

Data Path : Z:\HPCHEM1\BNA_F\Data\BF090816\
 Data File : BF090047.D
 Acq On : 9 Sep 2016 1:59
 Operator : UM/SJ
 Sample : H4680-13MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Manual Integrations
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 9/9/2016 11:19:18 AM

Quant Time: Sep 09 09:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175985	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	687633	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	326166	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	540634	20.00	ng	0.00
75) Chrysene-d12	13.73	240	393723	20.00	ng	0.00
86) Perylene-d12	15.06	264	305267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1382171	125.71	ng	0.02
7) Phenol-d6	6.26	99	1582640	118.47	ng	0.01
23) Nitrobenzene-d5	7.18	82	1017117	85.78	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	342439	106.42	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1680165	84.56	ng	0.00
78) Terphenyl-d14	12.69	244	1317307	82.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	140130	26.90	ng	# 93
3) Pyridine	2.70	79	385062	27.71	ng	98
4) n-Nitrosodimethylamine	2.64	42	234561	34.22	ng	99
6) Aniline	6.28	93	505955	27.76	ng	# 76
8) 2-Chlorophenol	6.39	128	449998	37.73	ng	95
9) Benzaldehyde	6.14	77	60225	6.99	ng	90
10) Phenol	6.27	94	596524	38.40	ng	# 78
11) bis(2-Chloroethyl)ether	6.35	93	477107	40.58	ng	87
12) 1,3-Dichlorobenzene	6.54	146	472812m	35.49	ng	
13) 1,4-Dichlorobenzene	6.62	146	503076	36.91	ng	99
14) 1,2-Dichlorobenzene	6.78	146	473603	38.76	ng	96
15) Benzyl Alcohol	6.75	79	321704	38.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	807288	36.01	ng	93
17) 2-Methylphenol	6.88	107	336891	35.37	ng	98
18) Hexachloroethane	7.12	117	148502	31.81	ng	# 77
19) n-Nitroso-di-n-propylamine	7.04	70	323625	37.17	ng	98
20) 3+4-Methylphenols	7.04	107	441008	38.19	ng	# 72
22) Acetophenone	7.03	105	569452	36.91	ng	# 91
24) Nitrobenzene	7.19	77	424353	33.66	ng	98
25) Isophorone	7.44	82	865331	35.89	ng	97
26) 2-Nitrophenol	7.51	139	195056	32.37	ng	96
27) 2,4-Dimethylphenol	7.56	122	406030	36.43	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	550372	37.85	ng	99
29) 2,4-Dichlorophenol	7.76	162	395389	39.57	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	438321	40.12	ng	100
31) Naphthalene	7.91	128	1241651	36.25	ng	100
32) Benzoic acid	7.64	122	38465	5.12	ng	# 87
33) 4-Chloroaniline	7.98	127	444827	32.18	ng	97
34) Hexachlorobutadiene	8.03	225	233531	36.48	ng	99
35) Caprolactam	8.34	113	110867	35.15	ng	95
36) 4-Chloro-3-methylphenol	8.47	107	371238	35.08	ng	99
37) 2-Methylnaphthalene	8.60	142	936141	41.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	335975	35.16	ng	99
40) Hexachlorocyclopentadiene	8.75	237	124046	25.32	ng	95

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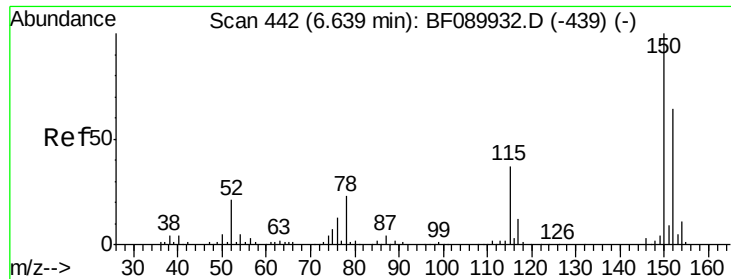
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	243821	36.82	ng	96
43) 2,4,5-Trichlorophenol	8.92	196	265181	41.64	ng	97
45) 1,1'-Biphenyl	9.06	154	907161	34.54	ng	99
46) 2-Chloronaphthalene	9.08	162	738640	39.76	ng	99
47) 2-Nitroaniline	9.19	65	250587	41.26	ng	90
48) Acenaphthylene	9.50	152	1131752	36.84	ng	99
49) Dimethylphthalate	9.38	163	1820701	77.23	ng	99
50) 2,6-Dinitrotoluene	9.44	165	188805	36.01	ng	# 64
51) Acenaphthene	9.67	154	702516	36.10	ng	99
52) 3-Nitroaniline	9.60	138	231405	38.70	ng	88
53) 2,4-Dinitrophenol	9.70	184	13625	8.92	ng	# 70
54) Dibenzofuran	9.84	168	1055219	40.46	ng	99
55) 4-Nitrophenol	9.77	139	237112	52.57	ng	# 60
56) 2,4-Dinitrotoluene	9.83	165	200653	30.18	ng	# 76
57) Fluorene	10.18	166	780276	40.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	213371	39.14	ng	93
59) Diethylphthalate	10.07	149	835873	37.69	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	367920	41.03	ng	96
61) 4-Nitroaniline	10.20	138	208936	35.56	ng	90
62) Azobenzene	10.33	77	812248	36.67	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	18048	5.21	ng	83
65) n-Nitrosodiphenylamine	10.30	169	670945	41.28	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	238055	43.74	ng	97
67) Hexachlorobenzene	10.72	284	218411	35.13	ng	97
68) Atrazine	10.83	200	214114	39.46	ng	95
69) Pentachlorophenol	10.93	266	232867	69.62	ng	99
70) Phenanthrene	11.13	178	1166781	43.34	ng	99
71) Anthracene	11.18	178	1119360	40.99	ng	99
72) Carbazole	11.34	167	985348	38.48	ng	99
73) Di-n-butylphthalate	11.69	149	1213304	40.66	ng	# 97
74) Fluoranthene	12.31	202	1308025	46.36	ng	98
76) Benzidine	12.45	184	158112	10.60	ng	97
77) Pyrene	12.53	202	1241560	44.72	ng	99
79) Butylbenzylphthalate	13.17	149	468005	41.80	ng	99
80) Benzo(a)anthracene	13.71	228	1027872	42.62	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	268240	30.82	ng	# 95
82) Chrysene	13.75	228	953277m	42.32	ng	
83) Bis(2-ethylhexyl)phthalate	13.74	149	668375	43.16	ng	99
84) Di-n-octyl phthalate	14.34	149	1071606	42.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	645462	38.76	ng	99
87) Benzo(b)fluoranthene	14.71	252	966490m	50.54	ng	
88) Benzo(k)fluoranthene	14.73	252	592832m	36.53	ng	
89) Benzo(a)pyrene	15.01	252	691821	42.22	ng	# 95
90) Dibenzo(a,h)anthracene	16.30	278	526957	43.89	ng	99
91) Benzo(g,h,i)perylene	16.64	276	544240	45.04	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

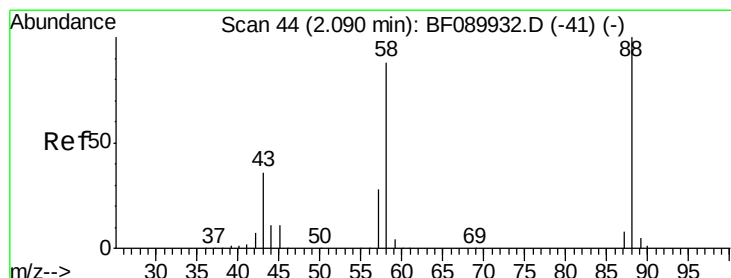
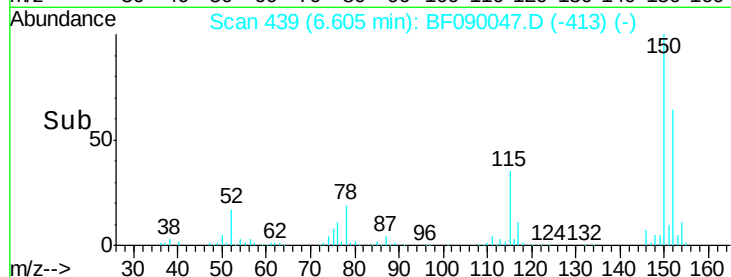
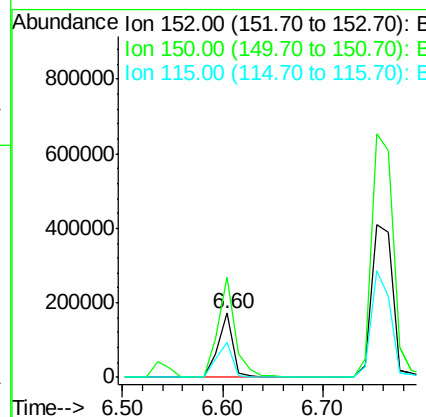
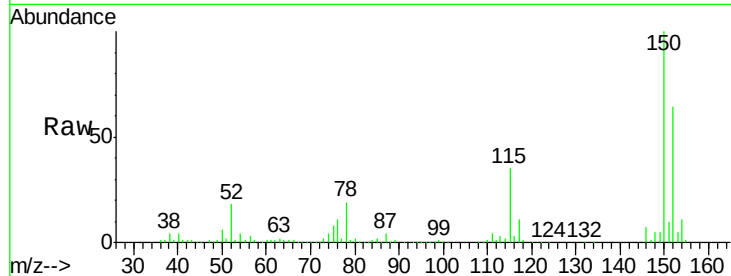
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.2
115	54.6	46.3	69.5

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#2

1,4-Dioxane

Concen: 26.90 ng

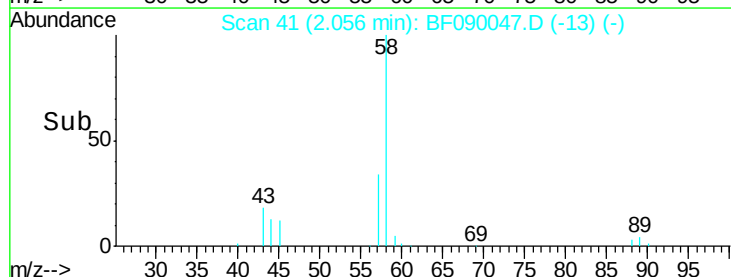
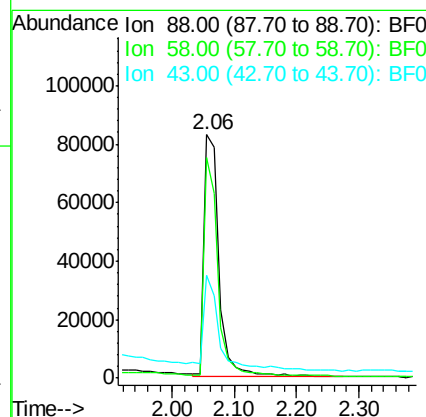
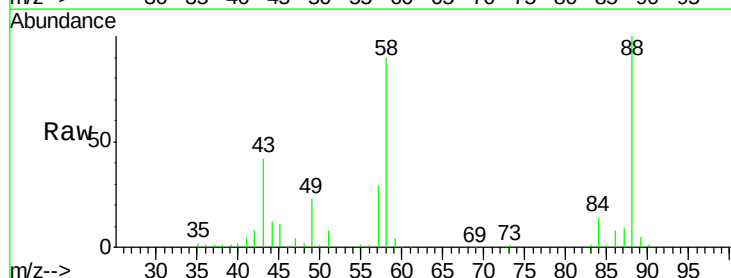
RT: 2.06 min Scan# 41

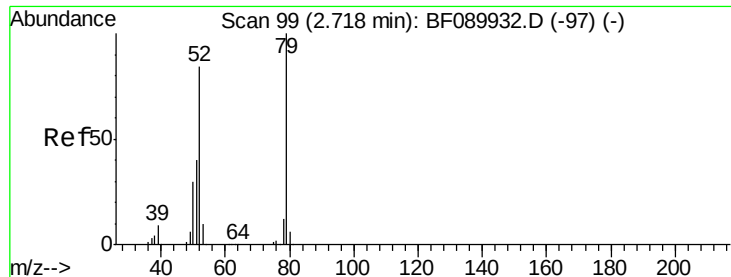
Delta R.T. 0.02 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	68.8	103.2
43	43.7	27.0	40.6





#3

Pyridine

Concen: 27.71 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.03 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

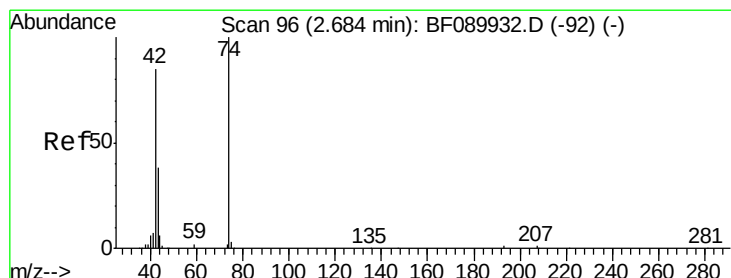
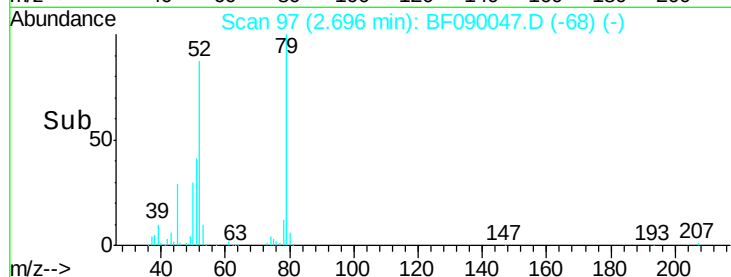
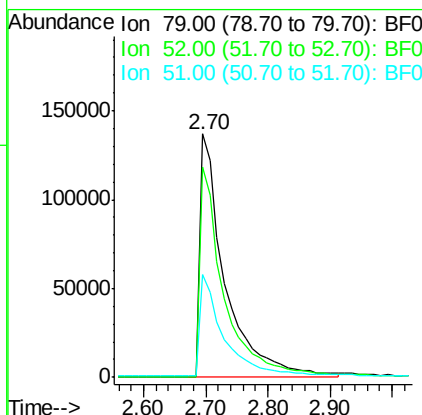
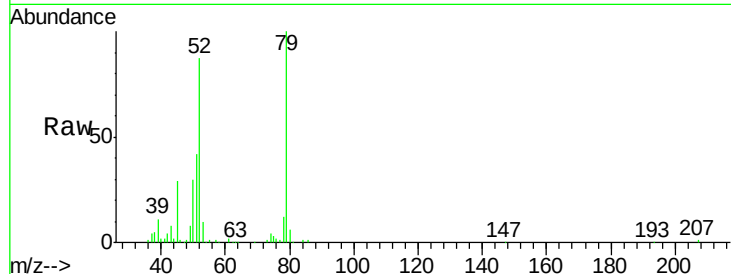
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	79	Resp:	385062
Ion	Ratio	Lower	Upper
79	100		
52	86.6	67.8	101.6
51	42.2	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 34.22 ng

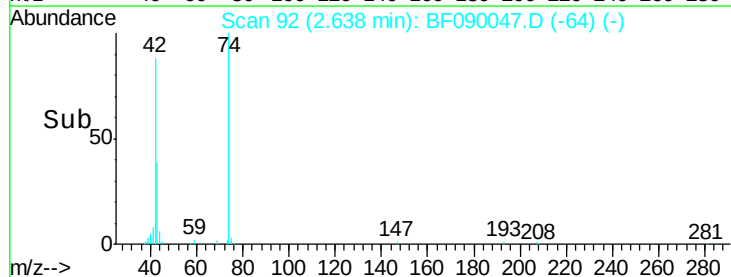
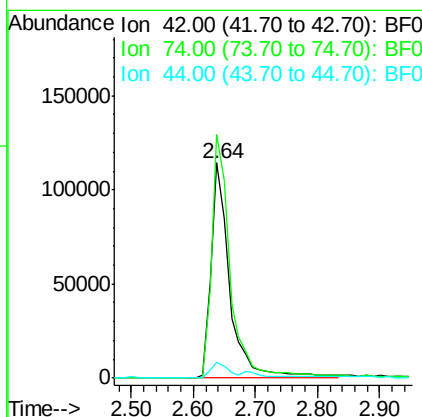
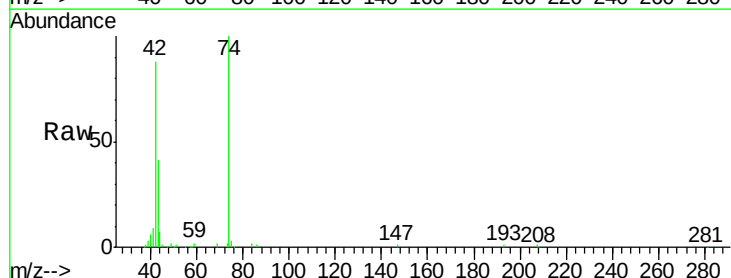
RT: 2.64 min Scan# 92

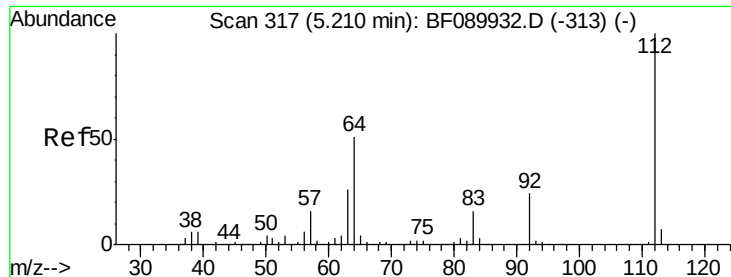
Delta R.T. 0.02 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	42	Resp:	234561
Ion	Ratio	Lower	Upper
42	100		
74	113.3	92.0	138.0
44	7.4	5.8	8.8





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

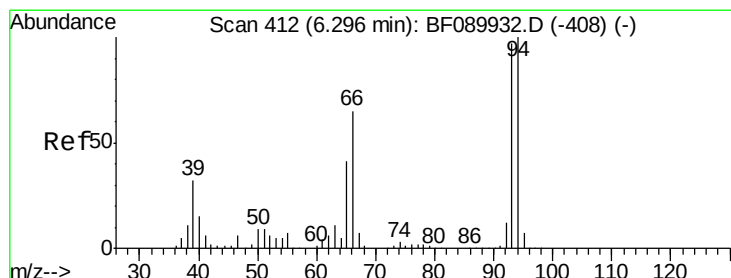
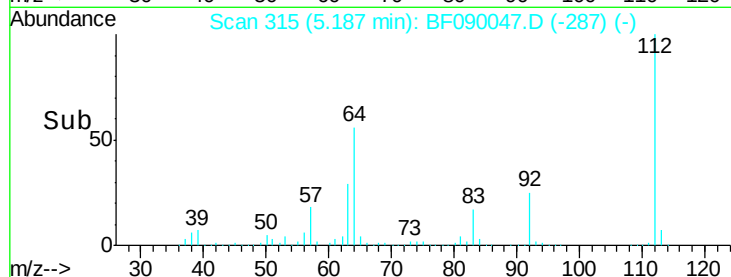
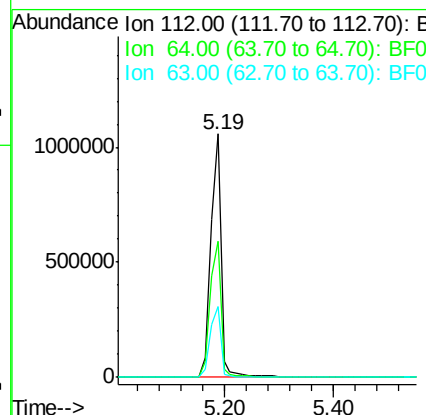
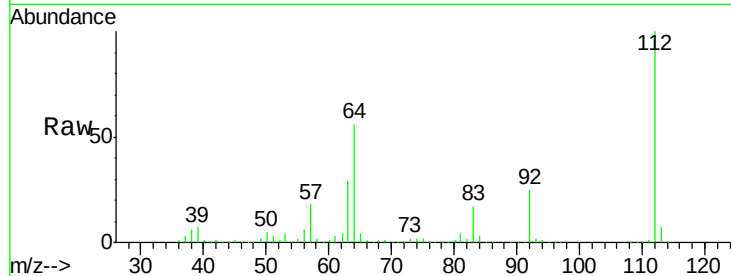
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	112	Resp:	1382171
Ion	Ratio	Lower	Upper
112	100		
64	56.1	41.1	61.7
63	29.0	21.2	31.8

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#6

Aniline

Concen: 27.76 ng

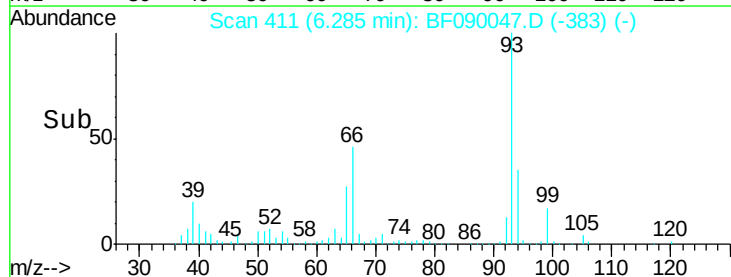
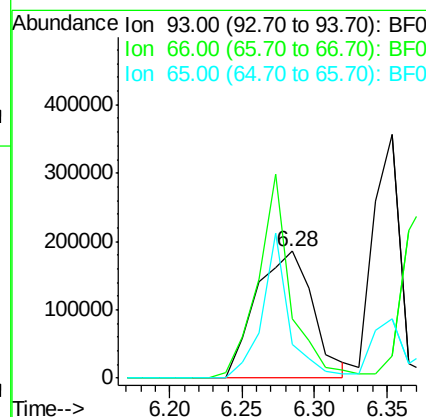
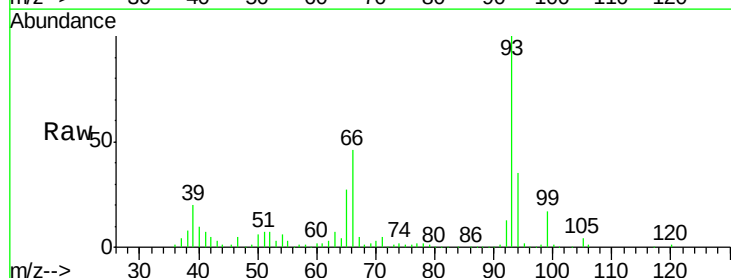
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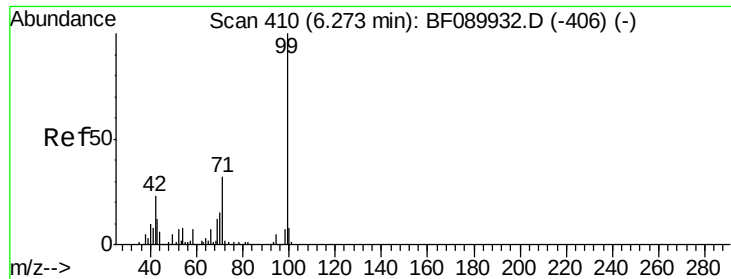
Delta R.T. 0.02 min

Lab File: BF090047.D

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Tgt Ion:	93	Resp:	505955
Ion	Ratio	Lower	Upper
93	100		
66	46.4	52.9	79.3#
65	26.6	33.0	49.6#





#7

Phenol-d6

Concen: 118.47 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 99 Resp: 1582640

Ion Ratio Lower Upper

99 100

42 22.6 18.6 27.8

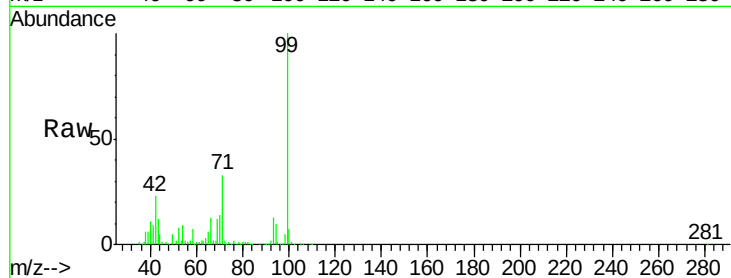
71 33.4 25.8 38.6

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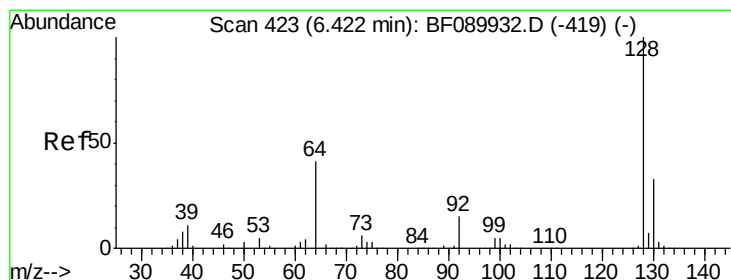
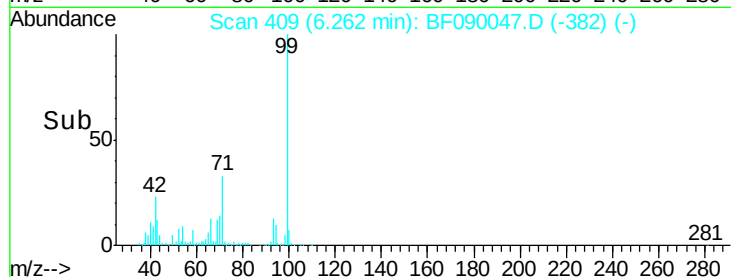
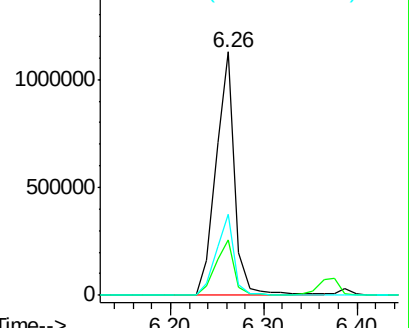
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.73 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

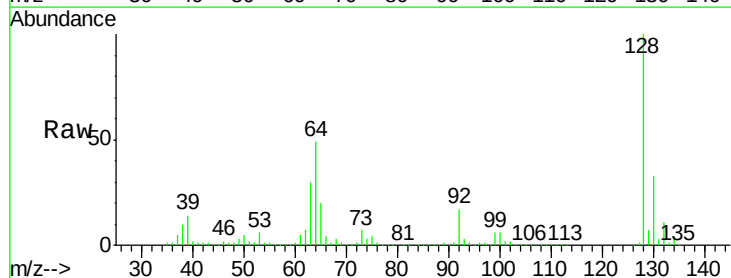
Tgt Ion: 128 Resp: 449998

Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

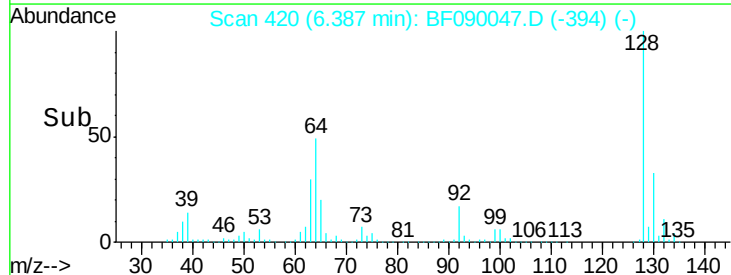
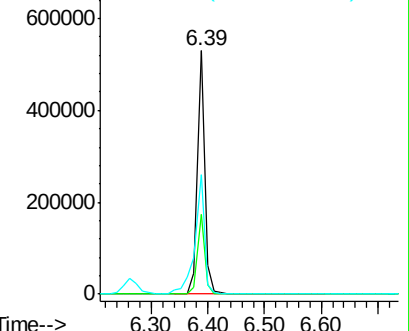
64 49.0 23.2 63.2

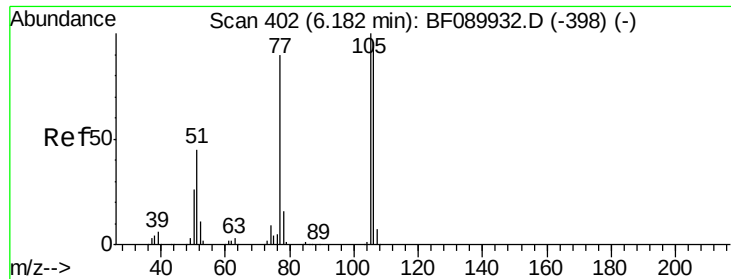


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.99 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

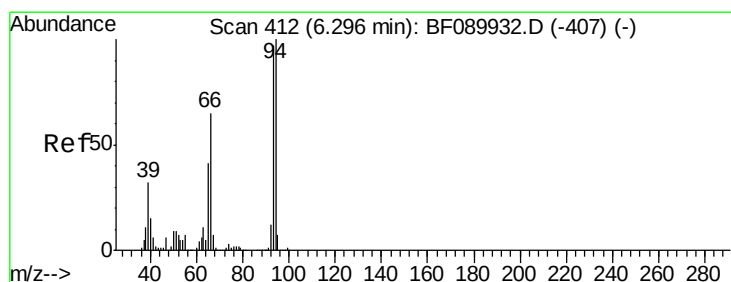
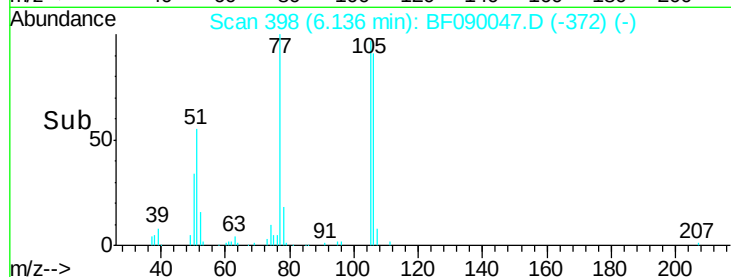
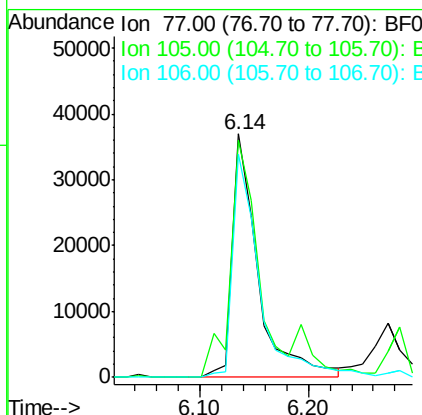
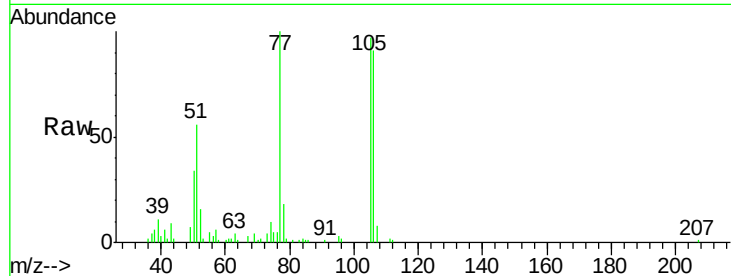
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	77	Resp:	60225
Ion	Ratio	Lower	Upper
77	100		
105	97.4	85.4	125.4
106	91.4	83.4	123.4

