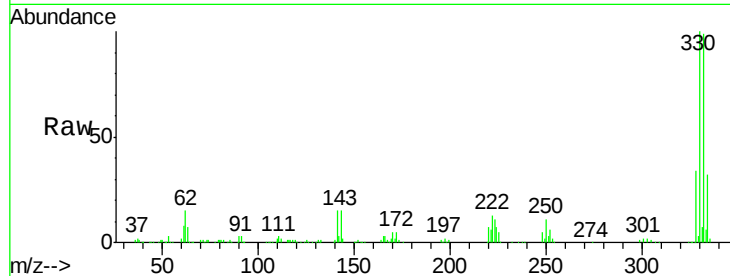
#41
 2,4,6-Tribromophenol
 Concen: 87.97 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	242415		
332	97.6	77.4	116.2	
141	32.7	34.1	51.1#	

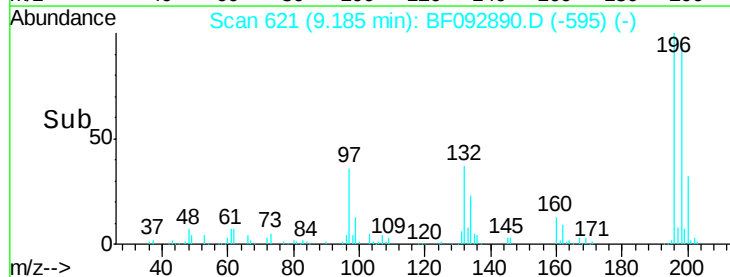
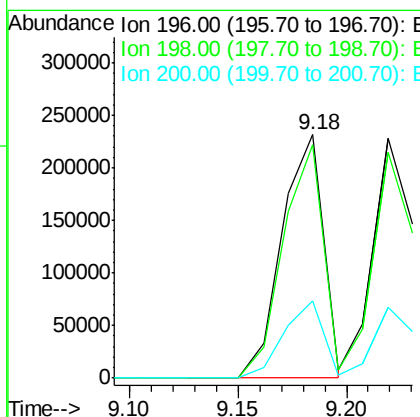
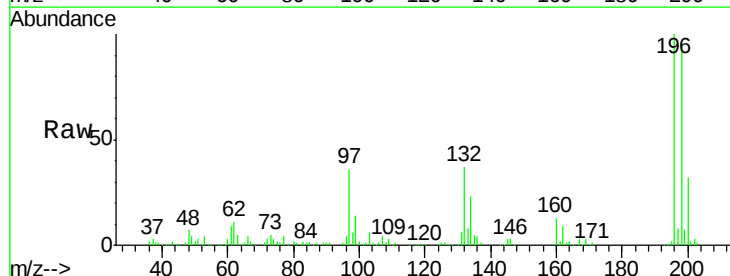
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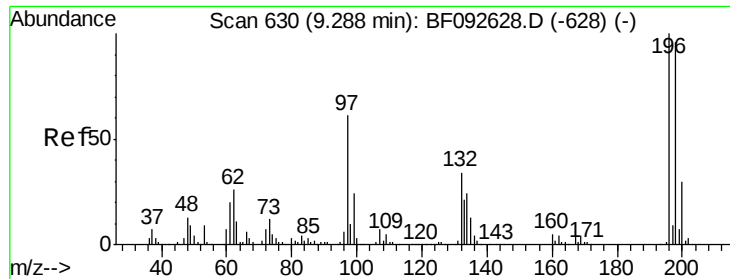
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#42
 2,4,6-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307504		
198	96.0	82.1	123.1	
200	31.5	27.0	40.4	





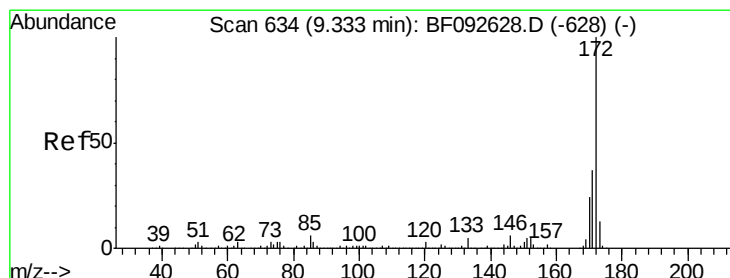
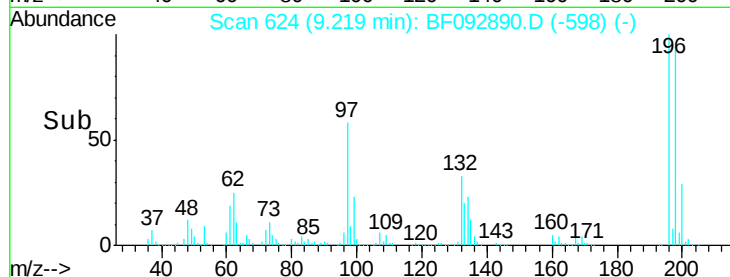
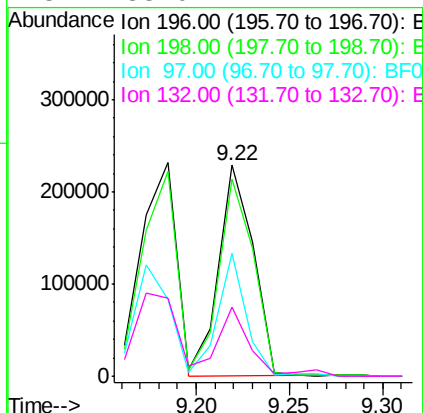
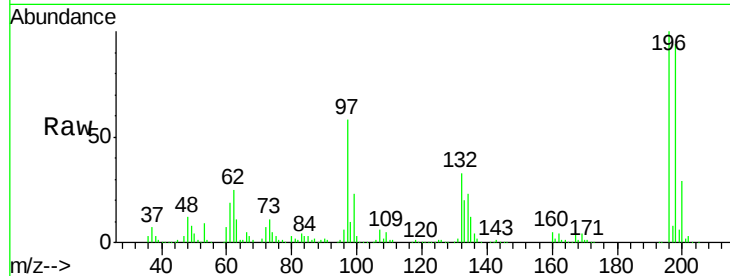
#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294844		
198	93.7	79.4	119.2	
97	58.1	51.5	77.3	
132	33.0	27.4	41.2	

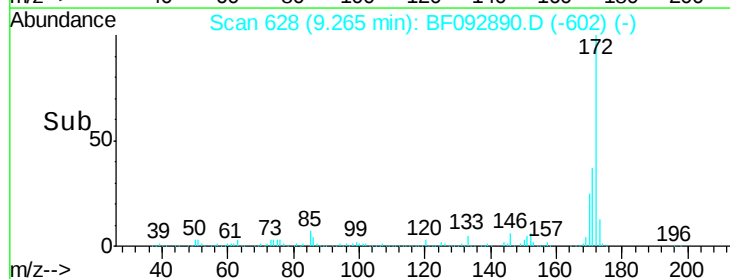
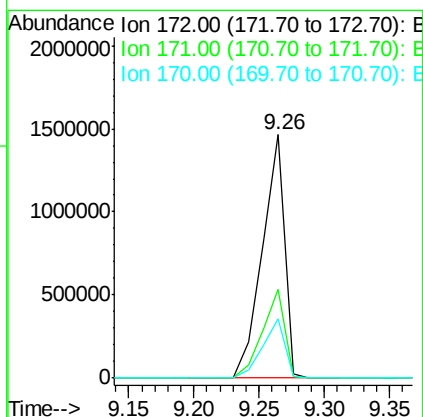
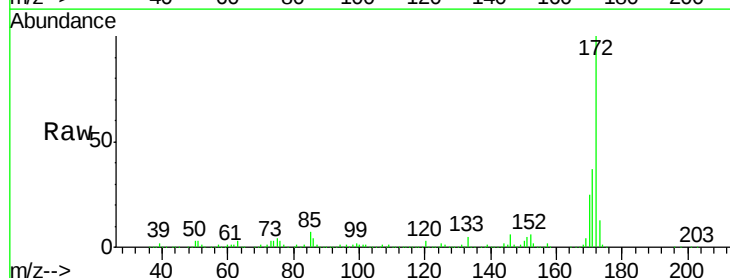
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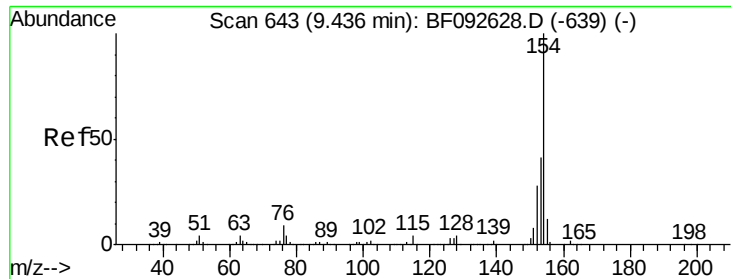
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#44
 2-Fluorobiphenyl
 Concen: 83.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1755077		
171	36.5	29.4	44.0	
170	24.5	20.2	30.4	





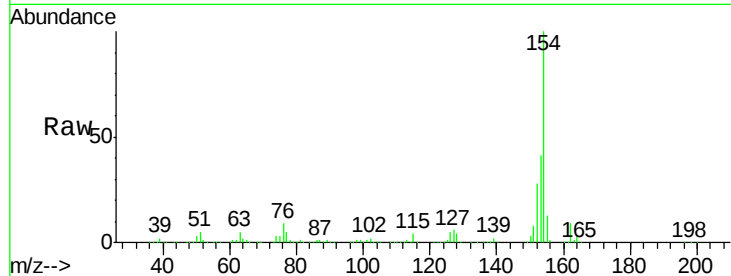
#45
 1,1'-Biphenyl
 Concen: 40.25 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

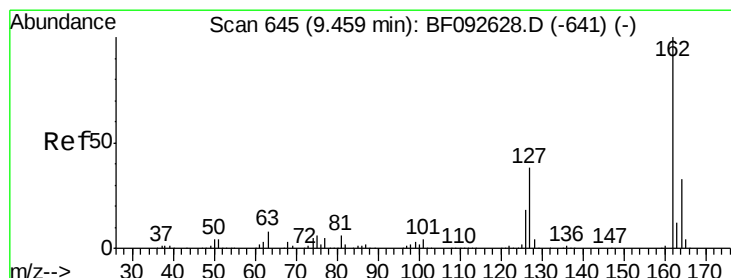
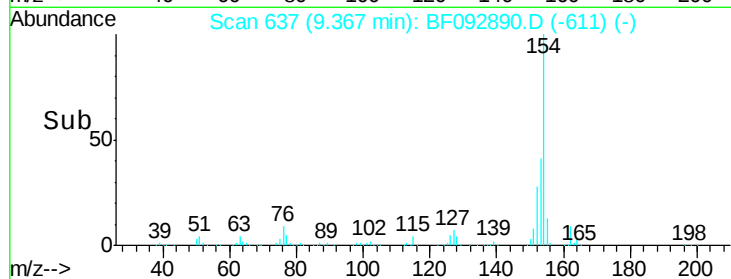
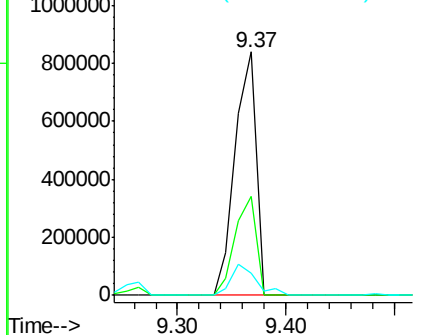
Tgt Ion:154 Resp: 1110532
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 9.0 0.0 30.5

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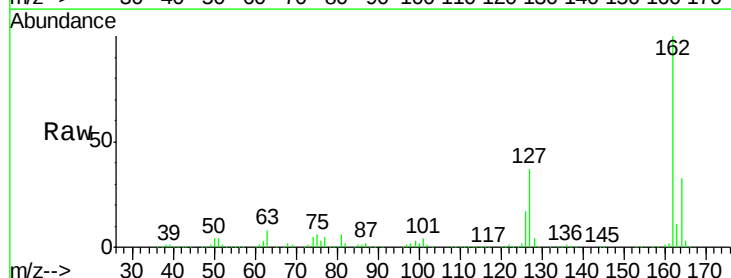


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

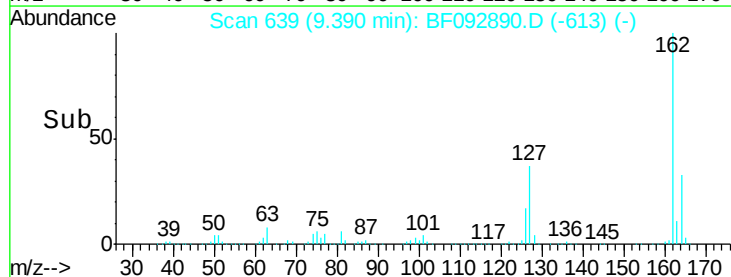
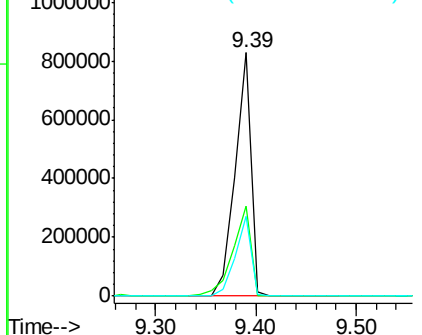


#46
 2-Chloronaphthalene
 Concen: 42.00 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:162 Resp: 906471
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.7 46.1
 164 32.8 27.6 41.4



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





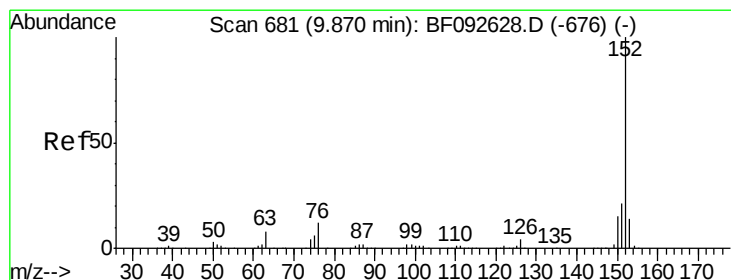
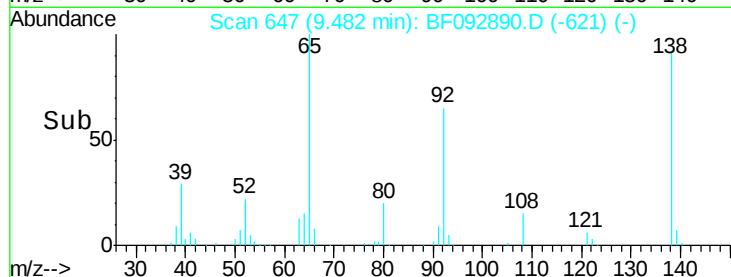
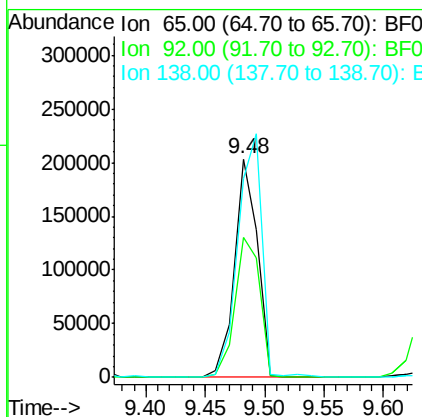
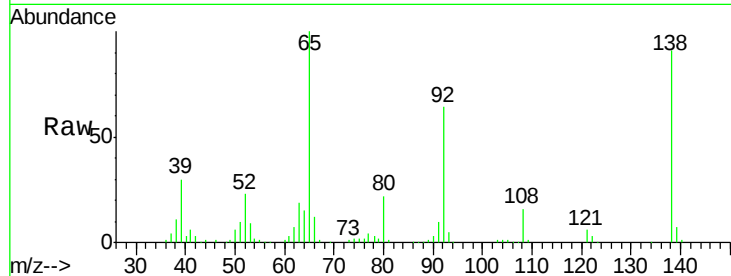
#47
2-Nitroaniline
Concen: 37.76 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.9	80.9
138	91.2	76.8	115.2

