

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088708.D
 Acq On : 5 Jul 2016 17:43
 Operator : UM/SJ
 Sample : PB91867BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Manual Integrations
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 7/6/2016 7:19:12 PM

Quant Time: Jul 06 01:54:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104348	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	418731	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	207952	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402043	20.00	ng	0.00
75) Chrysene-d12	13.92	240	256721	20.00	ng	0.00
86) Perylene-d12	15.30	264	210715	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	713332	102.45	ng	0.01
7) Phenol-d6	6.42	99	957062	106.38	ng	0.01
23) Nitrobenzene-d5	7.35	82	705798	88.33	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	282777	146.44	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1174628	89.22	ng	0.00
78) Terphenyl-d14	12.87	244	973975	84.50	ng	0.00

Target Compounds						Qvalue
3) Pyridine	3.08	79	298817	29.83	ng	91
4) n-Nitrosodimethylamine	3.04	42	123421	32.25	ng	88
6) Aniline	6.43	93	311015	23.72	ng	# 1
8) 2-Chlorophenol	6.56	128	279961	37.41	ng	95
9) Benzaldehyde	6.32	77	246665	40.48	ng	86
10) Phenol	6.43	94	413141	40.24	ng	# 71
11) bis(2-Chloroethyl)ether	6.51	93	263125	34.36	ng	94
12) 1,3-Dichlorobenzene	6.72	146	311497	37.83	ng	97
13) 1,4-Dichlorobenzene	6.80	146	305070	37.32	ng	97
14) 1,2-Dichlorobenzene	6.95	146	293581m	38.38	ng	
15) Benzyl Alcohol	6.92	79	288783	43.61	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	345444	31.15	ng	90
17) 2-Methylphenol	7.04	107	246183	40.33	ng	96
18) Hexachloroethane	7.29	117	119906	37.93	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	208724	34.54	ng	92
20) 3+4-Methylphenols	7.20	107	327824	44.74	ng	89
22) Acetophenone	7.19	105	401086	39.47	ng	# 87
24) Nitrobenzene	7.36	77	312203	38.75	ng	# 83
25) Isophorone	7.60	82	620856	41.95	ng	95
26) 2-Nitrophenol	7.68	139	164240	49.72	ng	94
27) 2,4-Dimethylphenol	7.72	122	298818	43.43	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	362781	37.66	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	240873	43.31	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	259123	42.46	ng	97
31) Naphthalene	8.08	128	821429	39.79	ng	100
33) 4-Chloroaniline	8.14	127	171858	18.71	ng	# 92
34) Hexachlorobutadiene	8.20	225	133435	40.84	ng	99
35) Caprolactam	8.51	113	85933m	45.50	ng	
36) 4-Chloro-3-methylphenol	8.62	107	296225	45.05	ng	90
37) 2-Methylnaphthalene	8.78	142	592864	44.60	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	225835	32.65	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	281339	82.87	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	177006	38.81	ng	97
43) 2,4,5-Trichlorophenol	9.10	196	192028	48.94	ng	98

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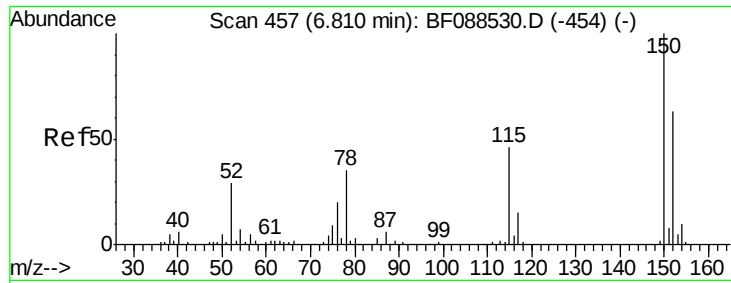
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.23	154	675312	39.22	nq	98
46) 2-Chloronaphthalene	9.26	162	521977	38.61	nq	96
47) 2-Nitroaniline	9.36	65	209095	43.58	nq	85
48) Acenaphthylene	9.68	152	903077	41.98	nq	99
49) Dimethylphthalate	9.54	163	619337	41.80	nq	99
50) 2,6-Dinitrotoluene	9.60	165	133894	40.78	nq	# 49
51) Acenaphthene	9.85	154	546698	41.46	nq	98
52) 3-Nitroaniline	9.76	138	97954	23.47	nq	82
53) 2,4-Dinitrophenol	9.87	184	36690	25.31	nq	# 77
54) Dibenzofuran	10.02	168	788754	45.71	nq	96
55) 4-Nitrophenol	9.94	139	283220	89.29	nq	# 83
56) 2,4-Dinitrotoluene	10.00	165	189658	44.18	nq	# 44
57) Fluorene	10.36	166	570656	42.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	142193	46.84	nq	# 47
59) Diethylphthalate	10.24	149	627516	42.21	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	261197	42.27	nq	97
61) 4-Nitroaniline	10.38	138	150089	37.37	nq	84
62) Azobenzene	10.51	77	786421	46.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	56729	26.38	nq	# 70
65) n-Nitrosodiphenylamine	10.48	169	543358	39.93	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	175030	43.20	nq	94
67) Hexachlorobenzene	10.90	284	164666	36.72	nq	96
68) Atrazine	11.01	200	176688	41.67	nq	93
69) Pentachlorophenol	11.10	266	139416	52.53	nq	98
70) Phenanthrene	11.31	178	816089	37.13	nq	99
71) Anthracene	11.37	178	942223	43.12	nq	98
72) Carbazole	11.52	167	795696	38.69	nq	99
73) Di-n-butylphthalate	11.86	149	1070532	44.75	nq	99
74) Fluoranthene	12.49	202	841381	37.76	nq	97
76) Benzidine	12.62	184	564960	43.54	nq	99
77) Pyrene	12.72	202	813058	37.35	nq	99
79) Butylbenzylphthalate	13.35	149	435947	44.90	nq	# 85
80) Benzo(a)anthracene	13.90	228	697001	42.16	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	107033	17.22	nq	99
82) Chrysene	13.94	228	696412	42.58	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	493551	44.52	nq	99
84) Di-n-octyl phthalate	14.51	149	782154	41.53	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	556418	44.22	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	589246m	44.58	nq	
88) Benzo(k)fluoranthene	14.94	252	456040m	39.63	nq	
89) Benzo(a)pyrene	15.25	252	480809	42.96	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	451096	48.27	nq	99
91) Benzo(g,h,i)perylene	17.04	276	480875	49.72	nq	95

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



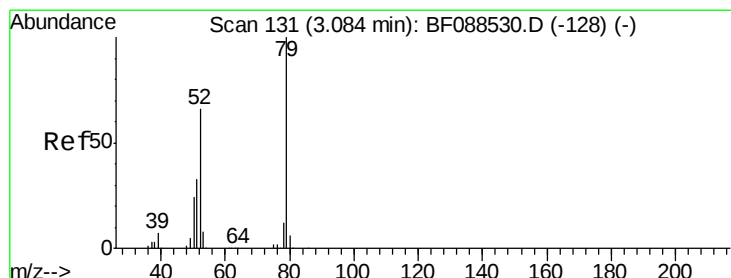
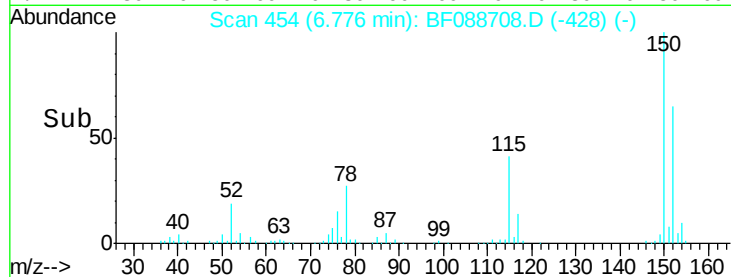
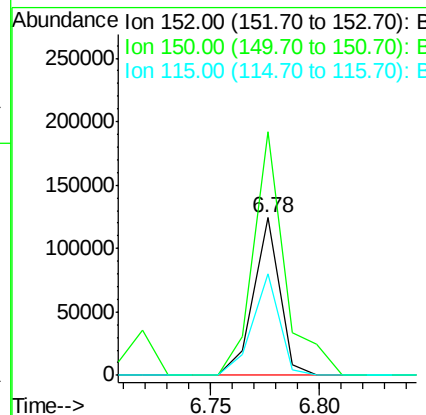
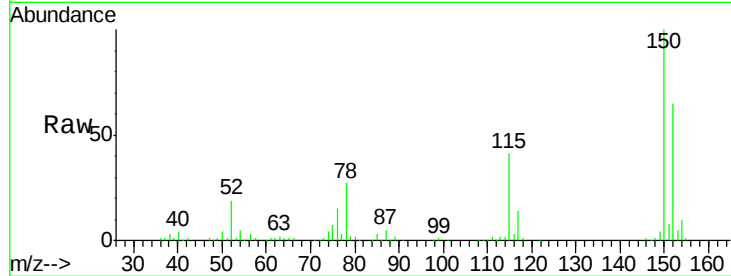
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	64.1	39.6	59.4

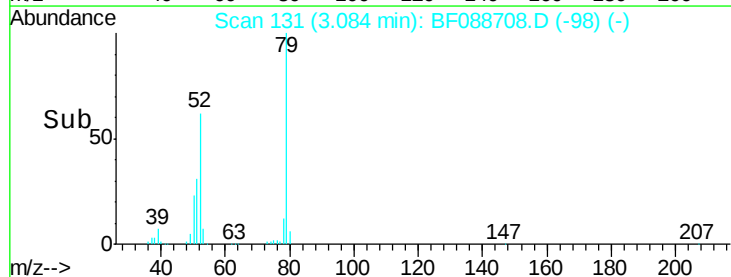
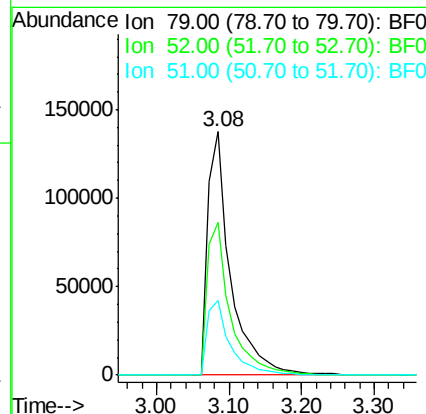
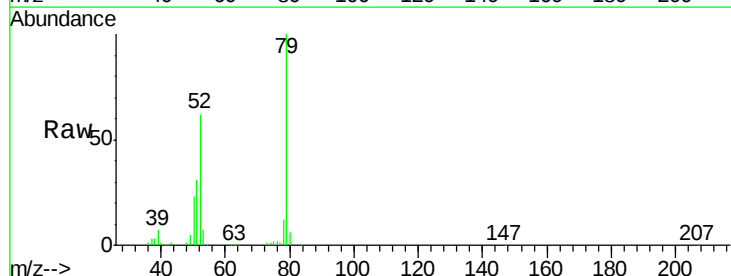
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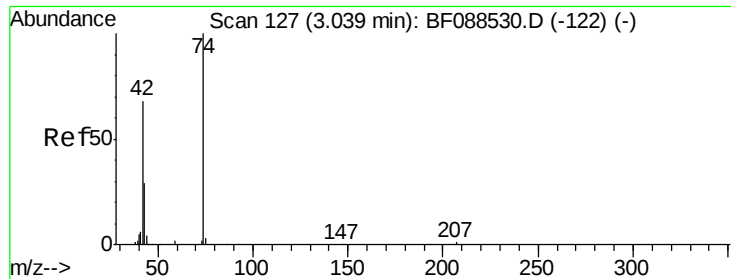
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#3
 Pyridine
 Concen: 29.83 ng
 RT: 3.08 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.5	56.3	84.5
51	30.7	27.4	41.2





#4

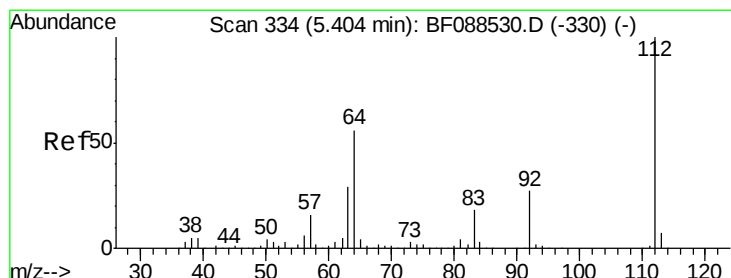
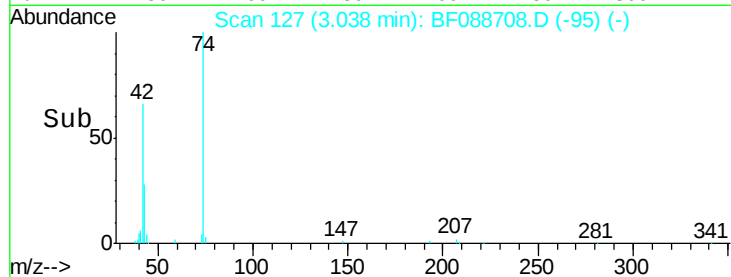
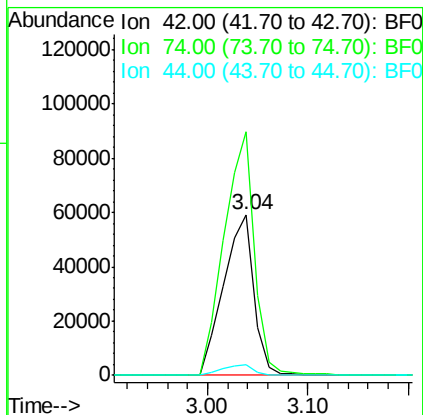
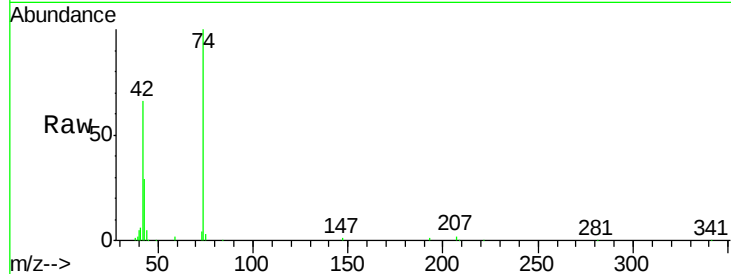
n-Nitrosodimethylamine
 Concen: 32.25 ng
 RT: 3.04 min Scan# 127
 Delta R.T. 0.07 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	151.2	108.6	163.0
44	7.0	5.5	8.3

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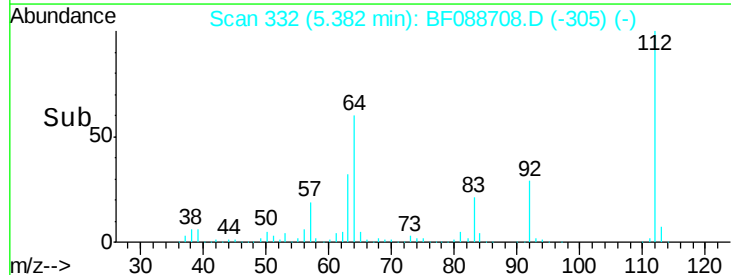
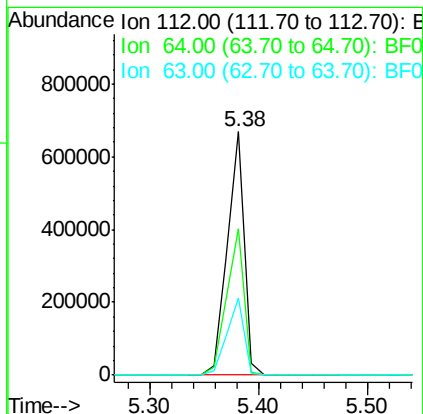
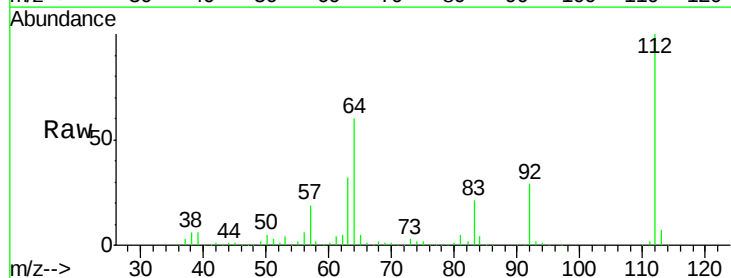
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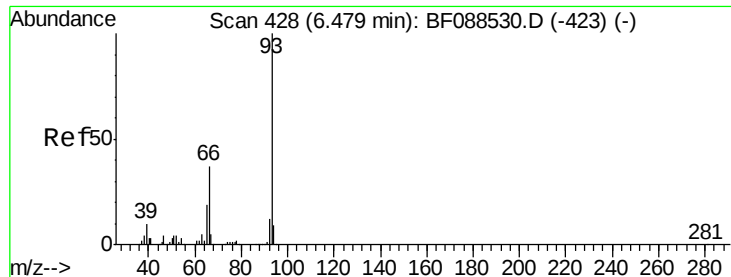


#5

2-Fluorophenol
 Concen: 102.45 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	42.2	63.2
63	31.8	21.8	32.8





#6

Aniline

Concen: 23.72 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

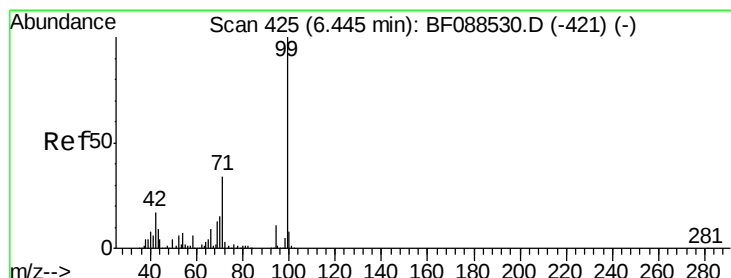
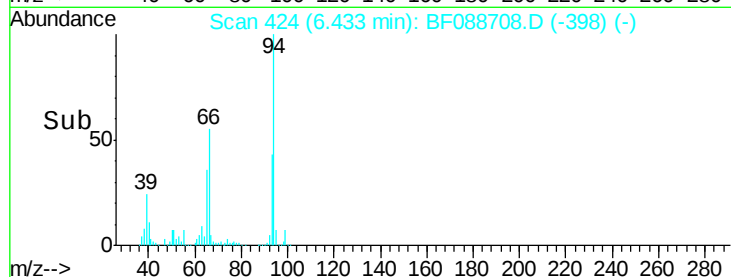
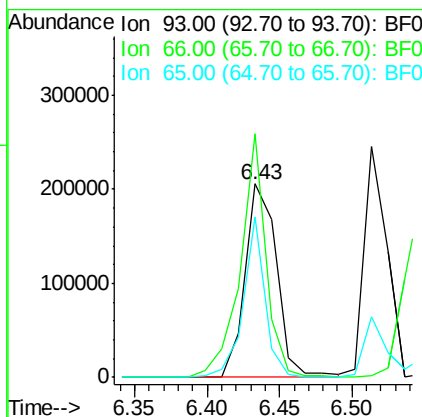
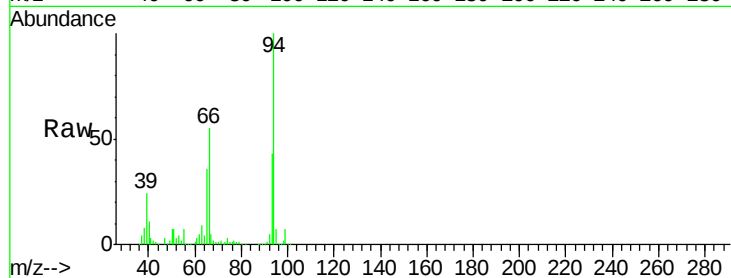
ClientSampleId :

PB91867BS

Tot Ion:	93	Resp:	311015
Ion Ratio	Lower	Upper	
93	100		
66	125.9	29.8	44.8#
65	83.0	14.9	22.3#

Manual Integrations
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#7

Phenol-d6

Concen: 106.38 ng

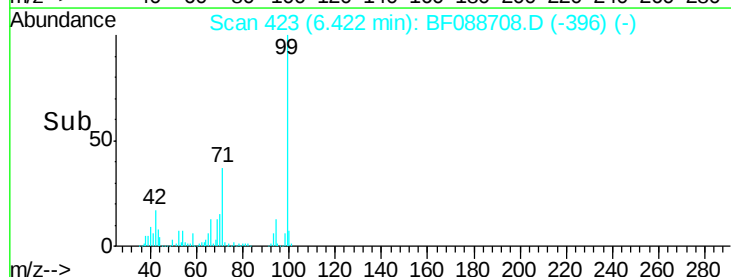
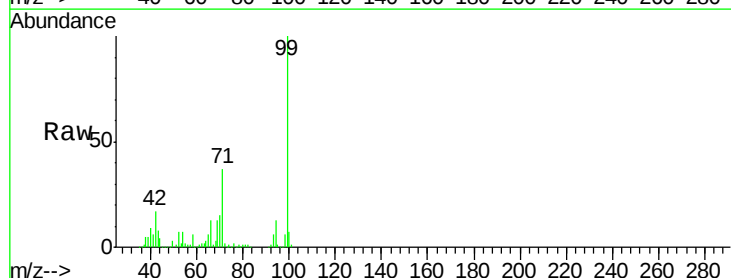
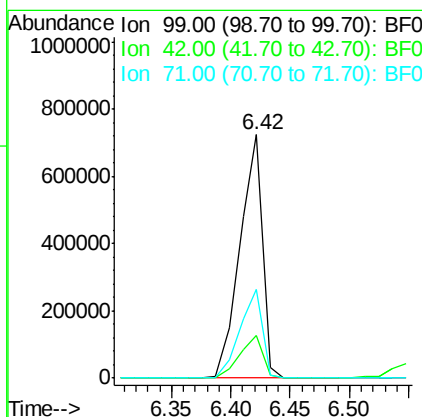
RT: 6.42 min Scan# 423

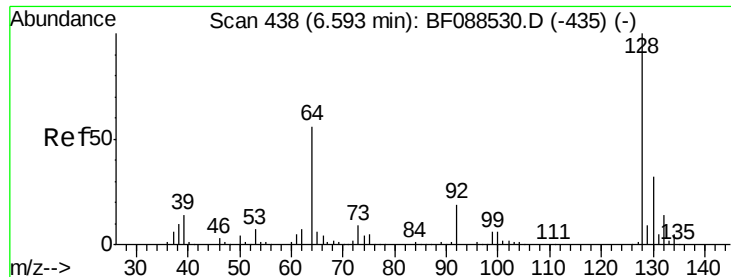
Delta R.T. 0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	99	Resp:	957062
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.2	18.2
71	36.6	23.4	35.0#





#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

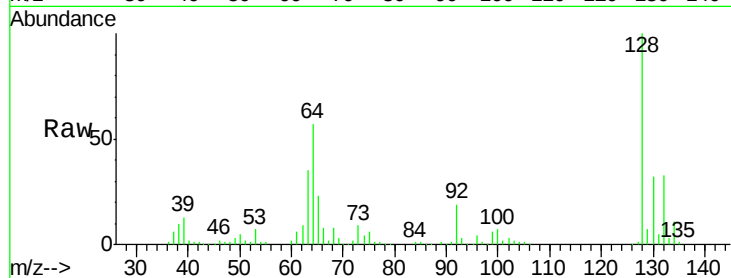
ClientSampleId :

PB91867BS

Tot Ion:	128	Resp:	279961
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	56.8	30.8	70.8

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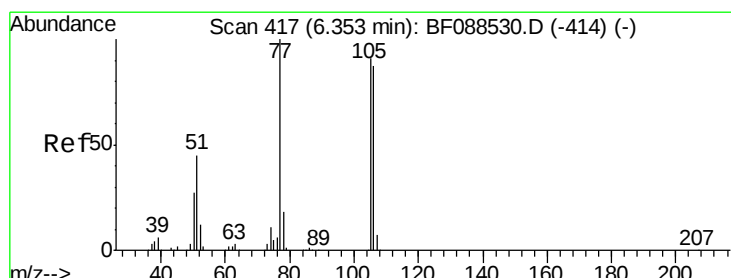
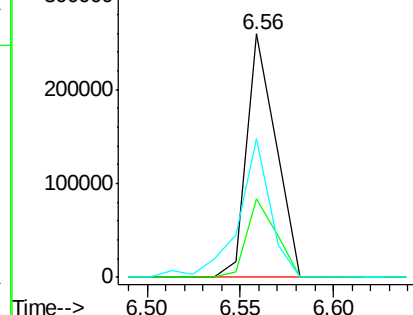
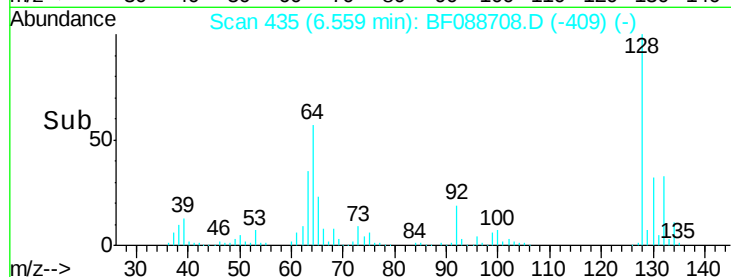
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Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 40.48 ng

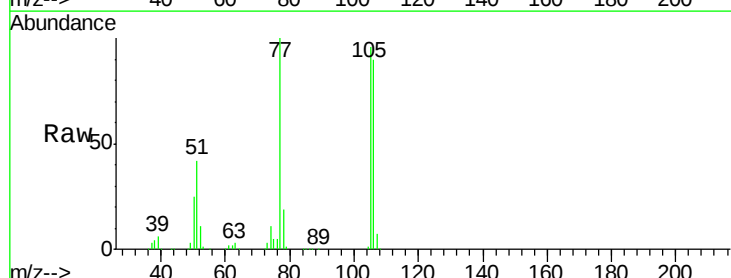
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

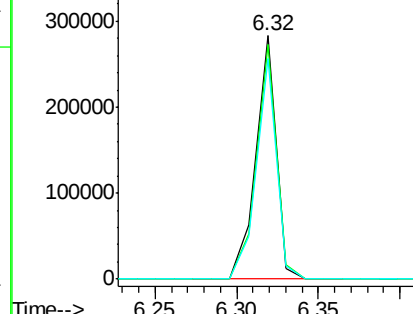
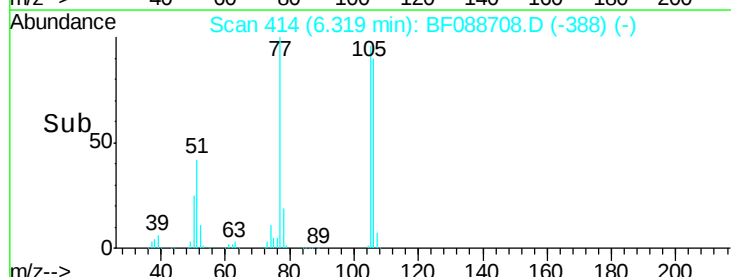
Tgt Ion:	77	Resp:	246665
Ion Ratio	Lower	Upper	
77	100		
105	96.3	90.6	130.6
106	90.5	85.3	125.3

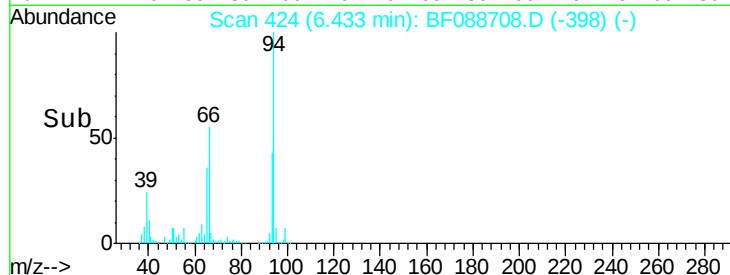
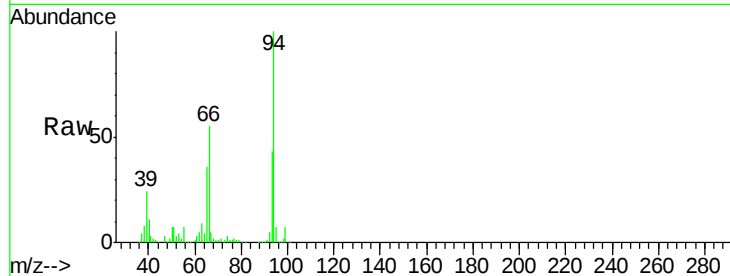
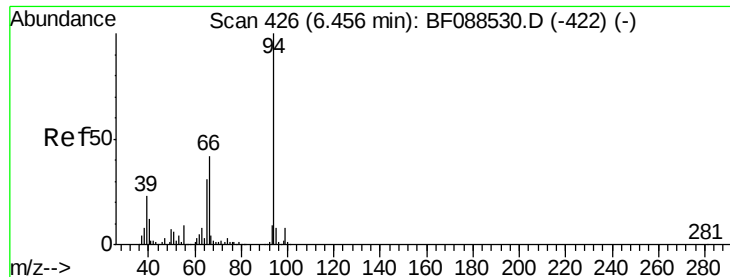


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 40.24 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tot Ion:	94	Resp:	413141
Ion	Ratio	Lower	Upper
94	100		
65	36.0	5.9	45.9
66	54.6	14.0	54.0#

Instrument :

