

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088778.D
 Acq On : 7 Jul 2016 14:14
 Operator : UM/SJ
 Sample : PB91873BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Quant Time: Jul 08 04:52:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103357	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	423391	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	203328	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	378497	20.00	ng	0.00
75) Chrysene-d12	13.89	240	265500	20.00	ng	0.00
86) Perylene-d12	15.27	264	262179	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	721204	104.58	ng	0.02
7) Phenol-d6	6.39	99	968864	108.73	ng	0.00
23) Nitrobenzene-d5	7.31	82	670538	82.99	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	235114	124.52	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1042204	80.96	ng	0.00
78) Terphenyl-d14	12.85	244	1033180	86.68	ng	0.00

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Target Compounds

						Qvalue
3) Pyridine	3.02	79	263962	26.60	ng	94
4) n-Nitrosodimethylamine	2.98	42	125397	33.08	ng	89
6) Aniline	6.41	93	346757	26.70	ng	# 85
8) 2-Chlorophenol	6.52	128	286166	38.61	ng	93
9) Benzaldehyde	6.28	77	204942	33.95	ng	90
10) Phenol	6.40	94	295584	29.06	ng	# 46
11) bis(2-Chloroethyl)ether	6.49	93	310182	40.90	ng	# 82
12) 1,3-Dichlorobenzene	6.68	146	311866	38.24	ng	96
13) 1,4-Dichlorobenzene	6.76	146	304871	37.66	ng	98
14) 1,2-Dichlorobenzene	6.91	146	291560m	38.48	ng	
15) Benzyl Alcohol	6.89	79	253804	38.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	337464	30.73	ng	89
17) 2-Methylphenol	7.00	107	252935	41.83	ng	96
18) Hexachloroethane	7.26	117	122733	39.19	ng	89
19) n-Nitroso-di-n-propylamine	7.18	70	235000	39.26	ng	# 82
20) 3+4-Methylphenols	7.16	107	293288	40.41	ng	93
22) Acetophenone	7.15	105	428221	41.67	ng	# 90
24) Nitrobenzene	7.32	77	317775	39.01	ng	# 80
25) Isophorone	7.58	82	615647	41.14	ng	97
26) 2-Nitrophenol	7.64	139	153937	46.08	ng	95
27) 2,4-Dimethylphenol	7.69	122	265769	38.20	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	378484	38.86	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	236975	42.15	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	262516	42.54	ng	98
31) Naphthalene	8.04	128	835499	40.03	ng	99
32) Benzoic acid	7.84	122	182039	36.04	ng	91
33) 4-Chloroaniline	8.10	127	225005	24.23	ng	96
34) Hexachlorobutadiene	8.17	225	139807	42.31	ng	99
35) Caprolactam	8.48	113	81441m	42.65	ng	
36) 4-Chloro-3-methylphenol	8.59	107	294126	44.24	ng	92
37) 2-Methylnaphthalene	8.74	142	578691	43.06	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	258665	38.25	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	263772	79.47	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	185290	41.56	ng	100

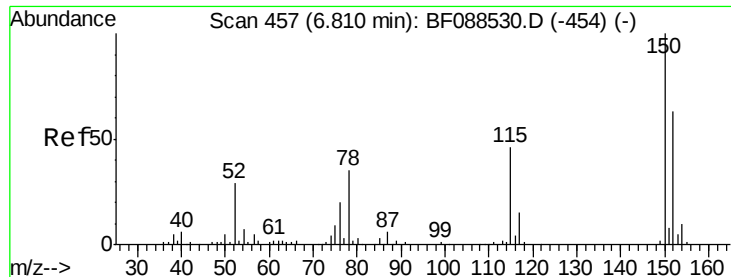
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	9.06	196	170787	44.52	ng	#	87
45) 1,1'-Biphenyl	9.21	154	724367	43.02	ng		97
46) 2-Chloronaphthalene	9.23	162	566367	42.85	ng		98
47) 2-Nitroaniline	9.32	65	166913	35.58	ng		97
48) Acenaphthylene	9.64	152	863592	41.06	ng		99
49) Dimethylphthalate	9.52	163	645782	44.58	ng		100
50) 2,6-Dinitrotoluene	9.58	165	162479	50.61	ng	#	76
51) Acenaphthene	9.82	154	622255m	48.27	ng		
52) 3-Nitroaniline	9.74	138	96985	23.76	ng		90
53) 2,4-Dinitrophenol	9.85	184	169456	119.54	ng		95
54) Dibenzofuran	9.99	168	712841	42.25	ng	#	86
55) 4-Nitrophenol	9.92	139	272900	87.99	ng	#	72
56) 2,4-Dinitrotoluene	9.98	165	166352	39.63	ng	#	41
57) Fluorene	10.33	166	599288	46.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	142633	48.06	ng	#	51
59) Diethylphthalate	10.22	149	635020	43.68	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	240470	39.80	ng	#	84
61) 4-Nitroaniline	10.35	138	151335	38.53	ng		81
62) Azobenzene	10.48	77	690055	41.61	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	113420	56.03	ng	#	71
65) n-Nitrosodiphenylamine	10.44	169	494581	38.61	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	162331	42.56	ng	#	83
67) Hexachlorobenzene	10.88	284	192369	45.56	ng	#	75
68) Atrazine	10.98	200	183904	46.07	ng		98
69) Pentachlorophenol	11.07	266	226001	90.44	ng		98
70) Phenanthrene	11.28	178	868105	41.96	ng		99
71) Anthracene	11.34	178	854890	41.55	ng		100
72) Carbazole	11.48	167	818941	42.29	ng		99
73) Di-n-butylphthalate	11.83	149	942729	41.86	ng	#	99
74) Fluoranthene	12.47	202	960325	45.78	ng		97
76) Benzdine	12.59	184	553593	41.25	ng		97
77) Pyrene	12.70	202	956978	42.51	ng		99
79) Butylbenzylphthalate	13.33	149	459105	45.72	ng		99
80) Benzo(a)anthracene	13.87	228	752598	44.02	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	163036	25.36	ng	#	93
82) Chrysene	13.92	228	769719	45.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	571593	49.86	ng	#	99
84) Di-n-octyl phthalate	14.49	149	966241	49.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	634167	48.73	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	868116m	52.78	ng		
88) Benzo(k)fluoranthene	14.91	252	511444m	35.72	ng		
89) Benzo(a)pyrene	15.21	252	661811	47.53	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	529934	45.57	ng		96
91) Benzo(g,h,i)perylene	16.98	276	509844	42.37	ng		97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

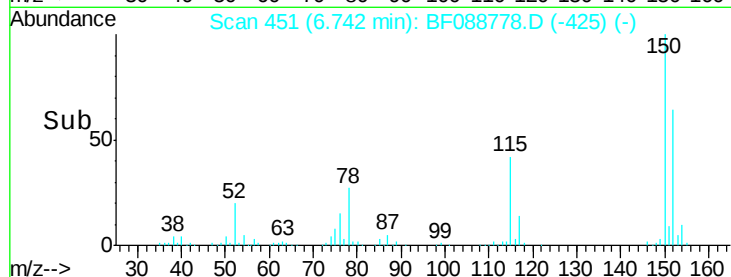
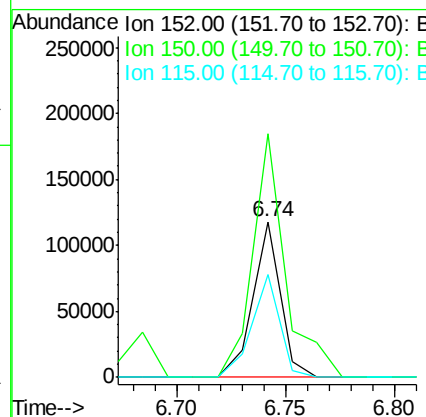
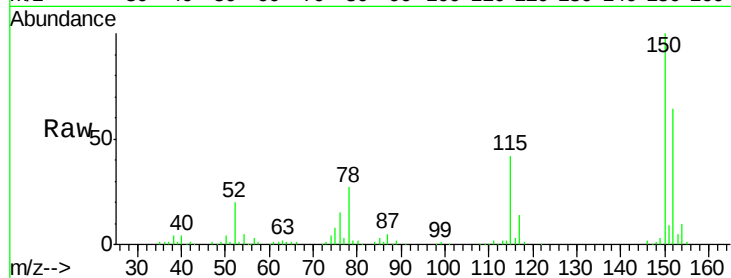
Instrument :

BNA_F

ClientSampleId :

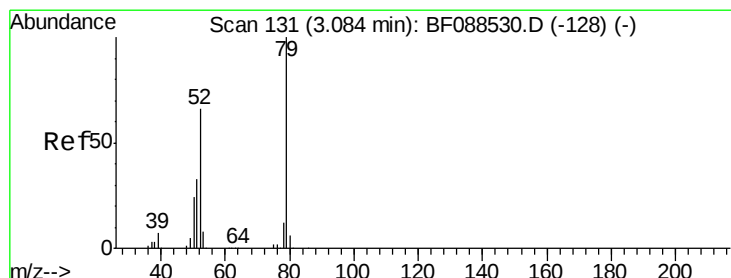
PB91873BS

Tgt Ion:	152	Resp:	103357
Ion Ratio	Lower	Upper	
152	100		
150	156.3	123.8	185.6
115	66.3	39.6	59.4



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#3

Pyridine

Concen: 26.60 ng

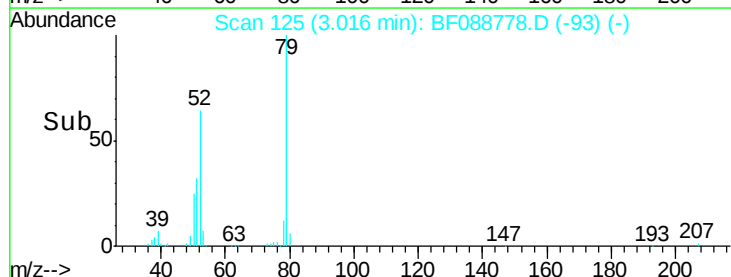
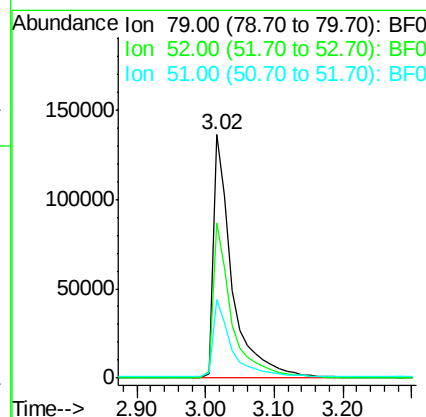
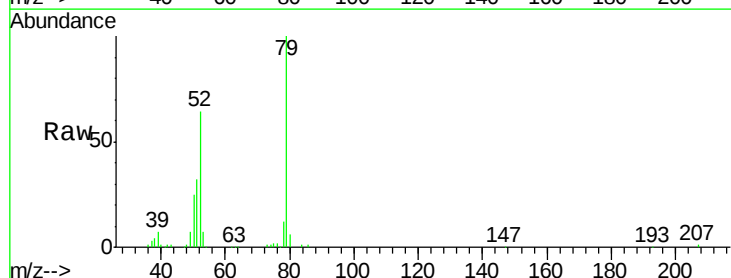
RT: 3.02 min Scan# 125

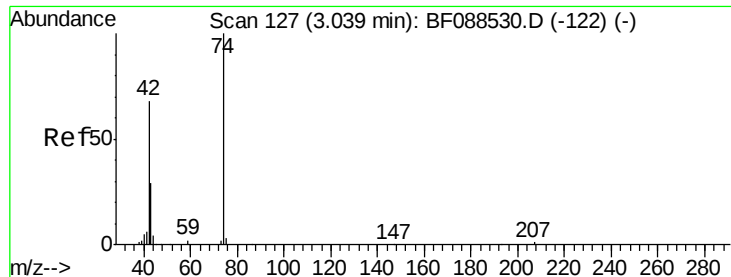
Delta R.T. 0.07 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:	79	Resp:	263962
Ion Ratio	Lower	Upper	
79	100		
52	64.0	56.3	84.5
51	32.3	27.4	41.2



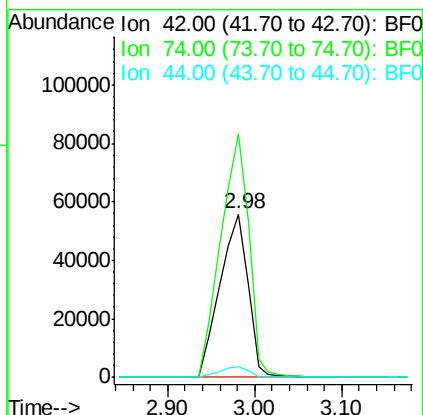
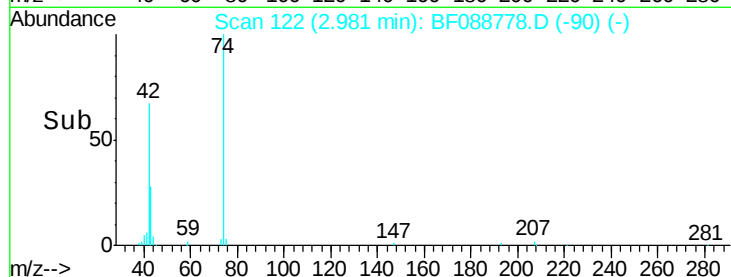
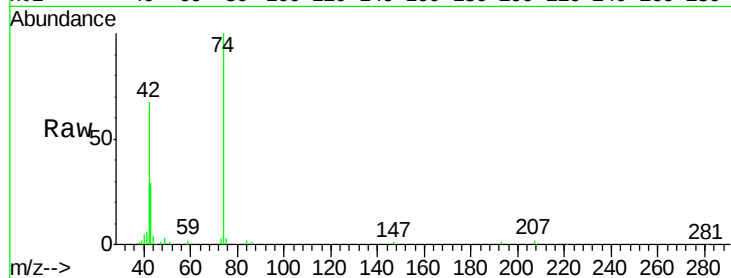


#4

n-Nitrosodimethylamine
 Concen: 33.08 ng
 RT: 2.98 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

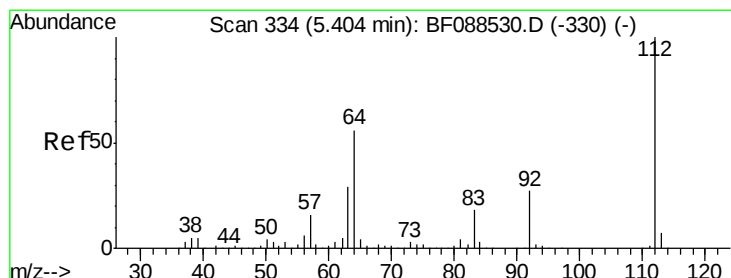
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.2	108.6	163.0
44	6.7	5.5	8.3



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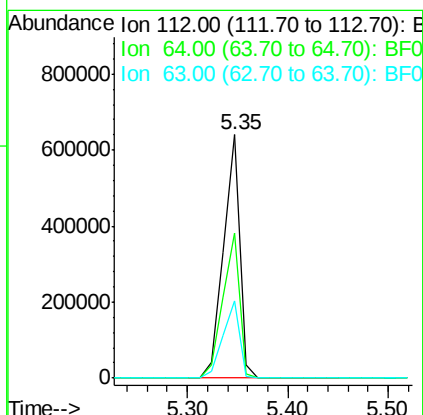
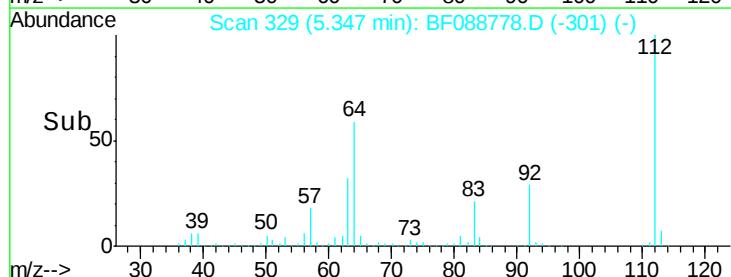
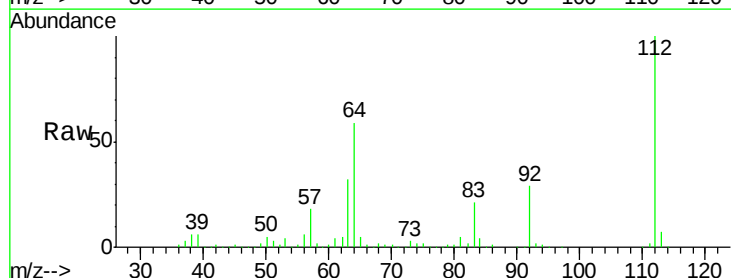
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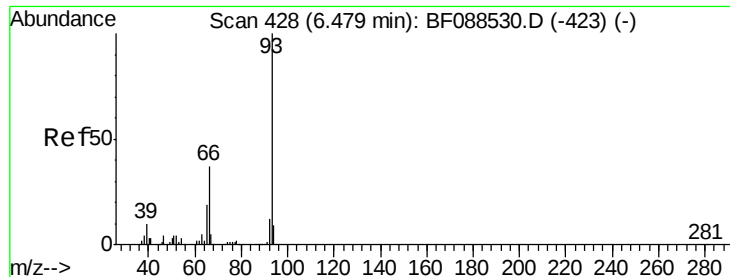


#5

2-Fluorophenol
 Concen: 104.58 ng
 RT: 5.35 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	42.2	63.2
63	31.8	21.8	32.8





#6

Aniline

Concen: 26.70 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

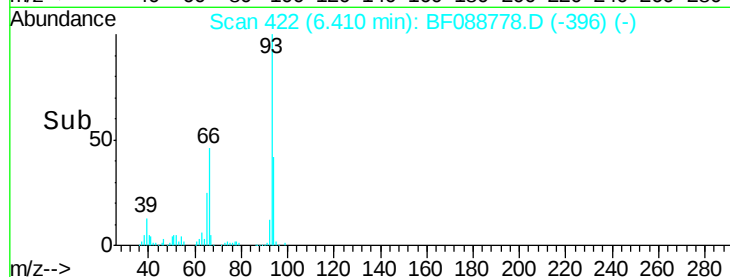
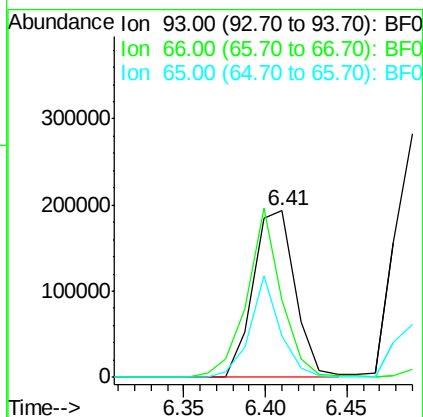
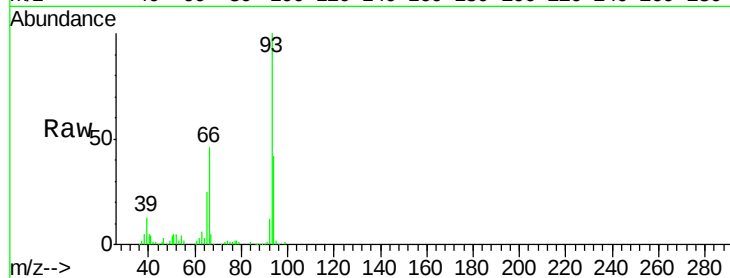
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ClientSampleId :

PB91873BS

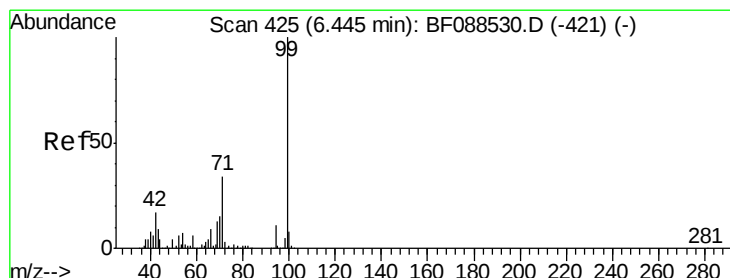
Tgt Ion: 93 Resp: 346757

Ion	Ratio	Lower	Upper
93	100		
66	46.4	29.8	44.8#
65	24.9	14.9	22.3#



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#7

Phenol-d6

Concen: 108.73 ng

RT: 6.39 min Scan# 420

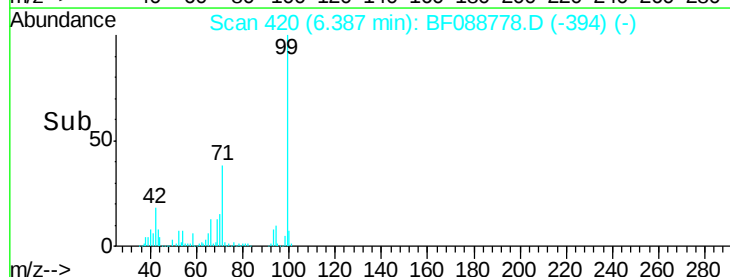
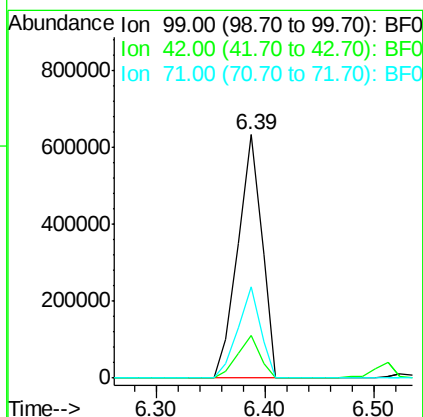
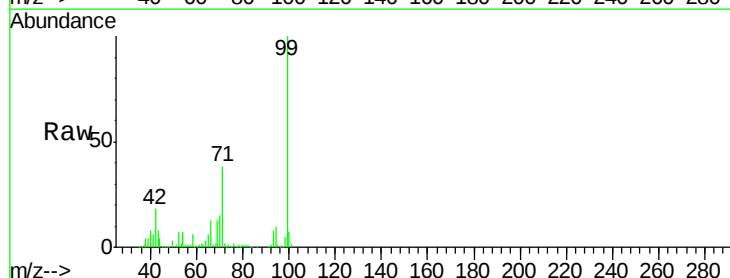
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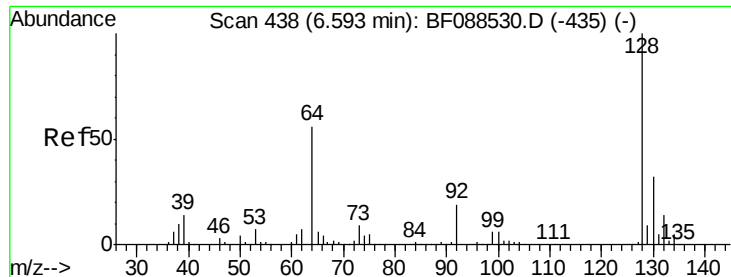
Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion: 99 Resp: 968864

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.6	23.4	35.0#

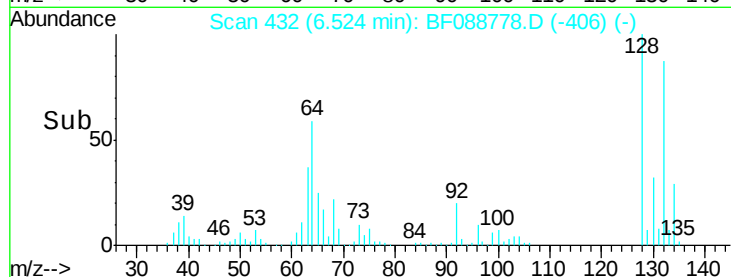
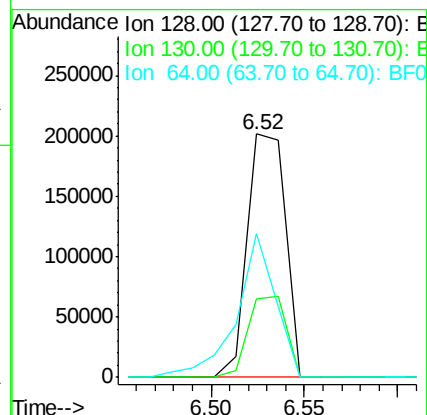
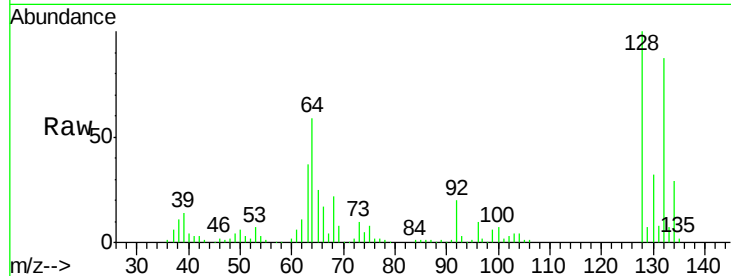




#8
2-Chlorophenol
Concen: 38.61 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

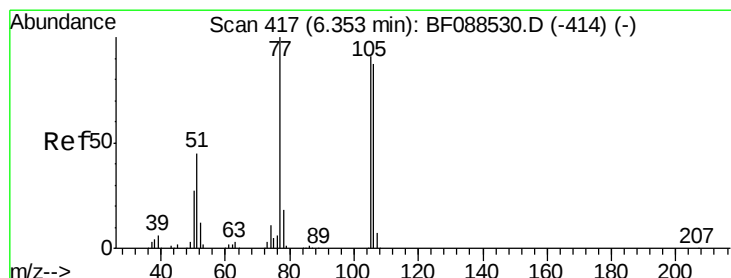
Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	58.8	30.8	70.8



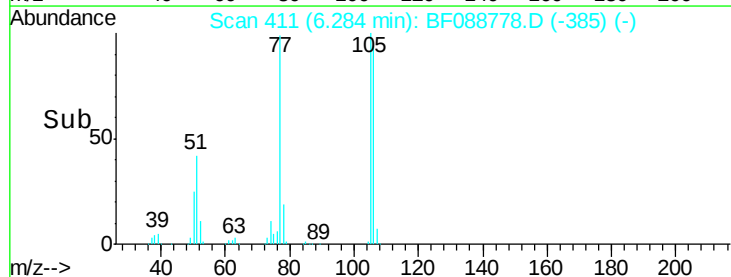
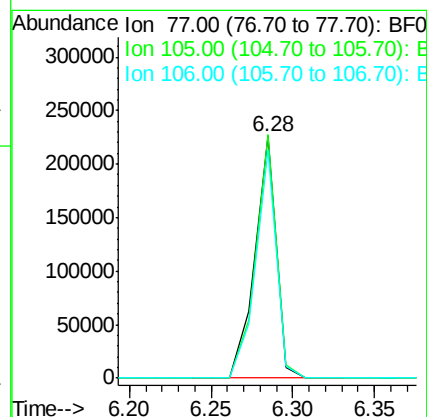
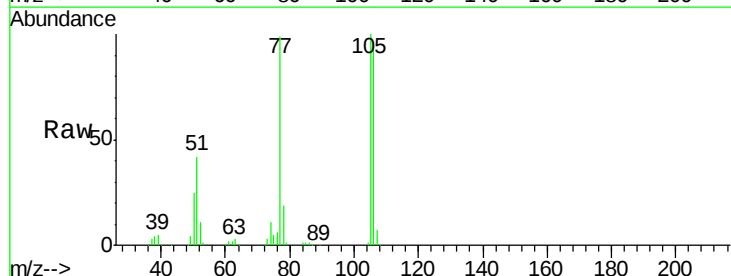
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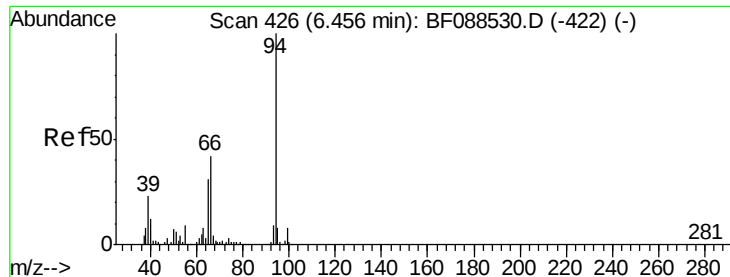
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#9
Benzaldehyde
Concen: 33.95 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.5	90.6	130.6
106	94.2	85.3	125.3





#10

Phenol

Concen: 29.06 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

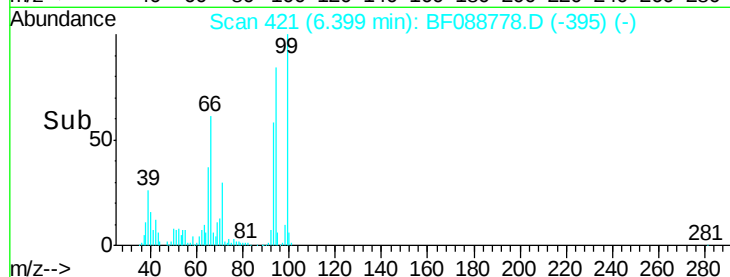
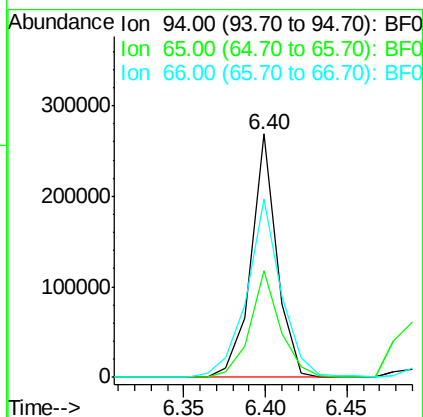
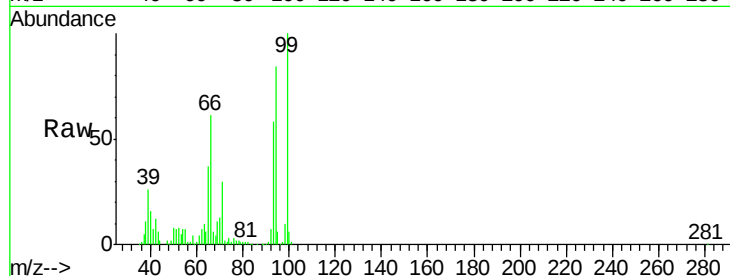
Instrument :