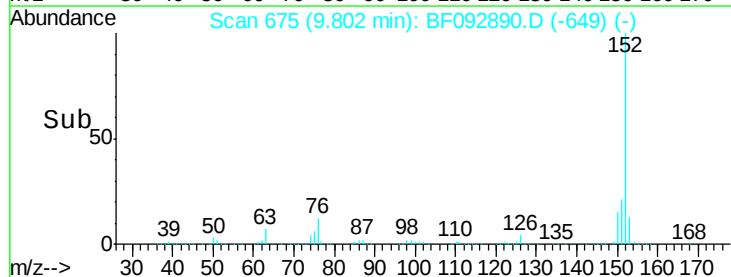
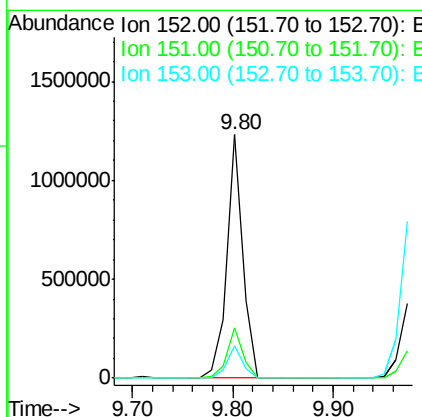
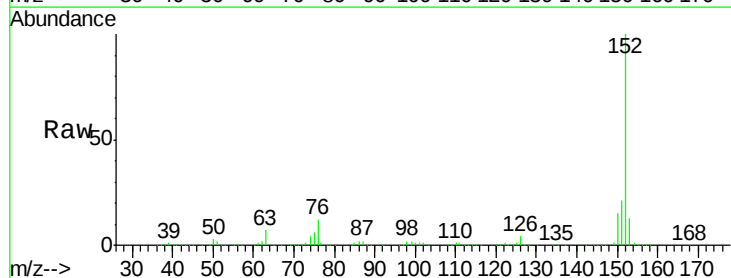
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#48
Acenaphthylene
Concen: 36.06 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.4	17.2





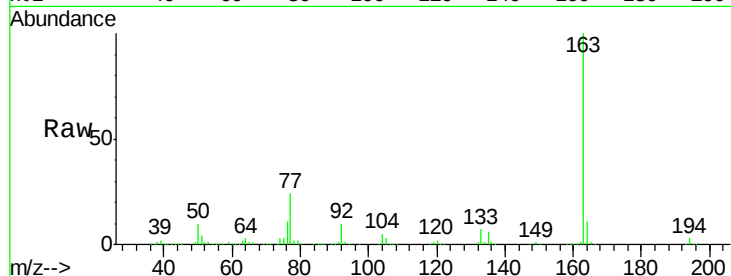
#49
Dimethylphthalate
Concen: 40.52 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

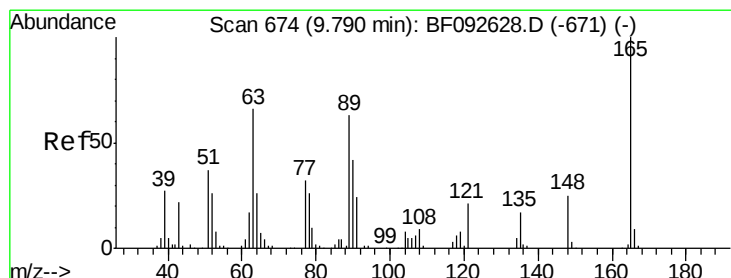
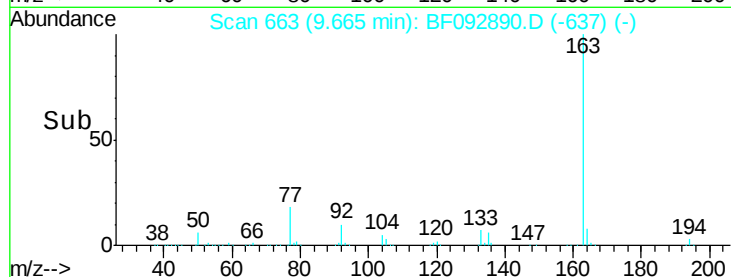
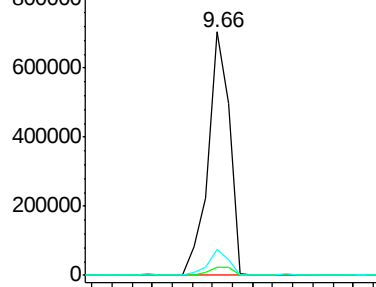
Tgt Ion:163 Resp: 1039825
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

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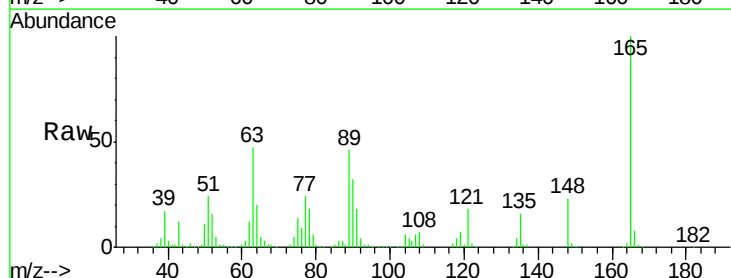


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

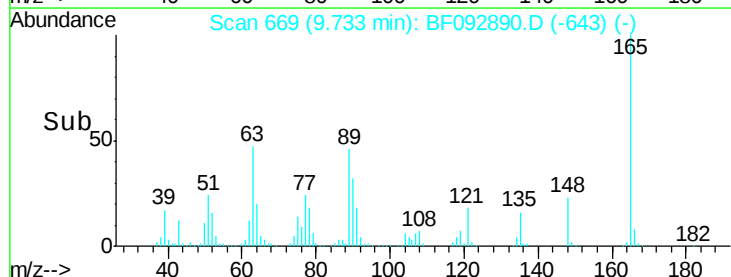
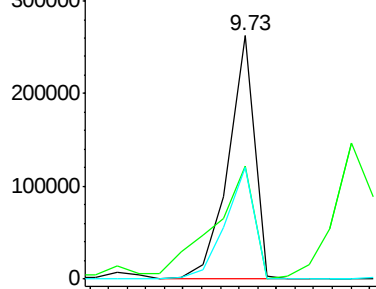


#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:165 Resp: 254596
Ion Ratio Lower Upper
165 100
63 46.6 36.2 54.4
89 45.9 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





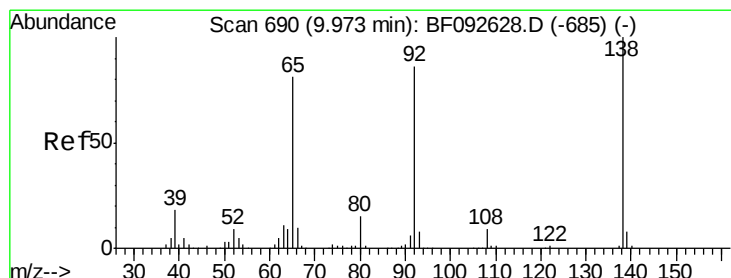
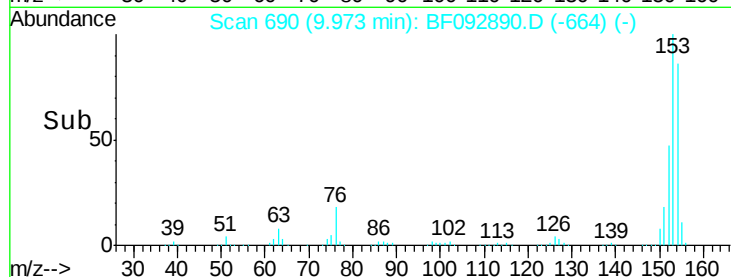
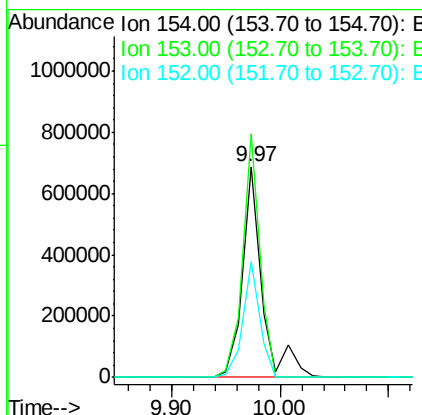
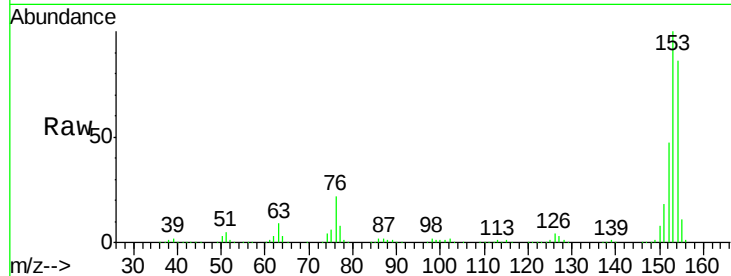
#51
Acenaphthene
Concen: 38.48 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	88.6	133.0
152	54.8	41.6	62.4

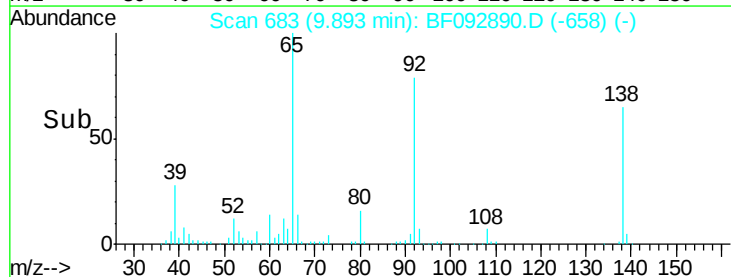
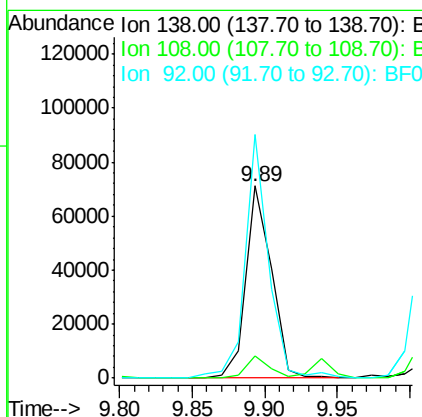
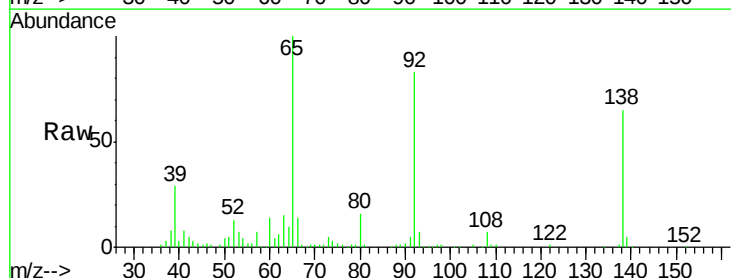
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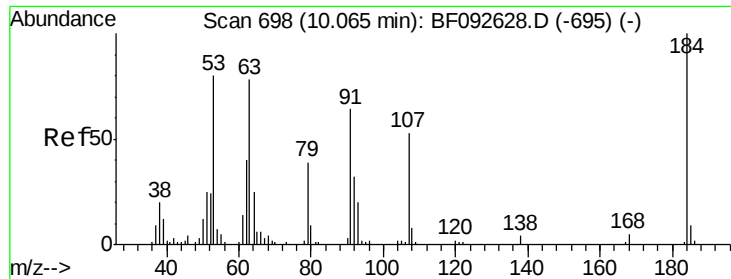
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#52
3-Nitroaniline
Concen: 13.76 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	126.9	97.8	146.8





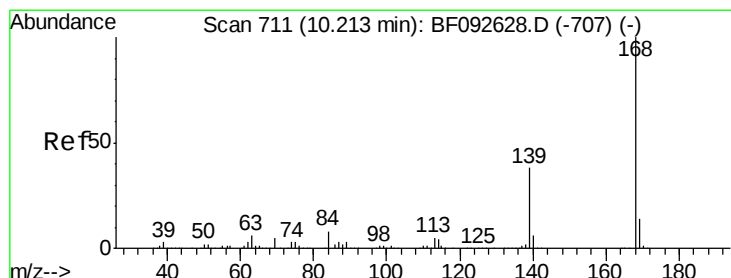
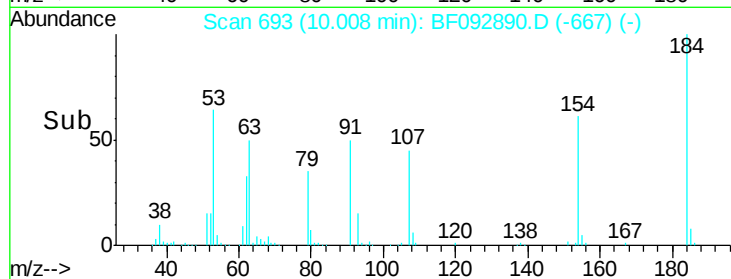
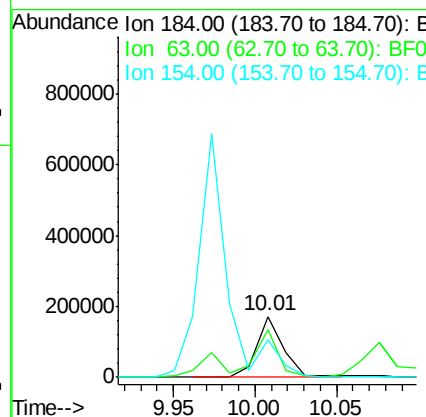
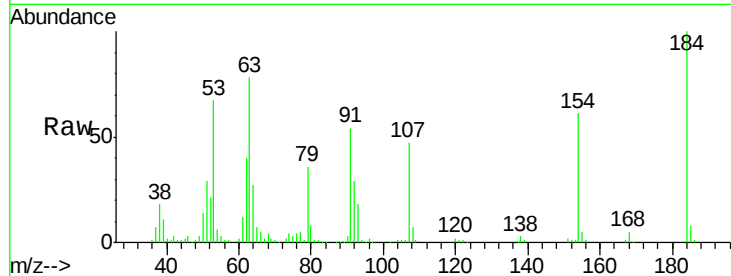
#53
 2,4-Dinitrophenol
 Concen: 70.44 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196898		
63	78.2	28.4	42.6#	
154	60.8	44.3	66.5	

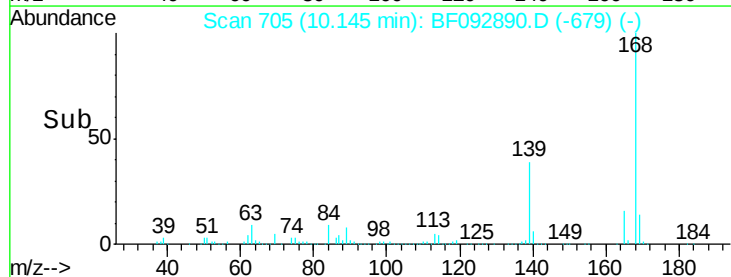
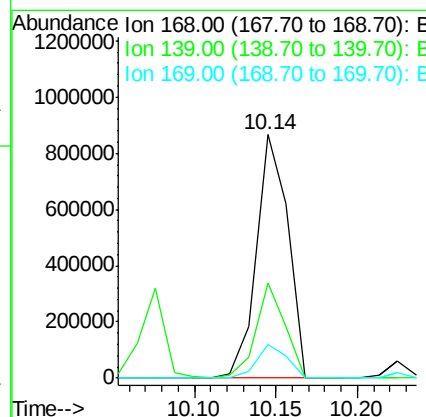
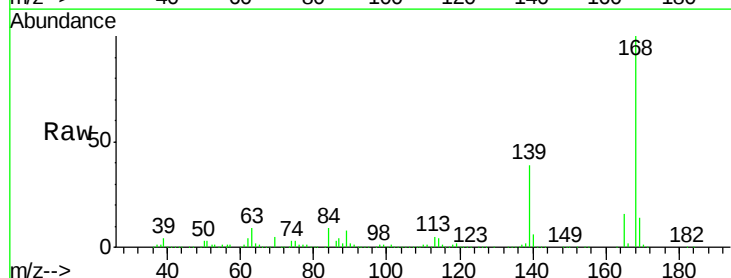
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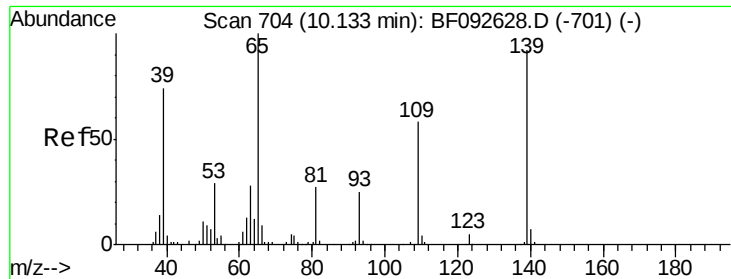
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#54
 Dibenzofuran
 Concen: 38.90 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1159748		
139	39.0	32.6	49.0	
169	13.7	11.3	16.9	





