

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088711.D
 Acq On : 5 Jul 2016 19:11
 Operator : UM/SJ
 Sample : PB91760BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Quant Time: Jul 06 02:01:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	106847	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	430751	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210665	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	397690	20.00	ng	0.00
75) Chrysene-d12	13.92	240	248932	20.00	ng	0.00
86) Perylene-d12	15.30	264	199232	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	702437	98.53	ng	0.01
7) Phenol-d6	6.42	99	992380	107.73	ng	0.01
23) Nitrobenzene-d5	7.35	82	713113	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	280866	143.57	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1183722	88.76	ng	0.00
78) Terphenyl-d14	12.87	244	986341	88.25	ng	0.00

7/6/2016 7:19:18 PM

Target Compounds

						Qvalue
3) Pyridine	3.08	79	292730	28.54	ng	92
4) n-Nitrosodimethylamine	3.04	42	125205	31.95	ng	88
6) Aniline	6.43	93	333015	24.81	ng	# 1
8) 2-Chlorophenol	6.56	128	285640	37.28	ng	96
9) Benzaldehyde	6.32	77	243865	39.08	ng	87
10) Phenol	6.43	94	421087	40.05	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	263327	33.59	ng	93
12) 1,3-Dichlorobenzene	6.72	146	315364	37.40	ng	97
13) 1,4-Dichlorobenzene	6.80	146	303863	36.31	ng	96
14) 1,2-Dichlorobenzene	6.95	146	302462m	38.61	ng	
15) Benzyl Alcohol	6.92	79	288989	42.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	344147	30.31	ng	90
17) 2-Methylphenol	7.04	107	250613	40.09	ng	96
18) Hexachloroethane	7.29	117	124456	38.44	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	210054	33.95	ng	91
20) 3+4-Methylphenols	7.20	107	326686	43.55	ng	89
22) Acetophenone	7.19	105	416955	39.88	ng	# 88
24) Nitrobenzene	7.36	77	314274	37.92	ng	# 83
25) Isophorone	7.60	82	631122	41.45	ng	95
26) 2-Nitrophenol	7.68	139	169197	49.79	ng	93
27) 2,4-Dimethylphenol	7.72	122	299679	42.34	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	370705	37.41	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	239335	41.84	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	258056	41.11	ng	98
31) Naphthalene	8.08	128	842463	39.67	ng	100
32) Benzoic acid	7.80	122	43269	8.42	ng	91
33) 4-Chloroaniline	8.14	127	189672	20.07	ng	# 92
34) Hexachlorobutadiene	8.20	225	137208	40.82	ng	98
35) Caprolactam	8.50	113	81517m	41.96	ng	
36) 4-Chloro-3-methylphenol	8.62	107	297197	43.93	ng	90
37) 2-Methylnaphthalene	8.78	142	598910	43.80	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	234964	33.53	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	269958	78.50	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	179498	38.85	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