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#10

Phenol

Concen: 38.40 ng

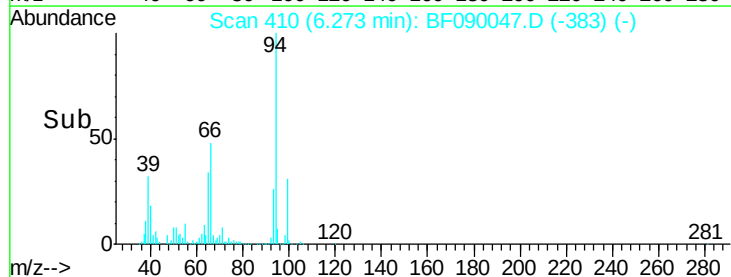
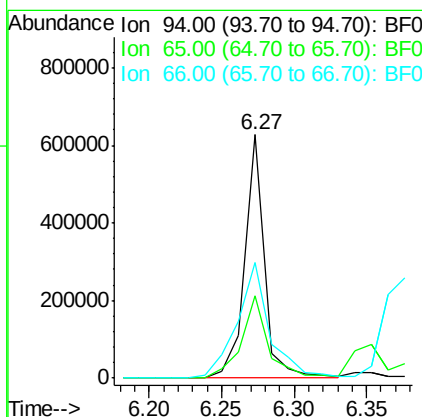
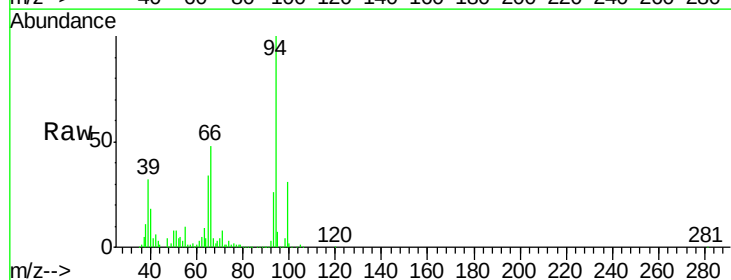
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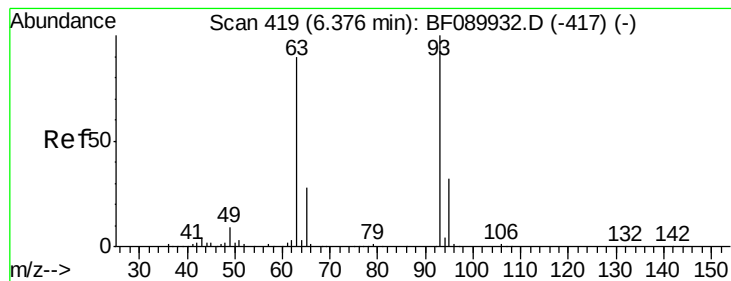
Delta R.T. 0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	94	Resp:	596524
Ion	Ratio	Lower	Upper
94	100		
65	33.8	23.2	63.2
66	47.6	49.2	89.2#





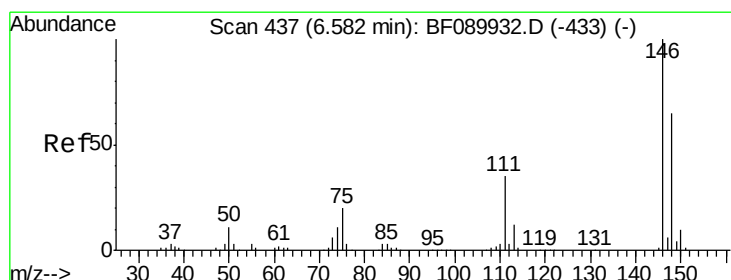
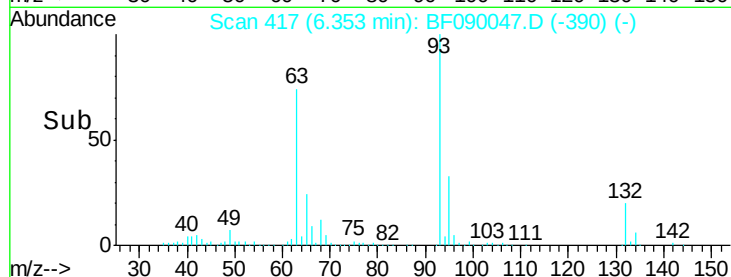
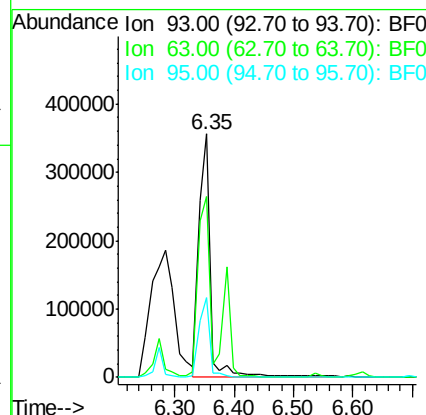
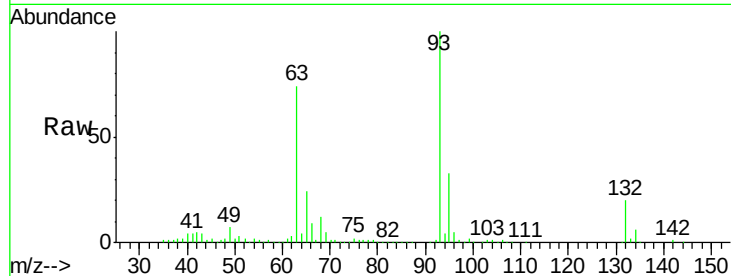
#11
bis(2-Chloroethyl)ether
Concen: 40.58 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.4	71.1	111.1
95	32.7	12.4	52.4

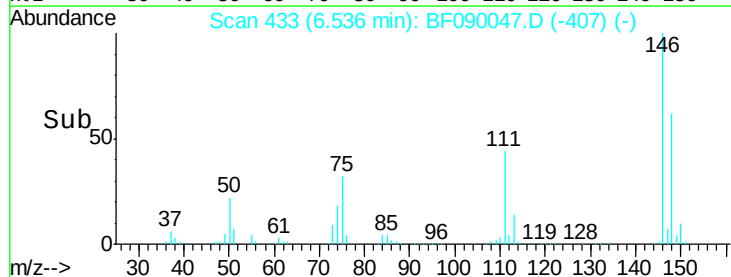
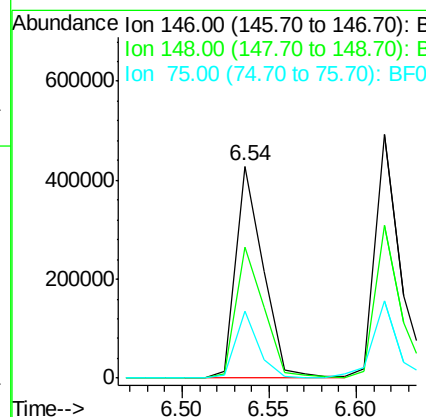
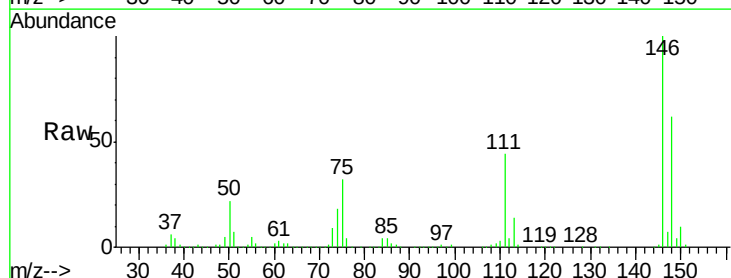
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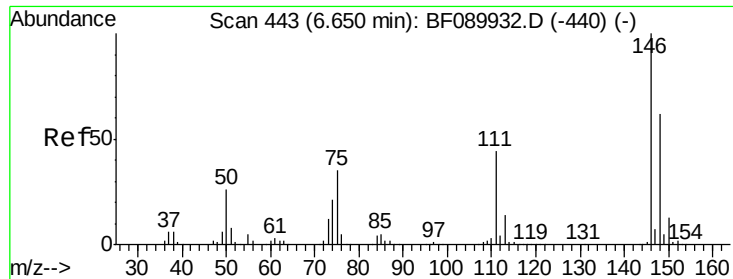
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#12
1,3-Dichlorobenzene
Concen: 35.49 ng m
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.5	78.7
75	31.6	16.6	24.8





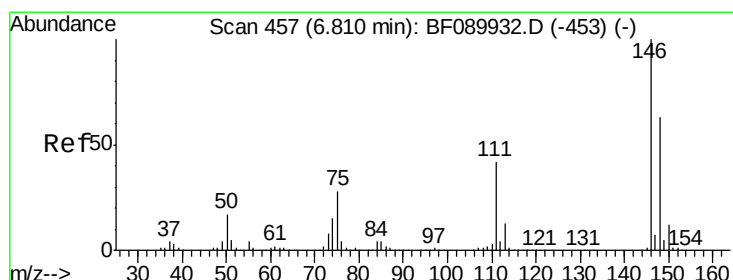
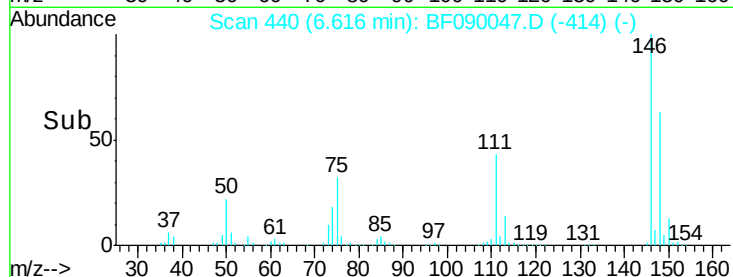
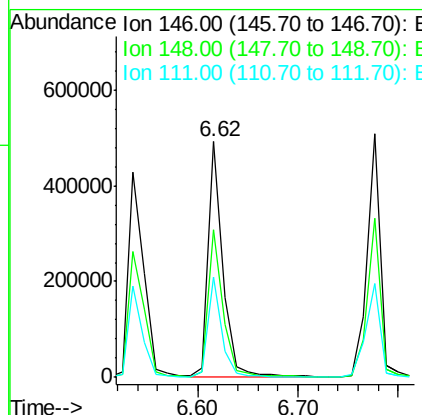
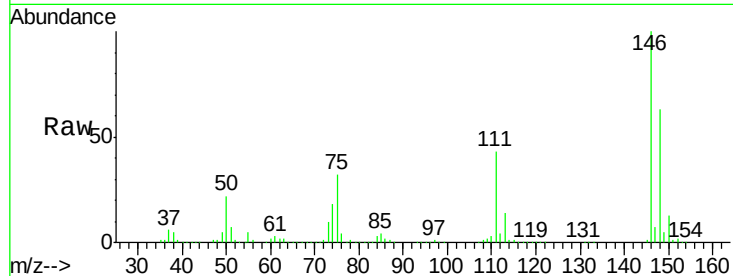
#13
 1,4-Dichlorobenzene
 Concen: 36.91 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.1	75.1
111	42.7	35.8	53.6

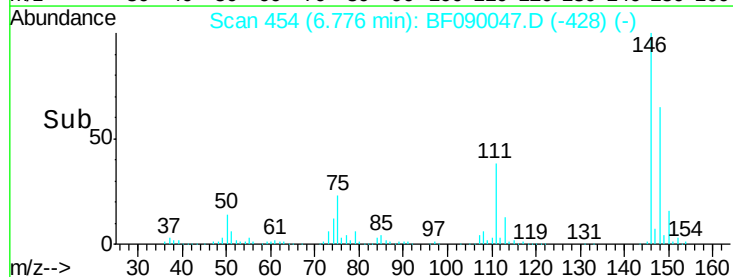
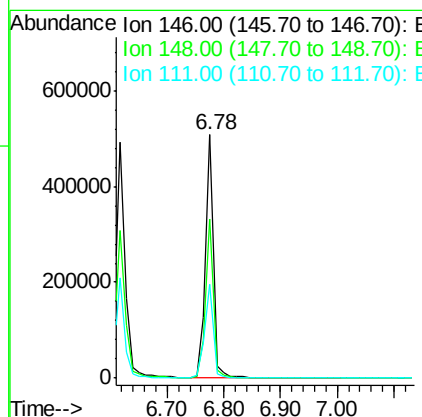
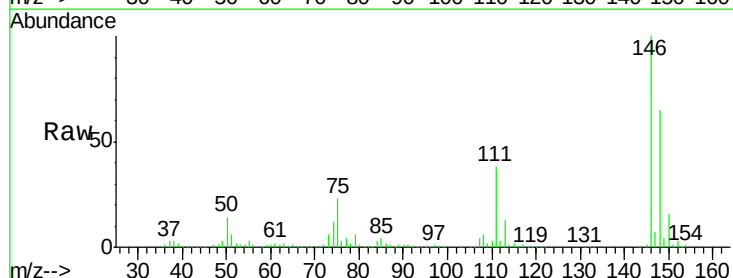
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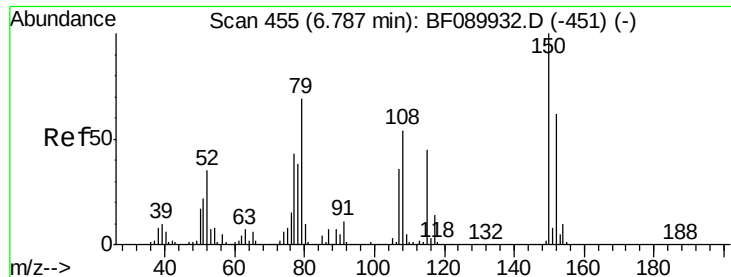
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#14
 1,2-Dichlorobenzene
 Concen: 38.76 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
111	38.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 38.44 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

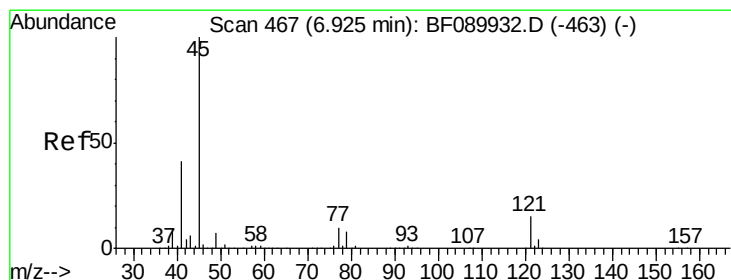
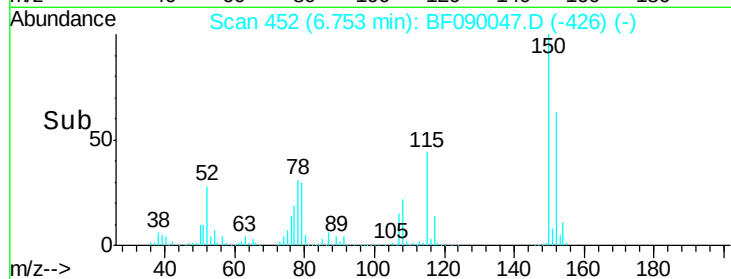
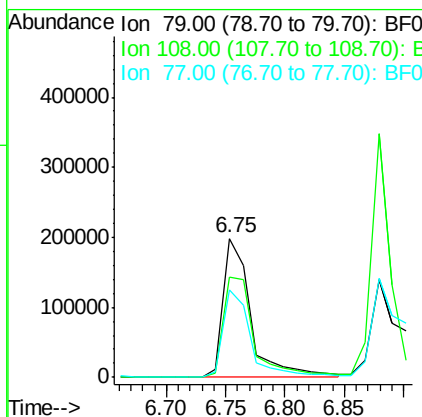
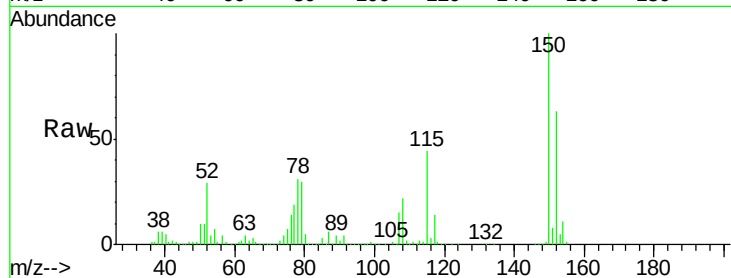
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	79	Resp:	321704
Ion	Ratio	Lower	Upper
79	100		
108	72.1	62.1	93.1
77	63.3	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.01 ng

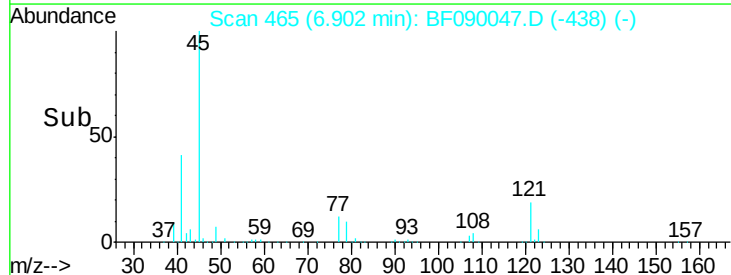
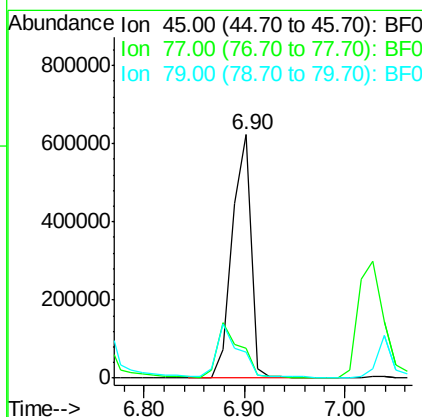
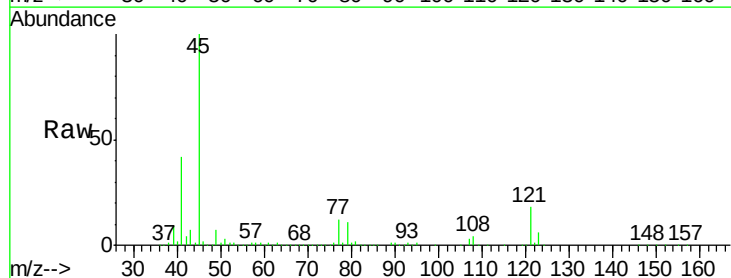
RT: 6.90 min Scan# 465

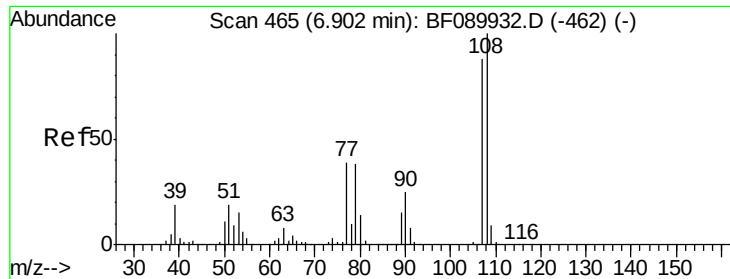
Delta R.T. 0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	45	Resp:	807288
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	30.3
79	10.6	0.0	27.5





#17

2-Methylphenol

Concen: 35.37 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

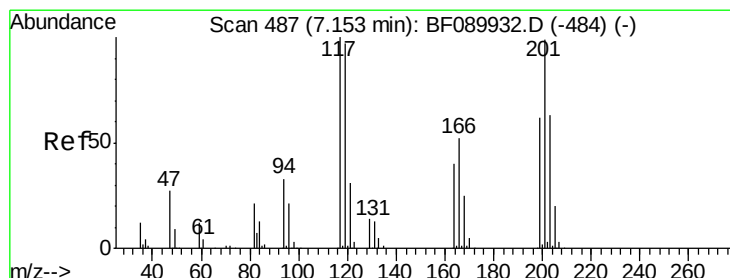
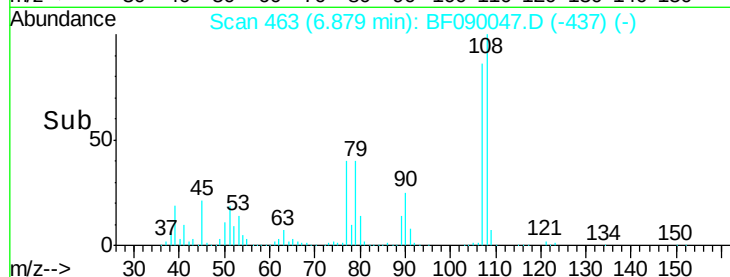
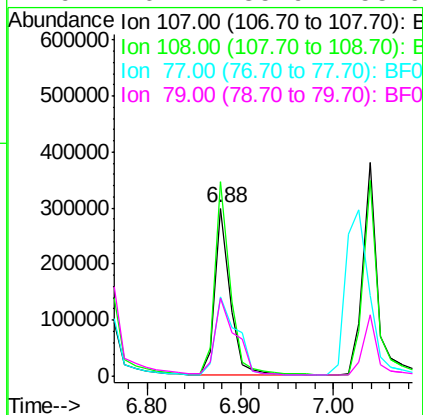
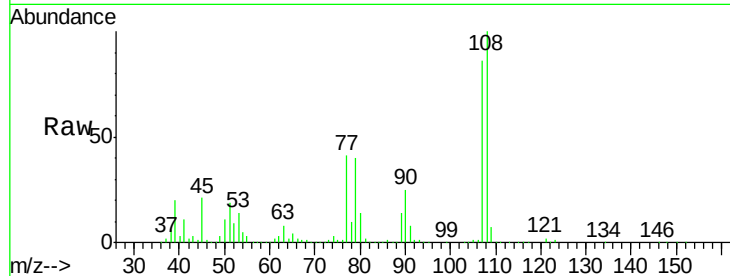
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	107	Resp:	336891
Ion Ratio	Lower	Upper	
107	100		
108	116.0	91.8	137.6
77	47.1	36.0	54.0
79	46.4	35.9	53.9

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#18

Hexachloroethane

Concen: 31.81 ng

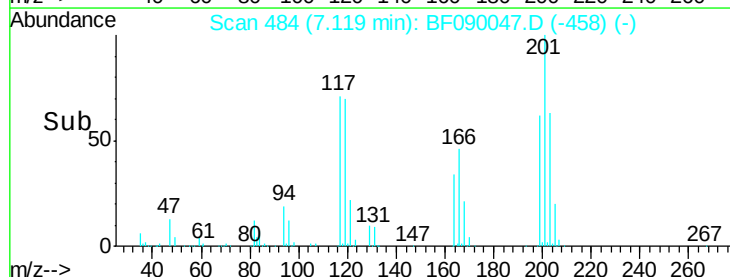
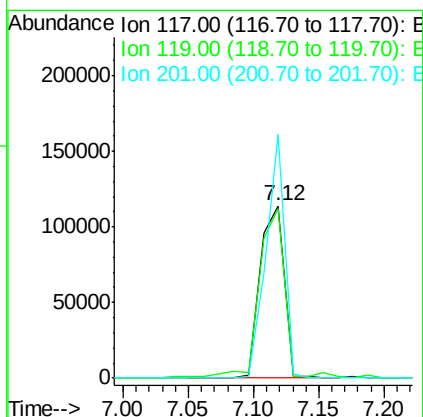
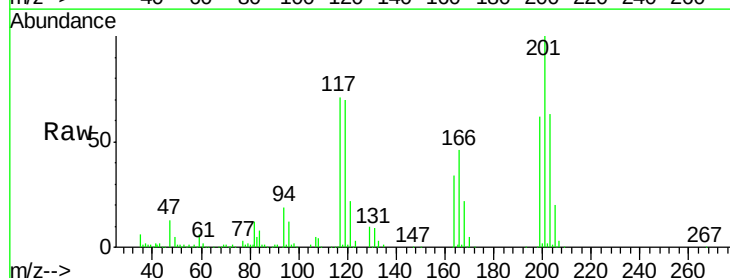
RT: 7.12 min Scan# 484

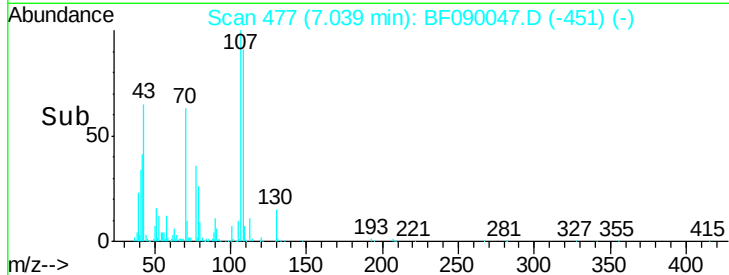
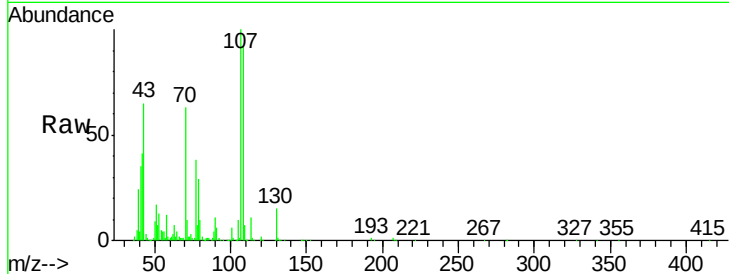
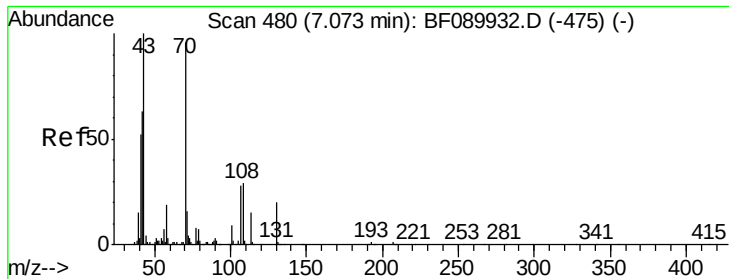
Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	117	Resp:	148502
Ion Ratio	Lower	Upper	
117	100		
119	98.3	76.2	114.2
201	141.4	80.2	120.2#





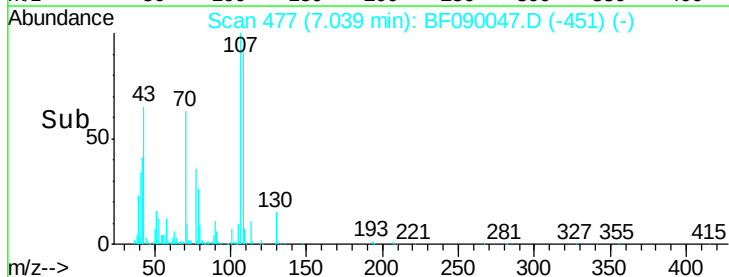
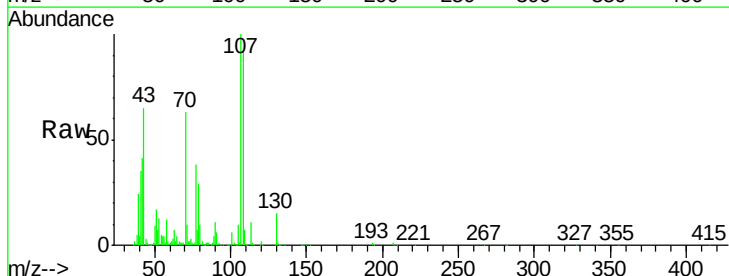
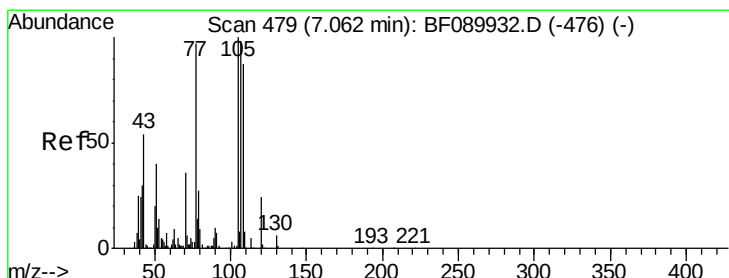
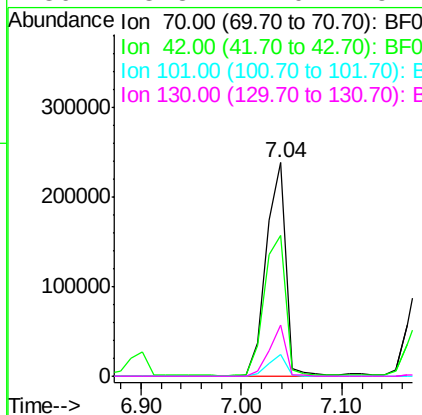
#19
n-Nitroso-di-n-propylamine
Concen: 37.17 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.0	52.1	78.1
101	10.3	7.4	11.2
130	23.8	17.0	25.4

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

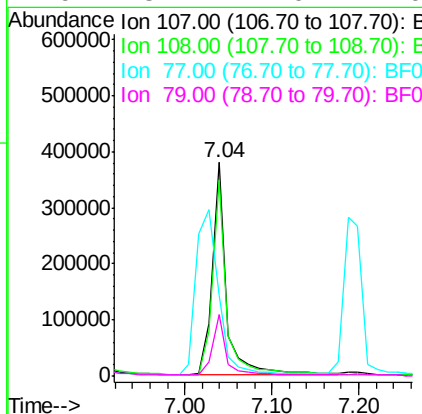
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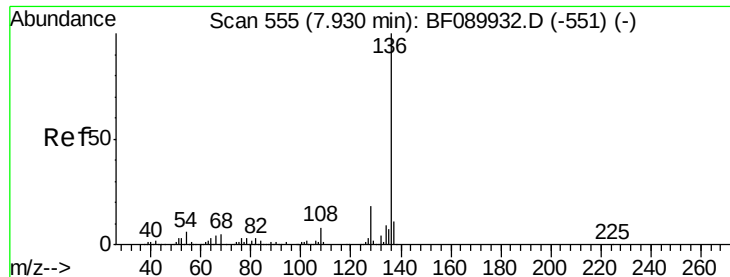
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#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.2	110.2
77	37.8	75.7	115.7#
79	28.7	7.0	47.0





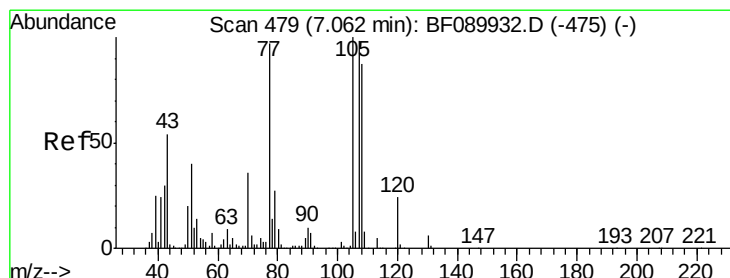
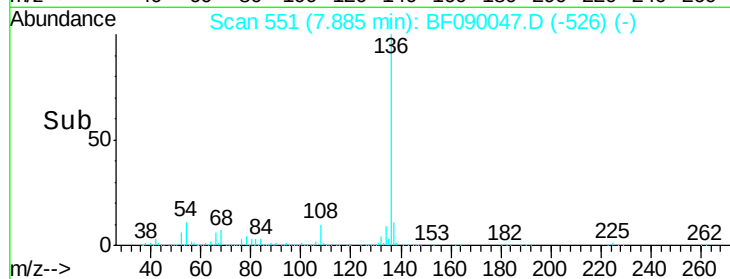
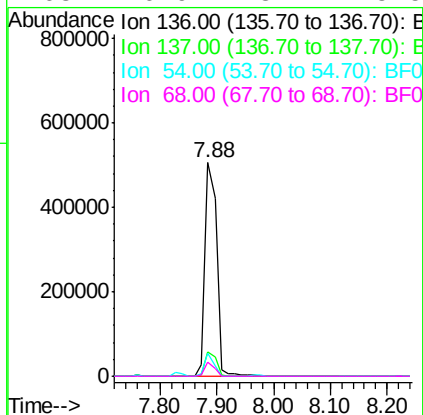
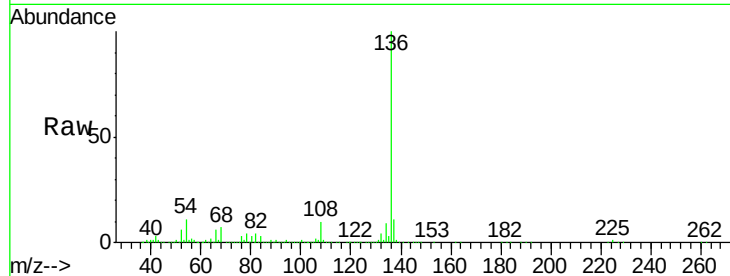
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	687633		
137	11.2	8.3	12.5	
54	11.0	4.8	7.2#	
68	6.9	3.7	5.5#	