BNA_F

ClientSampleId :

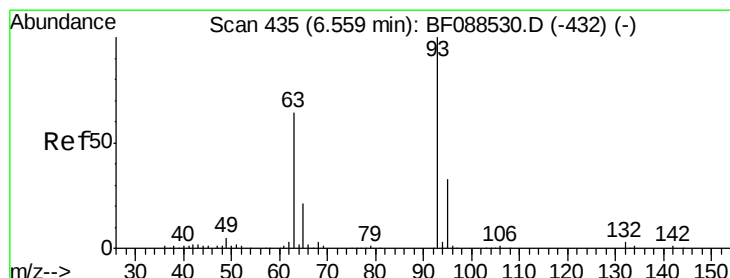
PB91873BS

Tgt Ion:	94	Resp:	295584
Ion	Ratio	Lower	Upper
94	100		
65	43.9	5.9	45.9
66	73.1	14.0	54.0#



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#11

bis(2-Chloroethyl)ether

Concen: 40.90 ng

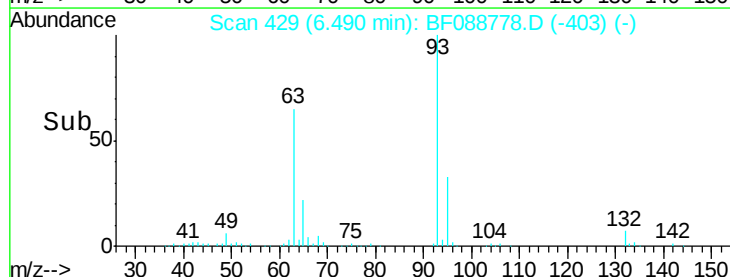
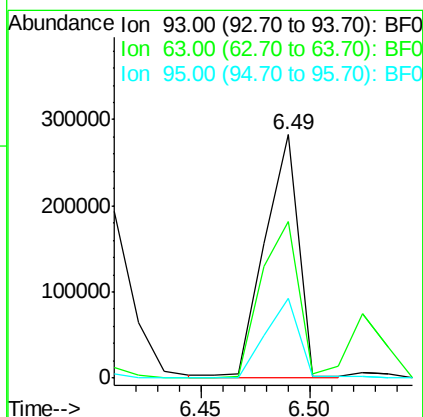
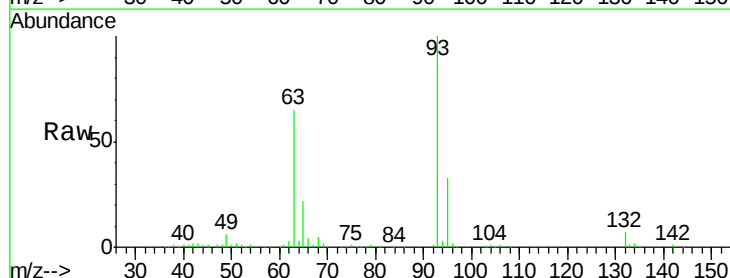
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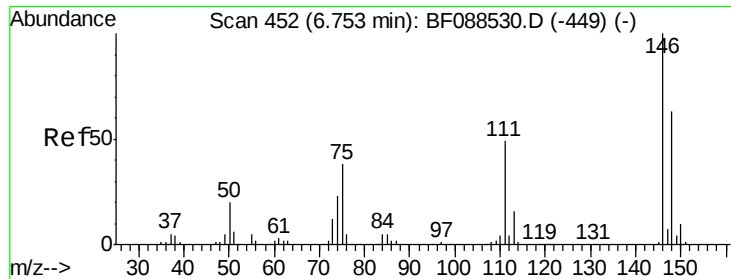
Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:	93	Resp:	310182
Ion	Ratio	Lower	Upper
93	100		
63	64.5	67.6	107.6#
95	32.5	12.5	52.5

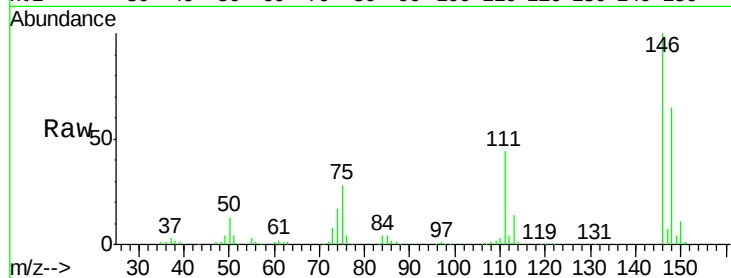




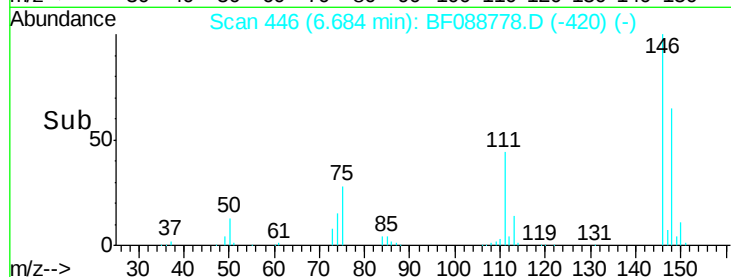
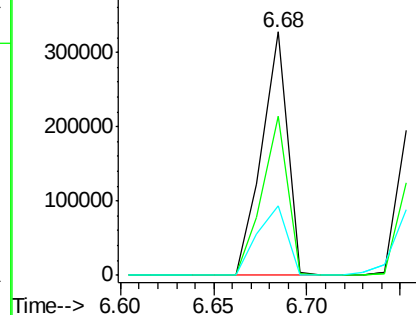
#12
 1,3-Dichlorobenzene
 Concen: 38.24 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	28.3	25.6	38.4

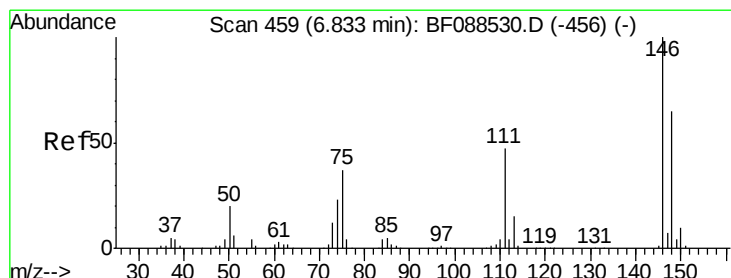


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0



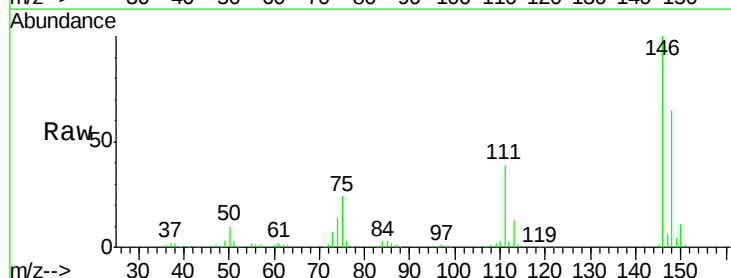
SOHIL

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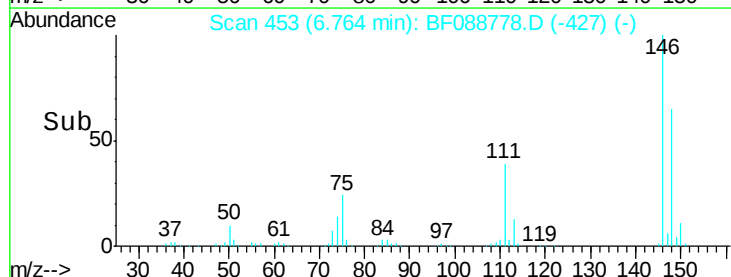
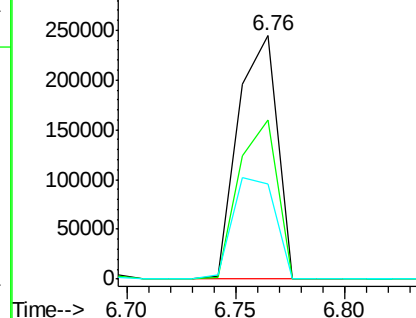


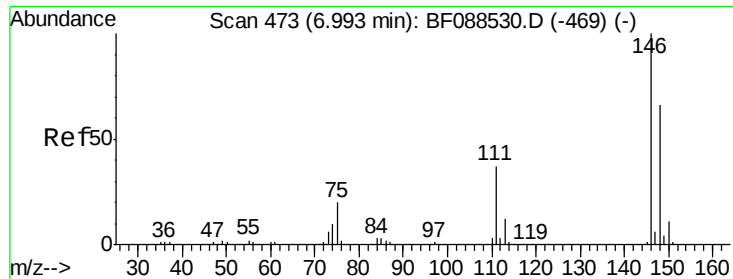
#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.0	78.0
111	38.9	33.8	50.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 38.48 ng m

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

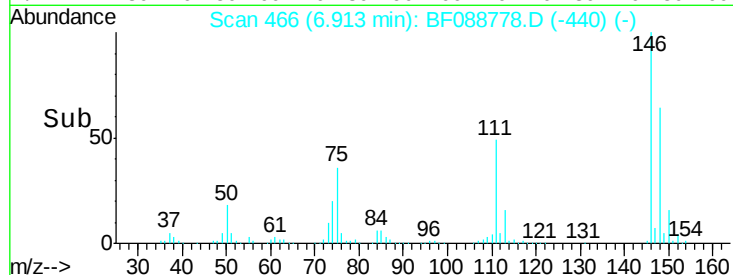
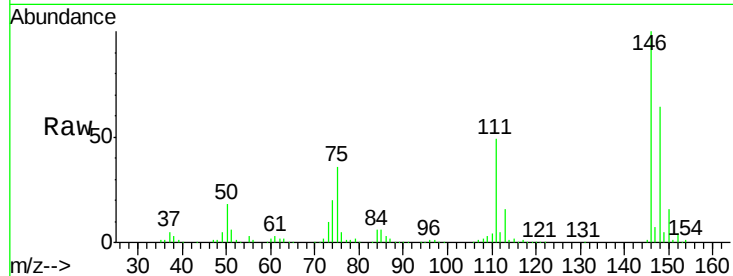
Instrument :

BNA_F

ClientSampleId :

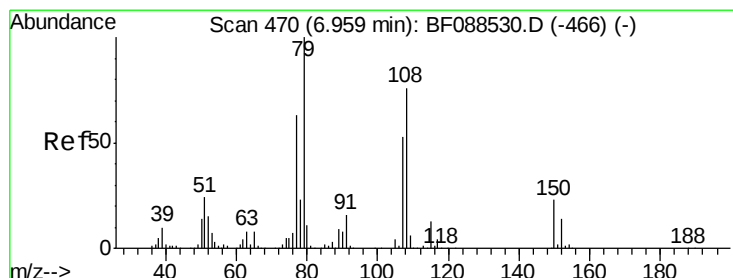
PB91873BS

Tgt Ion:	146	Resp:	291560
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
111	49.5	28.7	43.1#



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#15

Benzyl Alcohol

Concen: 38.70 ng

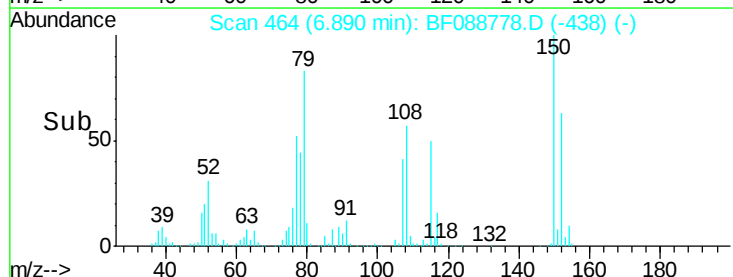
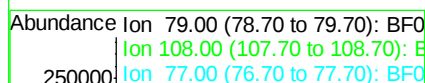
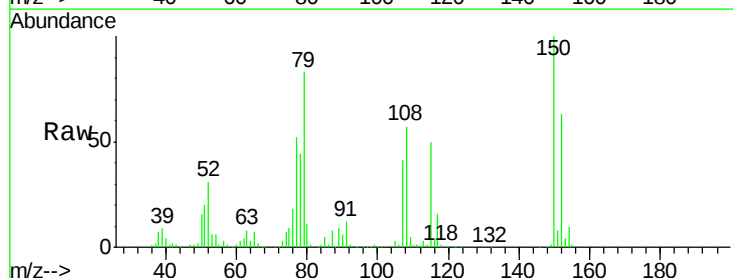
RT: 6.89 min Scan# 464

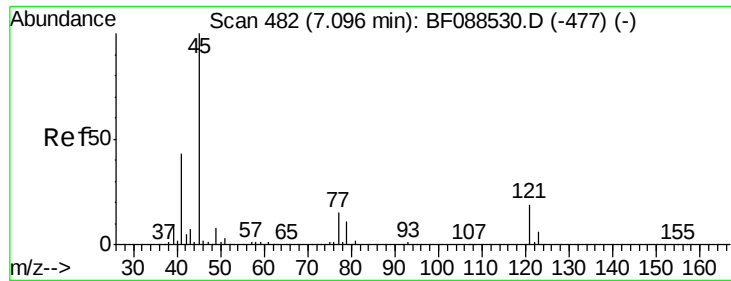
Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:	79	Resp:	253804
Ion Ratio	Lower	Upper	
79	100		
108	69.3	65.0	97.6
77	62.5	50.3	75.5

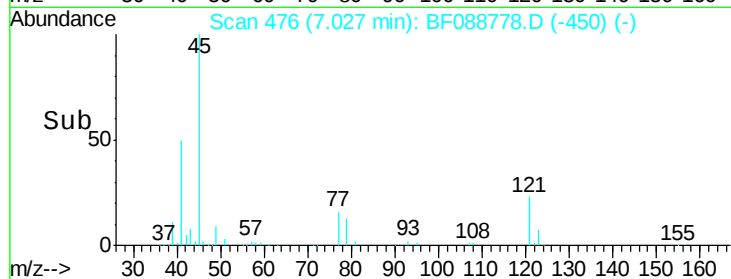
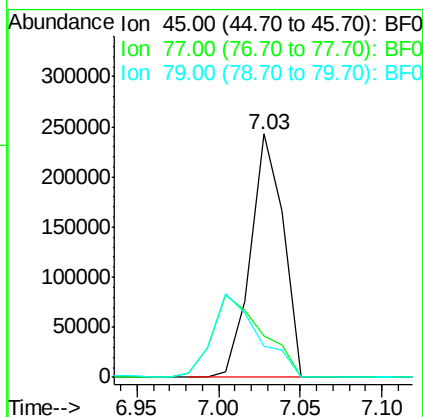
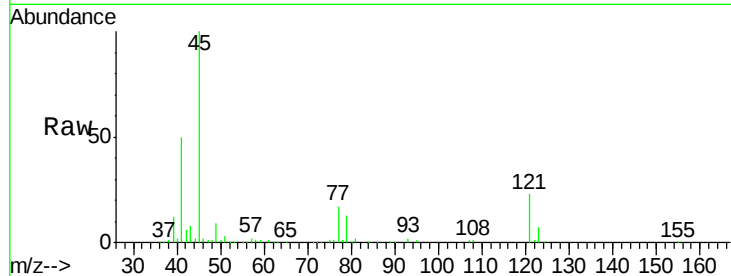




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.73 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

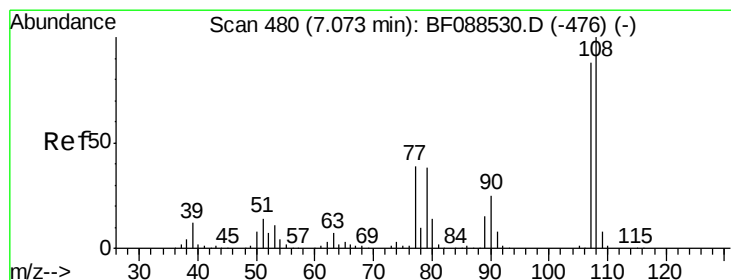
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:	45	Resp:	337464
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	32.5
79	13.0	0.0	29.5



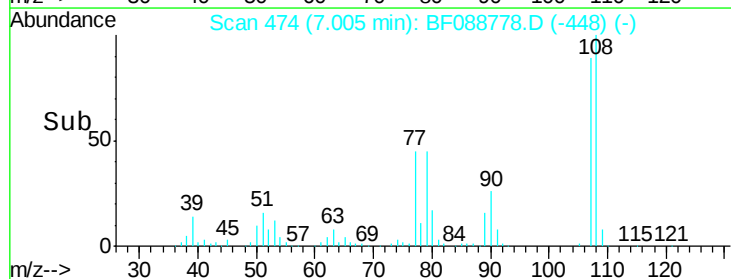
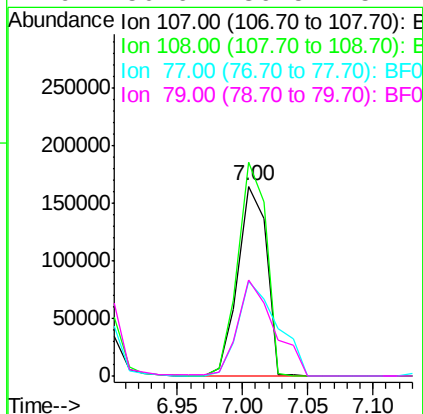
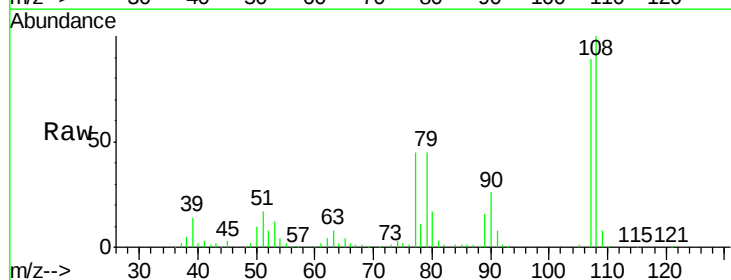
SOHIL

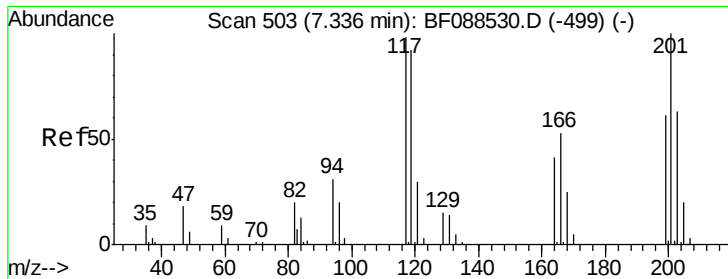
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#17
2-Methylphenol
Concen: 41.83 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:	107	Resp:	252935
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	50.2	36.6	55.0
79	50.6	36.5	54.7

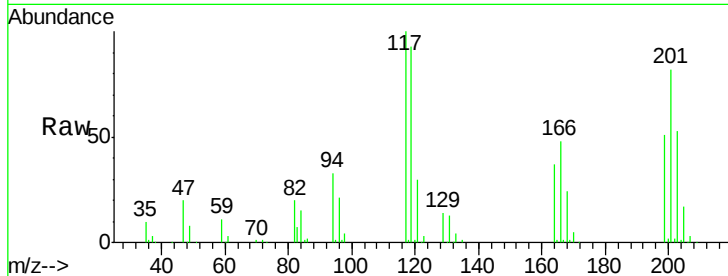




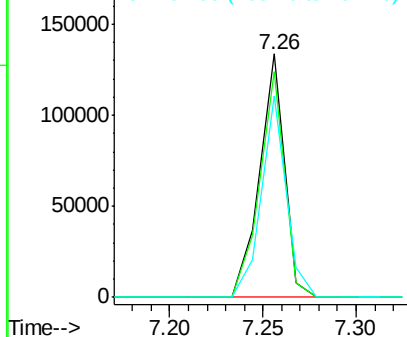
#18
Hexachloroethane
Concen: 39.19 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion: 117 Resp: 122733
Ion Ratio Lower Upper
117 100
119 92.6 77.4 116.2
201 82.5 80.4 120.6

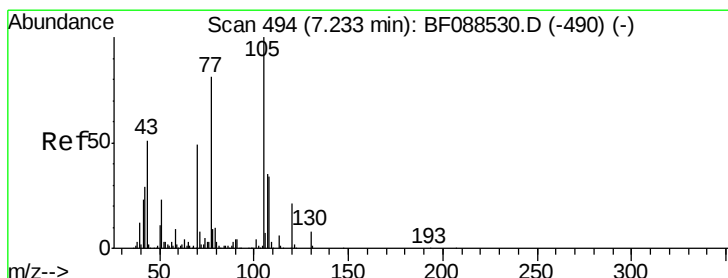
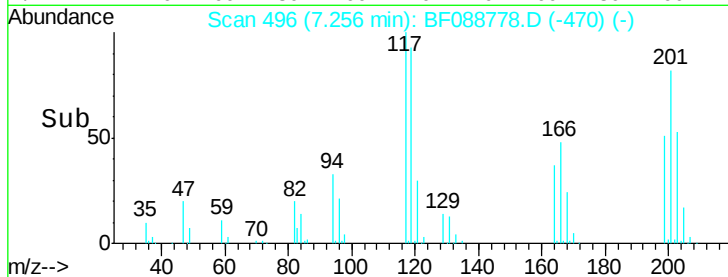


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



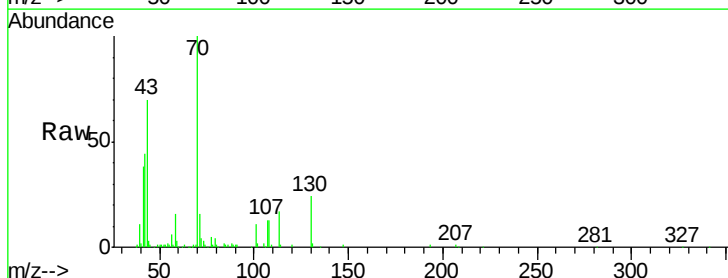
SOHIL

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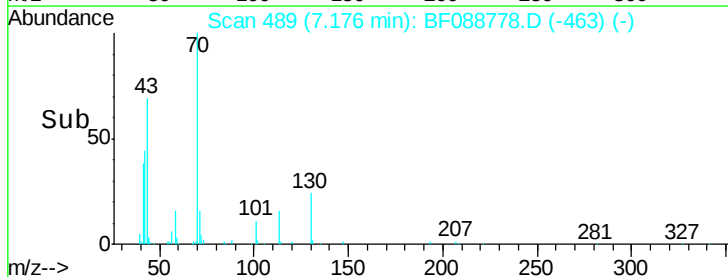
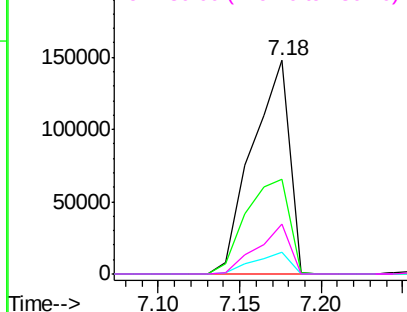


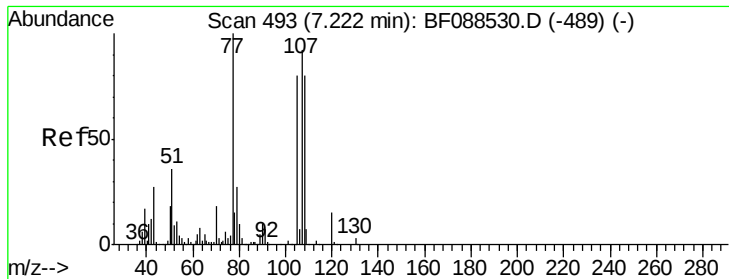
#19
n-Nitroso-di-n-propylamine
Concen: 39.26 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion: 70 Resp: 235000
Ion Ratio Lower Upper
70 100
42 44.4 49.6 74.4#
101 10.5 7.1 10.7
130 23.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 40.41 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088778.D

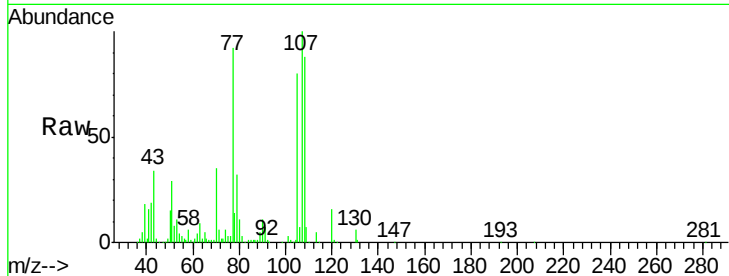
Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS



Tgt Ion:107 Resp: 293288

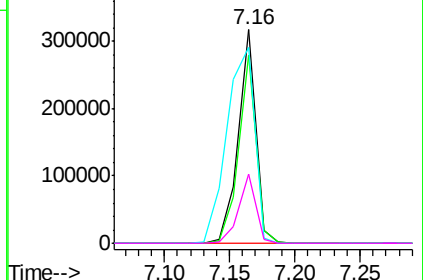
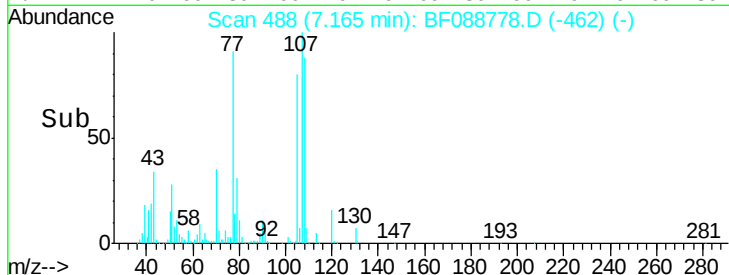
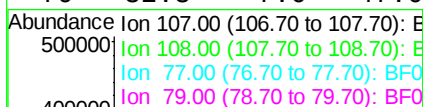
Ion Ratio Lower Upper

107 100

108 88.4 67.8 107.8

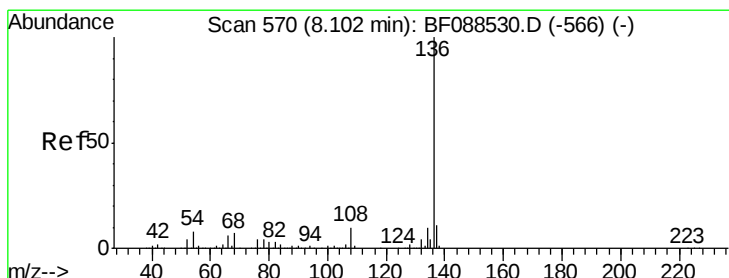
77 91.6 59.3 99.3

79 32.3 7.0 47.0



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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:136 Resp: 423391

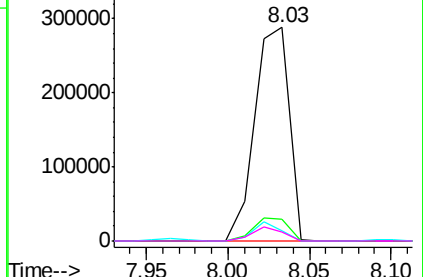
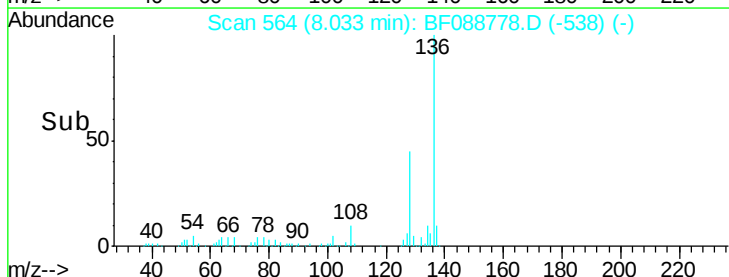
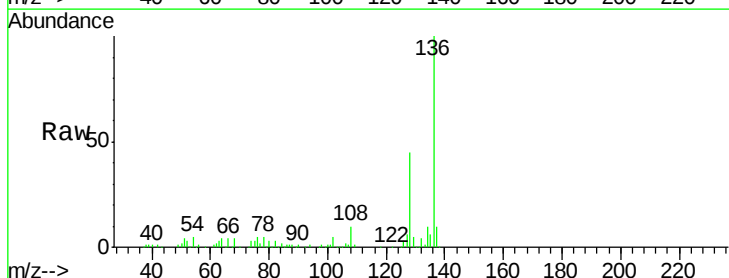
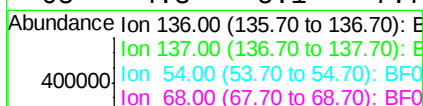
Ion Ratio Lower Upper

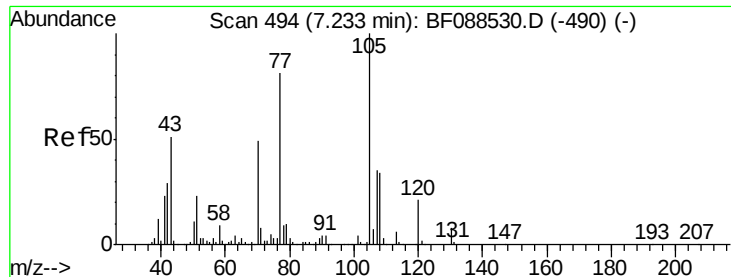
136 100

137 10.3 9.1 13.7

54 5.1 6.6 10.0#

68 4.3 5.1 7.7#





#22

Acetophenone

Concen: 41.67 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion: 105 Resp: 428221