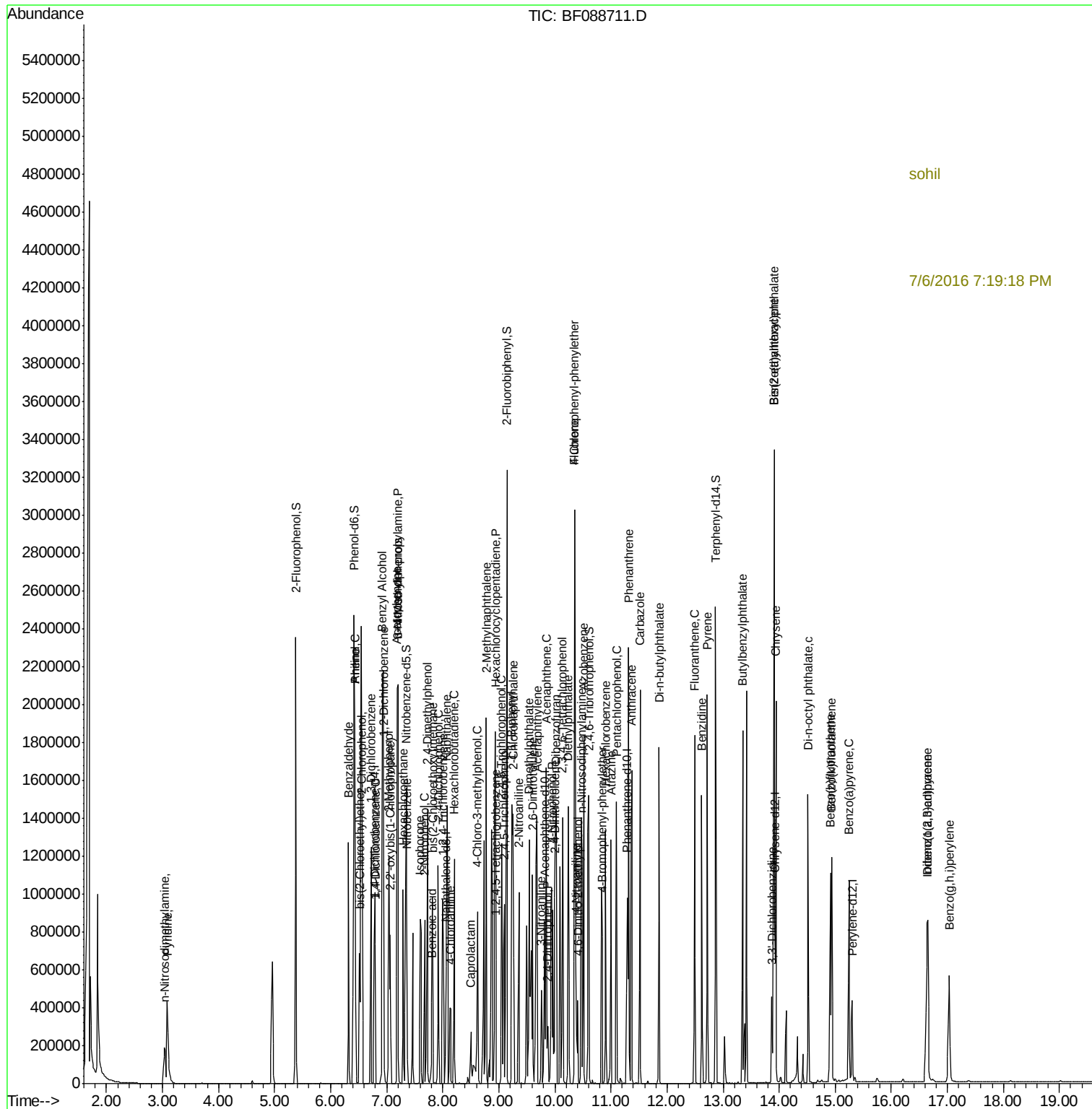
43) 2,4,5-Trichlorophenol	9.10	196	189061	47.57	nq	99
45) 1,1'-Biphenyl	9.23	154	670766	38.45	nq	98
46) 2-Chloronaphthalene	9.26	162	518120	37.83	nq	96
47) 2-Nitroaniline	9.36	65	207140	42.62	nq	# 82
48) Acenaphthylene	9.68	152	917529	42.11	nq	99
49) Dimethylphthalate	9.54	163	608550	40.55	nq	99
50) 2,6-Dinitrotoluene	9.60	165	134419	40.41	nq	# 47
51) Acenaphthene	9.85	154	557529	41.74	nq	99
52) 3-Nitroaniline	9.76	138	90642	21.44	nq	84
53) 2,4-Dinitrophenol	9.87	184	47958	32.65	nq	# 80
54) Dibenzofuran	10.02	168	800242	45.77	nq	95
55) 4-Nitrophenol	9.94	139	280281	87.22	nq	# 80
56) 2,4-Dinitrotoluene	10.00	165	181757	41.79	nq	# 39
57) Fluorene	10.35	166	548306	40.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	145605	47.35	nq	# 47
59) Diethylphthalate	10.24	149	627914	41.69	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	261233	41.73	nq	96
61) 4-Nitroaniline	10.38	138	151505	37.23	nq	85
62) Azobenzene	10.51	77	788709	45.91	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	59863	28.14	nq	# 75
65) n-Nitrosodiphenylamine	10.48	169	542076	40.27	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	170799	42.62	nq	93
67) Hexachlorobenzene	10.90	284	164840	37.16	nq	95
68) Atrazine	11.00	200	186228	44.40	nq	93
69) Pentachlorophenol	11.10	266	145533	55.43	nq	97
70) Phenanthrene	11.31	178	816060	37.54	nq	99
71) Anthracene	11.37	178	919733	42.55	nq	99
72) Carbazole	11.52	167	758127	37.26	nq	99
73) Di-n-butylphthalate	11.86	149	1068253	45.14	nq	99
74) Fluoranthene	12.49	202	816764	37.06	nq	97
76) Benzidine	12.62	184	539523	42.88	nq	98
77) Pyrene	12.72	202	810971	38.42	nq	100
79) Butylbenzylphthalate	13.35	149	415034	44.08	nq	# 83
80) Benzo(a)anthracene	13.91	228	686436	42.82	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	130284	21.62	nq	100
82) Chrysene	13.94	228	672942	42.43	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	483694	45.00	nq	98
84) Di-n-octyl phthalate	14.51	149	758143	41.52	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	550589	45.13	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	552901m	44.24	nq	
88) Benzo(k)fluoranthene	14.94	252	451014m	41.45	nq	
89) Benzo(a)pyrene	15.25	252	470021	44.42	nq	97
90) Dibenzo(a,h)anthracene	16.65	278	447540	50.65	nq	99
91) Benzo(g,h,i)perylene	17.04	276	467546	51.13	nq	96