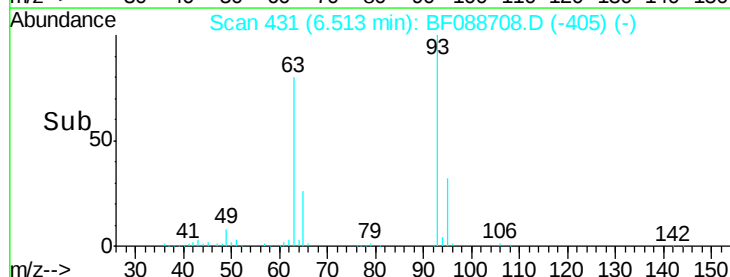
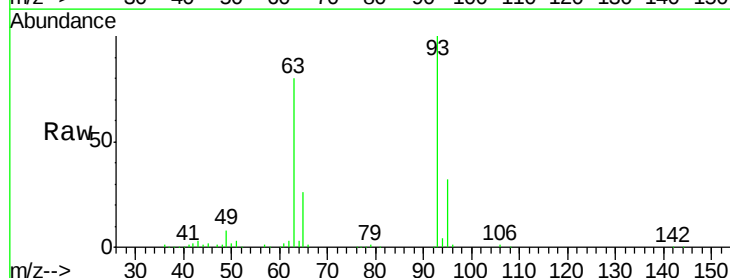
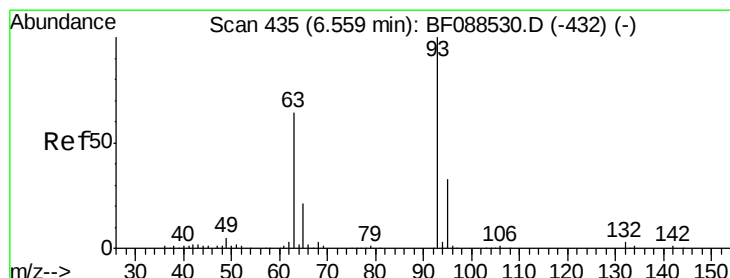
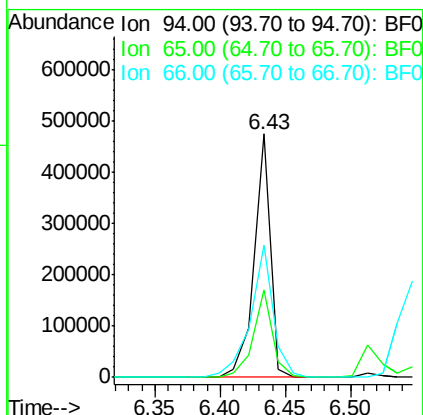
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ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 34.36 ng

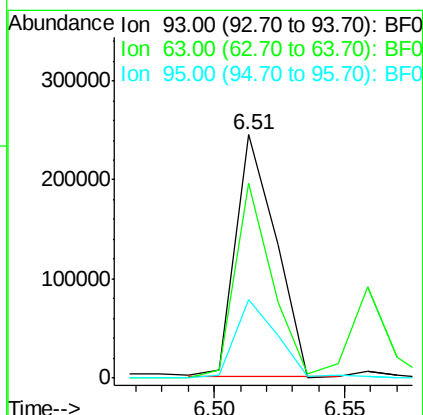
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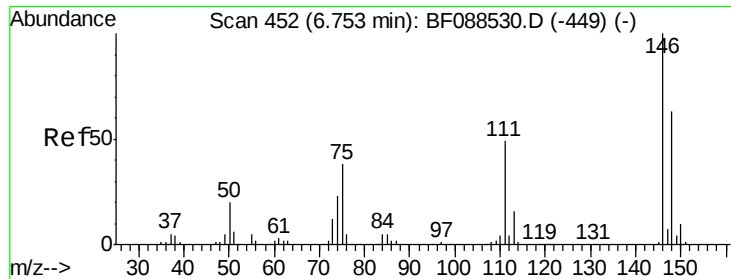
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	93	Resp:	263125
Ion	Ratio	Lower	Upper
93	100		
63	79.9	67.6	107.6
95	32.1	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 37.83 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

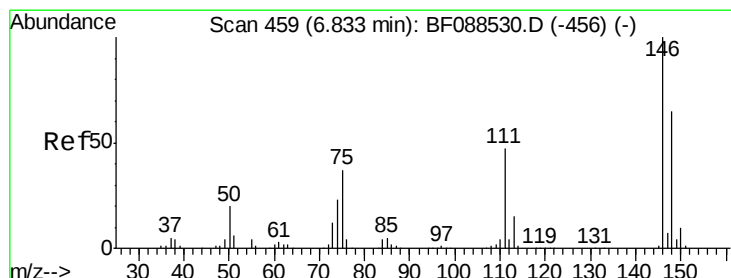
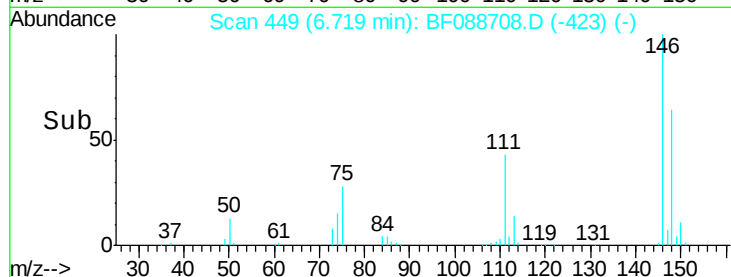
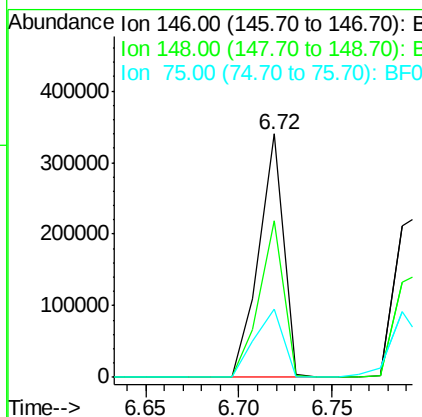
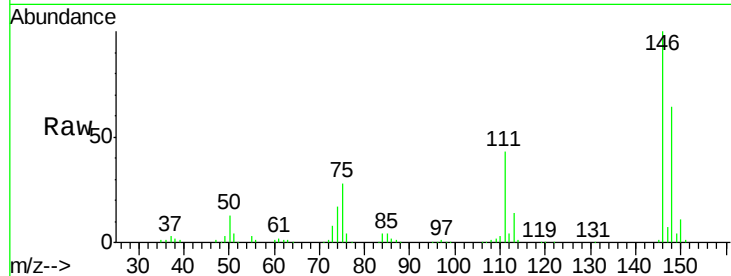
ClientSampleId :

PB91867BS

Tot Ion:	146	Resp:	311497
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.9	76.3
75	28.2	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 37.32 ng

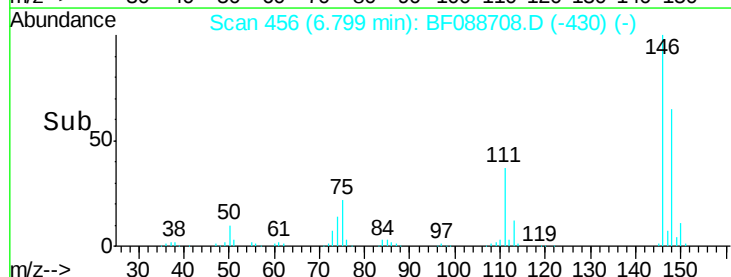
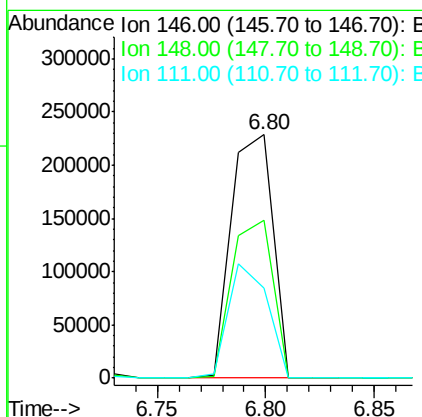
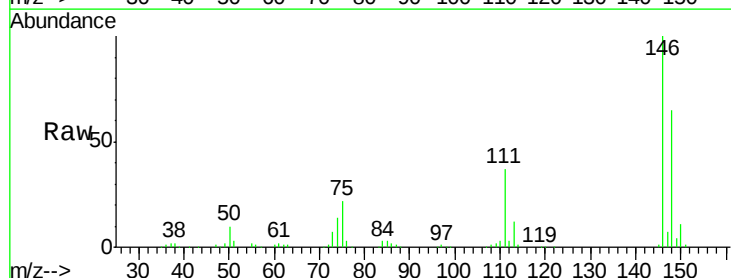
RT: 6.80 min Scan# 456

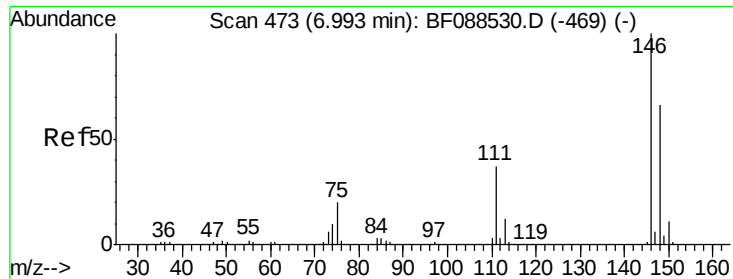
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	146	Resp:	305070
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.0	78.0
111	37.2	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 38.38 ng/mL

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

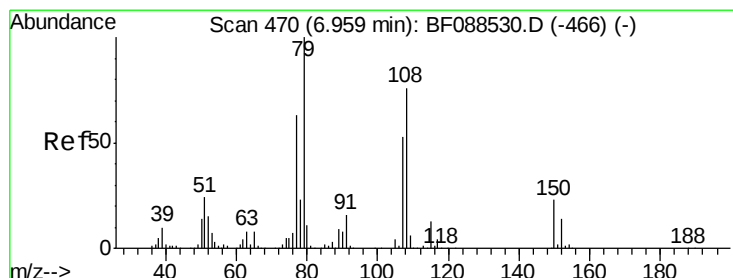
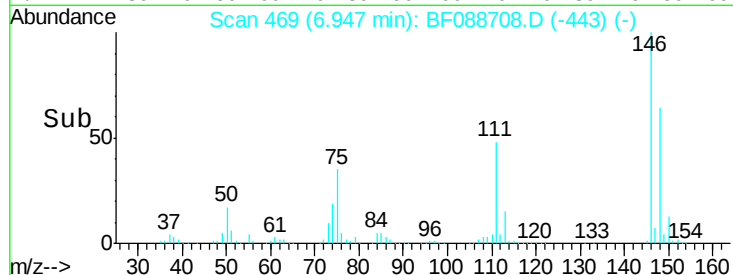
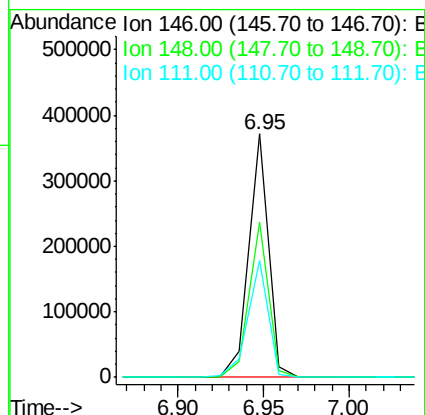
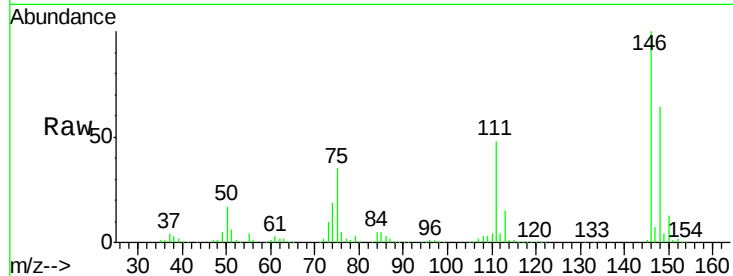
ClientSampleID :

PB91867BS

Tot Ion:	146	Resp:	293581
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	48.1	28.7	43.1

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#15

Benzyl Alcohol

Concen: 43.61 ng/mL

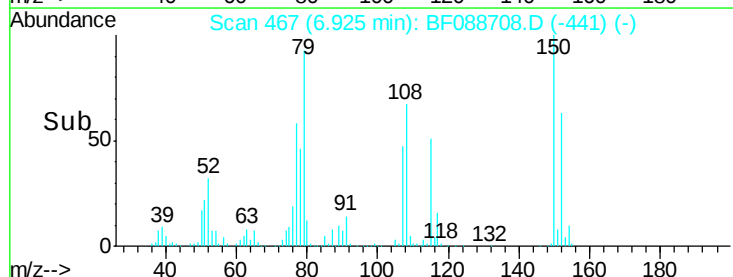
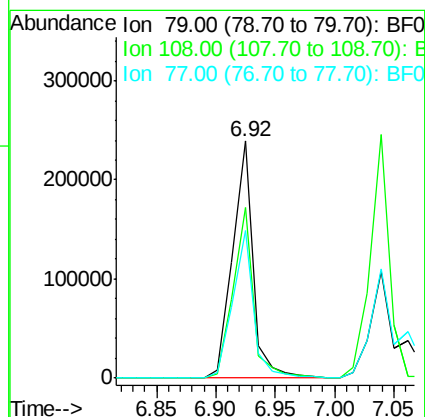
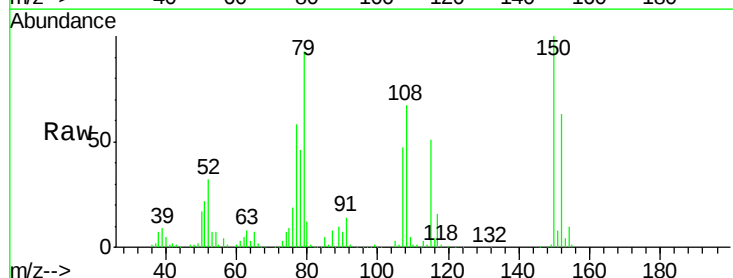
RT: 6.92 min Scan# 467

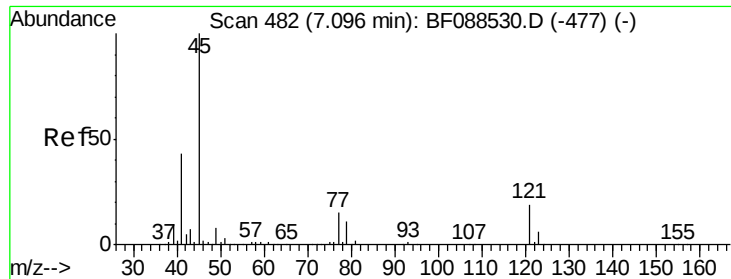
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	79	Resp:	288783
Ion Ratio	Lower	Upper	
79	100		
108	72.2	65.0	97.6
77	62.1	50.3	75.5





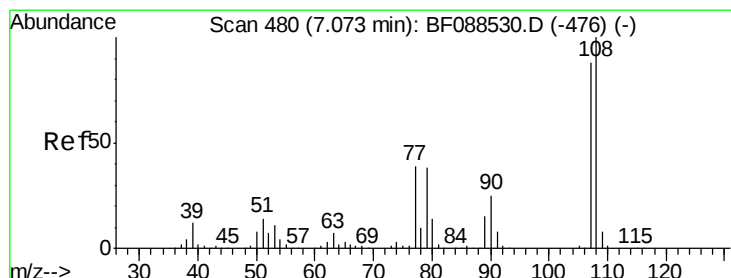
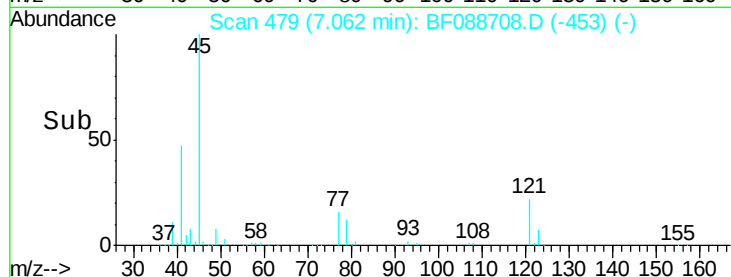
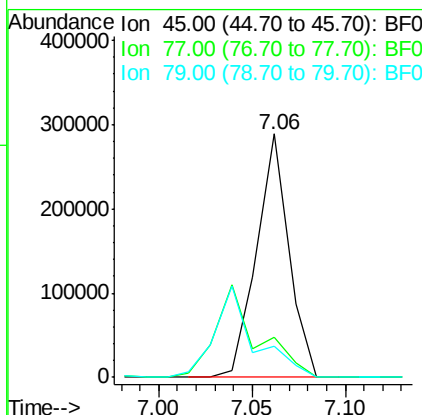
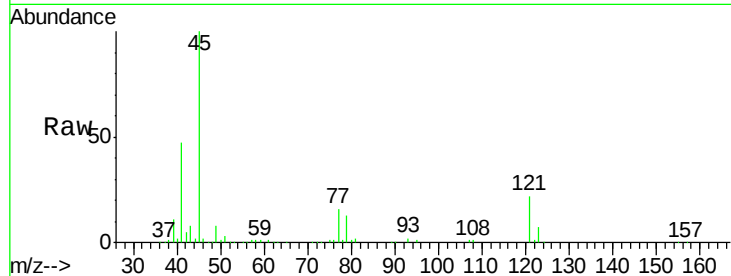
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.15 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.5
79	12.9	0.0	29.5

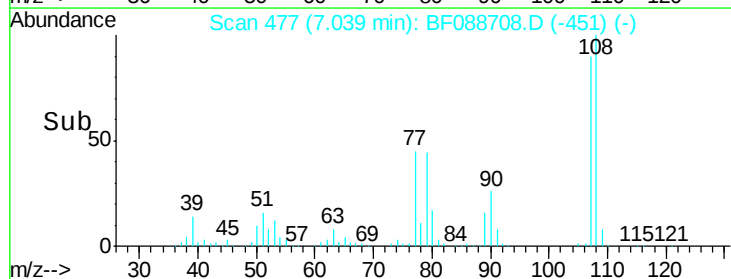
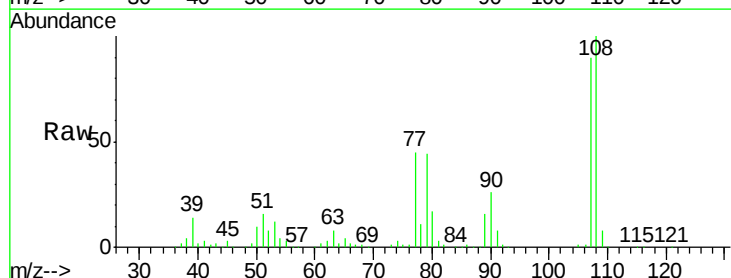
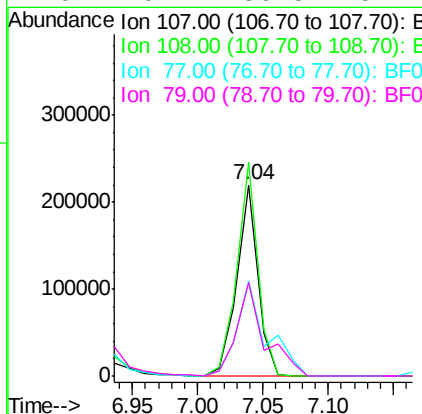
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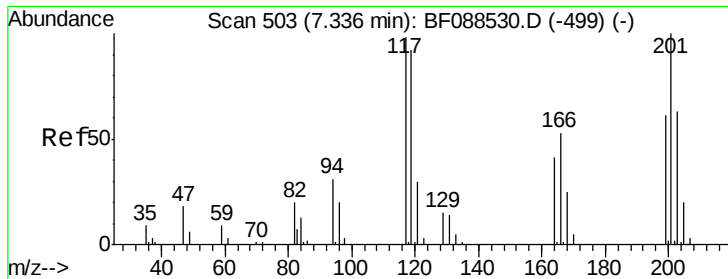
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#17
2-Methylphenol
Concen: 40.33 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.9	136.3
77	49.8	36.6	55.0
79	49.1	36.5	54.7





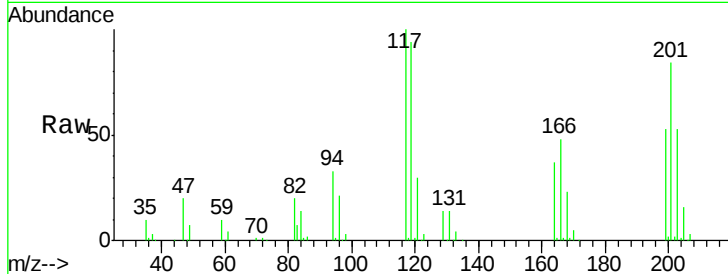
#18
Hexachloroethane
Concen: 37.93 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	119906		
119	93.5		77.4	116.2
201	83.7		80.4	120.6

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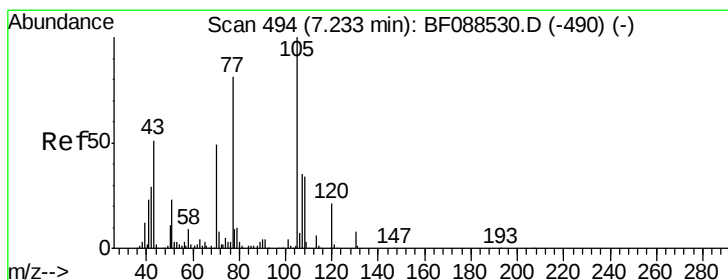
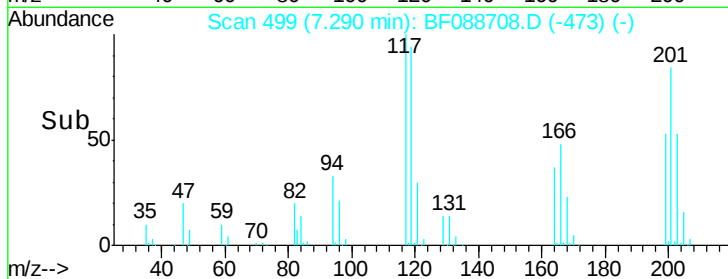
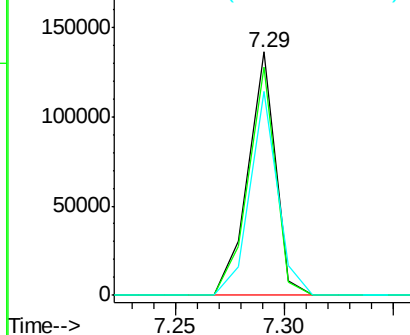


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 34.54 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	208724		
42	53.7		49.6	74.4
101	9.2		7.1	10.7
130	18.6		15.4	23.2

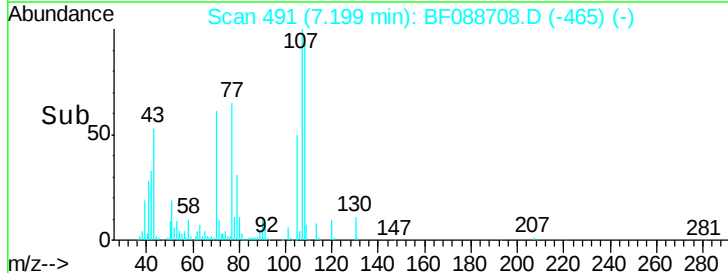
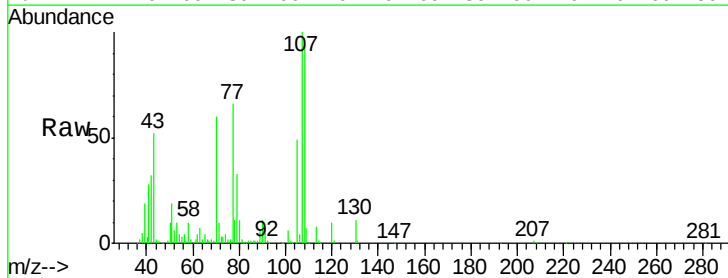
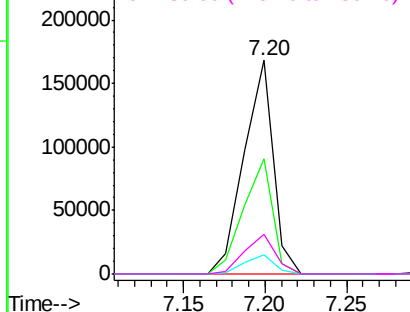
Abundance

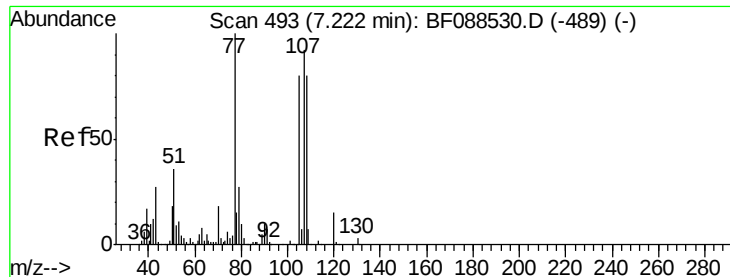
Ion 70.00 (69.70 to 70.70): BF0

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: 44.74 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

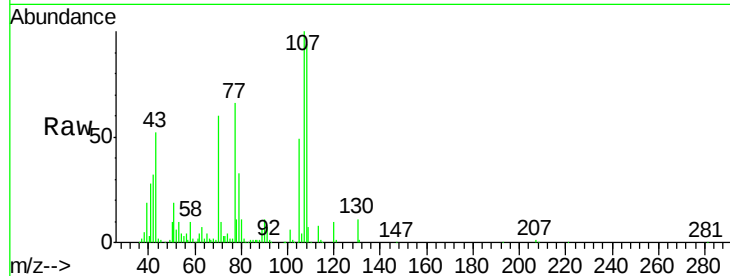
ClientSampleId :

PB91867BS

Tot Ion:107	Resp:	327824
Ion Ratio	Lower	Upper
107	100	
108	93.6	67.8 107.8
77	65.8	59.3 99.3
79	33.0	7.0 47.0

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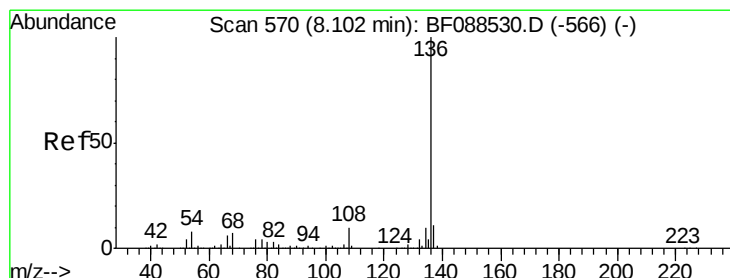
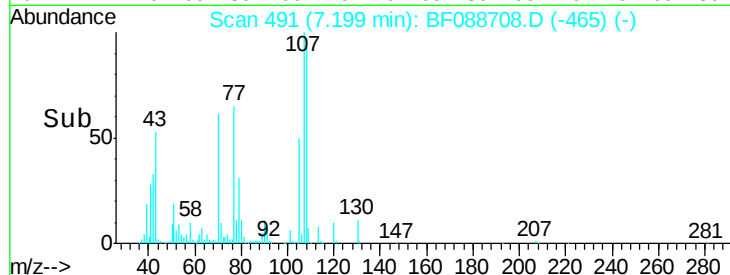
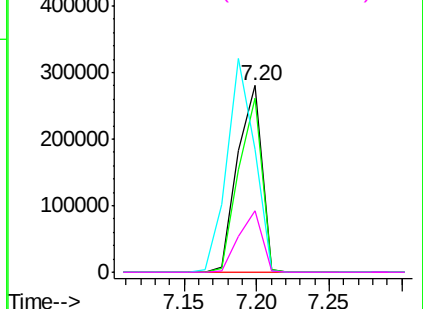


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

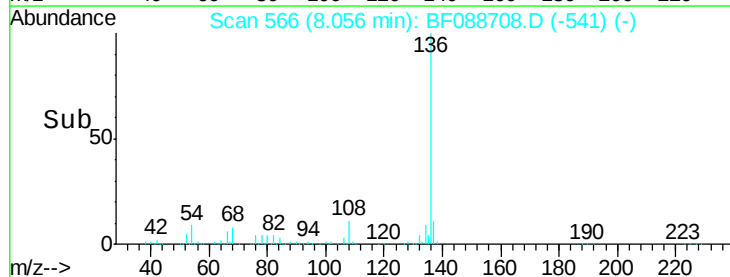
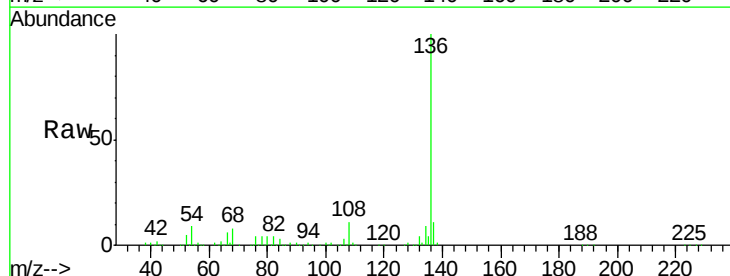
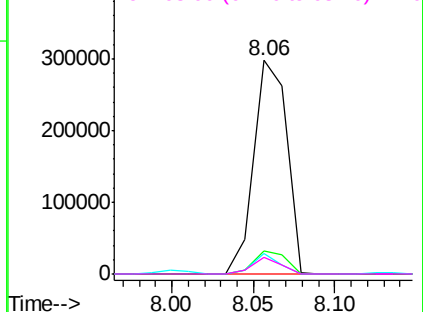
Tgt Ion:136	Resp:	418731
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.3	6.6 10.0
68	7.8	5.1 7.7#

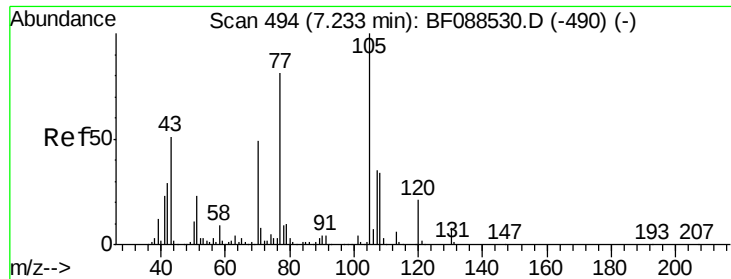
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