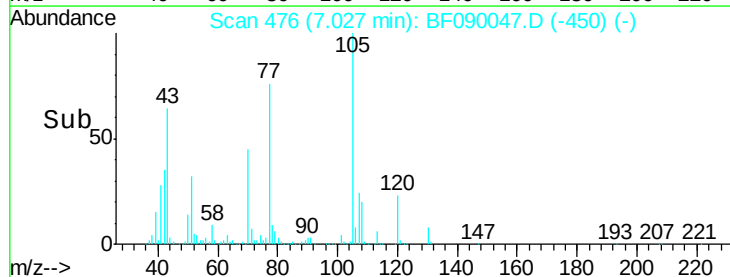
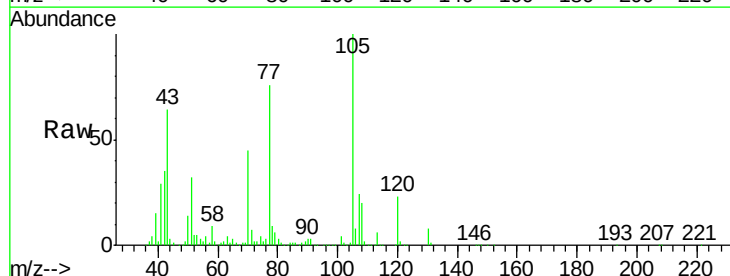
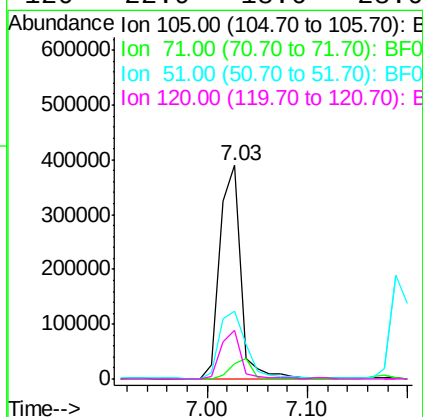
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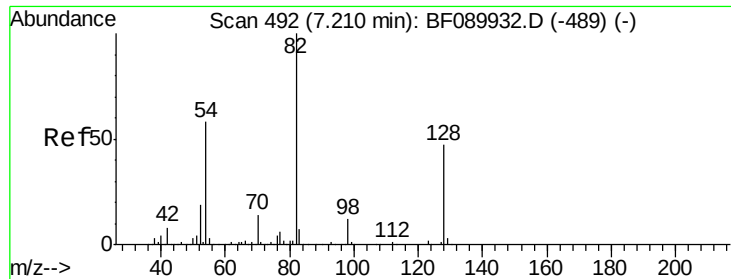
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#22
Acetophenone
Concen: 36.91 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	569452		
71	7.2	5.3	7.9	
51	31.8	32.6	48.8#	
120	22.9	18.6	28.0	





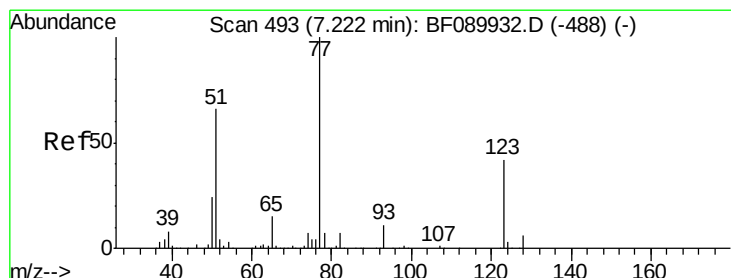
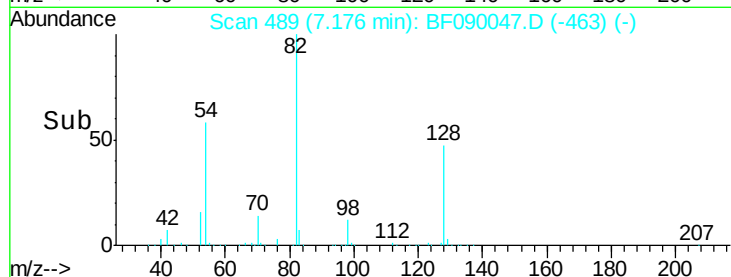
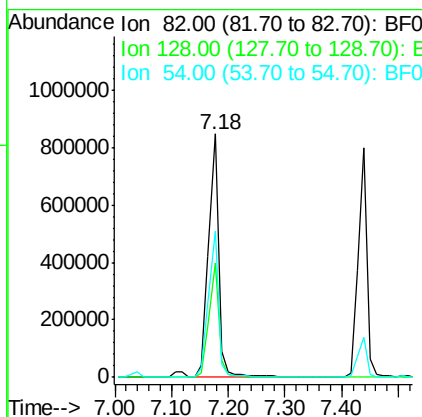
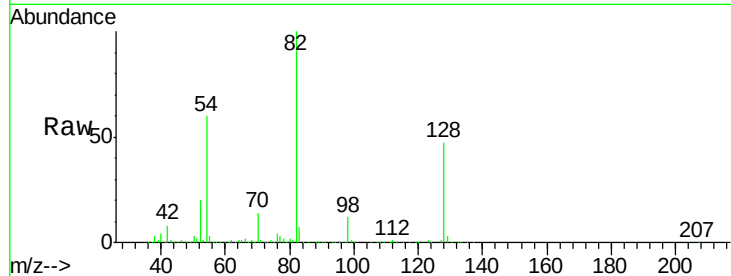
#23
 Nitrobenzene-d5
 Concen: 85.78 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion: 82 Resp: 1017117
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 60.0 46.9 70.3

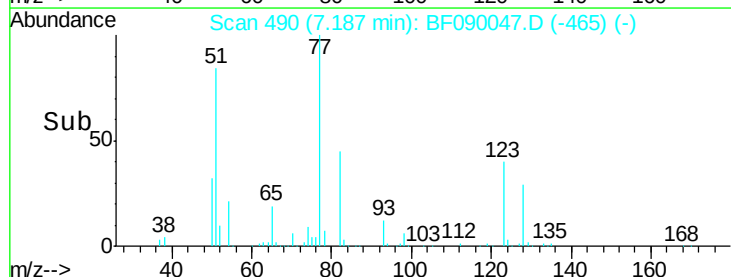
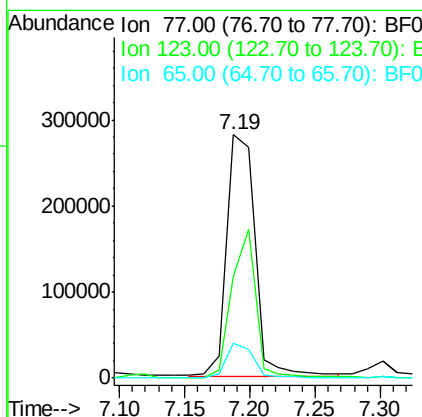
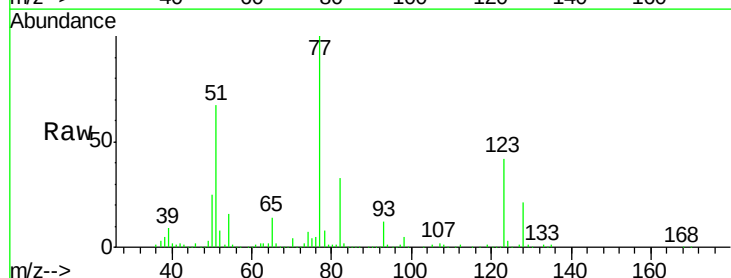
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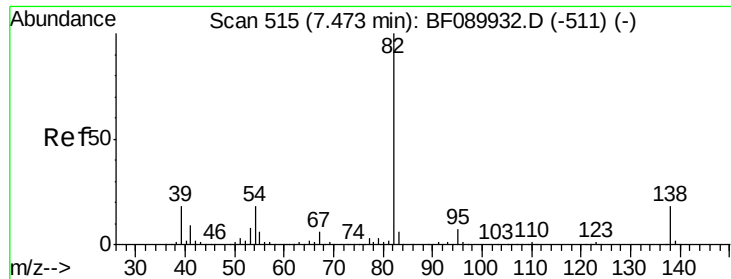
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#24
 Nitrobenzene
 Concen: 33.66 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion: 77 Resp: 424353
 Ion Ratio Lower Upper
 77 100
 123 41.7 32.0 48.0
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 35.89 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

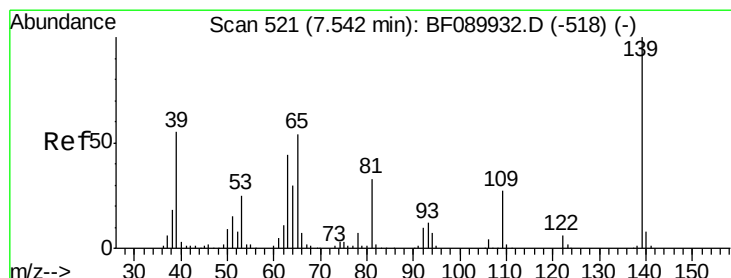
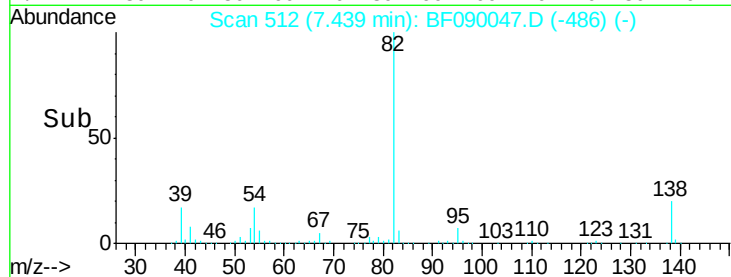
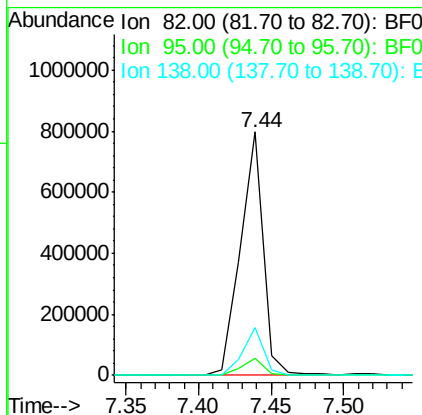
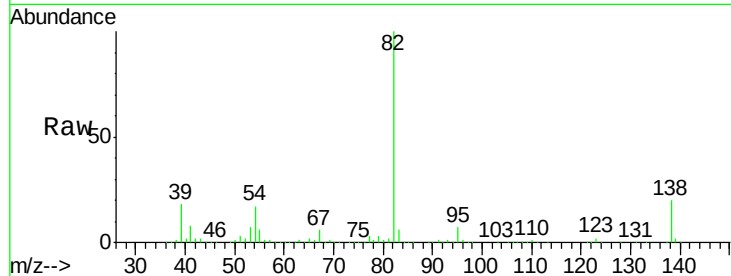
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	82	Resp:	865331
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.5	8.3
138	19.6	14.4	21.6

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#26

2-Nitrophenol

Concen: 32.37 ng

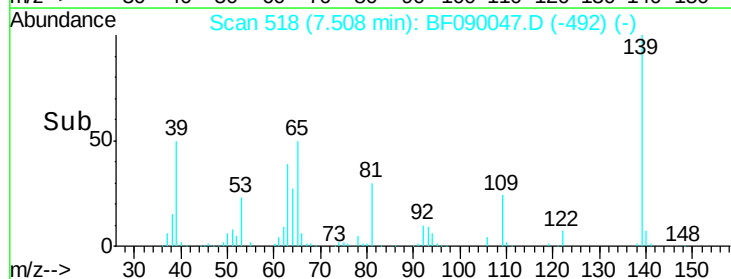
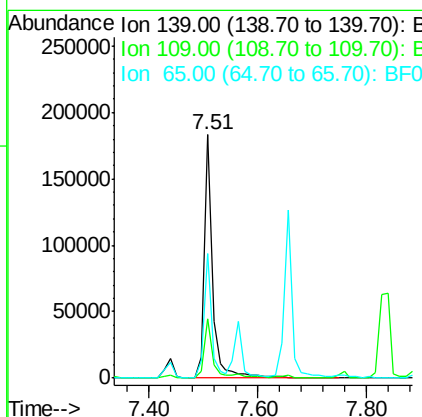
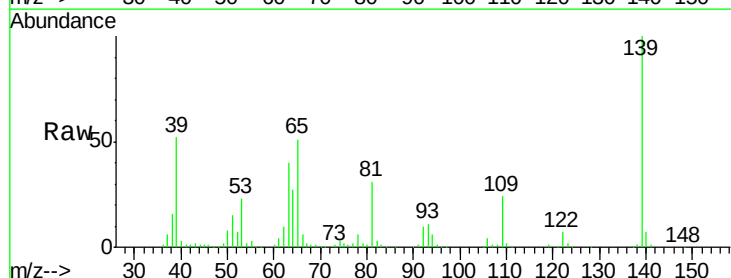
RT: 7.51 min Scan# 518

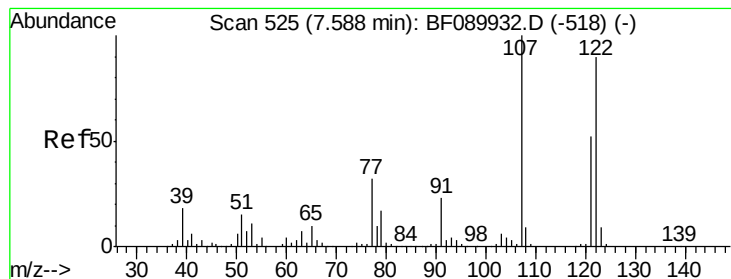
Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	139	Resp:	195056
Ion Ratio		Lower	Upper
139	100		
109	24.5	21.0	31.4
65	51.0	43.4	65.0





#27

2,4-Dimethylphenol

Concen: 36.43 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

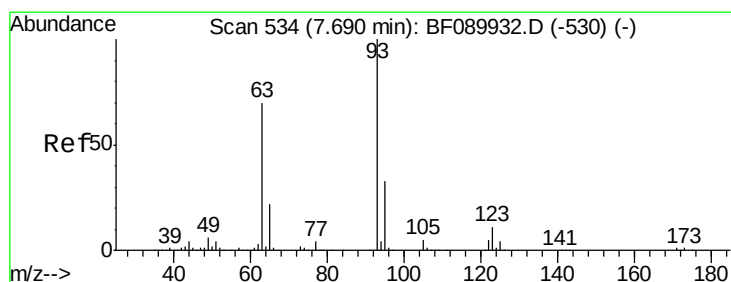
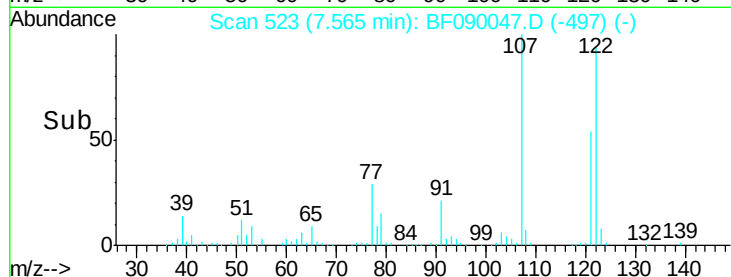
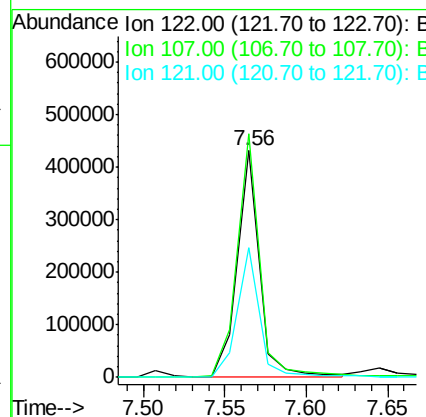
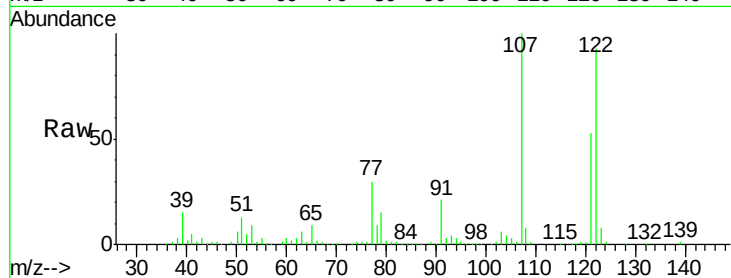
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	122	Resp:	406030
Ion Ratio	Lower	Upper	
122	100		
107	107.3	88.5	132.7
121	57.3	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 37.85 ng

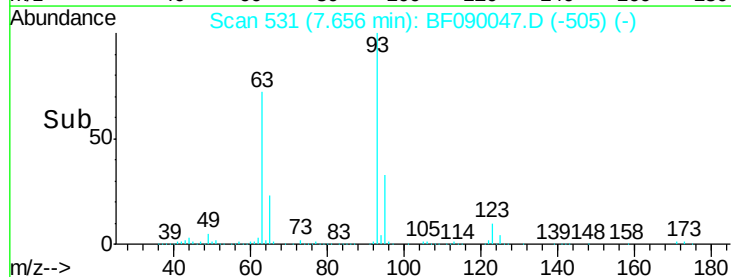
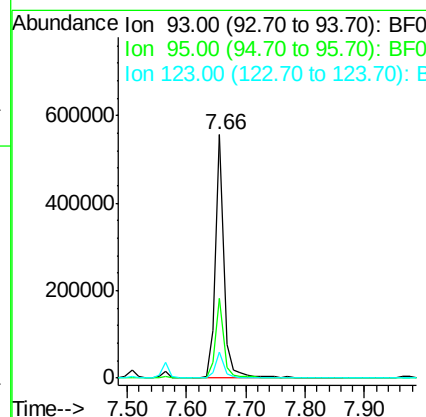
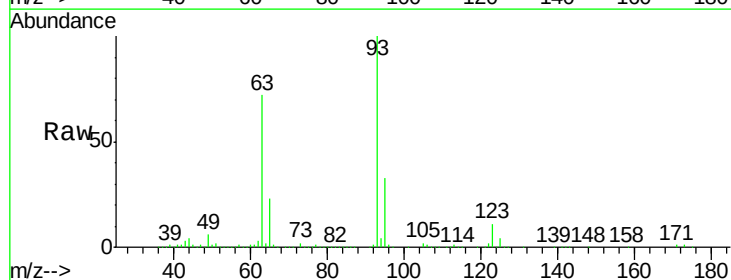
RT: 7.66 min Scan# 531

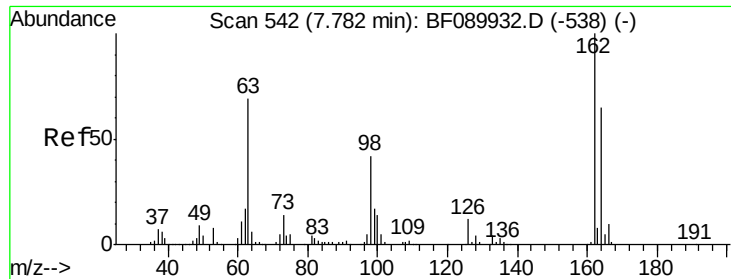
Delta R.T. 0.00 min

Lab File: BF090047.D

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Tgt Ion:	93	Resp:	550372
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	40.0
123	10.5	9.1	13.7





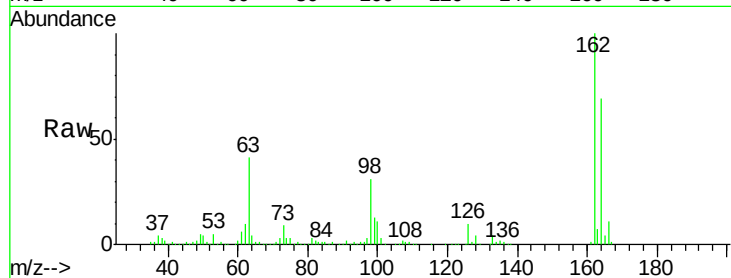
#29
2,4-Dichlorophenol
Concen: 39.57 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

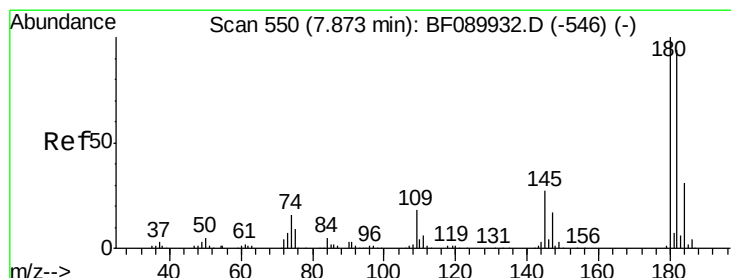
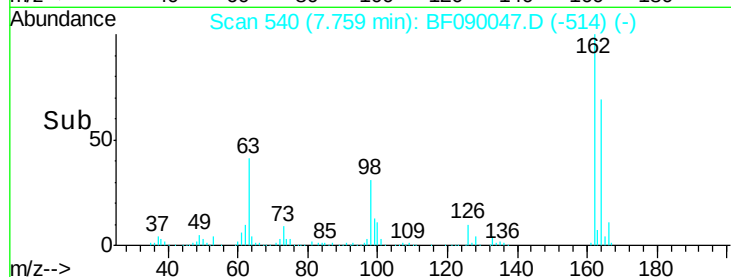
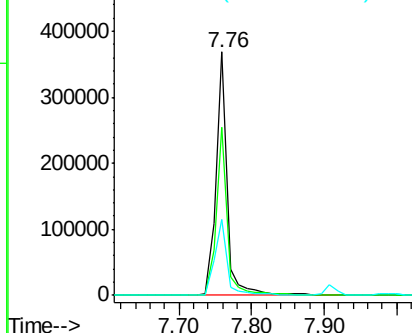
Tgt Ion:	162	Resp:	395389
Ion Ratio		Lower	Upper
162	100		
164	69.1	46.6	86.6
98	31.2	22.0	62.0

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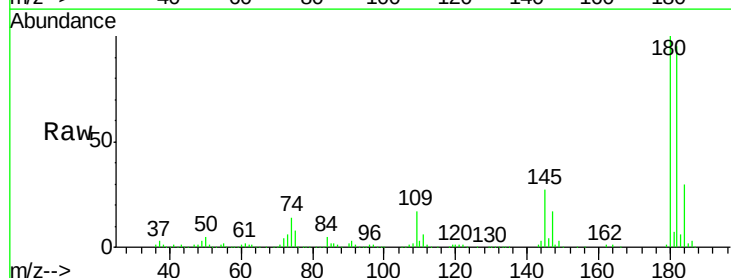


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

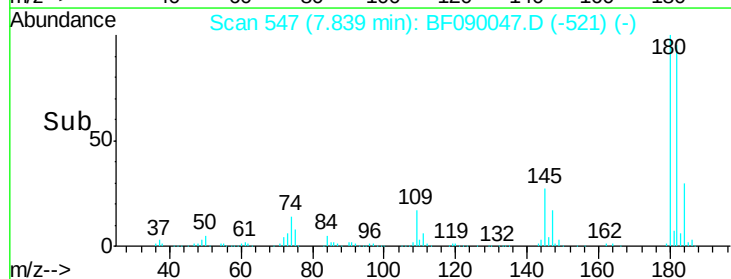
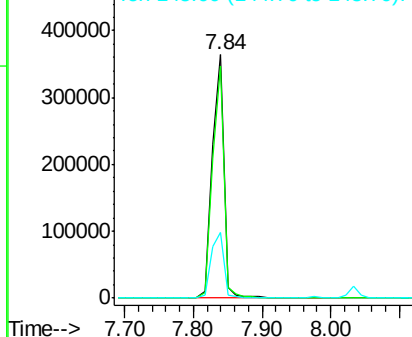


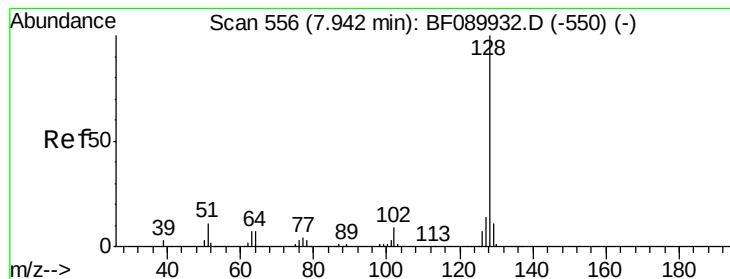
#30
1,2,4-Trichlorobenzene
Concen: 40.12 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion:	180	Resp:	438321
Ion Ratio		Lower	Upper
180	100		
182	95.1	76.2	114.2
145	27.0	22.2	33.4



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





#31

Naphthalene

Concen: 36.25 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

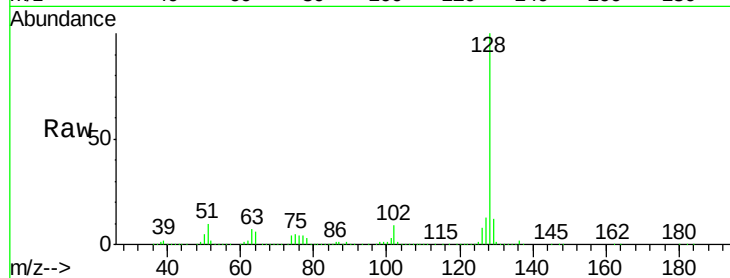
ClientSampleId :

BH-16-0-1FTMSD

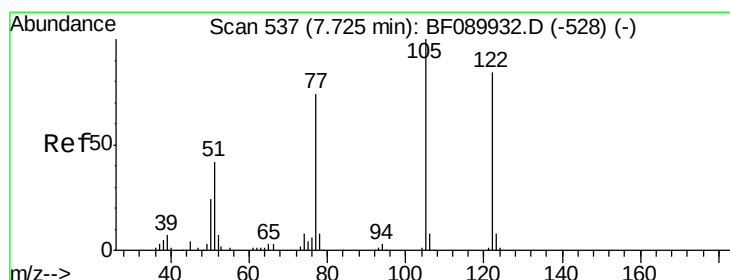
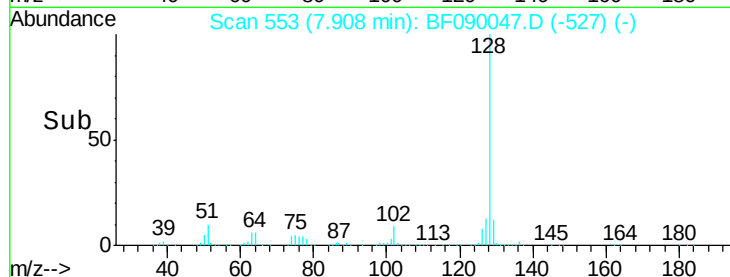
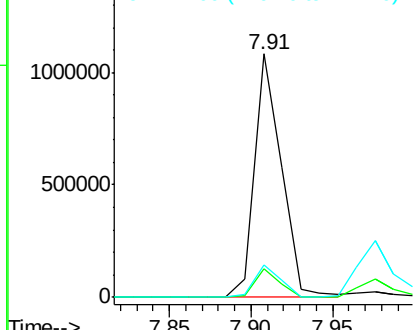
Tgt Ion:	128	Resp:	1241651
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.3	10.7	16.1

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



#32

Benzoic acid

Concen: 5.12 ng

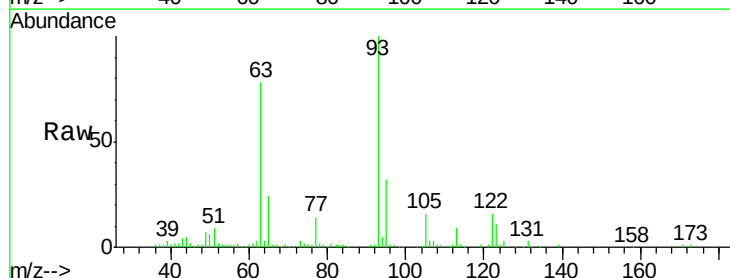
RT: 7.64 min Scan# 530

Delta R.T. -0.07 min

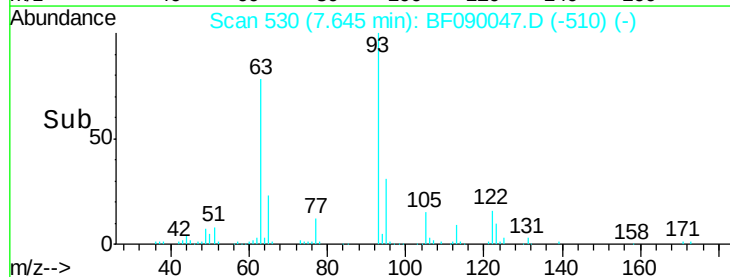
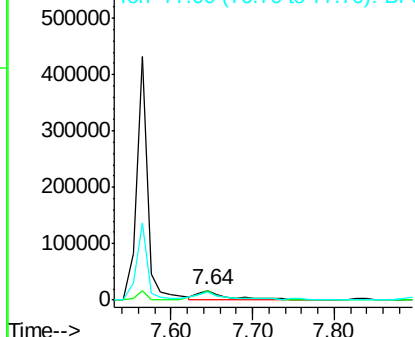
Lab File: BF090047.D

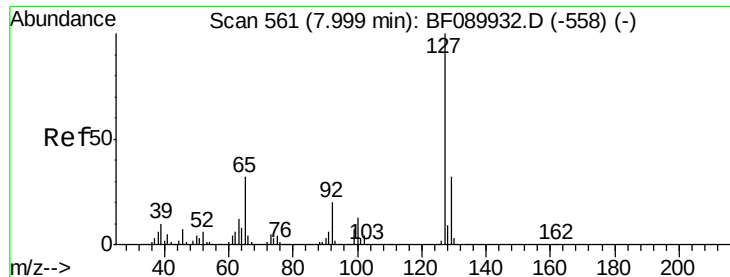
Acq: 9 Sep 2016 1:59

Tgt Ion:	122	Resp:	38465
Ion	Ratio	Lower	Upper
122	100		
105	100.9	102.2	142.2#
77	88.2	74.1	114.1



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





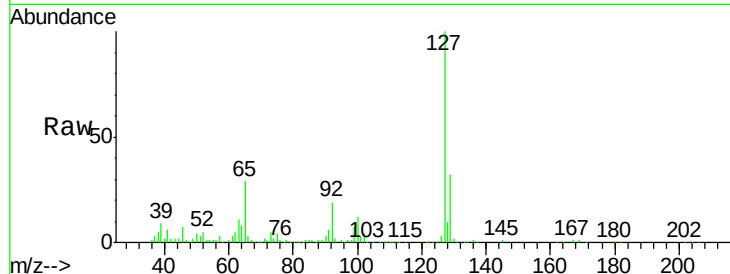
#33
4-Chloroaniline
Concen: 32.18 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