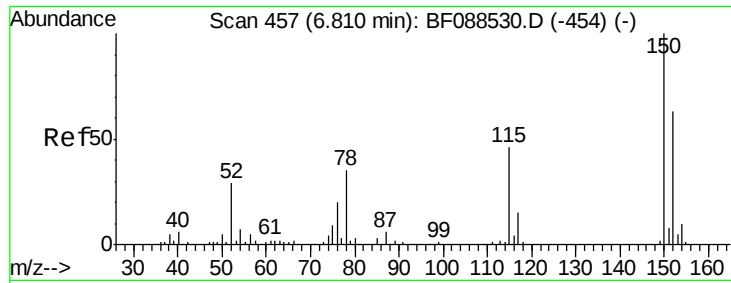
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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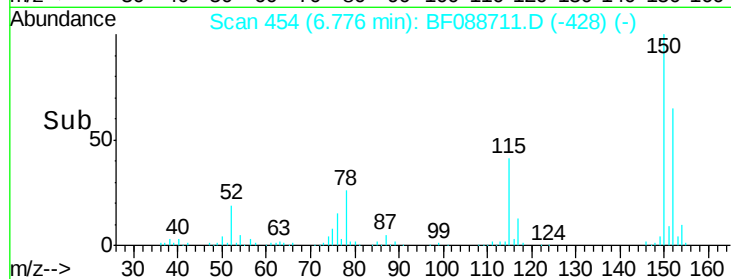
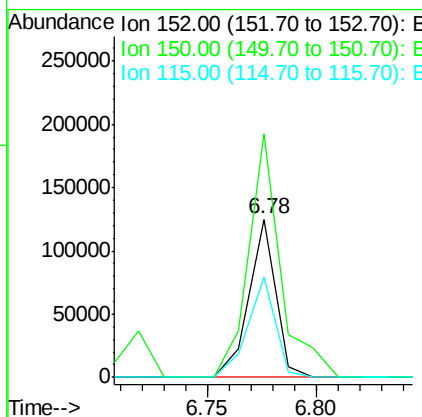
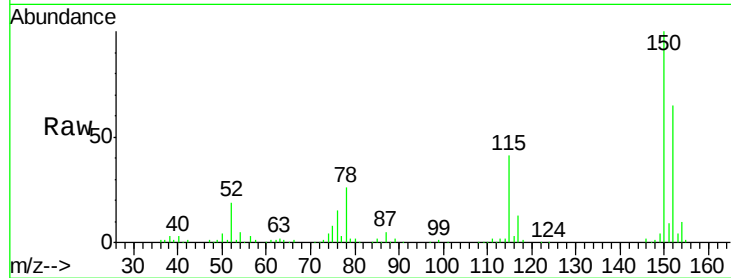