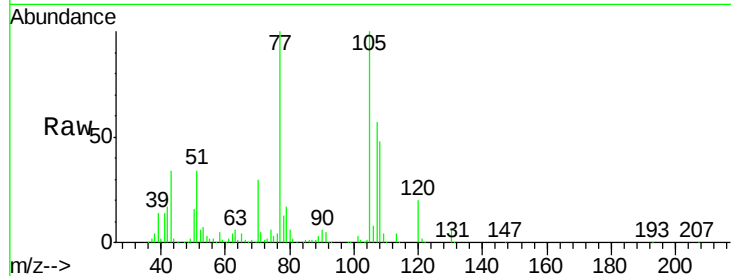
#22
Acetophenone
Concen: 39.47 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampled :
PB91867BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.3	7.9#
51	33.6	18.2	27.4#
120	19.8	18.0	27.0

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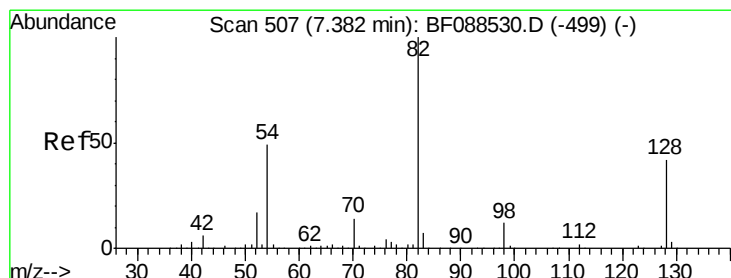
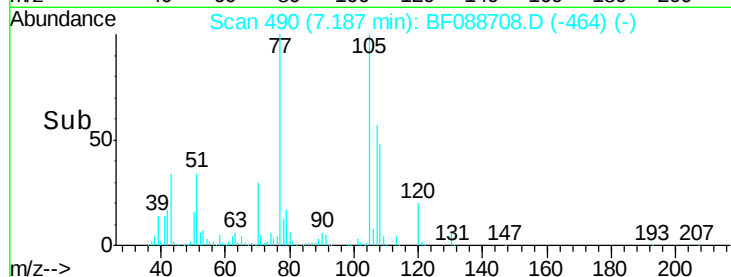
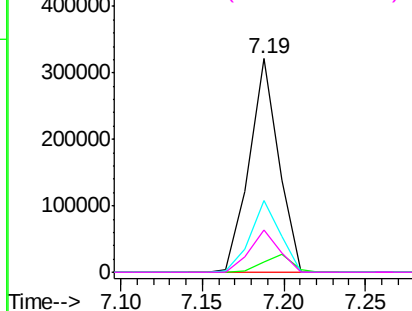


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

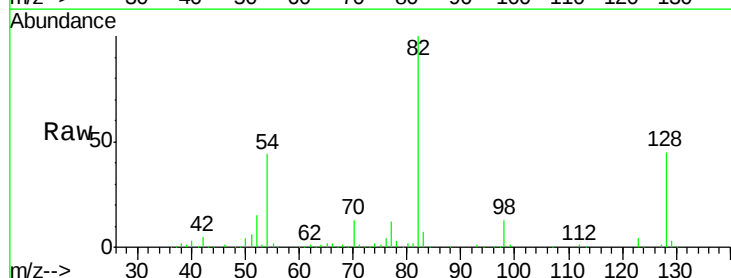
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 88.33 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

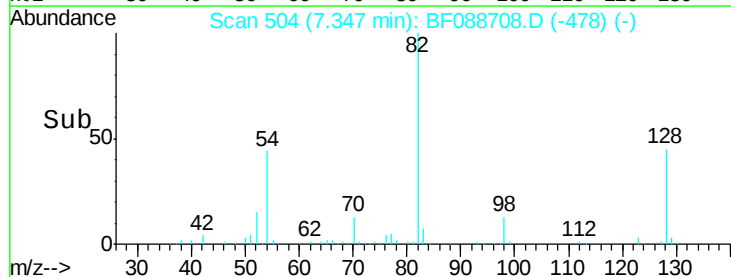
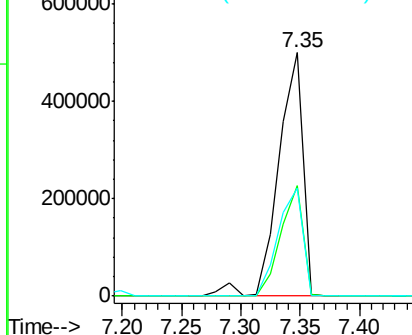
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.9	53.9
54	44.3	40.9	61.3

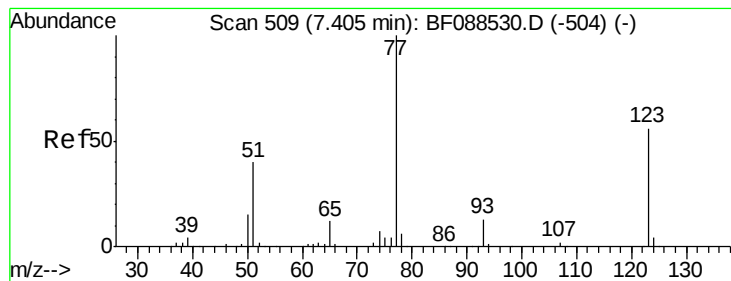


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 38.75 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tot Ion: 77 Resp: 312203

Ion Ratio Lower Upper

77 100

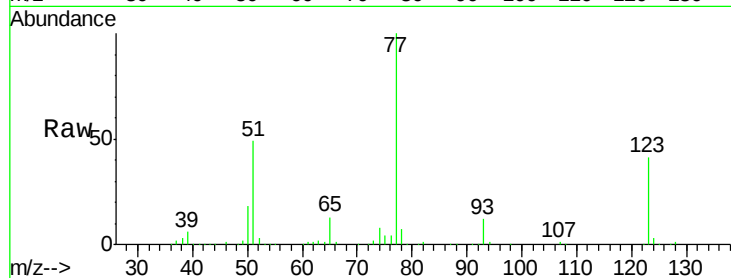
123 41.1 45.0 67.4#

65 13.4 10.2 15.2

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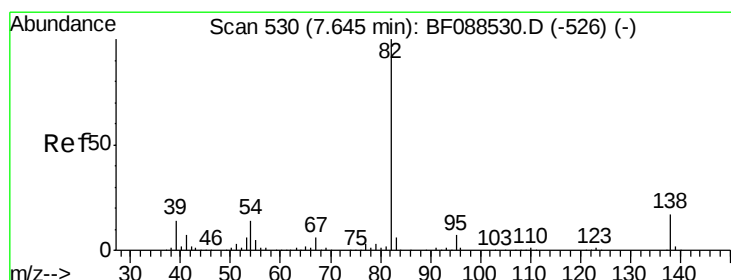
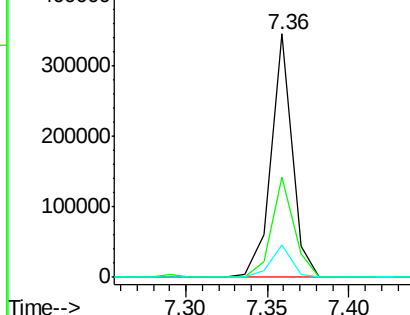
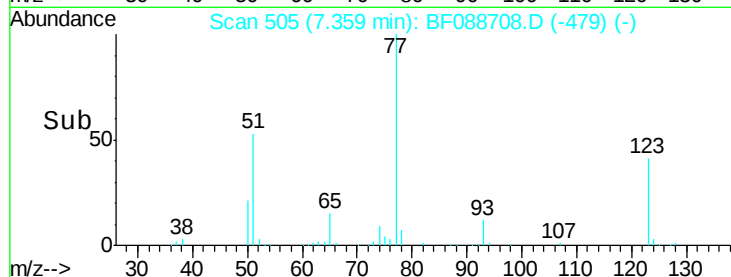
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.95 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

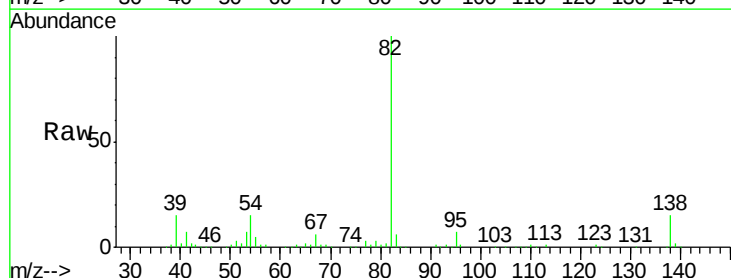
Tgt Ion: 82 Resp: 620856

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

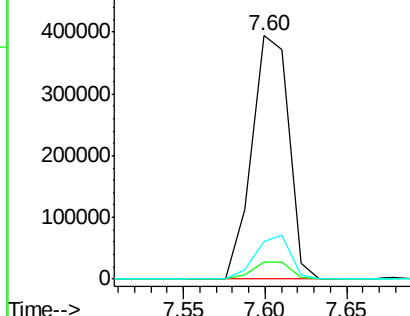
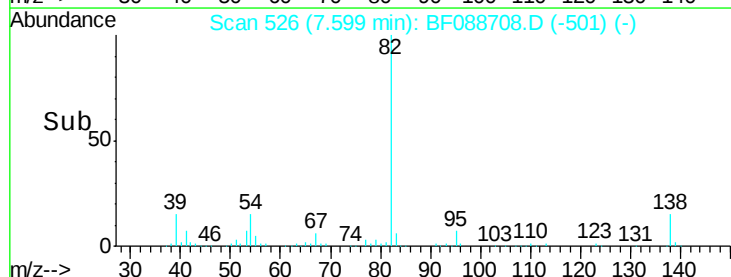
138 15.3 14.6 21.8

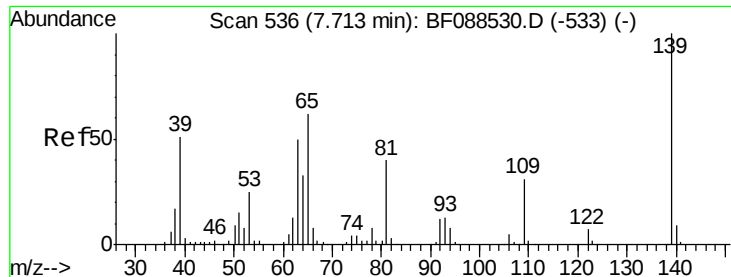


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





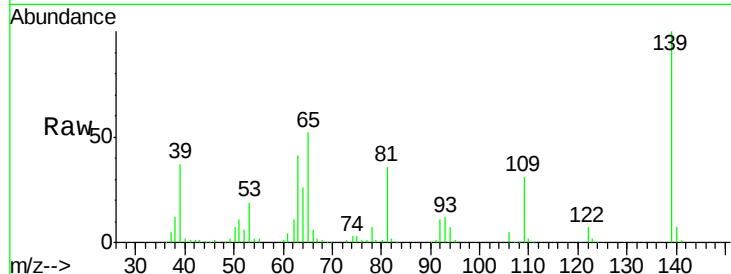
#26
2-Nitrophenol
Concen: 49.72 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

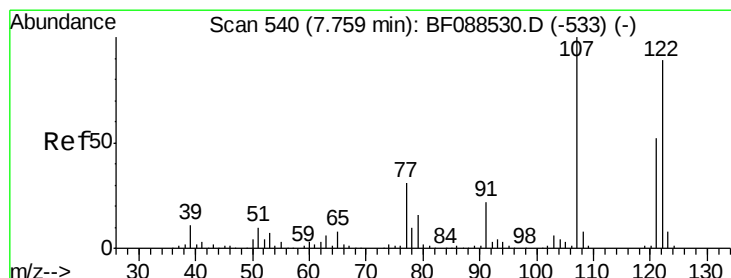
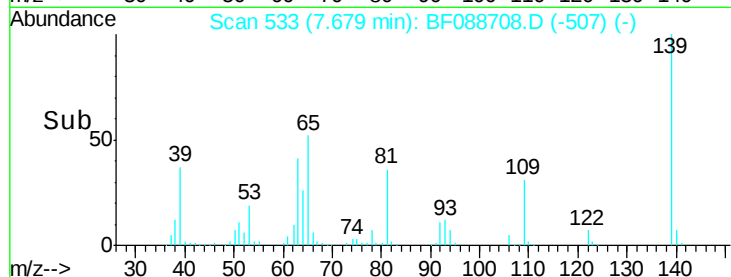
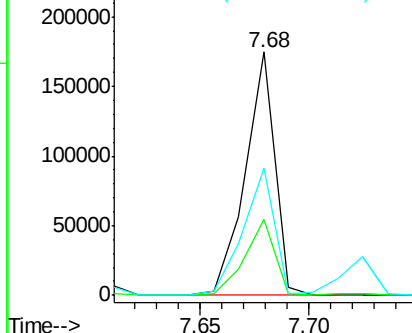
Tot Ion	Ratio	Resp	Lower	Upper
139	100	164240		
109	31.3	23.0	34.4	
65	52.4	45.8	68.8	

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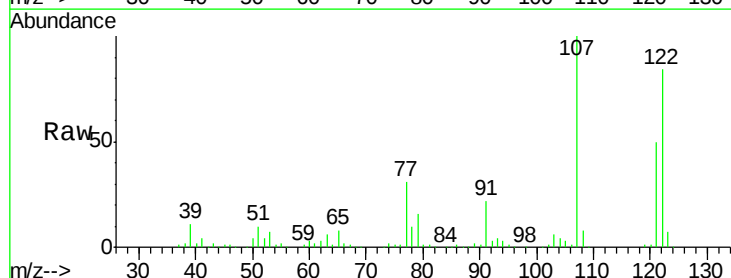


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

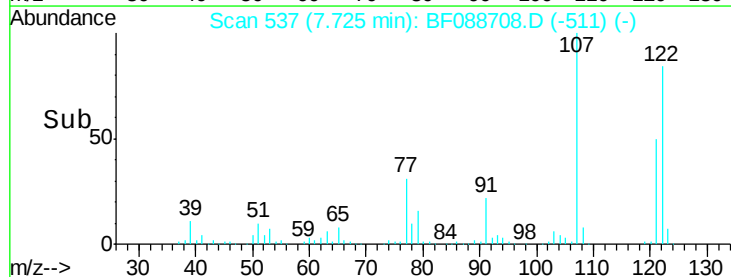
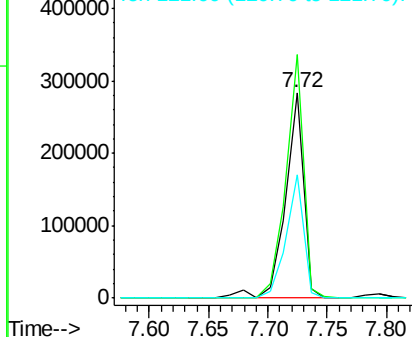


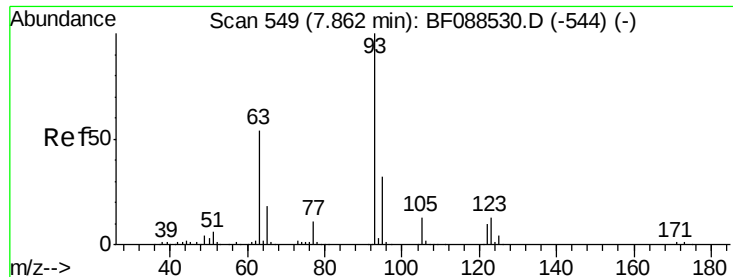
#27
2,4-Dimethylphenol
Concen: 43.43 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	298818		
107	118.6	82.4	123.6	
121	59.8	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: 37.66 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

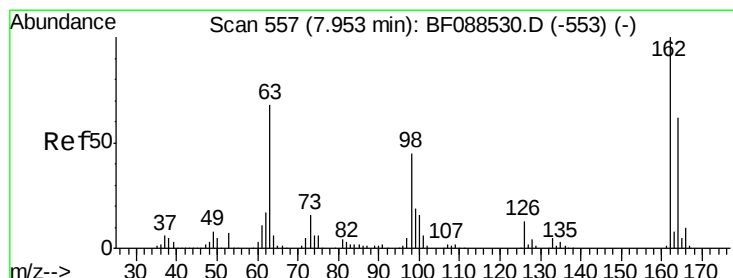
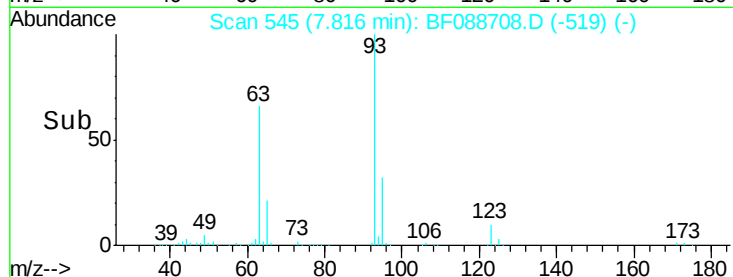
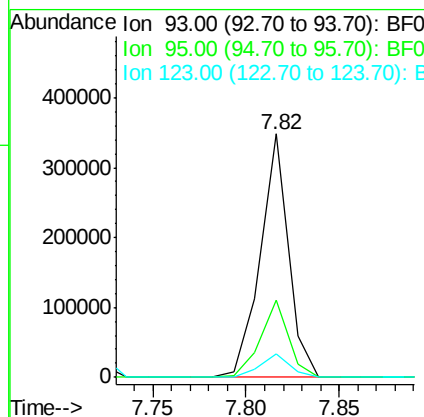
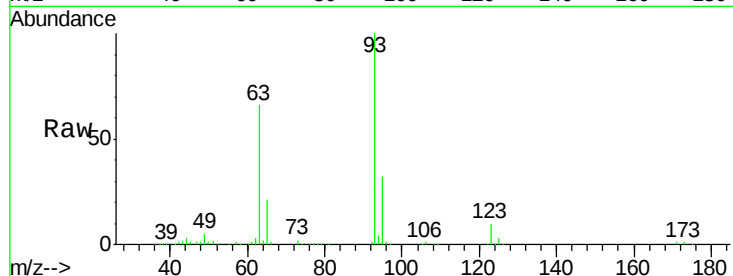
ClientSampleId :

PB91867BS

Tot Ion:	93	Resp:	362781
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.5	39.7
123	9.8	11.6	17.4#

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#29

2,4-Dichlorophenol

Concen: 43.31 ng

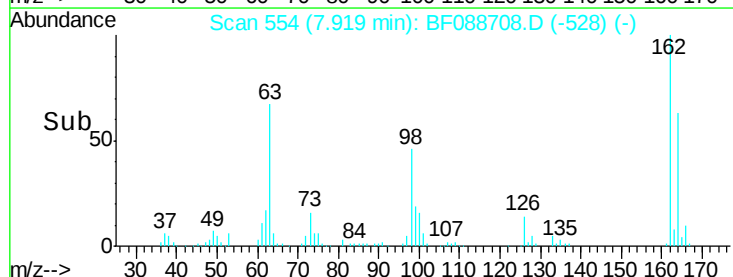
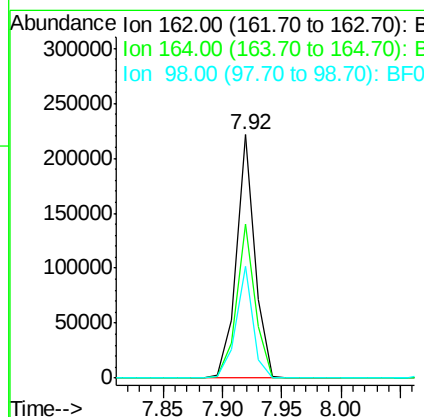
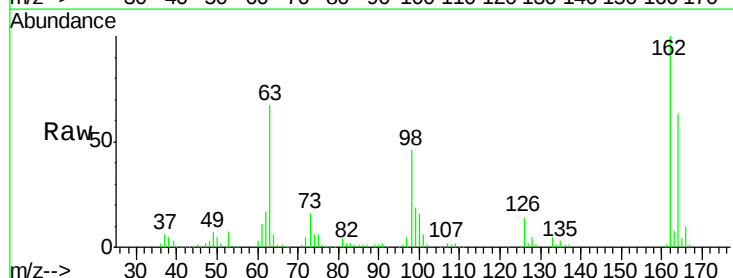
RT: 7.92 min Scan# 554

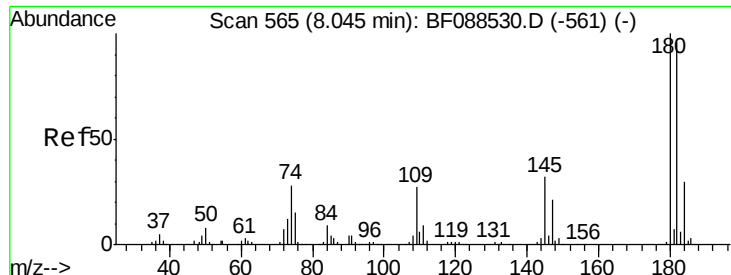
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	162	Resp:	240873
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.8	83.8
98	45.9	21.3	61.3





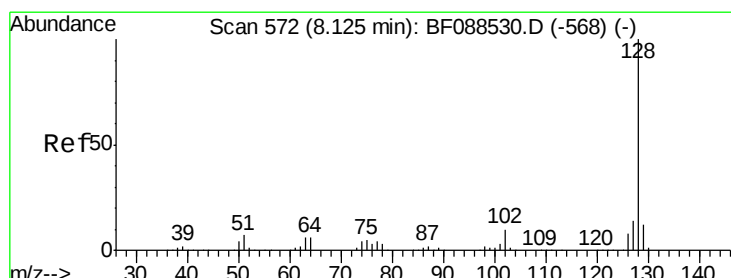
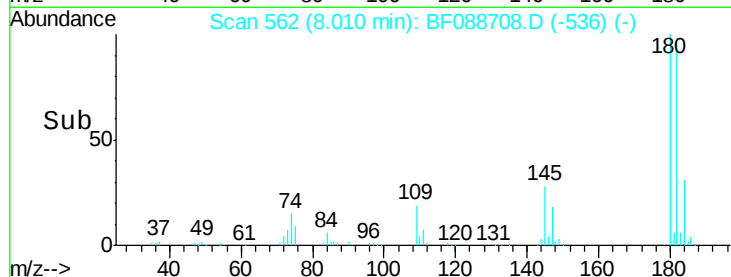
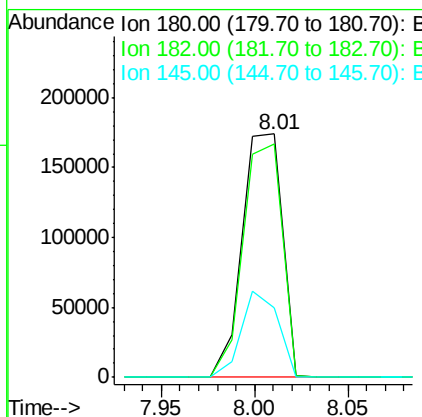
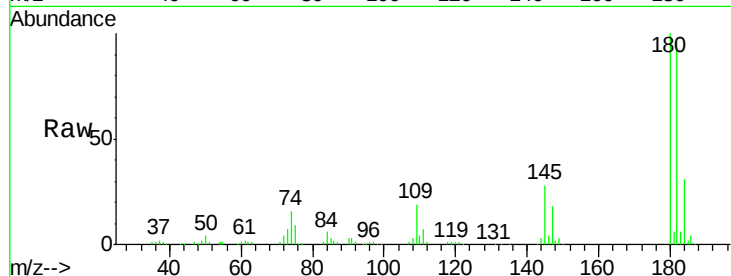
#30
 1,2,4-Trichlorobenzene
 Concen: 42.46 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	28.4	26.5	39.7

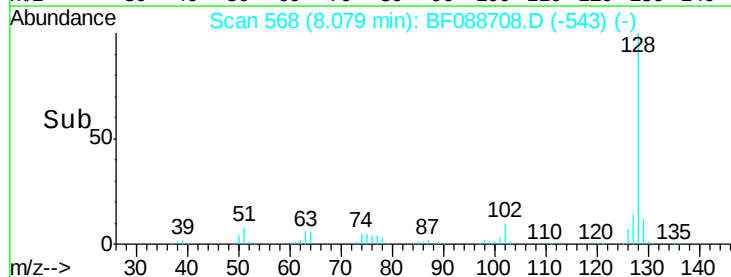
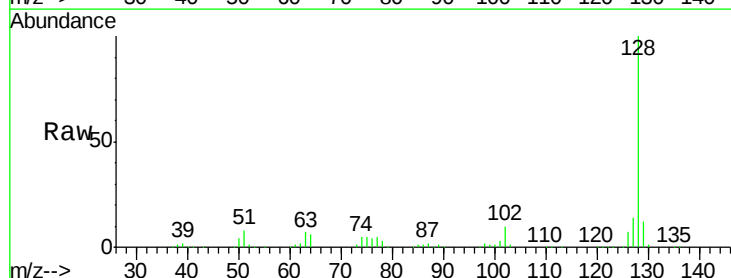
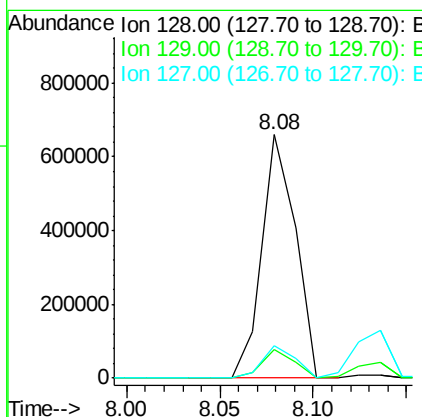
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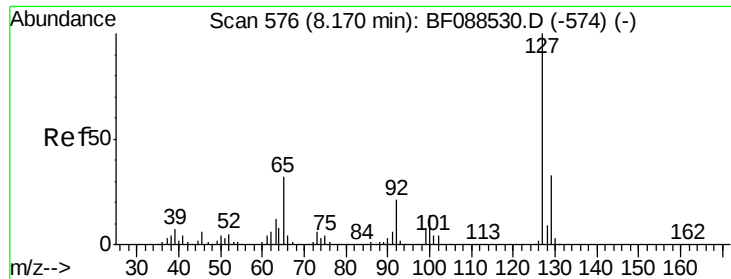
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#31
 Naphthalene
 Concen: 39.79 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.5	10.9	16.3





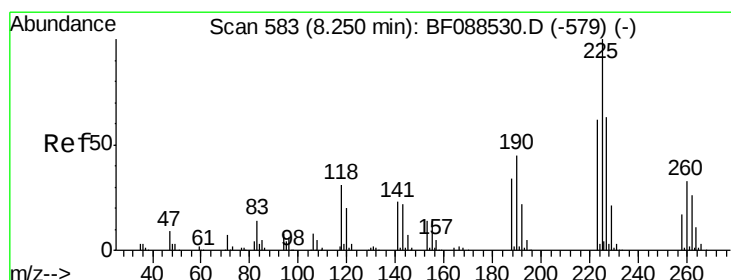
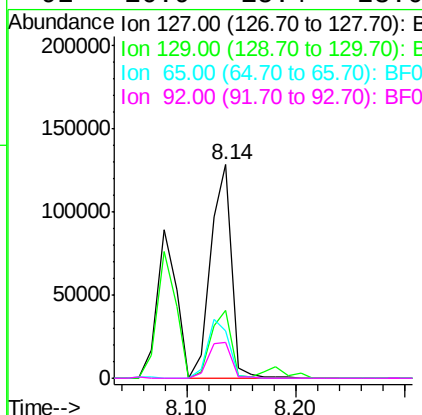
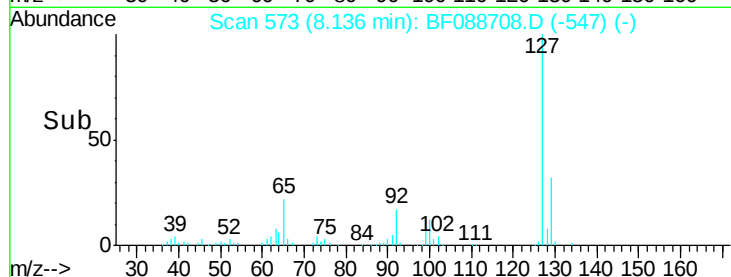
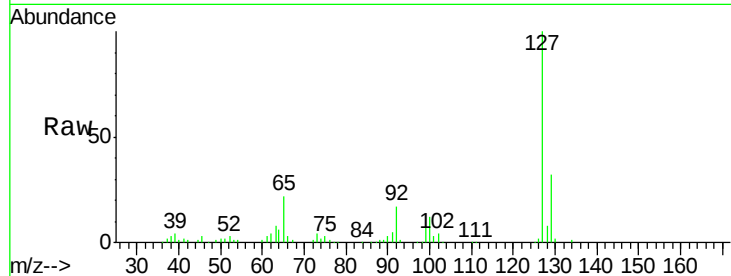
#33
4-Chloroaniline
Concen: 18.71 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	22.2	24.7	37.1
92	16.9	15.4	23.0

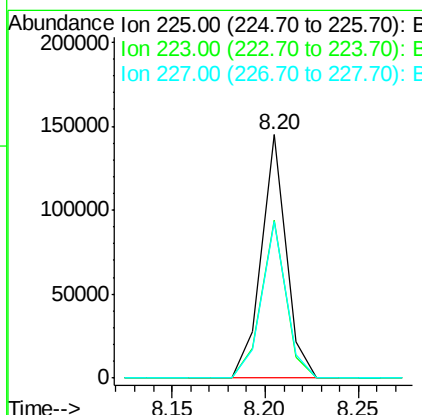
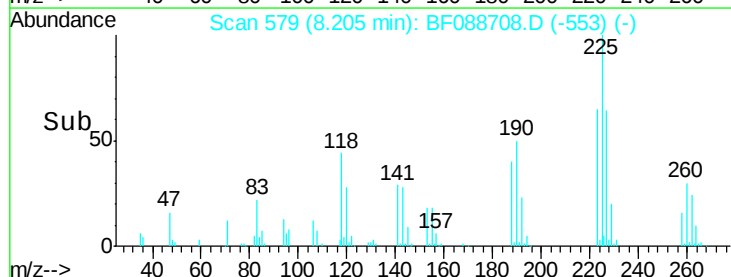
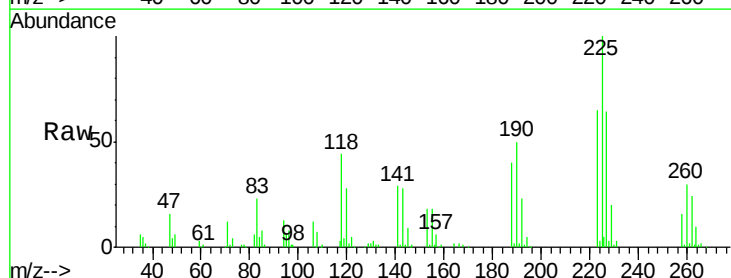
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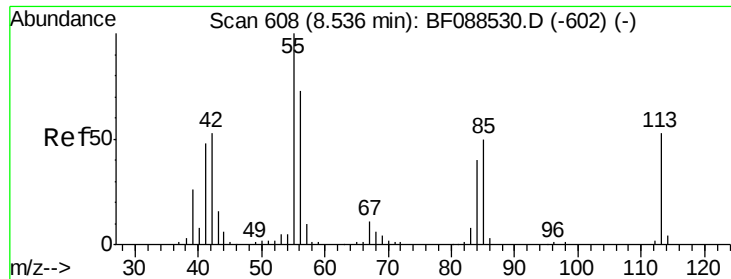
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#34
Hexachlorobutadiene
Concen: 40.84 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.9	76.3
227	64.1	51.9	77.9