#55

4-Nitrophenol

Concen: 73.07 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

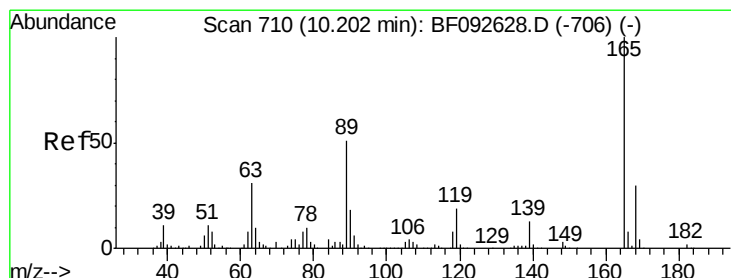
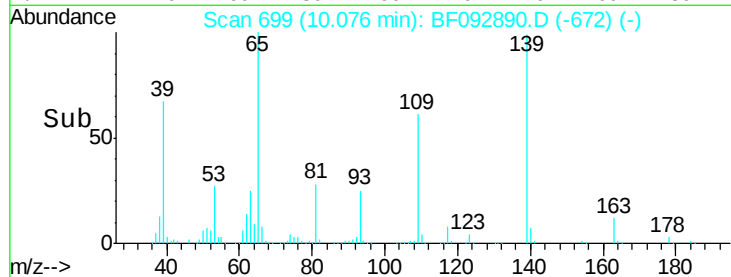
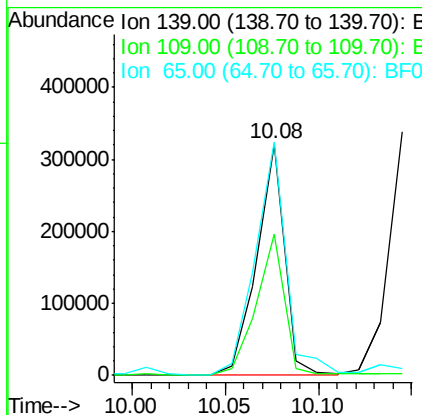
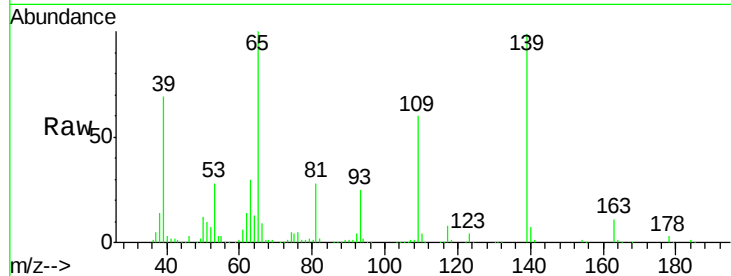
ClientSampleId :

PB96841BSD

Tgt Ion:	139	Resp:	333797
Ion Ratio	Lower	Upper	
139	100		
109	61.1	52.2	92.2
65	101.1	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 39.39 ng

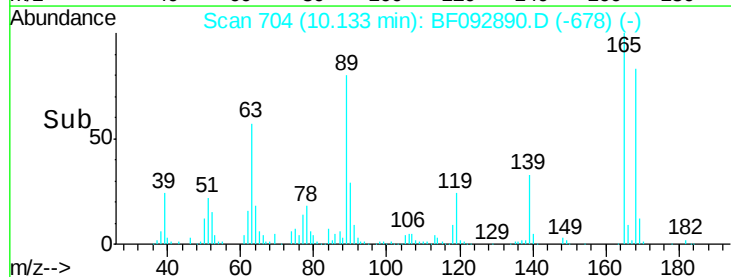
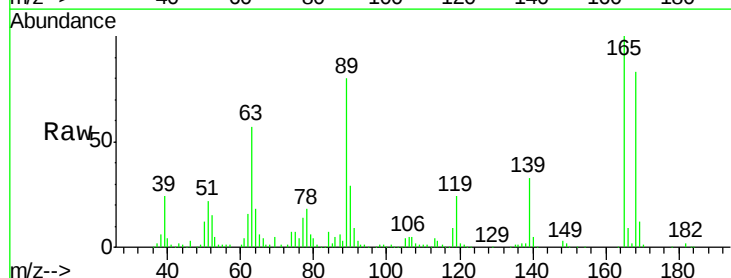
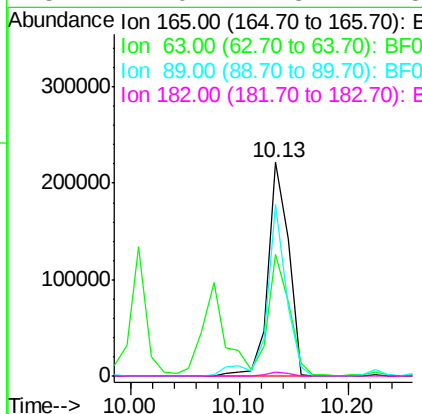
RT: 10.13 min Scan# 704

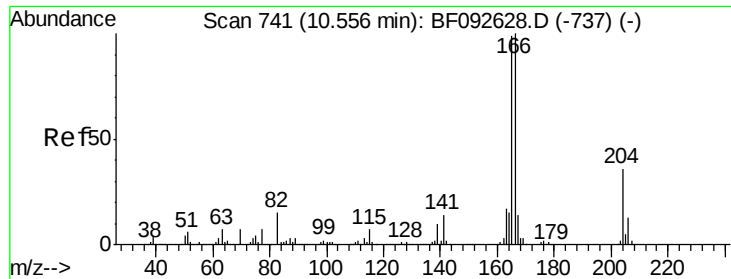
Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:	165	Resp:	290627
Ion Ratio	Lower	Upper	
165	100		
63	56.7	40.2	60.4
89	80.2	62.5	93.7
182	2.0	1.8	2.8





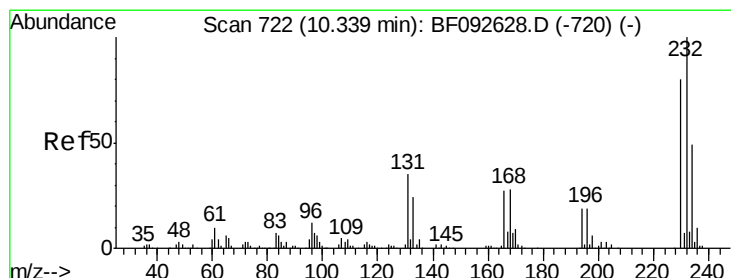
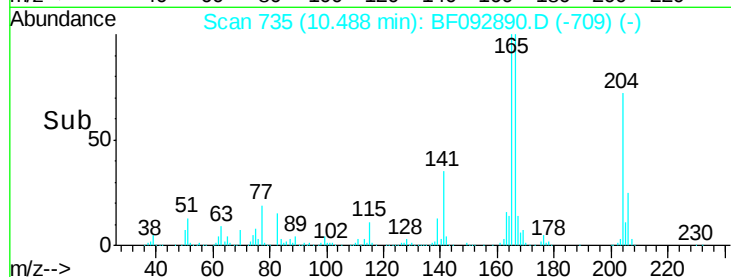
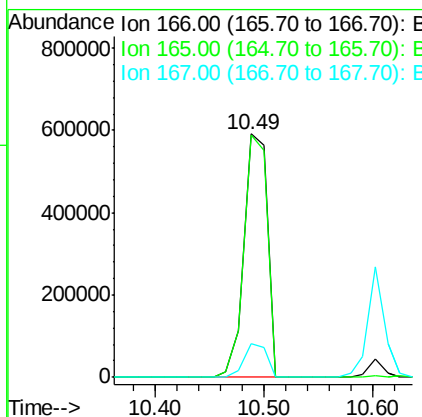
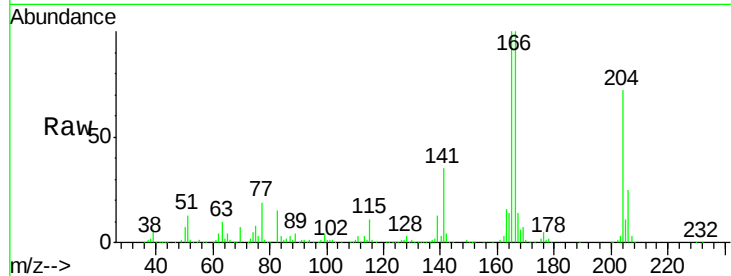
#57
Fluorene
 Concen: 38.46 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	882240		
165	99.6	77.8	116.8	
167	14.0	10.8	16.2	

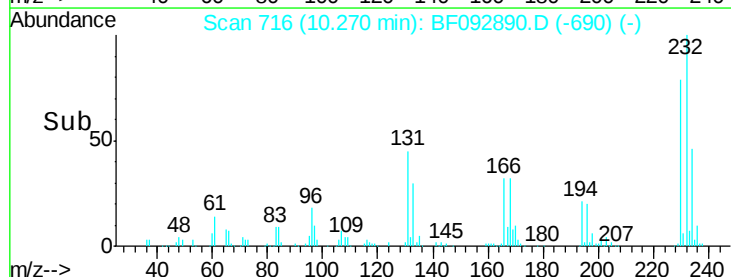
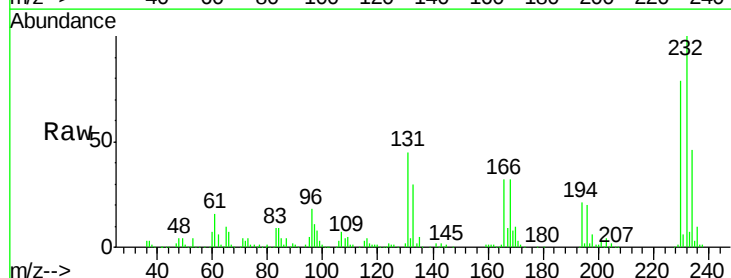
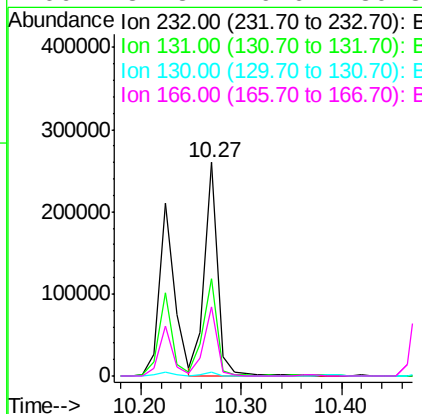
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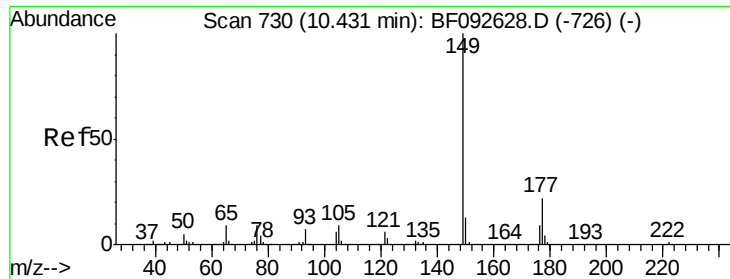
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.18 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	237209		
131	48.8	40.1	60.1	
130	2.2	1.8	2.8	
166	32.3	26.6	39.8	





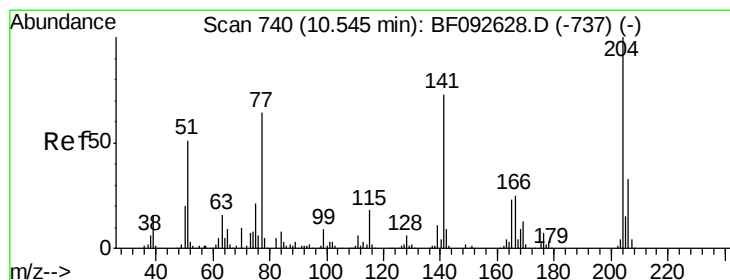
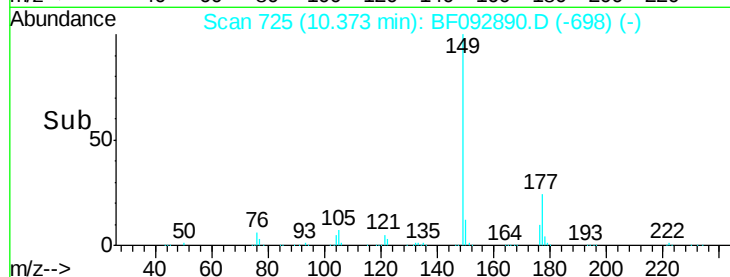
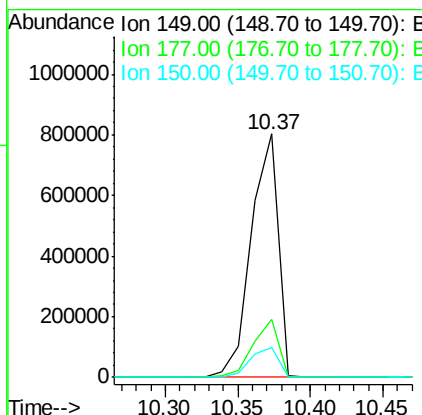
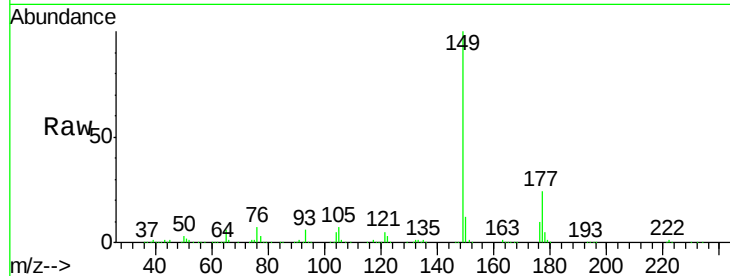
#59
Diethylphthalate
Concen: 42.99 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampled :
PB96841BSD

Tgt Ion:149 Resp: 1039747
Ion Ratio Lower Upper
149 100
177 24.1 16.6 25.0
150 12.1 10.4 15.6