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

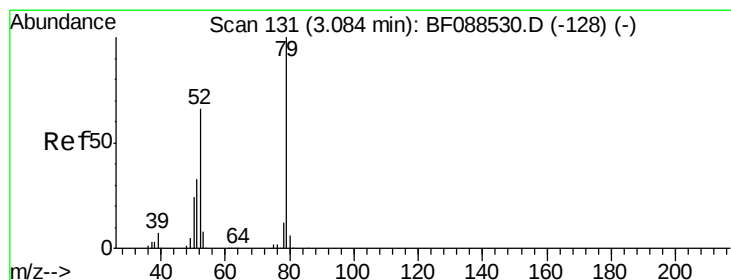
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion:152 Resp: 106847
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.8 185.6
 115 63.7 39.6 59.4#



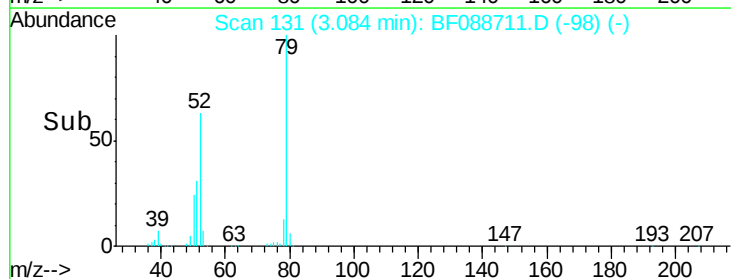
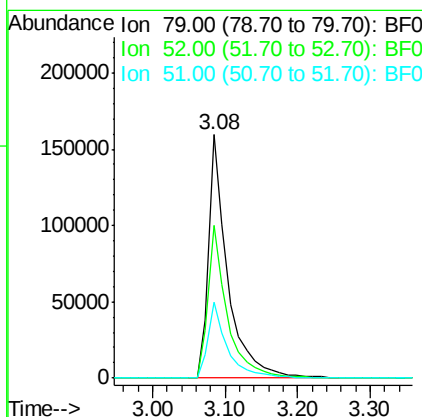
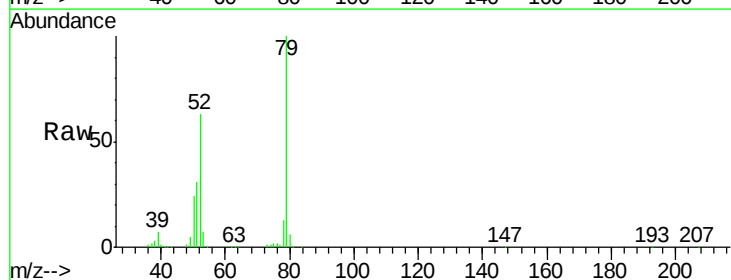
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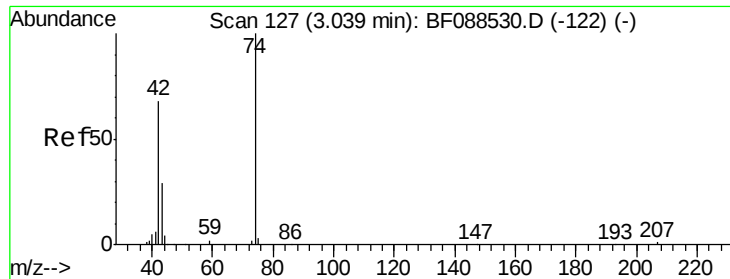
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#3
 Pyridine
 Concen: 28.54 ng
 RT: 3.08 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 79 Resp: 292730
 Ion Ratio Lower Upper
 79 100
 52 63.0 56.3 84.5
 51 31.0 27.4 41.2