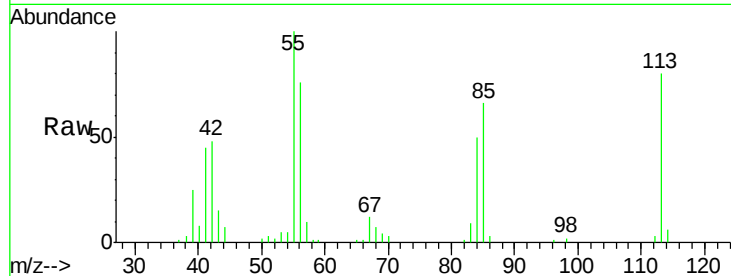
#35
 Caprolactam
 Concen: 45.50 ng/ml
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

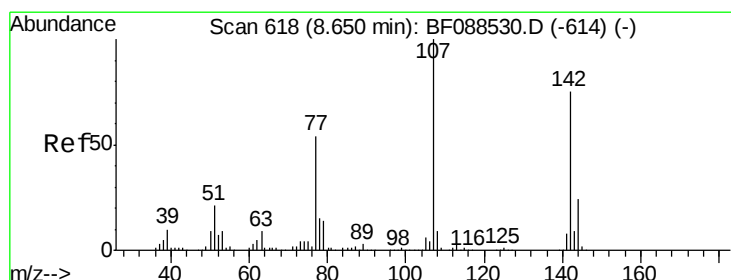
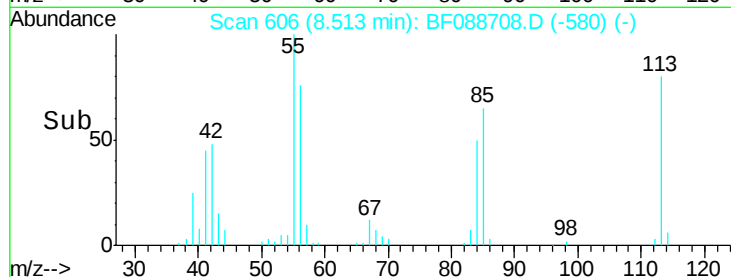
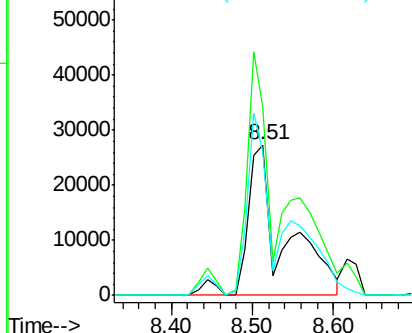
Tot Ion	Ratio	Lower	Upper
113	100		
55	125.7	158.6	198.6#
56	96.1	110.6	150.6#

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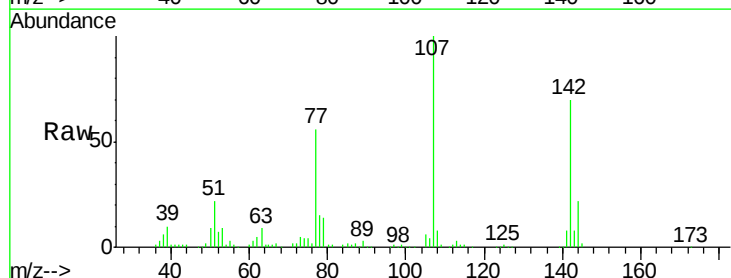


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

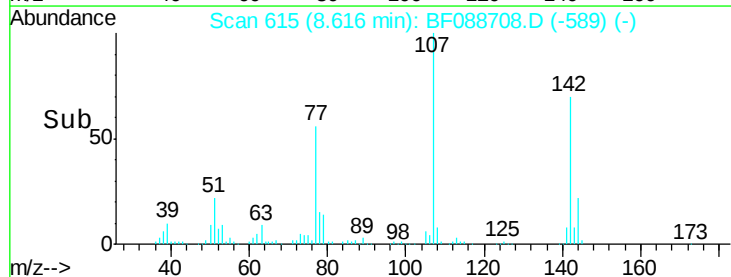
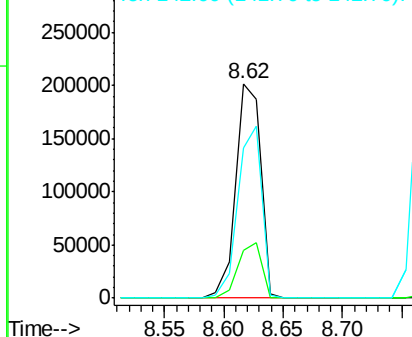


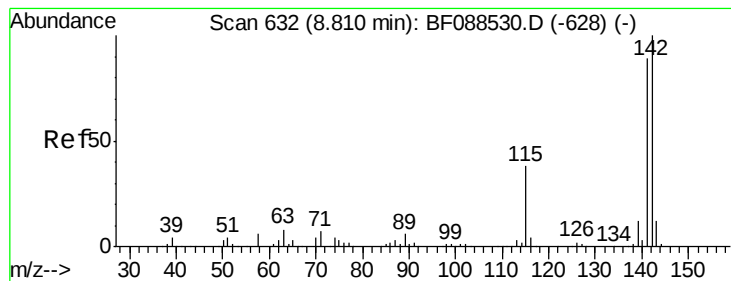
#36
 4-Chloro-3-methylphenol
 Concen: 45.05 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	20.8	31.2
142	70.1	63.4	95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





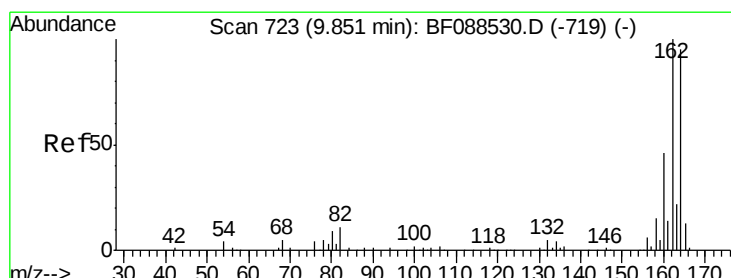
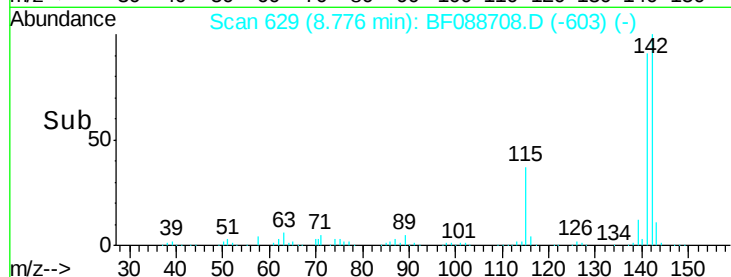
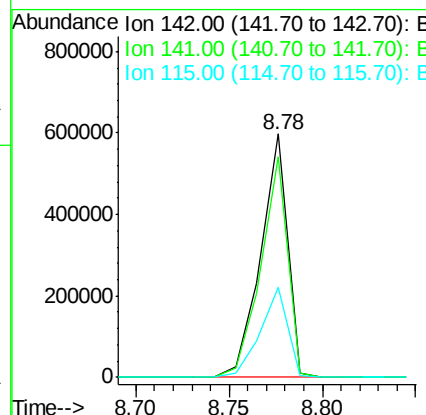
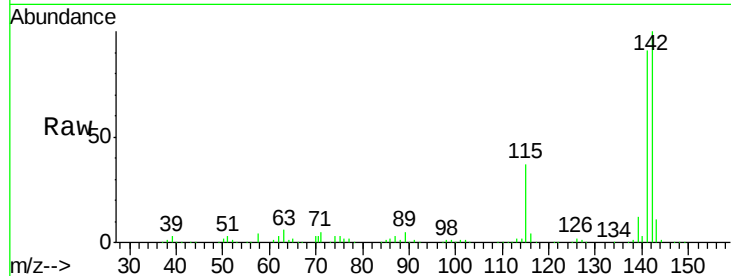
#37
2-Methylnaphthalene
Concen: 44.60 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	37.1	22.6	33.8

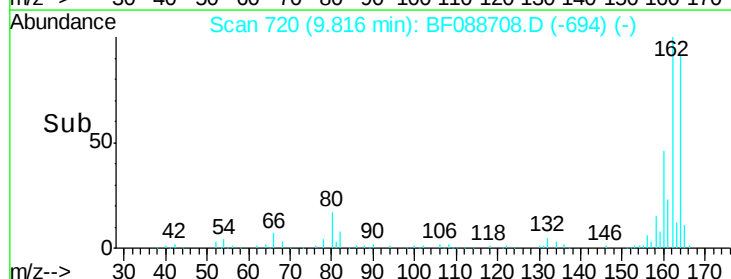
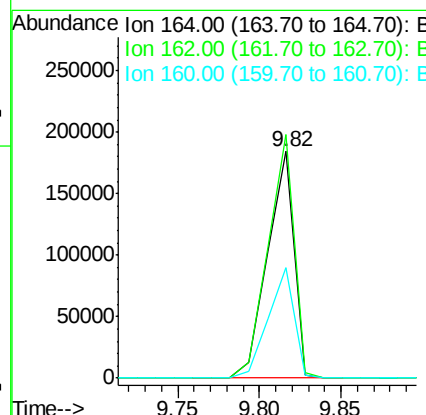
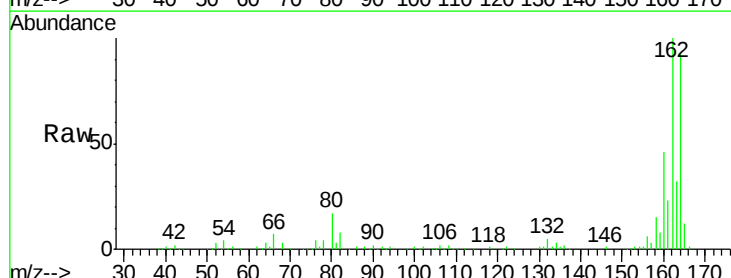
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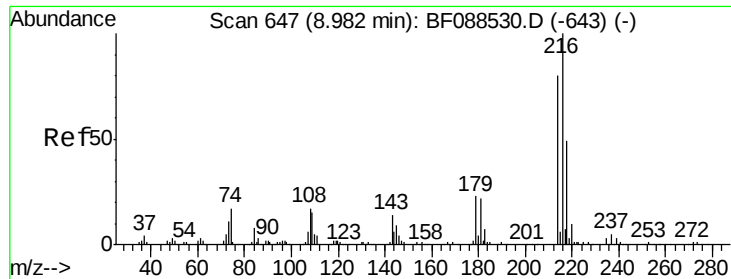
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.4	128.2
160	49.0	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.65 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampled :

PB91867BS

Tot Ion:216 Resp: 225835
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

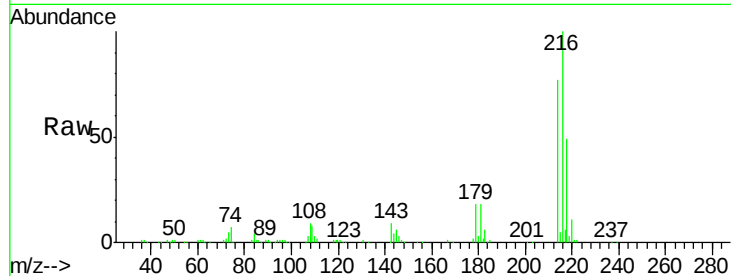
179 22.3 0.0 0.0#

108 23.2 0.5 0.7#

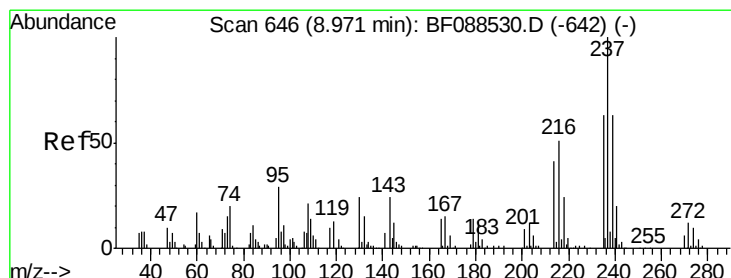
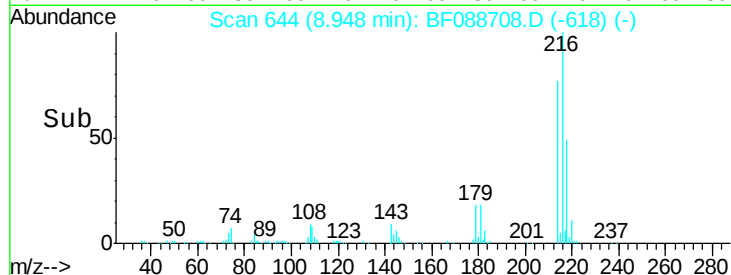
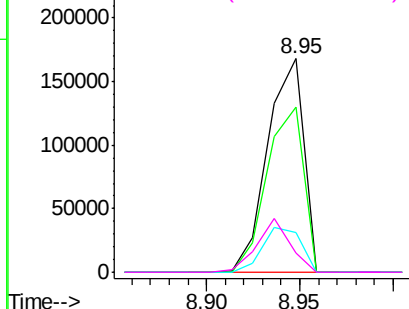
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.87 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088708.D

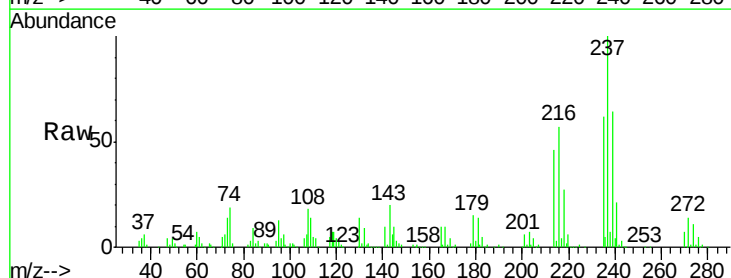
Acq: 5 Jul 2016 17:43

Tgt Ion:237 Resp: 281339
Ion Ratio Lower Upper

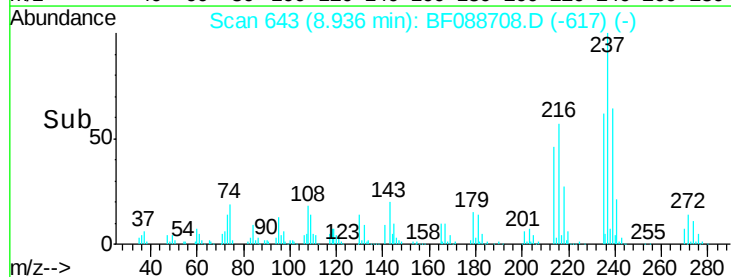
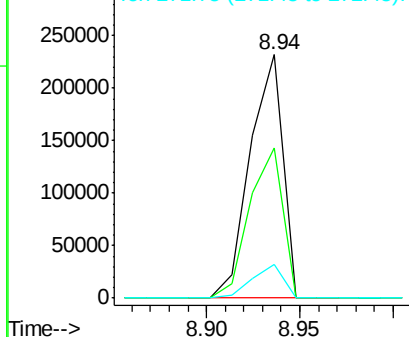
237 100

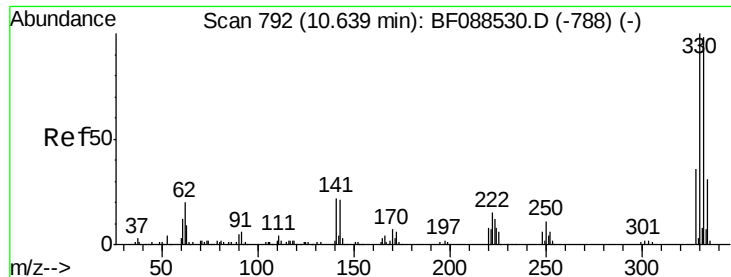
235 61.8 43.4 83.4

272 13.7 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





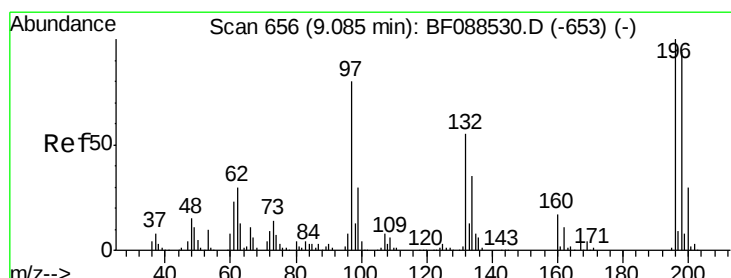
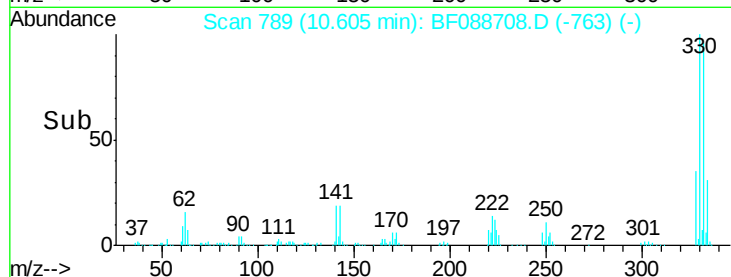
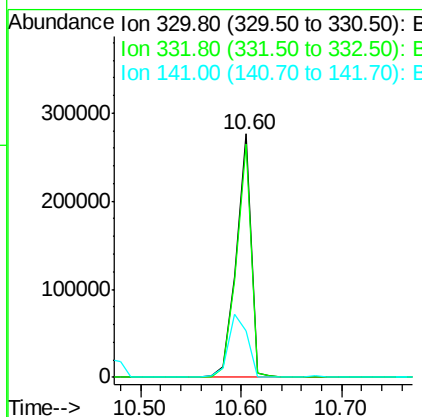
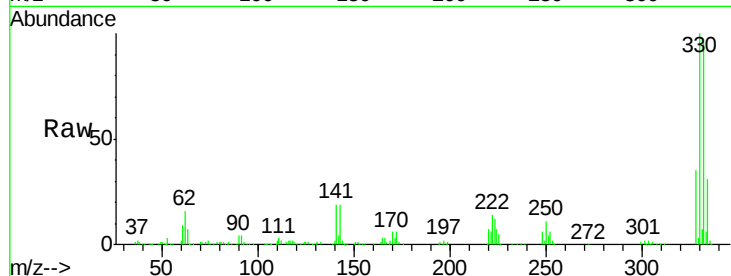
#41
 2,4,6-Tribromophenol
 Concen: 146.44 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	33.2	0.0	0.0#

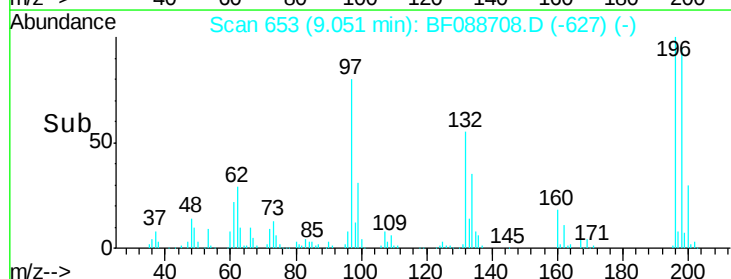
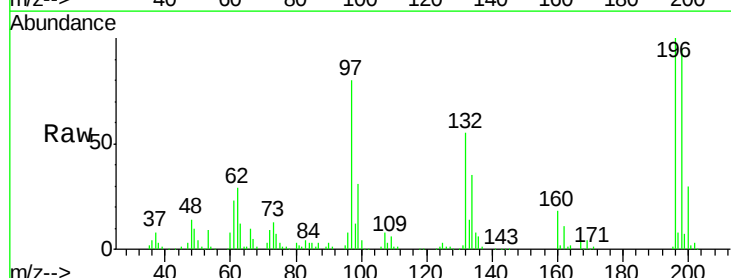
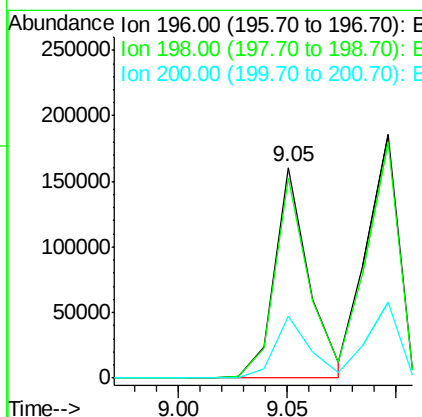
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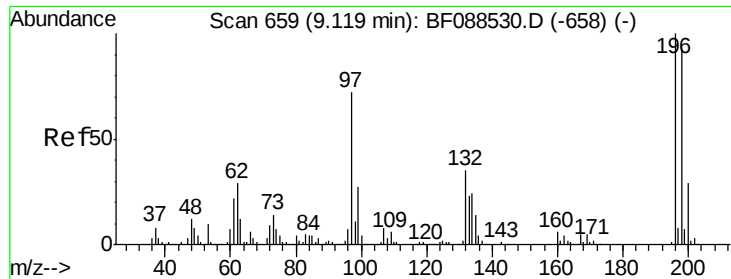
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#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.1	78.0	117.0
200	29.6	25.4	38.2





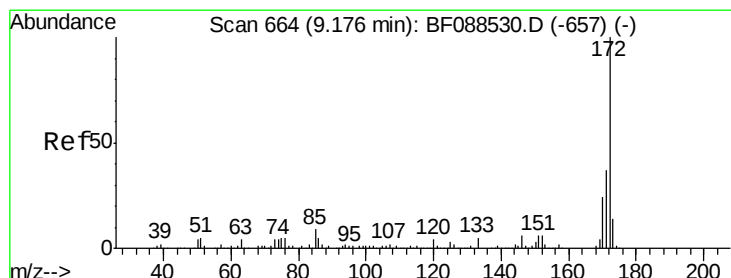
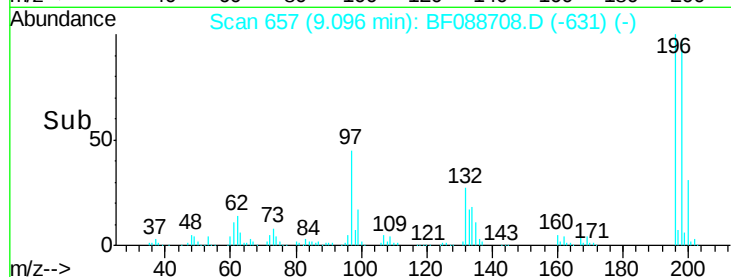
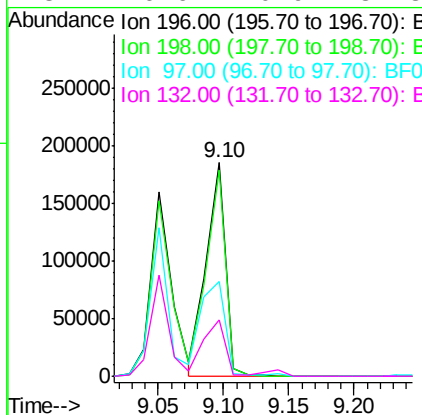
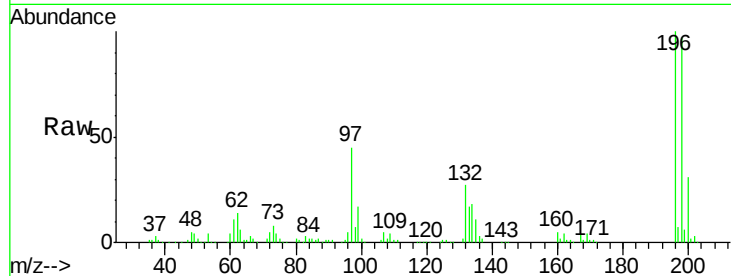
#43
 2,4,5-Trichlorophenol
 Concen: 48.94 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion:	196	Resp:	192028
Ion Ratio	Lower	Upper	
196	100		
198	96.7	77.5	116.3
97	44.6	32.0	48.0
132	26.6	20.9	31.3

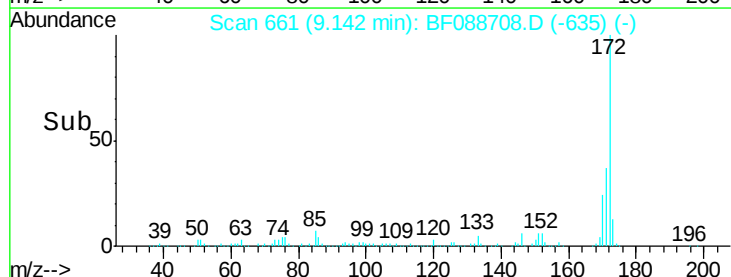
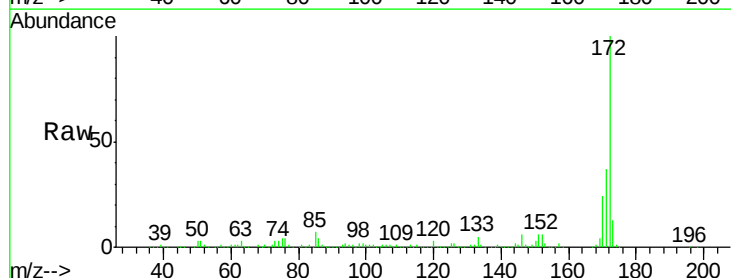
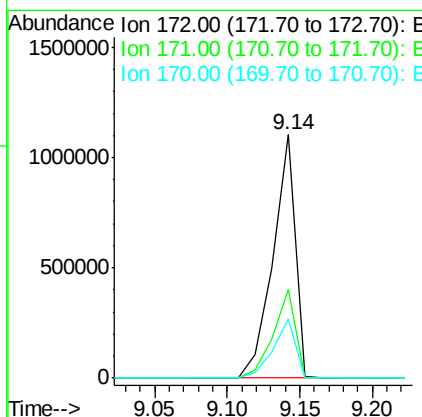
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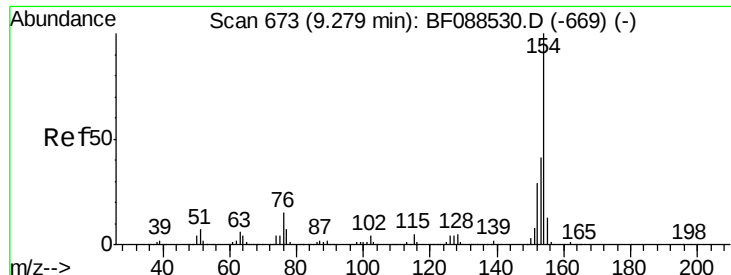
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#44
 2-Fluorobiphenyl
 Concen: 89.22 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:	172	Resp:	1174628
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.6	43.0
170	24.2	19.2	28.8





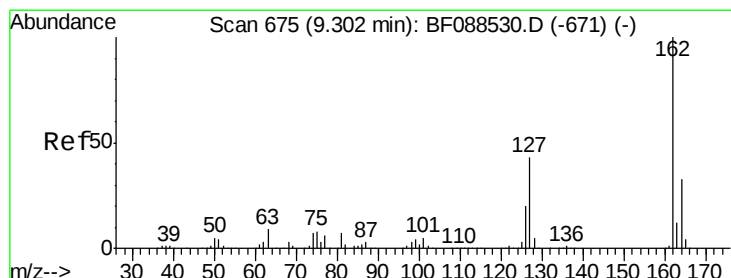
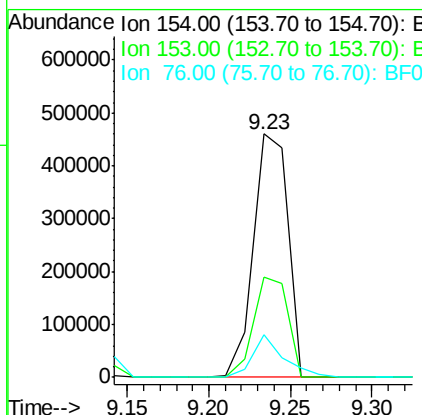
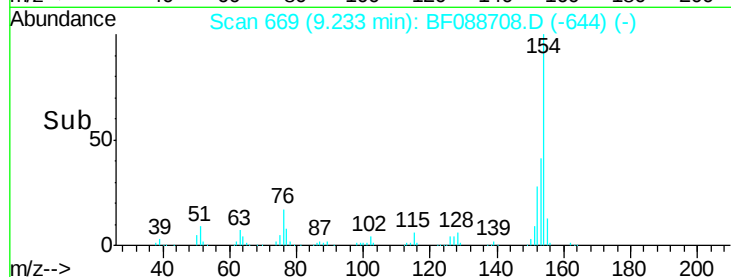
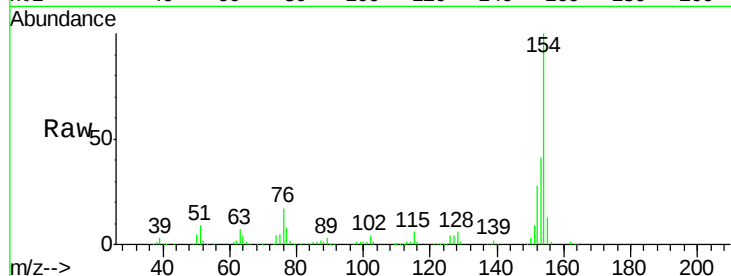
#45
 1,1'-Biphenyl
 Concen: 39.22 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.6	60.6	
76	17.4	0.0	35.1	