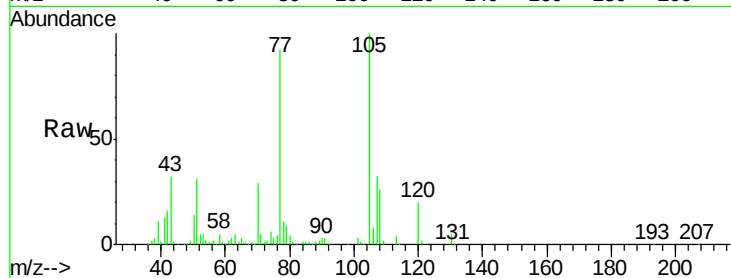
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 30.5 18.2 27.4#

120 19.8 18.0 27.0

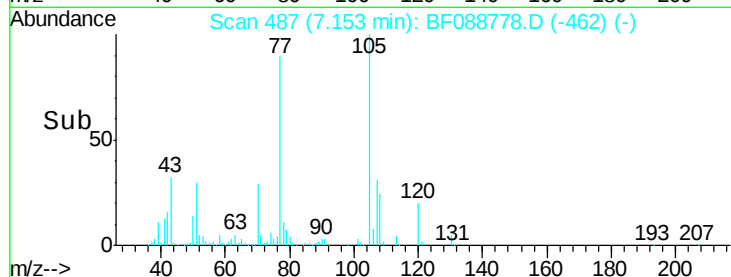
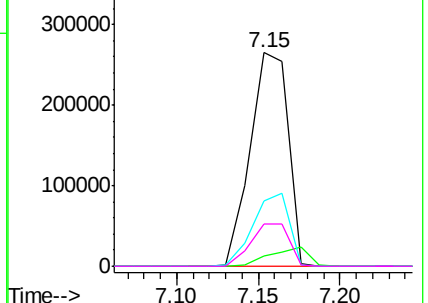


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

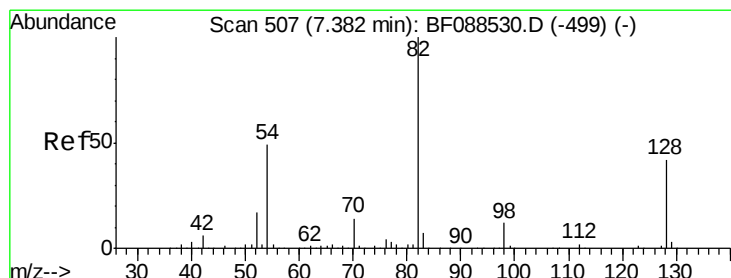
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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#23

Nitrobenzene-d5

Concen: 82.99 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

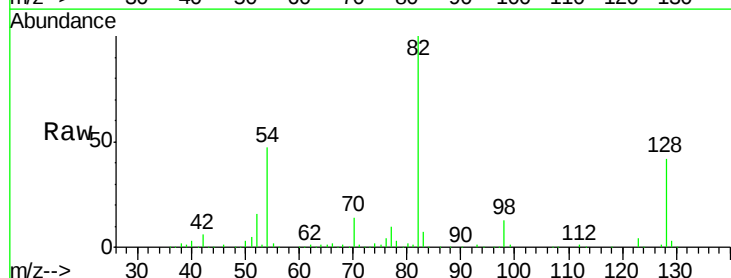
Tgt Ion: 82 Resp: 670538

Ion Ratio Lower Upper

82 100

128 42.3 35.9 53.9

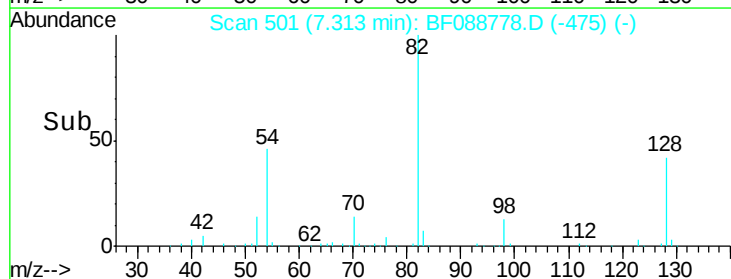
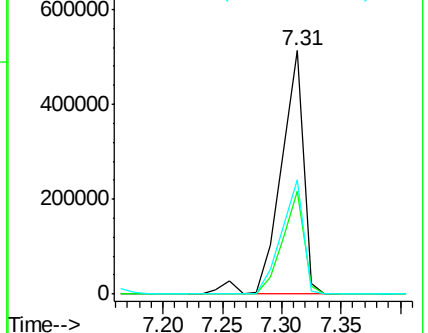
54 47.0 40.9 61.3

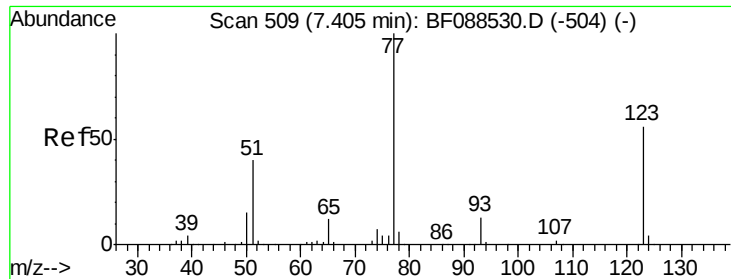


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 39.01 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

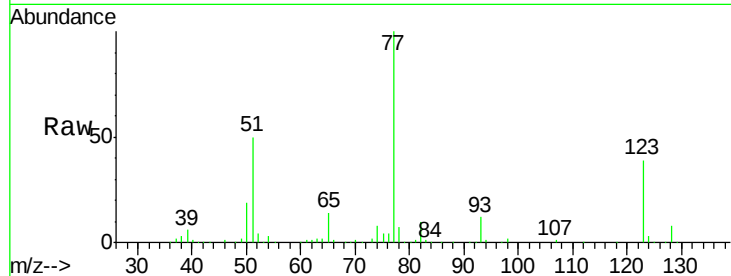
Tgt Ion: 77 Resp: 317775

Ion Ratio Lower Upper

77 100

123 38.7 45.0 67.4#

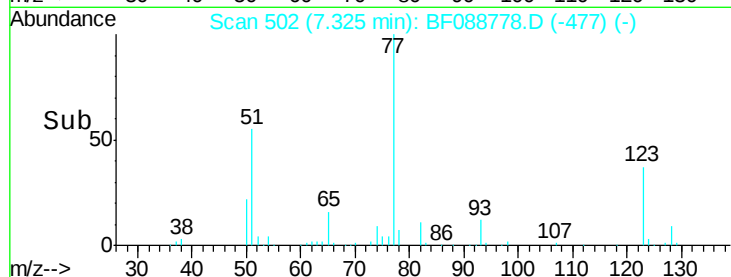
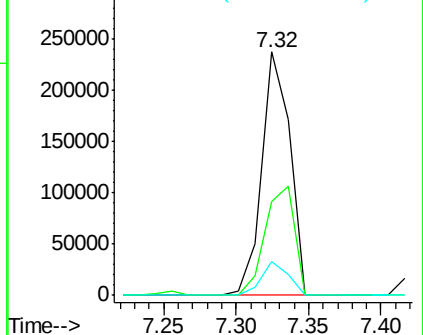
65 13.6 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

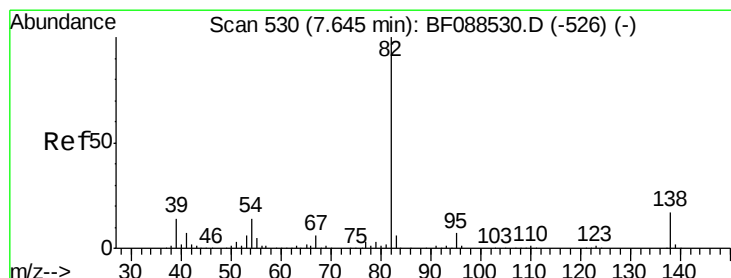
Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



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#25

Isophorone

Concen: 41.14 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

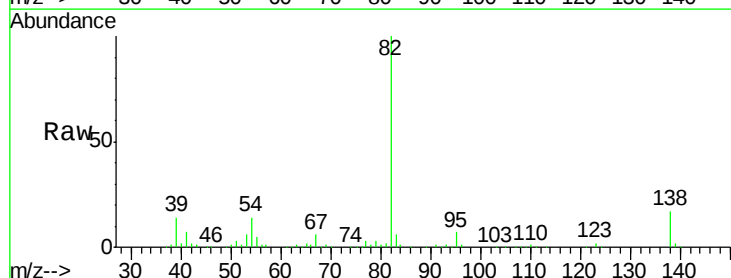
Tgt Ion: 82 Resp: 615647

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

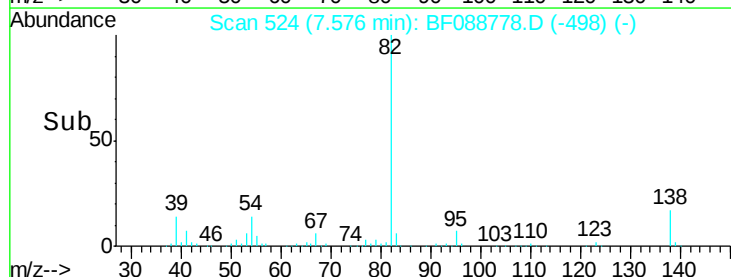
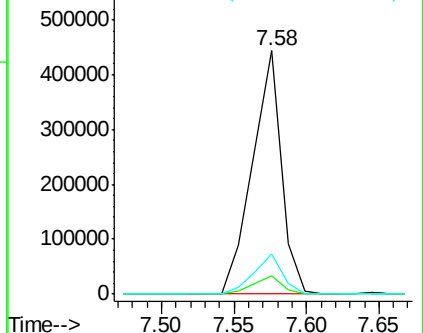
138 16.7 14.6 21.8

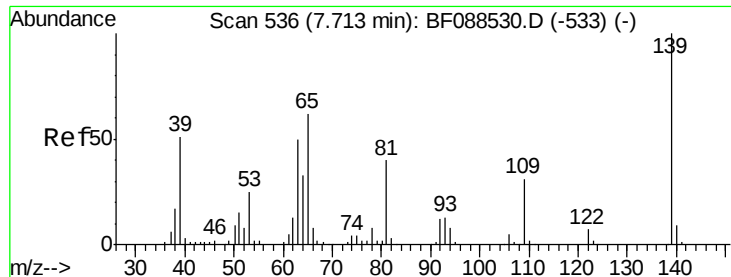


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

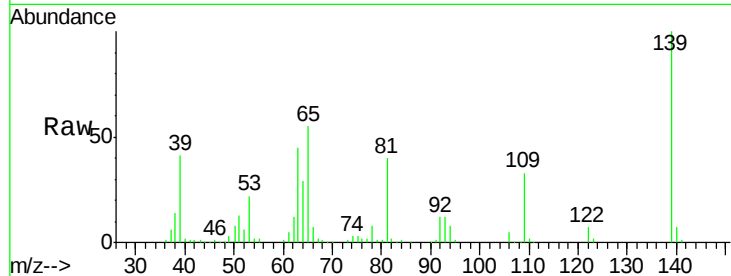




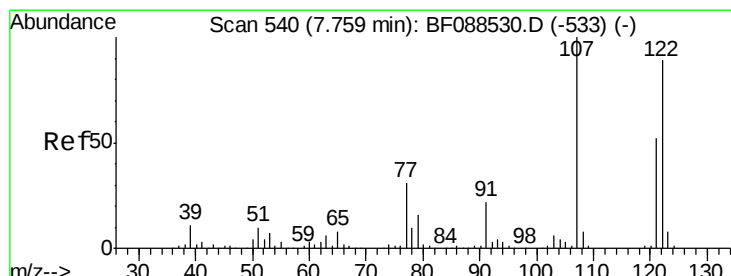
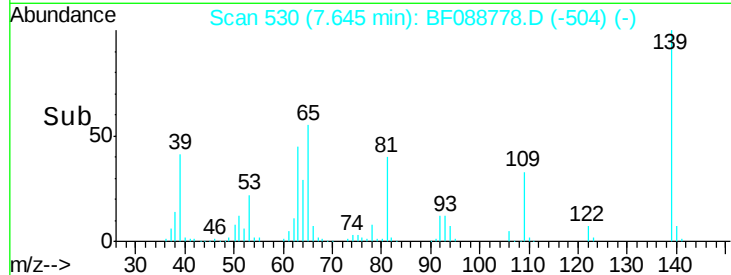
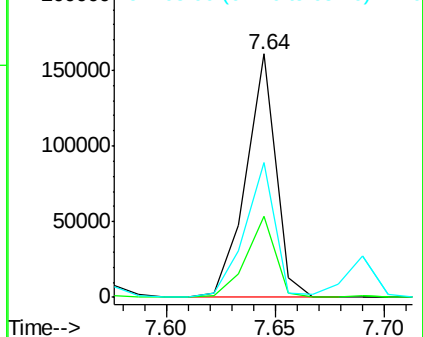
#26
2-Nitrophenol
Concen: 46.08 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.3	23.0	34.4
65	55.2	45.8	68.8

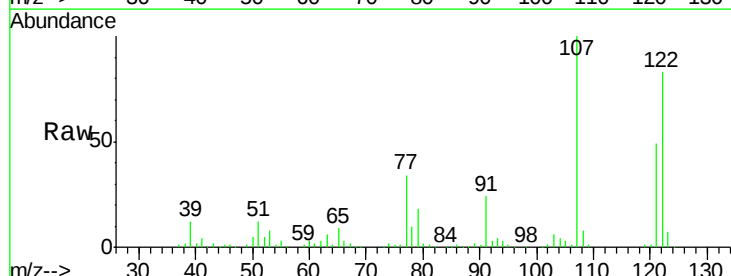


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

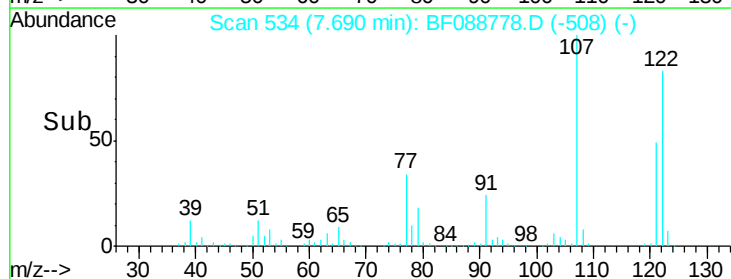
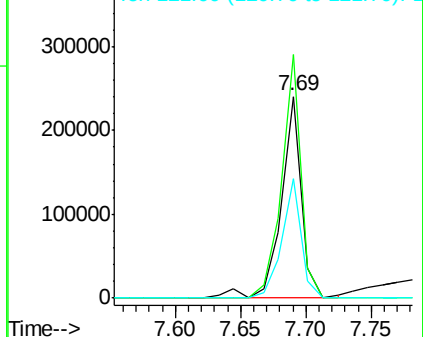


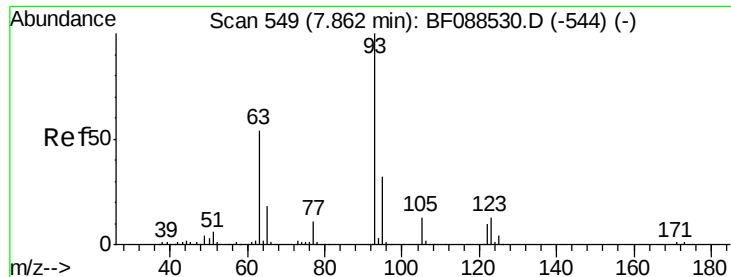
#27
2,4-Dimethylphenol
Concen: 38.20 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.5	82.4	123.6
121	58.9	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

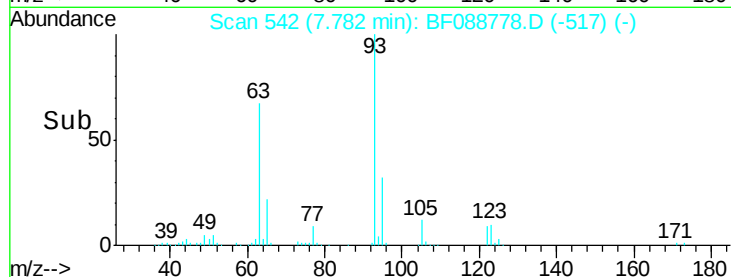
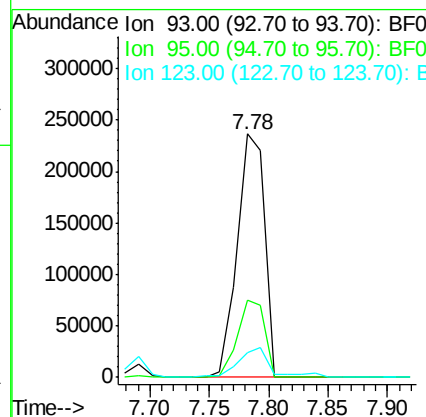
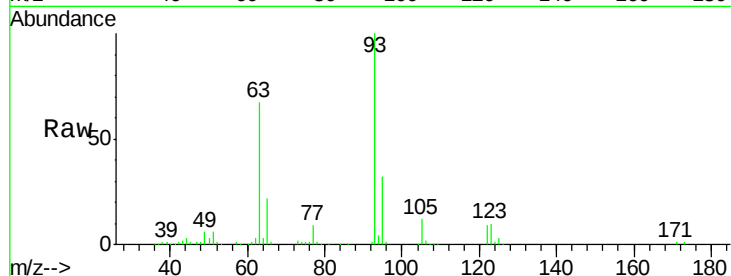




#28
bis(2-Chloroethoxy)methane
Concen: 38.86 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

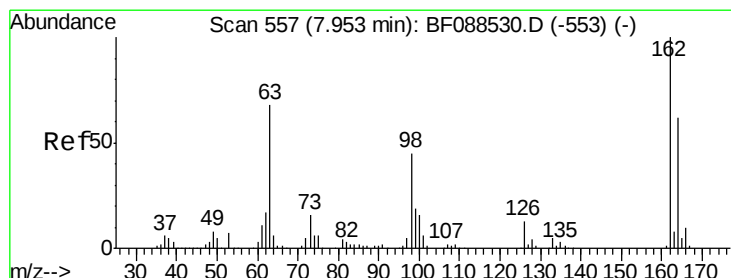
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	10.1	11.6	17.4



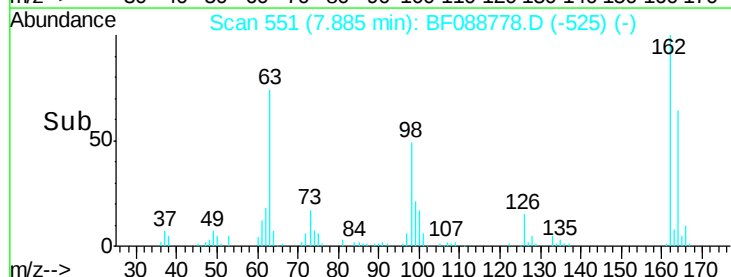
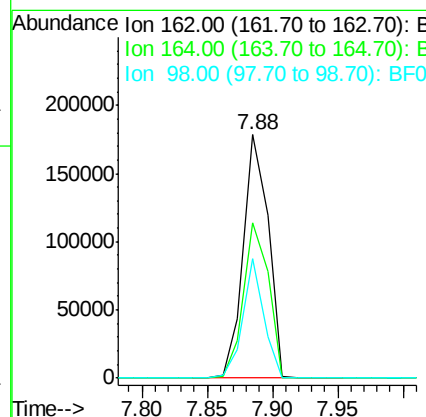
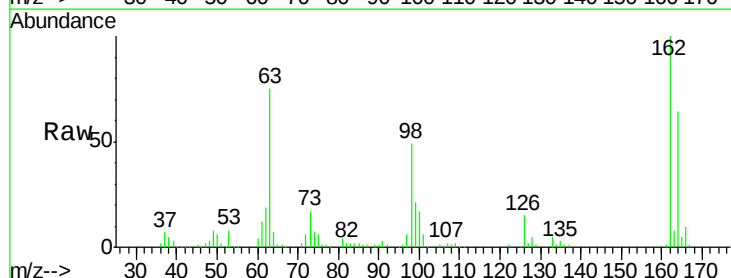
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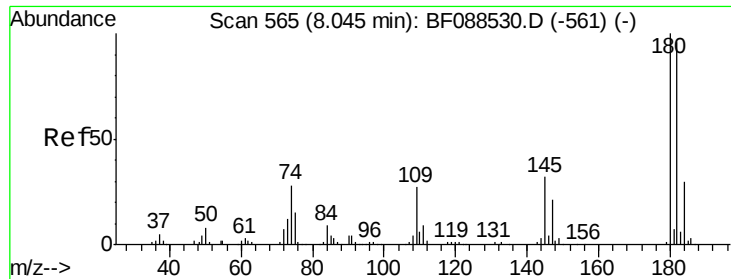
7/8/2016 7:03:34 AM



#29
2,4-Dichlorophenol
Concen: 42.15 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	49.3	21.3	61.3

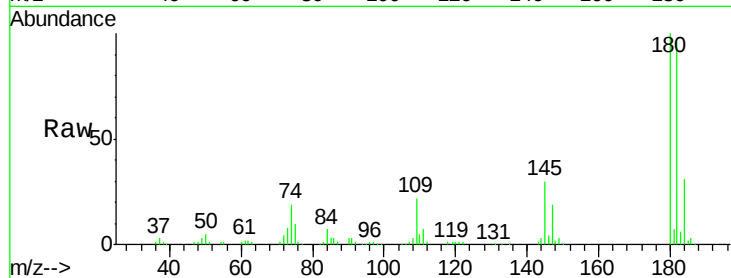




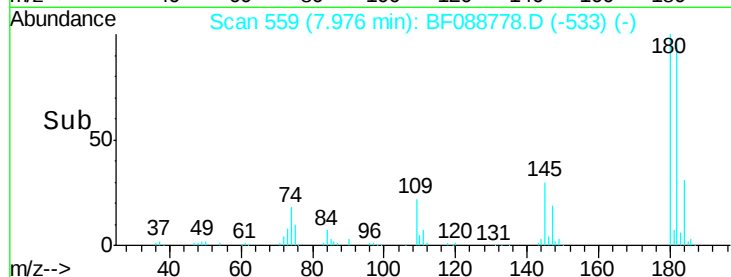
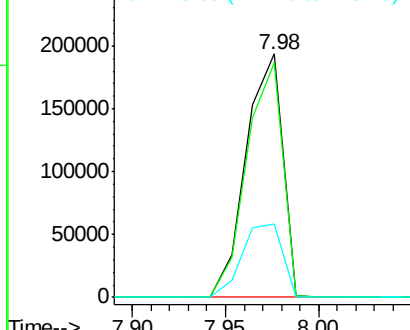
#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 7.98 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:	180	Resp:	262516
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.0	114.0
145	30.1	26.5	39.7

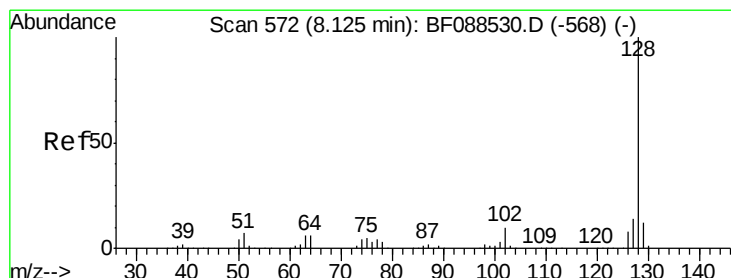


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



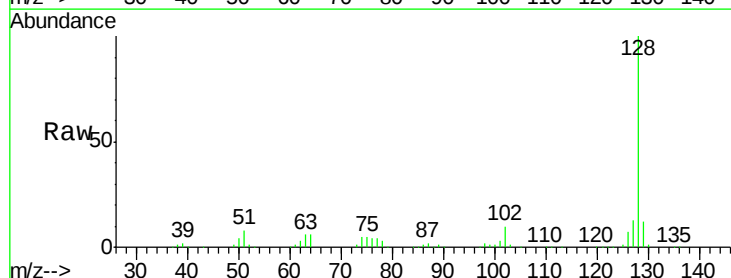
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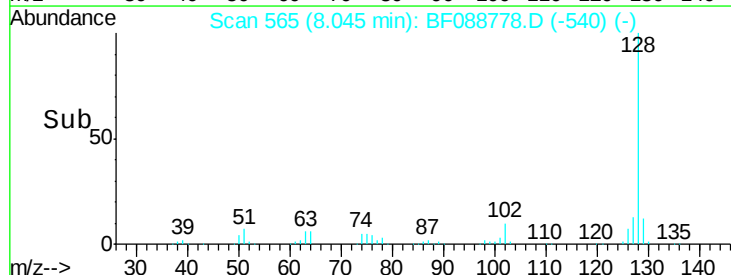
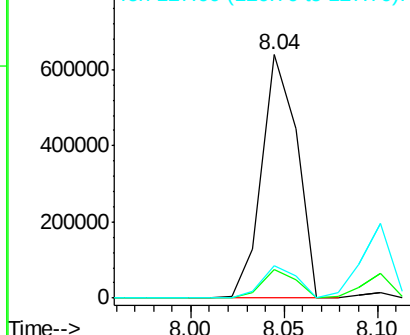


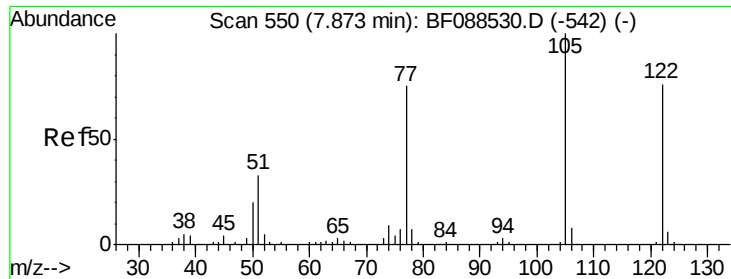
#31
 Naphthalene
 Concen: 40.03 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:	128	Resp:	835499
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.2
127	13.4	10.9	16.3



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: 36.04 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

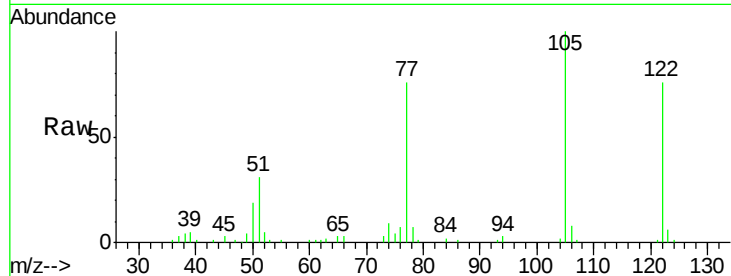
Tgt Ion:122 Resp: 182039

Ion Ratio Lower Upper

122 100

105 131.2 101.6 141.6

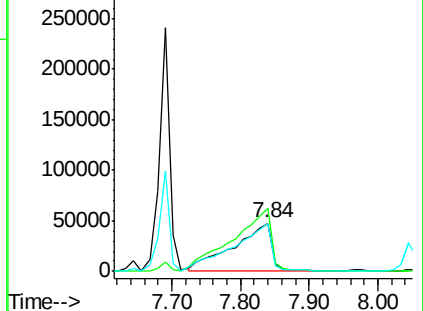
77 99.5 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

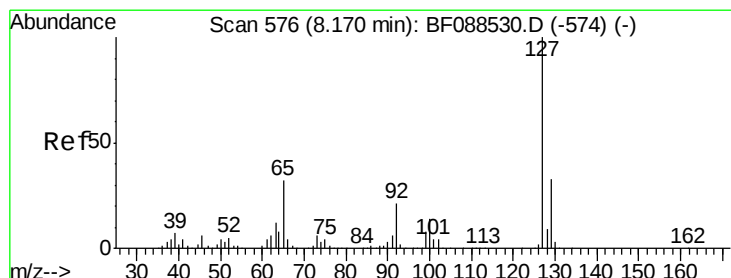
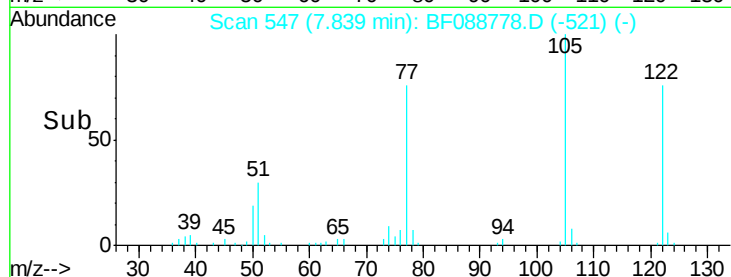
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



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#33

4-Chloroaniline

Concen: 24.23 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:127 Resp: 225005

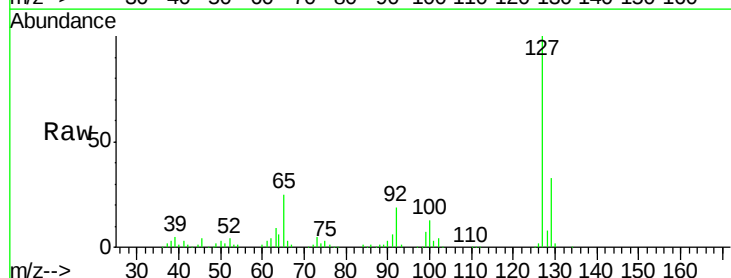
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 25.4 24.7 37.1

92 18.9 15.4 23.0

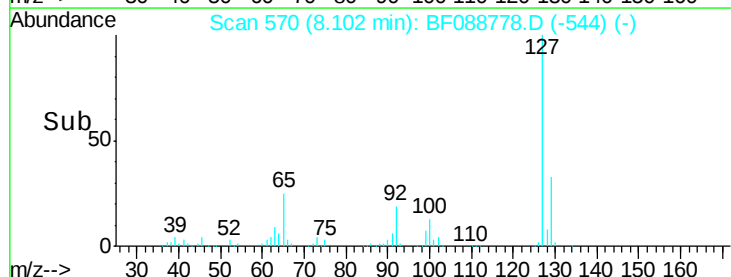
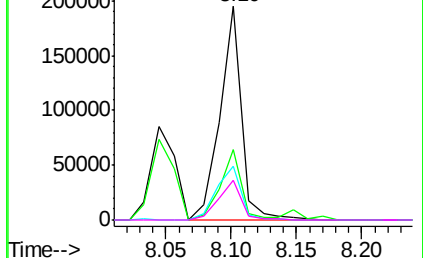