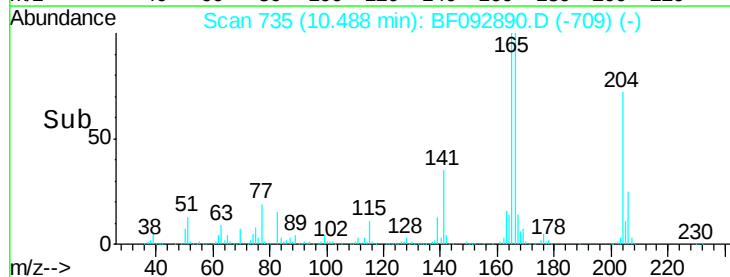
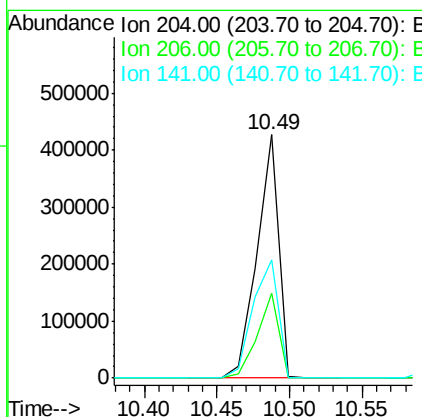
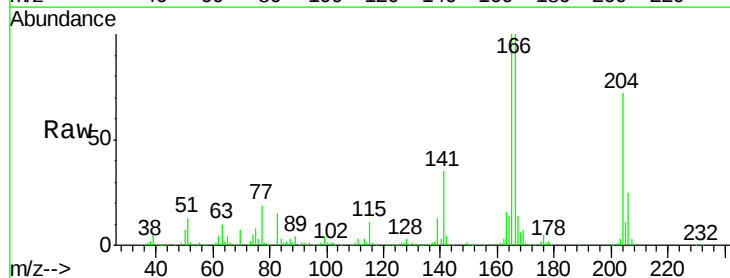
Manual Integrations
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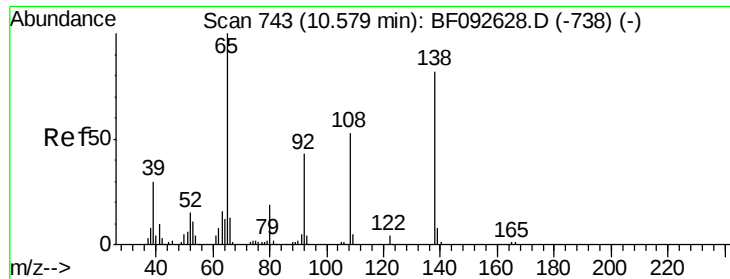
mohammad
2/13/2017 12:40:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.04 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:204 Resp: 441213
Ion Ratio Lower Upper
204 100
206 35.1 25.8 38.6
141 48.7 59.4 89.0#





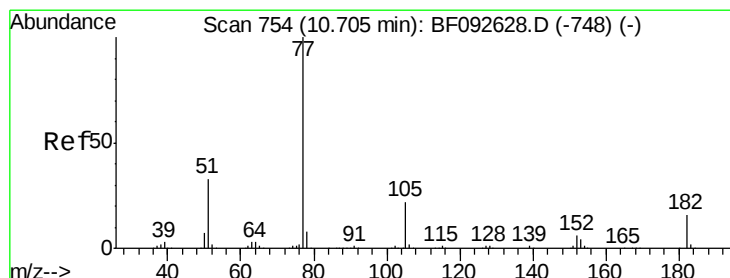
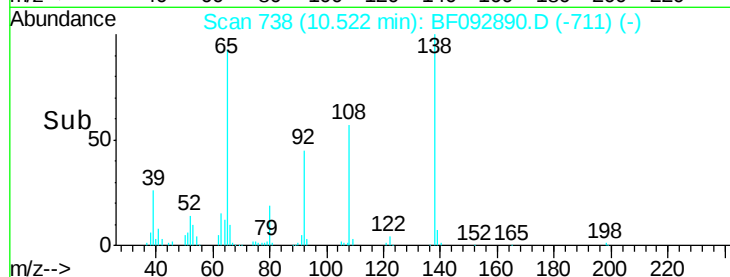
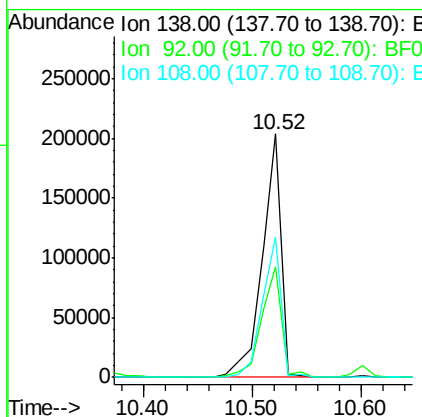
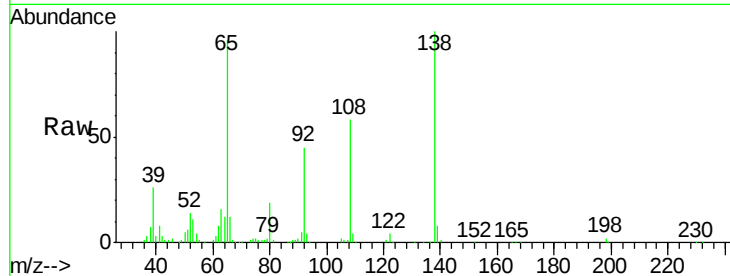
#61
4-Nitroaniline
Concen: 38.08 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	247359		
92	45.2	31.7	71.7	
108	57.6	52.6	92.6	

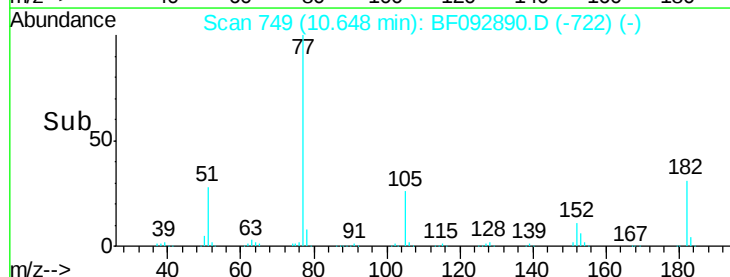
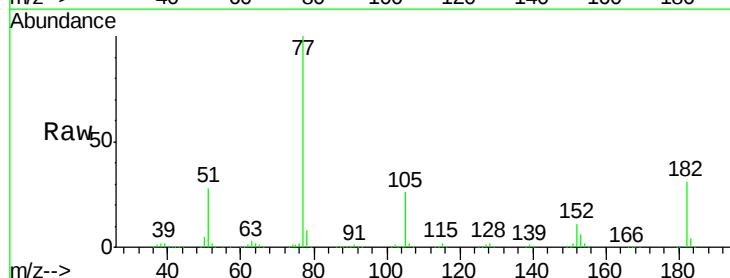
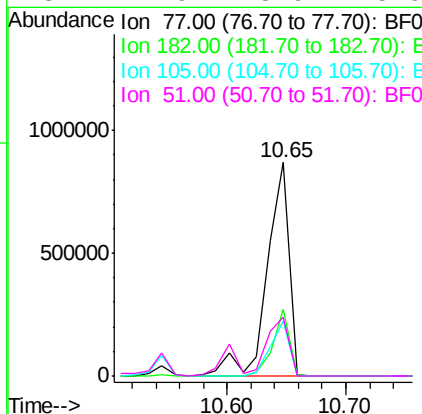
Manual Integrations
APPROVED

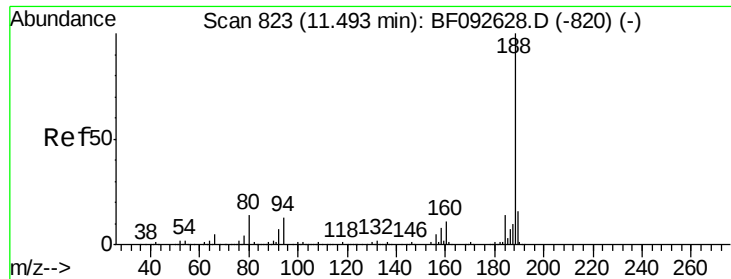
mohammad
2/13/2017 12:40:46 PM



#62
Azobenzene
Concen: 44.93 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1122685		
182	31.1	0.0	39.3	
105	25.8	2.3	42.3	
51	27.9	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

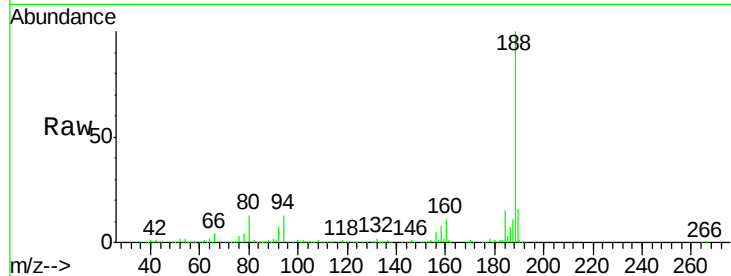
ClientSampleId :

PB96841BSD

Tgt Ion:	188	Resp:	613457
Ion Ratio	Lower	Upper	
188	100		
94	12.5	10.0	15.0
80	13.5	11.2	16.8

Manual Integrations
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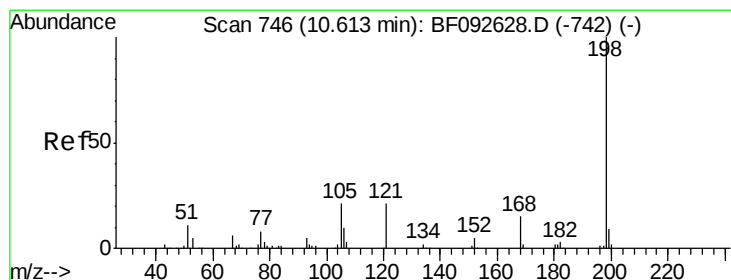
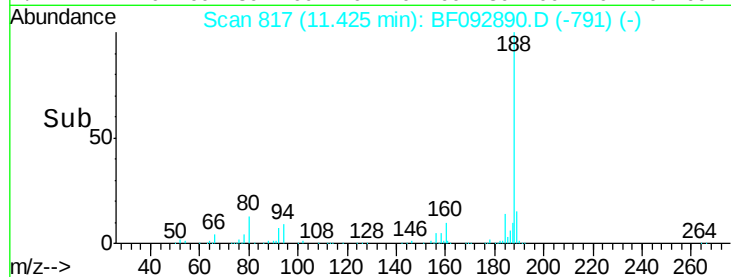
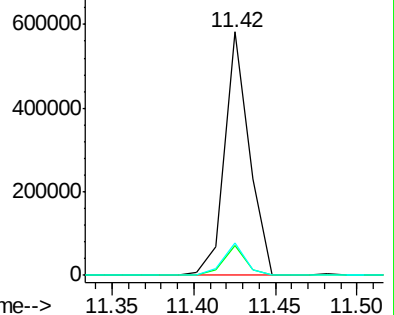
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.96 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092890.D

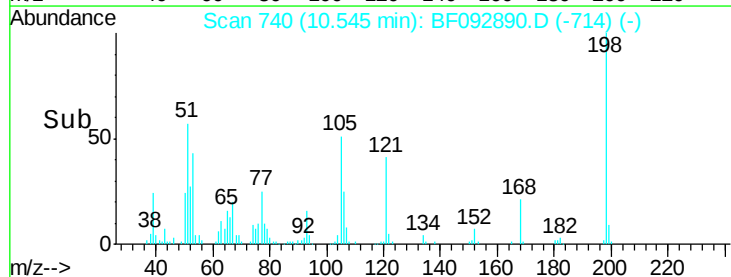
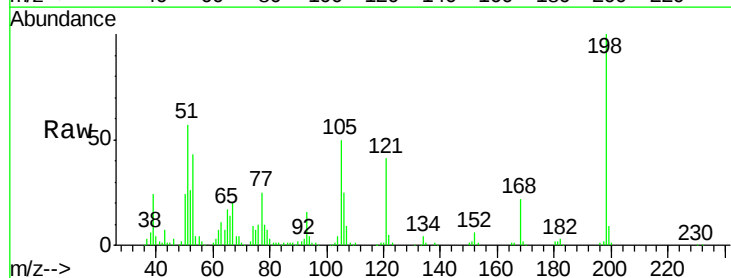
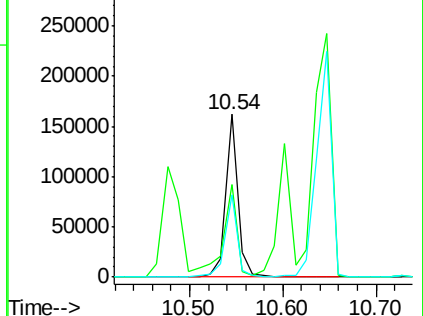
Acq: 10 Feb 2017 18:34

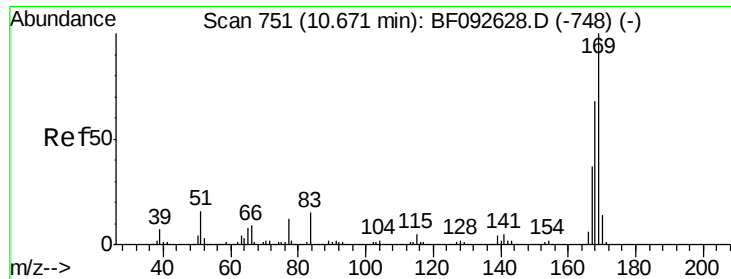
Tgt Ion:	198	Resp:	147436
Ion Ratio	Lower	Upper	
198	100		
51	57.0	6.7	46.7#
105	50.4	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





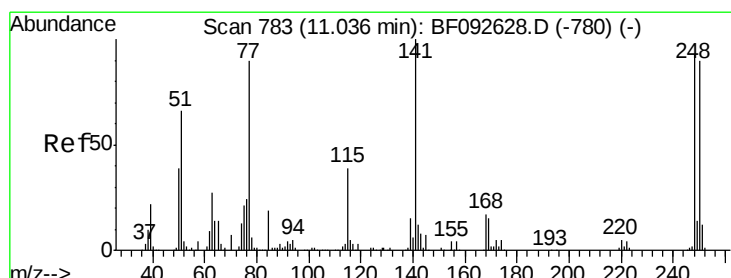
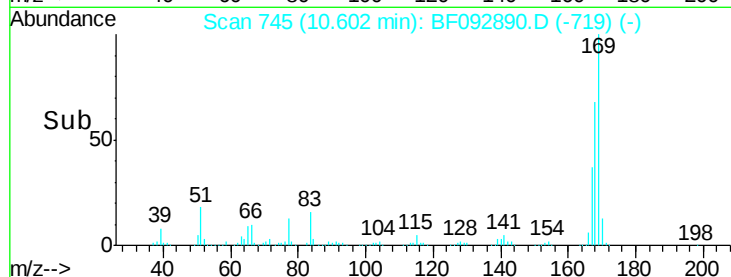
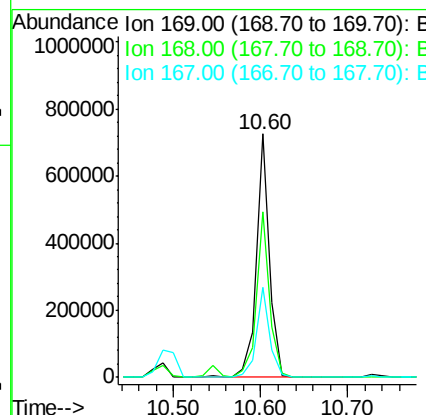
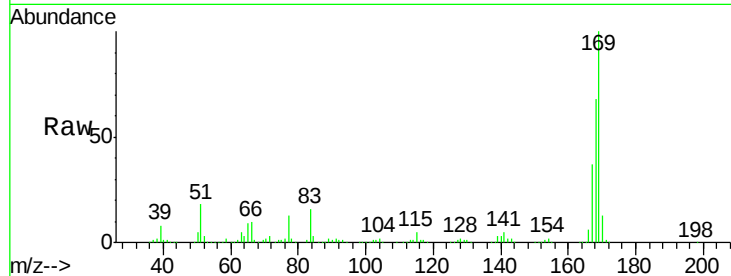
#65
n-Nitrosodiphenylamine
Concen: 39.22 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	768633		
168	68.0		54.2	81.2
167	37.2		30.2	45.4