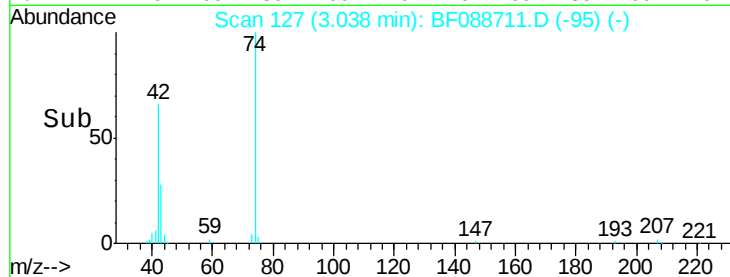
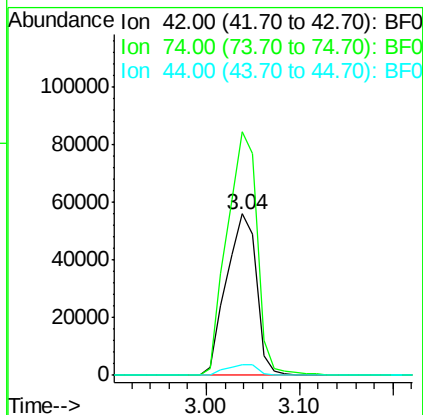
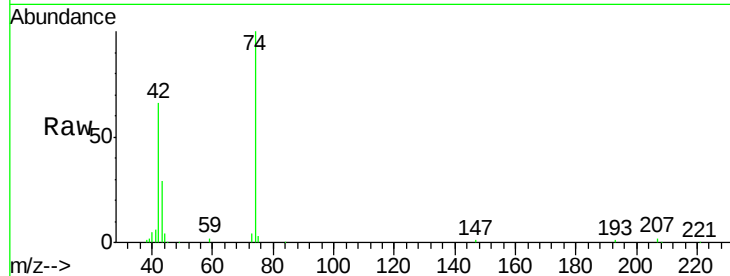


#4

n-Nitrosodimethylamine
 Concen: 31.95 ng
 RT: 3.04 min Scan# 127
 Delta R.T. 0.07 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

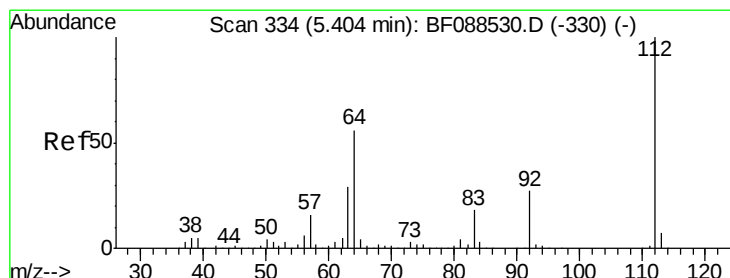
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	151.0	108.6	163.0
44	6.8	5.5	8.3