Abundance Ion 127.00 (126.70 to 127.70): E

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

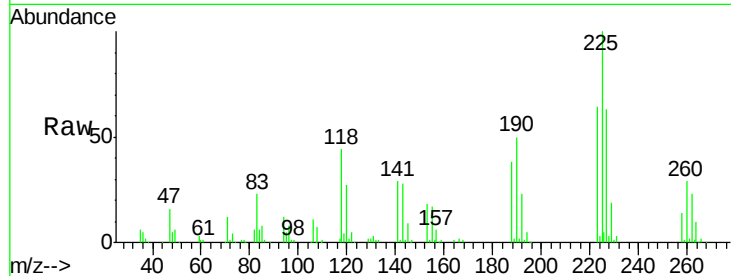




#34
Hexachlorobutadiene
Concen: 42.31 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.4	51.9	77.9

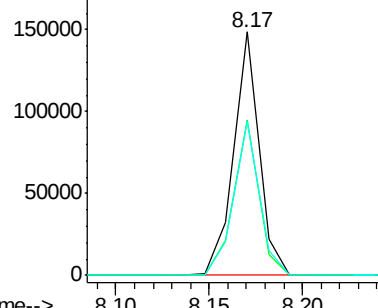


Abundance

Ion 225.00 (224.70 to 225.70): E

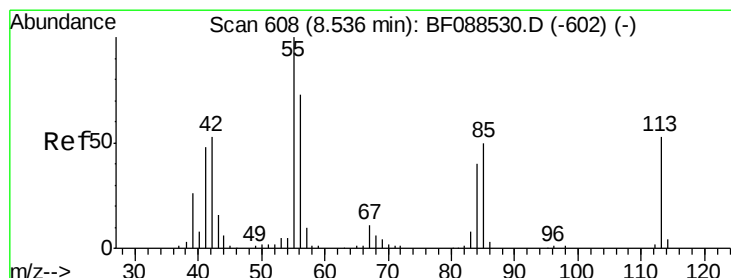
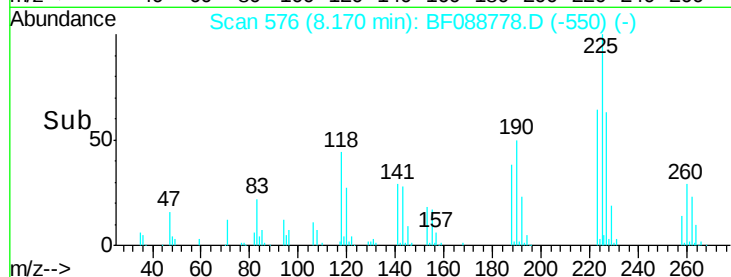
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



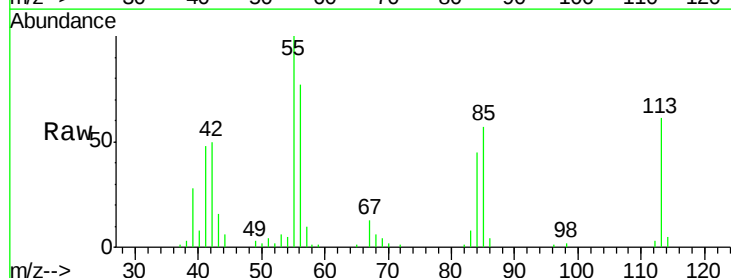
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#35
Caprolactam
Concen: 42.65 ng m
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
113	100		
55	164.2	158.6	198.6
56	125.6	110.6	150.6

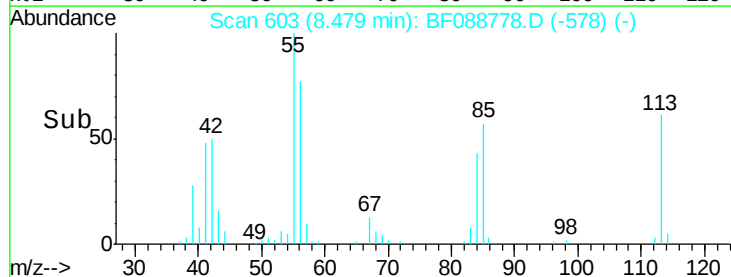
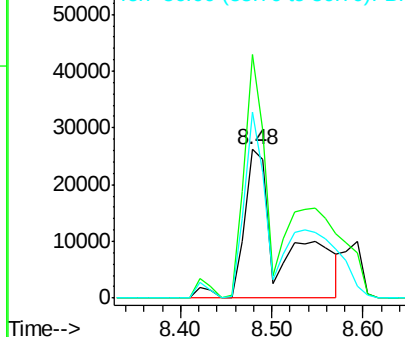


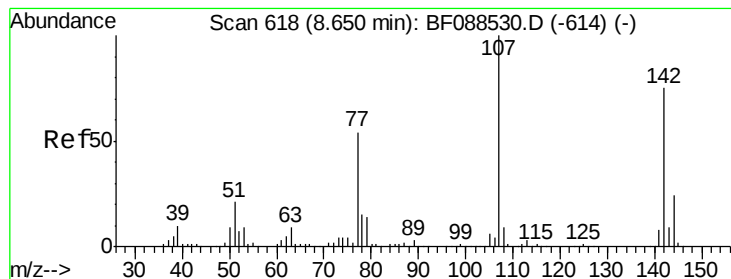
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

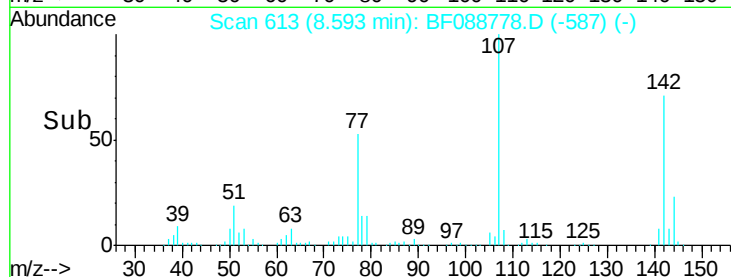
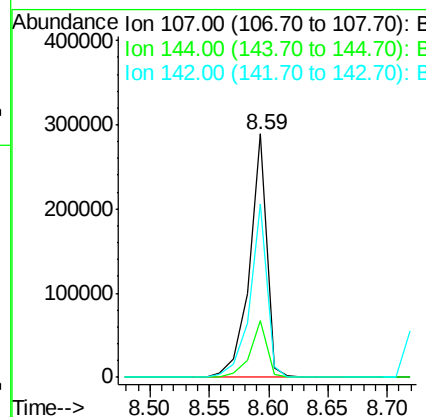
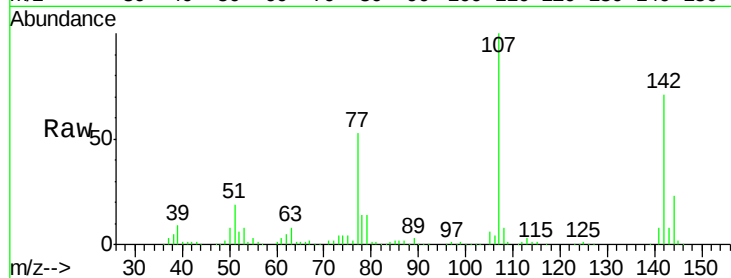




#36
4-Chloro-3-methylphenol
Concen: 44.24 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

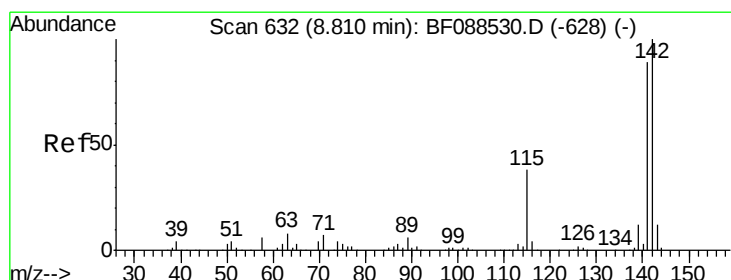
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.8	31.2
142	71.3	63.4	95.2



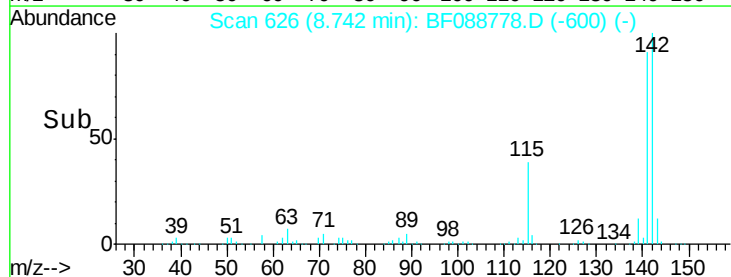
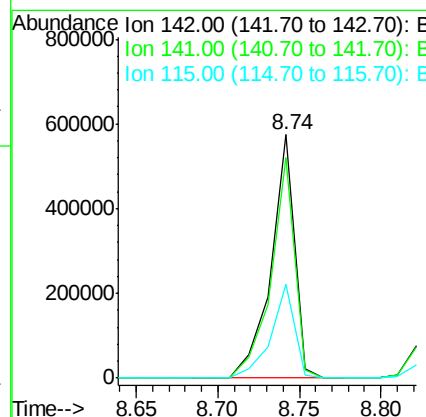
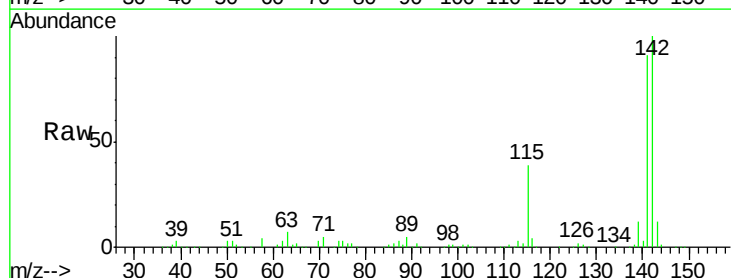
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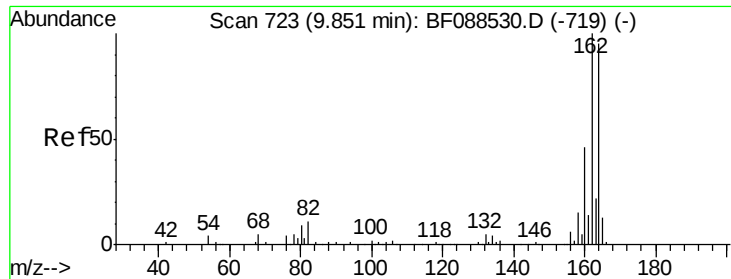
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#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	38.8	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

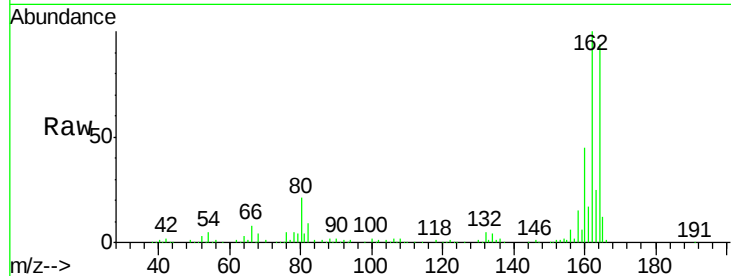
Instrument :

BNA_F

ClientSampleId :

PB91873BS

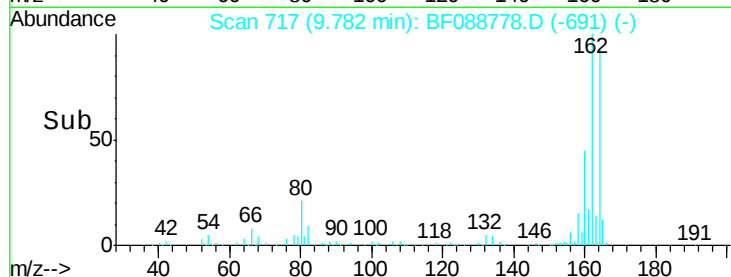
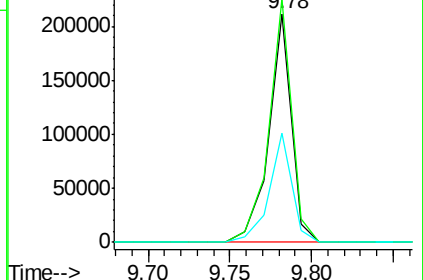
Tgt Ion:	164	Resp:	203328
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.4	128.2
160	47.7	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E

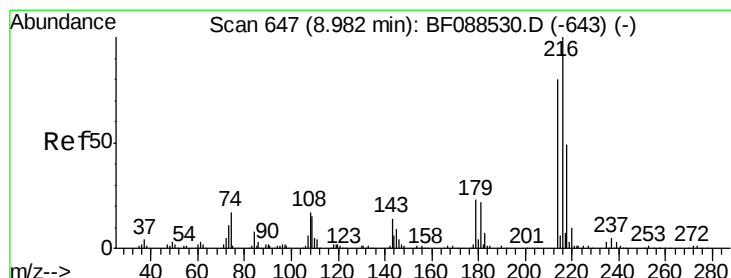
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.25 ng

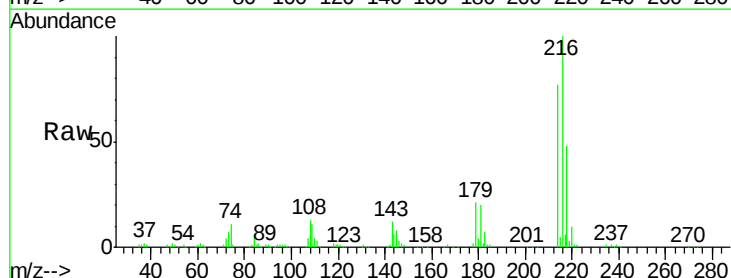
RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:	216	Resp:	258665
Ion Ratio	Lower	Upper	
216	100		
214	78.0	2.9	4.3#
179	22.3	0.0	0.0#
108	21.6	0.5	0.7#

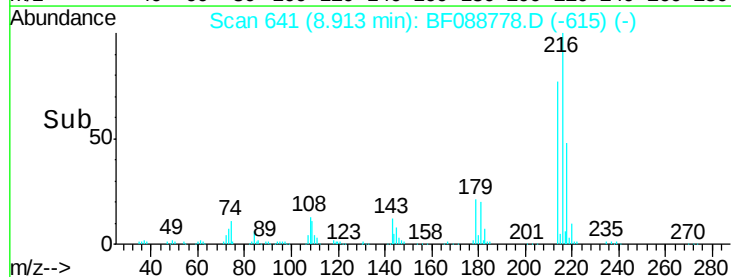
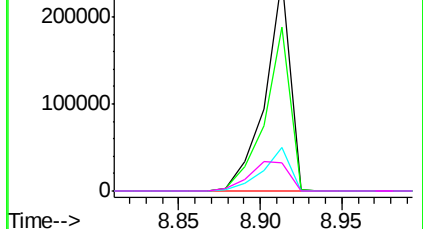


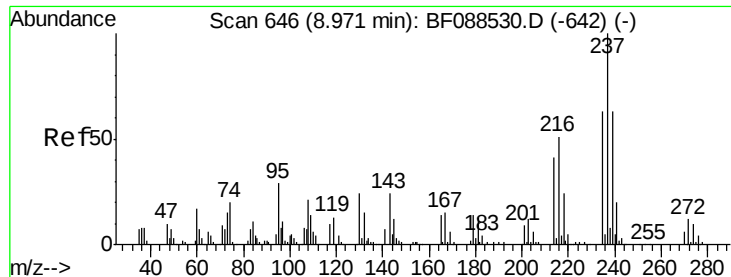
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

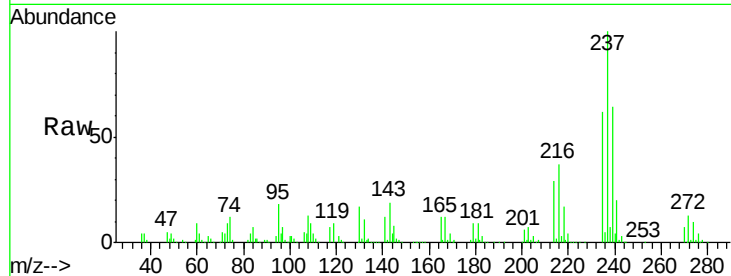




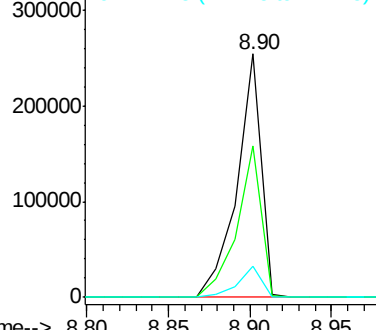
#40
Hexachlorocyclopentadiene
Concen: 79.47 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.4	83.4
272	12.9	0.0	32.3

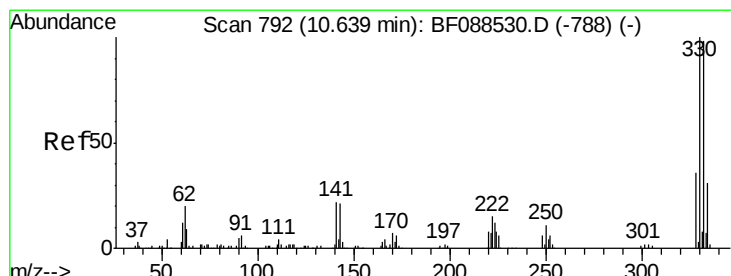
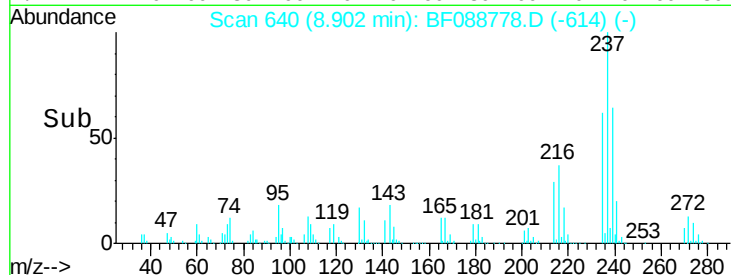


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



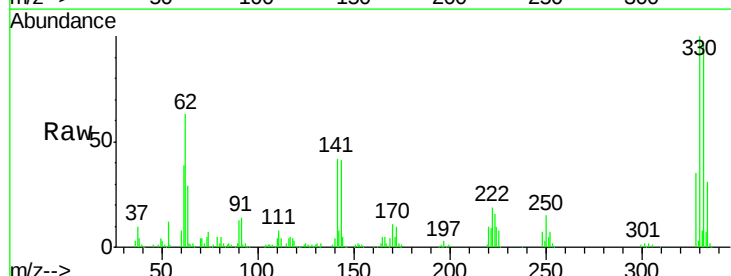
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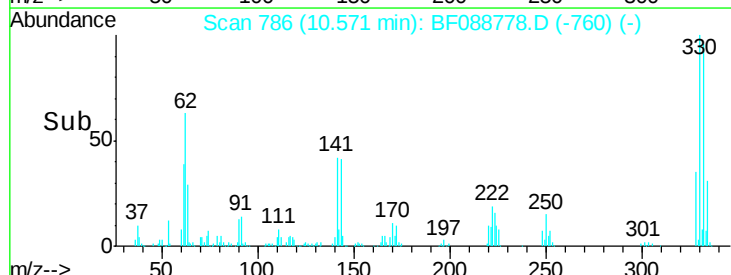
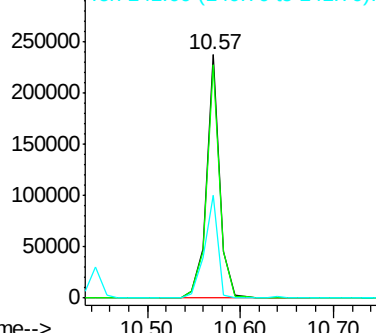


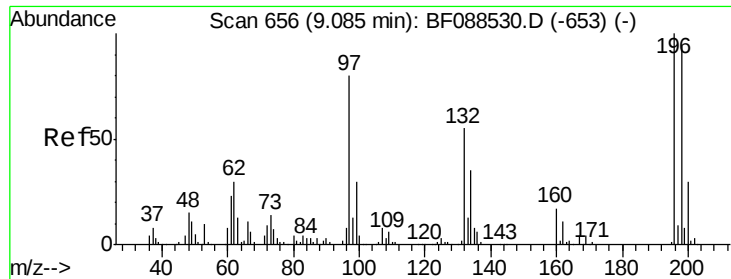
#41
2,4,6-Tribromophenol
Concen: 124.52 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	43.3	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

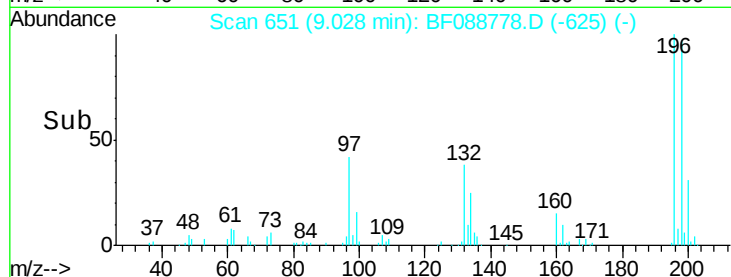
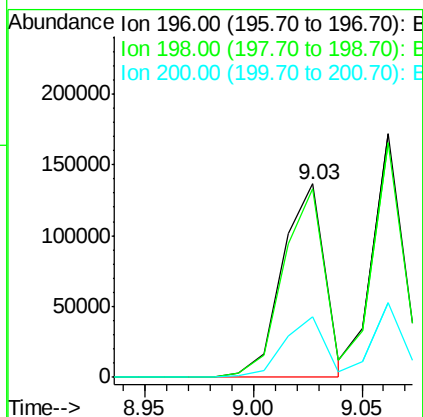
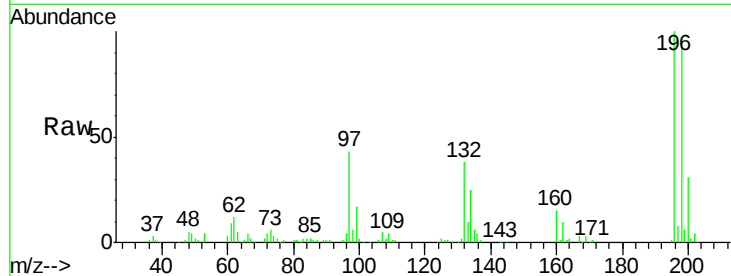




#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

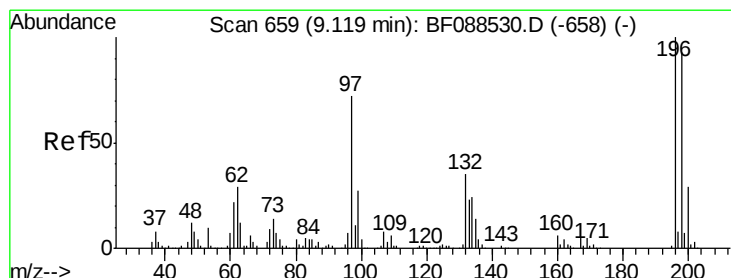
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:196 Resp: 185290
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.2 25.4 38.2



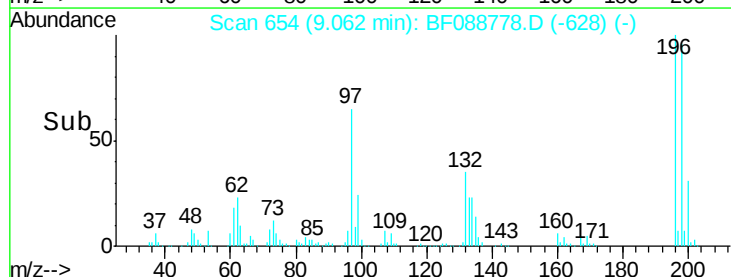
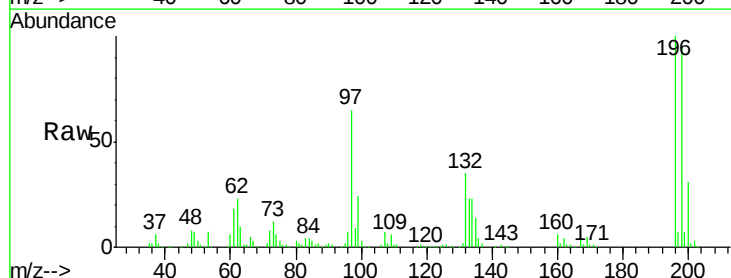
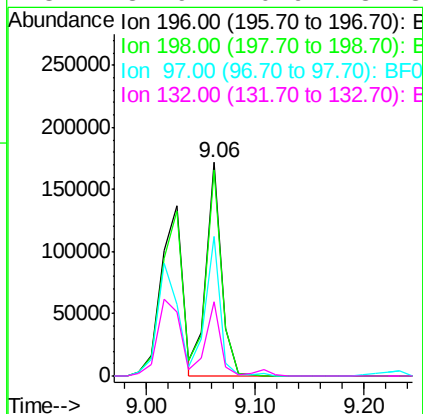
SOHIL

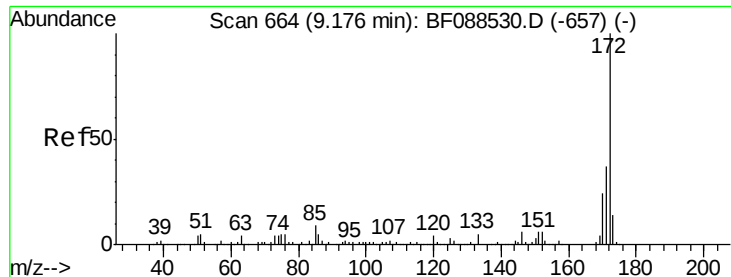
7/8/2016 7:03:34 AM



#43
 2,4,5-Trichlorophenol
 Concen: 44.52 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:196 Resp: 170787
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.5 116.3
 97 65.4 32.0 48.0#
 132 34.9 20.9 31.3#





#44

2-Fluorobiphenyl

Concen: 80.96 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

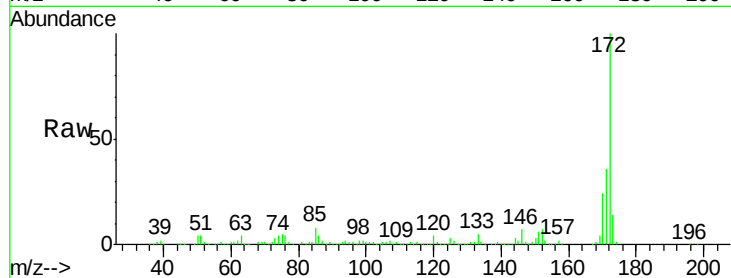
Tgt Ion:172 Resp: 1042204

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

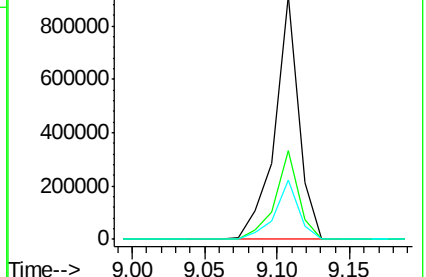
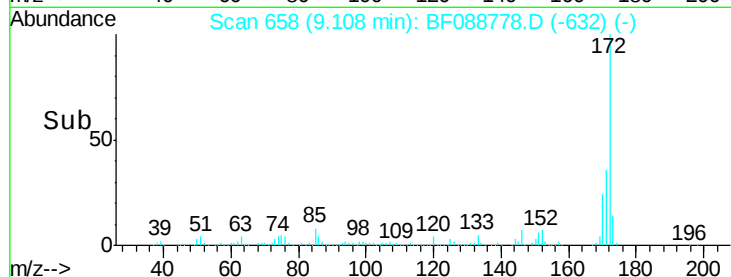
170 24.3 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

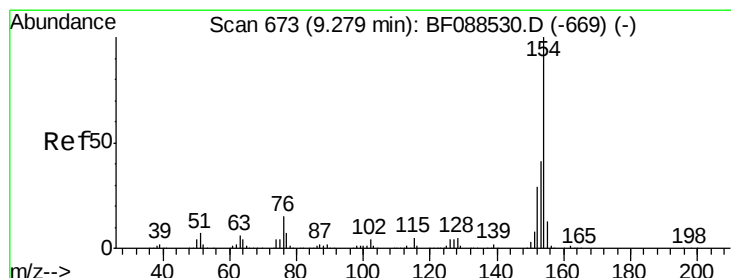
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 43.02 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

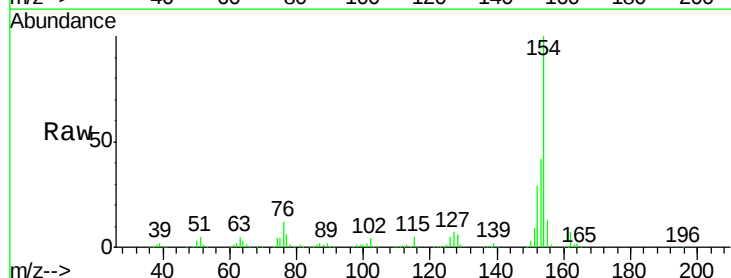
Tgt Ion:154 Resp: 724367

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

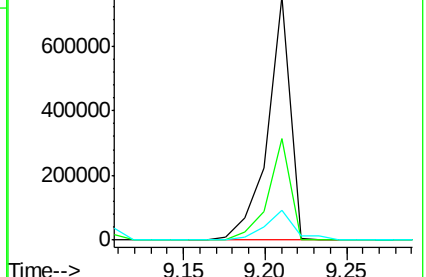
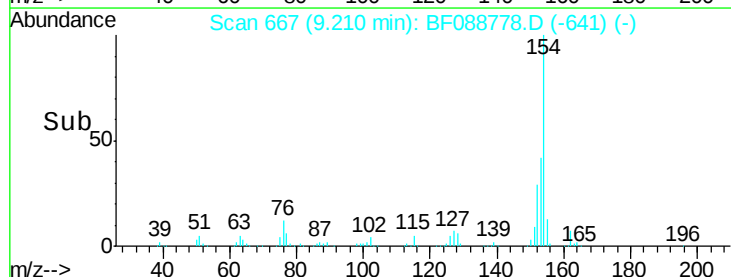
76 12.1 0.0 35.1