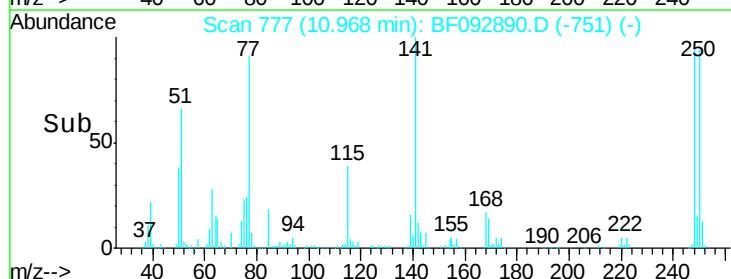
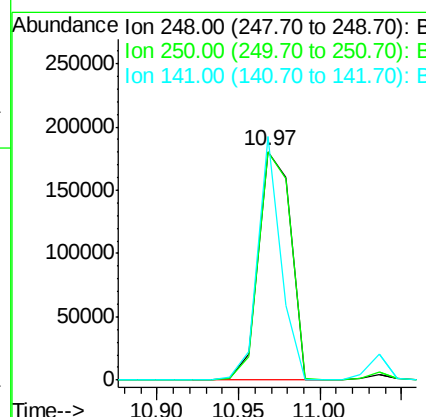
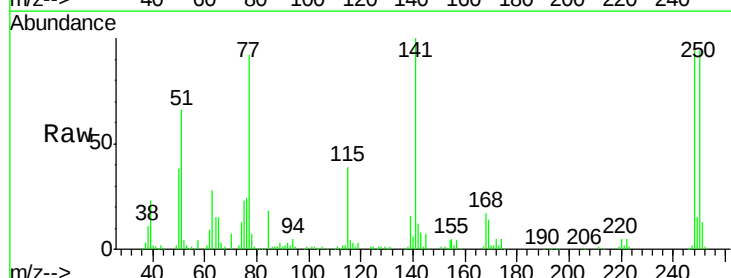
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 38.90 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	249324		
250	99.8		76.9	115.3
141	106.4		68.2	102.4#





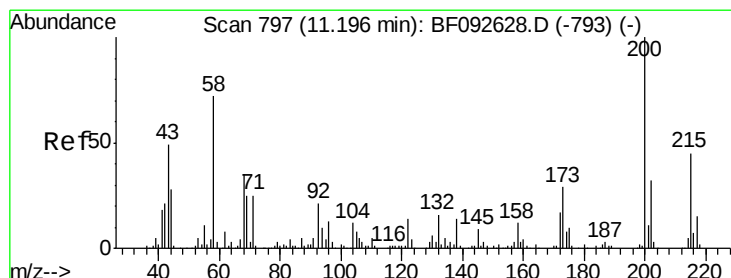
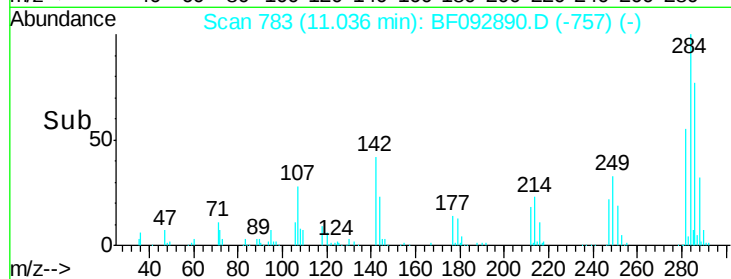
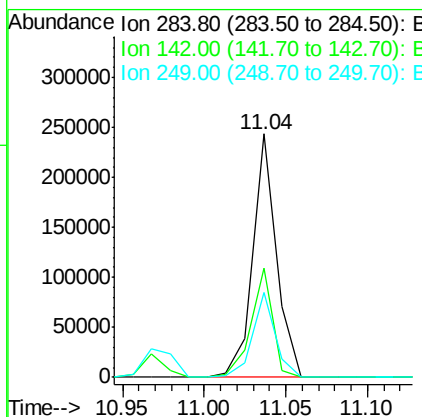
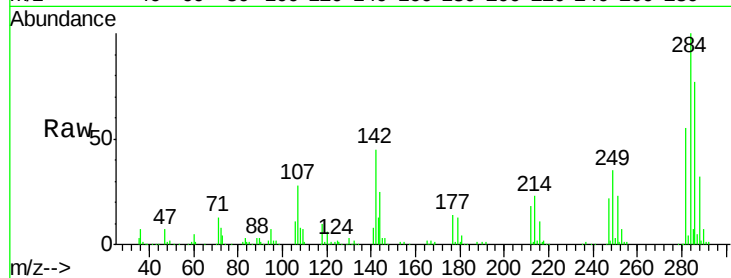
#67
Hexachlorobenzene
Concen: 38.70 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	44.6	22.6	33.8
249	34.9	25.4	38.0

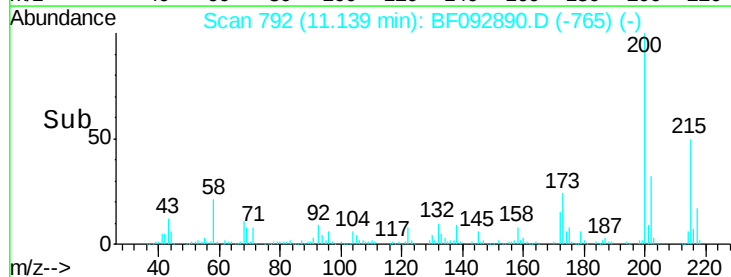
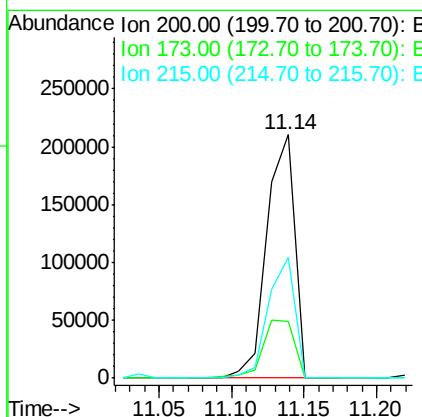
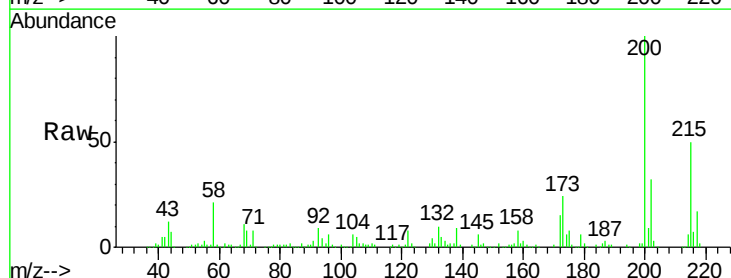
Manual Integrations
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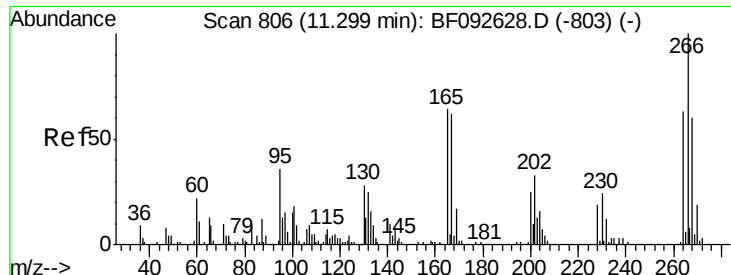
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#68
Atrazine
Concen: 44.52 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.6	9.6	49.6
215	49.6	25.7	65.7





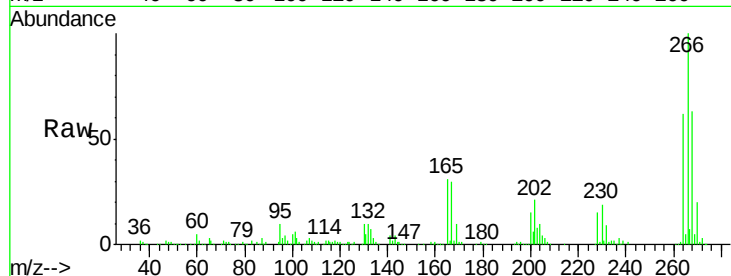
#69
 Pentachlorophenol
 Concen: 89.07 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

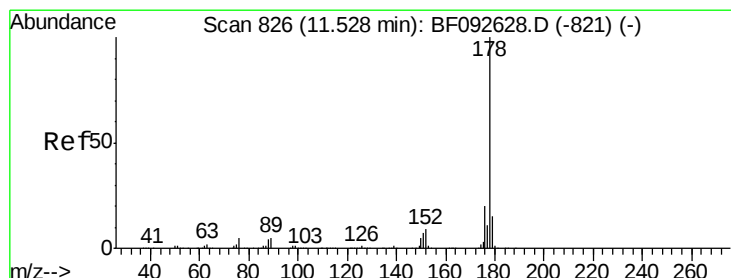
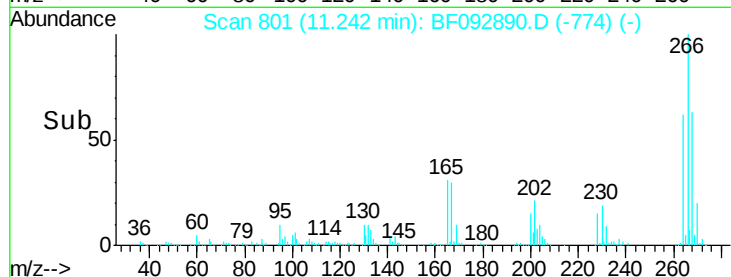
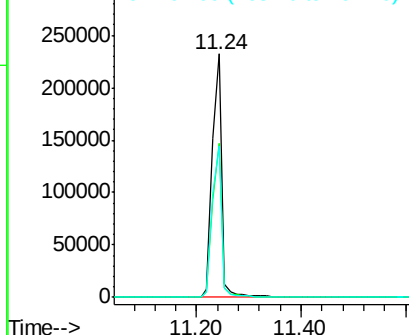
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	53.3	79.9
264	62.3	50.3	75.5

Manual Integrations
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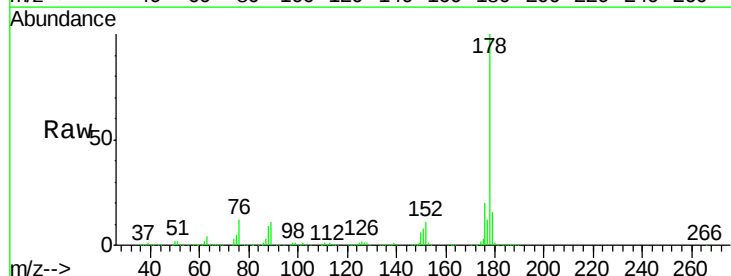


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

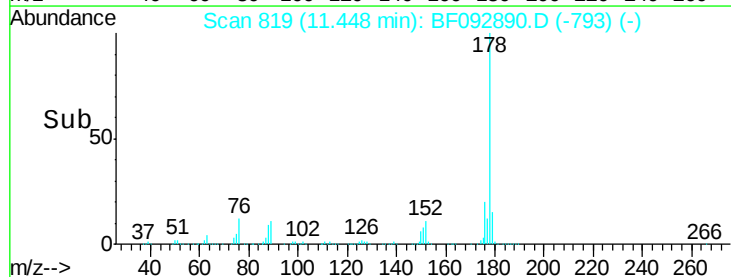
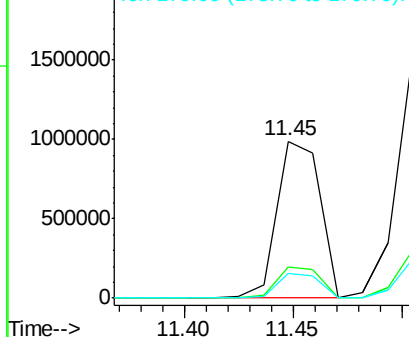


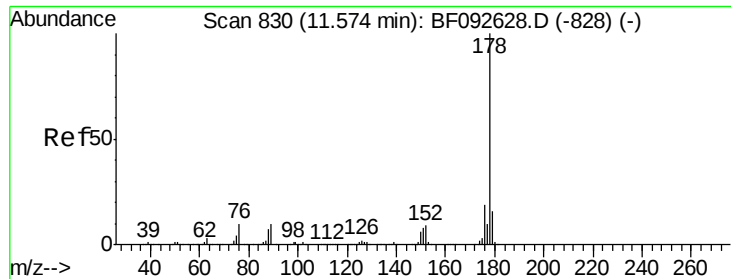
#70
 Phenanthrene
 Concen: 39.06 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

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



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





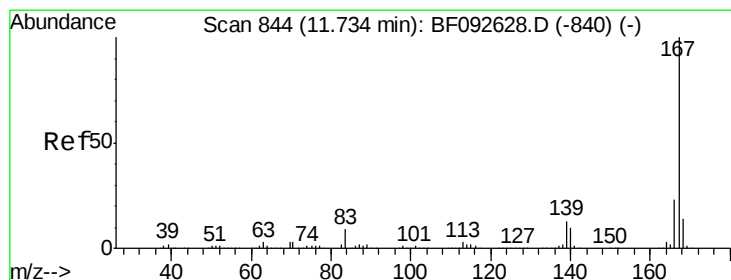
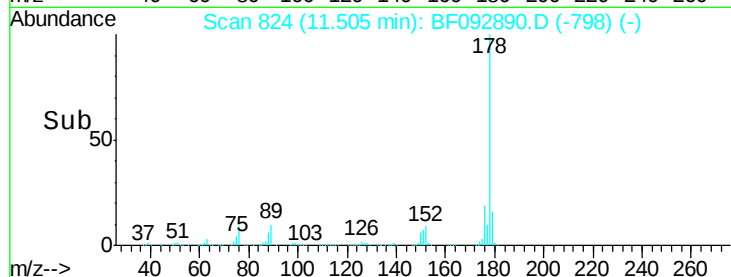
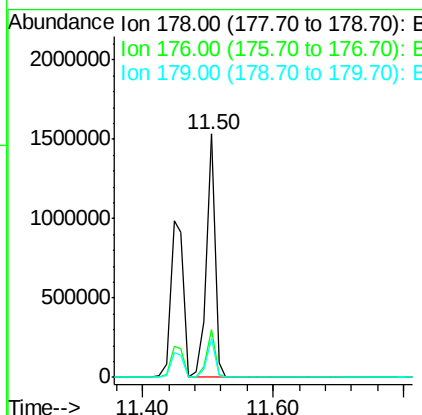
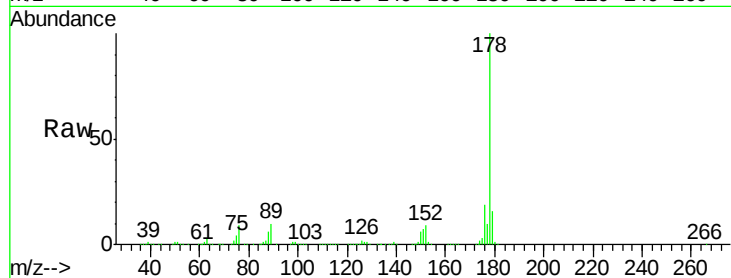
#71
 Anthracene
 Concen: 39.22 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:178 Resp: 1384129
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.2 19.8

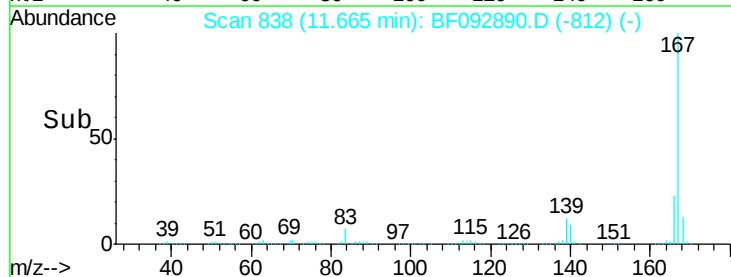
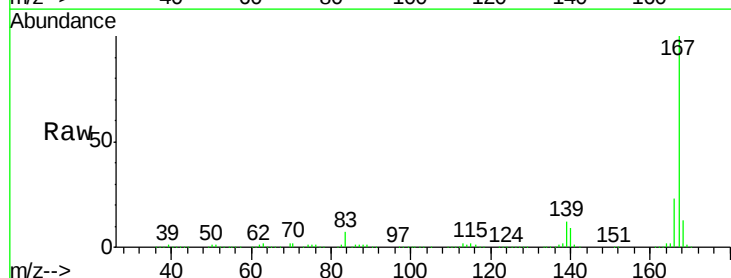
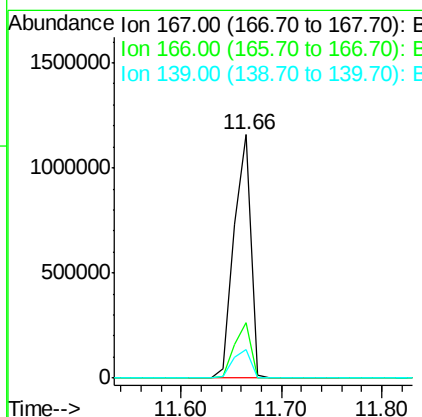
Manual Integrations
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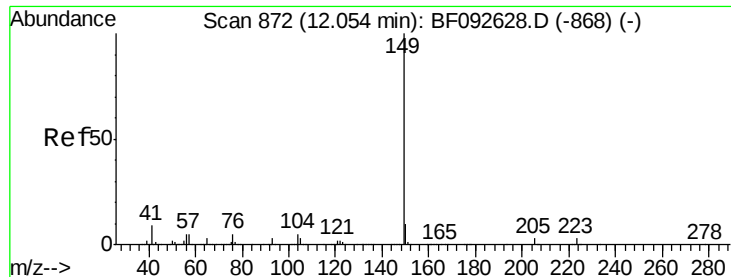
mohammad
 2/13/2017 12:40:46 PM