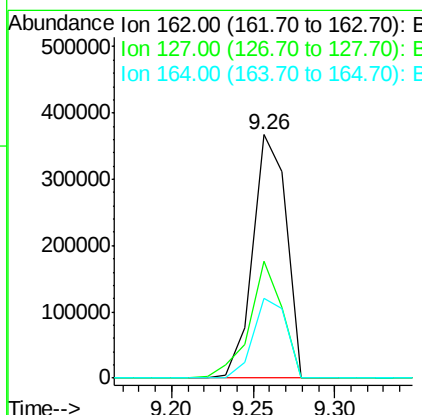
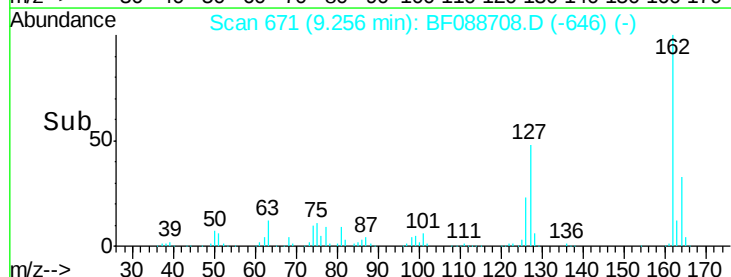
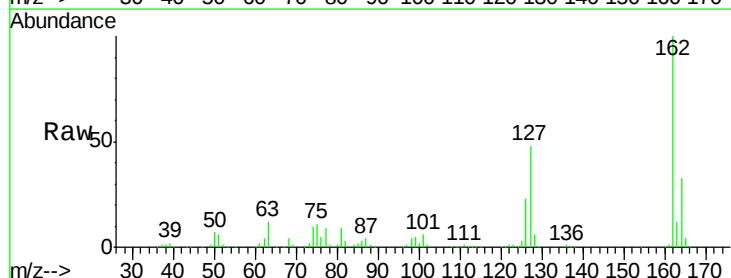
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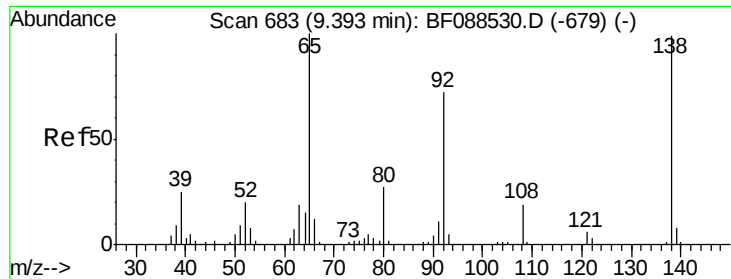
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#46
 2-Chloronaphthalene
 Concen: 38.61 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	48.2	35.2	52.8	
164	32.7	26.6	39.8	





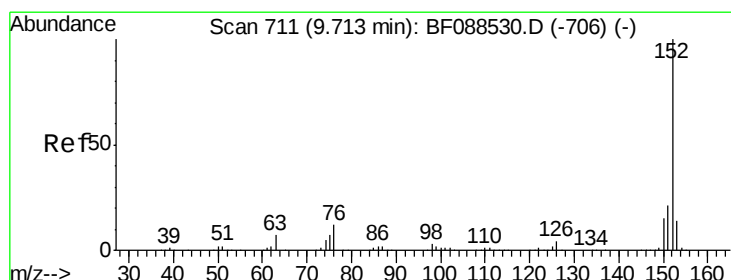
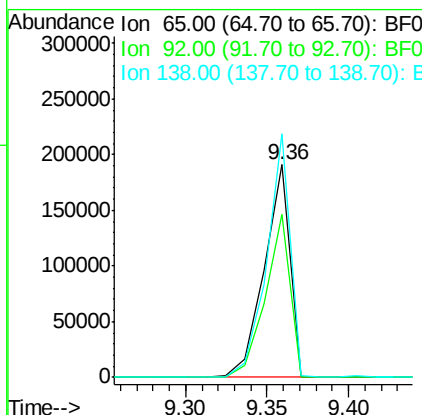
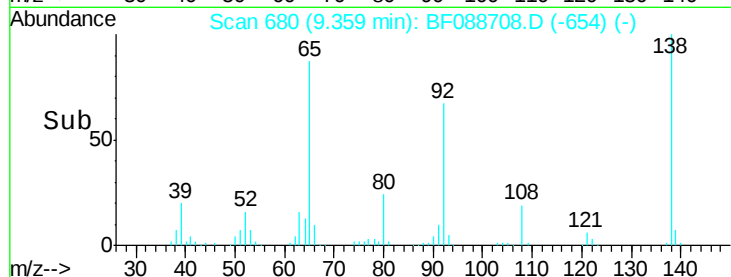
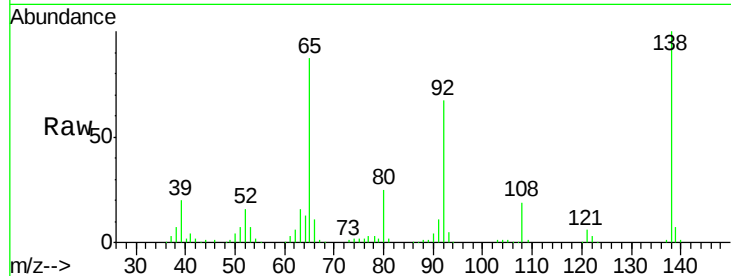
#47
2-Nitroaniline
Concen: 43.58 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.8	54.6	82.0
138	114.6	77.0	115.4

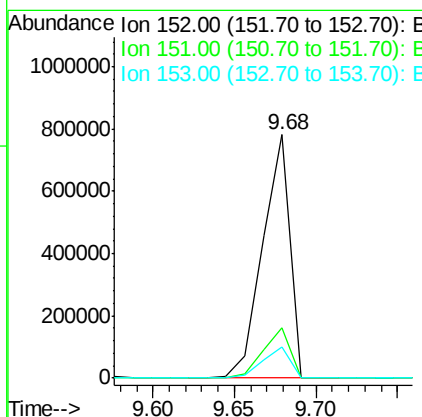
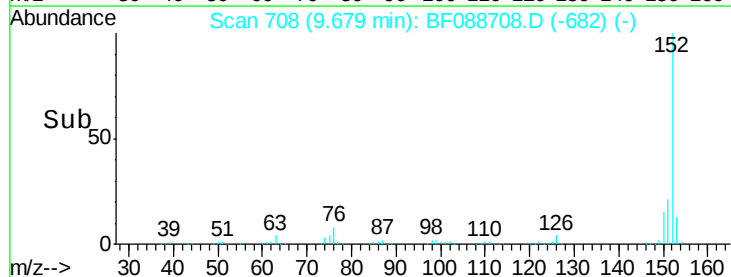
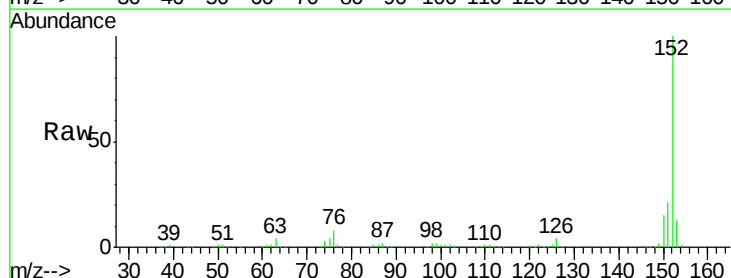
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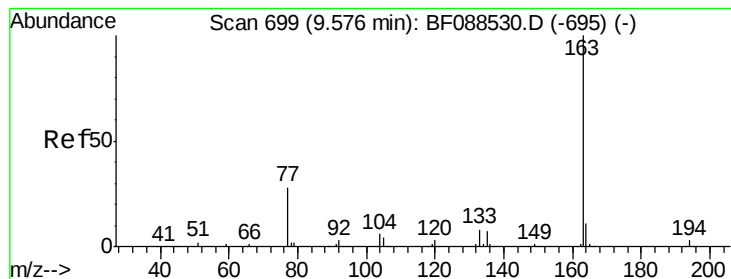
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#48
Acenaphthylene
Concen: 41.98 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.0	11.0	16.6





#49

Dimethylphthalate

Concen: 41.80 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

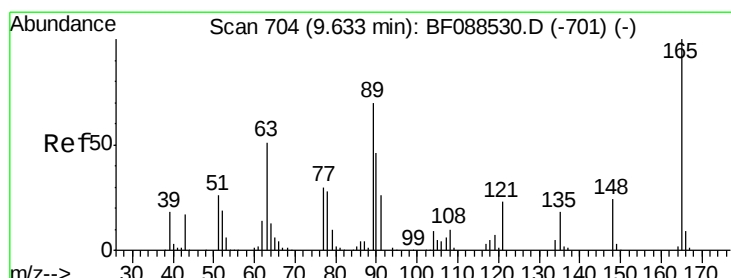
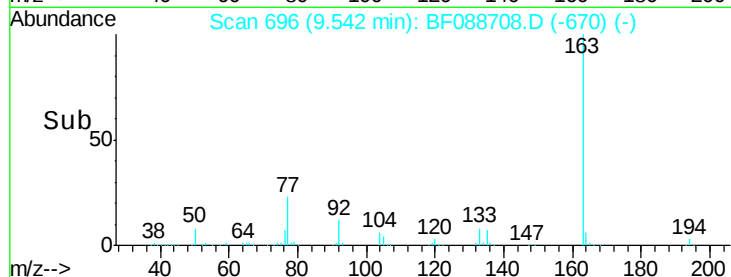
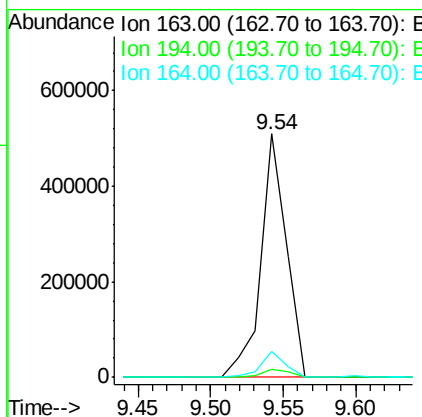
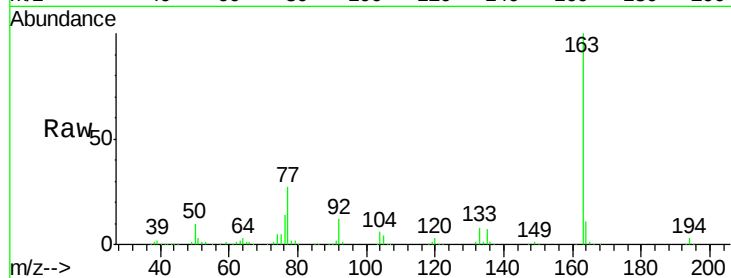
ClientSampleId :

PB91867BS

Tot Ion:	163	Resp:	619337
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 40.78 ng

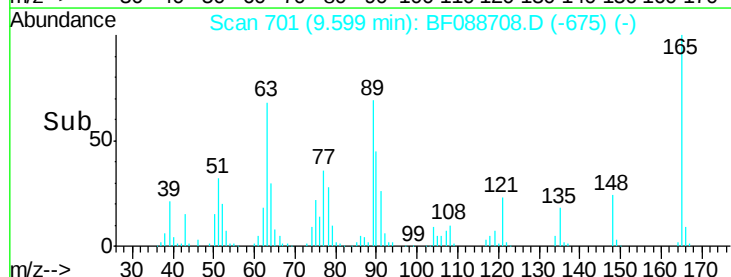
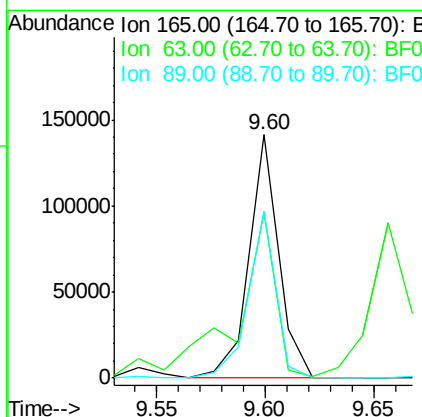
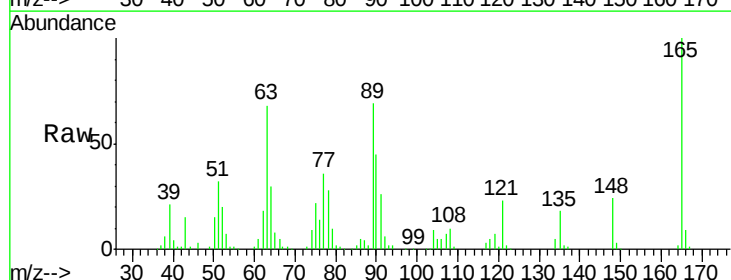
RT: 9.60 min Scan# 701

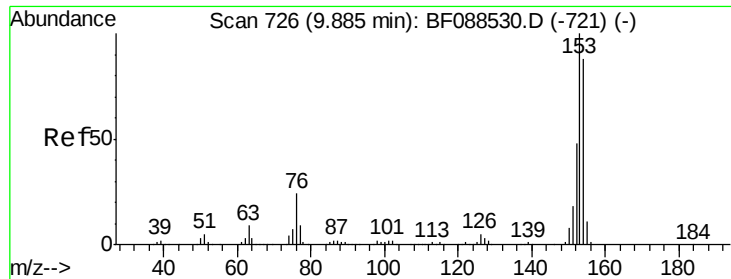
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	165	Resp:	133894
Ion Ratio	Lower	Upper	
165	100		
63	67.7	28.1	42.1#
89	68.7	32.2	48.2#





#51

Acenaphthene

Concen: 41.46 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

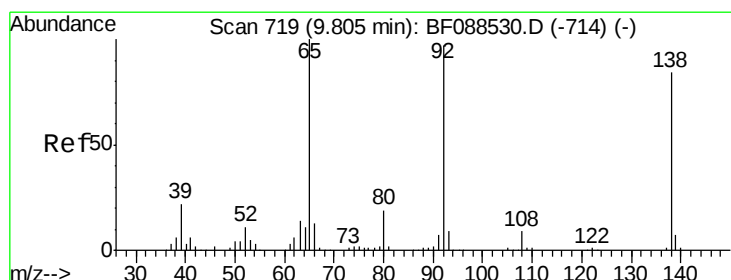
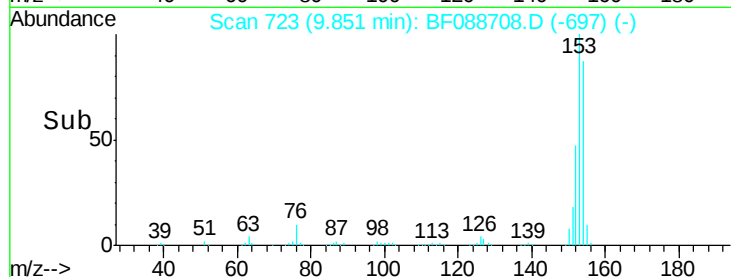
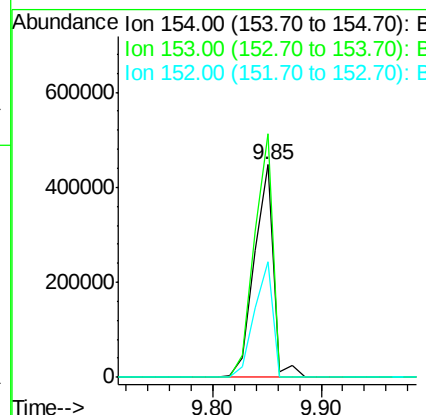
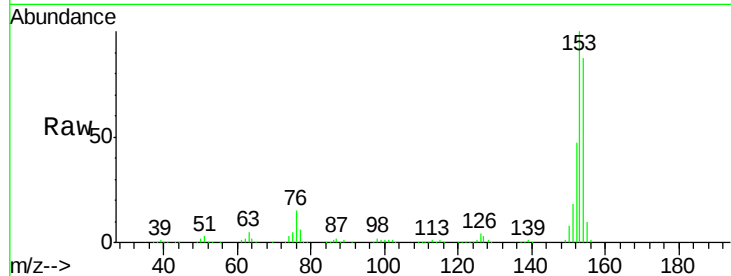
ClientSampleId :

PB91867BS

Tot Ion:	154	Resp:	546698
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.5	134.3
152	54.3	42.7	64.1

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#52

3-Nitroaniline

Concen: 23.47 ng

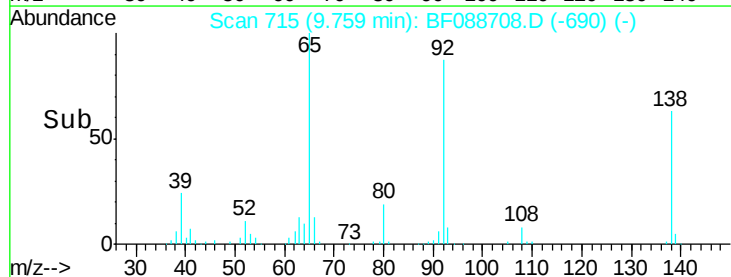
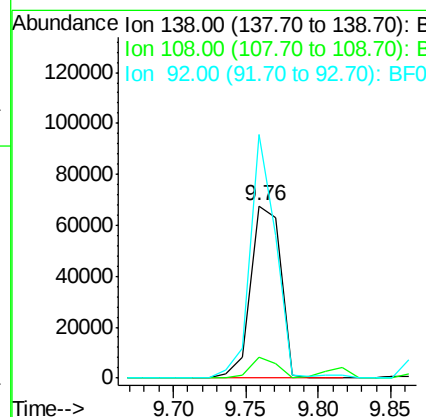
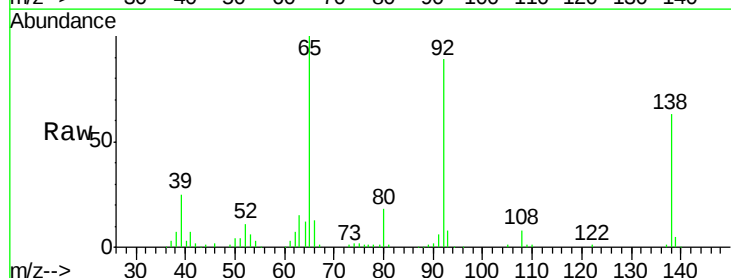
RT: 9.76 min Scan# 715

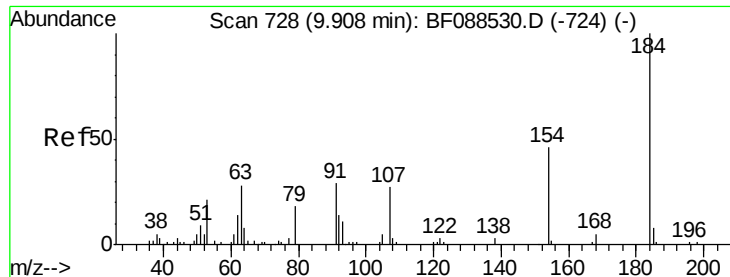
Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	138	Resp:	97954
Ion Ratio	Lower	Upper	
138	100		
108	12.1	8.5	12.7
92	141.2	95.7	143.5





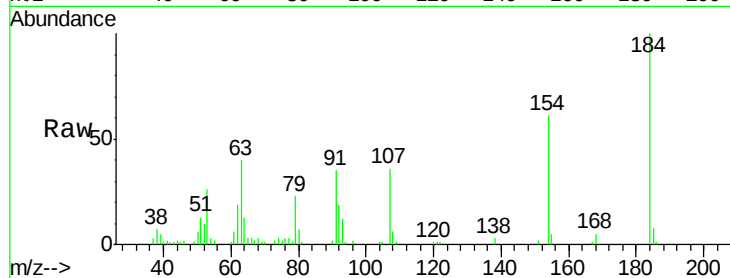
#53
 2,4-Dinitrophenol
 Concen: 25.31 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

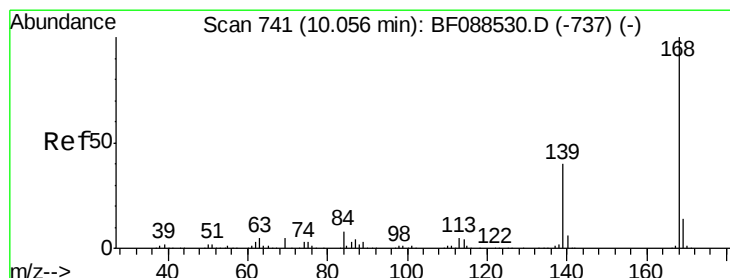
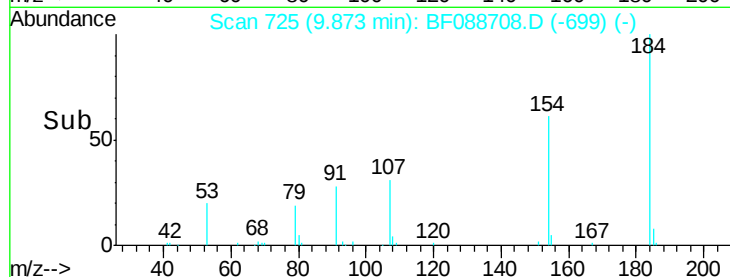
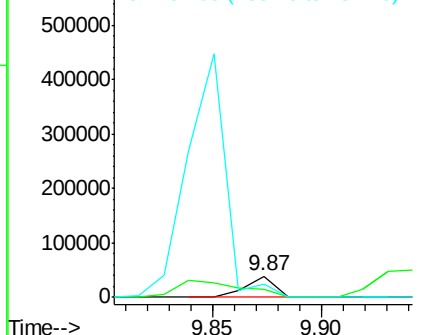
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	39.7	57.6	86.4	
154	61.5	53.5	80.3	

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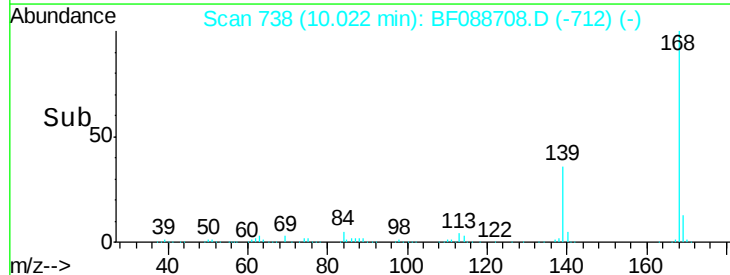
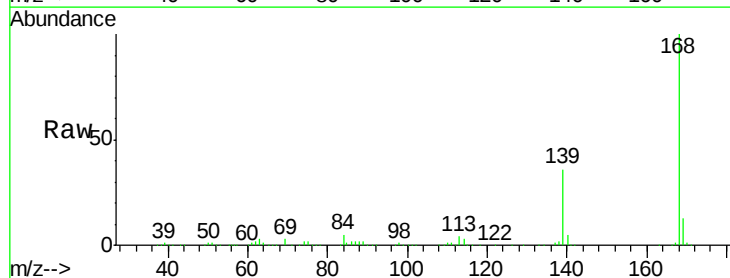
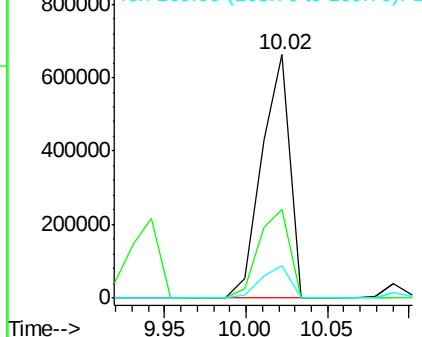
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

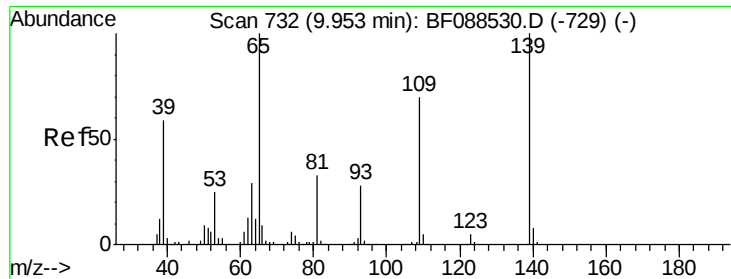


#54
 Dibenzofuran
 Concen: 45.71 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.4	26.4	39.6	
169	13.2	10.4	15.6	

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





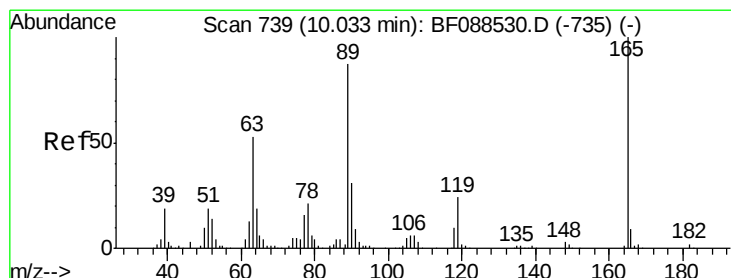
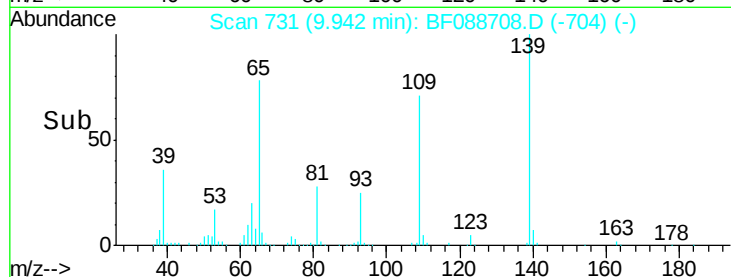
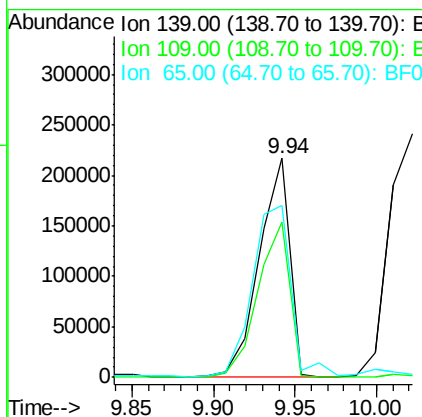
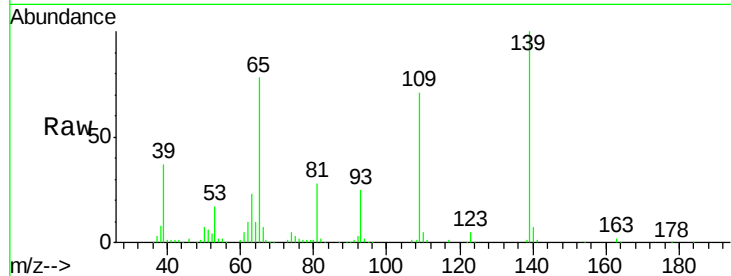
#55
4-Nitrophenol
Concen: 89.29 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	283220		
109	70.9	48.9	88.9	
65	78.3	84.9	124.9	

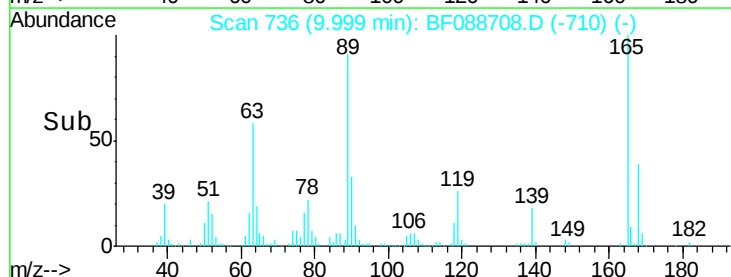
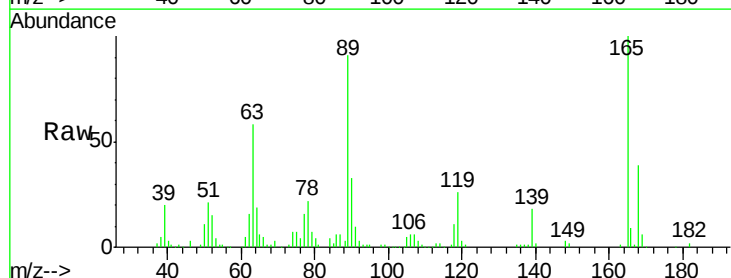
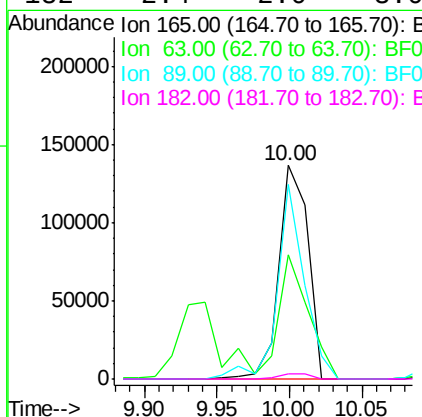
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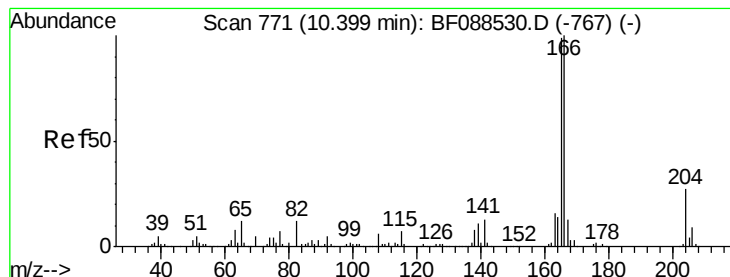
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#56
2,4-Dinitrotoluene
Concen: 44.18 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189658		
63	58.0	22.0	33.0	#
89	91.1	41.1	61.7	#
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 42.91 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tot Ion:166 Resp: 570656