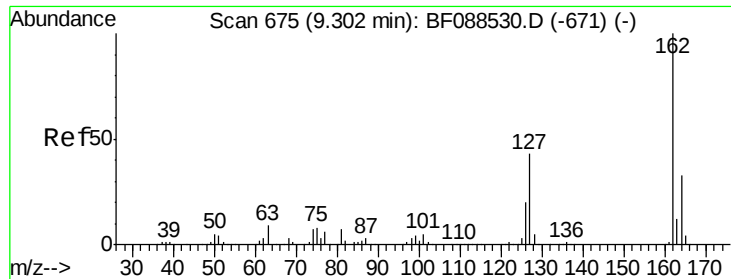


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

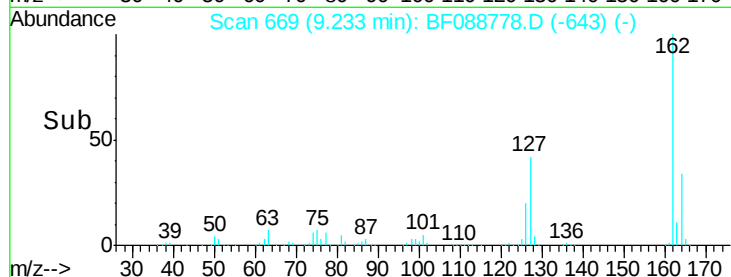
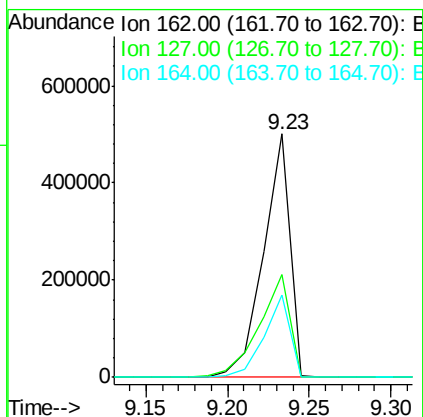
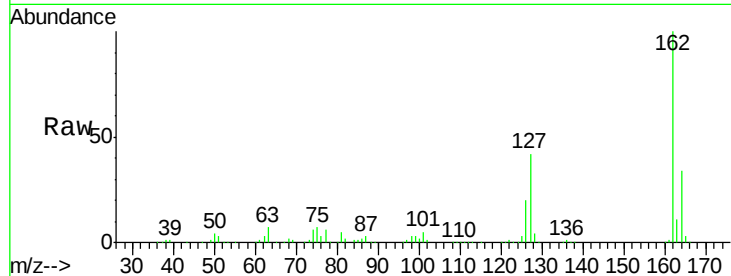




#46
2-Chloronaphthalene
Concen: 42.85 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

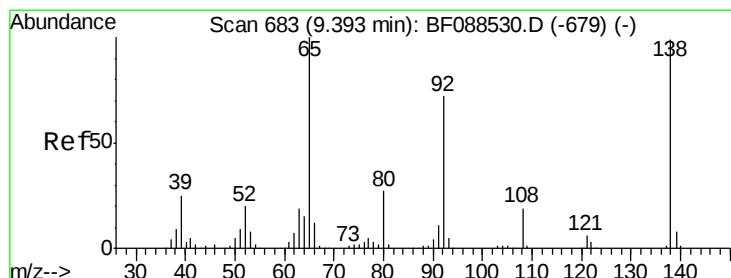
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.2	52.8
164	33.7	26.6	39.8



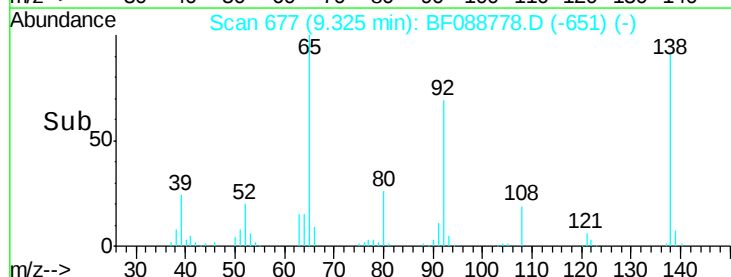
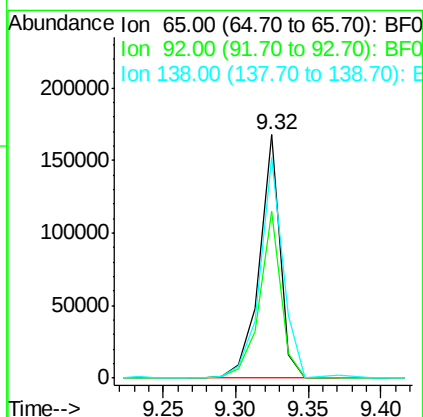
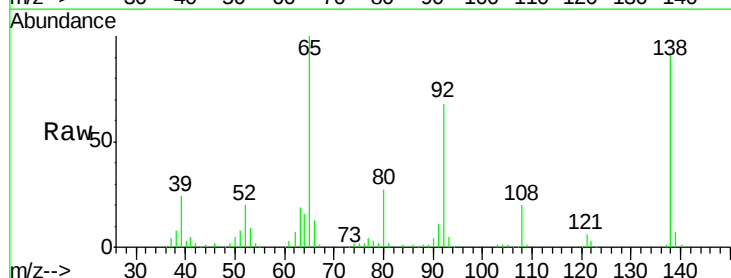
SOHIL

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#47
2-Nitroaniline
Concen: 35.58 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	82.0
138	90.7	77.0	115.4





#48

Acenaphthylene

Concen: 41.06 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

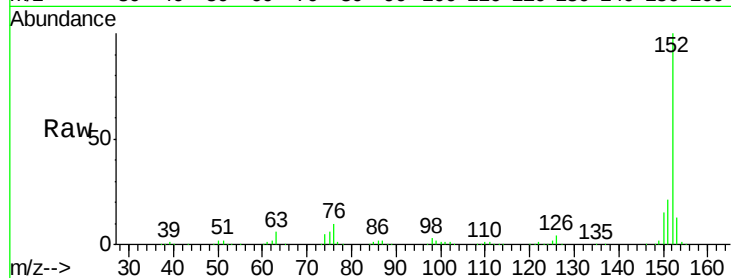
Instrument :

BNA_F

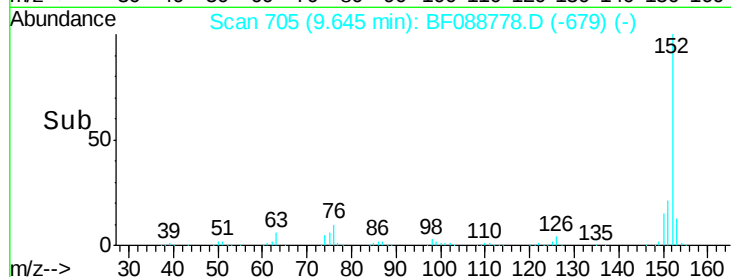
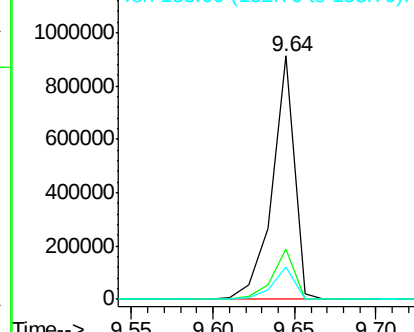
ClientSampleId :

PB91873BS

Tgt Ion:	152	Resp:	863592
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	13.4	11.0	16.6

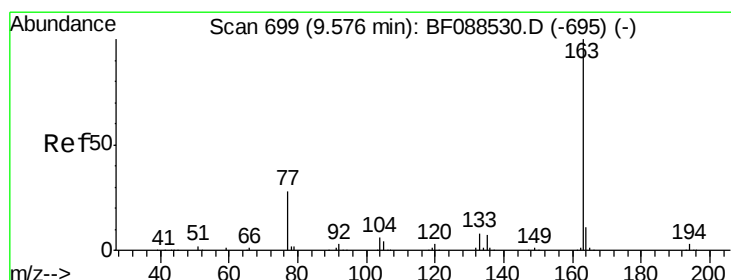


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 44.58 ng

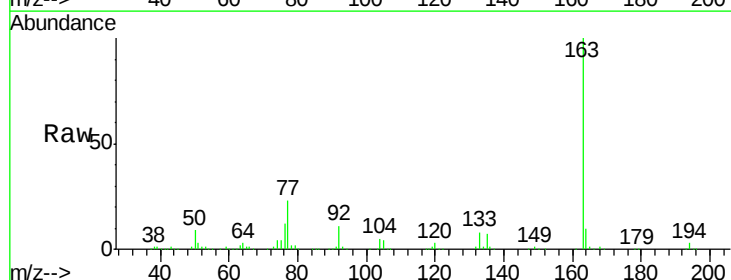
RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

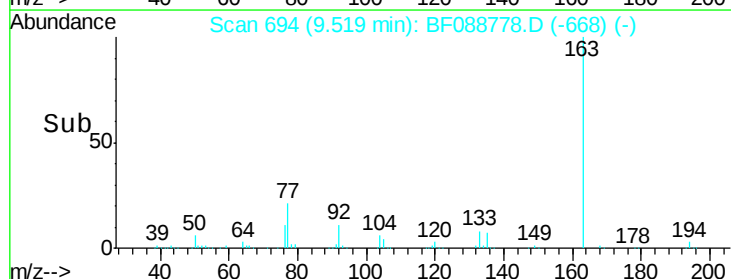
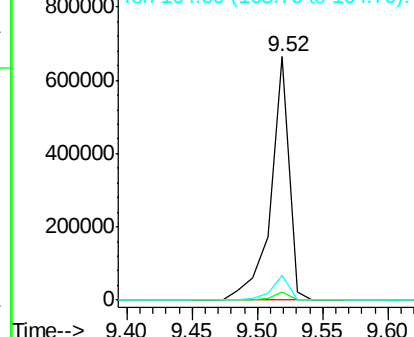
Lab File: BF088778.D

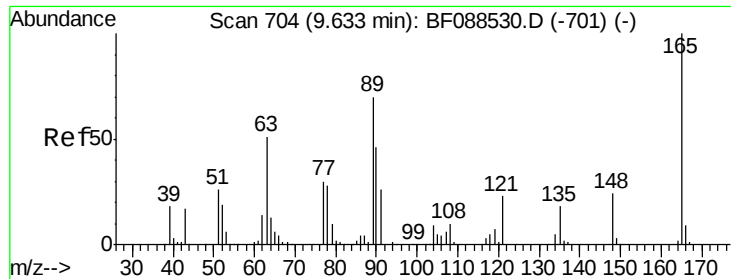
Acq: 7 Jul 2016 14:14

Tgt Ion:	163	Resp:	645782
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.2	8.3	12.5



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

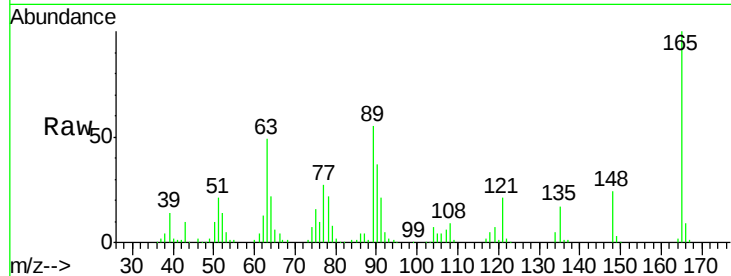




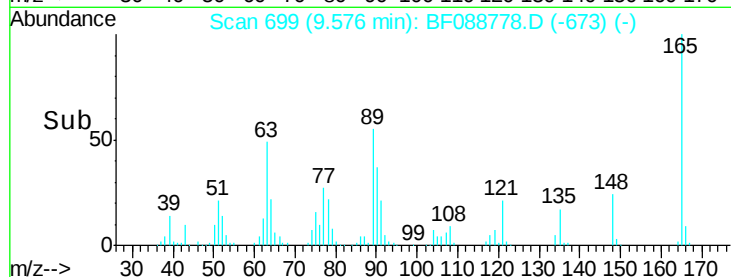
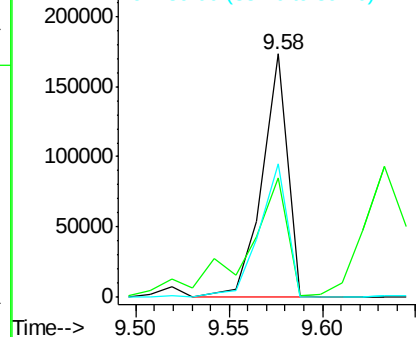
#50
2,6-Dinitrotoluene
Concen: 50.61 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	28.1	42.1#
89	55.0	32.2	48.2#

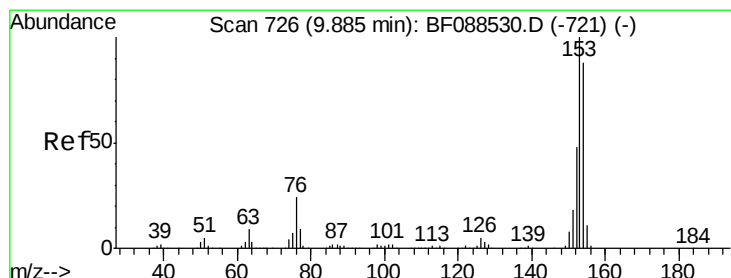


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



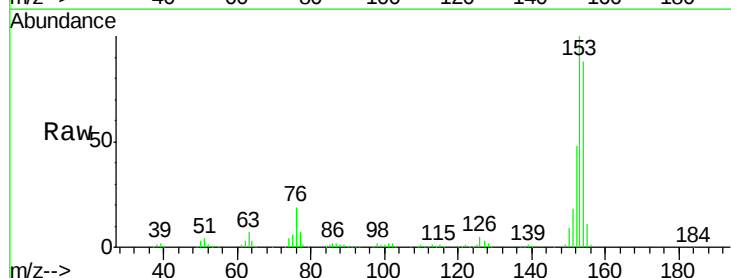
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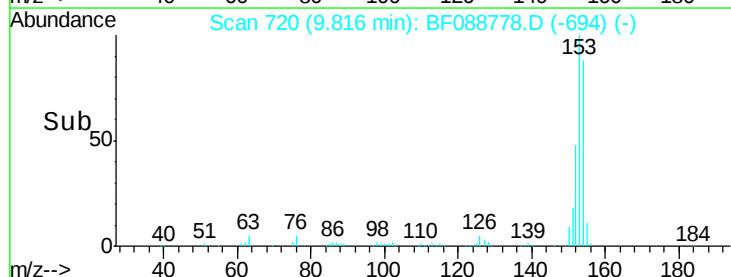
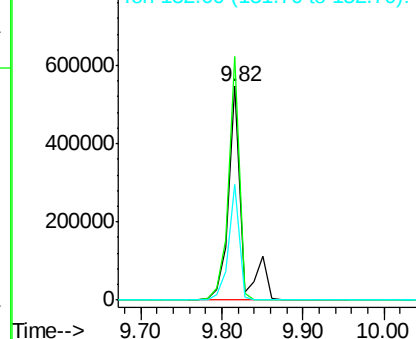


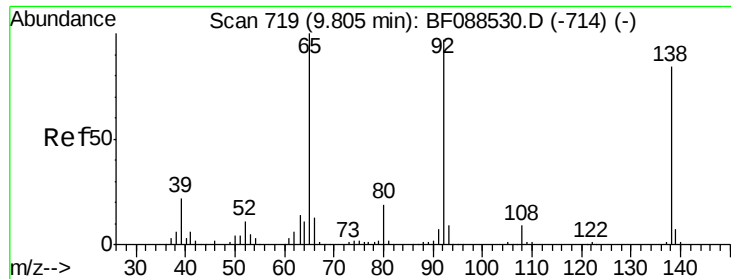
#51
Acenaphthene
Concen: 48.27 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	54.4	42.7	64.1



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

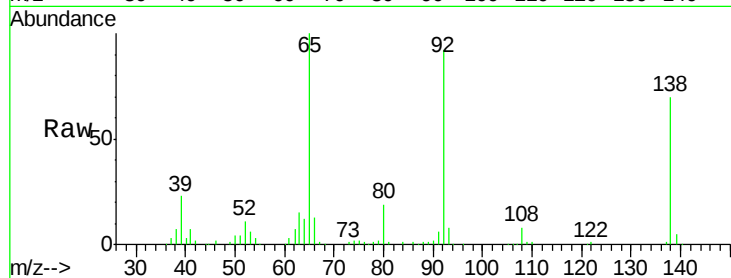




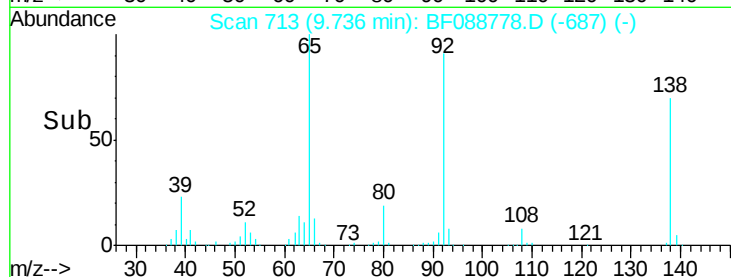
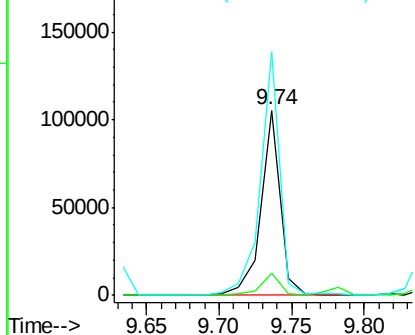
#52
3-Nitroaniline
Concen: 23.76 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:138 Resp: 96985
Ion Ratio Lower Upper
138 100
108 12.0 8.5 12.7
92 131.5 95.7 143.5

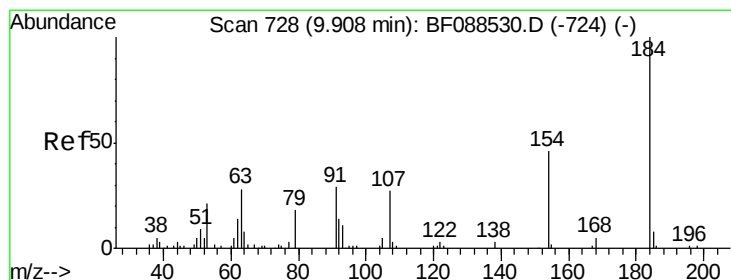


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



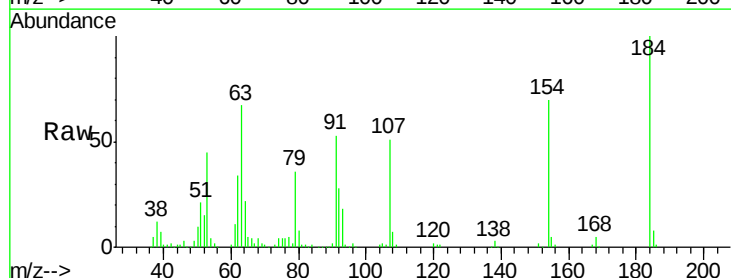
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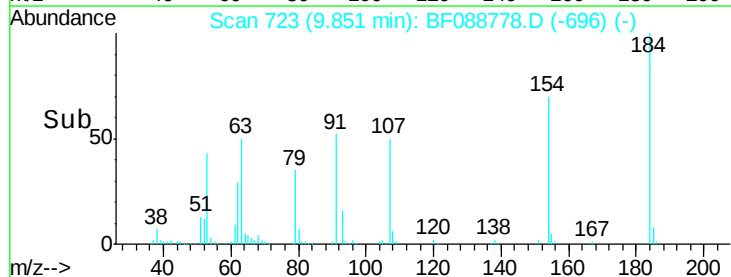
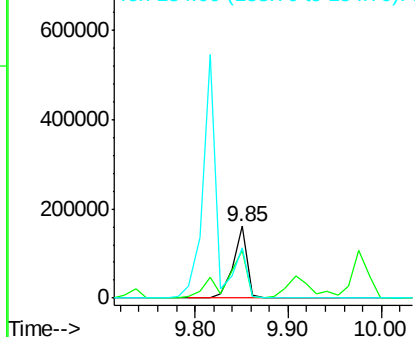


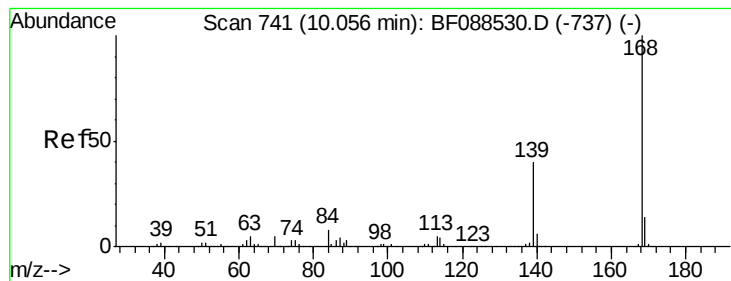
#53
2,4-Dinitrophenol
Concen: 119.54 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:184 Resp: 169456
Ion Ratio Lower Upper
184 100
63 66.7 57.6 86.4
154 70.4 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 42.25 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

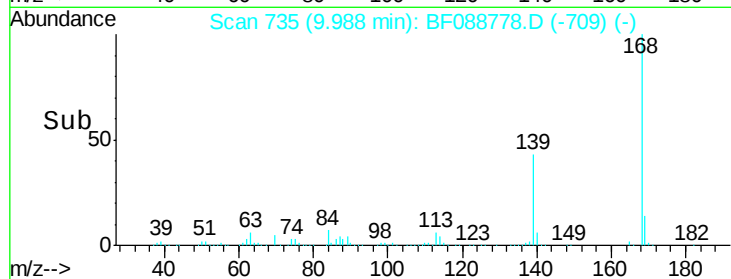
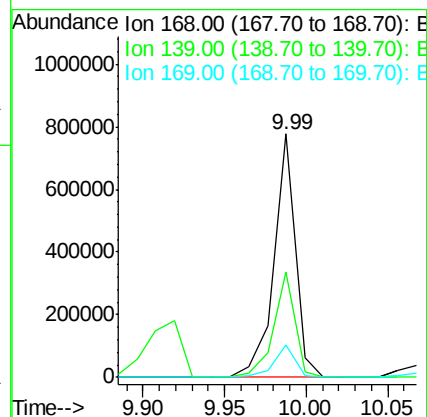
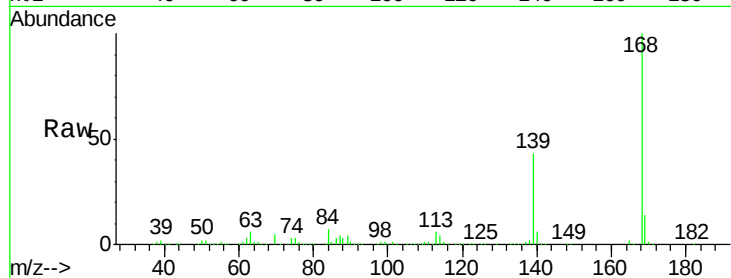
Instrument :

BNA_F

ClientSampleId :

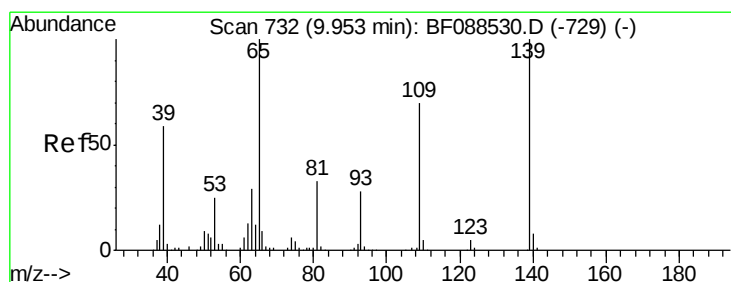
PB91873BS

Tgt Ion:	168	Resp:	712841
Ion Ratio	Lower	Upper	
168	100		
139	43.4	26.4	39.6#
169	13.5	10.4	15.6



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#55

4-Nitrophenol

Concen: 87.99 ng

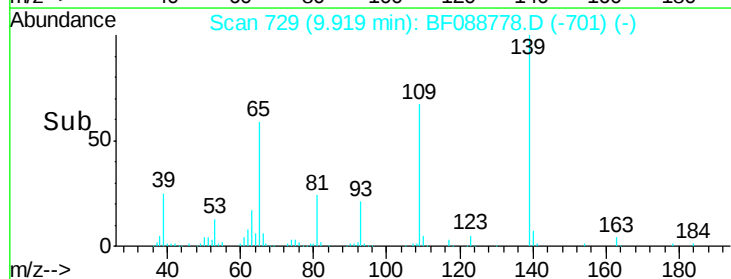
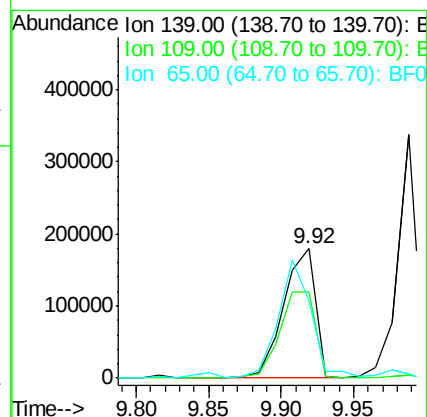
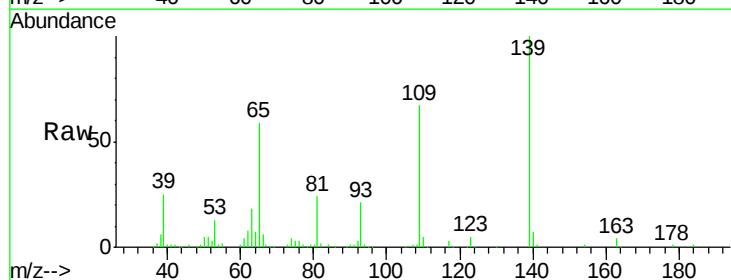
RT: 9.92 min Scan# 729

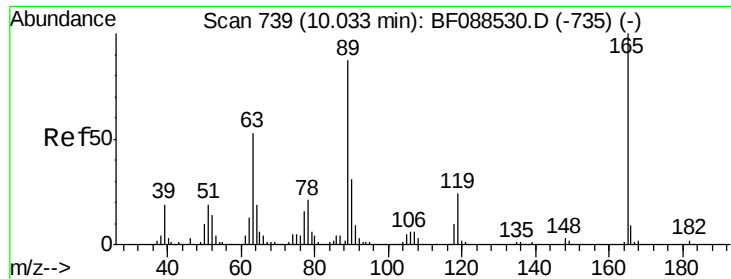
Delta R.T. 0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:	139	Resp:	272900
Ion Ratio	Lower	Upper	
139	100		
109	67.1	48.9	88.9
65	59.3	84.9	124.9#

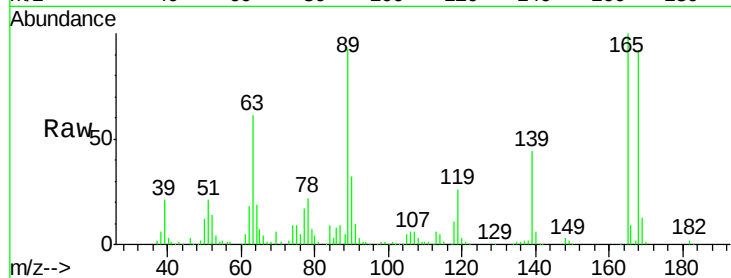




#56
2,4-Dinitrotoluene
Concen: 39.63 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:	165	Resp:	166352
Ion Ratio	Lower	Upper	
165	100		
63	61.1	22.0	33.0#
89	92.8	41.1	61.7#
182	2.3	2.0	3.0

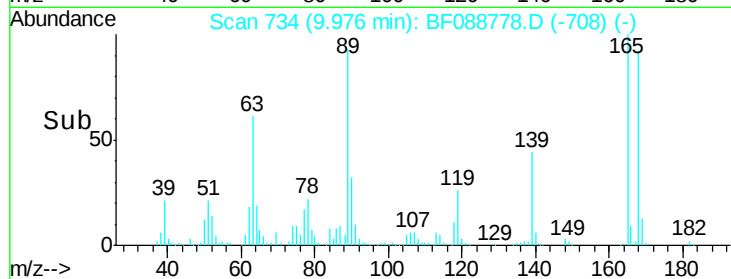
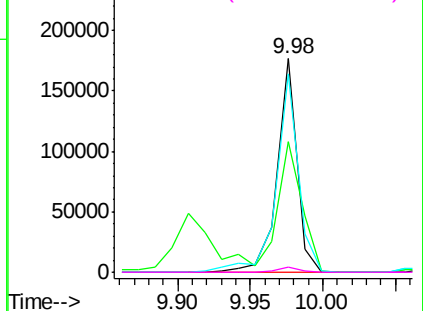