#72
 Carbazole
 Concen: 39.92 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:167 Resp: 1346845
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.13 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

Tgt Ion:149 Resp: 1464085

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

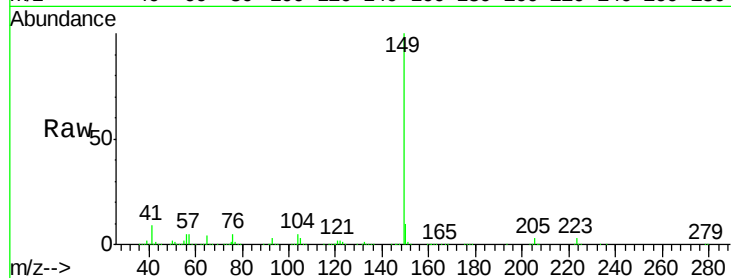
104 4.7 4.6 7.0

Manual Integrations

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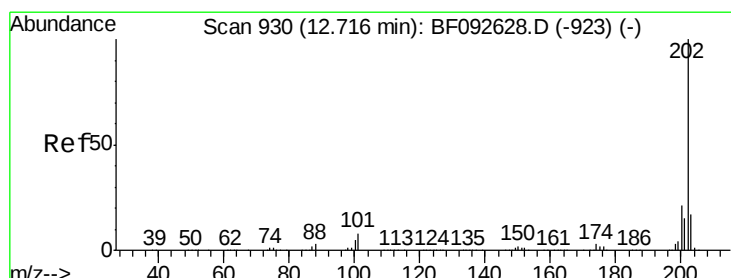
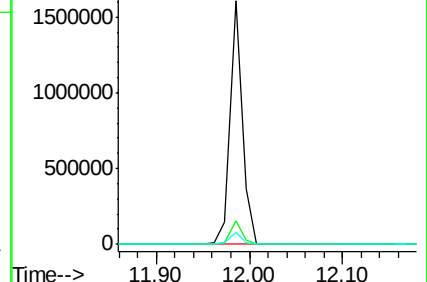
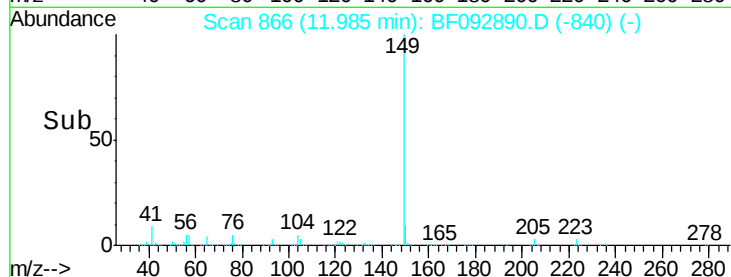
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.35 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

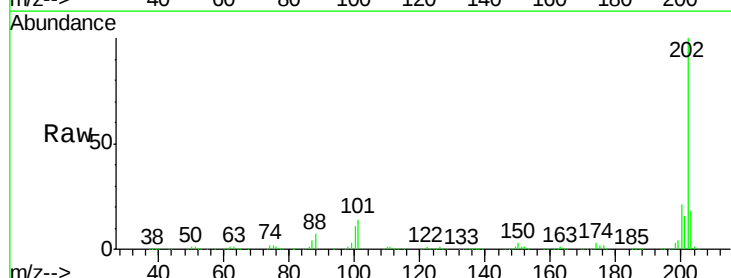
Tgt Ion:202 Resp: 1281547

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

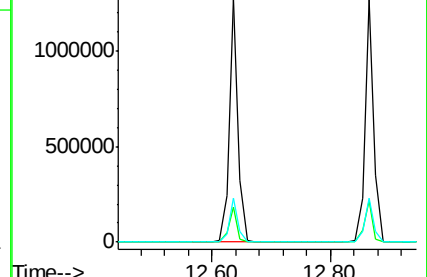
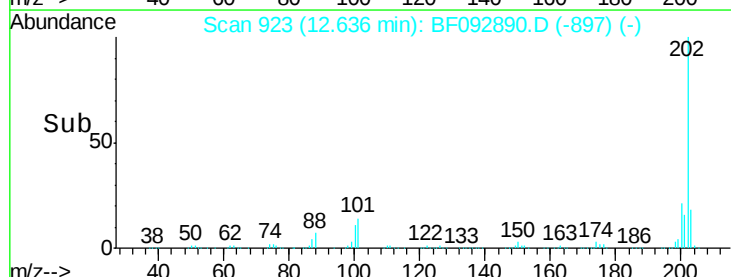
203 17.8 0.0 38.7

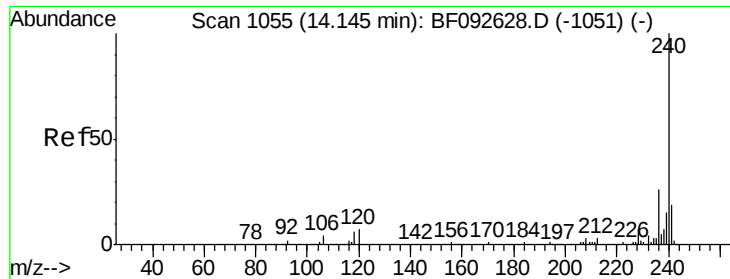


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





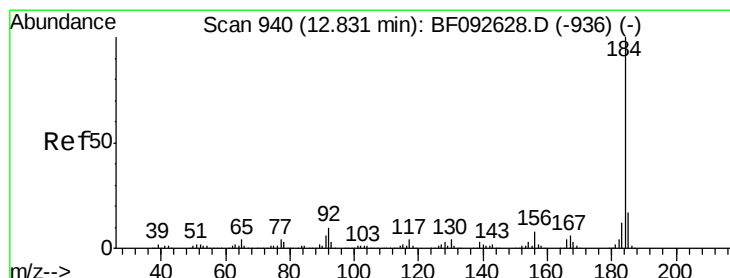
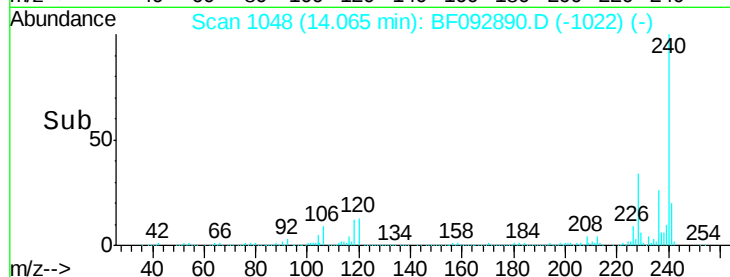
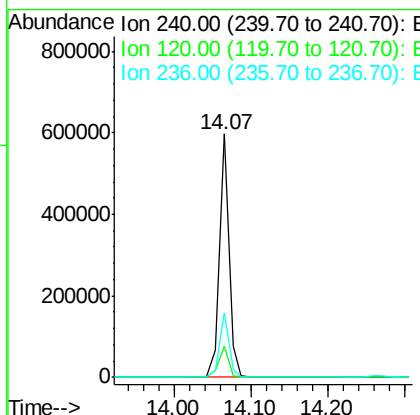
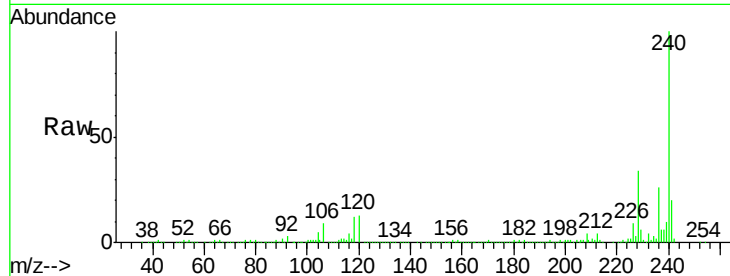
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.9	19.3#
236	26.3	20.9	31.3

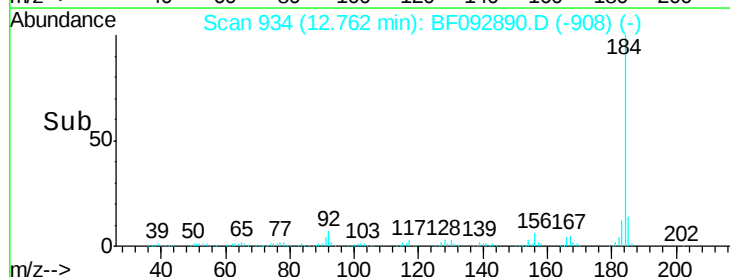
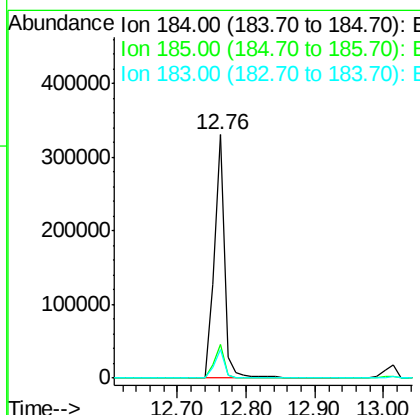
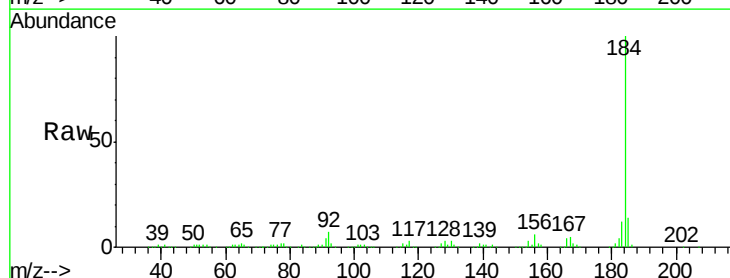
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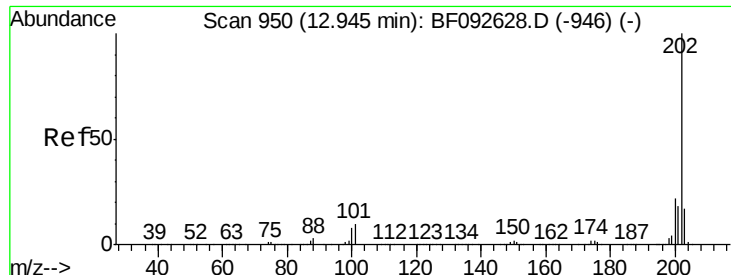
mohammad
2/13/2017 12:40:46 PM



#76
Benzidine
Concen: 16.10 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.9	9.2	13.8





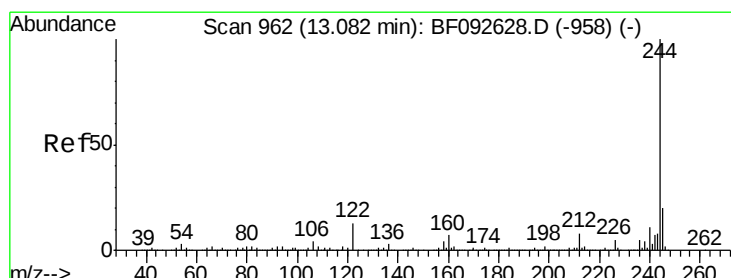
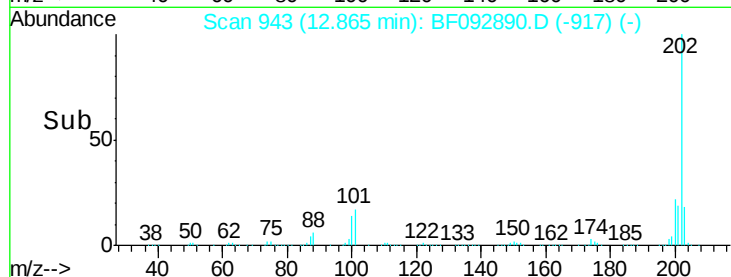
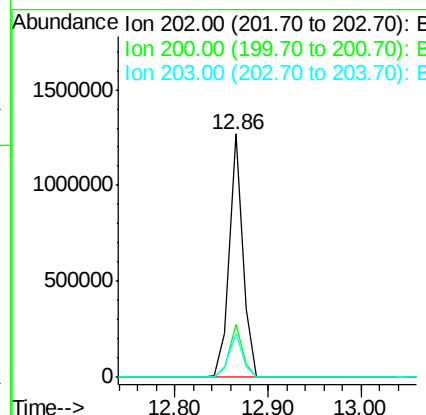
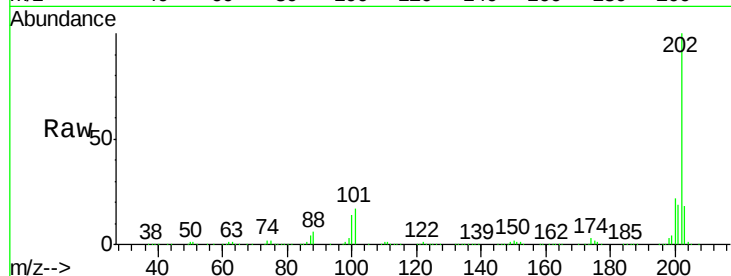
#77
 Pyrene
 Concen: 33.30 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion: 202 Resp: 1284280
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 18.0 14.7 22.1

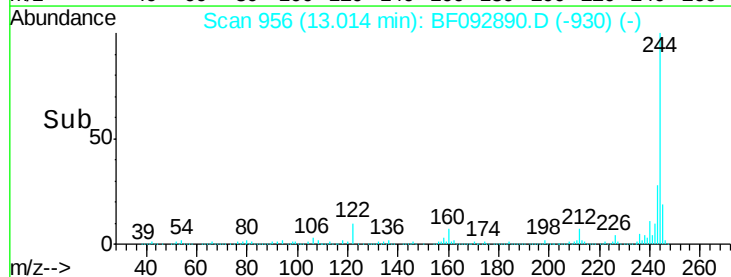
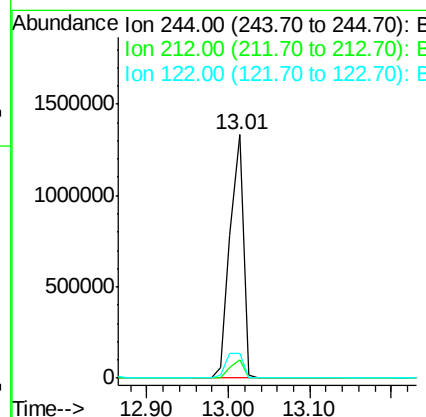
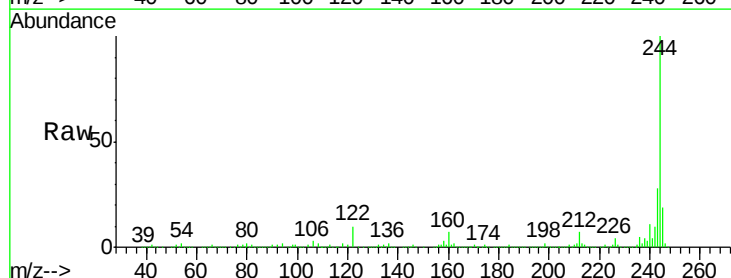
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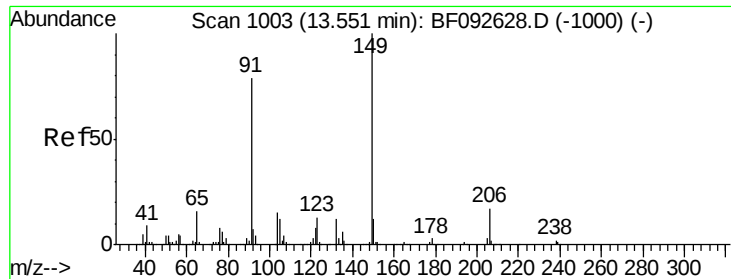
mohammad
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#78
 Terphenyl-d14
 Concen: 68.94 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion: 244 Resp: 1512285
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.9 11.4 17.2#