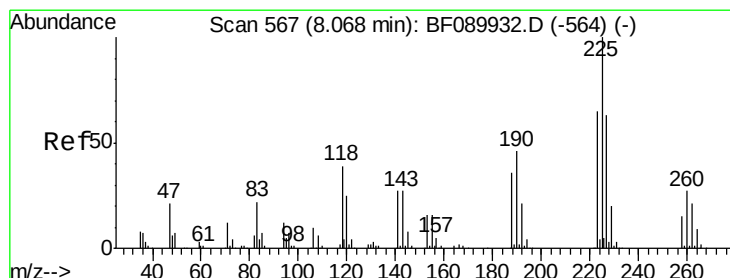
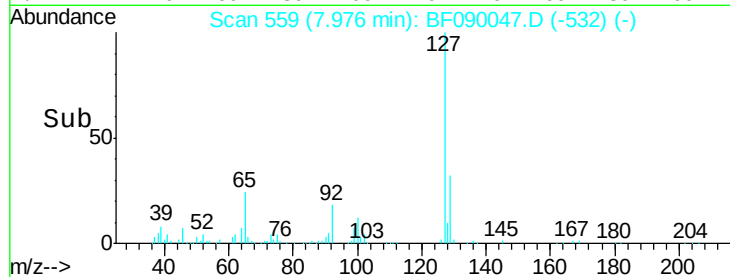
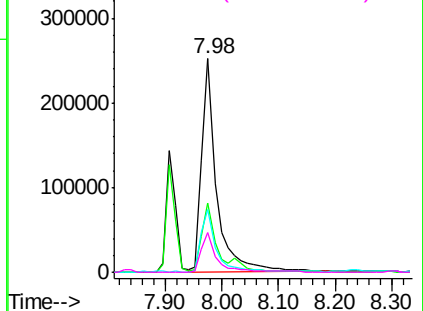
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	444827		
129	32.1	25.9	38.9	
65	29.4	26.0	39.0	
92	18.6	15.9	23.9	

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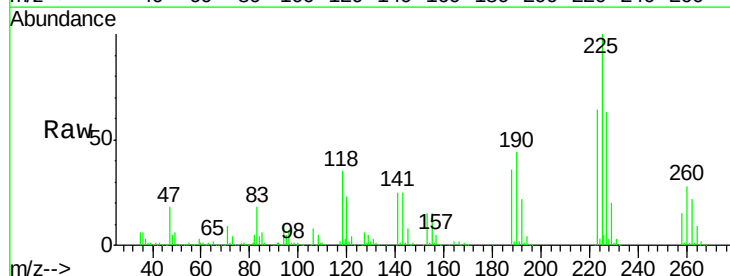


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

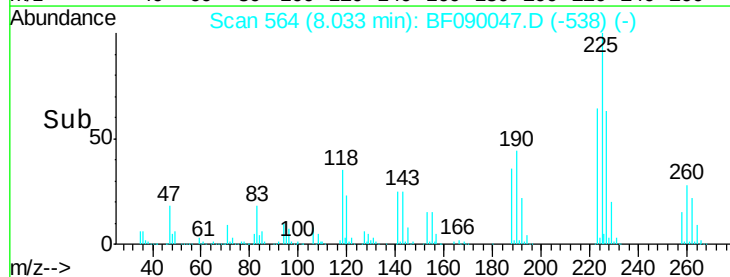
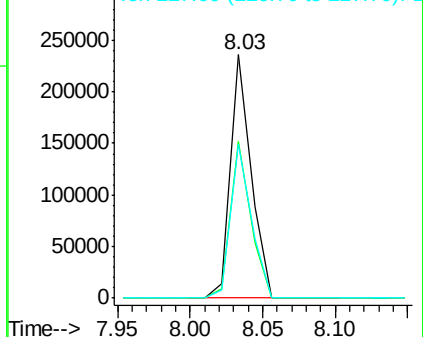


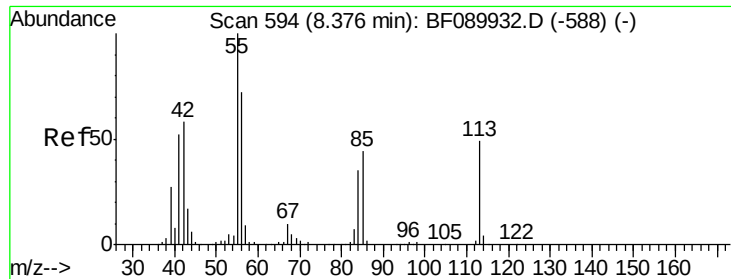
#34
Hexachlorobutadiene
Concen: 36.48 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233531		
223	64.4	52.6	78.8	
227	63.2	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





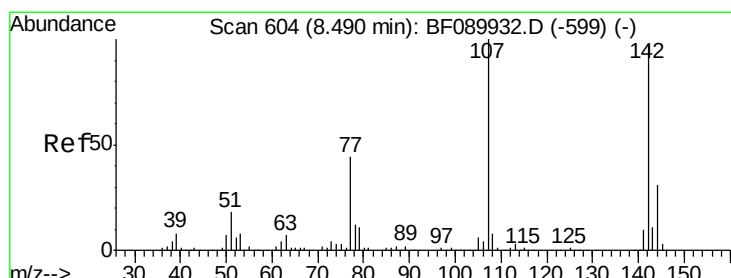
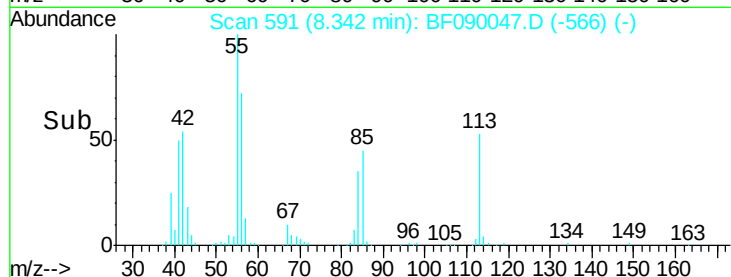
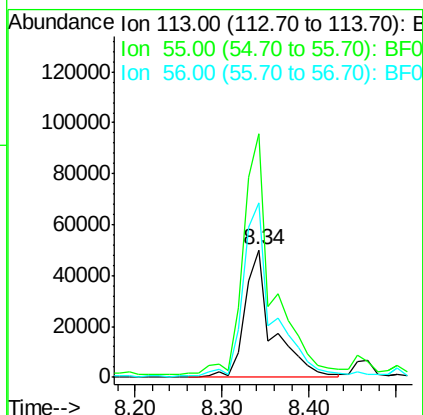
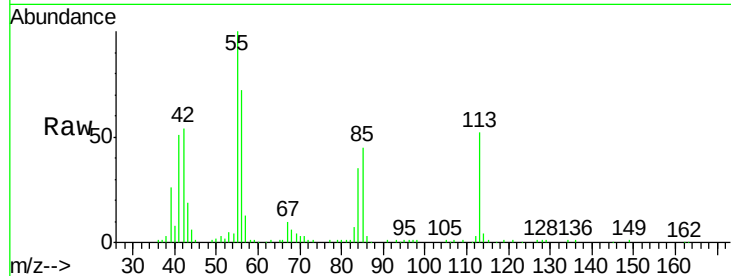
#35
 Caprolactam
 Concen: 35.15 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion:113 Resp: 110867
 Ion Ratio Lower Upper
 113 100
 55 191.2 178.5 218.5
 56 137.5 122.7 162.7

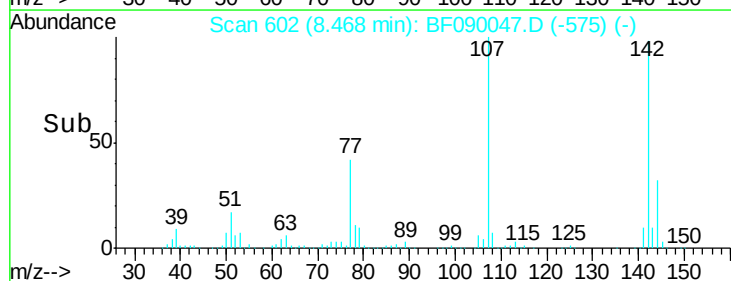
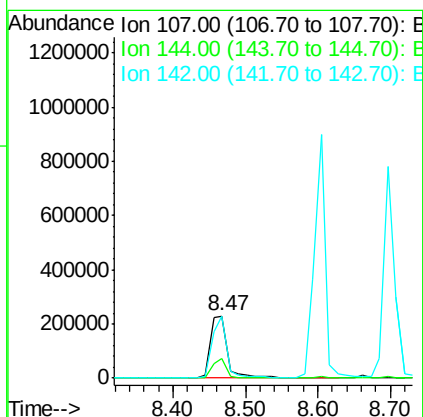
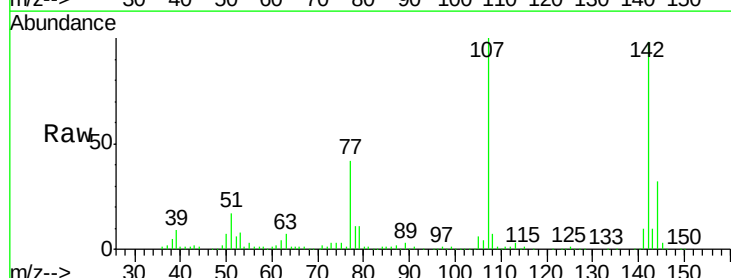
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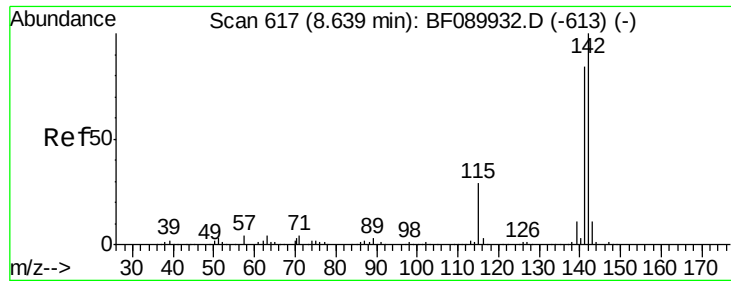
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#36
 4-Chloro-3-methylphenol
 Concen: 35.08 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion:107 Resp: 371238
 Ion Ratio Lower Upper
 107 100
 144 31.9 25.8 38.8
 142 98.3 79.2 118.8





#37

2-Methylnaphthalene

Concen: 41.35 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

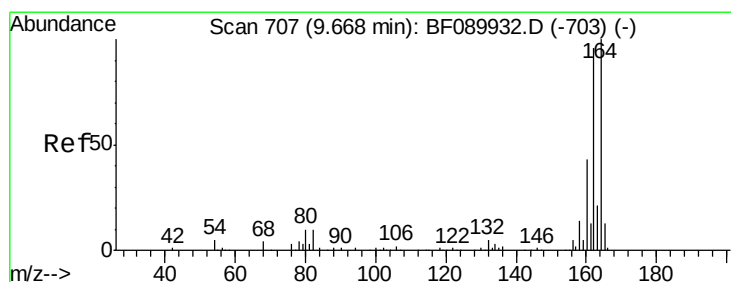
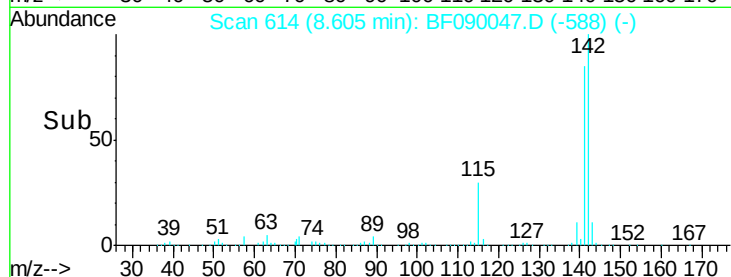
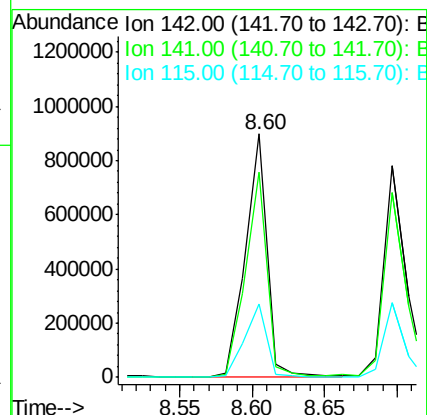
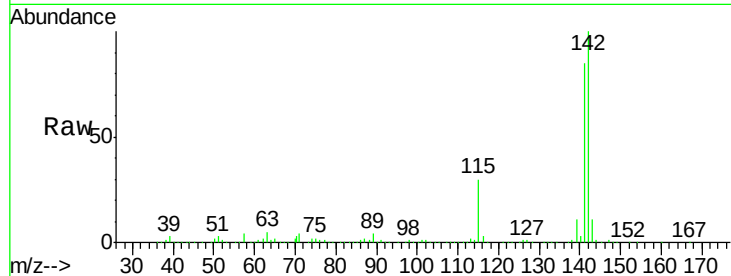
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	142	Resp:	936141
Ion Ratio	Lower	Upper	
142	100		
141	84.5	68.3	102.5
115	30.3	23.8	35.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

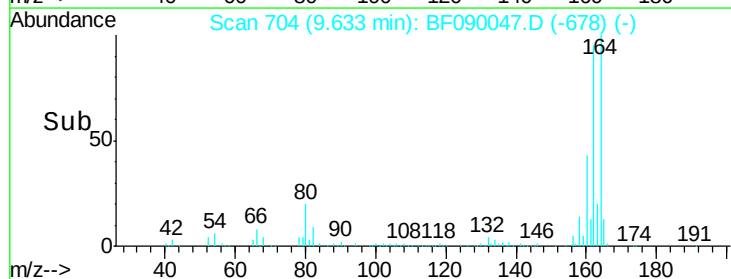
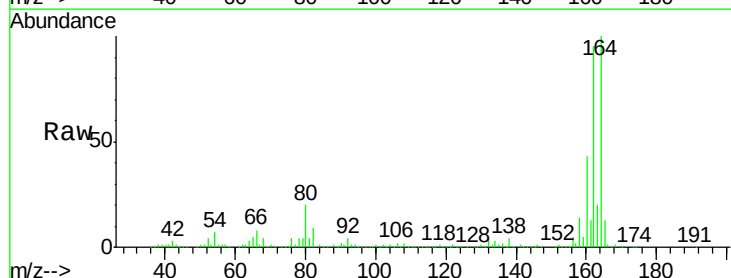
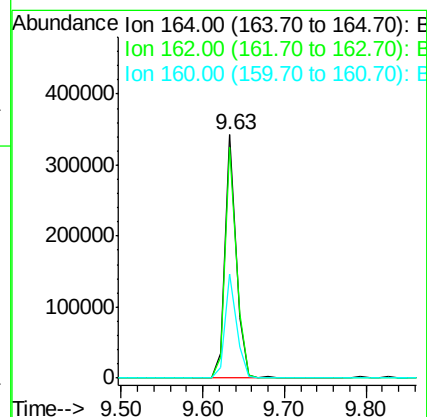
RT: 9.63 min Scan# 704

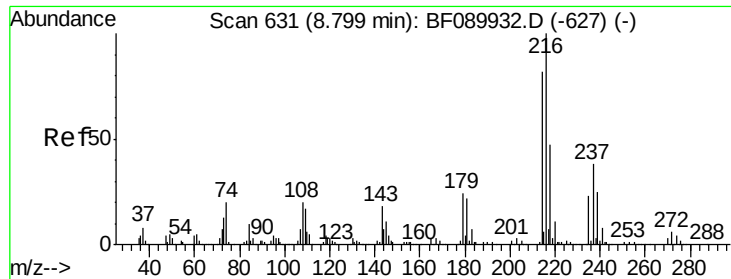
Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	164	Resp:	326166
Ion Ratio	Lower	Upper	
164	100		
162	95.0	77.1	115.7
160	42.8	35.3	52.9





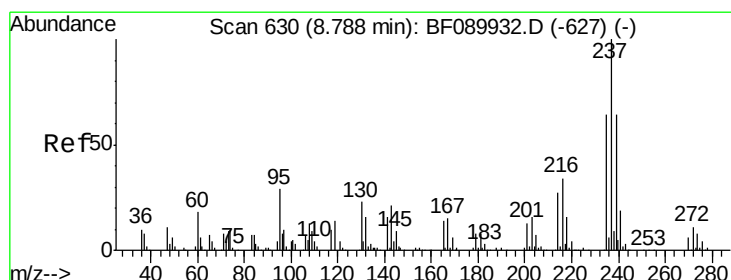
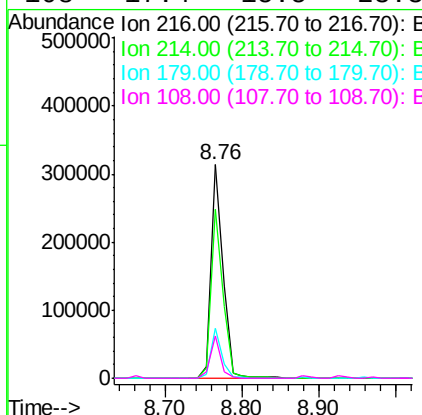
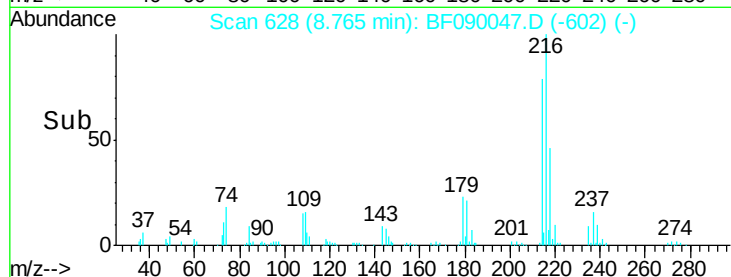
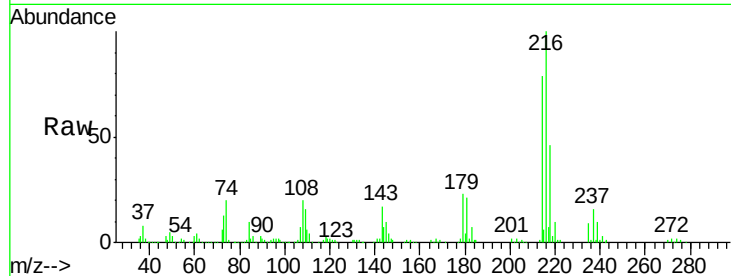
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.16 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	335975		
214	79.4	63.4	95.2	
179	21.2	17.3	25.9	
108	17.4	15.5	23.3	

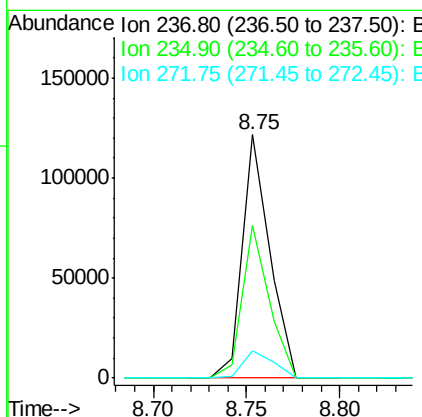
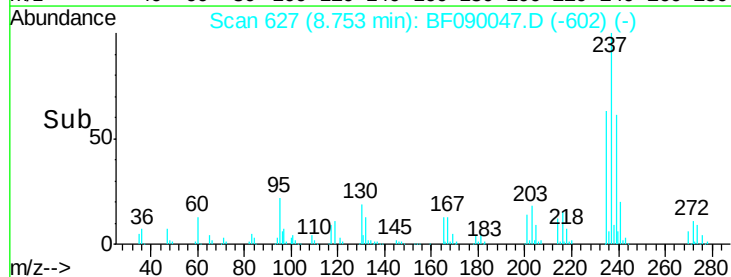
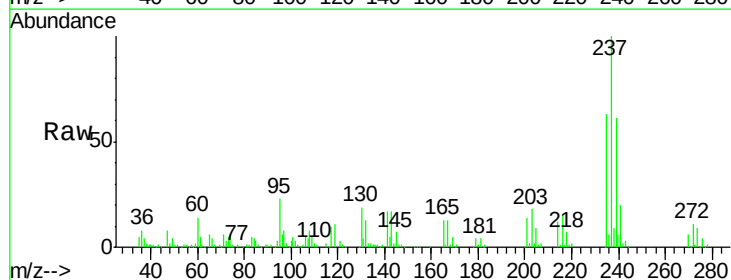
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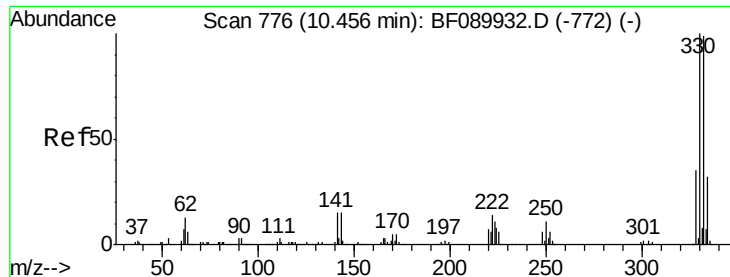
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#40
Hexachlorocyclopentadiene
Concen: 25.32 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	124046		
235	62.9	39.6	79.6	
272	11.4	0.0	34.6	





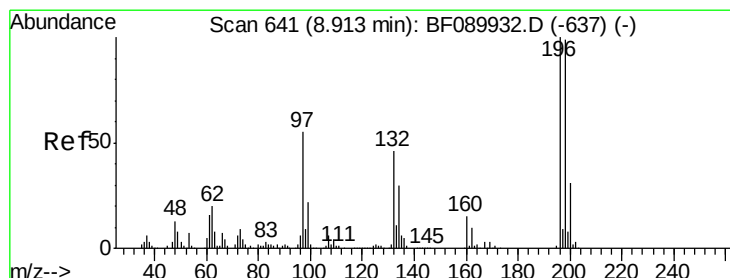
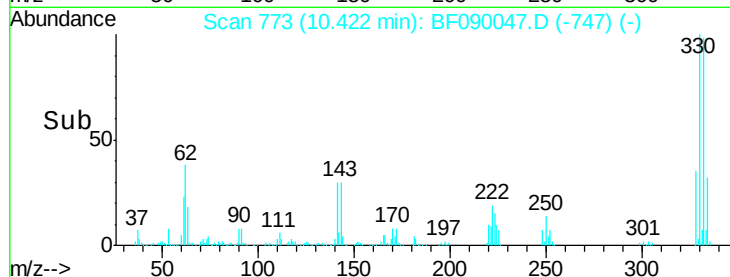
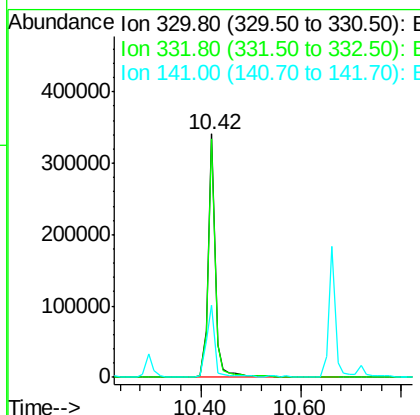
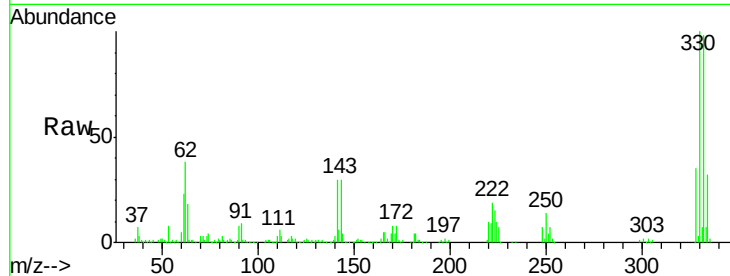
#41
 2,4,6-Tribromophenol
 Concen: 106.42 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342439		
332	97.3	78.6	117.8	
141	33.5	23.3	34.9	

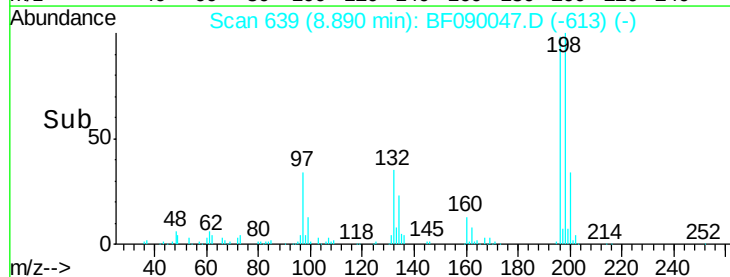
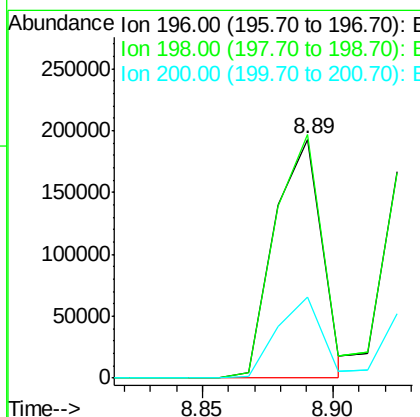
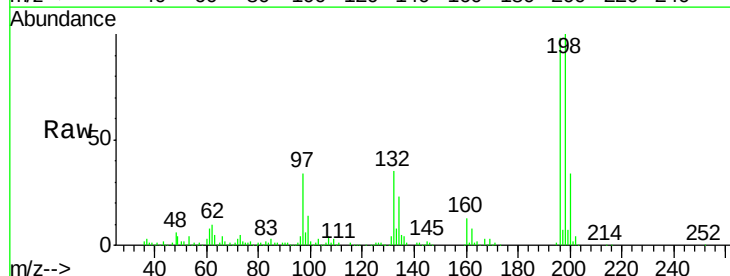
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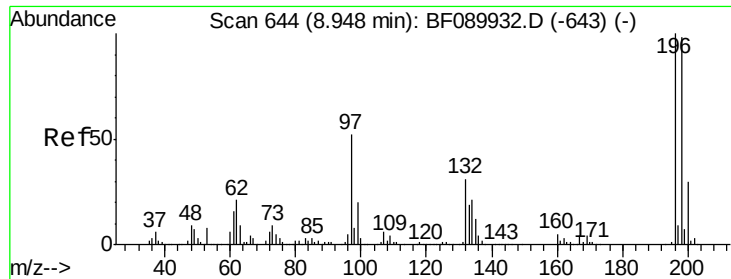
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#42
 2,4,6-Trichlorophenol
 Concen: 36.82 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243821		
198	101.9	78.3	117.5	
200	34.1	24.8	37.2	





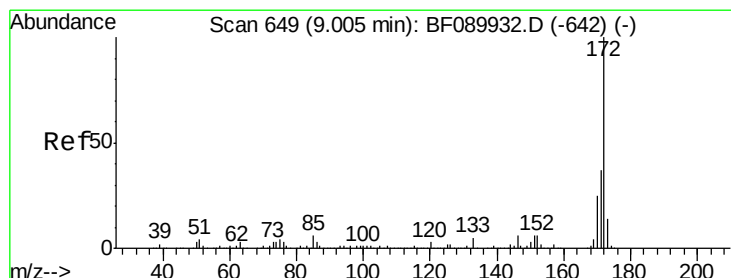
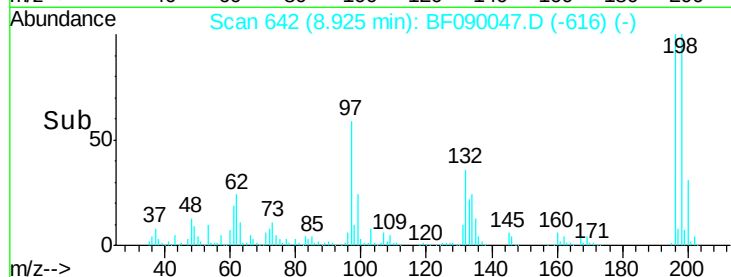
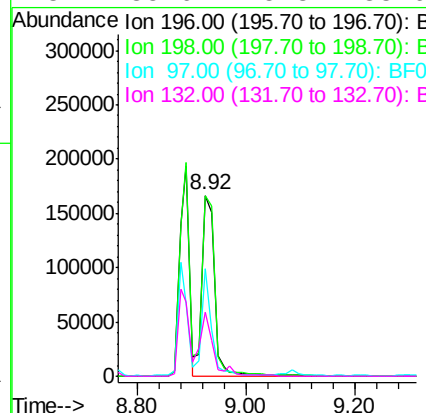
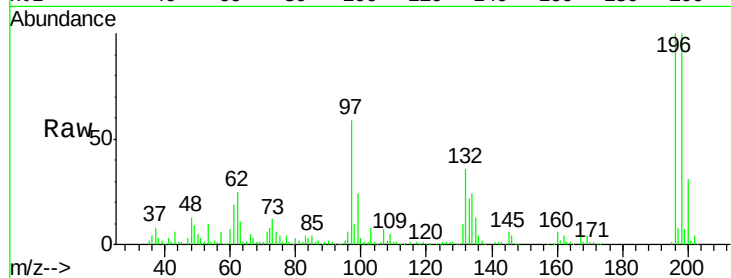
#43
 2,4,5-Trichlorophenol
 Concen: 41.64 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265181		
198	99.6	80.8	121.2	
97	59.2	44.2	66.4	
132	35.6	25.8	38.6	

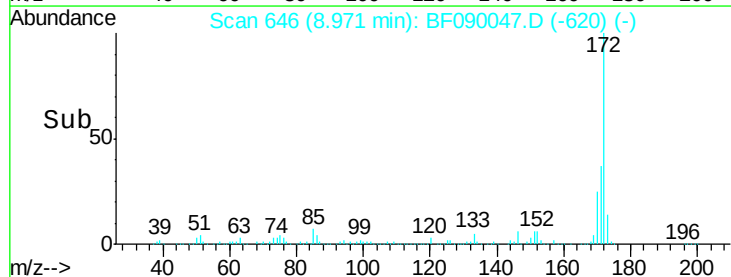
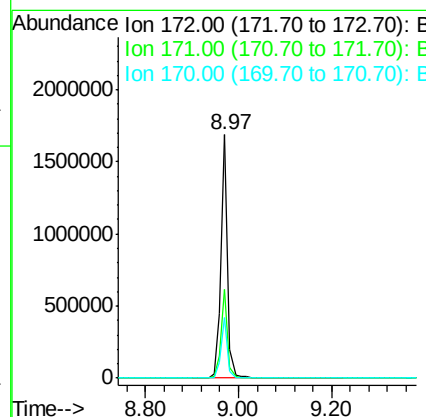
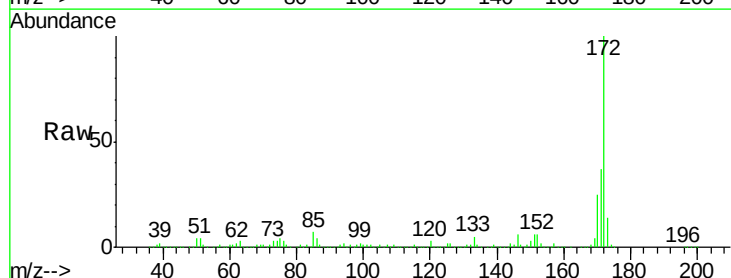
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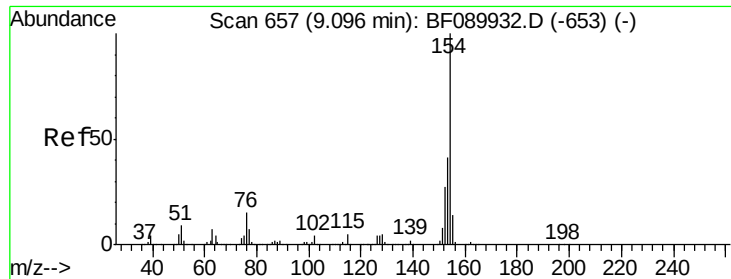
umangi
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#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1680165		
171	36.6	29.4	44.2	
170	24.9	20.1	30.1	