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

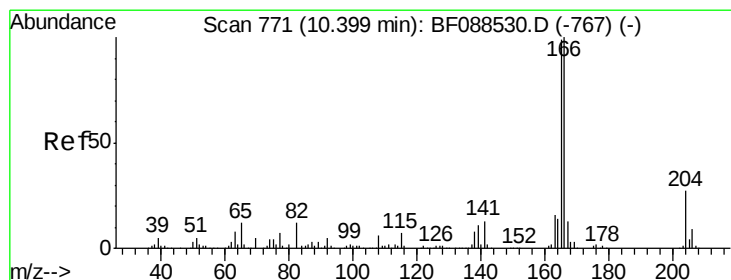
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



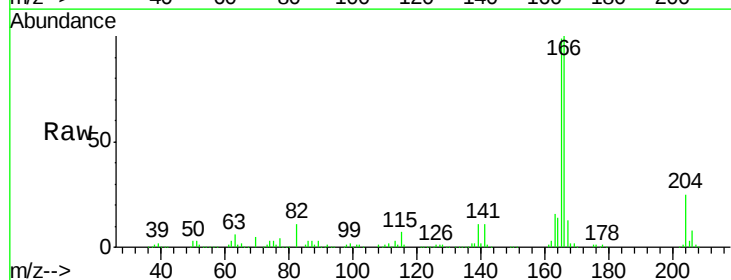
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#57
Fluorene
Concen: 46.09 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

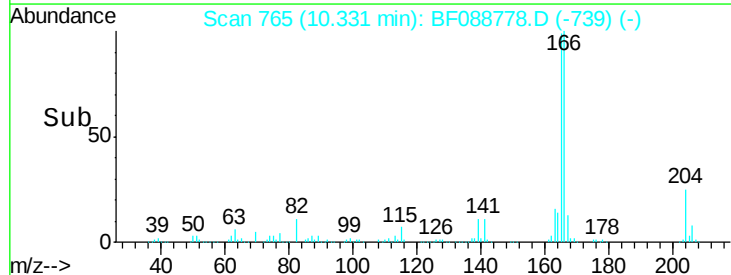
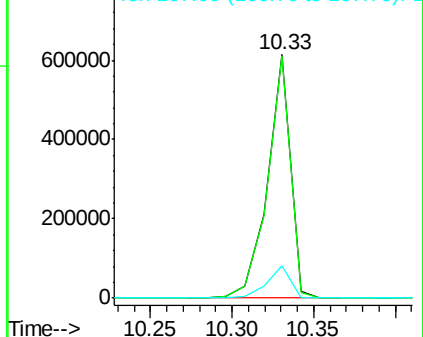
Tgt Ion:	166	Resp:	599288
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.4	11.2	16.8



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

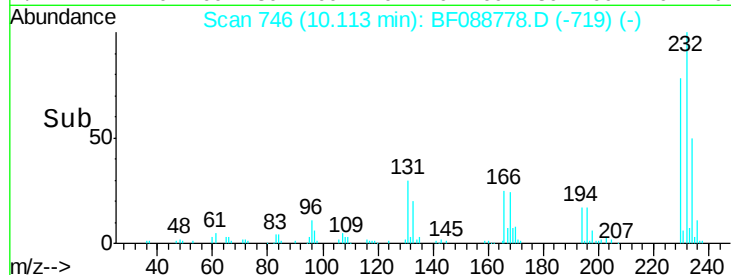
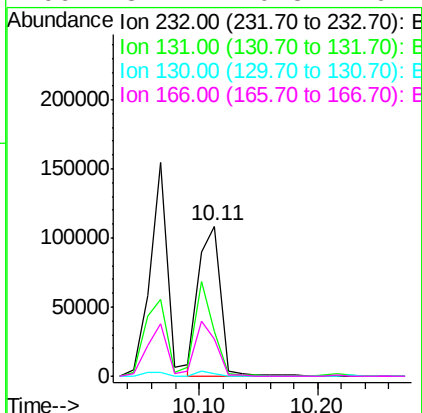
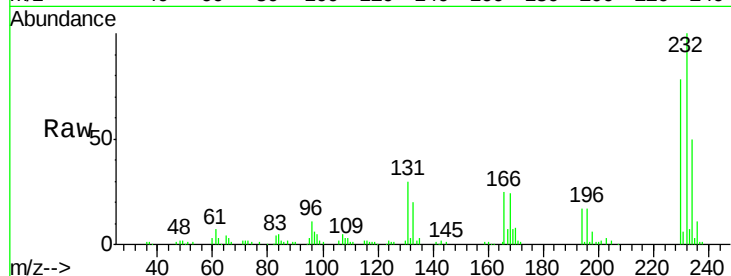




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.06 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

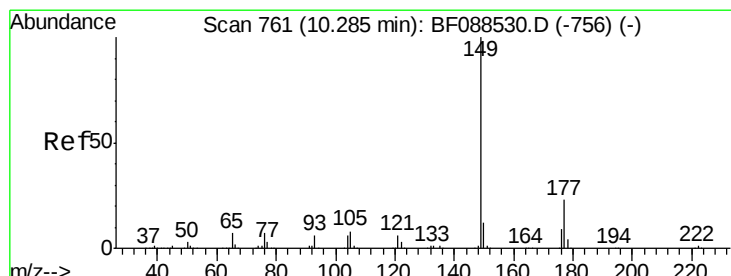
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:	232	Resp:	142633
Ion Ratio	Lower	Upper	
232	100		
131	53.5	0.9	1.3#
130	2.8	1.5	2.3#
166	34.2	0.5	0.7#



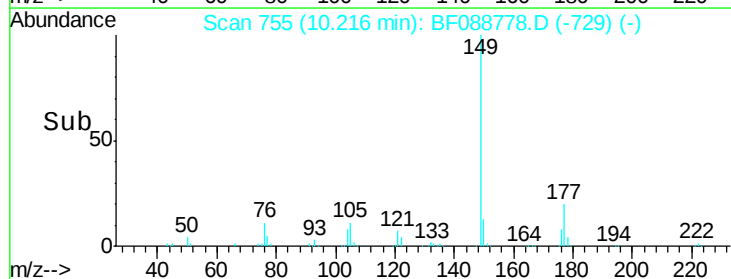
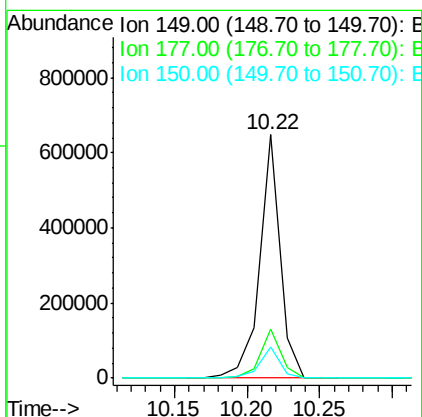
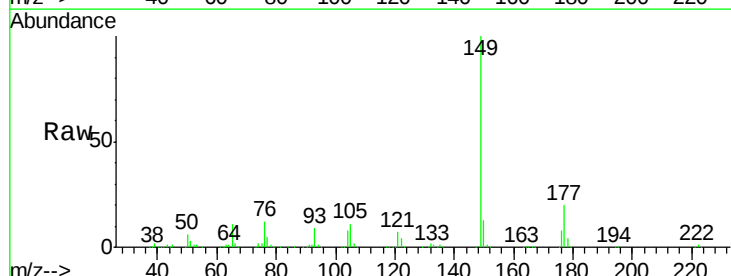
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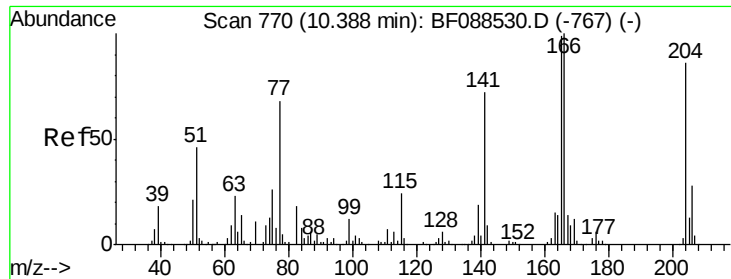
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#59
 Diethylphthalate
 Concen: 43.68 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:	149	Resp:	635020
Ion Ratio	Lower	Upper	
149	100		
177	20.0	16.9	25.3
150	12.9	10.1	15.1

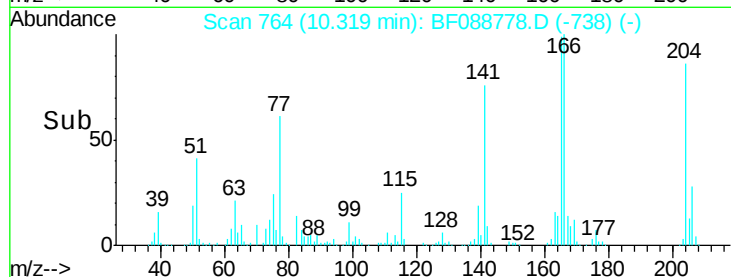
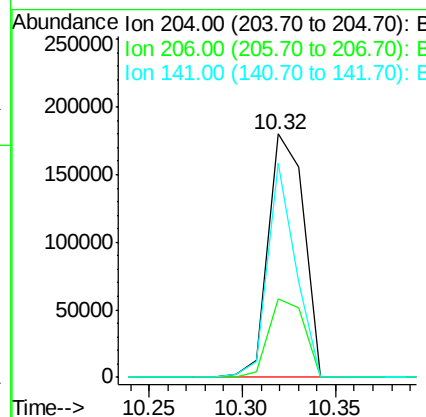
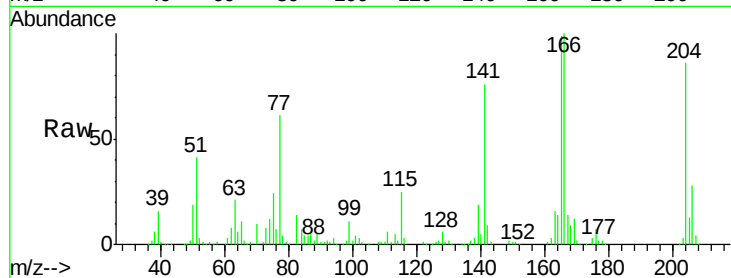




#60
 4-Chlorophenyl-phenylether
 Concen: 39.80 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

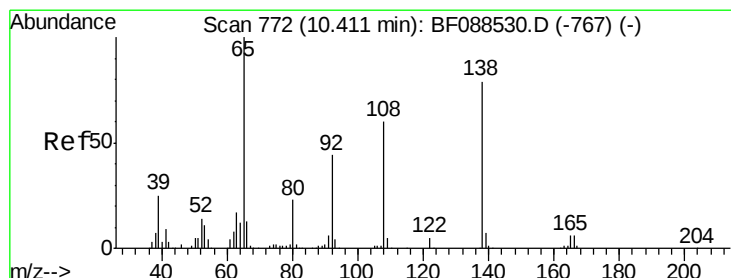
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion: 204 Resp: 240470
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.3 39.5
 141 88.0 55.0 82.6#



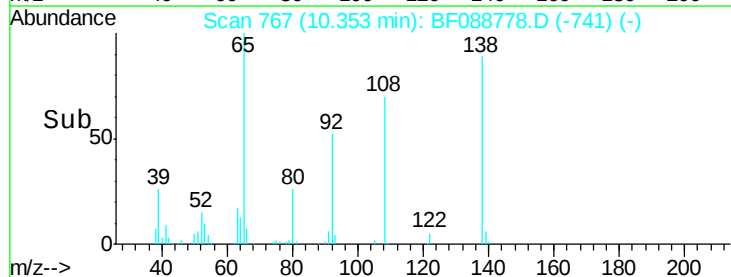
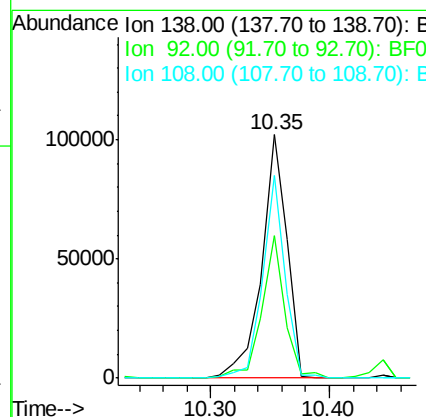
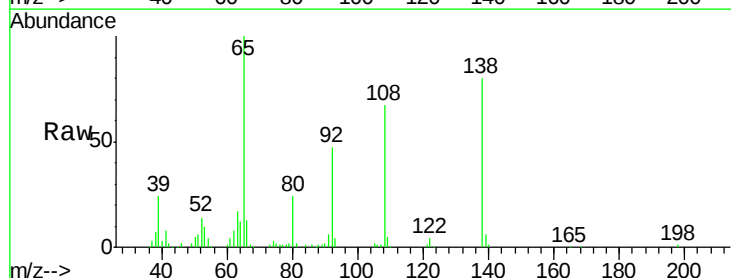
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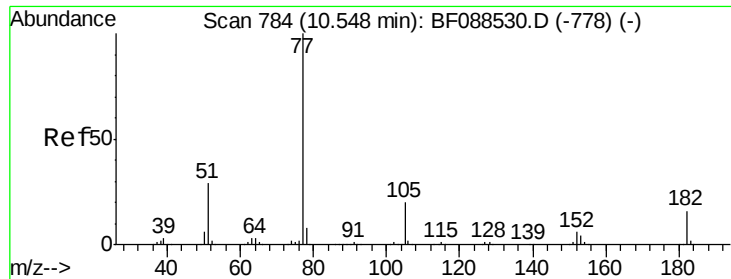
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#61
 4-Nitroaniline
 Concen: 38.53 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion: 138 Resp: 151335
 Ion Ratio Lower Upper
 138 100
 92 58.6 27.3 67.3
 108 83.1 46.7 86.7

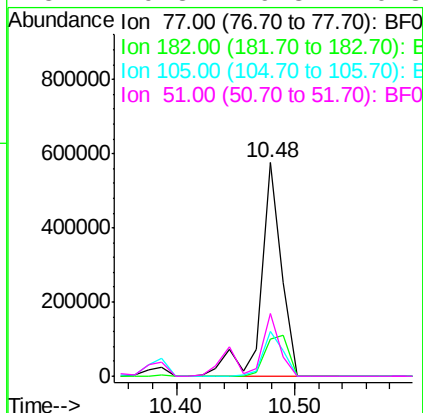
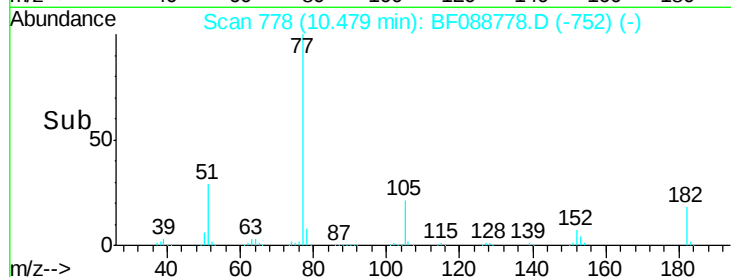
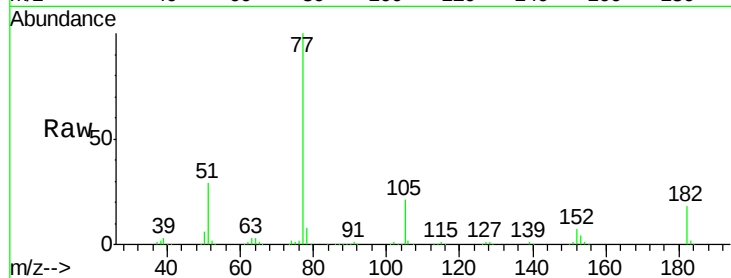




#62
Azobenzene
Concen: 41.61 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

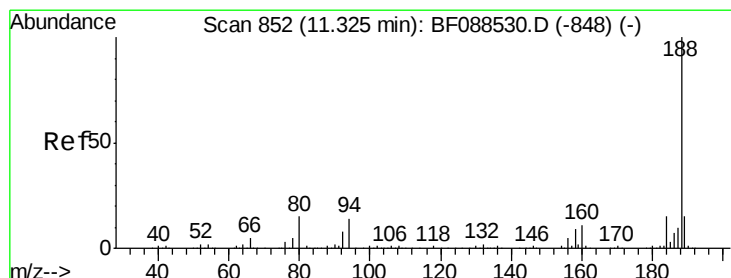
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:	77	Resp:	690055
Ion	Ratio	Lower	Upper
77	100		
182	17.6	4.4	44.4
105	21.2	3.8	43.8
51	29.3	9.3	49.3



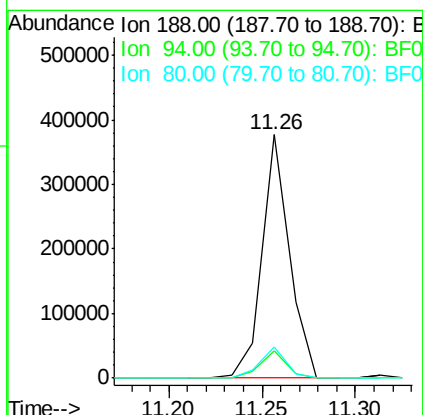
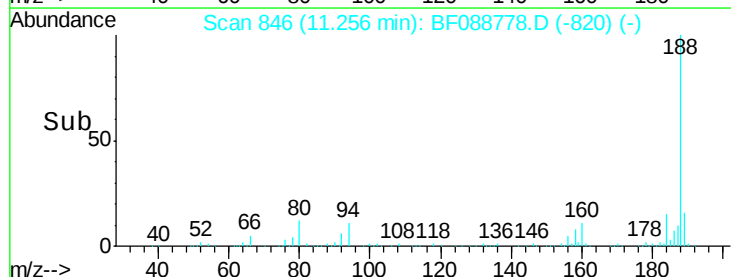
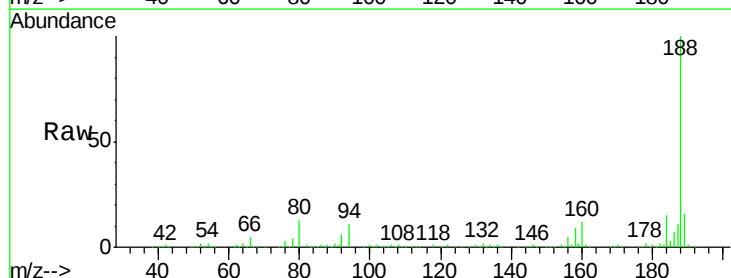
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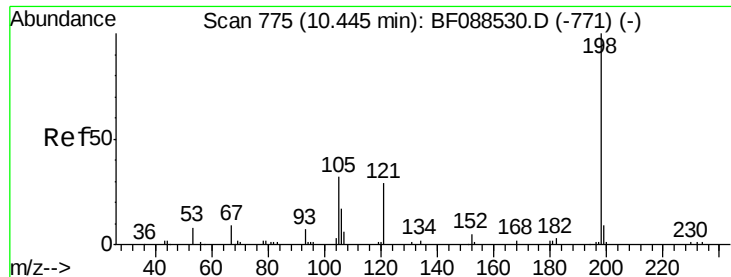
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:	188	Resp:	378497
Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	12.6	10.0	15.0





#64

4,6-Dinitro-2-methylphenol

Concen: 56.03 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

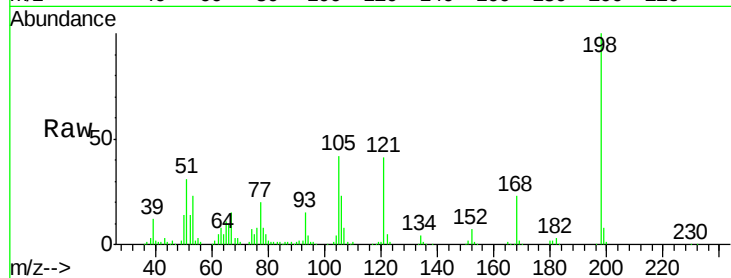
Tgt Ion:198 Resp: 113420

Ion Ratio Lower Upper

198 100

51 31.5 39.6 79.6#

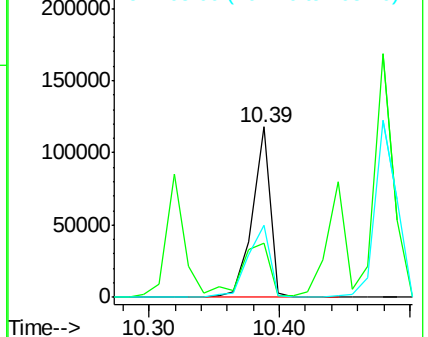
105 42.4 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

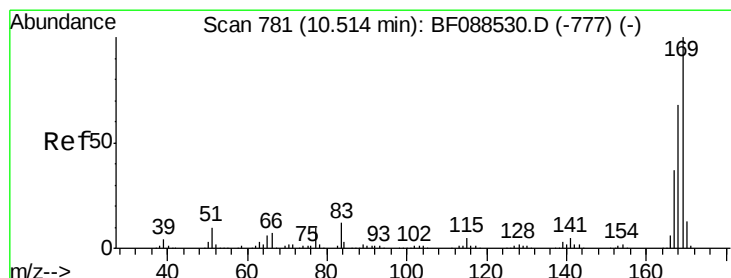
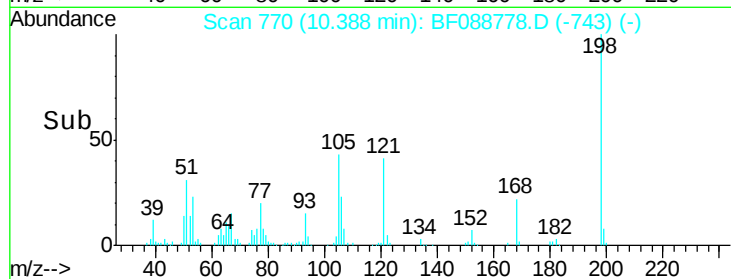
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 38.61 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

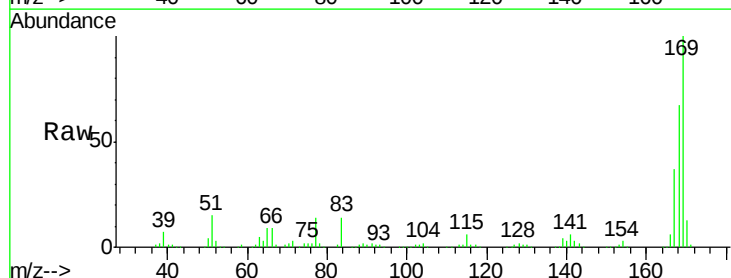
Tgt Ion:169 Resp: 494581

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

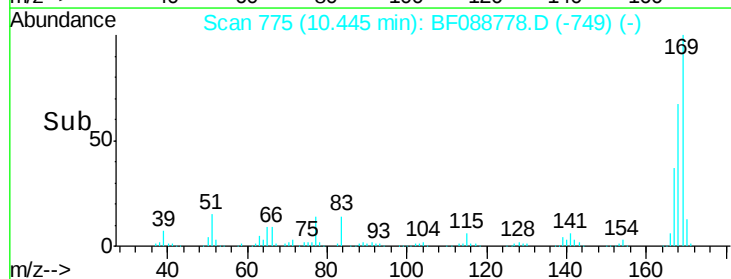
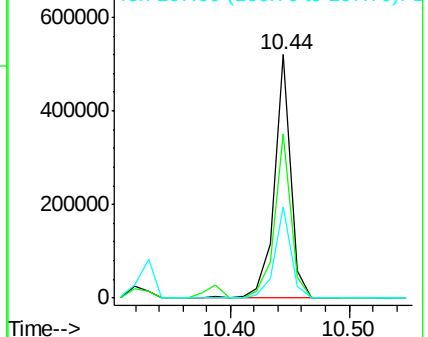
167 37.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

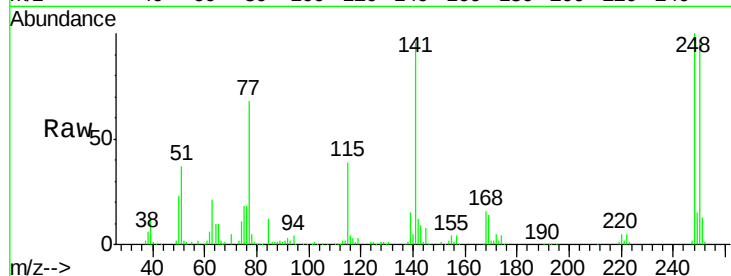




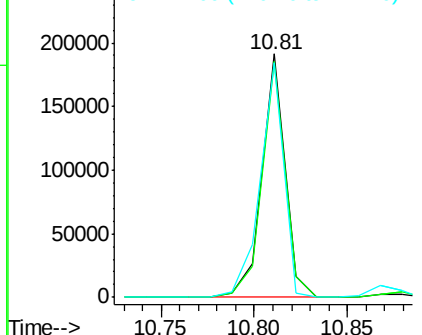
#66
4-Bromophenyl-phenylether
Concen: 42.56 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:248 Resp: 162331
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 96.5 50.6 76.0#

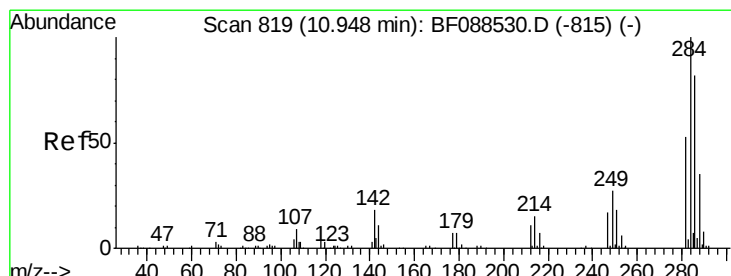
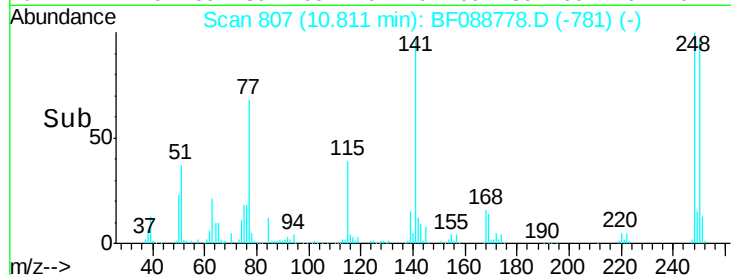


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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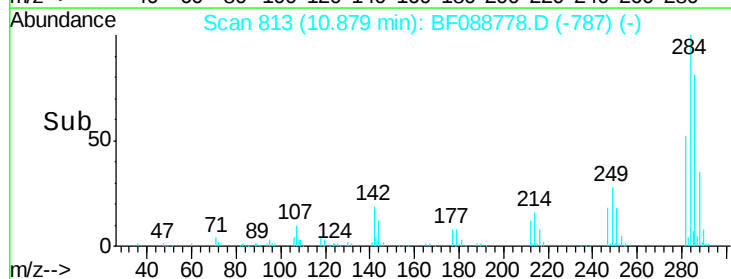
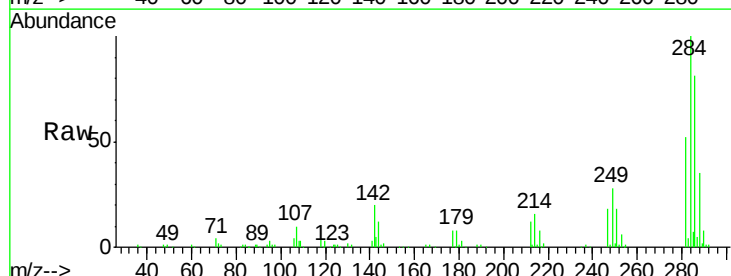
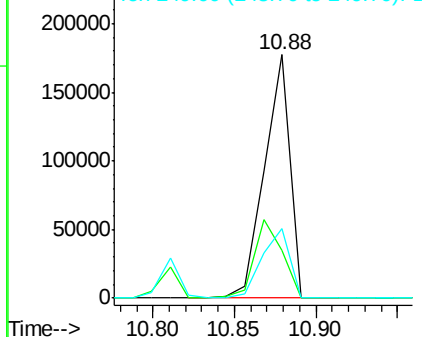
7/8/2016 7:03:34 AM

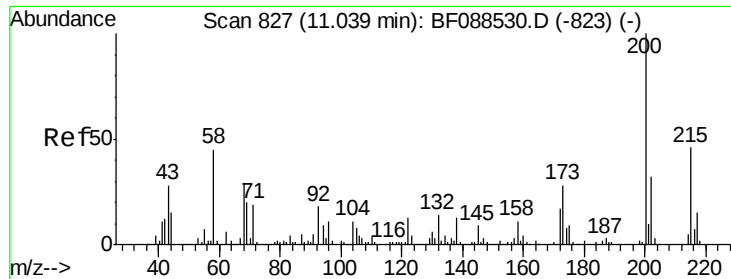


#67
Hexachlorobenzene
Concen: 45.56 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:284 Resp: 192369
Ion Ratio Lower Upper
284 100
142 19.6 35.8 53.8#
249 28.4 25.8 38.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

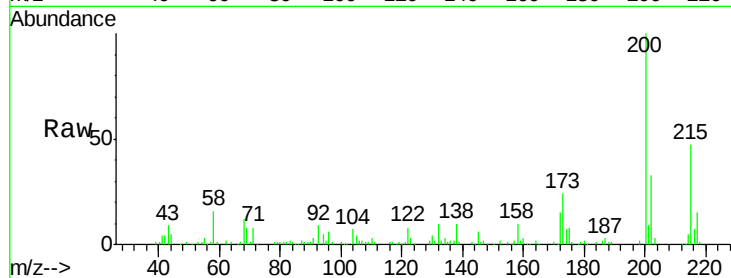




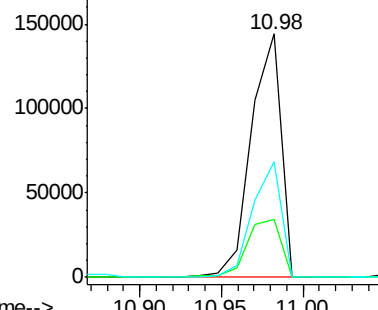
#68
Atrazine
Concen: 46.07 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.0	44.0
215	47.5	29.3	69.3