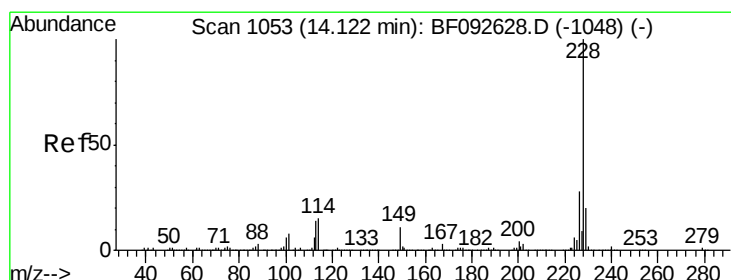
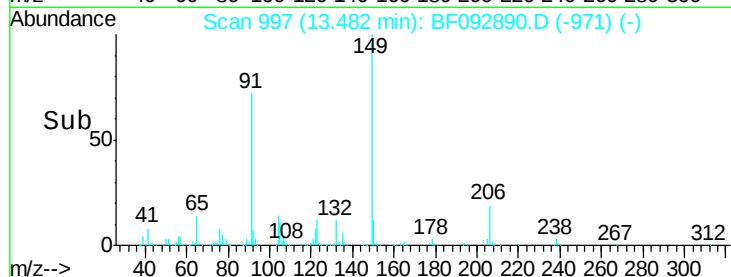
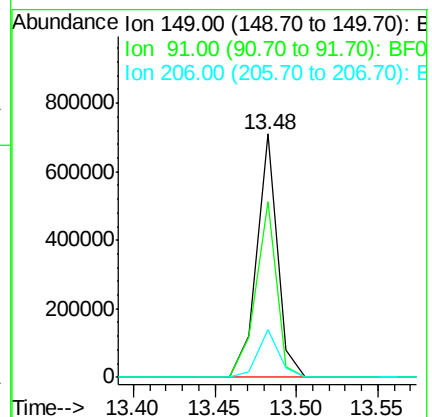
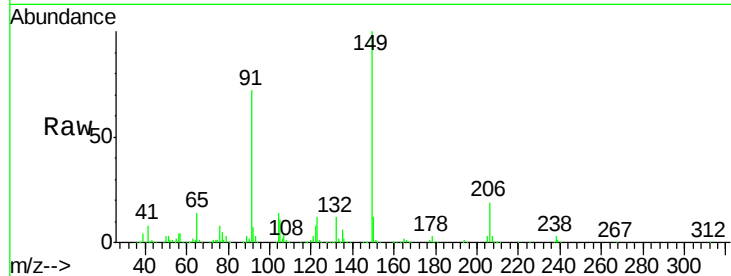
#79
Butylbenzylphthalate
Concen: 40.02 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	626852		
91	72.1	63.9	95.9	
206	19.5	14.6	21.8	

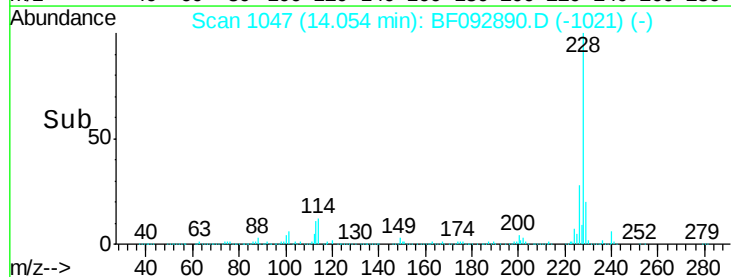
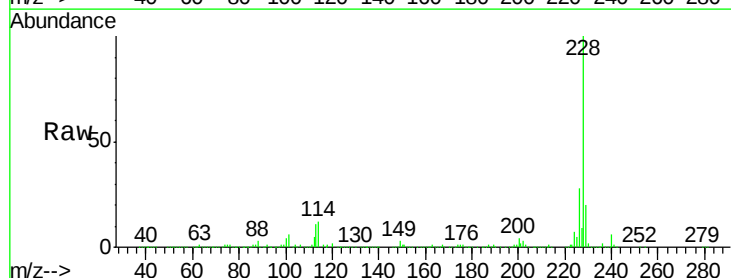
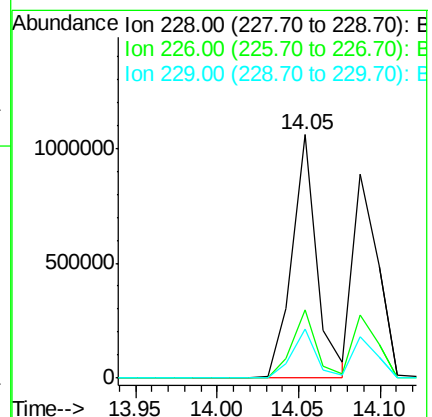
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#80
Benzo(a)anthracene
Concen: 35.76 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1127321		
226	28.1	22.4	33.6	
229	20.2	16.2	24.4	





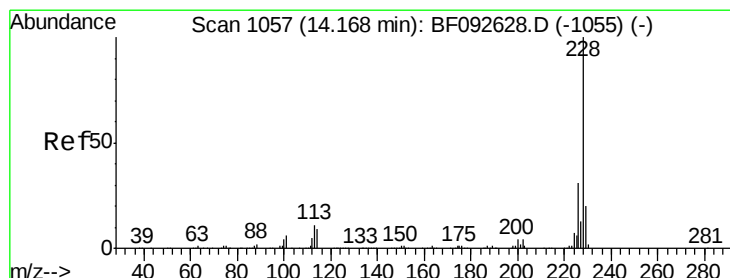
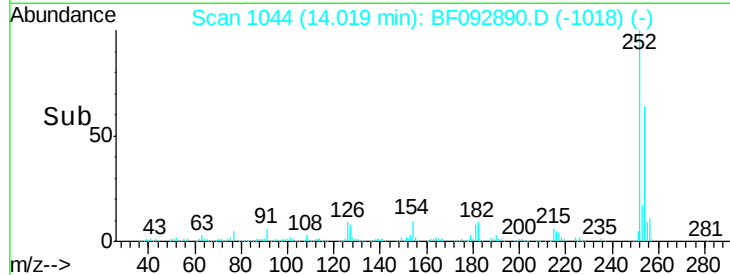
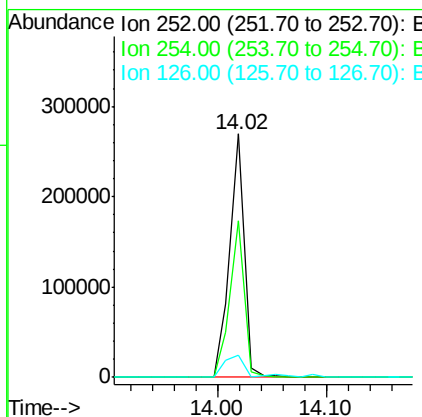
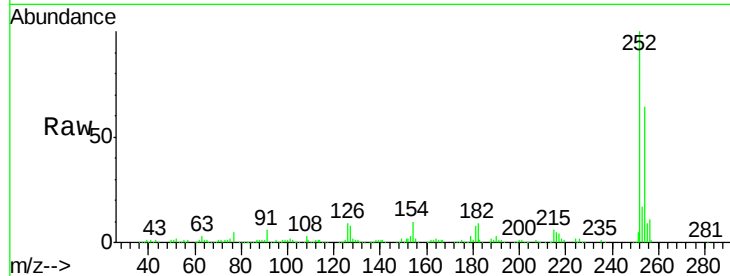
#81
 3,3'-Dichlorobenzidine
 Concen: 22.43 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	52.3	78.5
126	8.9	13.6	20.4

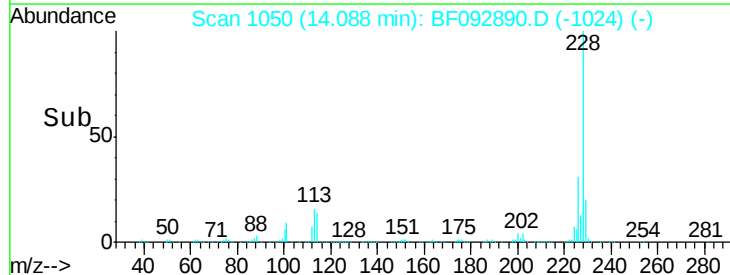
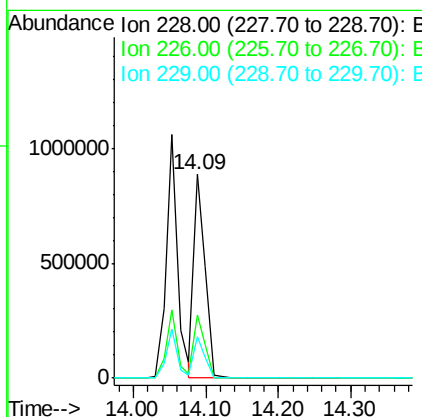
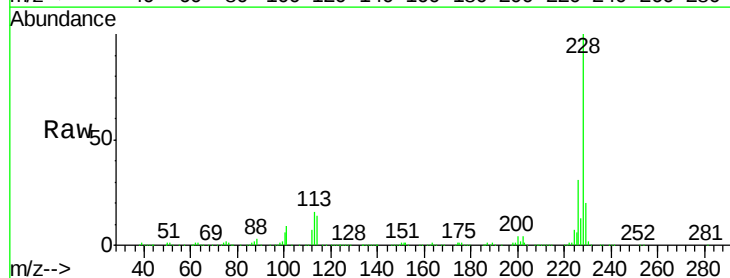
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#82
 Chrysene
 Concen: 32.66 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.30 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

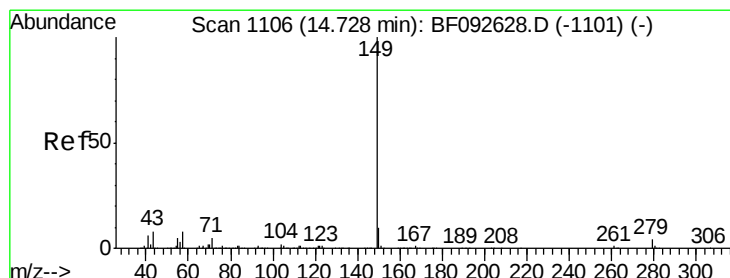
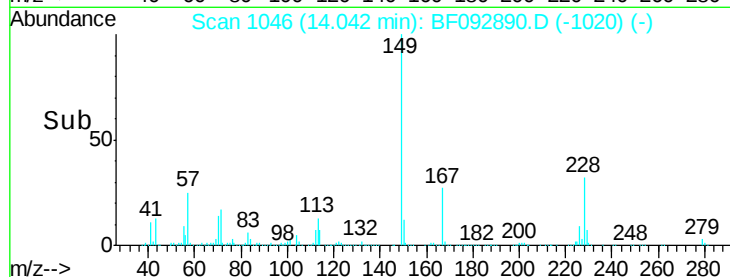
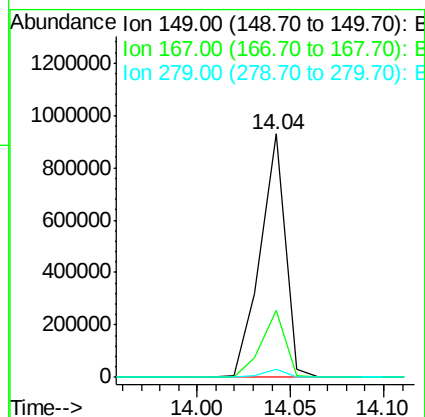
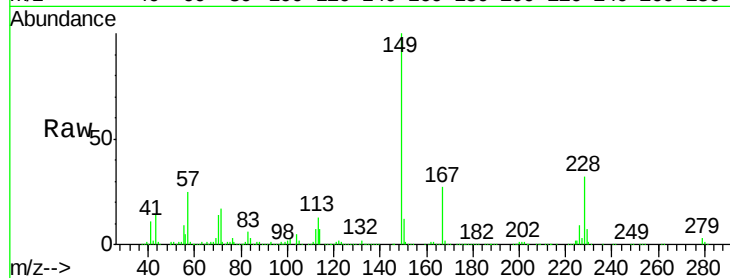
ClientSampleId :

PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	884655		
167	27.4	20.2	30.4	
279	3.3	1.8	2.8#	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.09 ng

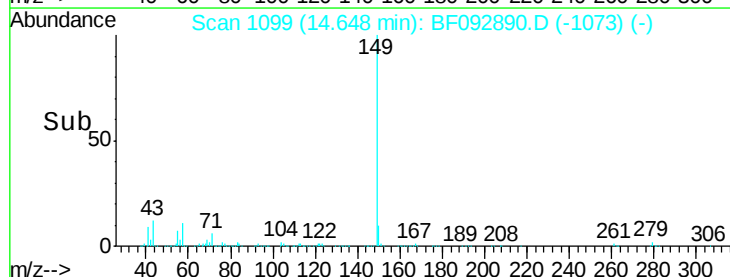
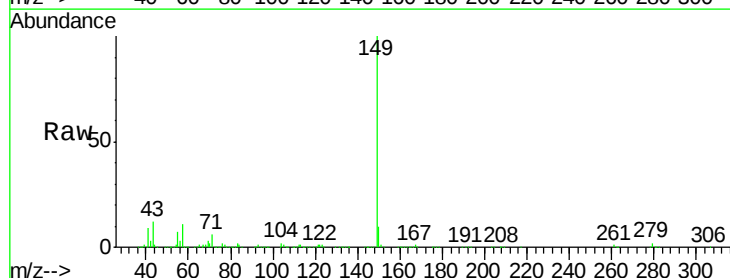
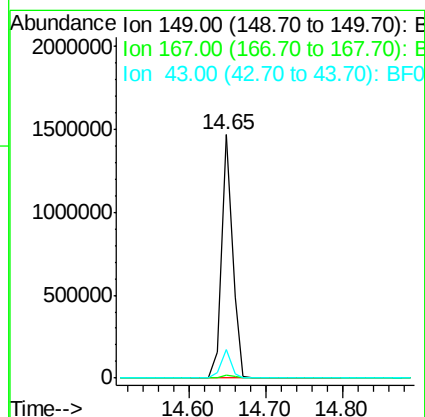
RT: 14.65 min Scan# 1099

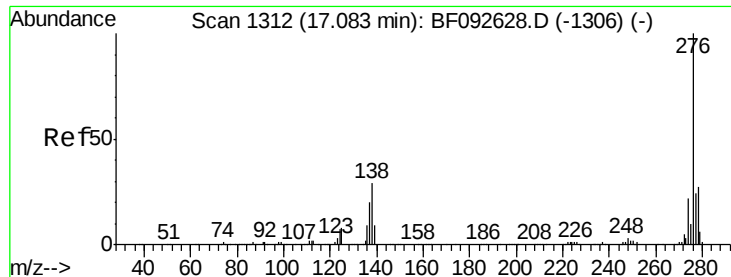
Delta R.T. 0.00 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1468204		
167	1.6	1.3	1.9	
43	11.0	8.9	13.3	