Ion Ratio Lower Upper

166 100

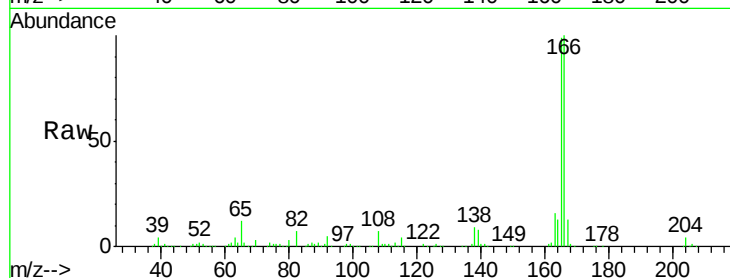
165 98.6 77.8 116.8

167 12.9 11.2 16.8

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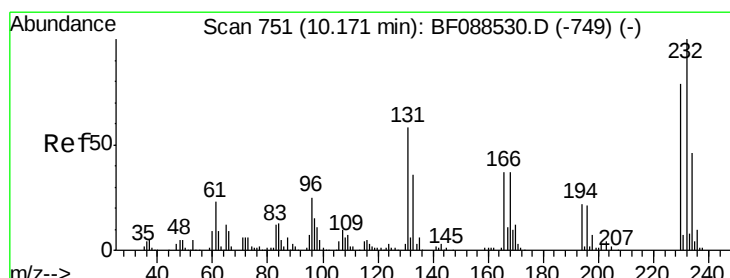
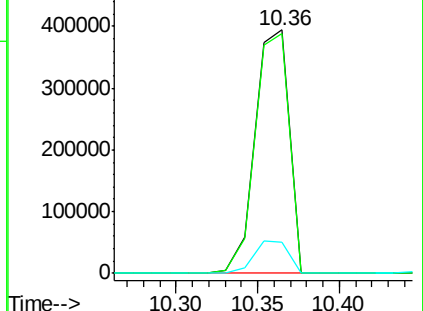
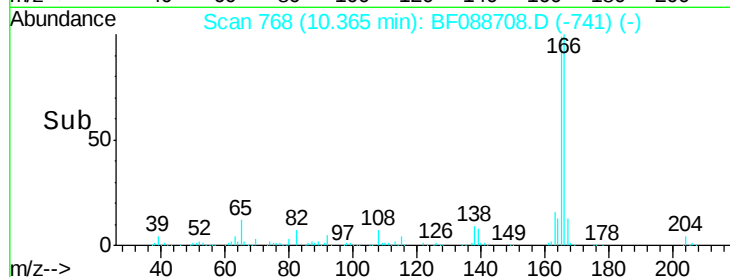
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.84 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:232 Resp: 142193

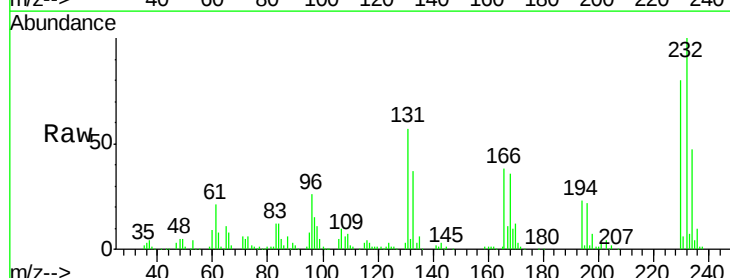
Ion Ratio Lower Upper

232 100

131 57.8 0.9 1.3#

130 2.8 1.5 2.3#

166 37.9 0.5 0.7#

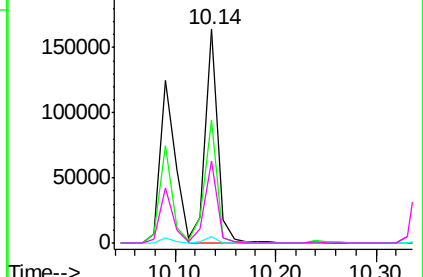
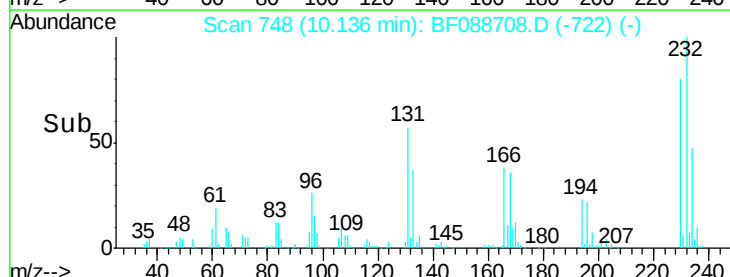


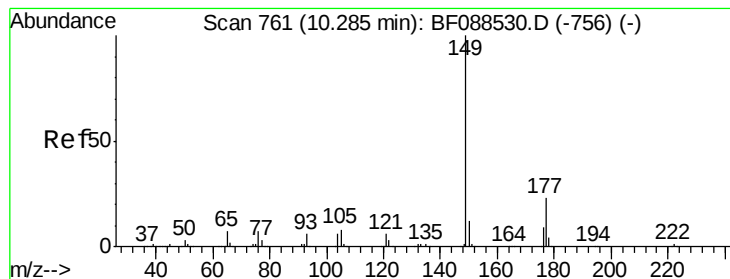
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.21 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

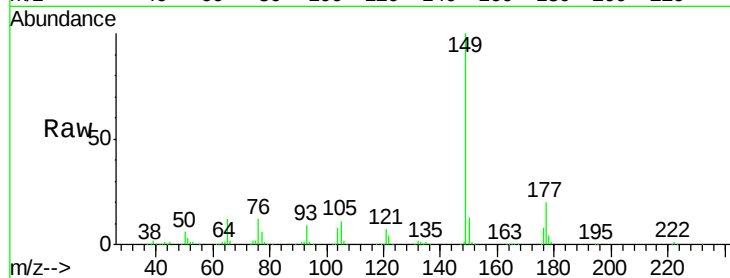
ClientSampleId :

PB91867BS

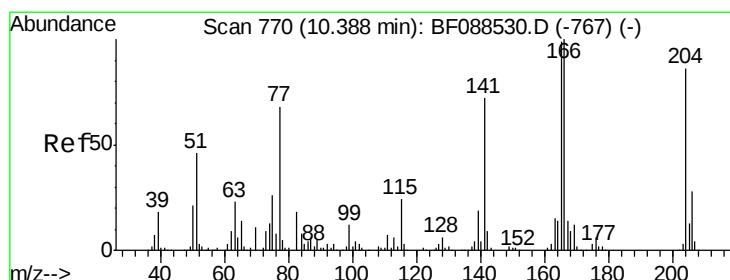
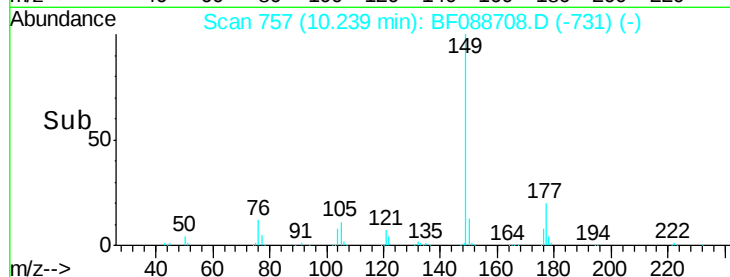
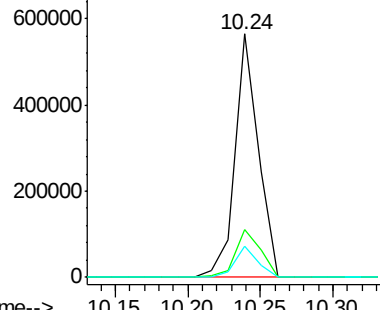
Tot Ion:	149	Resp:	627516
Ion Ratio	Lower	Upper	
149	100		
177	19.7	16.9	25.3
150	12.9	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.27 ng

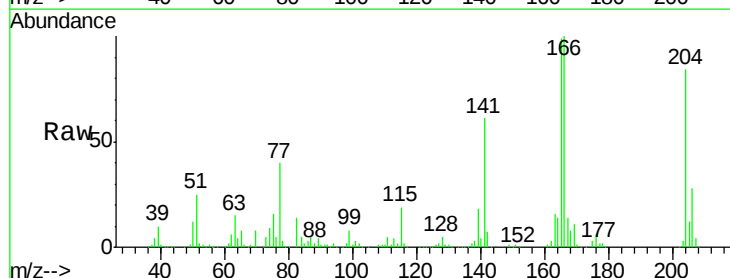
RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

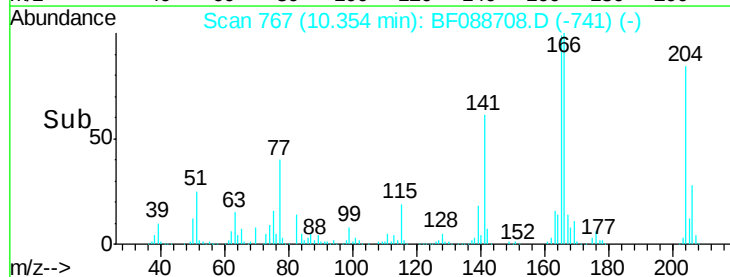
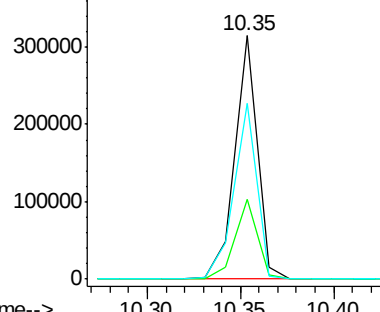
Lab File: BF088708.D

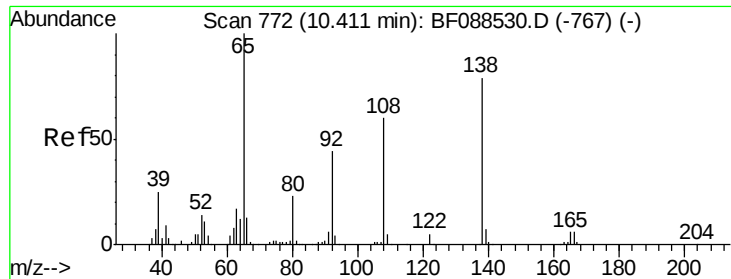
Acq: 5 Jul 2016 17:43

Tgt Ion:	204	Resp:	261197
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.3	39.5
141	72.0	55.0	82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





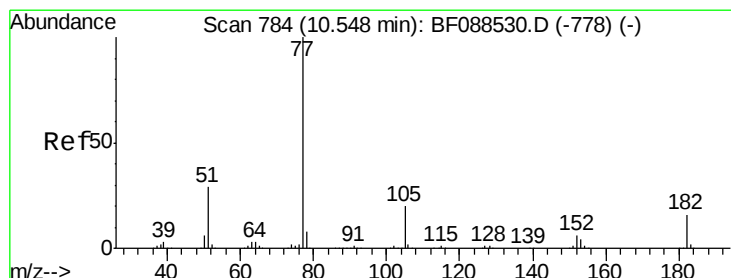
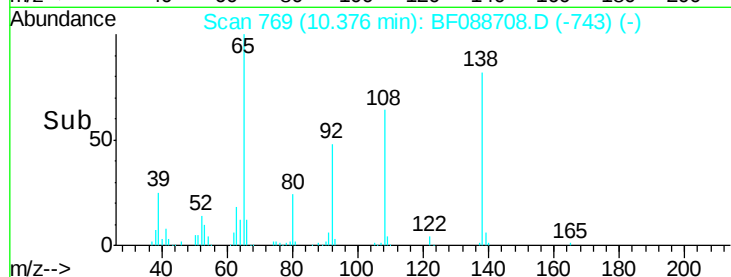
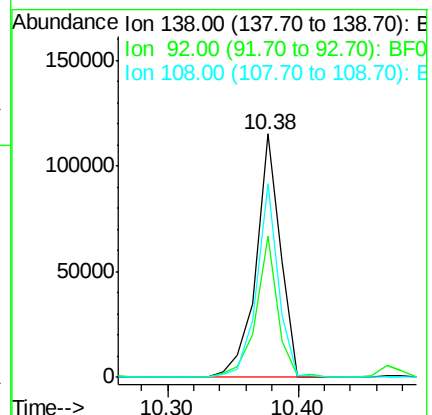
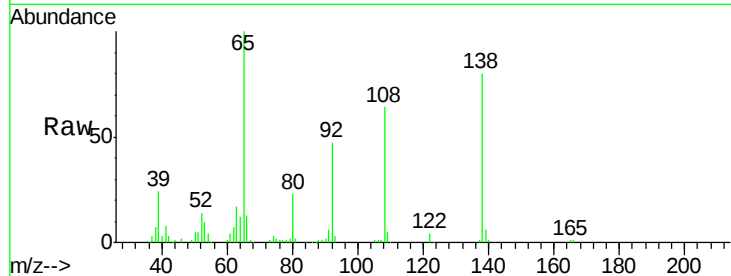
#61
4-Nitroaniline
Concen: 37.37 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.2	27.3	67.3
108	79.4	46.7	86.7

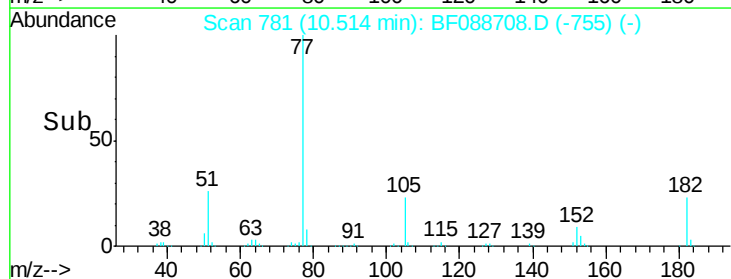
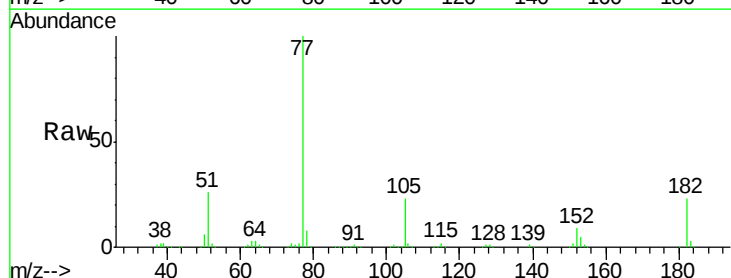
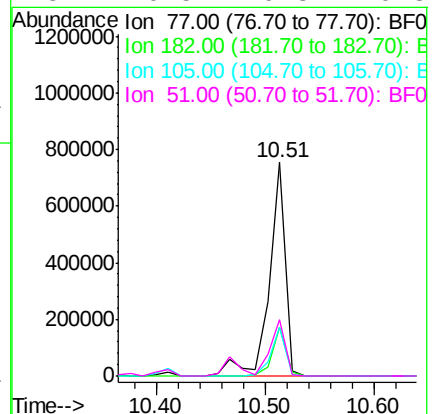
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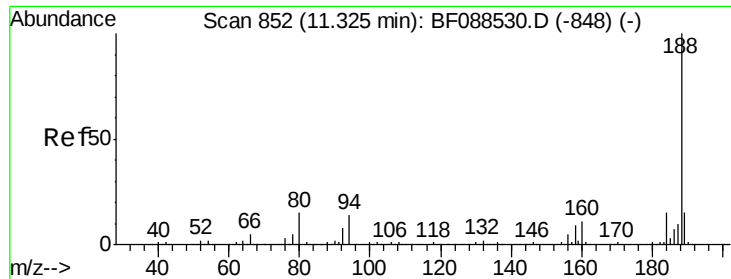
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#62
Azobenzene
Concen: 46.37 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.4	44.4
105	23.0	3.8	43.8
51	26.5	9.3	49.3





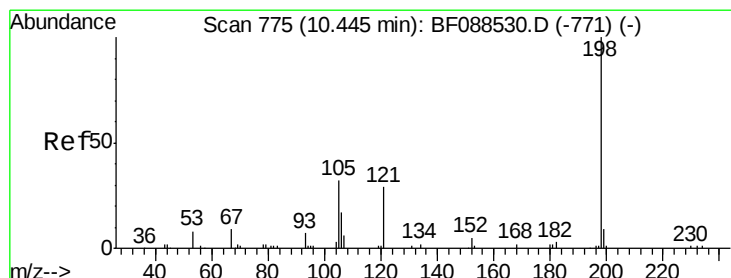
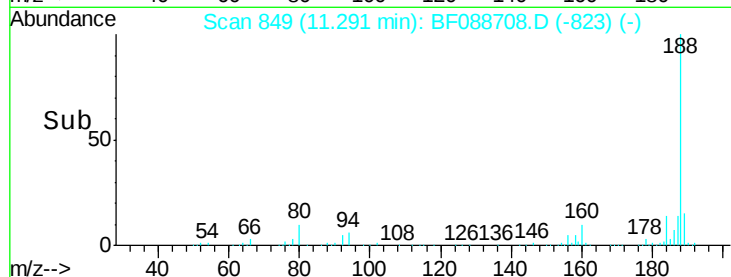
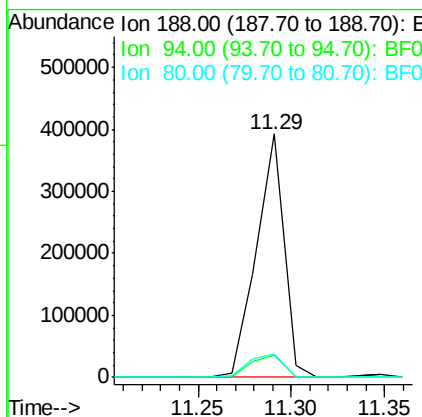
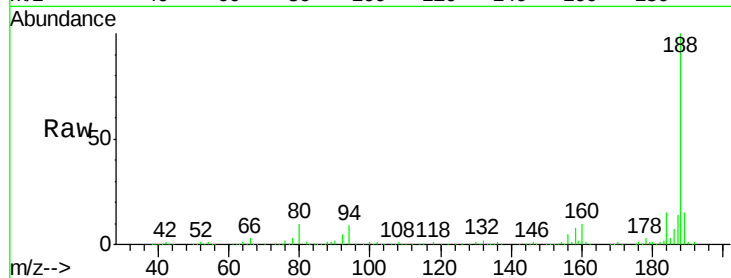
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampled :
PB91867BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	402043		
94	9.0	9.0	13.6#	
80	9.9	10.0	15.0#	

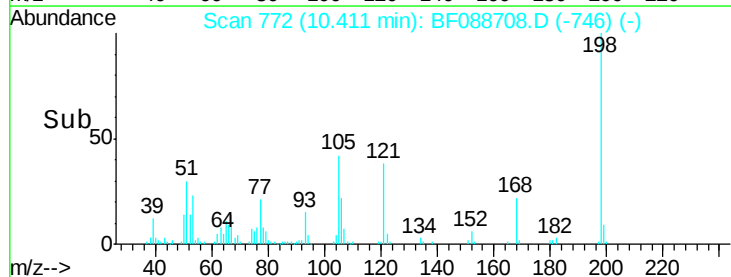
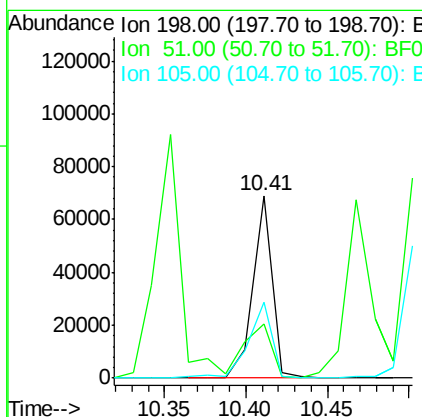
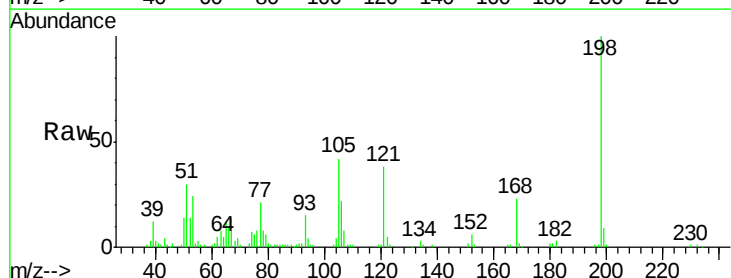
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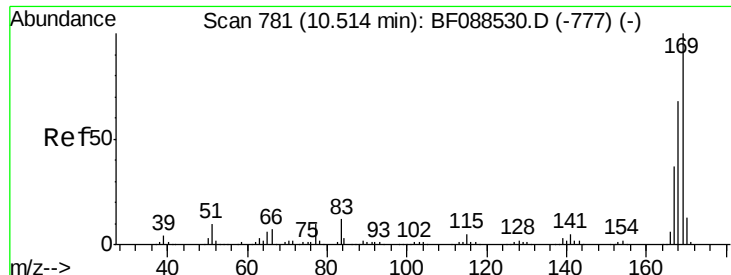
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.38 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56729		
51	30.0	39.6	79.6#	
105	41.6	36.6	76.6	





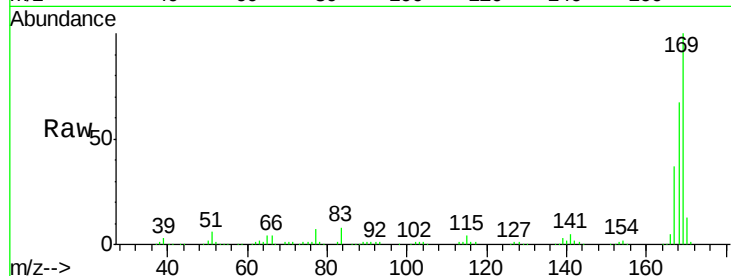
#65
 n-Nitrosodiphenylamine
 Concen: 39.93 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleID :
 PB91867BS

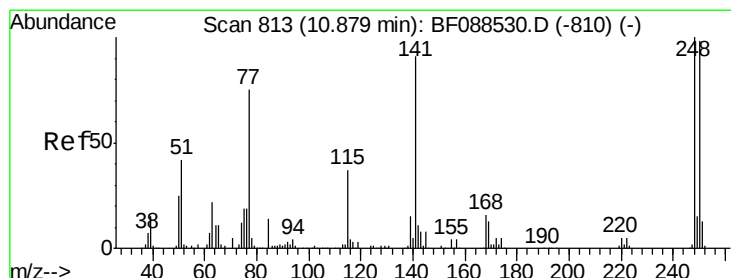
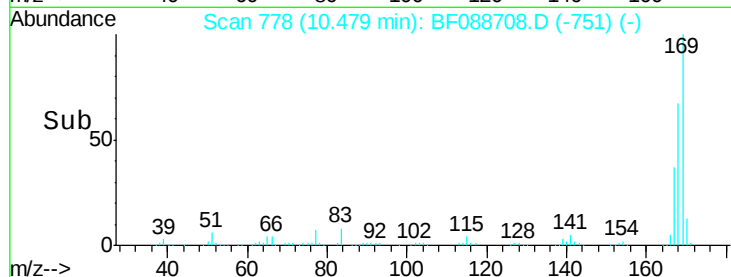
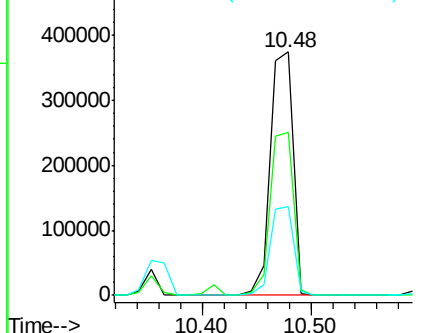
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.0
167	36.5	29.4	44.0

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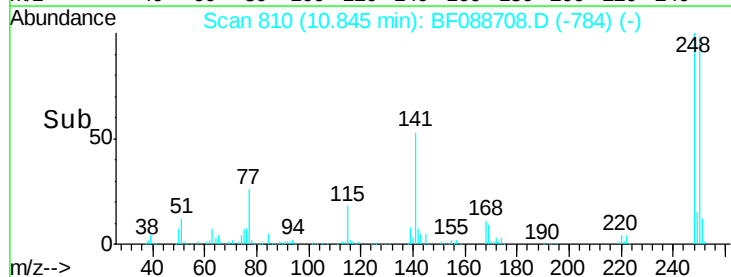
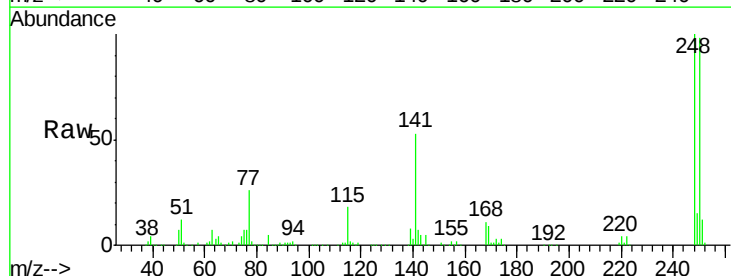
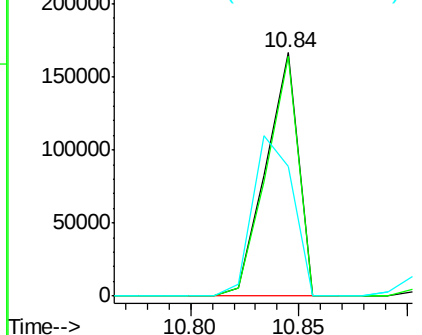
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

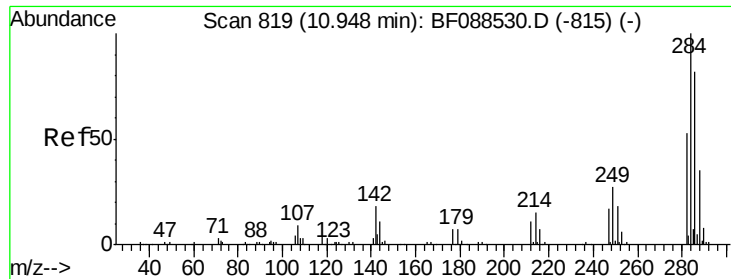


#66
 4-Bromophenyl-phenylether
 Concen: 43.20 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.1	115.7
141	53.1	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





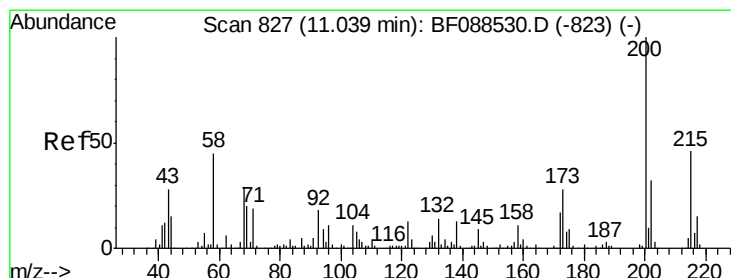
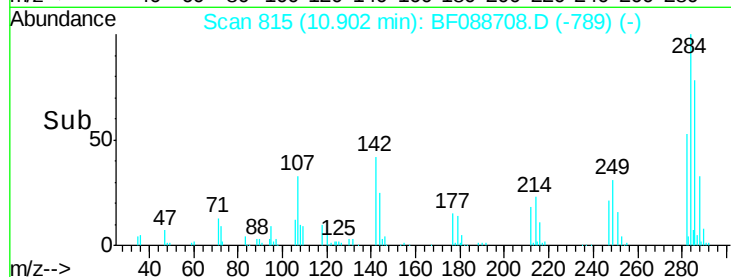
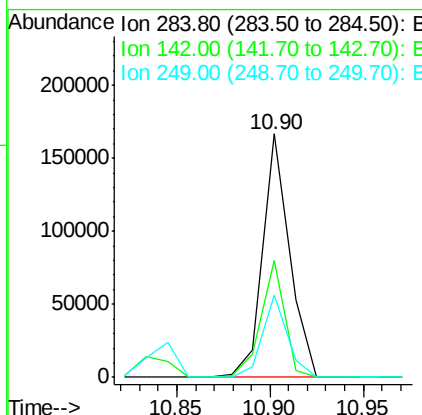
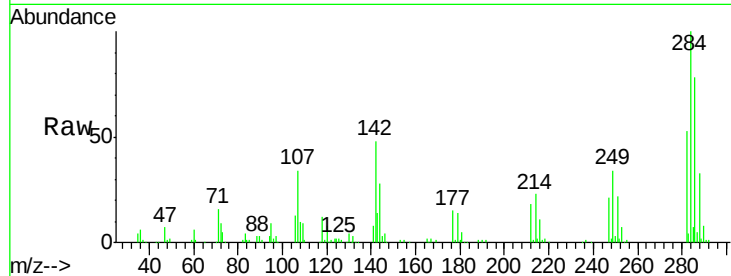
#67
Hexachlorobenzene
Concen: 36.72 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	164666		
142	47.9	35.8	53.8	
249	33.7	25.8	38.6	