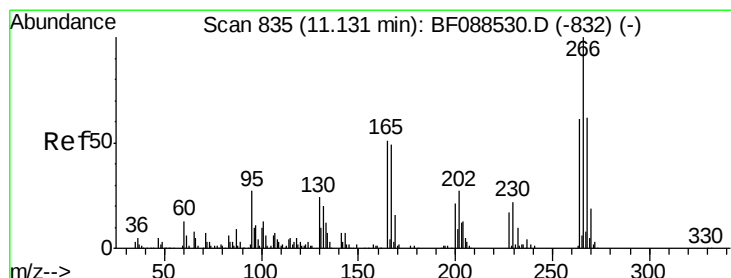
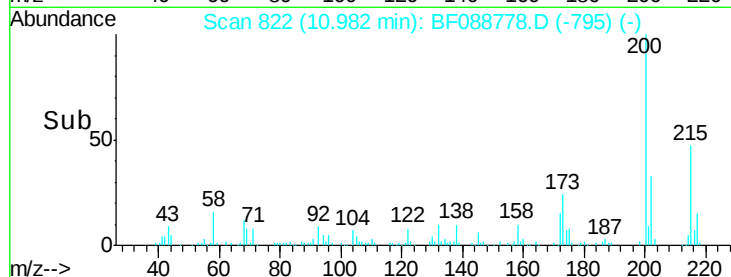


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



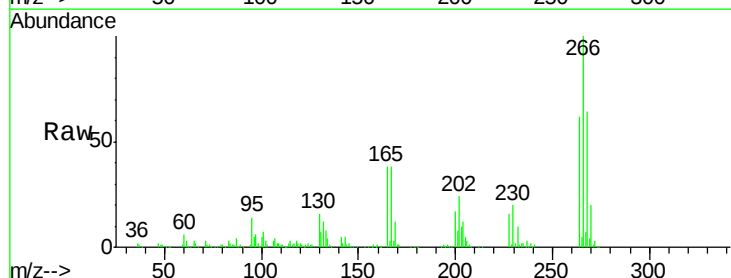
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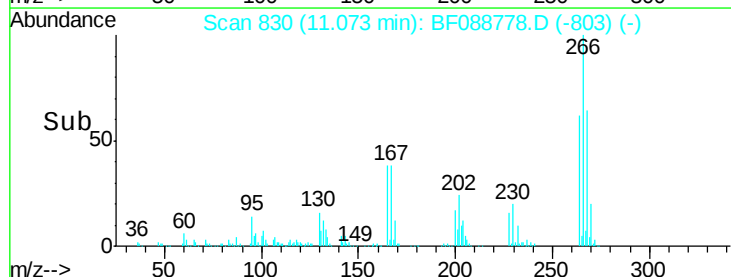
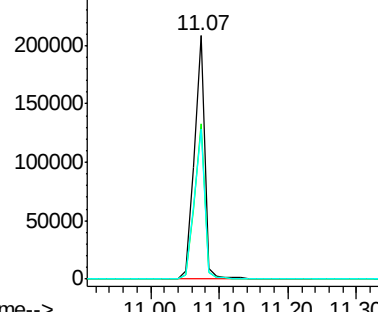


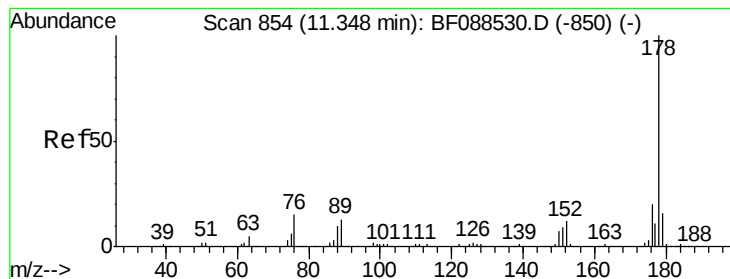
#69
Pentachlorophenol
Concen: 90.44 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.8	79.2
264	61.7	49.6	74.4



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





#70

Phenanthrene

Concen: 41.96 ng

RT: 11.28 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

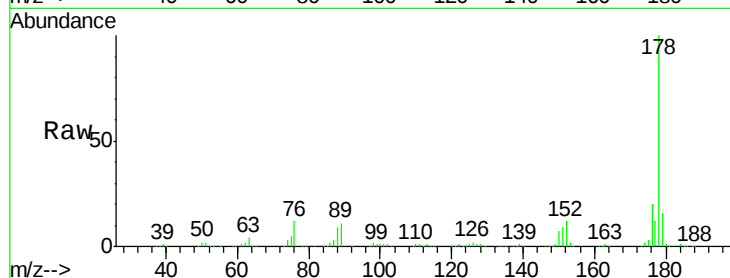
Tgt Ion:178 Resp: 868105

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

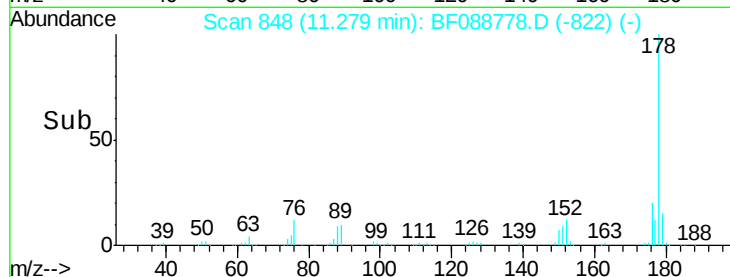
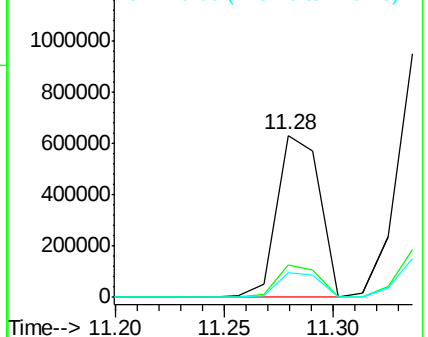
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

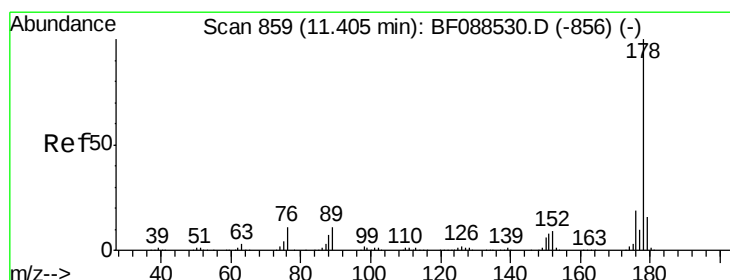
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#71

Anthracene

Concen: 41.55 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

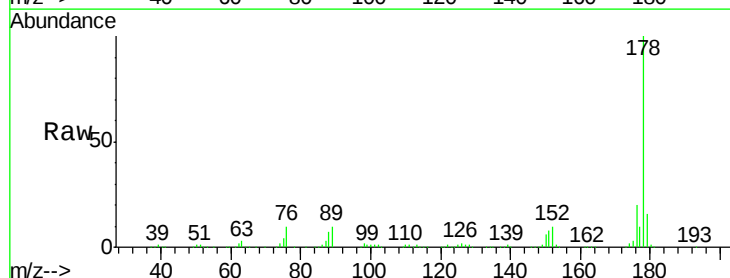
Tgt Ion:178 Resp: 854890

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

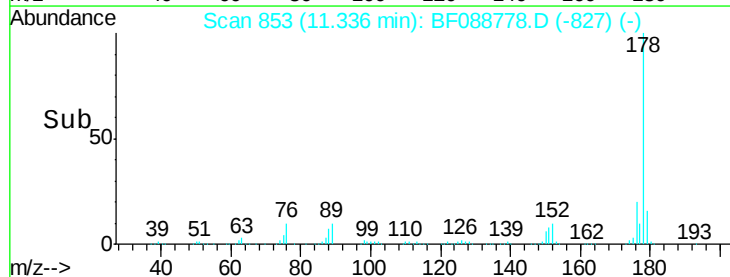
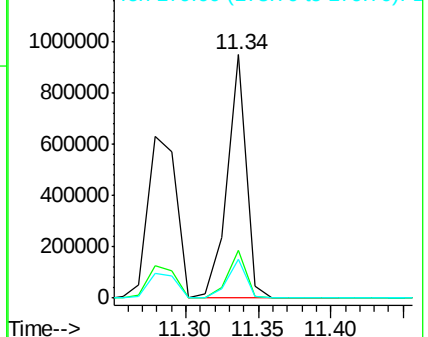
179 15.9 12.8 19.2

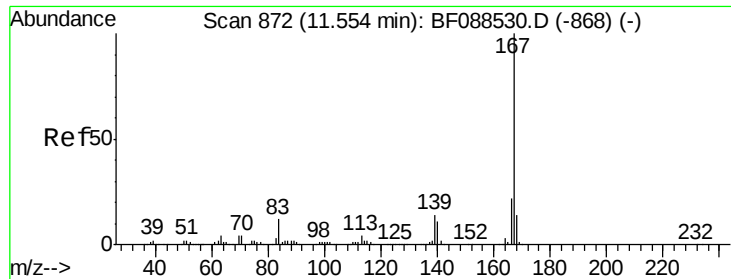


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

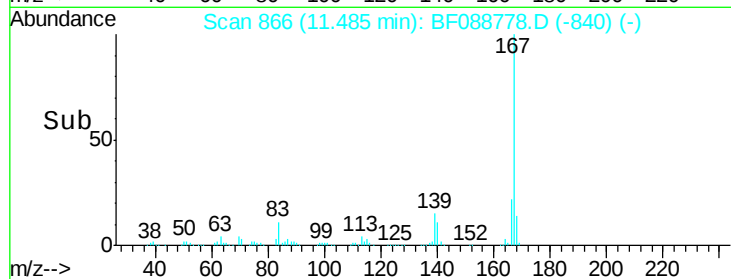
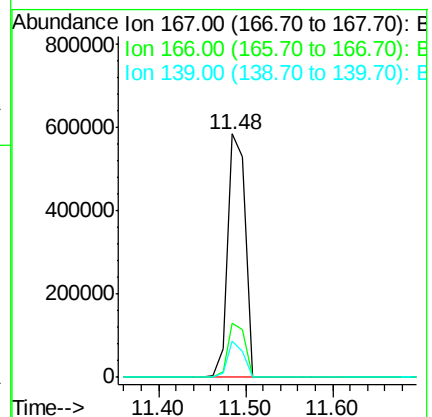
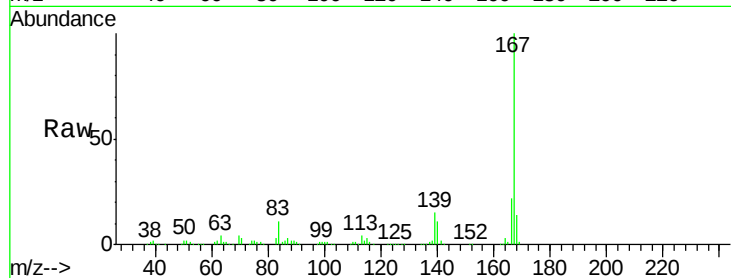




#72
 Carbazole
 Concen: 42.29 ng
 RT: 11.48 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

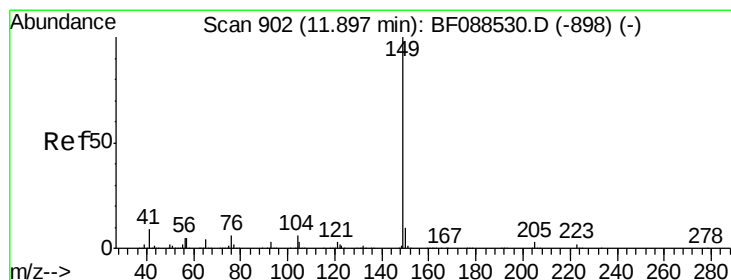
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.8	11.2	16.8



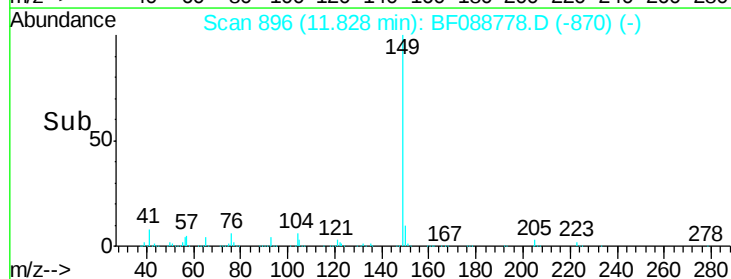
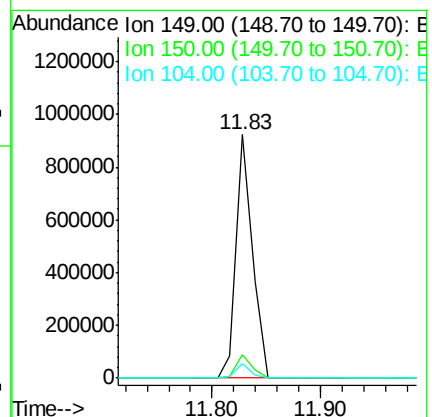
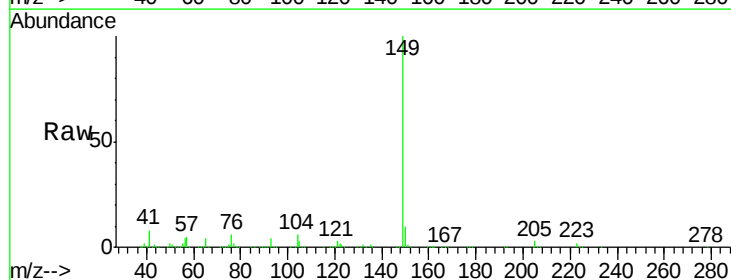
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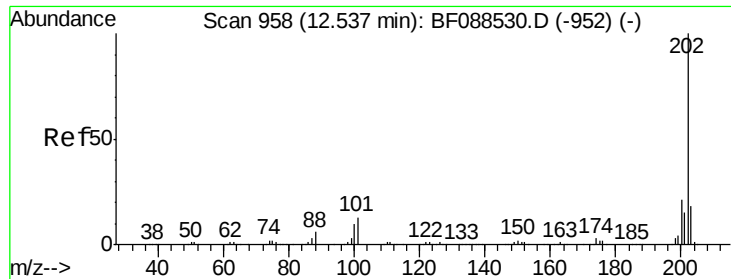
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#73
 Di-n-butylphthalate
 Concen: 41.86 ng
 RT: 11.83 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	6.0	4.0	6.0#

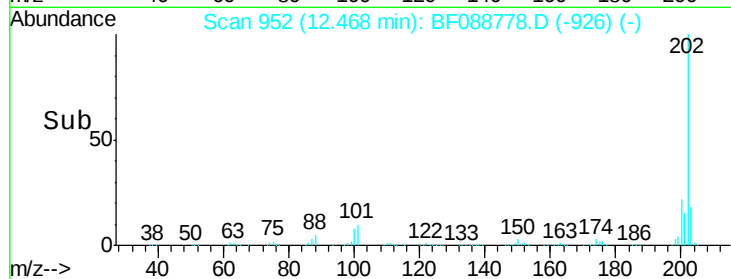
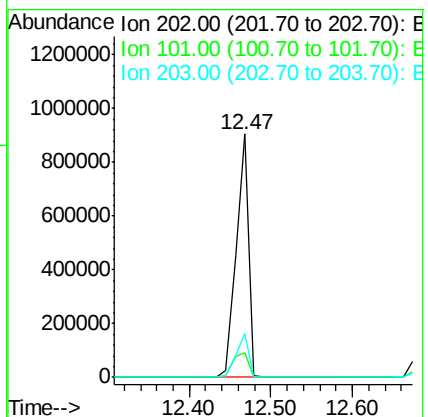
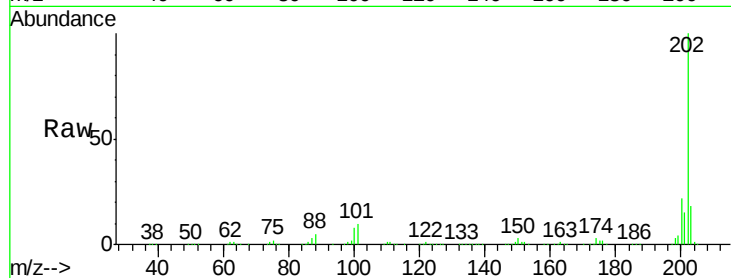




#74
 Fluoranthene
 Concen: 45.78 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

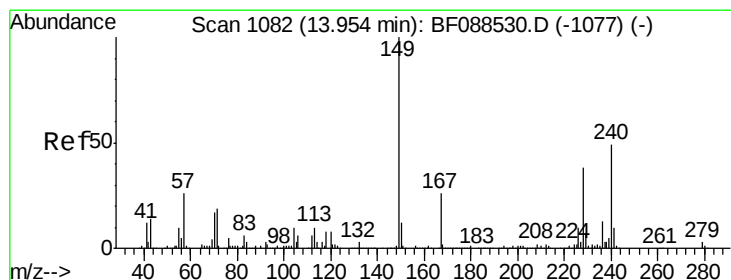
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	960325		
101	10.1	0.0	33.1	
203	17.9	0.0	38.1	



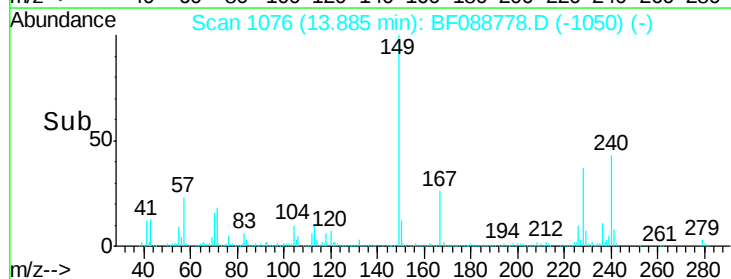
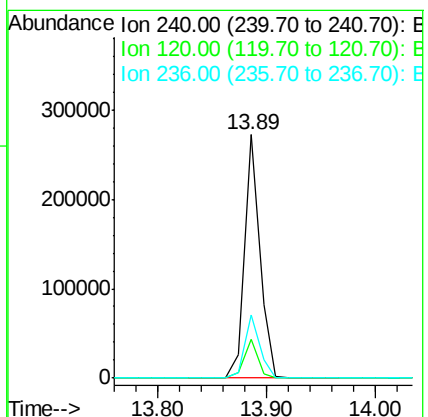
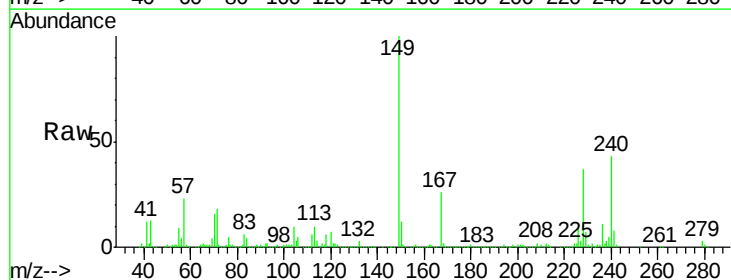
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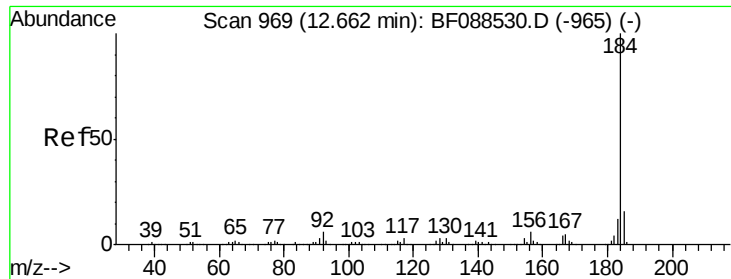
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	265500		
120	15.9	6.8	10.2#	
236	25.8	20.2	30.2	





#76

Benzidine

Concen: 41.25 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

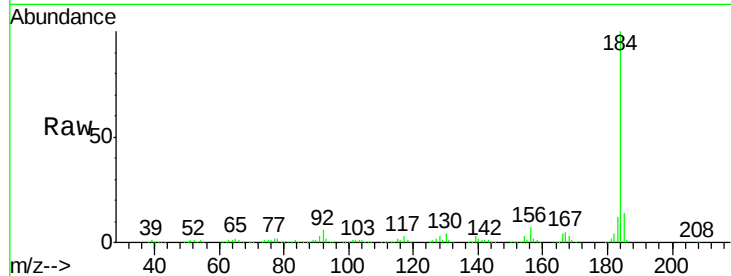
Tgt Ion:184 Resp: 553593

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

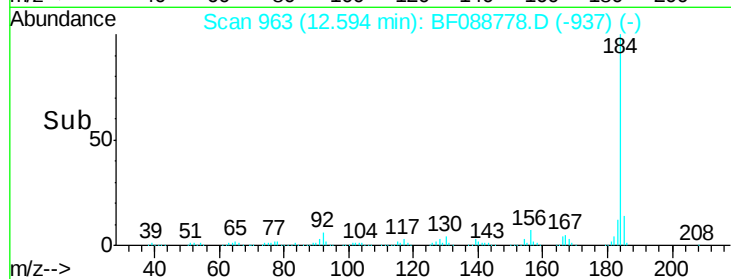
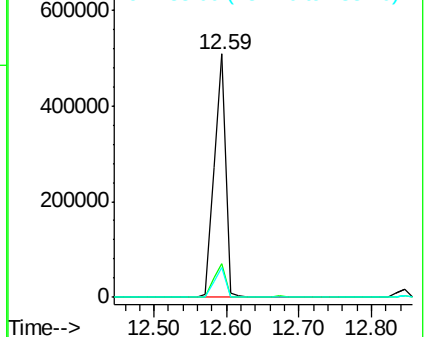
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

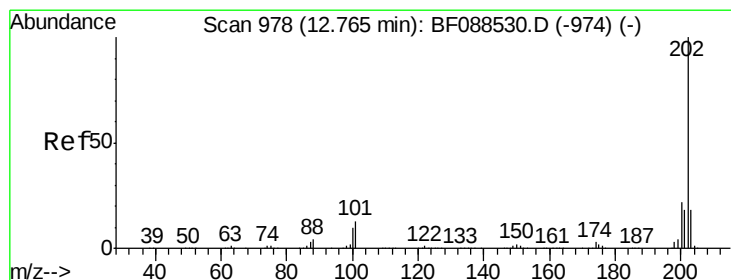
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 42.51 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

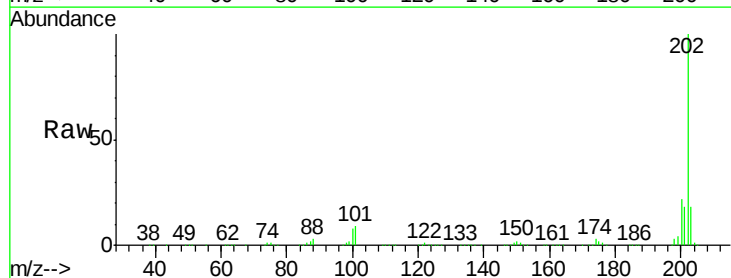
Tgt Ion:202 Resp: 956978

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

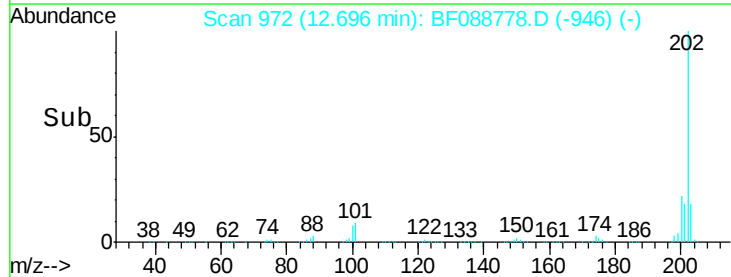
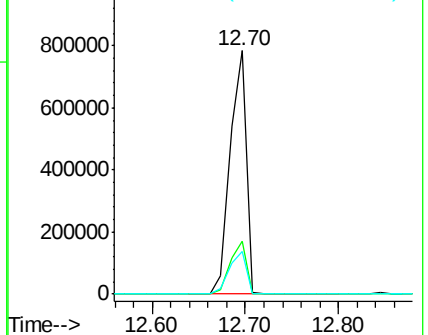
203 17.6 14.5 21.7

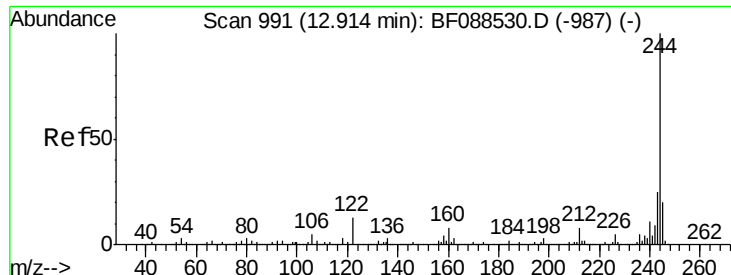


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

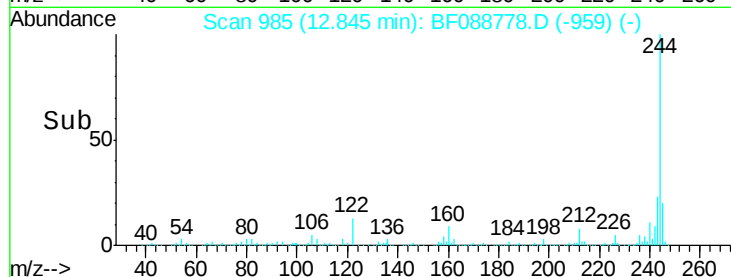
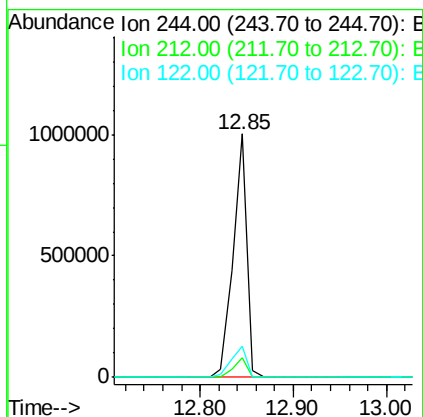
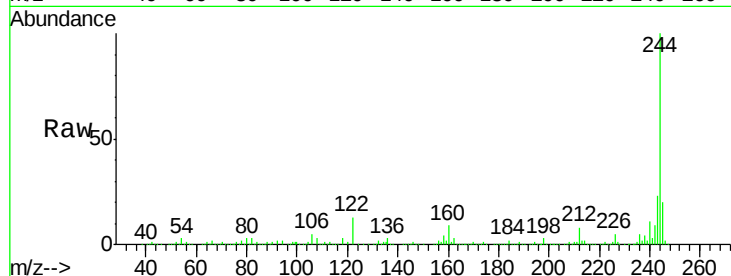




#78
 Terphenyl-d14
 Concen: 86.68 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

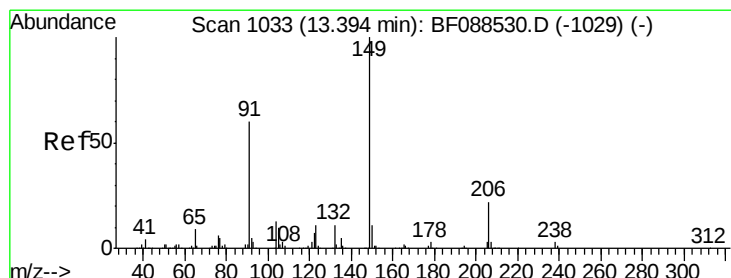
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:244 Resp: 1033180
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.6 11.2 16.8



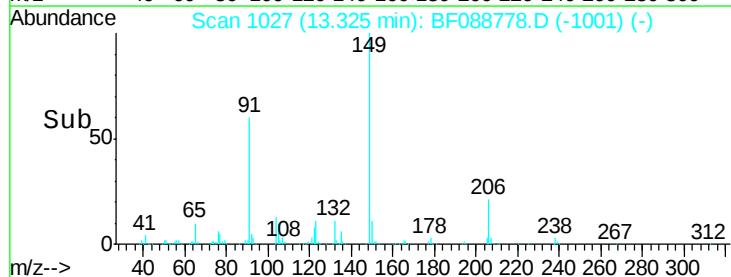
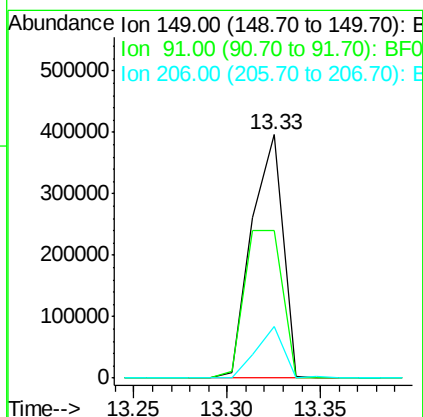
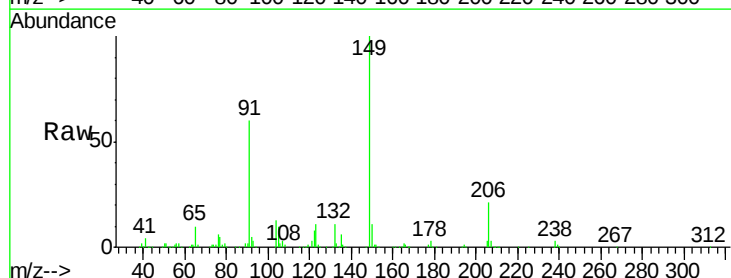
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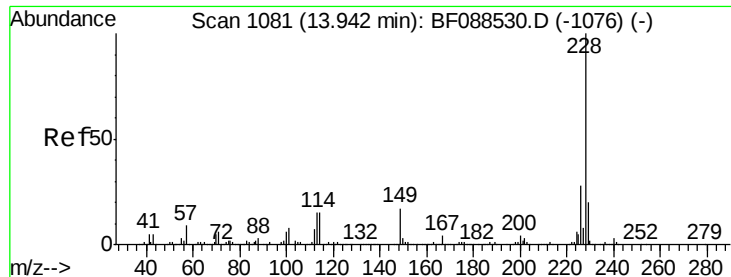
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#79
 Butylbenzylphthalate
 Concen: 45.72 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:149 Resp: 459105
 Ion Ratio Lower Upper
 149 100
 91 60.5 48.0 72.0
 206 21.4 16.0 24.0