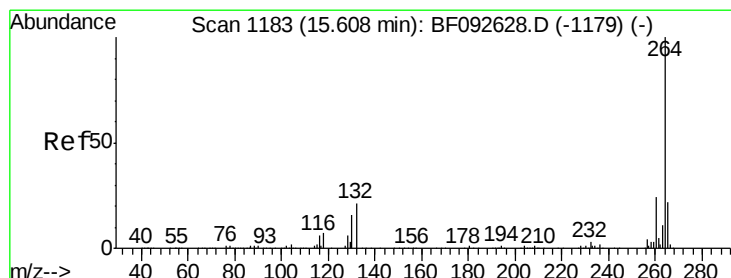
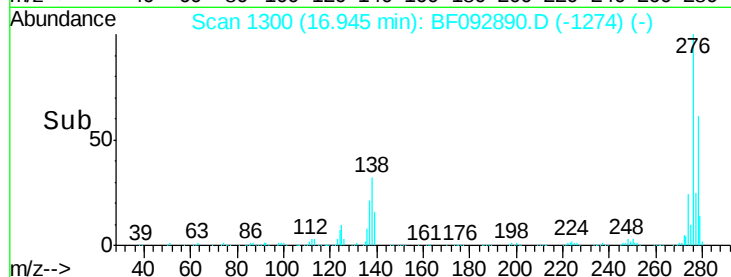
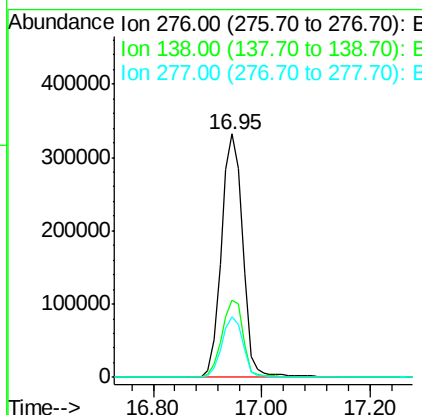
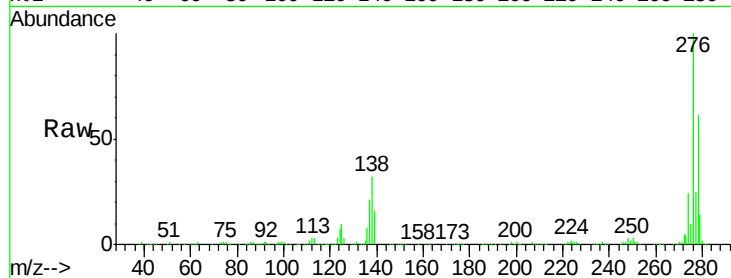
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.90 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	912193		
138	32.1	21.8	32.6	
277	24.8	20.2	30.4	

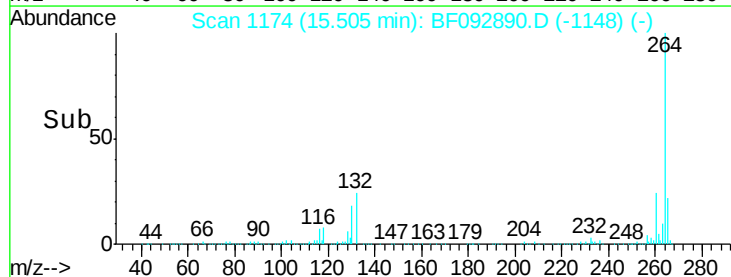
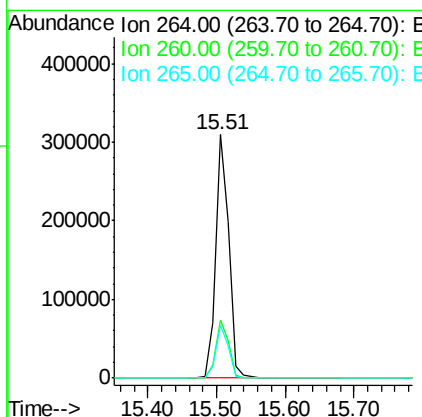
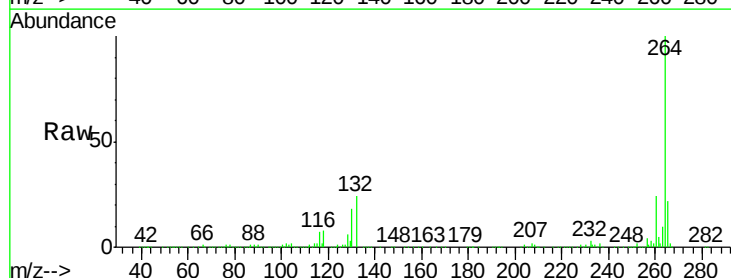
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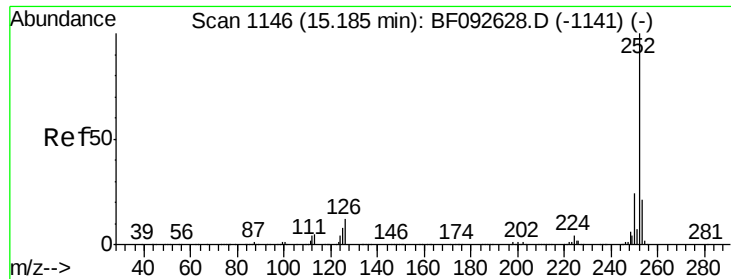
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	416961		
260	24.0	19.2	28.8	
265	21.7	17.4	26.0	





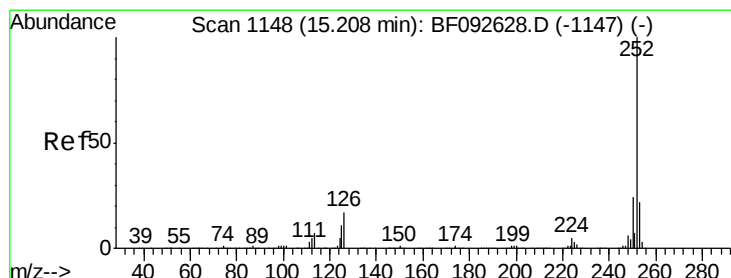
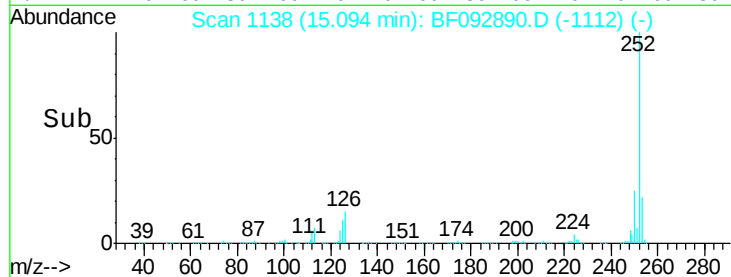
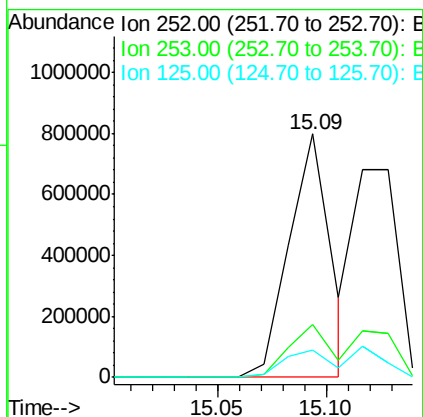
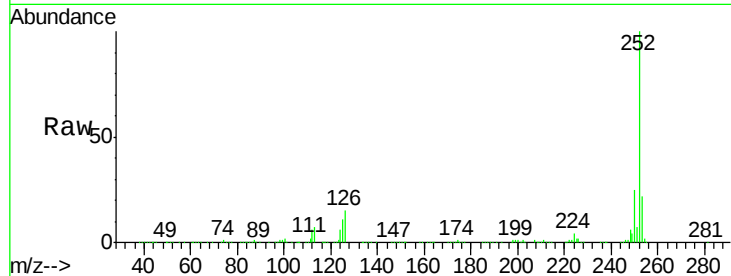
#87
Benzo(b)fluoranthene
Concen: 38.51 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion:252 Resp: 1056834
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.0 9.8 14.6

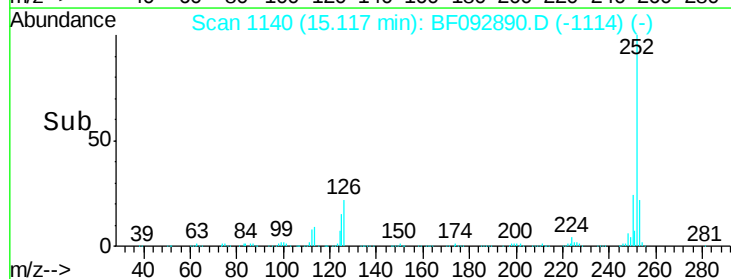
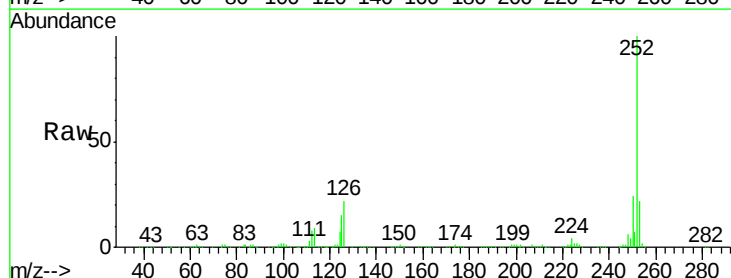
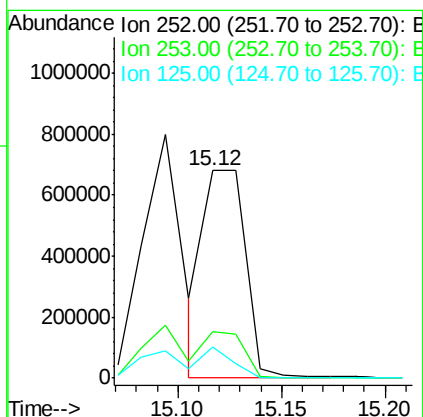
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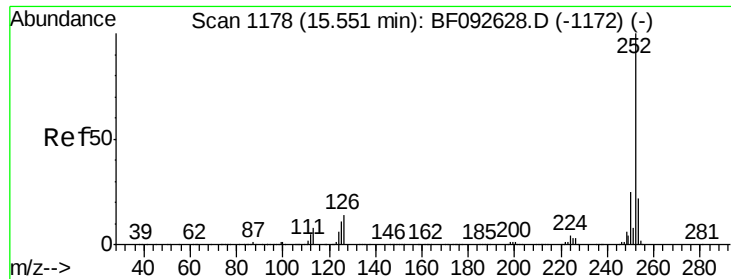
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#88
Benzo(k)fluoranthene
Concen: 41.00 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:252 Resp: 971474
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 14.8 8.9 13.3#





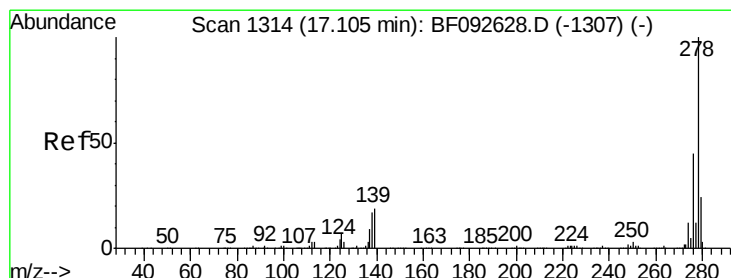
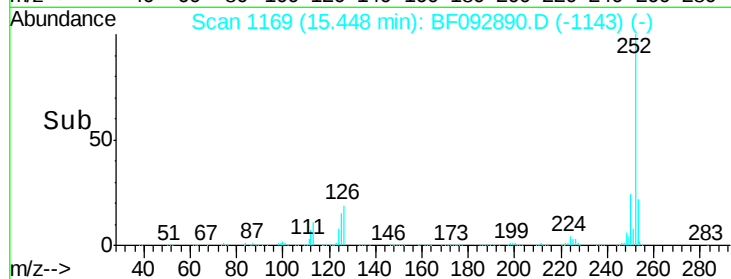
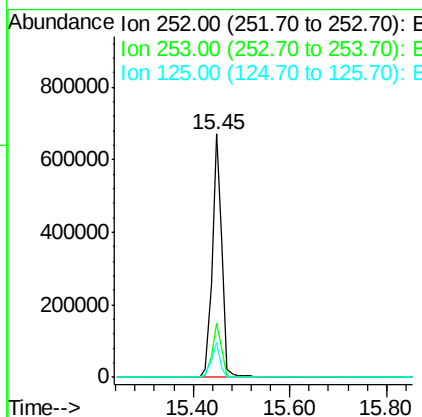
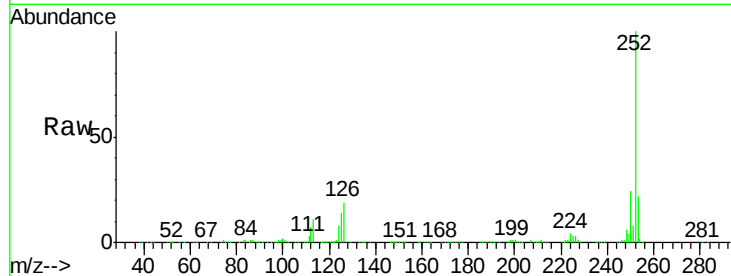
#89
Benzo(a)pyrene
Concen: 39.90 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.5	10.0	15.0

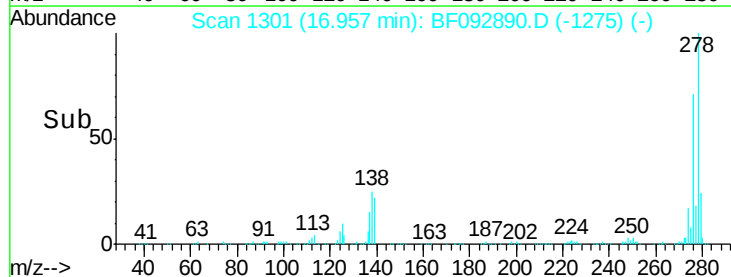
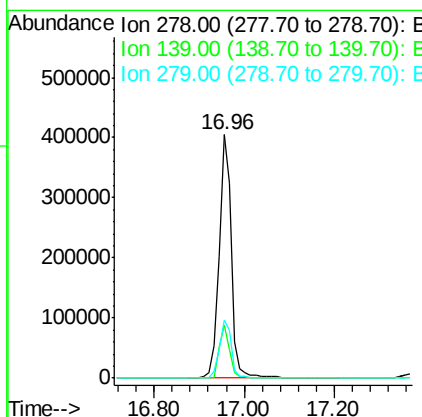
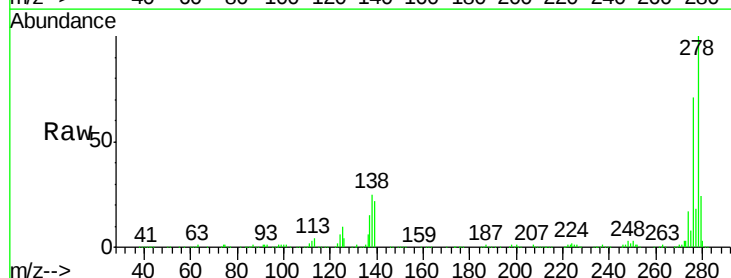
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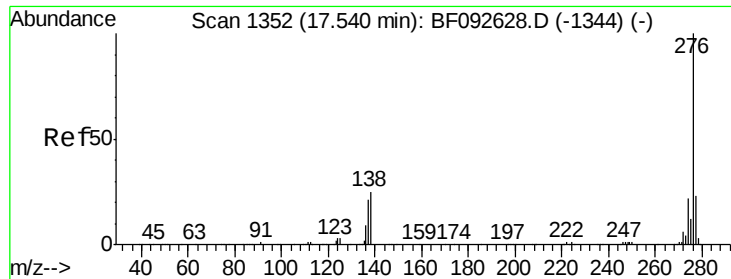
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#90
Dibenzo(a,h)anthracene
Concen: 39.99 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.8	22.2
279	24.0	19.8	29.6





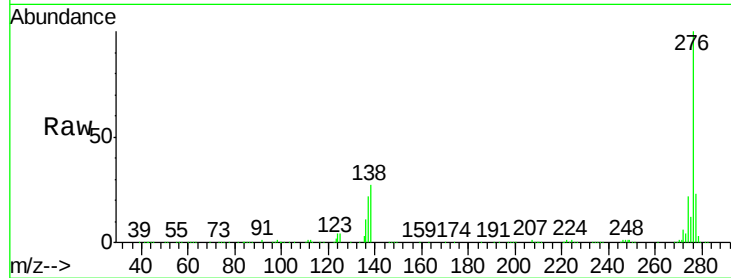
#91
 Benzo(g,h,i)perylene
 Concen: 39.57 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	19.2	28.8
138	26.7	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