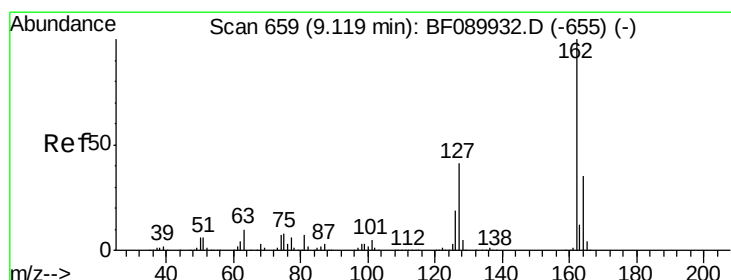
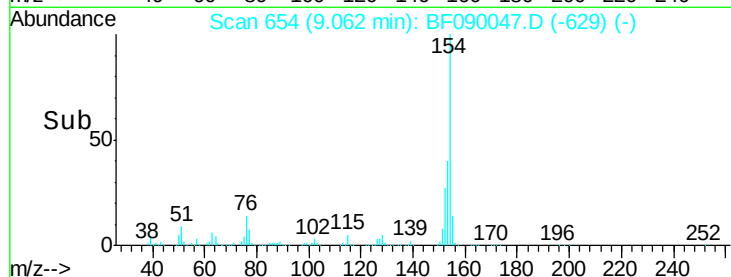
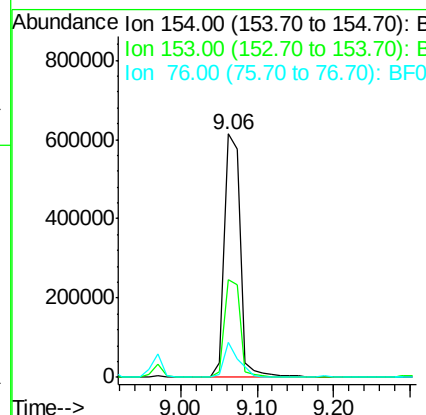
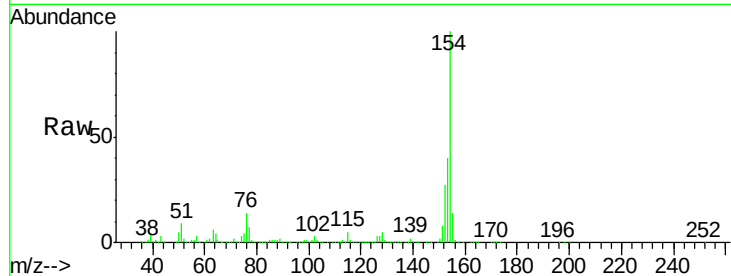
#45
 1,1'-Biphenyl
 Concen: 34.54 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	907161		
153	40.3	20.6	60.6	
76	14.1	0.0	34.9	

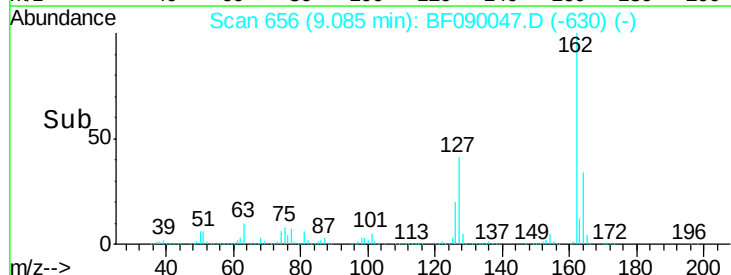
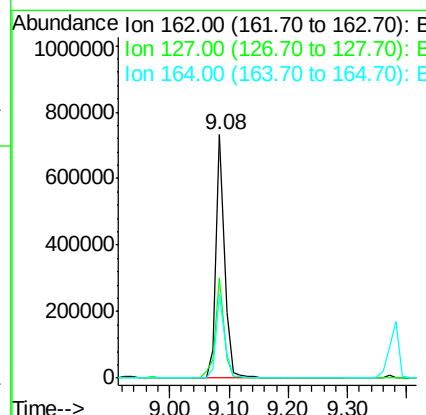
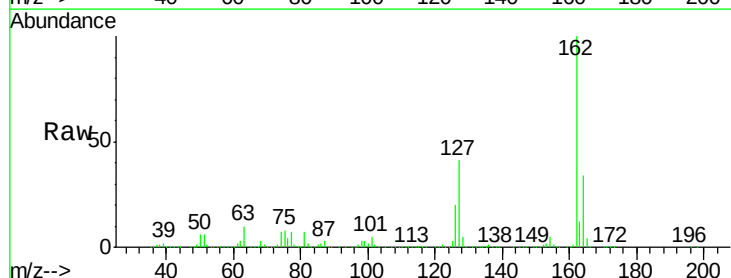
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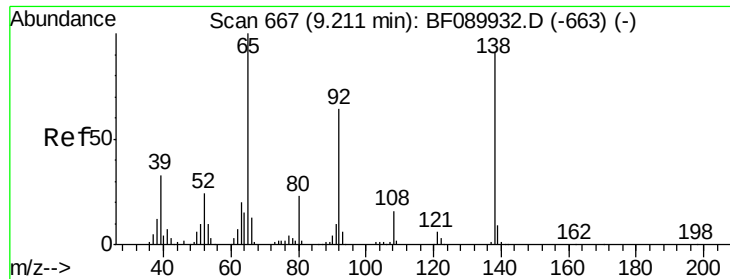
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#46
 2-Chloronaphthalene
 Concen: 39.76 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	738640		
127	41.3	33.5	50.3	
164	34.4	28.2	42.4	





#47

2-Nitroaniline

Concen: 41.26 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 65 Resp: 250587
Ion Ratio Lower Upper

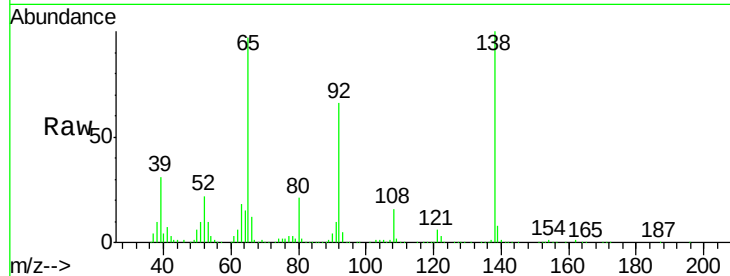
65 100

92 68.4 52.0 78.0

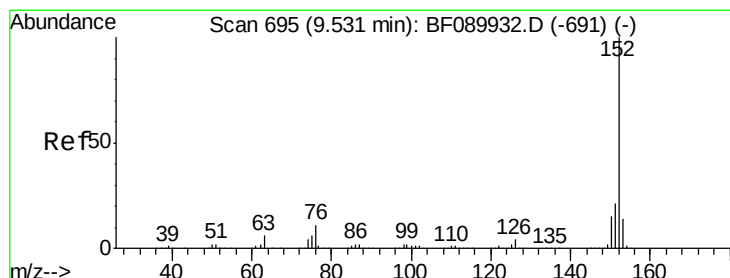
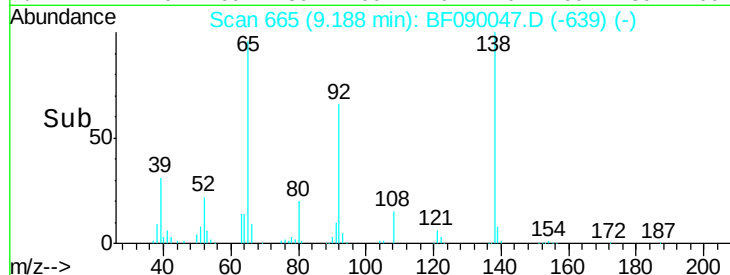
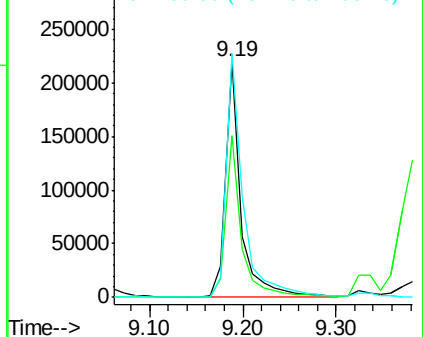
138 103.3 72.1 108.1

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 36.84 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF090047.D

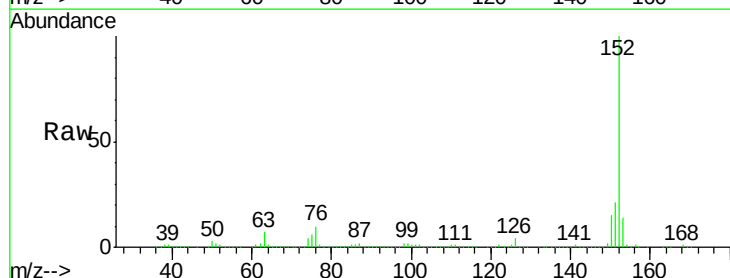
Acq: 9 Sep 2016 1:59

Tgt Ion: 152 Resp: 1131752
Ion Ratio Lower Upper

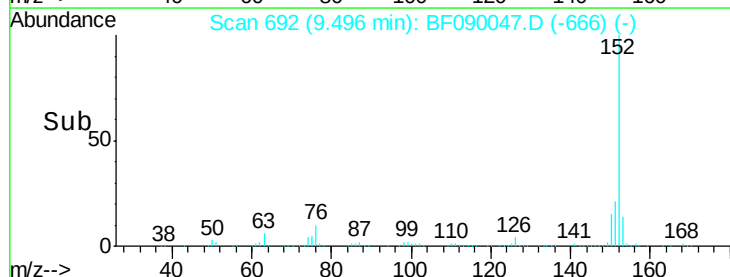
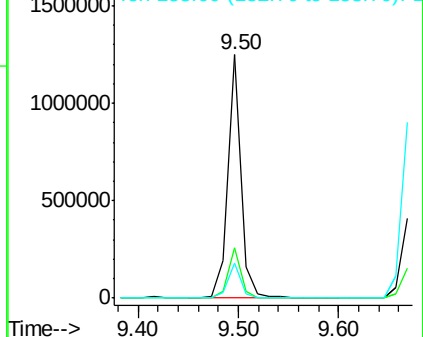
152 100

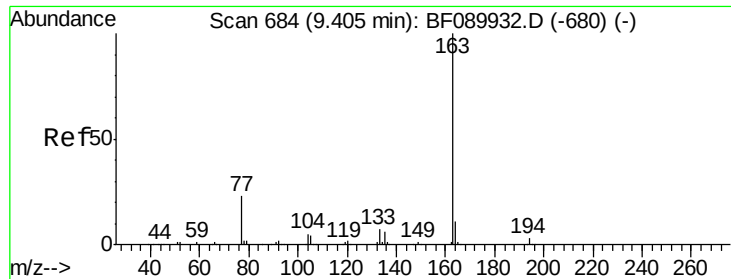
151 20.6 16.7 25.1

153 14.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





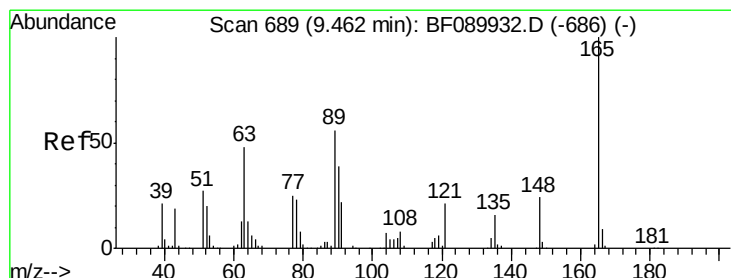
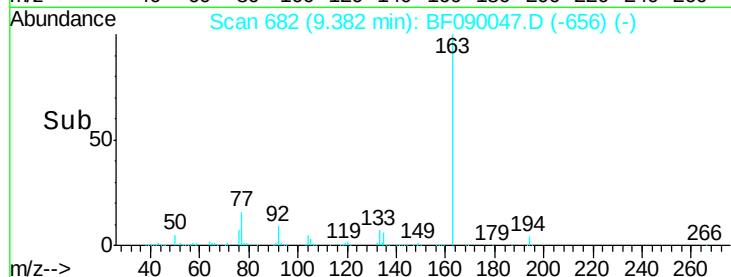
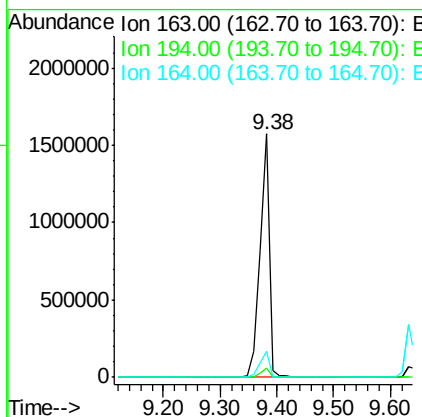
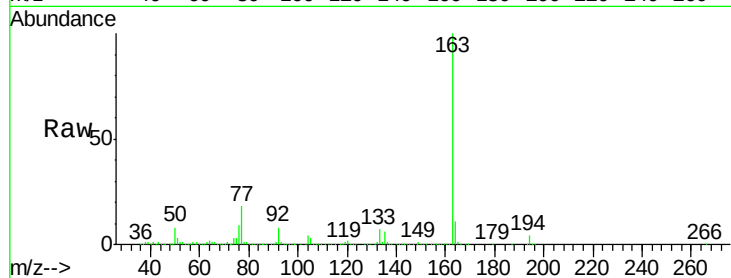
#49
Dimethylphthalate
Concen: 77.23 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion:163 Resp: 1820701
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 9.0 13.4

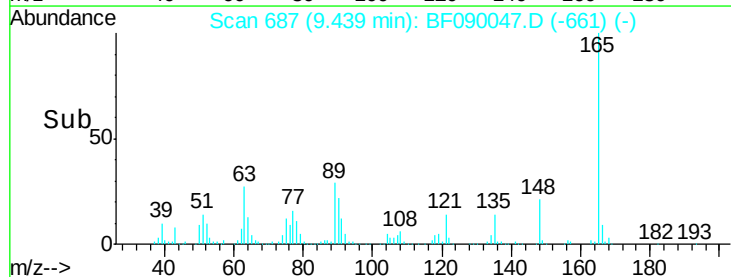
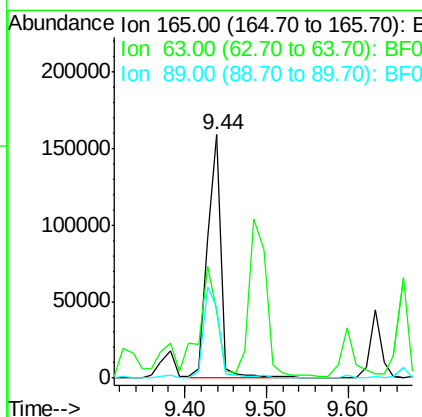
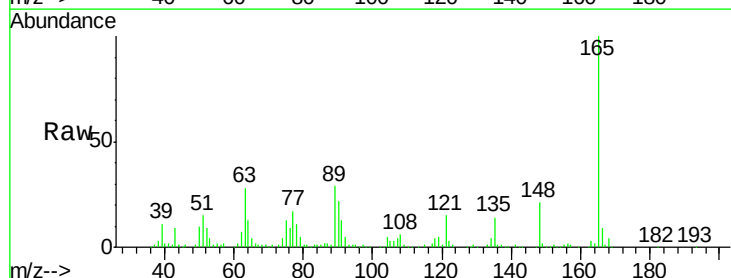
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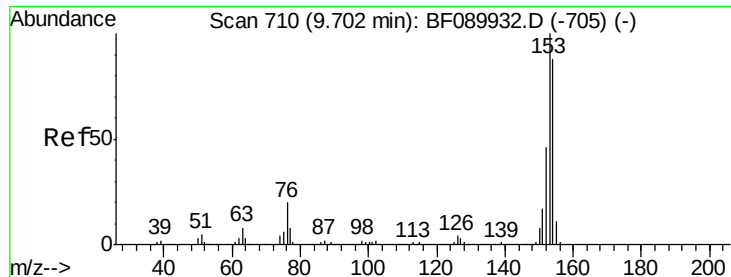
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#50
2,6-Dinitrotoluene
Concen: 36.01 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion:165 Resp: 188805
Ion Ratio Lower Upper
165 100
63 27.6 45.0 67.4#
89 28.9 41.5 62.3#





#51

Acenaphthene

Concen: 36.10 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

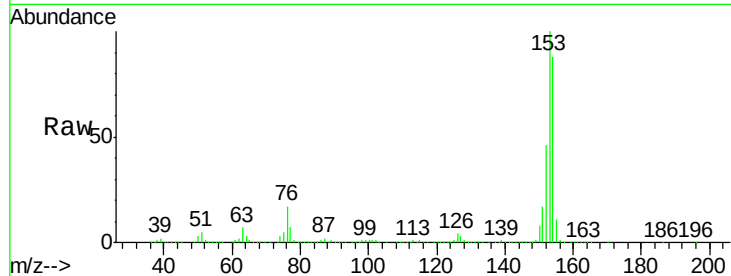
ClientSampleId :

BH-16-0-1FTMSD

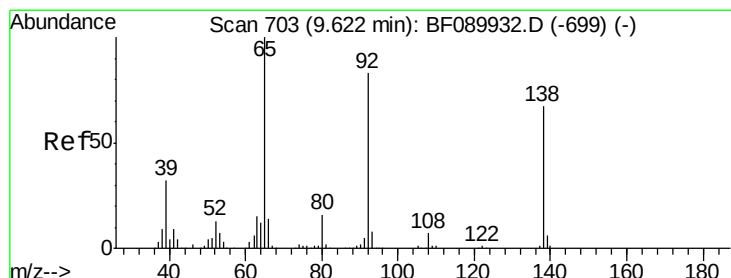
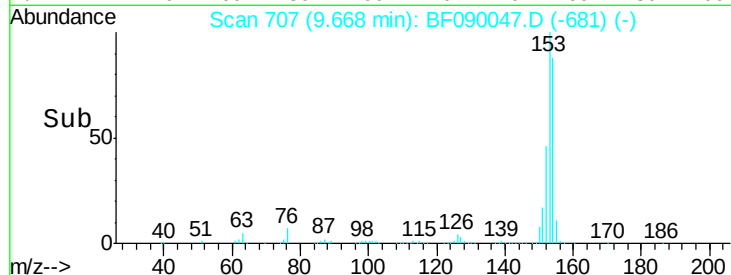
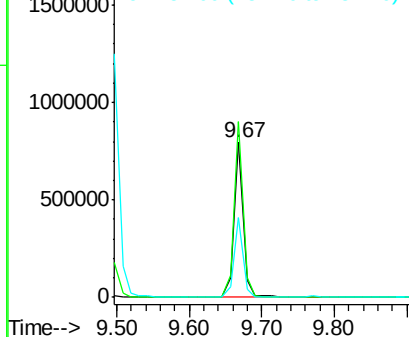
Tgt Ion:	154	Resp:	702516
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.6	135.8
152	51.5	42.4	63.6

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



#52

3-Nitroaniline

Concen: 38.70 ng

RT: 9.60 min Scan# 701

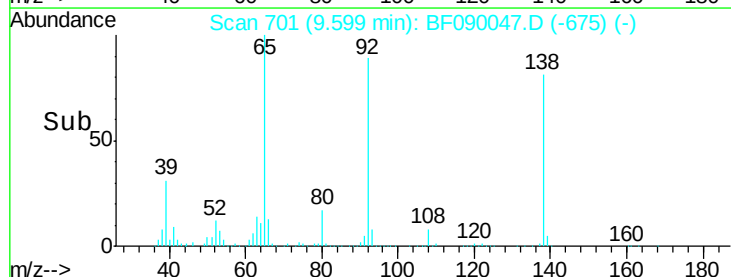
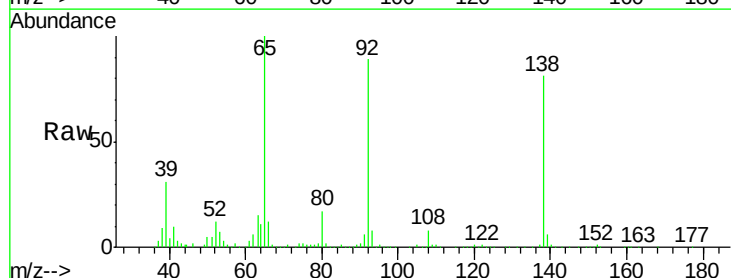
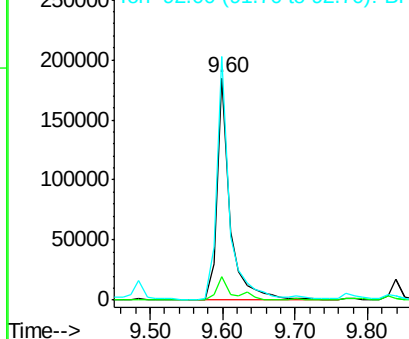
Delta R.T. 0.00 min

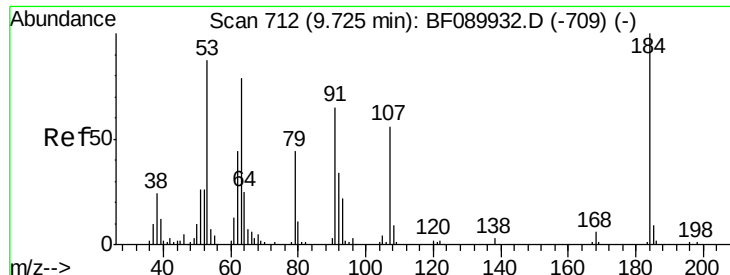
Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	138	Resp:	231405
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.3	12.5
92	109.6	99.1	148.7

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





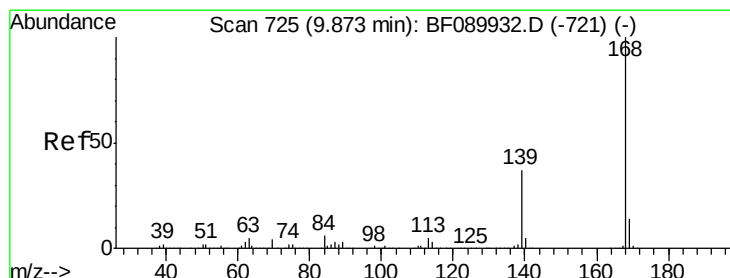
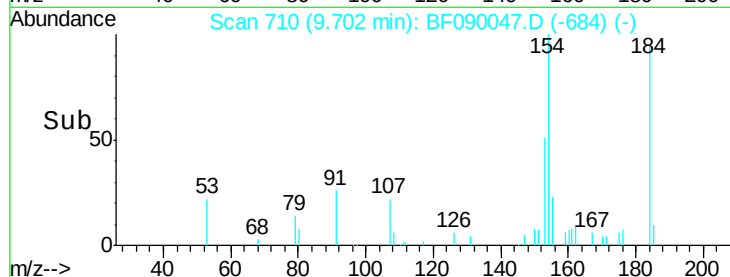
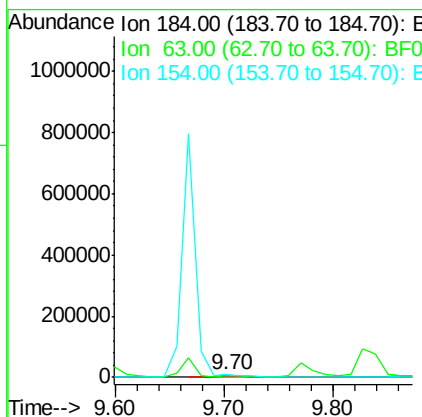
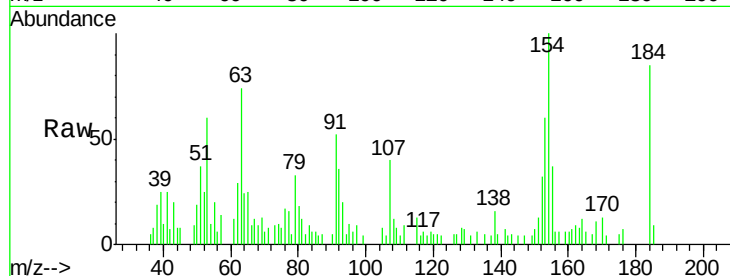
#53
2,4-Dinitrophenol
Concen: 8.92 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	13625		
63	87.1	73.9	110.9	
154	117.5	53.5	80.3#	

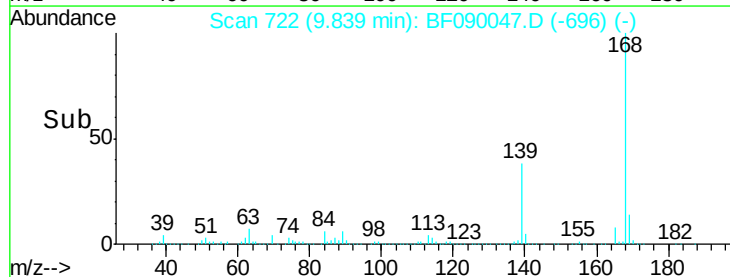
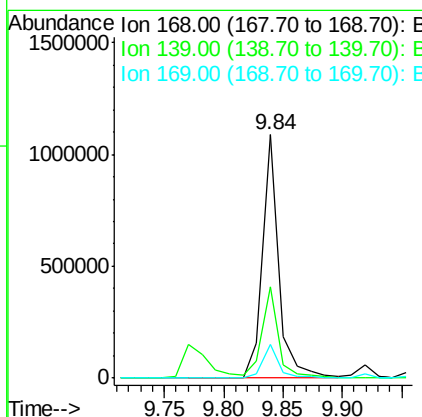
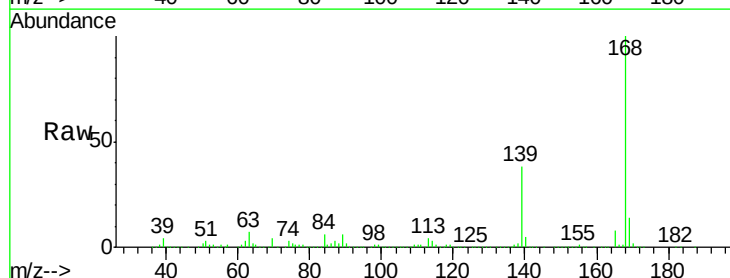
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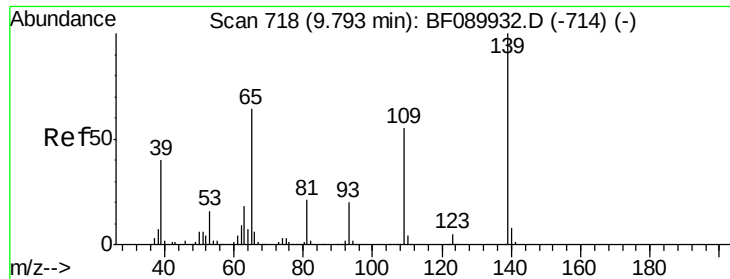
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#54
Dibenzofuran
Concen: 40.46 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1055219		
139	37.7	29.5	44.3	
169	13.8	10.8	16.2	





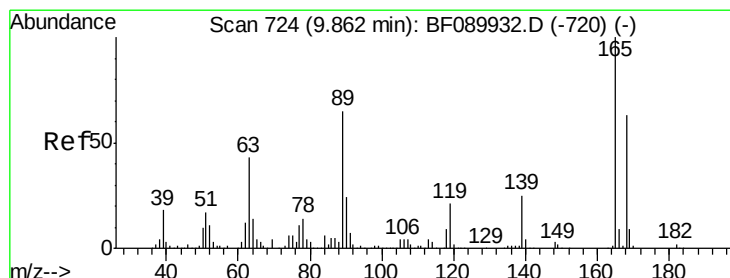
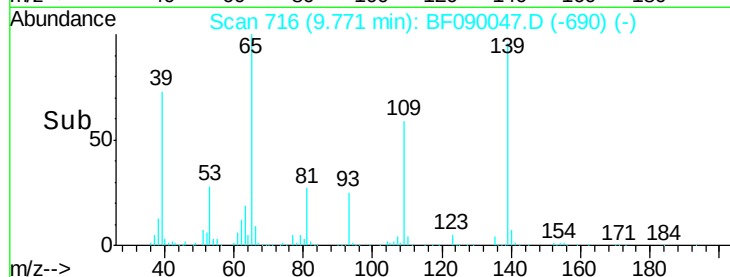
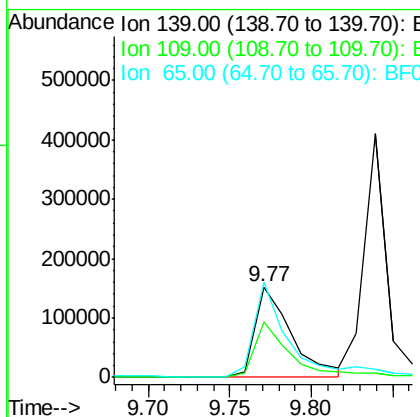
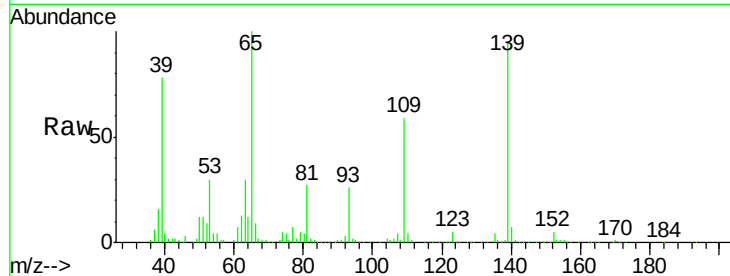
#55
4-Nitrophenol
Concen: 52.57 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	237112		
109	61.7	31.3	71.3	
65	105.3	38.5	78.5#	