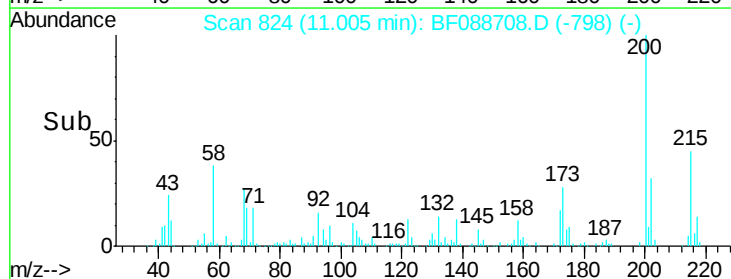
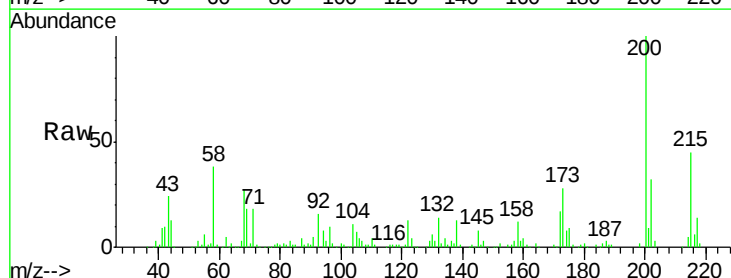
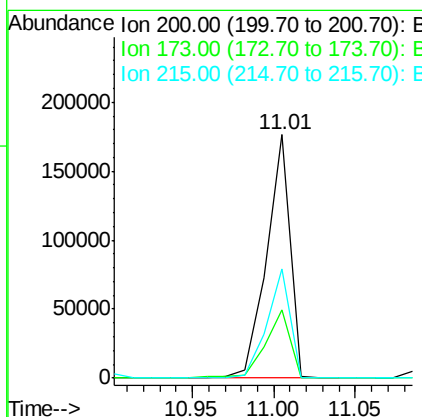
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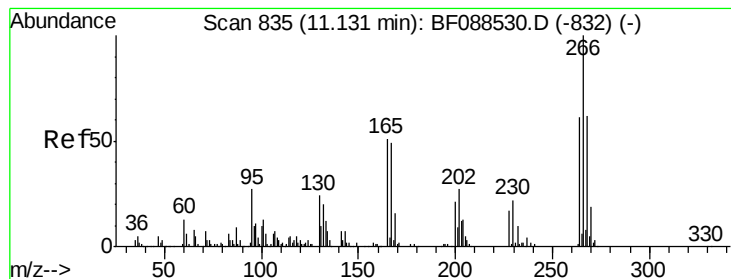
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#68
Atrazine
Concen: 41.67 ng
RT: 11.01 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176688		
173	28.0	4.0	44.0	
215	45.1	29.3	69.3	





#69

Pentachlorophenol

Concen: 52.53 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

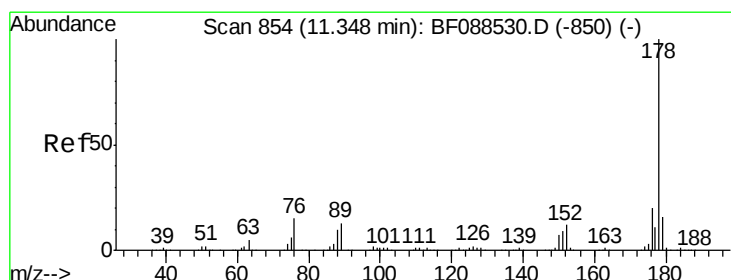
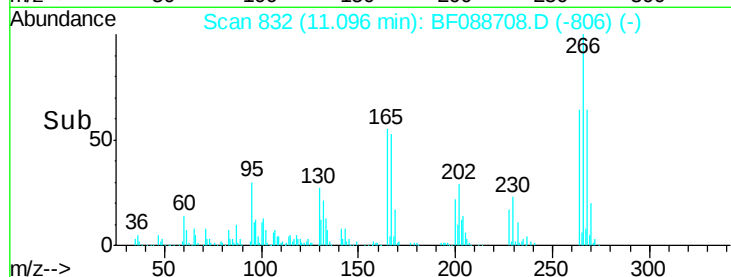
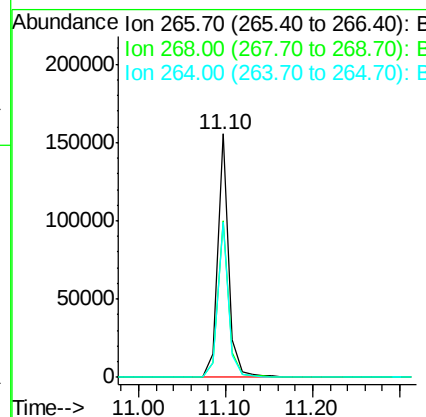
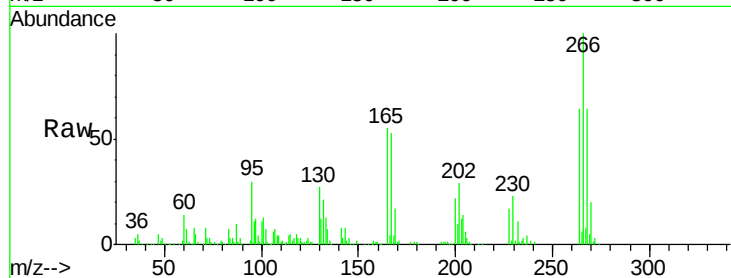
ClientSampleId :

PB91867BS

Tot Ion:	266	Resp:	139416
Ion Ratio		Lower	Upper
266	100		
268	64.2	52.8	79.2
264	63.5	49.6	74.4

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#70

Phenanthrene

Concen: 37.13 ng

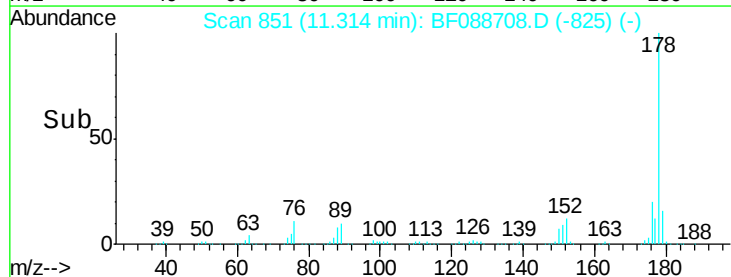
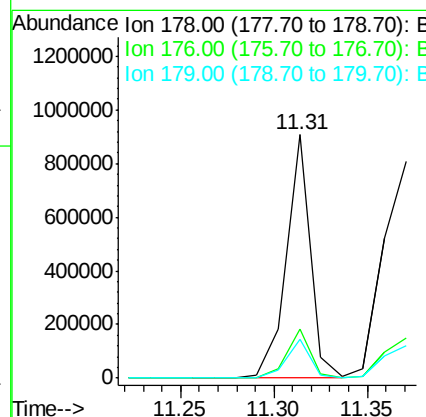
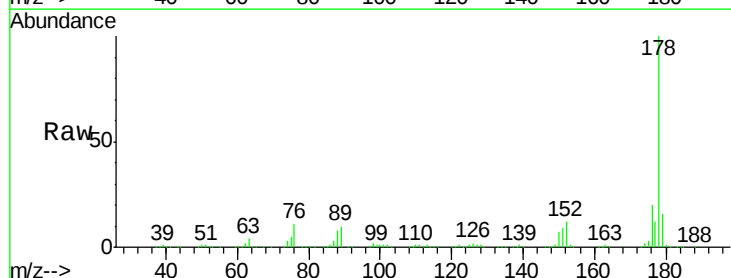
RT: 11.31 min Scan# 851

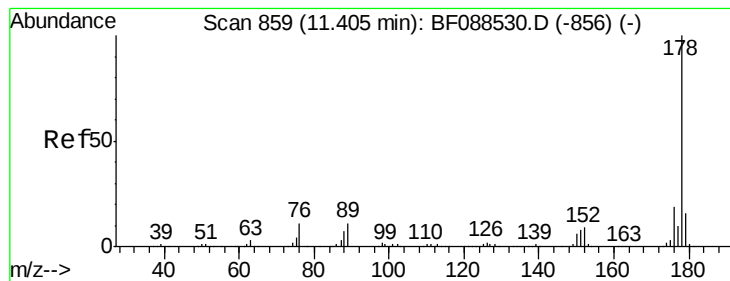
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	178	Resp:	816089
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.8	23.6
179	15.8	13.0	19.4





#71

Anthracene

Concen: 43.12 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tot Ion:178 Resp: 942223

Ion Ratio Lower Upper

178 100

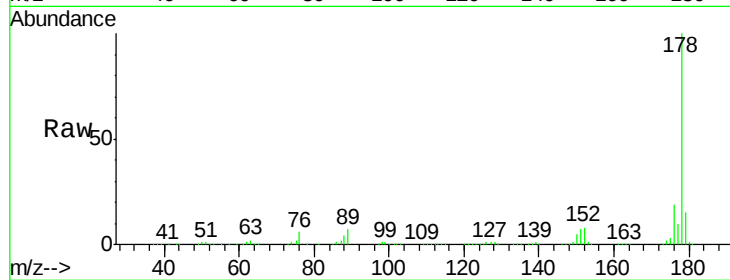
176 18.7 15.6 23.4

179 15.2 12.8 19.2

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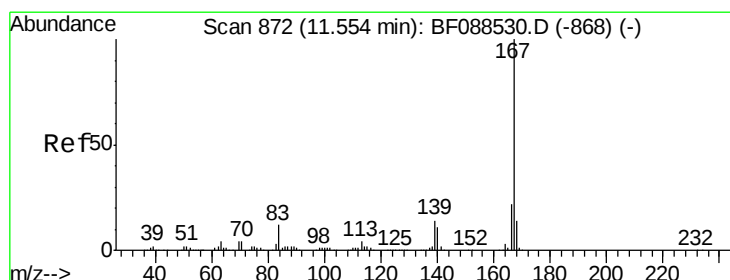
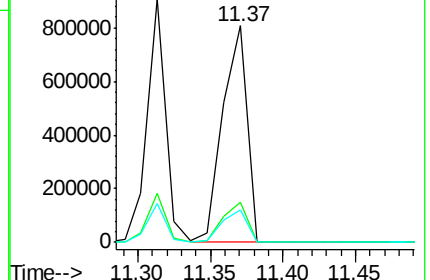
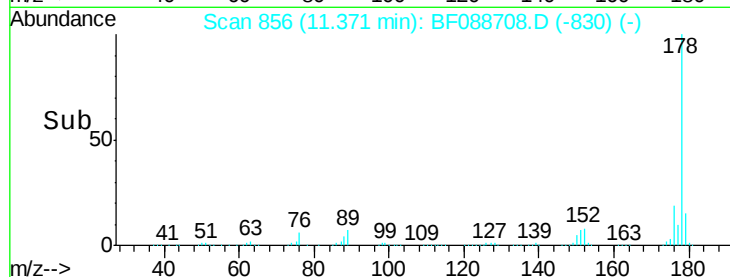
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.69 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

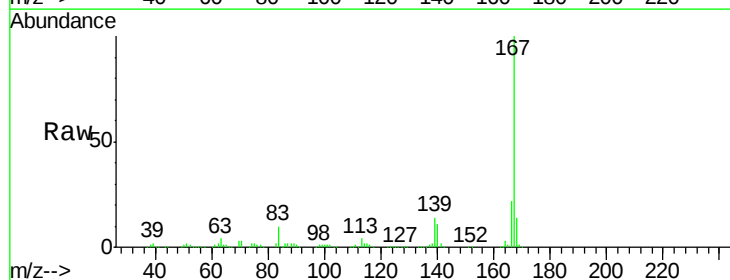
Tgt Ion:167 Resp: 795696

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

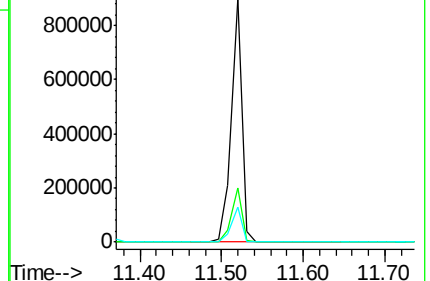
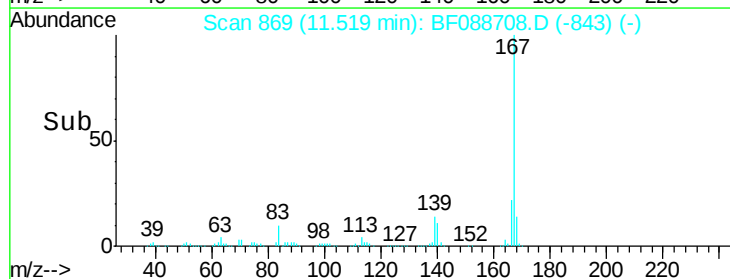
139 14.4 11.2 16.8

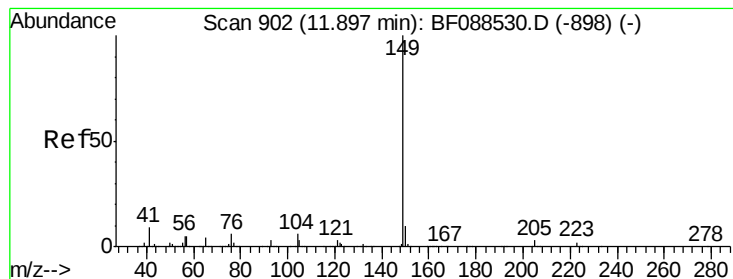


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.75 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tot Ion:149 Resp: 1070532

Ion Ratio Lower Upper

149 100

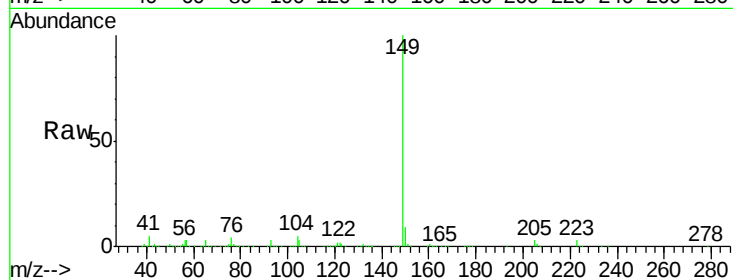
150 9.3 7.8 11.6

104 4.9 4.0 6.0

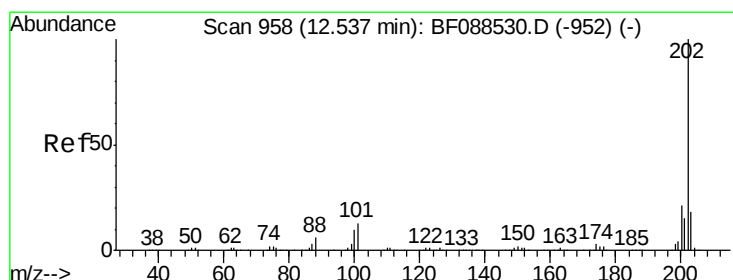
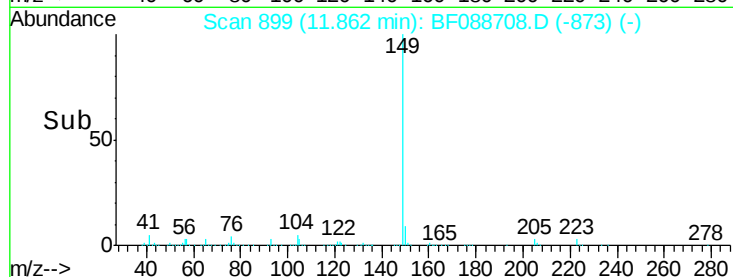
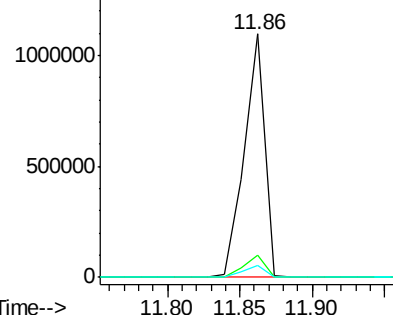
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.76 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

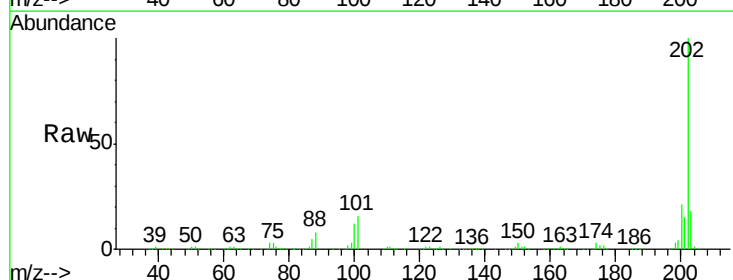
Tgt Ion:202 Resp: 841381

Ion Ratio Lower Upper

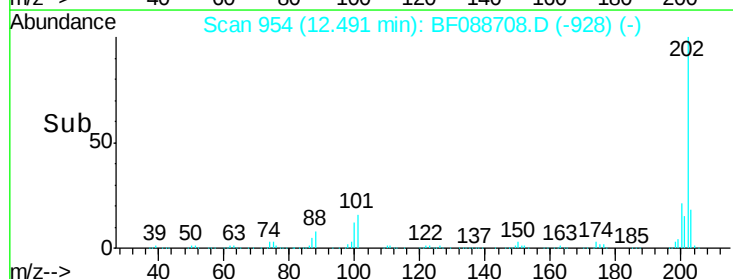
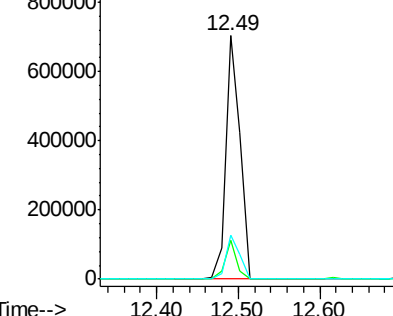
202 100

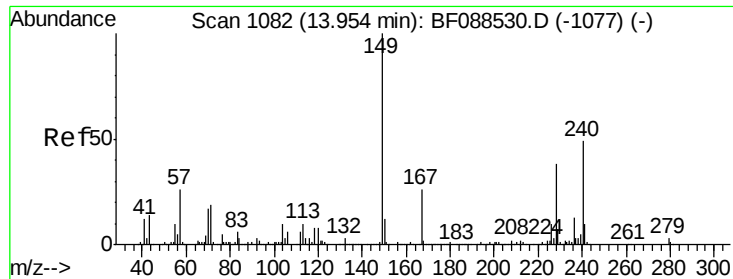
101 16.1 0.0 33.1

203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

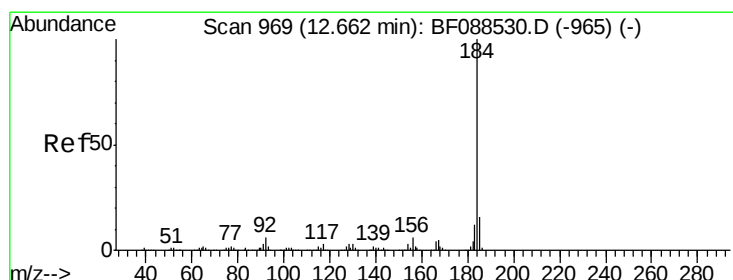
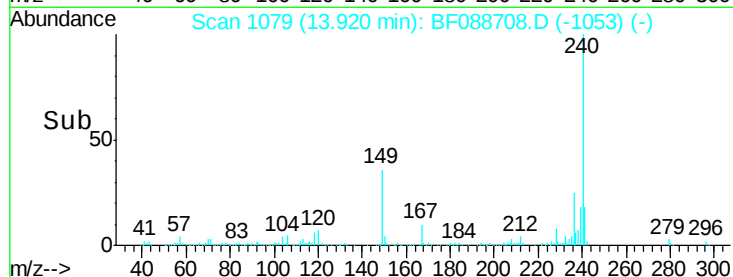
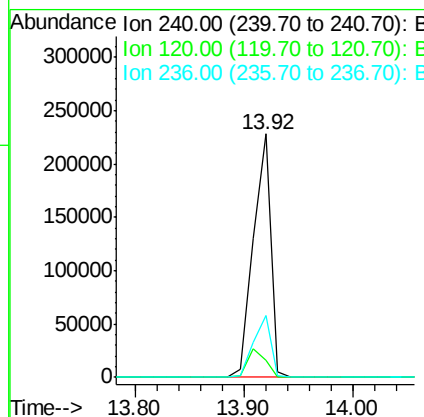
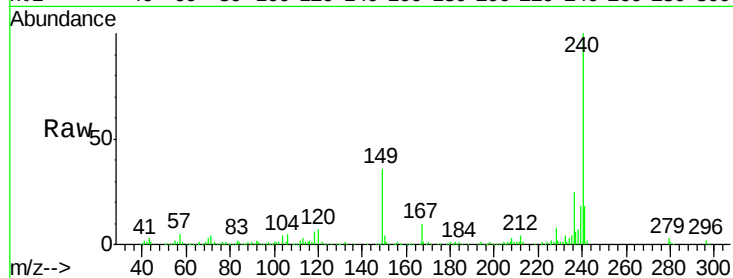
ClientSampleId :

PB91867BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.3	20.2	30.2

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#76

Benzidine

Concen: 43.54 ng

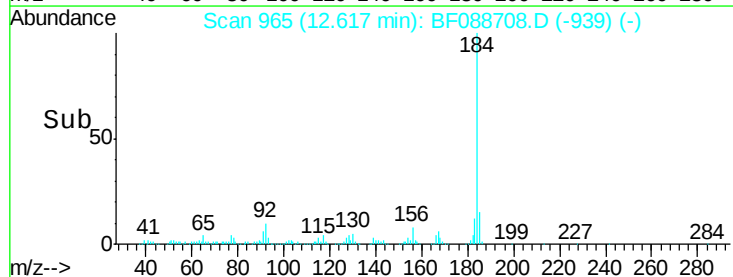
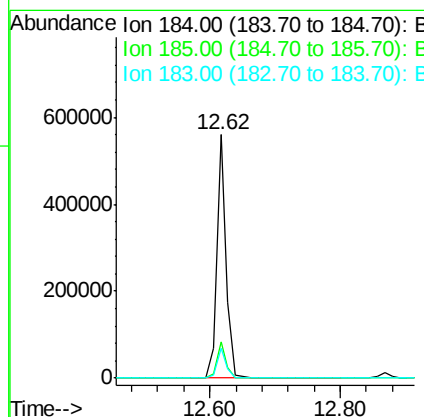
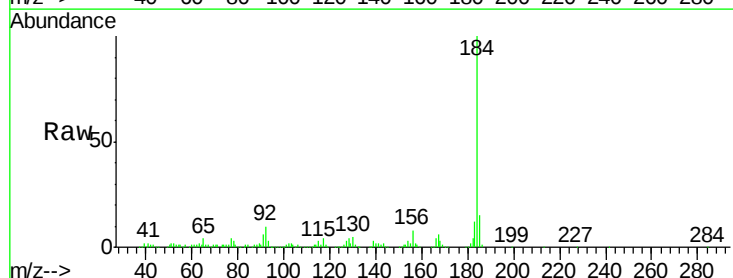
RT: 12.62 min Scan# 965

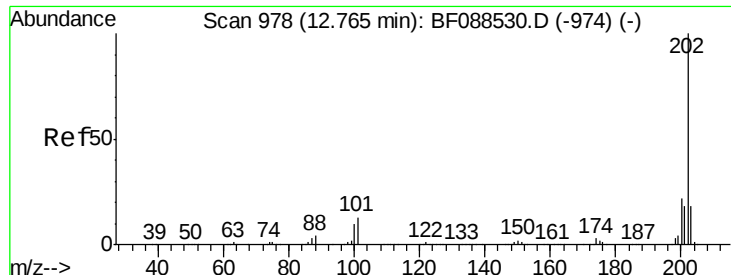
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.5	18.7
183	12.1	9.3	13.9





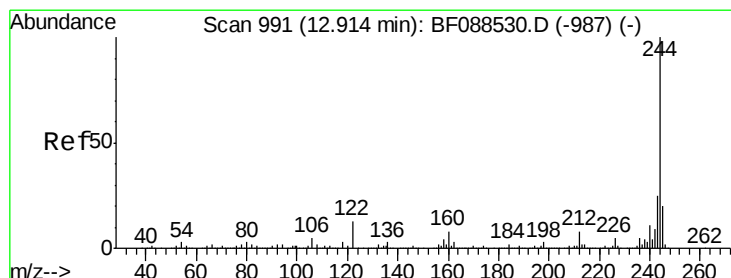
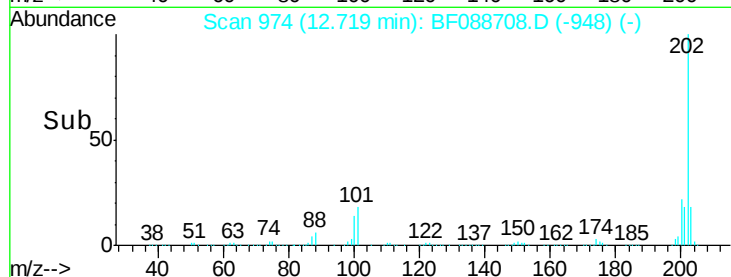
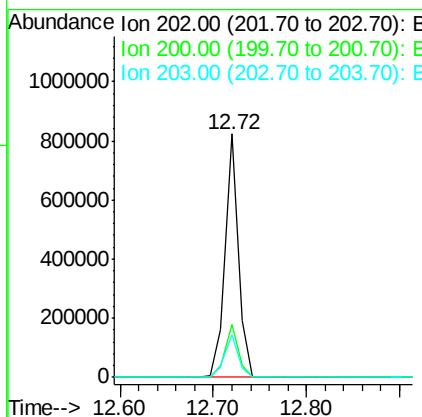
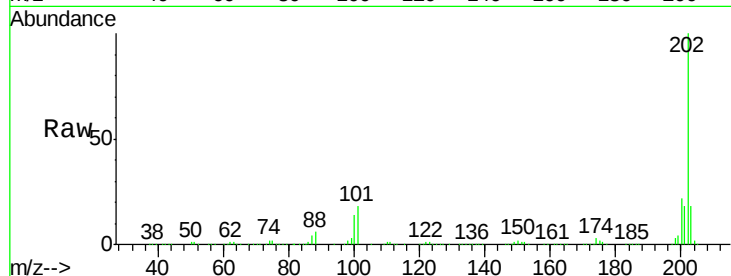
#77
Pvrene
Concen: 37.35 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampled :
PB91867BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.5	21.7

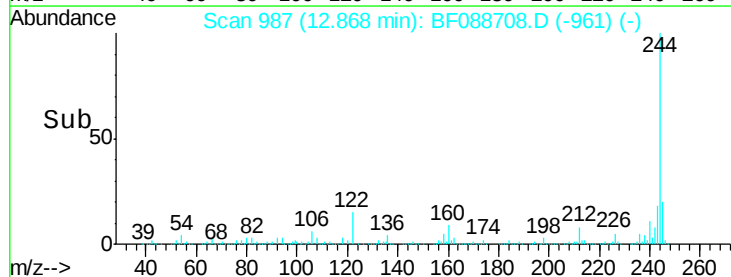
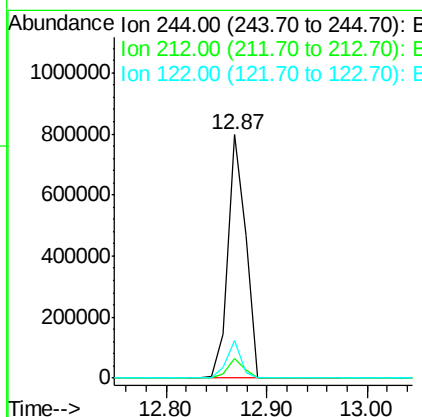
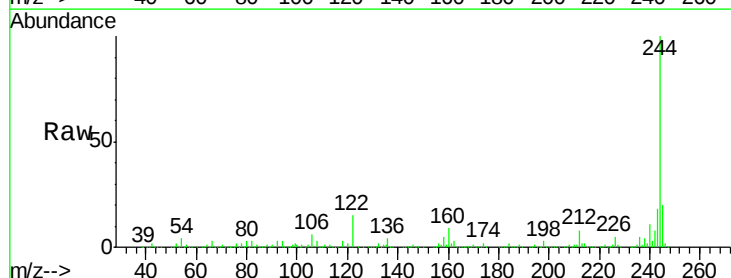
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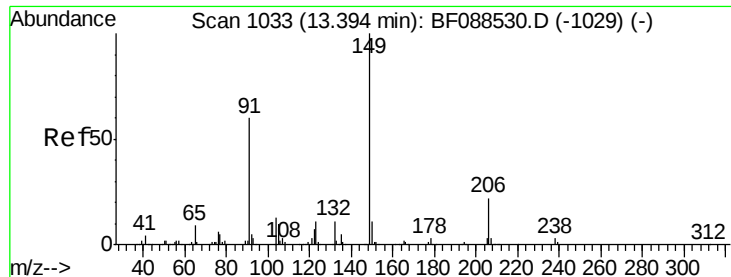
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#78
Terphenyl-d14
Concen: 84.50 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.2	11.2	16.8





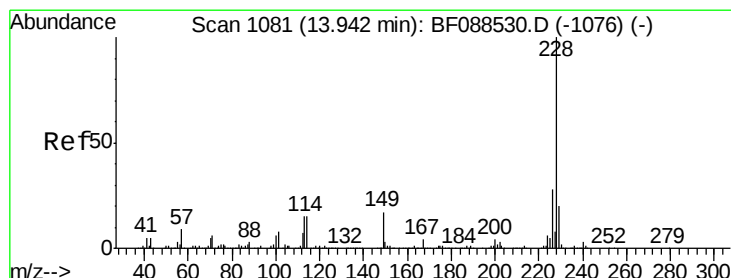
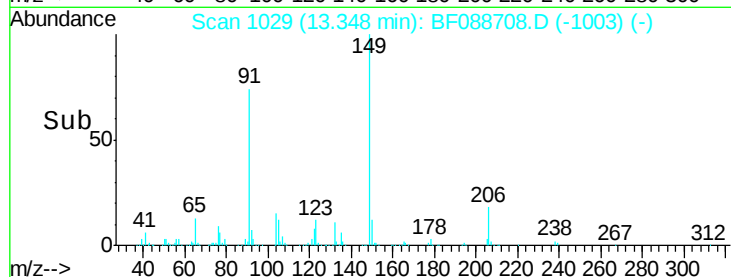
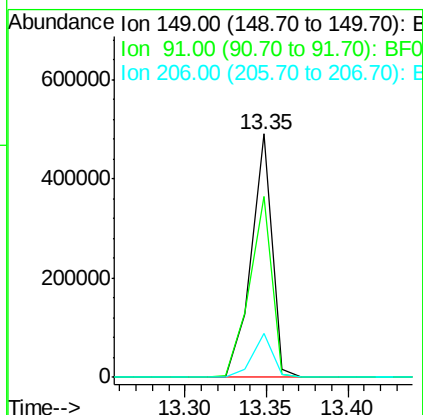
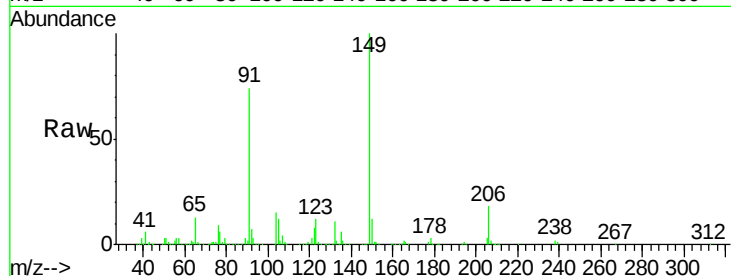
#79
Butylbenzylphthalate
Concen: 44.90 ng
RT: 13.35 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	48.0	72.0#
206	17.9	16.0	24.0