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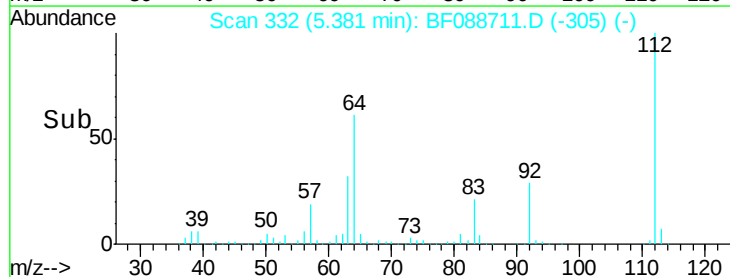
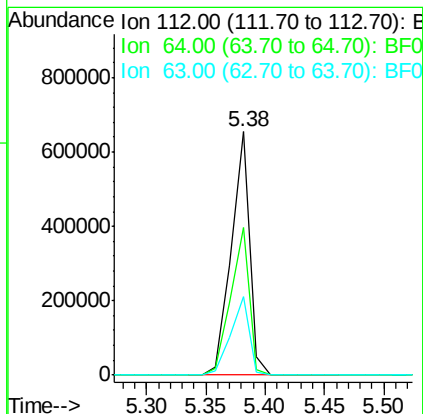
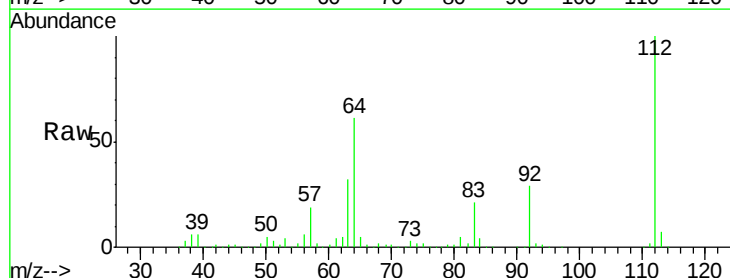
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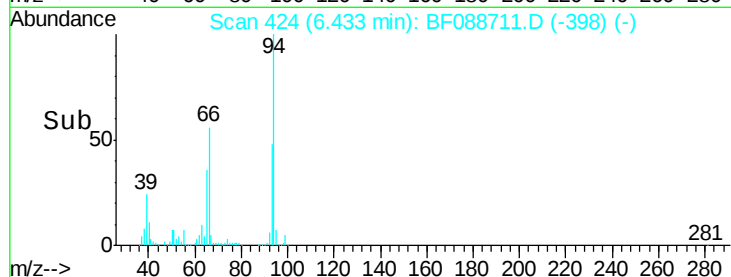
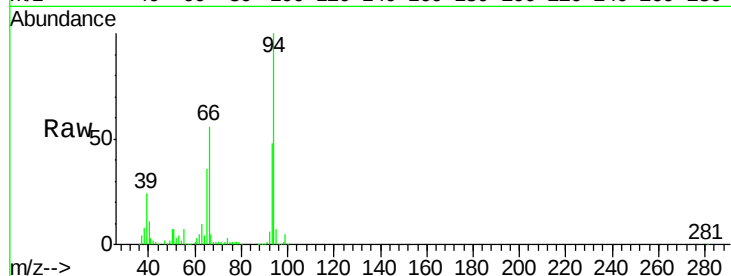
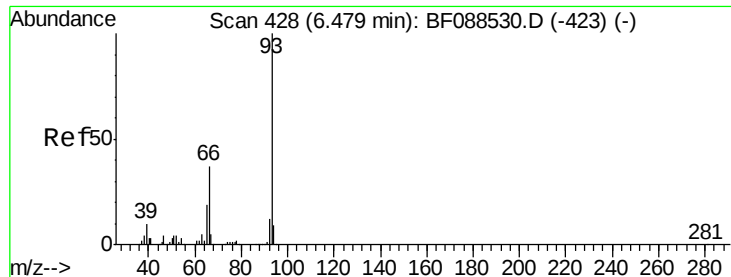


#5

2-Fluorophenol
 Concen: 98.53 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	42.2	63.2
63	32.3	21.8	32.8