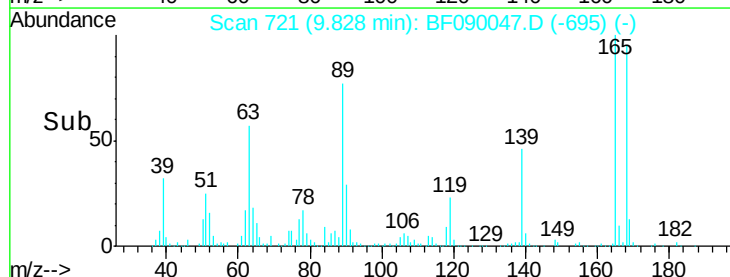
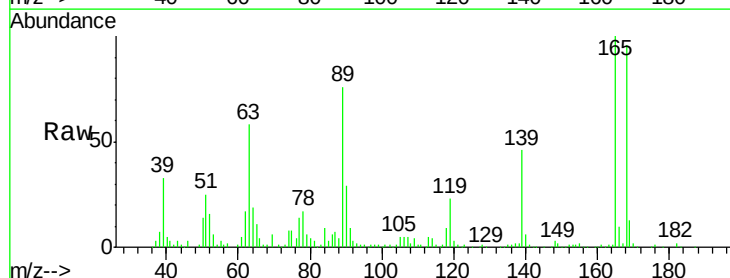
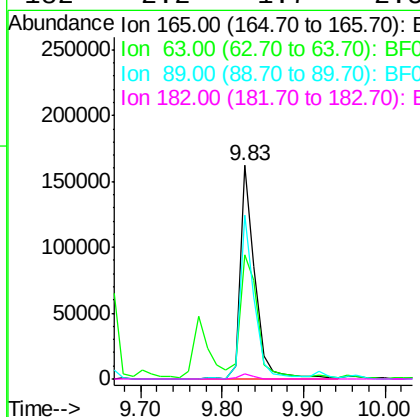
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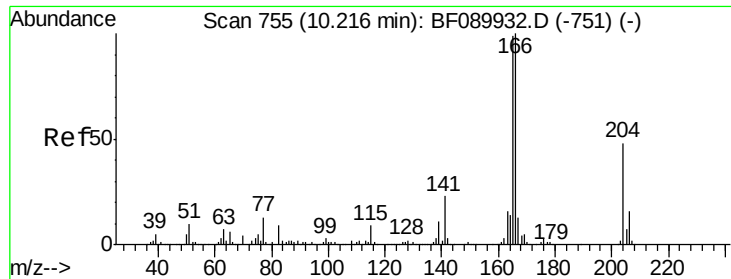
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#56
2,4-Dinitrotoluene
Concen: 30.18 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200653		
63	58.4	32.5	48.7#	
89	76.5	48.3	72.5#	
182	2.2	1.7	2.5	





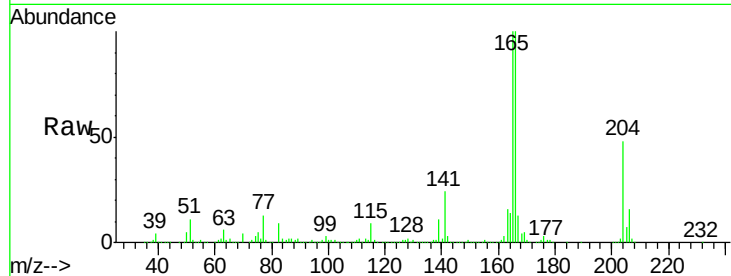
#57
Fluorene
 Concen: 40.94 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	780276		
165	100.2	78.6	118.0	
167	13.5	10.6	15.8	

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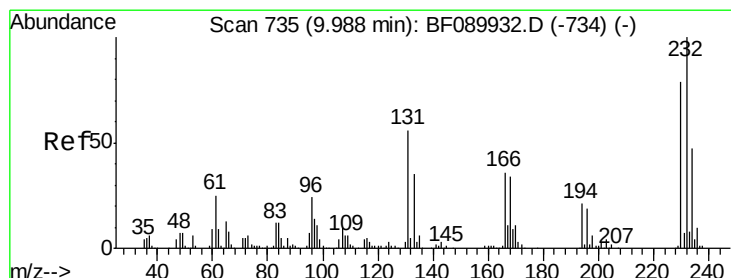
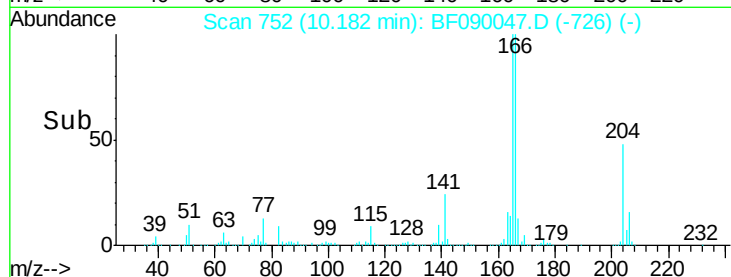
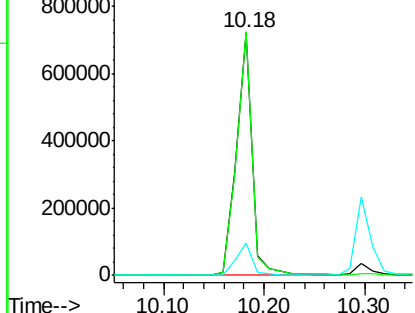


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.14 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213371		
131	39.0	36.3	54.5	
130	2.2	1.7	2.5	
166	28.4	24.4	36.6	

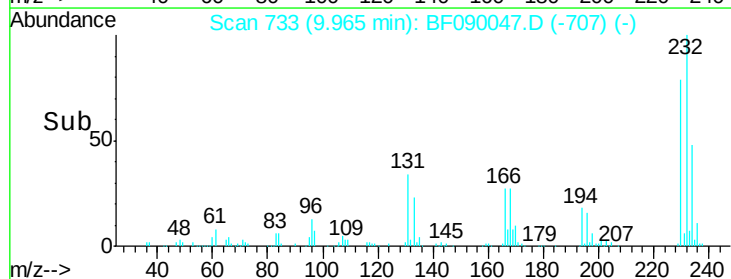
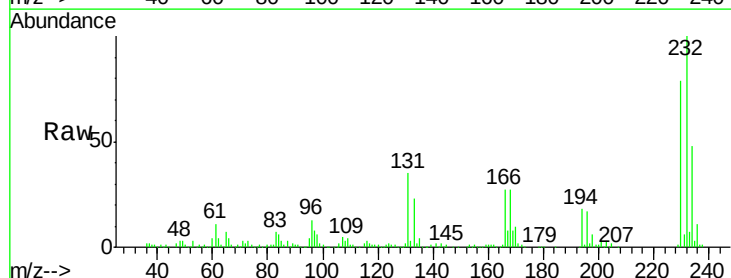
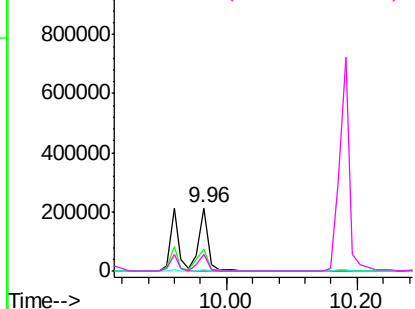
Abundance

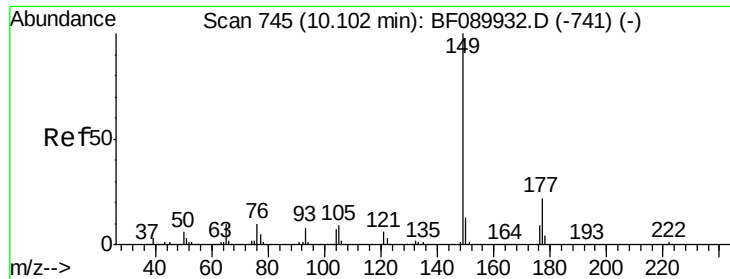
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





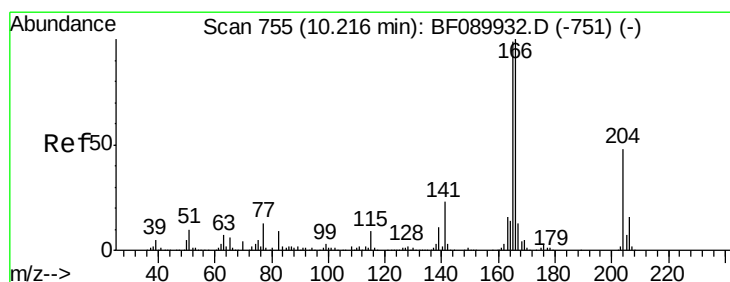
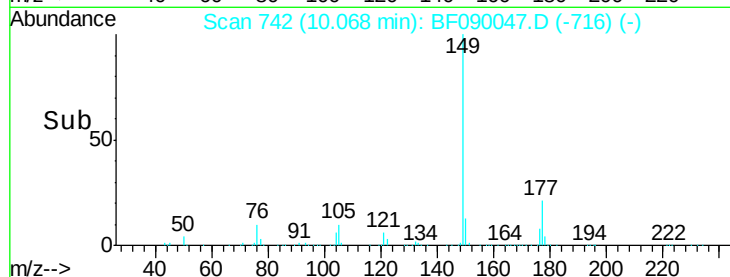
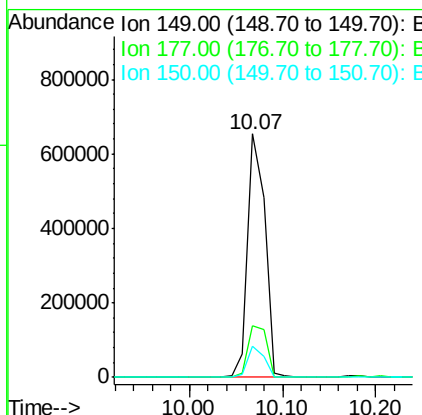
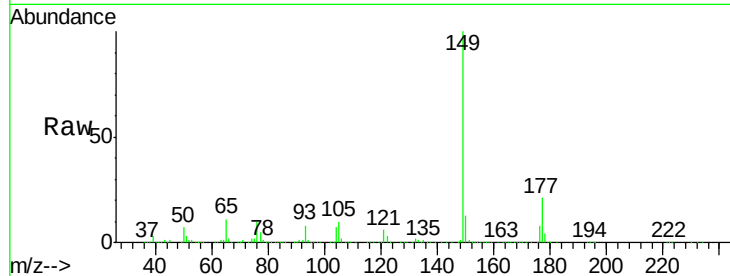
#59
Diethylphthalate
Concen: 37.69 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.7	26.5
150	12.9	10.2	15.2

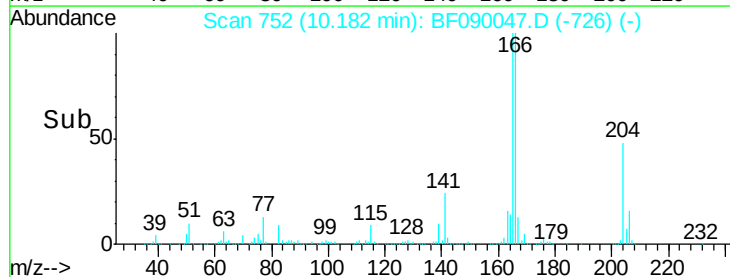
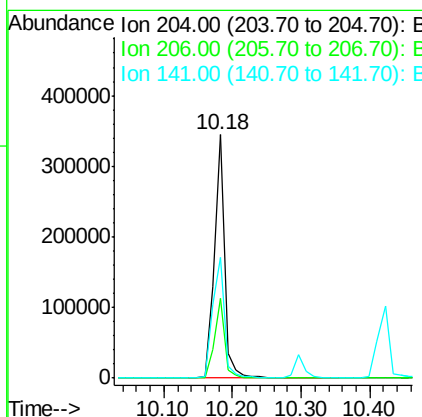
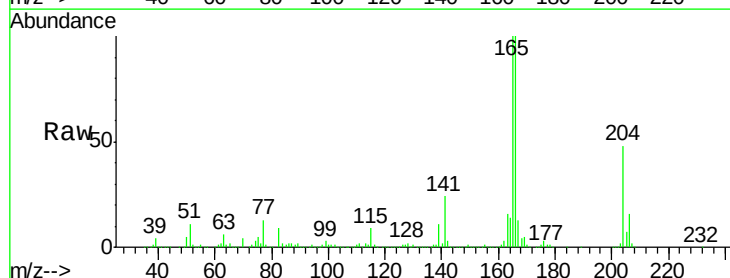
Manual Integrations
APPROVED

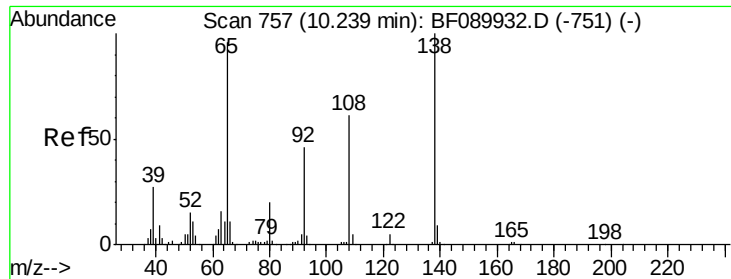
umangi
9/9/2016 11:19:18 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.03 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	49.5	36.5	54.7





#61

4-Nitroaniline

Concen: 35.56 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

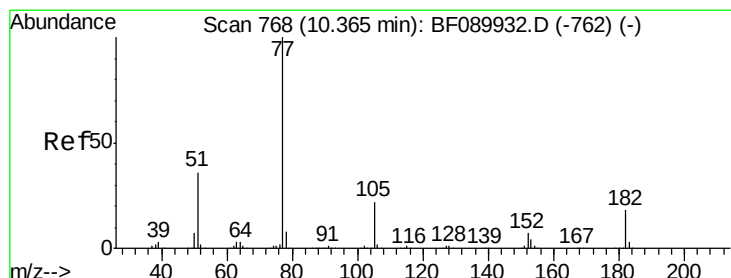
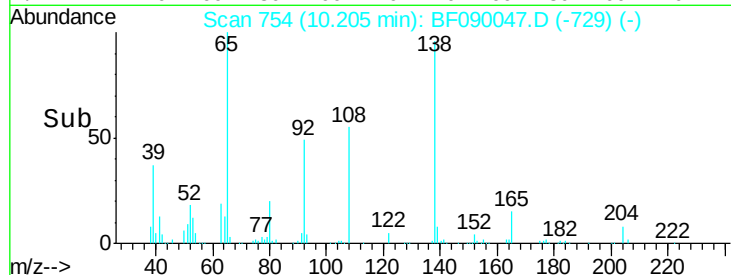
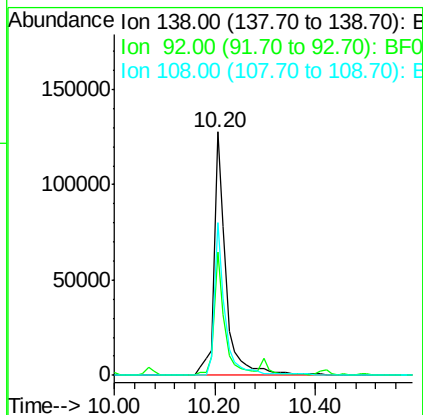
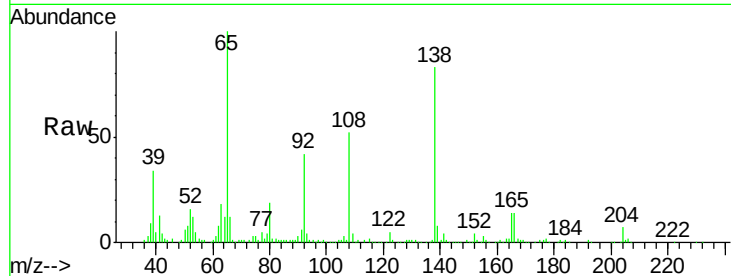
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	138	Resp:	208936
Ion Ratio	Lower	Upper	
138	100		
92	50.7	21.2	61.2
108	63.0	37.7	77.7

Manual Integrations
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#62

Azobenzene

Concen: 36.67 ng

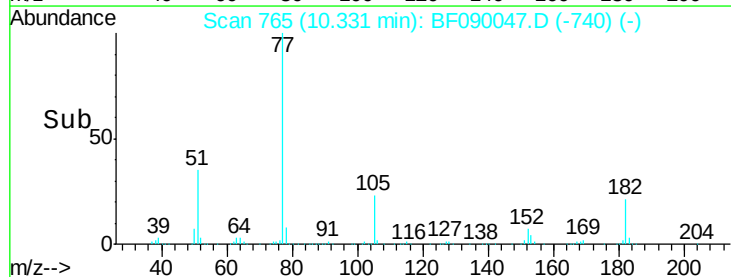
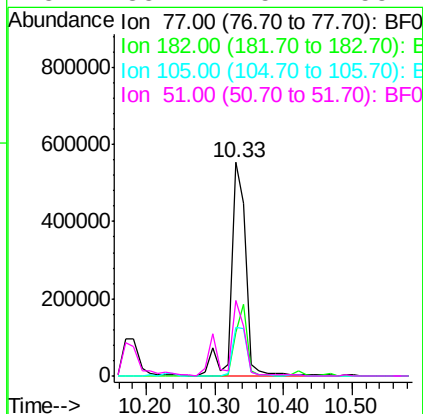
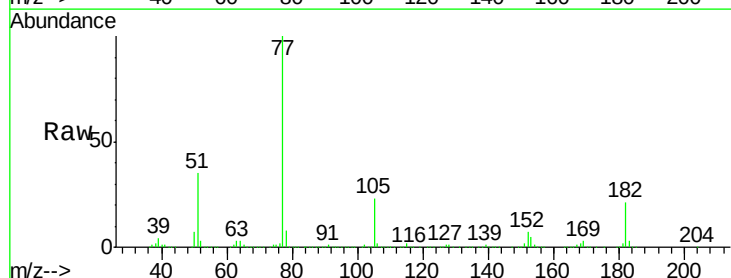
RT: 10.33 min Scan# 765

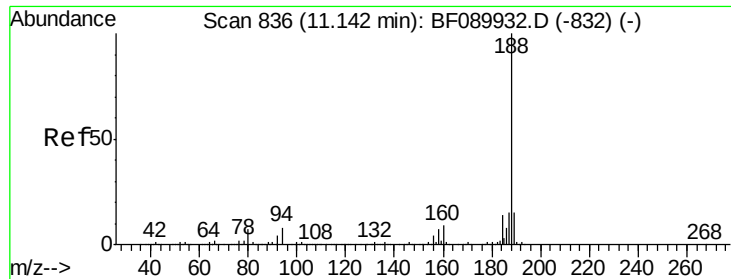
Delta R.T. -0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	77	Resp:	812248
Ion Ratio	Lower	Upper	
77	100		
182	20.6	0.0	38.6
105	22.7	2.3	42.3
51	35.1	15.1	55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

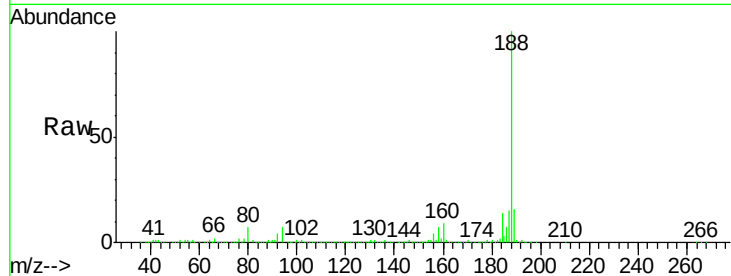
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	188	Resp:	540634
Ion Ratio	Lower	Upper	
188	100		
94	7.5	5.9	8.9
80	7.3	5.8	8.8

Manual Integrations
APPROVED

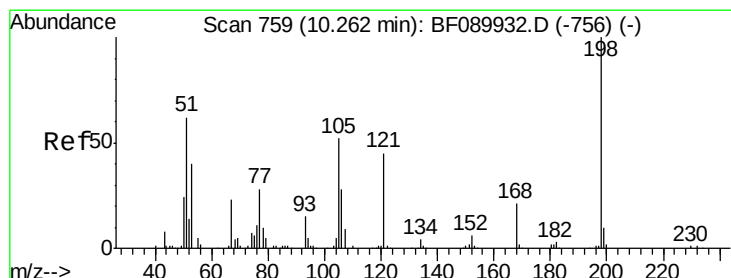
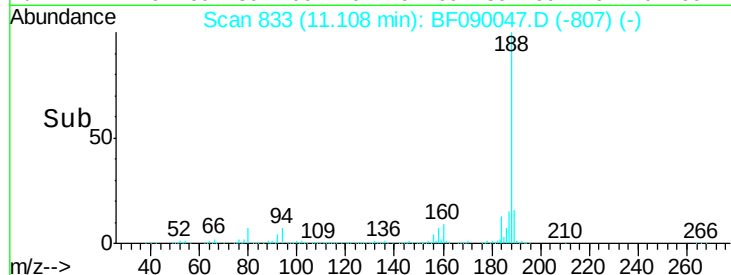
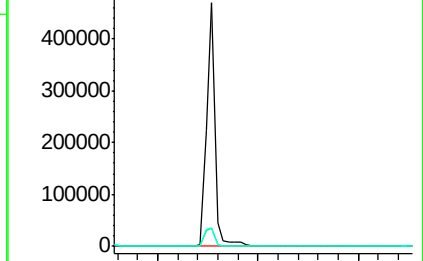
umangi
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.21 ng

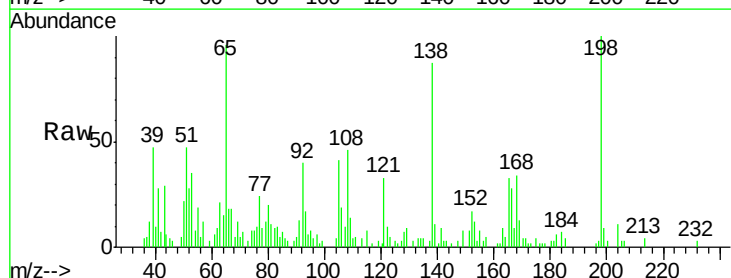
RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

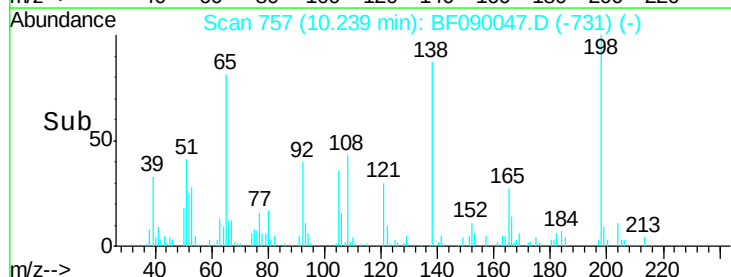
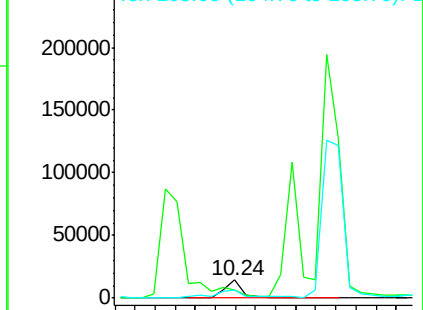
Tgt Ion:	198	Resp:	18048
Ion Ratio	Lower	Upper	
198	100		
51	47.4	43.0	83.0
105	41.3	30.3	70.3

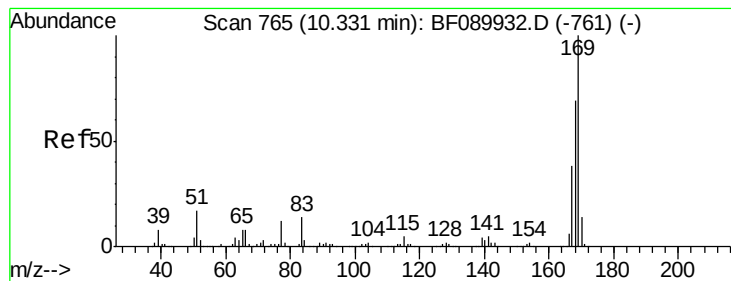


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





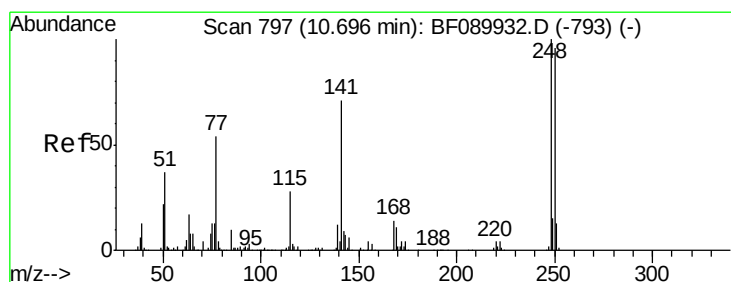
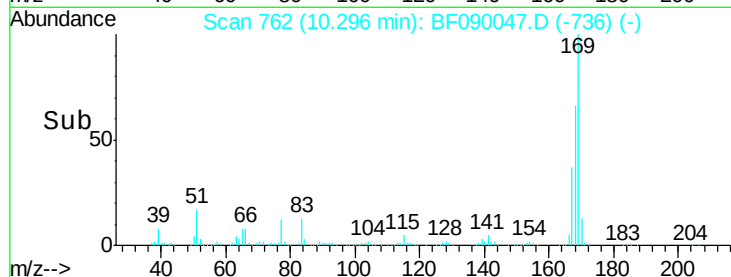
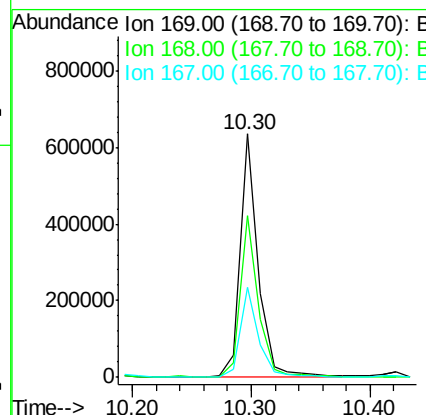
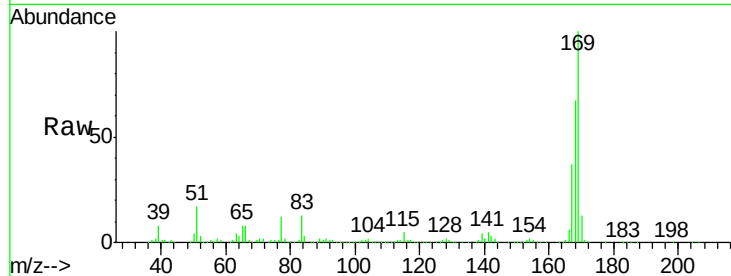
#65
n-Nitrosodiphenylamine
Concen: 41.28 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	670945		
168	66.6	55.0	82.4	
167	37.0	30.5	45.7	

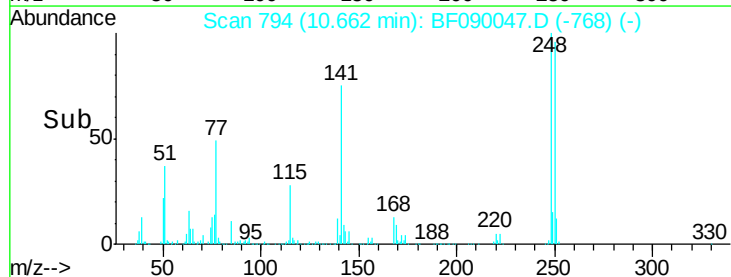
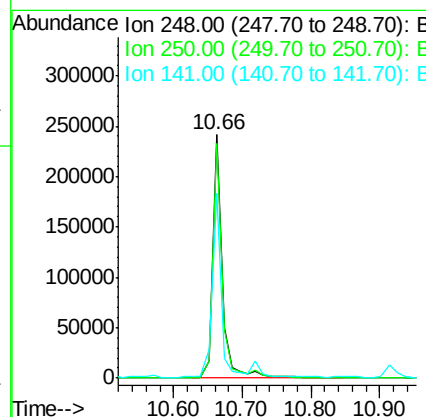
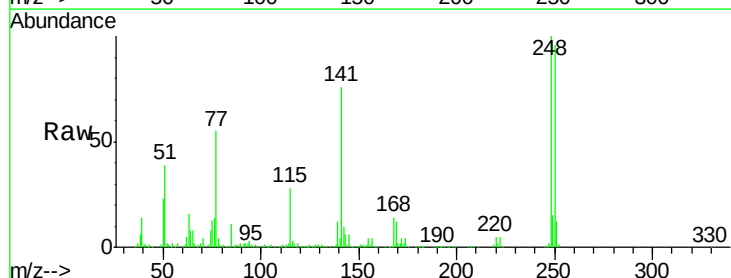
Manual Integrations
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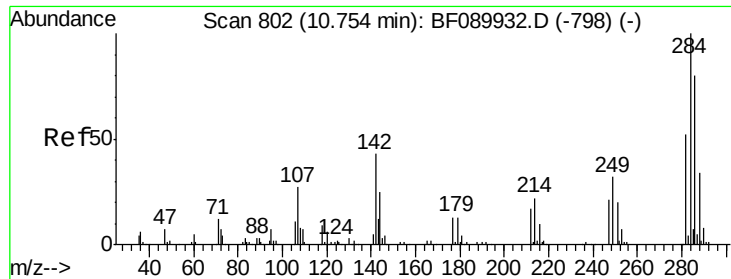
umangi
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#66
4-Bromophenyl-phenylether
Concen: 43.74 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	238055		
250	96.2	77.3	115.9	
141	75.7	55.8	83.8	





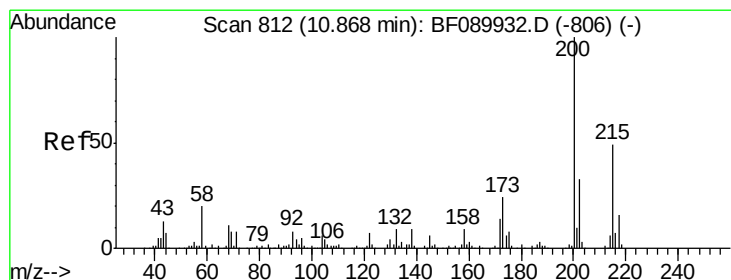
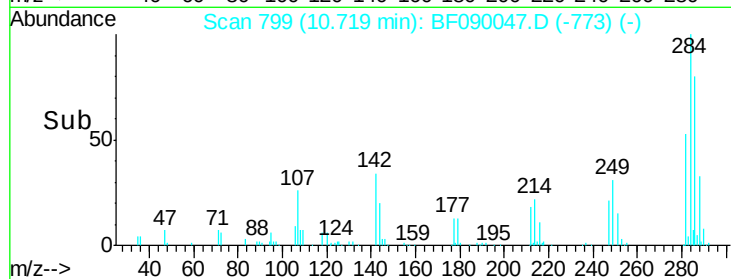
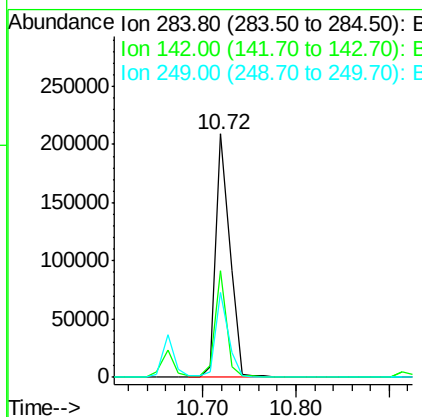
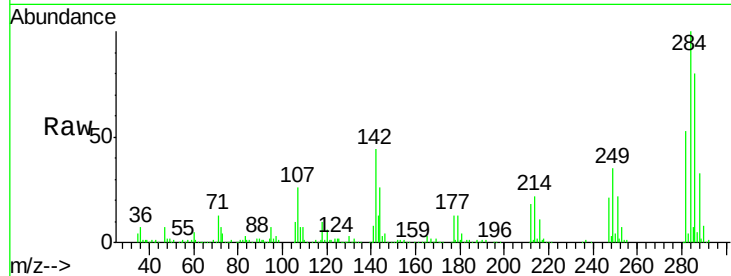
#67
Hexachlorobenzene
Concen: 35.13 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	218411		
142	43.7	32.7	49.1	
249	34.9	26.9	40.3	