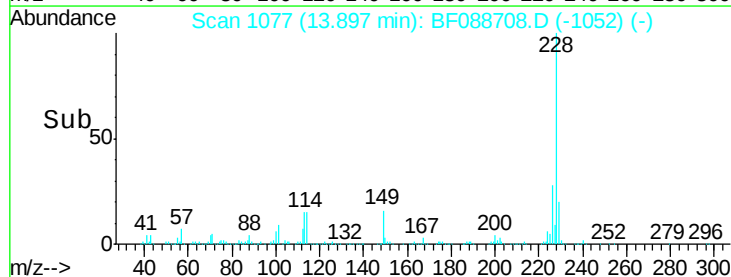
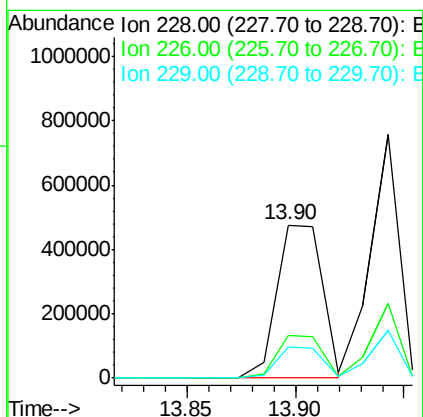
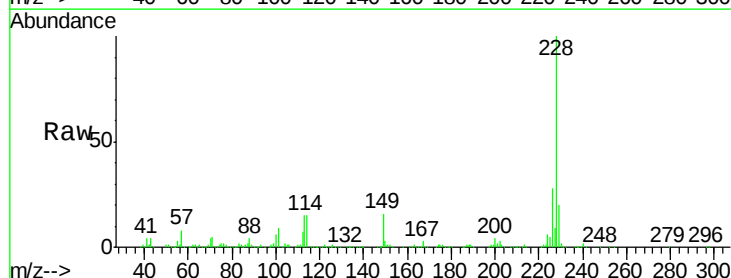
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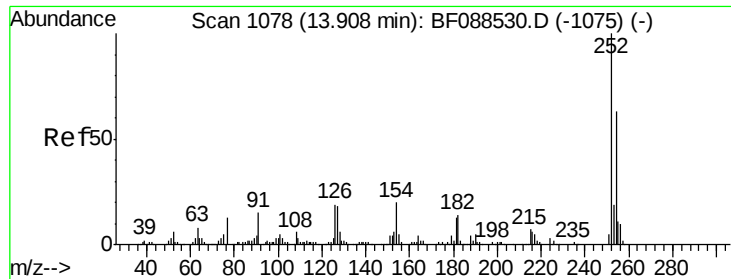
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#80
Benzo(a)anthracene
Concen: 42.16 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.1	16.0	24.0





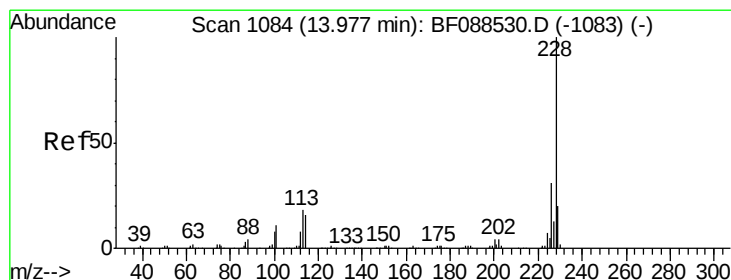
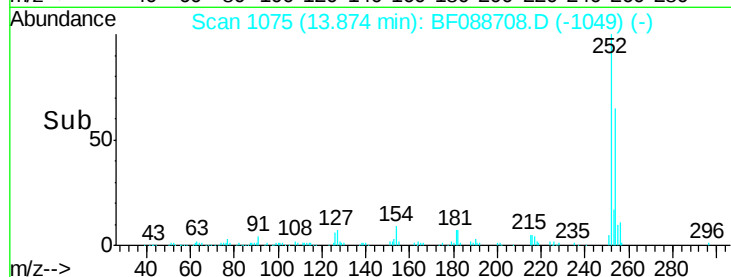
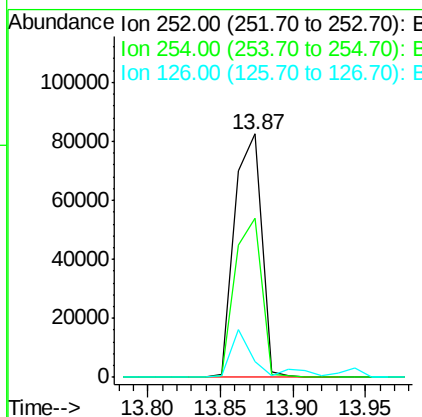
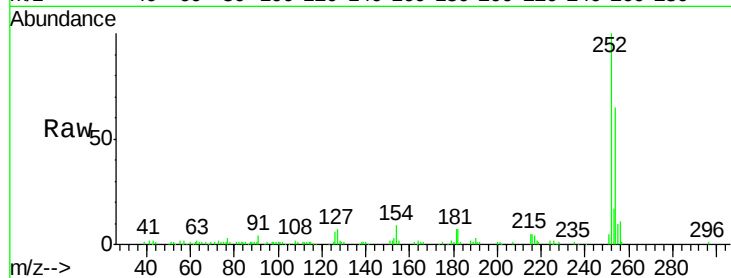
#81
 3,3'-Dichlorobenzidine
 Concen: 17.22 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampled :
 PB91867BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	6.3	6.2	9.2

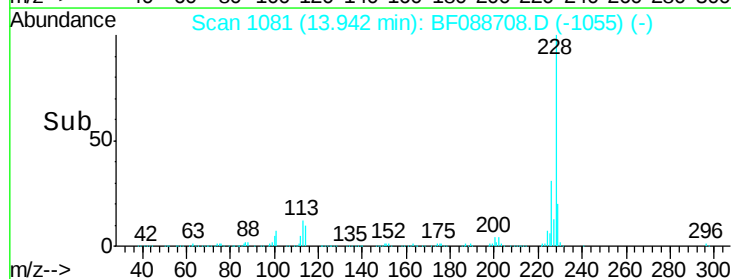
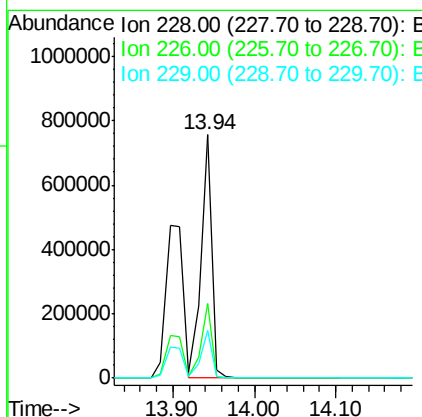
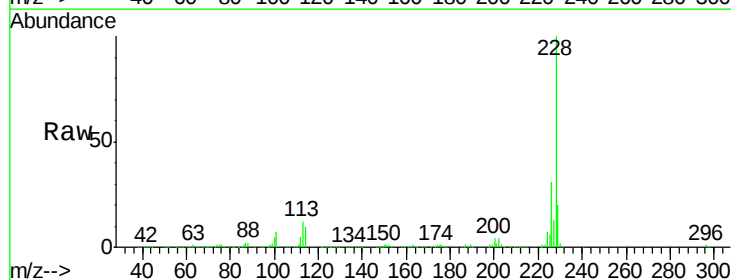
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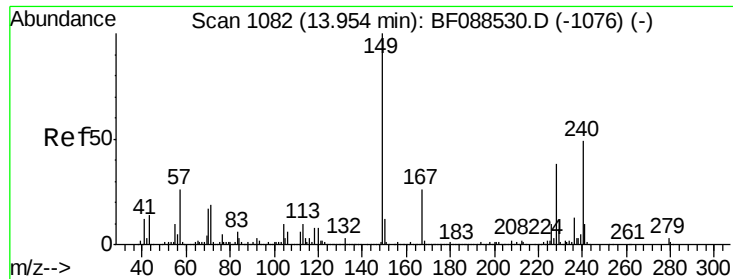
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#82
 Chrysene
 Concen: 42.58 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	19.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.52 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

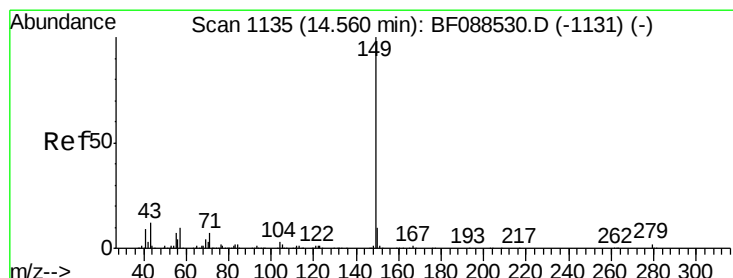
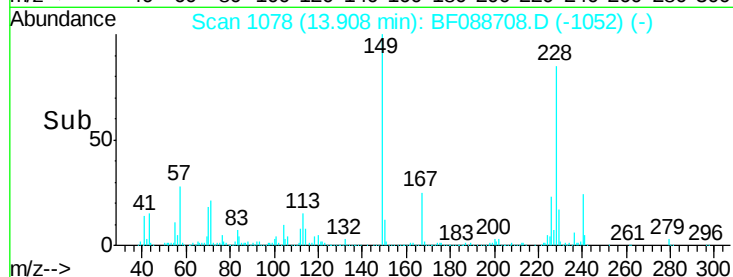
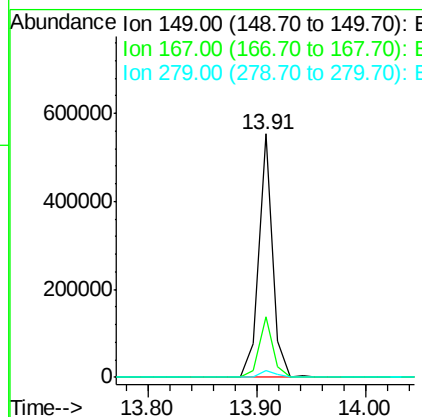
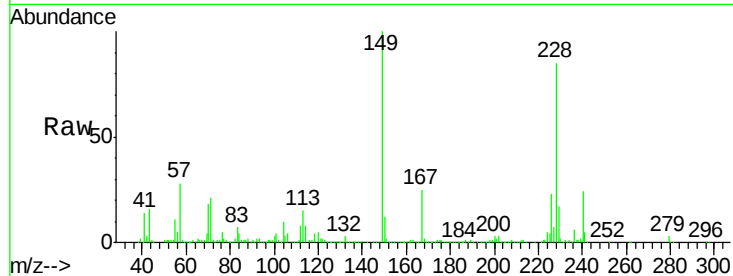
ClientSampleId :

PB91867BS

Tot Ion:	149	Resp:	493551
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.5	30.7
279	2.6	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.53 ng

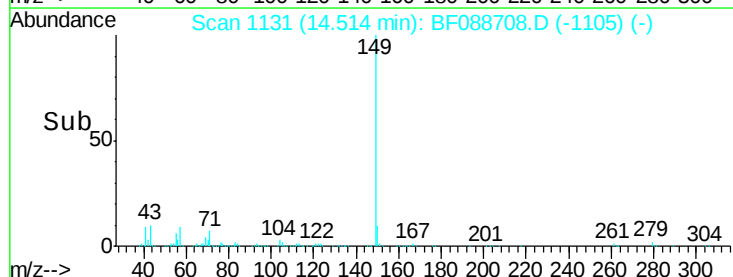
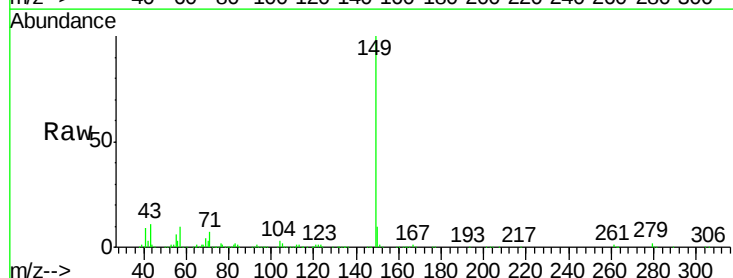
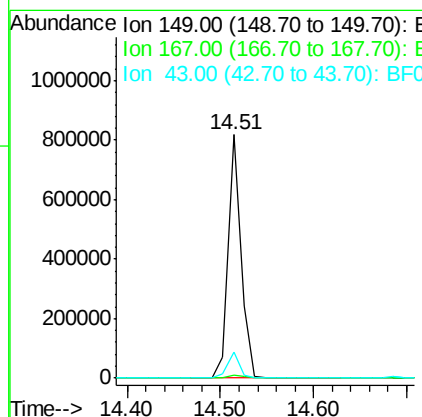
RT: 14.51 min Scan# 1131

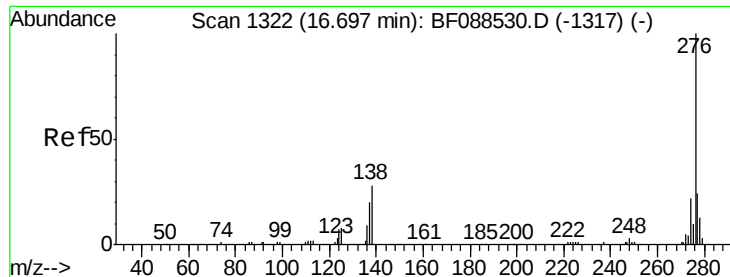
Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	149	Resp:	782154
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#





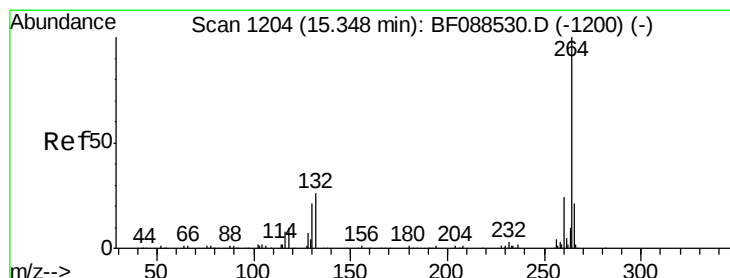
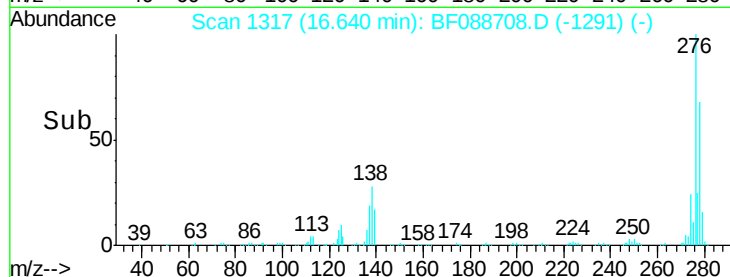
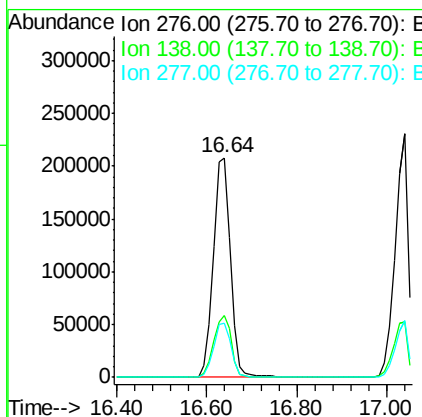
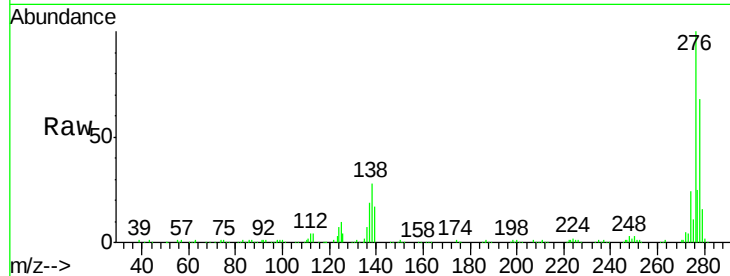
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.22 ng
RT: 16.64 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	25.3	0.0	0.0#

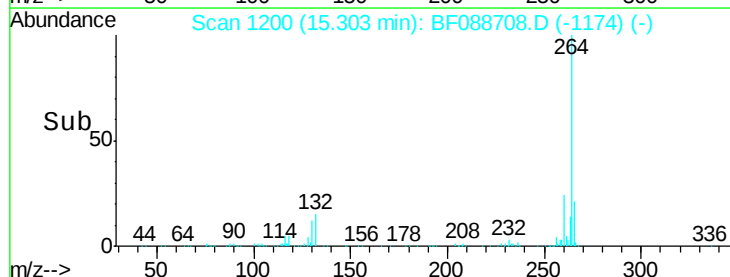
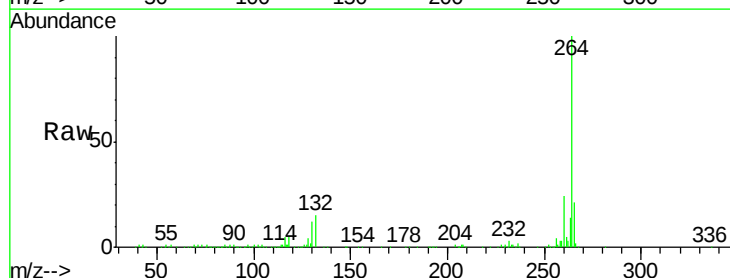
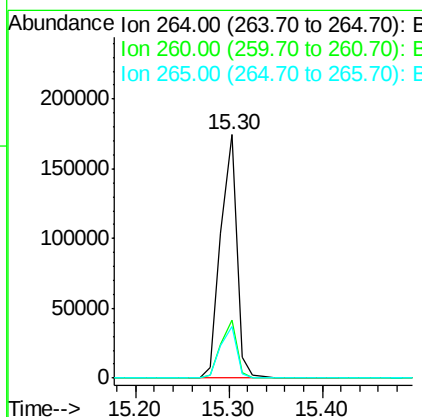
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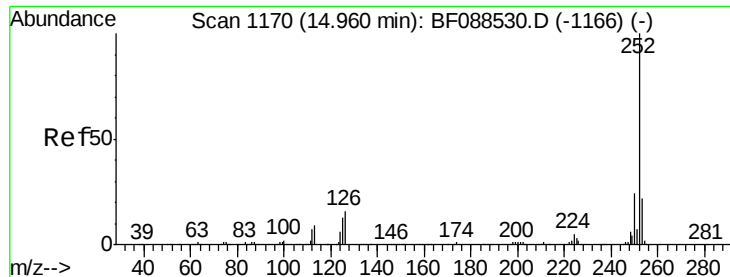
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 44.58 ng m

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

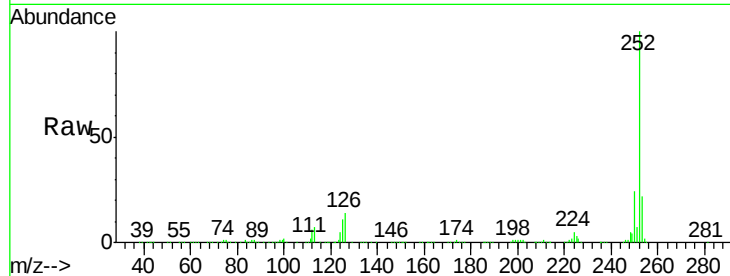
ClientSampleId :

PB91867BS

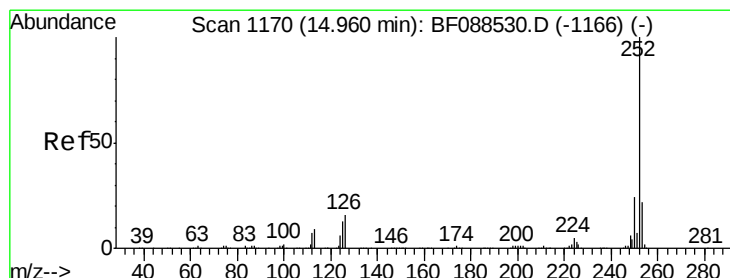
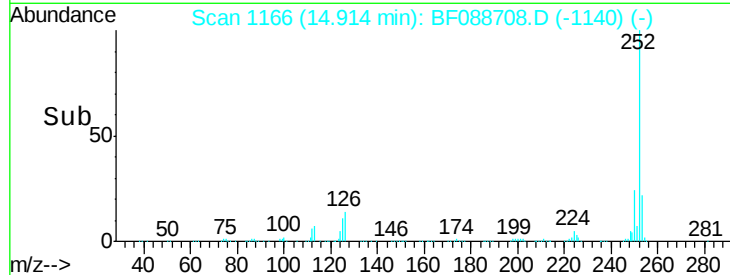
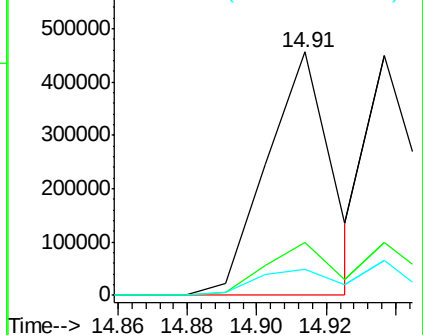
Tot Ion:	252	Resp:	589246
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	10.8	7.1	10.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.63 ng m

RT: 14.94 min Scan# 1168

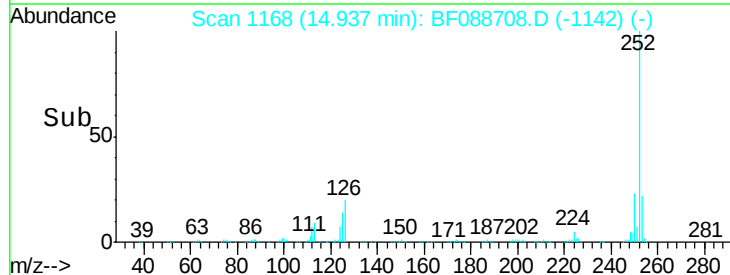
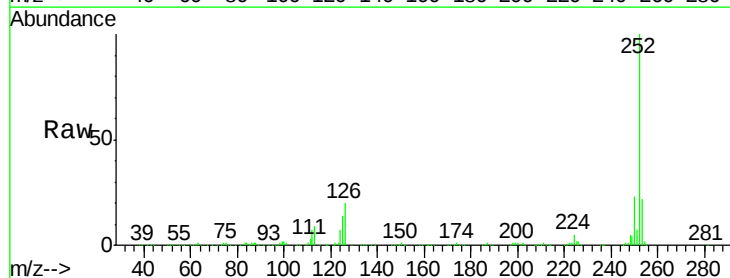
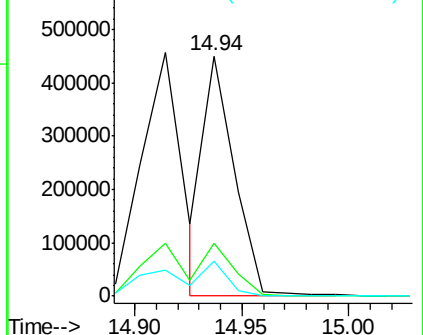
Delta R.T. 0.00 min

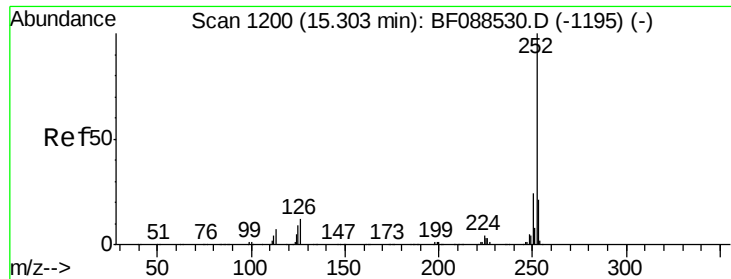
Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:	252	Resp:	456040
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	14.4	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





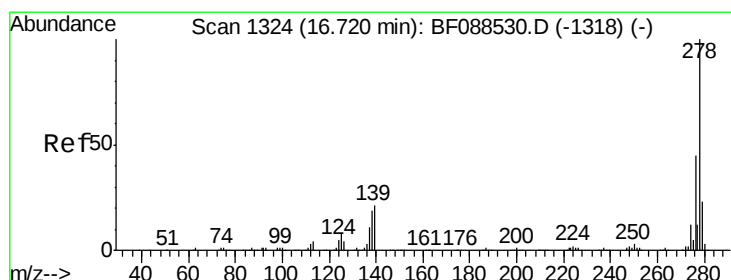
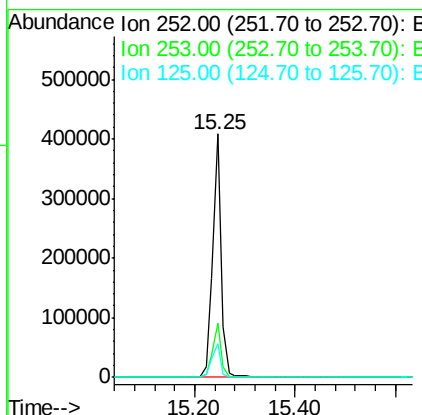
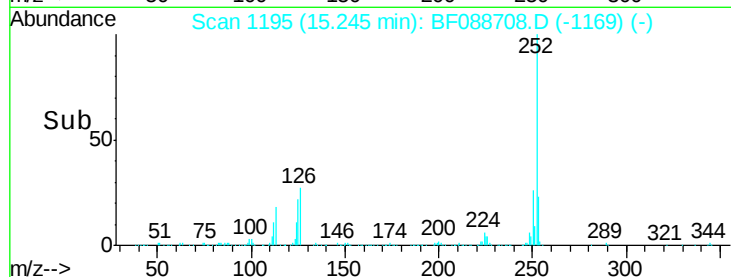
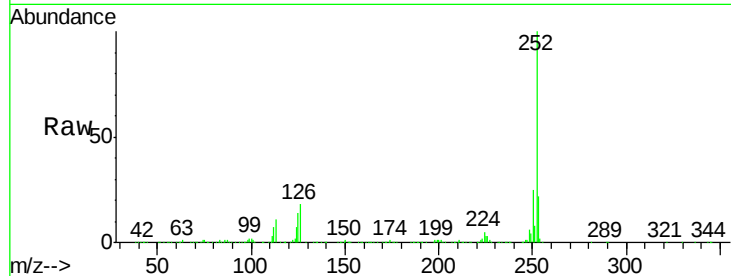
#89
Benzo(a)pyrene
Concen: 42.96 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampled :
PB91867BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.9	12.5	18.7

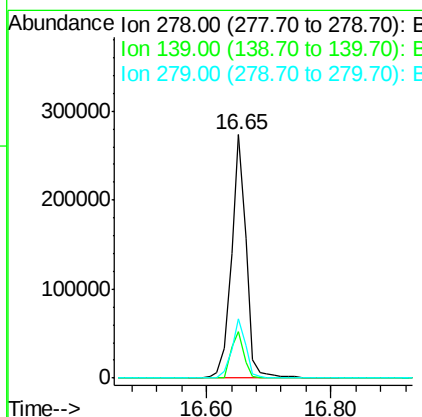
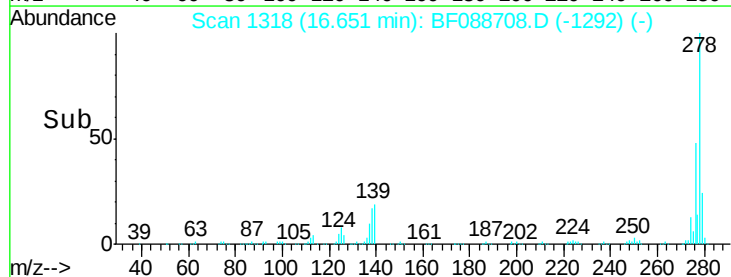
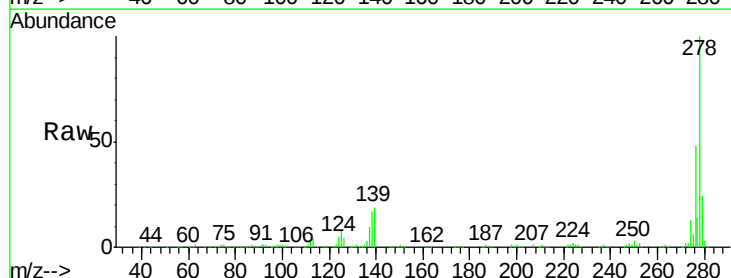
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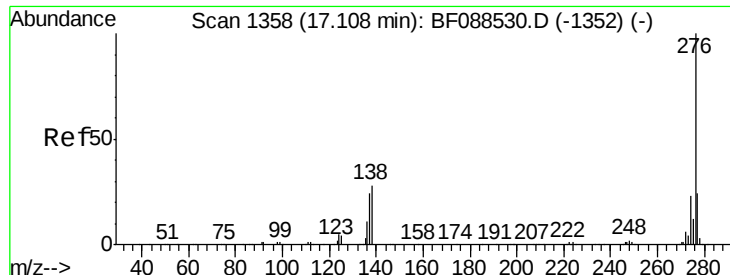
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#90
Dibenzo(a,h)anthracene
Concen: 48.27 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.7	23.5
279	24.4	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 49.72 ng

RT: 17.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tot Ion: 276 Resp: 480875

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.6 21.4 32.2

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