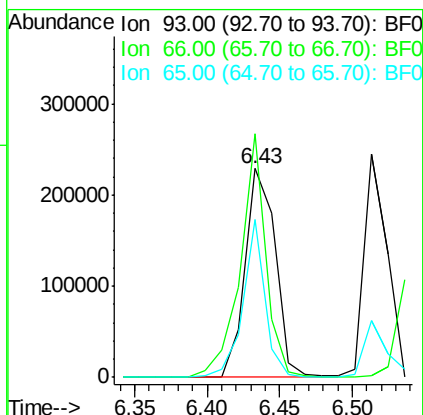




#6
Aniline
Concen: 24.81 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

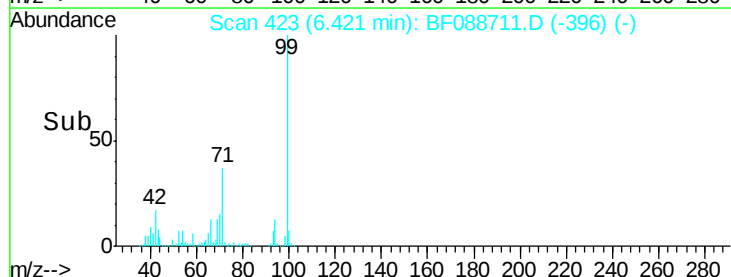
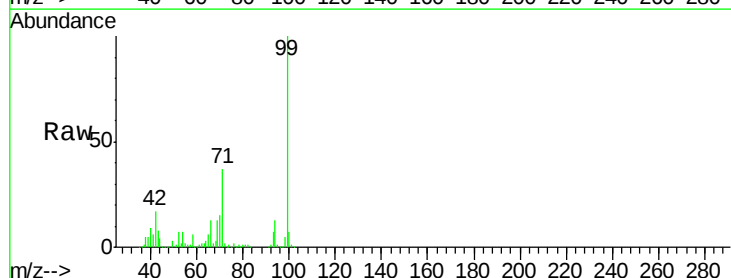
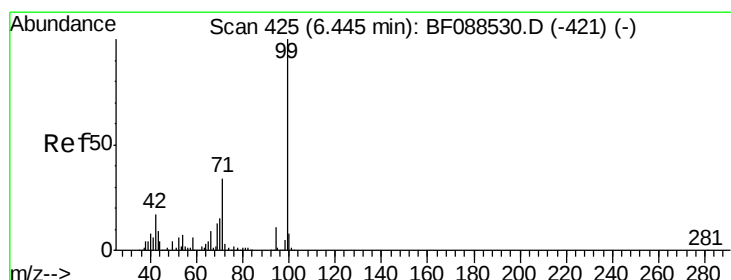
Tot Ion	Ratio	Lower	Upper
93	100		
66	116.8	29.8	44.8#
65	75.8	14.9	22.3#

Instrument :
BNA_F
ClientSampleId :
PB91760BS



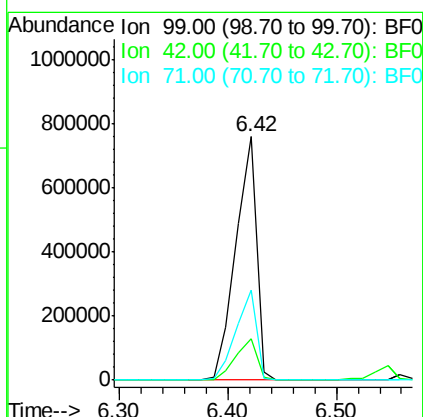
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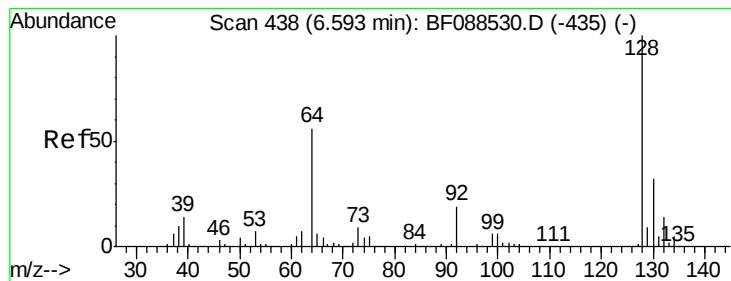
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#7
Phenol-d6
Concen: 107.73 ng
RT: 6.42 min Scan# 423
Delta R.T. 0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	36.9	23.4	35.0#

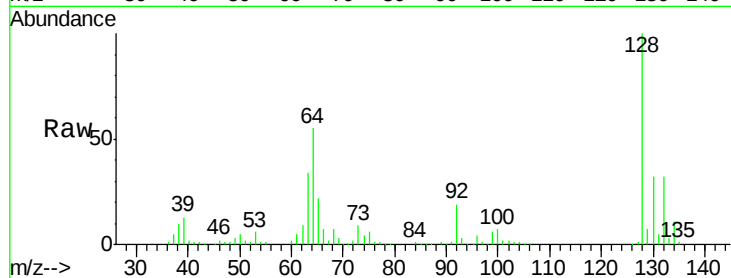




#8
2-Chlorophenol
Concen: 37.28 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