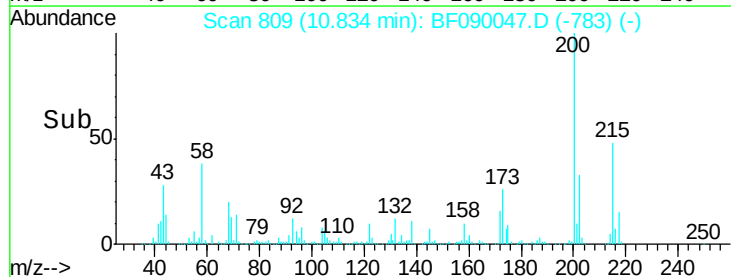
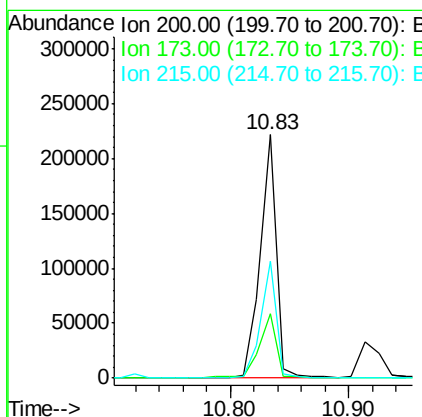
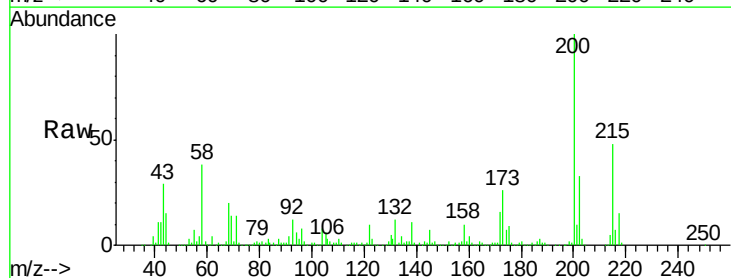
Manual Integrations
APPROVED

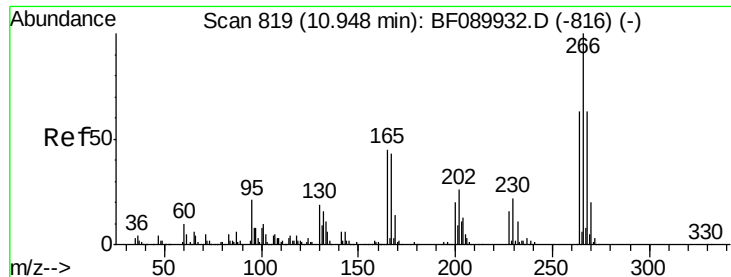
umangi
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#68
Atrazine
Concen: 39.46 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214114		
173	26.5	9.4	49.4	
215	47.8	24.5	64.5	





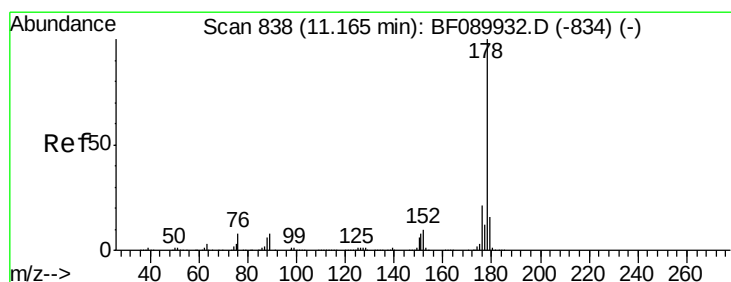
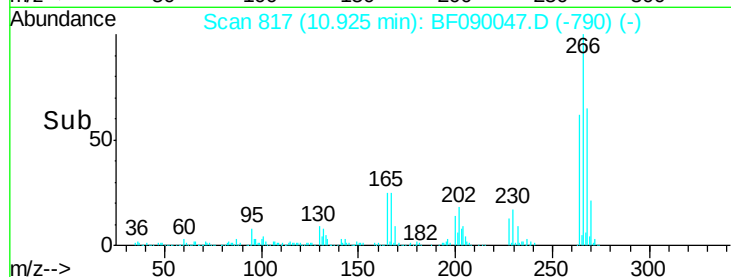
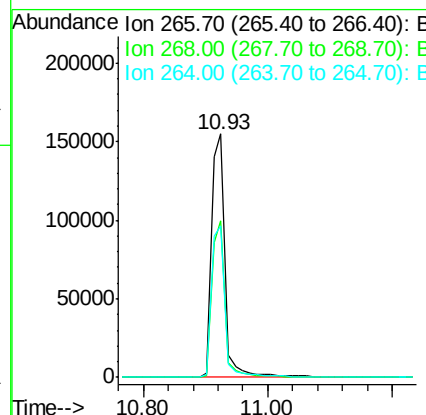
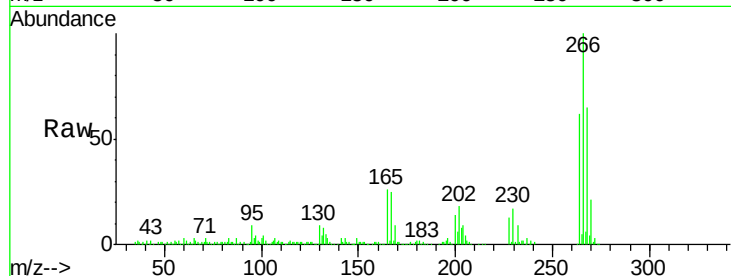
#69
 Pentachlorophenol
 Concen: 69.62 ng
 RT: 10.93 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	232867		
268	64.6	51.0	76.6	
264	62.0	50.6	75.8	

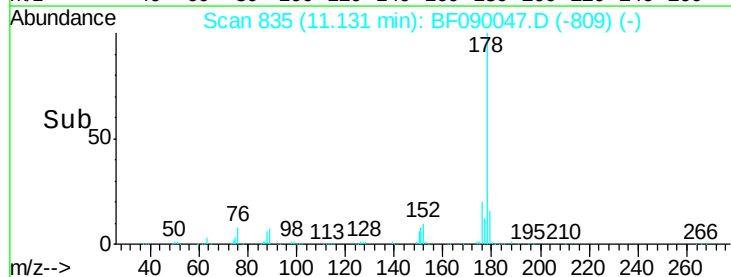
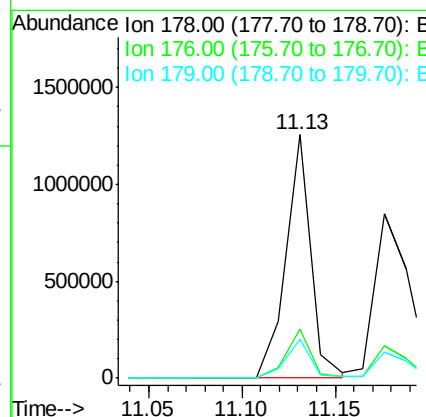
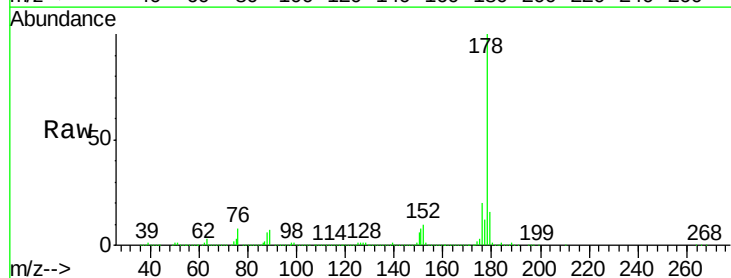
Manual Integrations
 APPROVED

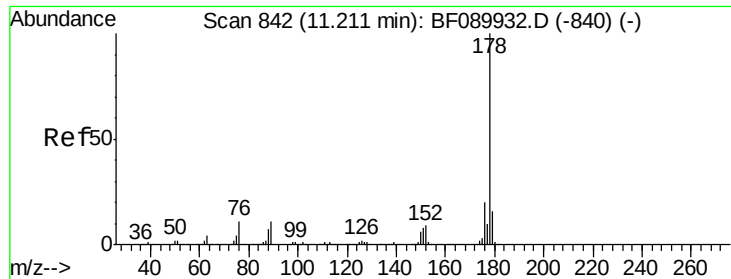
umangi
 9/9/2016 11:19:18 AM



#70
 Phenanthrene
 Concen: 43.34 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1166781		
176	20.3	16.5	24.7	
179	15.7	12.8	19.2	





#71

Anthracene

Concen: 40.99 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:178 Resp: 1119360

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

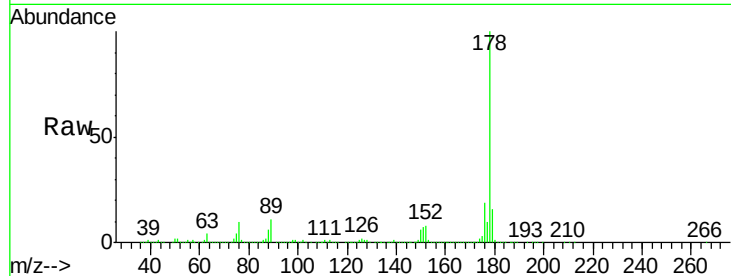
179 15.6 13.0 19.4

Manual Integrations

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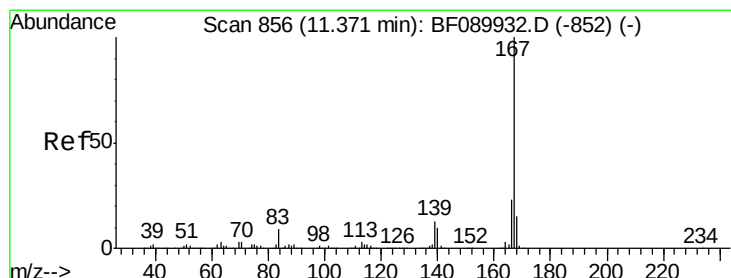
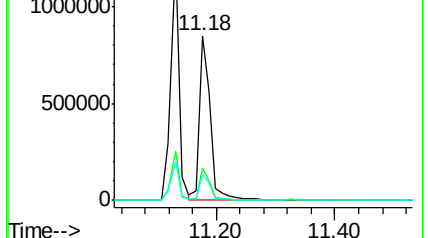
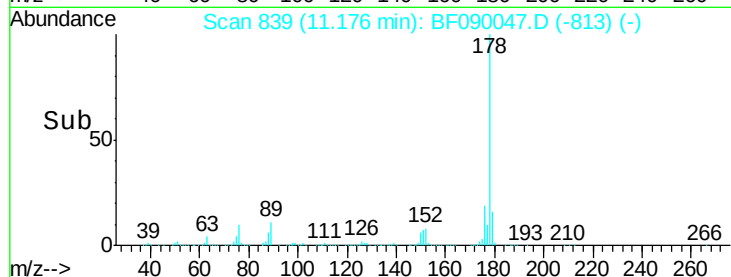
9/9/2016 11:19:18 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.48 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

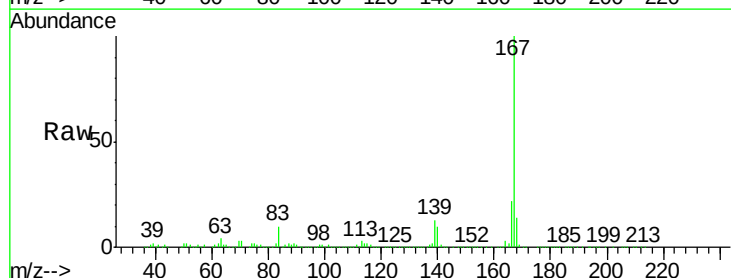
Tgt Ion:167 Resp: 985348

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

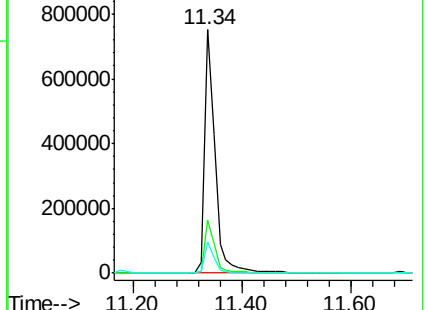
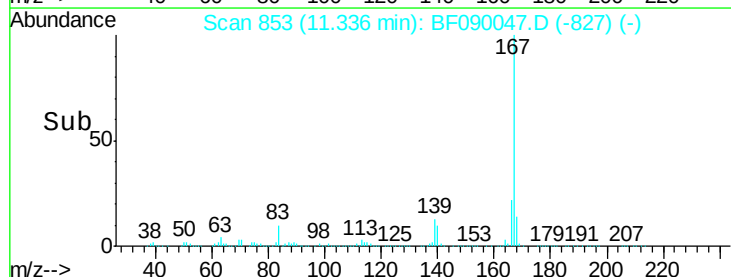
139 13.0 10.4 15.6

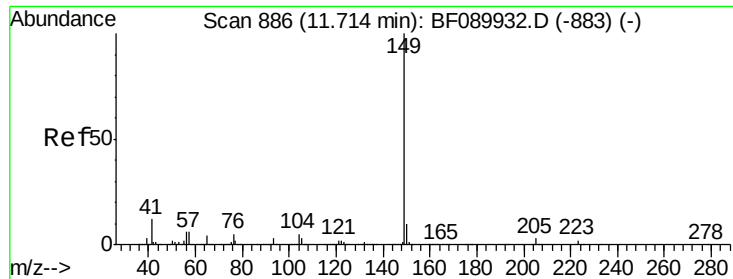


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

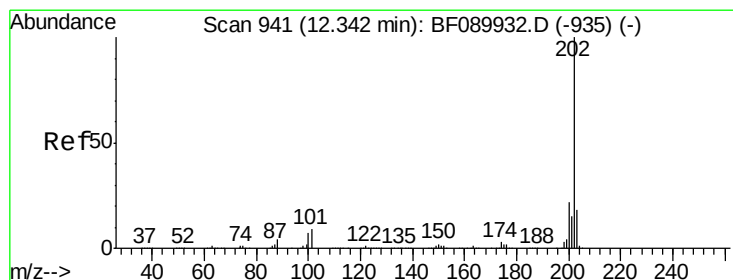
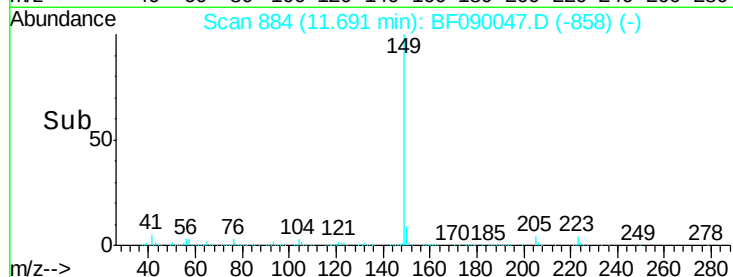
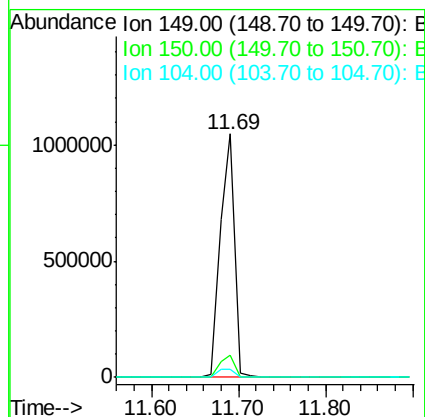
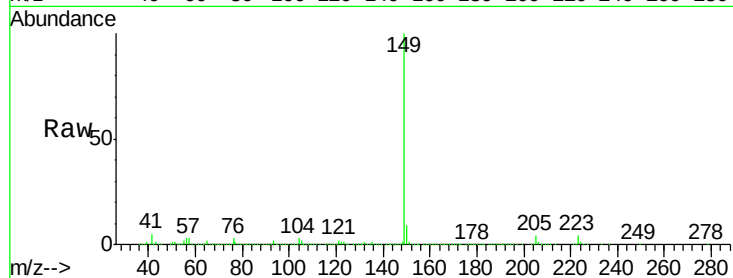
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.8
104	3.4	3.9	5.9

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#74

Fluoranthene

Concen: 46.36 ng

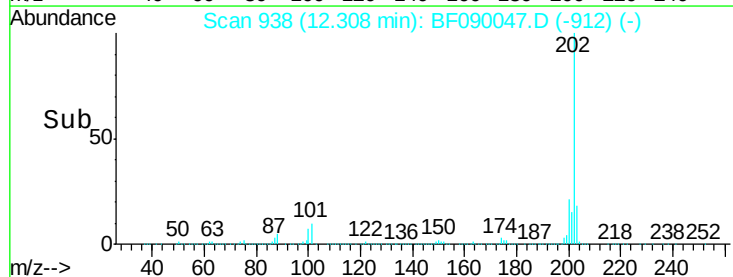
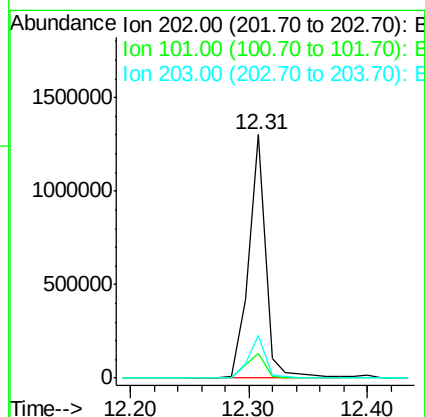
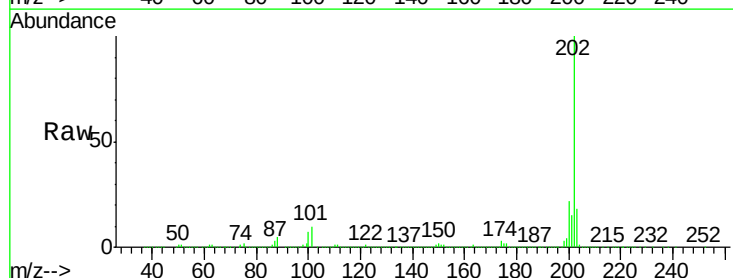
RT: 12.31 min Scan# 938

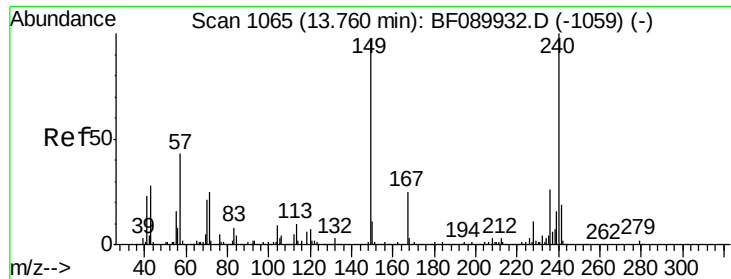
Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.5
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

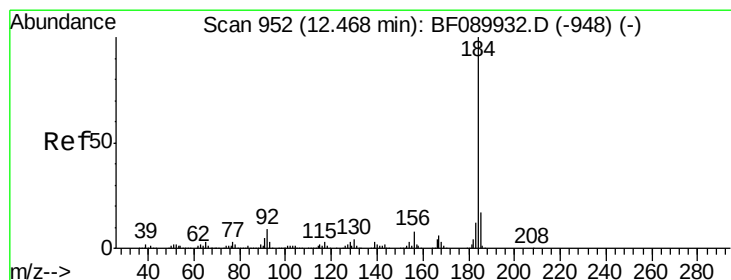
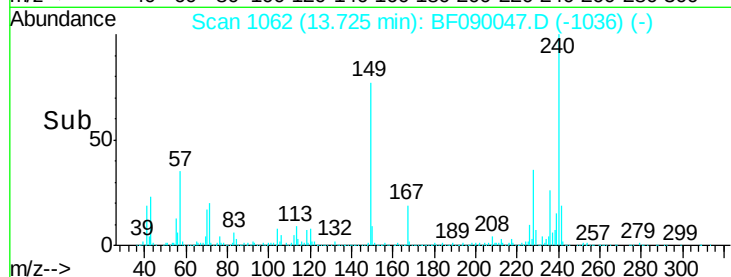
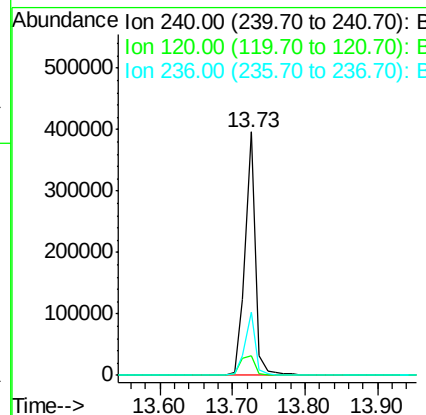
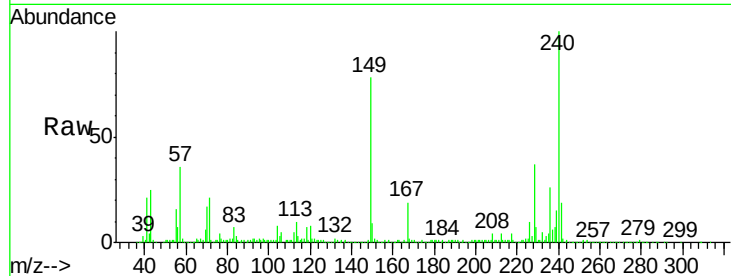
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.7	8.5
236	26.2	21.3	31.9

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#76

Benzidine

Concen: 10.60 ng

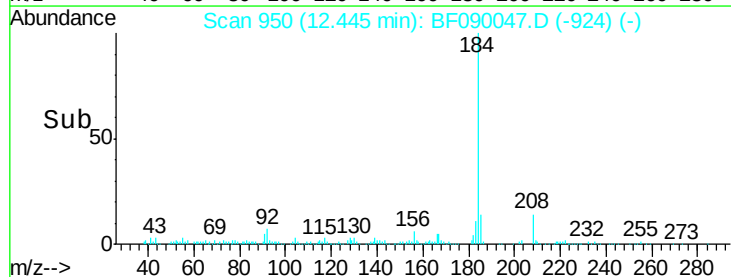
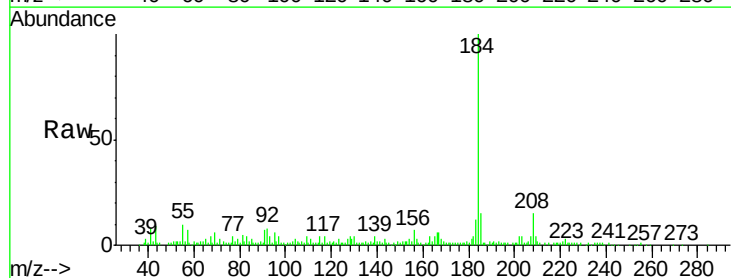
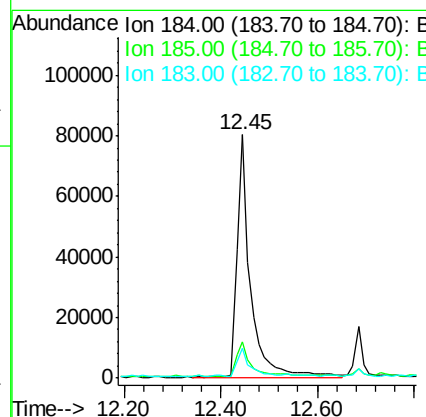
RT: 12.45 min Scan# 950

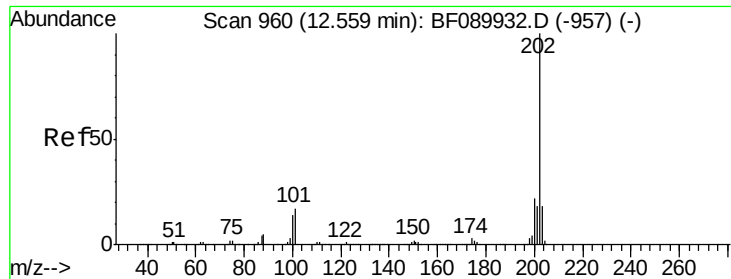
Delta R.T. 0.00 min

Lab File: BF090047.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.8	20.8
183	12.1	9.6	14.4





#77

Pyrene

Concen: 44.72 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:202 Resp: 1241560

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

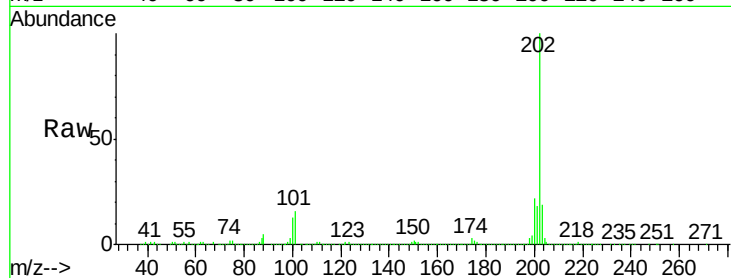
203 18.9 14.6 21.8

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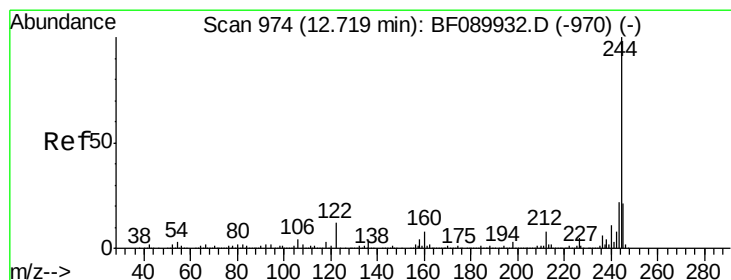
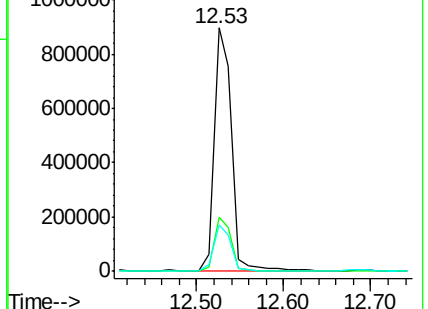
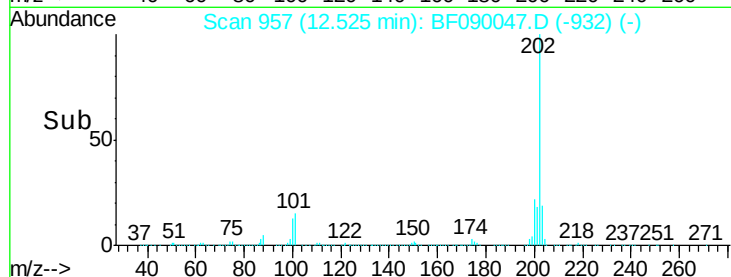
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.65 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

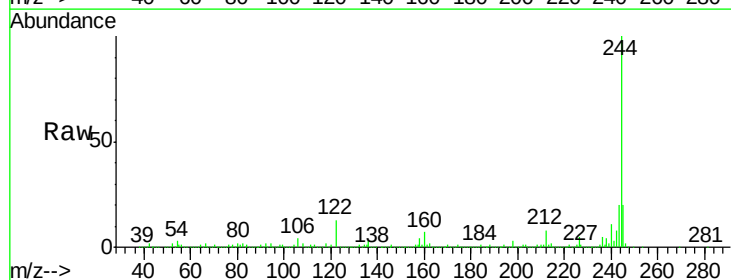
Tgt Ion:244 Resp: 1317307

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

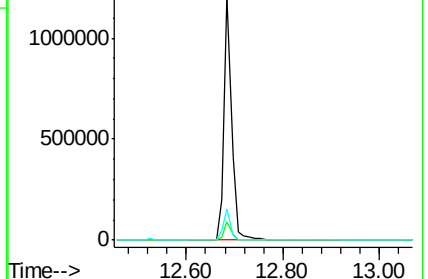
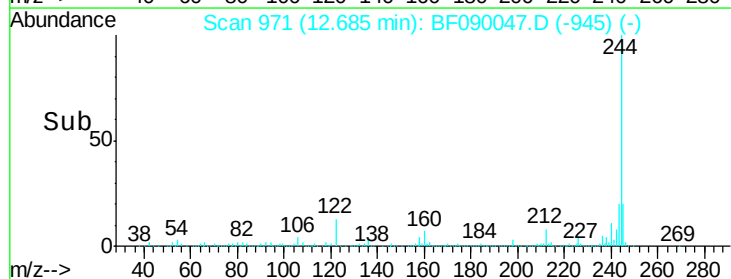
122 12.7 9.6 14.4

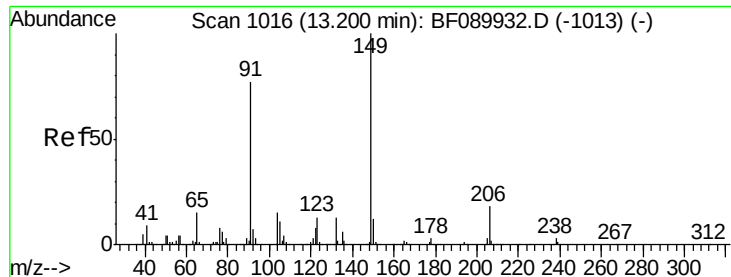


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.80 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

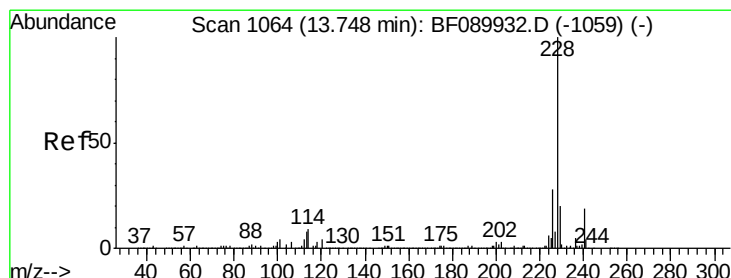
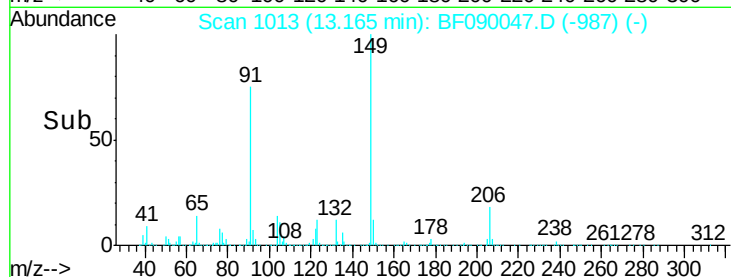
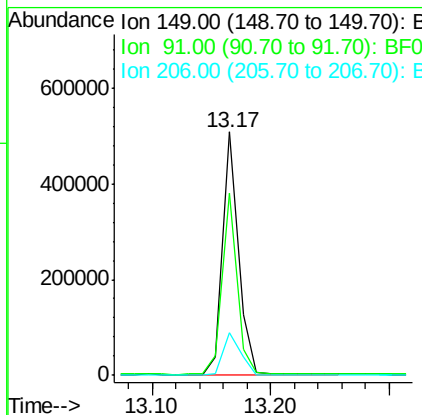
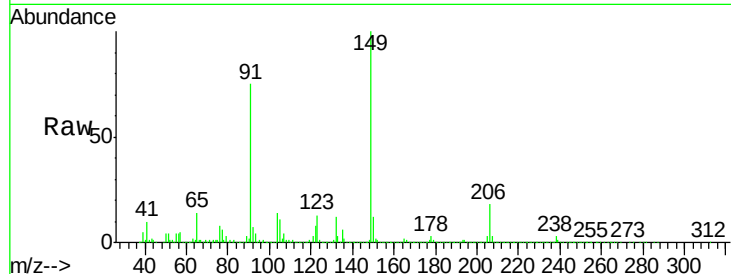
ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	149	Resp:	468005
Ion Ratio	Lower	Upper	
149	100		
91	74.7	60.0	90.0
206	17.5	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 42.62 ng