#80

Benzo(a)anthracene

Concen: 44.02 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

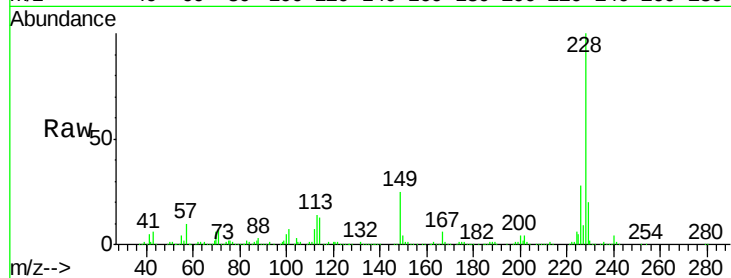
Tgt Ion:228 Resp: 752598

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

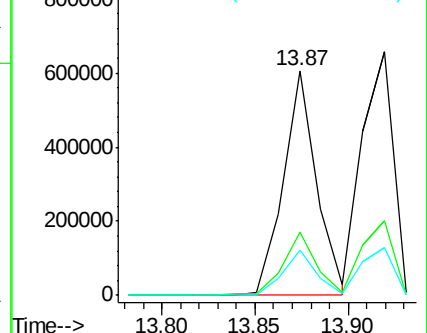
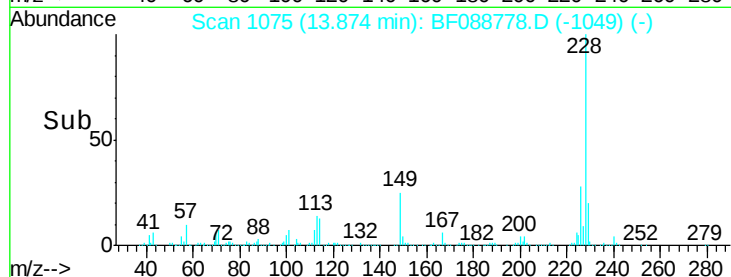
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

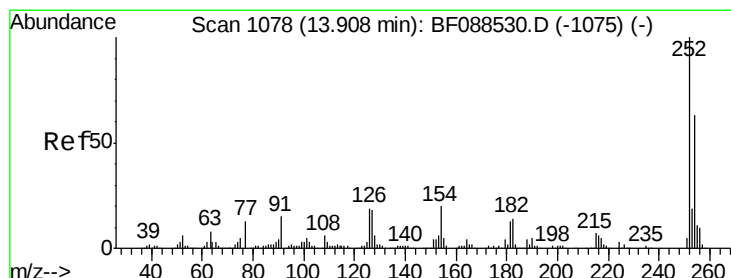
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#81

3,3'-Dichlorobenzidine

Concen: 25.36 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

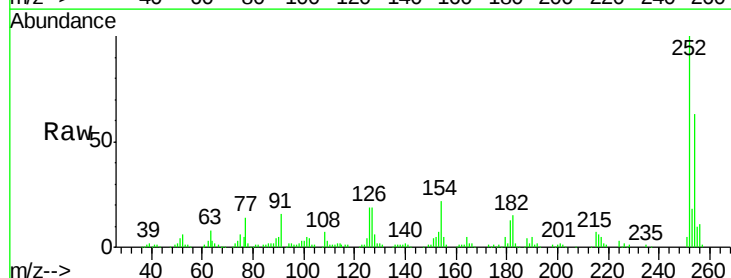
Tgt Ion:252 Resp: 163036

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

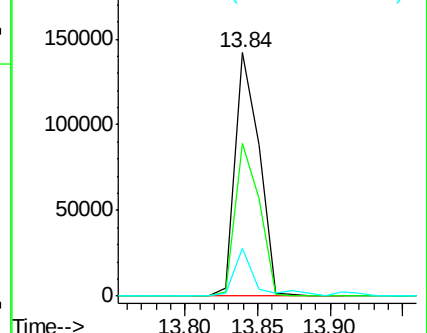
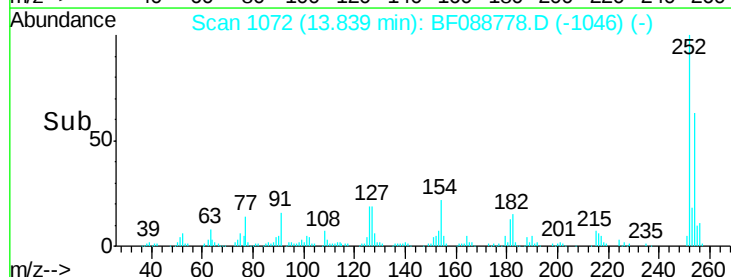
126 19.4 6.2 9.2#

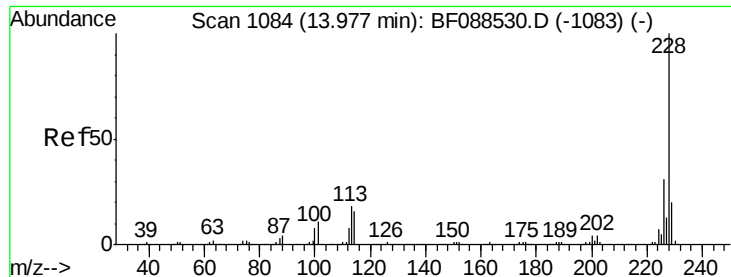


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

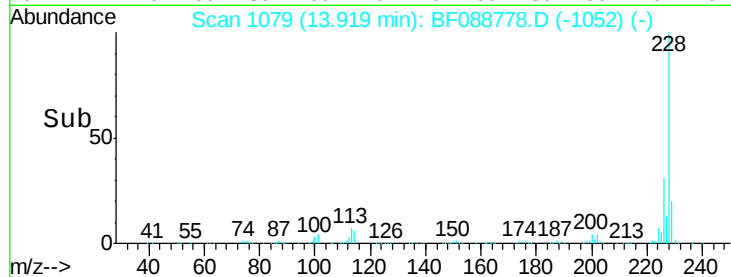
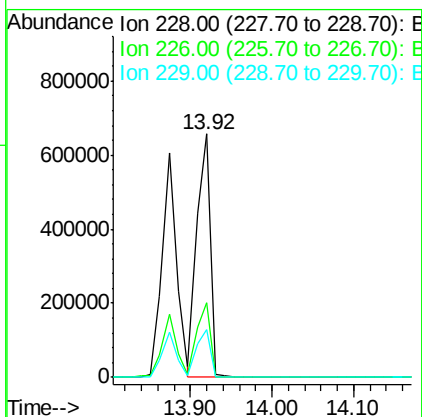
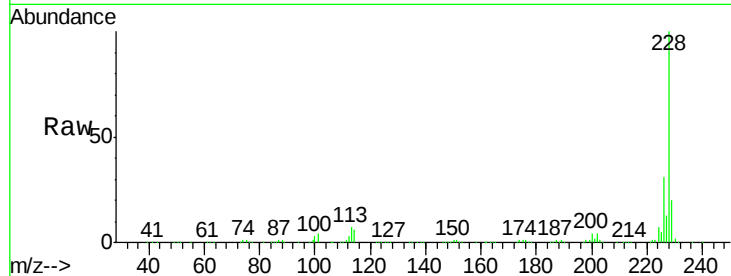




#82
 Chrysene
 Concen: 45.51 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

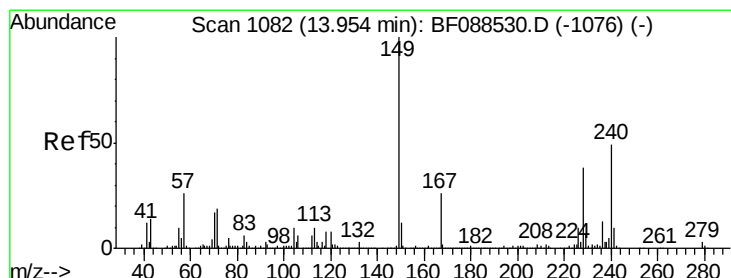
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion: 228 Resp: 769719
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 19.6 16.3 24.5



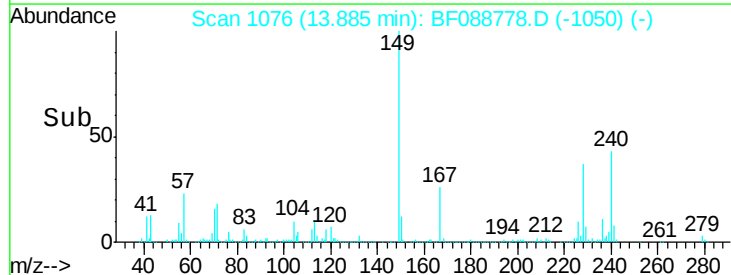
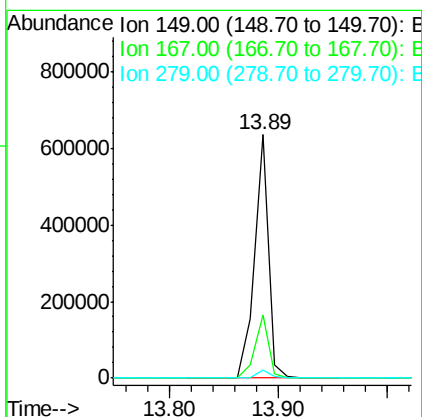
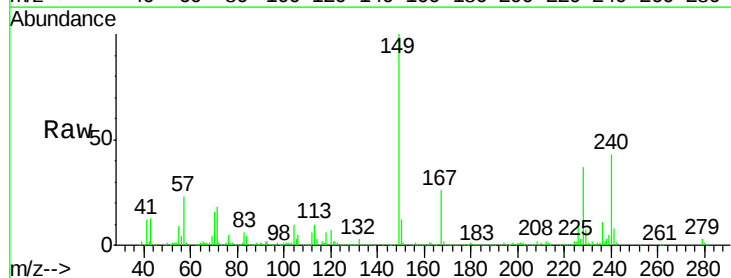
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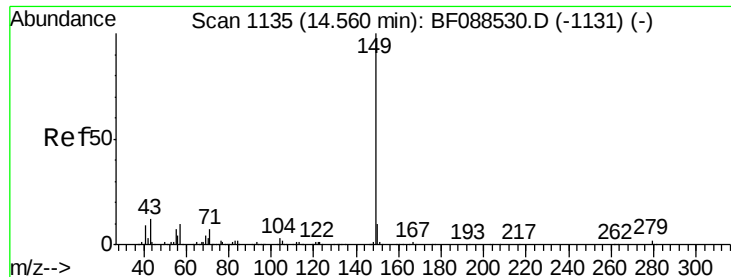
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.86 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion: 149 Resp: 571593
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.5 30.7
 279 3.1 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 49.61 ng

RT: 14.49 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

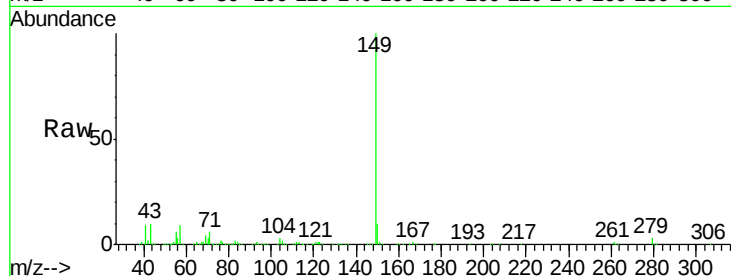
Instrument :

BNA_F

ClientSampleId :

PB91873BS

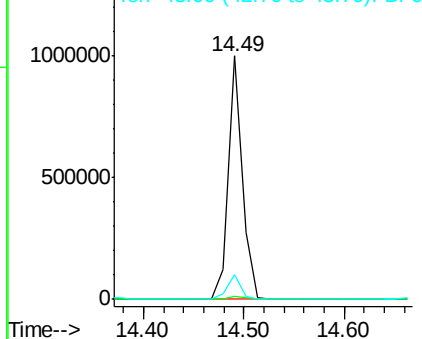
Tgt Ion:	149	Resp:	966241
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.4	0.0	0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

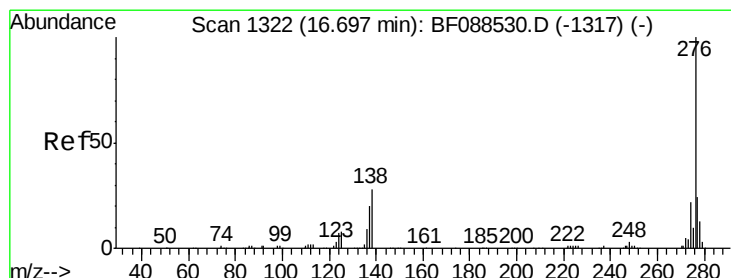
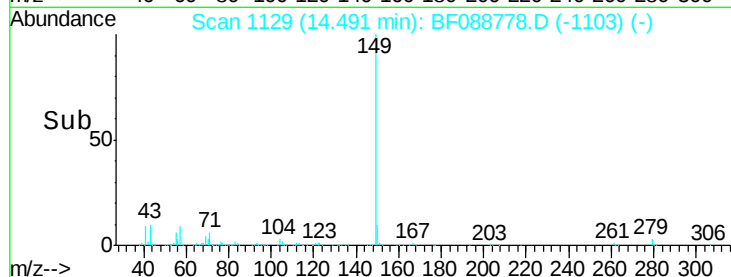
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



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#85

Indeno(1,2,3-cd)pyrene

Concen: 48.73 ng

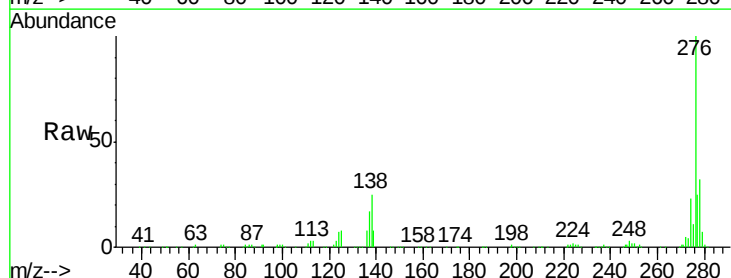
RT: 16.58 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

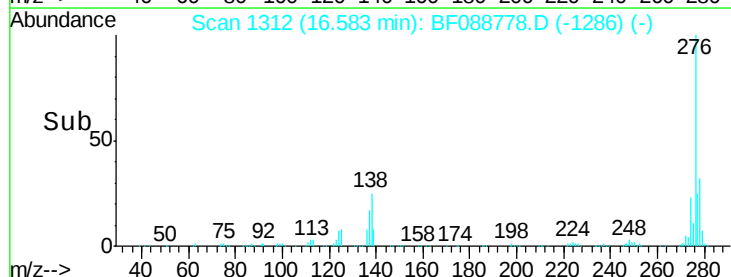
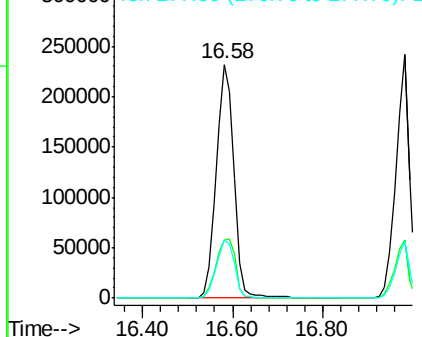
Tgt Ion:	276	Resp:	634167
Ion Ratio	Lower	Upper	
276	100		
138	28.1	0.0	0.0#
277	25.5	0.0	0.0#

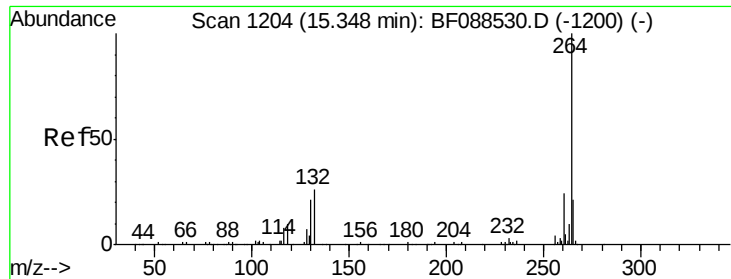


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

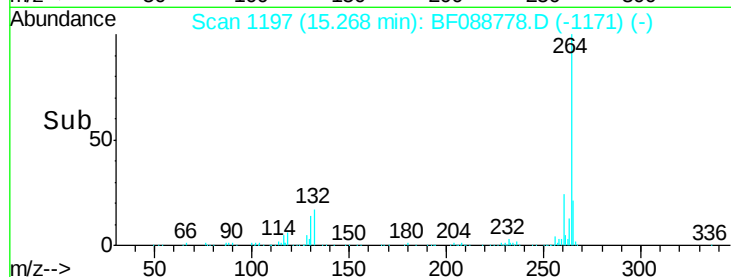
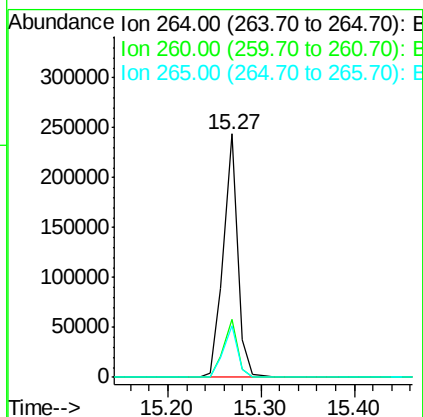
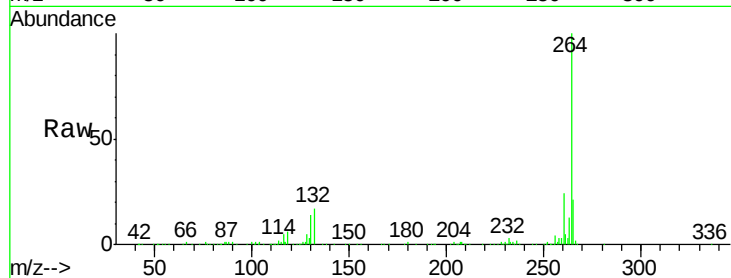




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

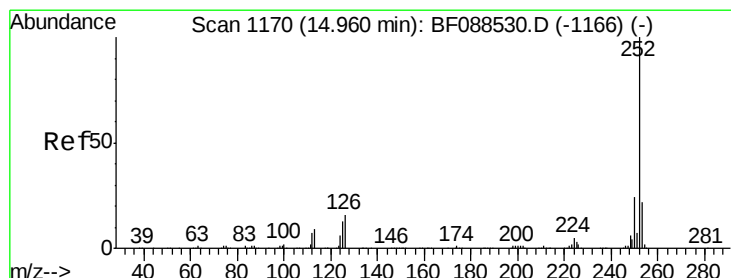
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	16.9	25.3



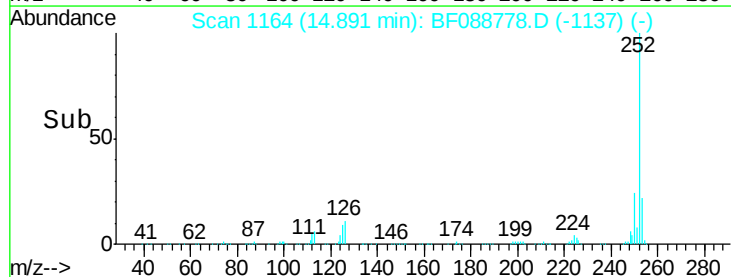
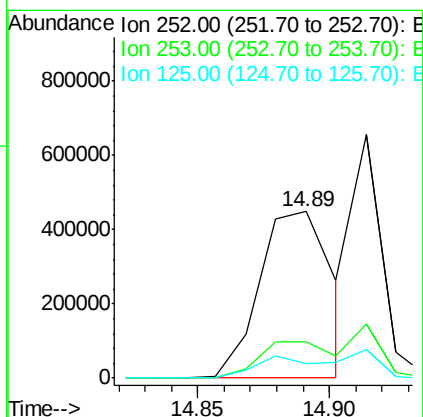
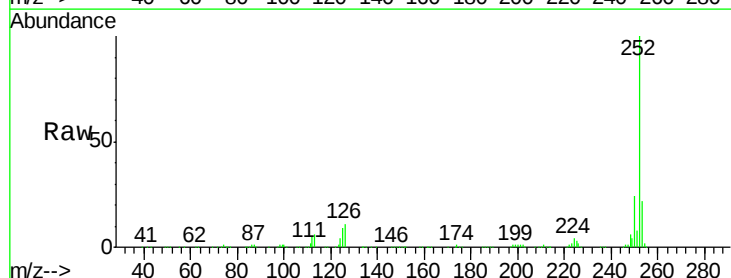
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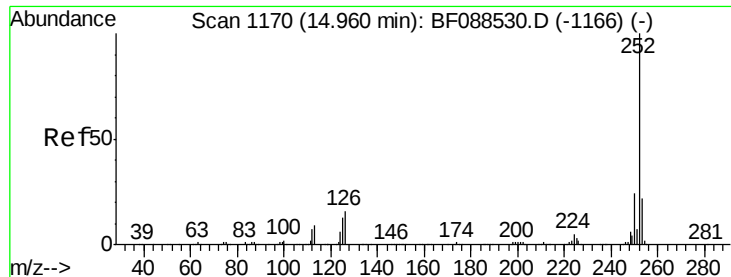
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#87
Benzo(b)fluoranthene
Concen: 52.78 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.6	7.1	10.7

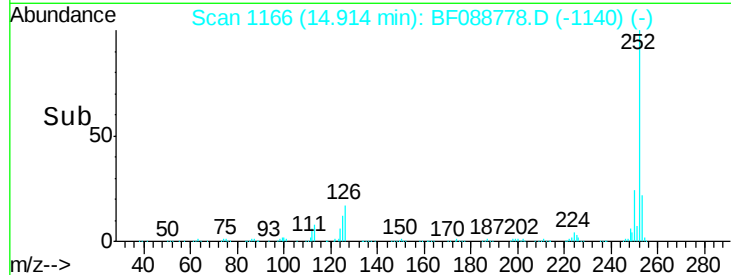
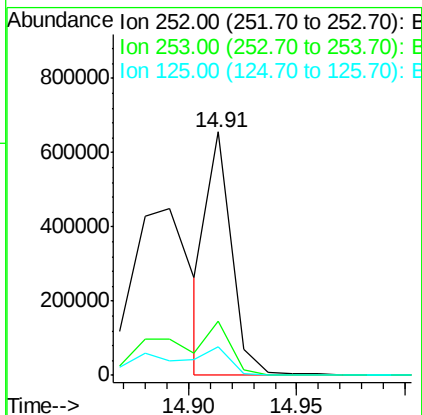
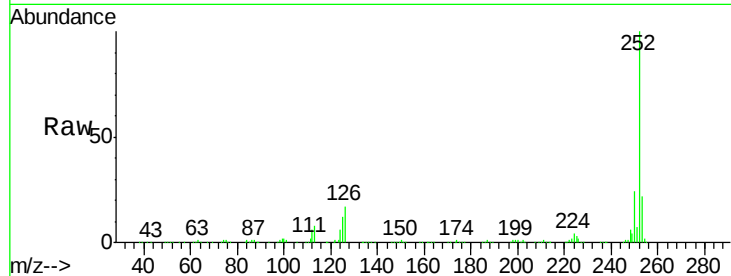




#88
Benzo(k)fluoranthene
Concen: 35.72 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

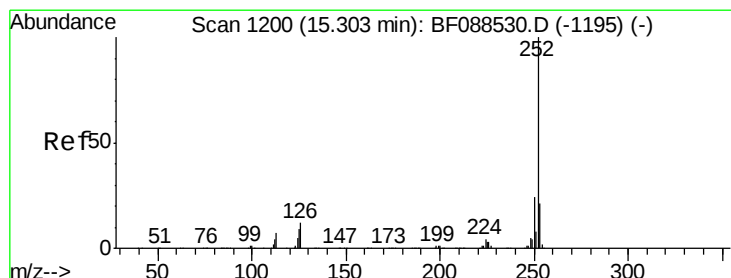
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.9	11.2	16.8



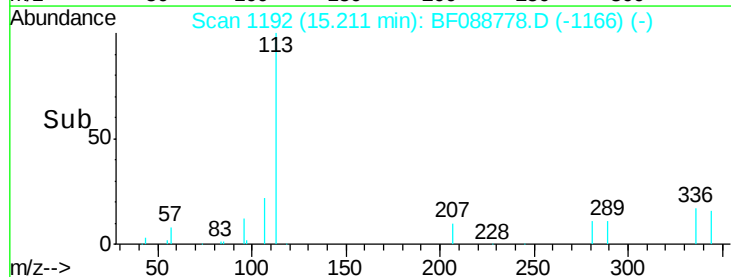
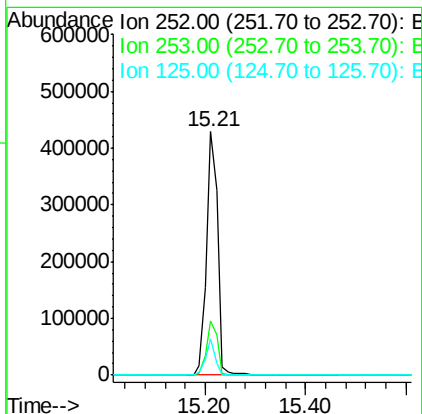
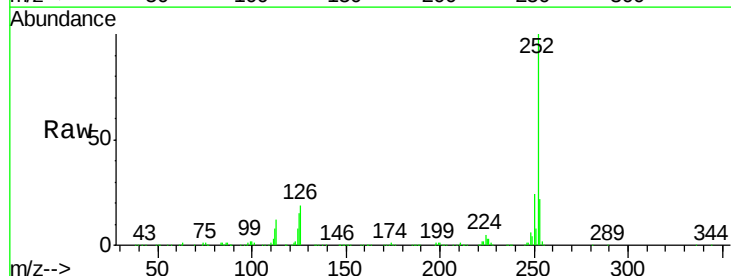
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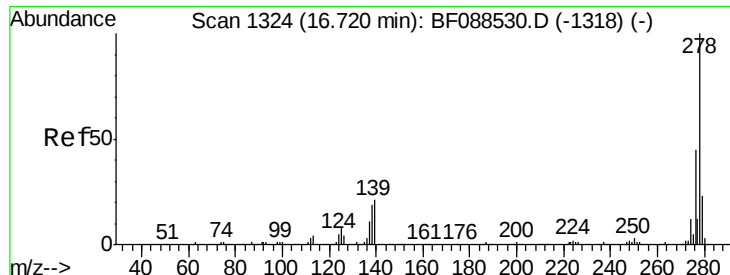
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#89
Benzo(a)pyrene
Concen: 47.53 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.9	12.5	18.7

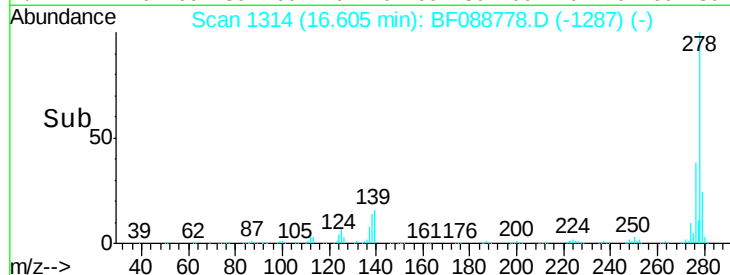
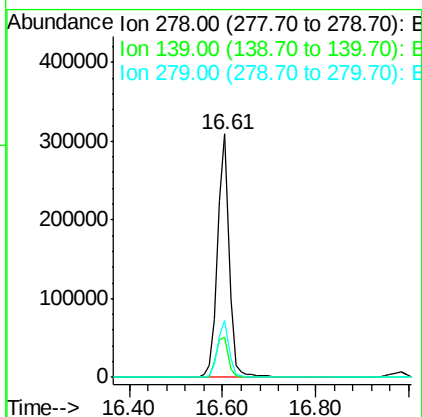
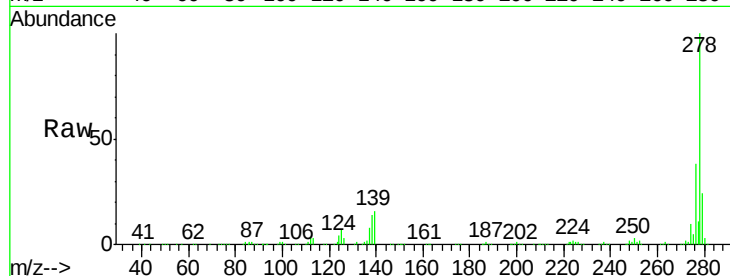




#90
Dibenzo(a,h)anthracene
Concen: 45.57 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

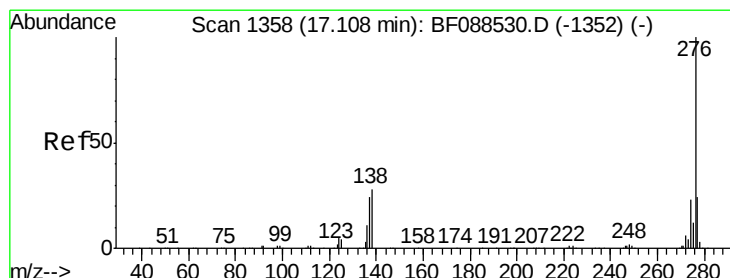
Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.7	23.5
279	23.5	19.4	29.2



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#91
Benzo(g,h,i)perylene
Concen: 42.37 ng
RT: 16.98 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.6	21.4	32.2