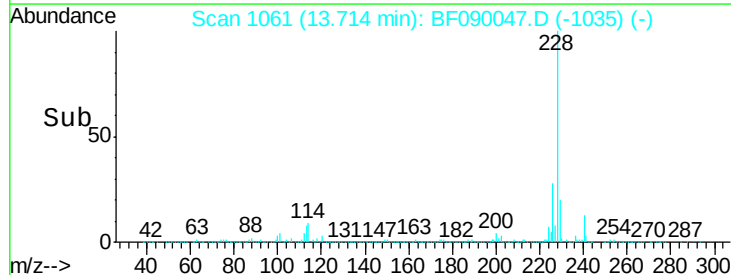
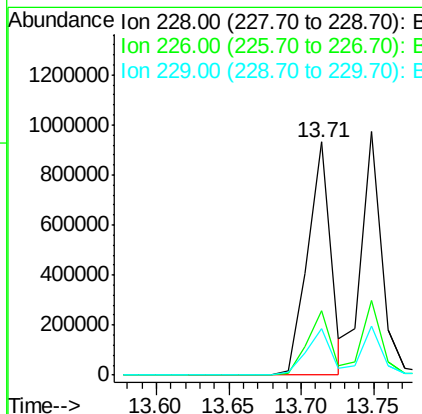
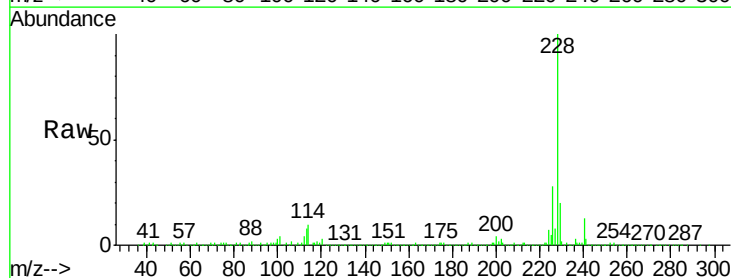
RT: 13.71 min Scan# 1061

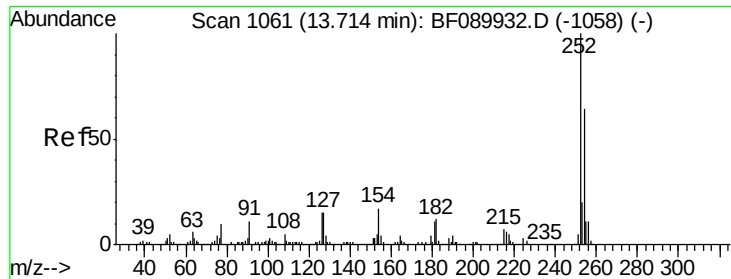
Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Tgt Ion:	228	Resp:	1027872
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.2	33.2
229	20.0	15.8	23.6





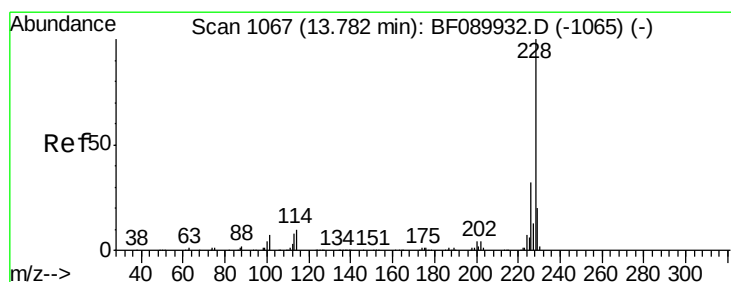
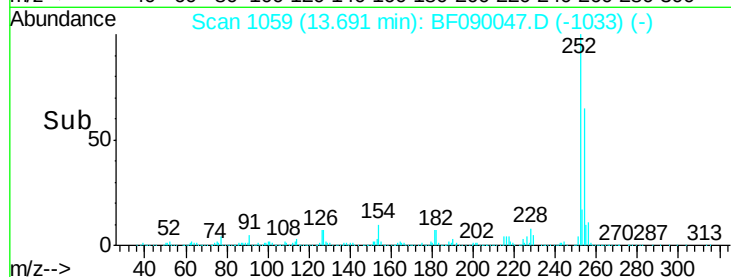
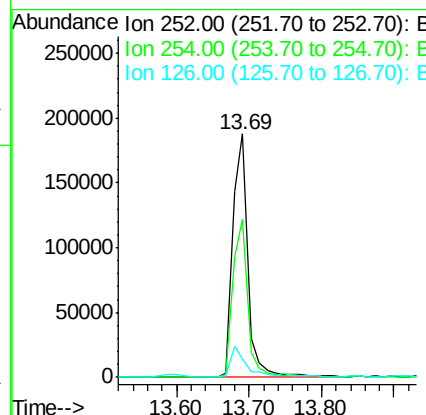
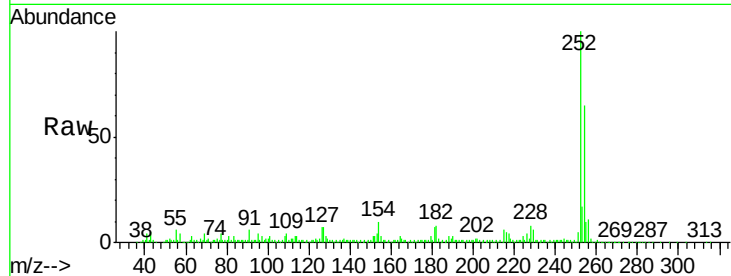
#81
 3,3'-Dichlorobenzidine
 Concen: 30.82 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	51.3	76.9
126	7.5	12.3	18.5

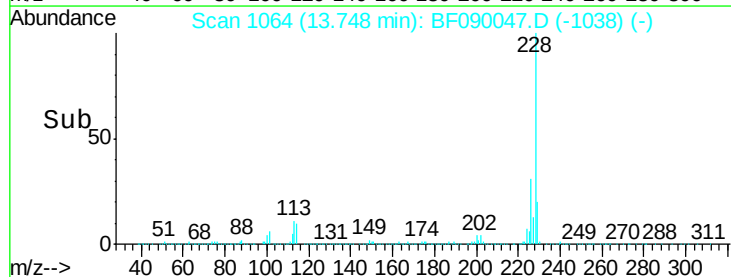
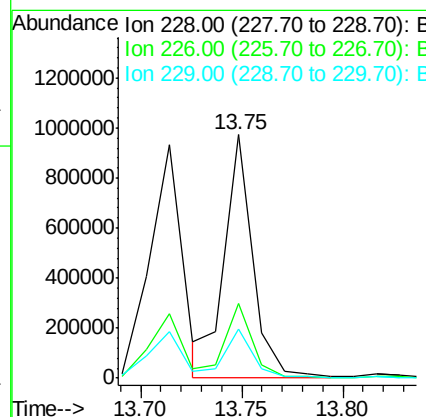
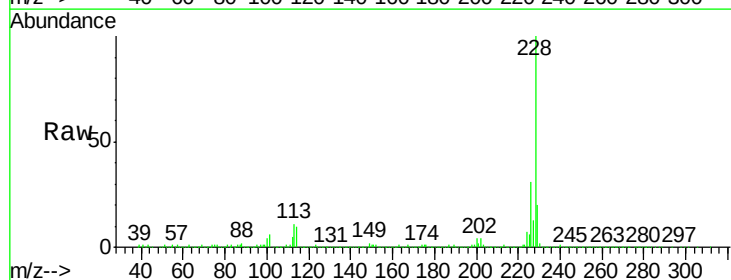
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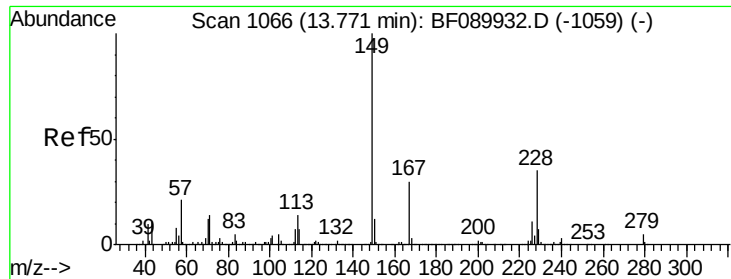
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#82
 Chrysene
 Concen: 42.32 ng m
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.2	37.8
229	20.2	16.2	24.2





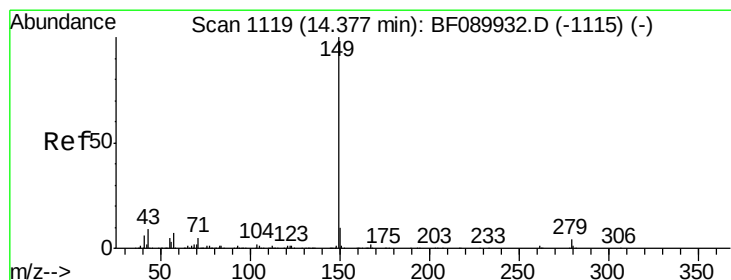
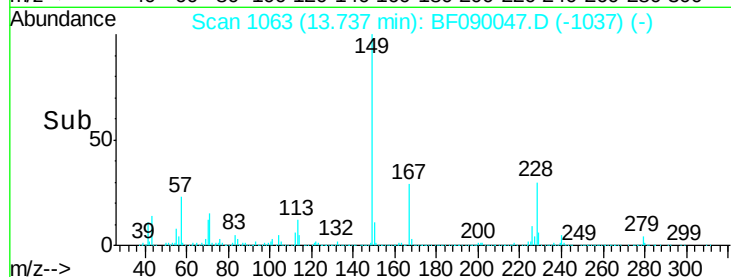
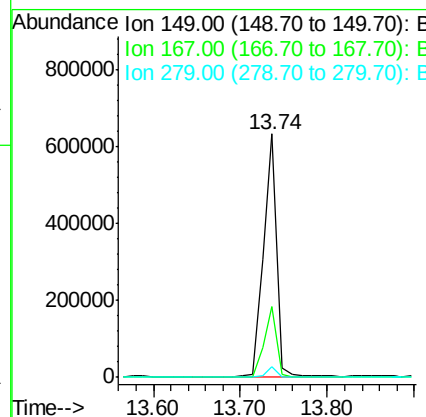
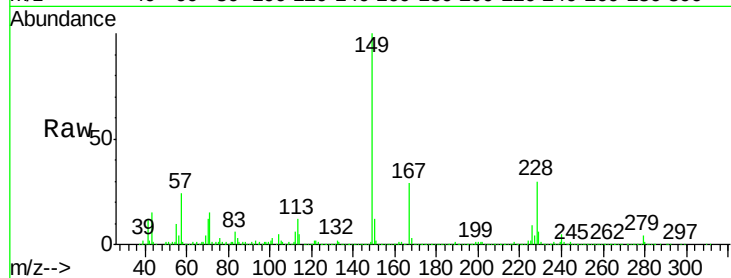
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.16 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	668375		
167	29.1	23.6	35.4	
279	4.2	3.4	5.2	

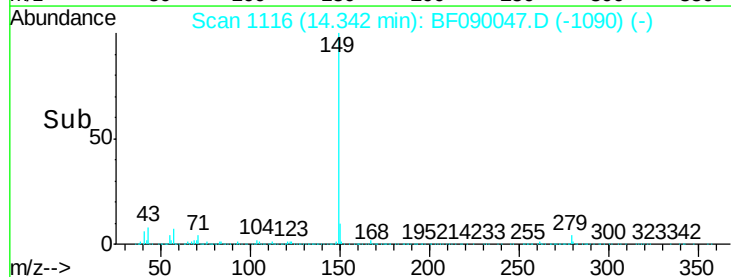
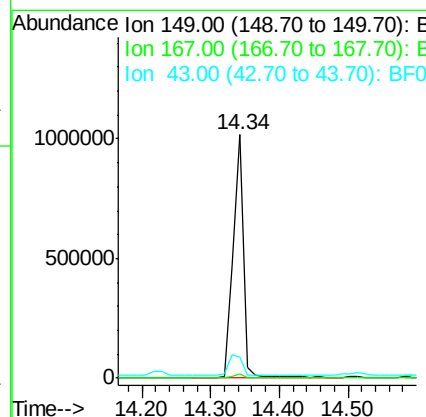
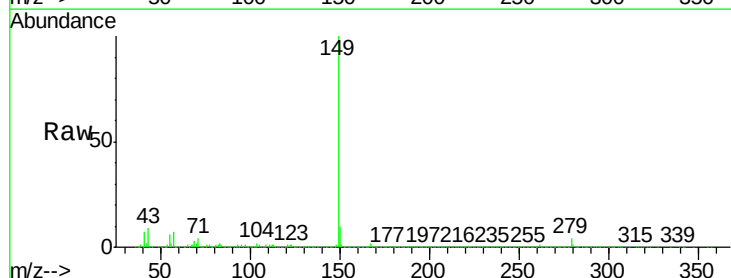
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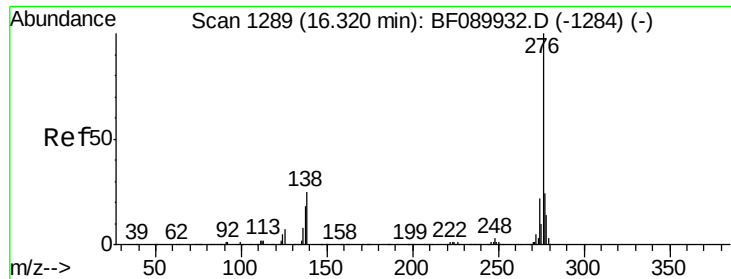
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#84
 Di-n-octyl phthalate
 Concen: 42.88 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1071606		
167	1.7	1.2	1.8	
43	11.4	9.3	13.9	





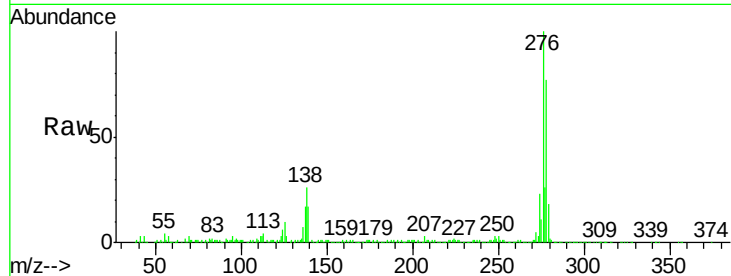
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.76 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 BH-16-0-1FTMSD

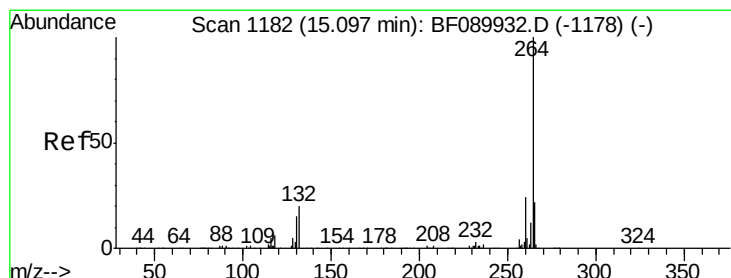
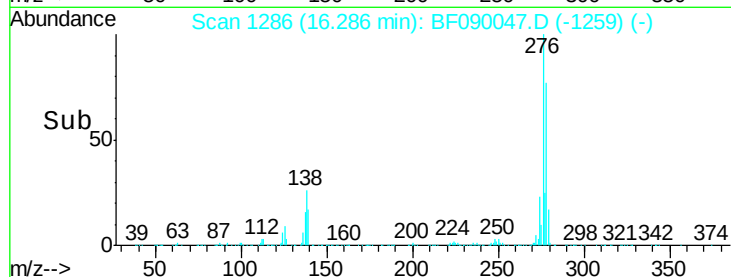
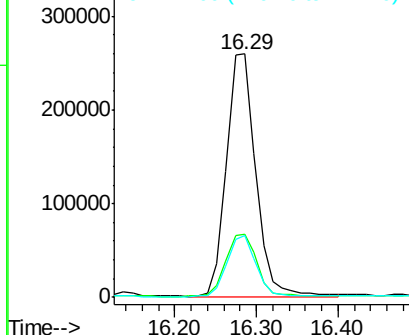
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.6	34.0
277	24.9	20.1	30.1

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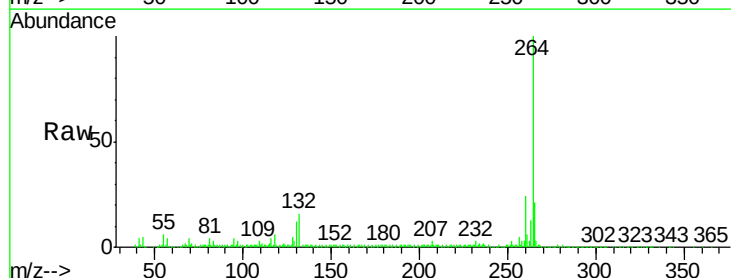


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

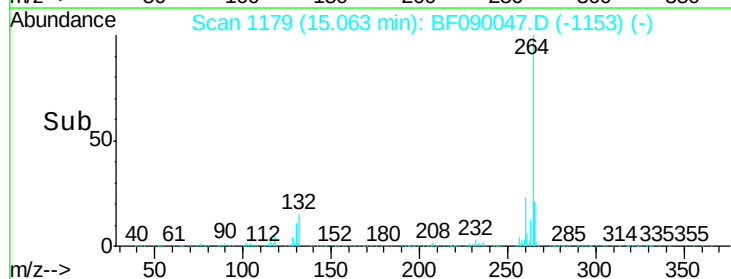
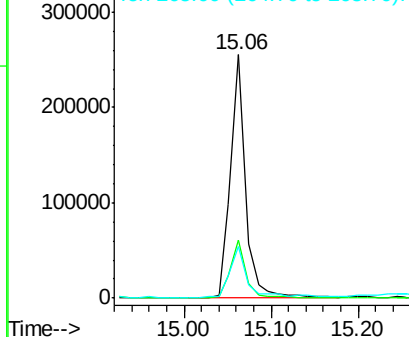


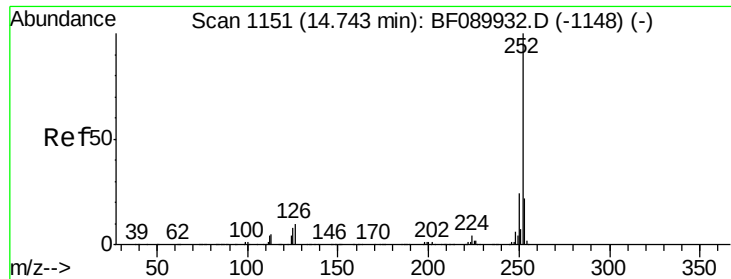
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF090047.D
 Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.4	26.2



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





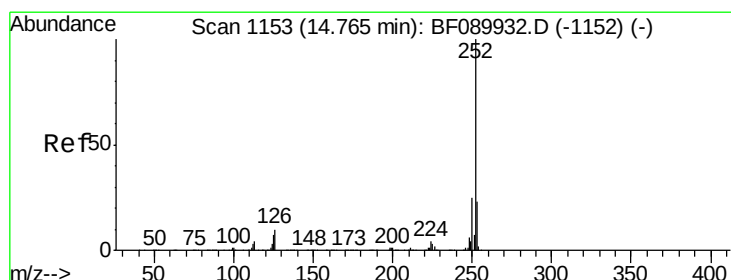
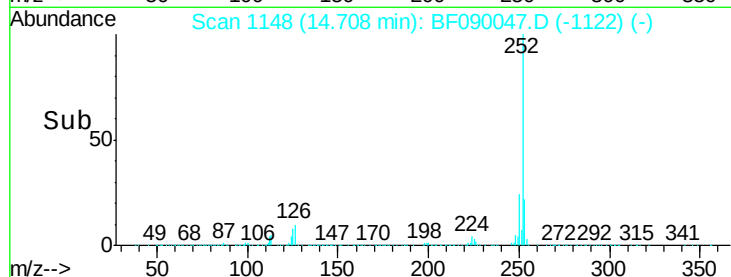
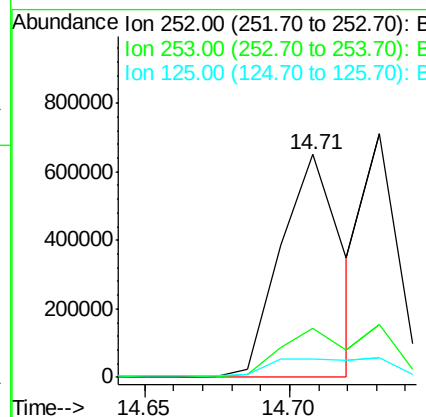
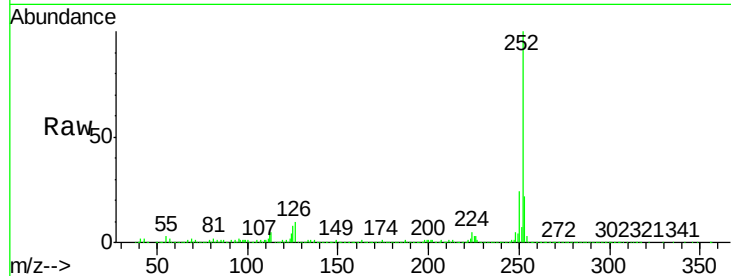
#87
Benzo(b)fluoranthene
Concen: 50.54 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion: 252 Resp: 966490
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.3 5.7 8.5

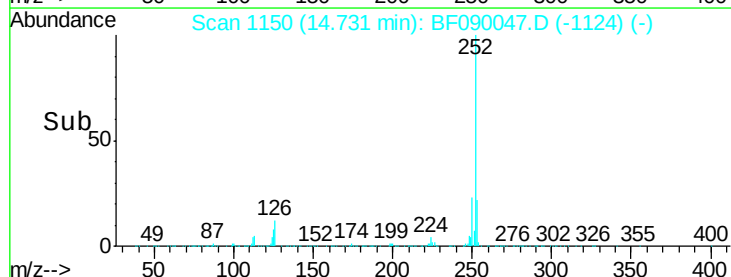
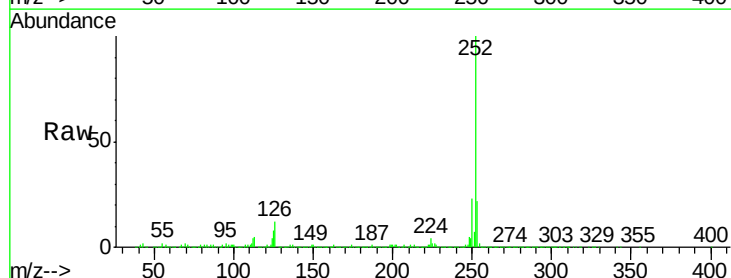
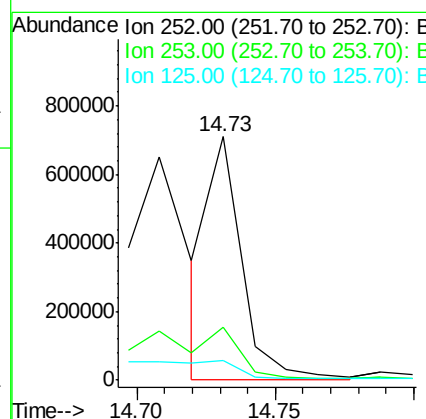
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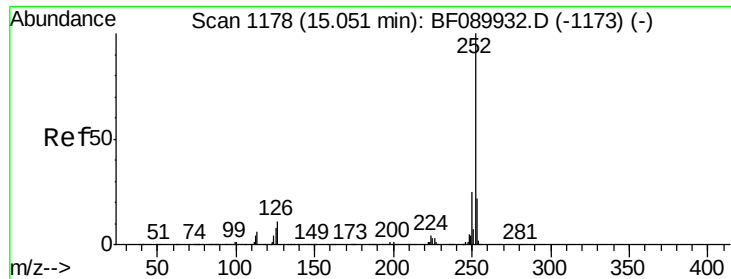
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#88
Benzo(k)fluoranthene
Concen: 36.53 ng m
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion: 252 Resp: 592832
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.3 7.3 10.9





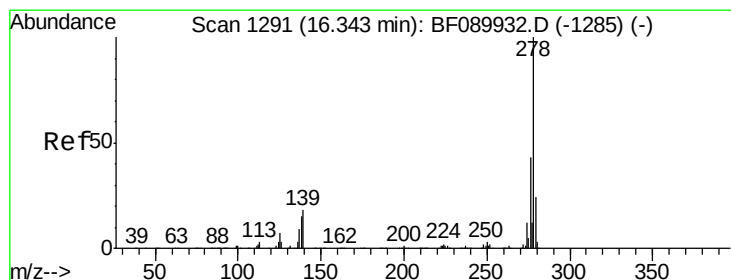
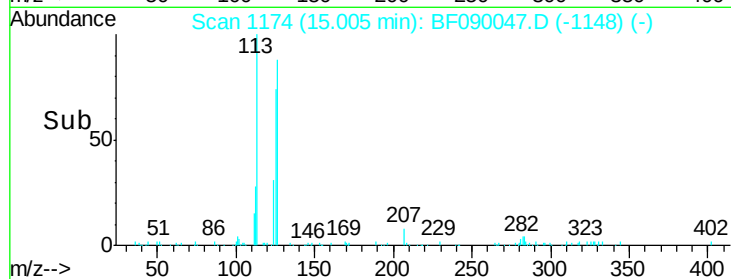
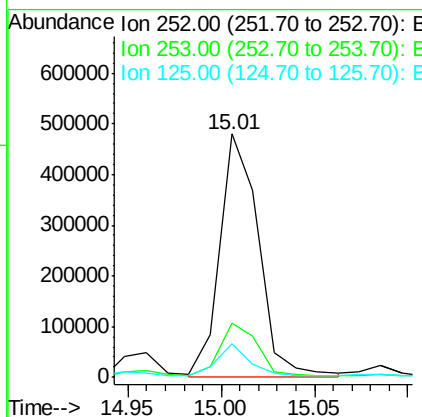
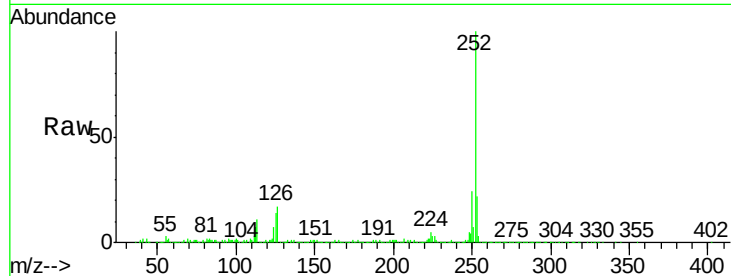
#89
Benzo(a)pyrene
Concen: 42.22 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	691821		
253	22.2	17.5	26.3	
125	13.7	6.3	9.5#	

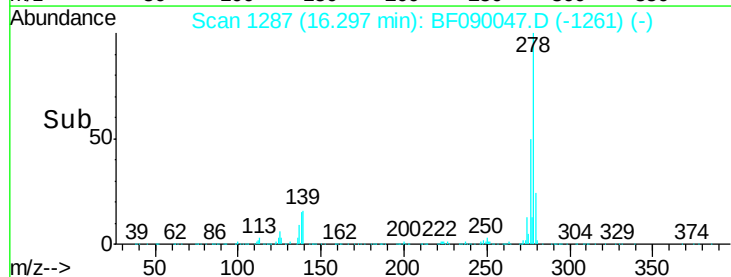
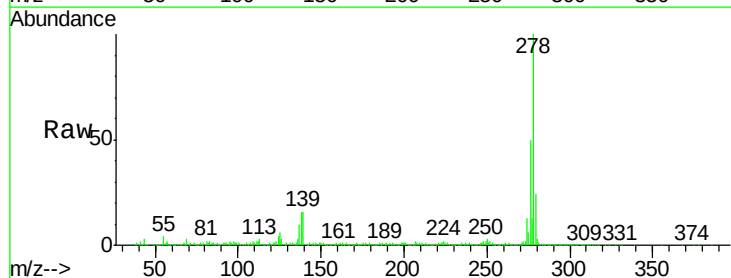
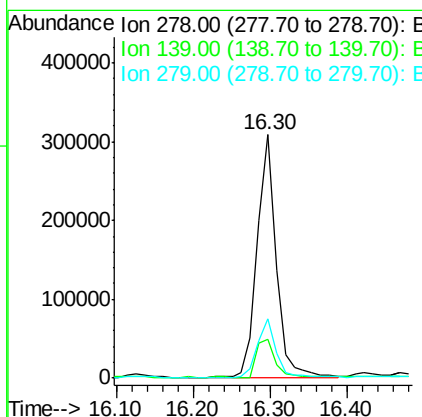
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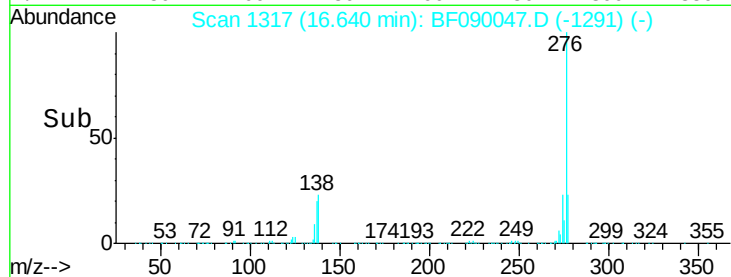
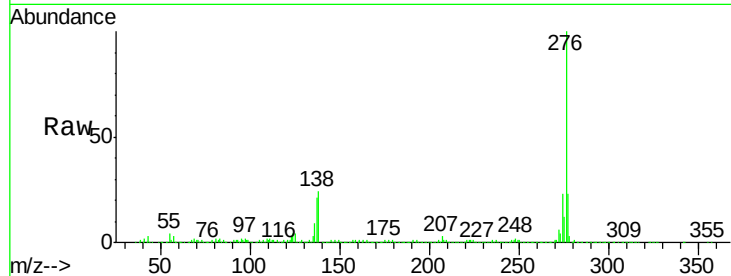
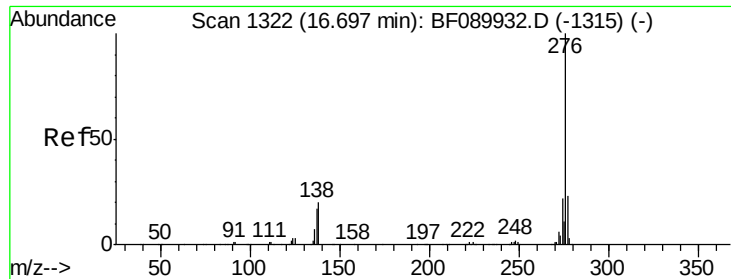
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#90
Dibenzo(a,h)anthracene
Concen: 43.89 ng
RT: 16.30 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF090047.D
Acq: 9 Sep 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	526957		
139	16.2	13.4	20.2	
279	24.4	19.4	29.2	





#91

Benzo(g,h,i)perylene

Concen: 45.04 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF090047.D

Acq: 9 Sep 2016 1:59

Instrument :

BNA_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:	276	Resp:	544240
Ion Ratio		Lower	Upper
276	100		
277	22.9	19.0	28.4
138	23.7	16.4	24.6

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