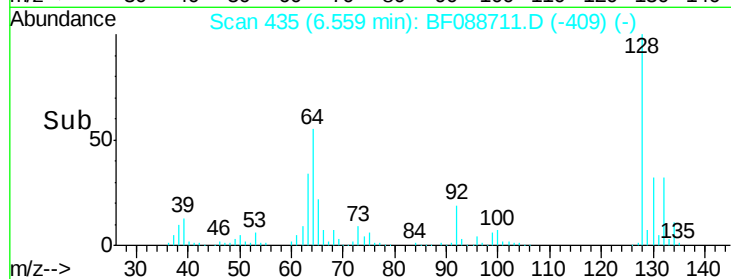
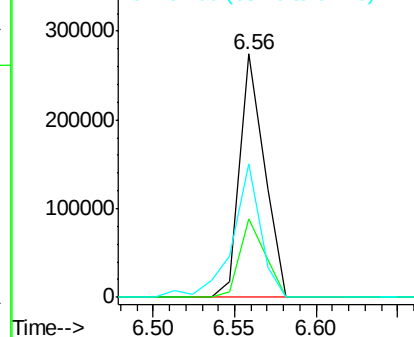
Tot Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	54.7	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): B

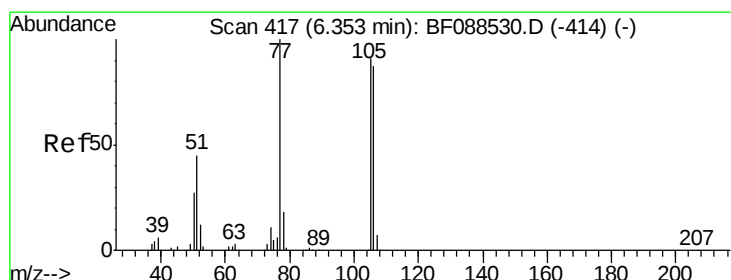
Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



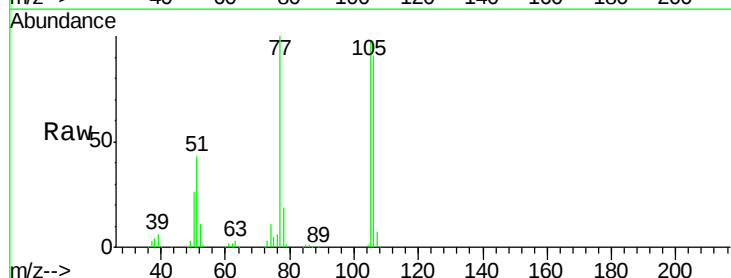
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#9
Benzaldehyde
Concen: 39.08 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

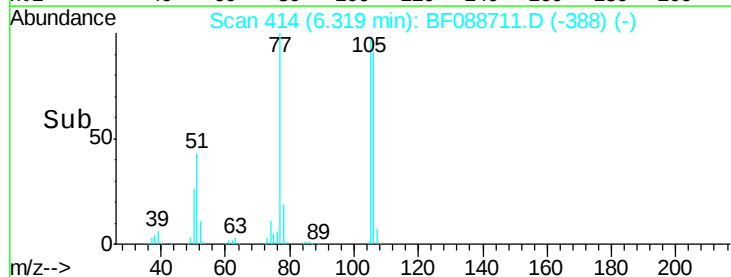
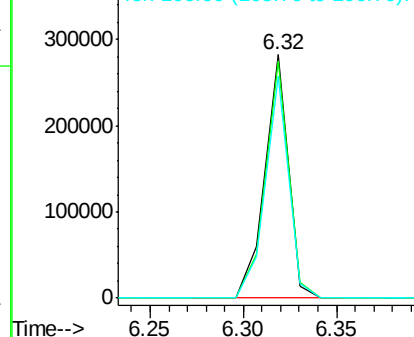
Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.6	90.6	130.6
106	91.2	85.3	125.3

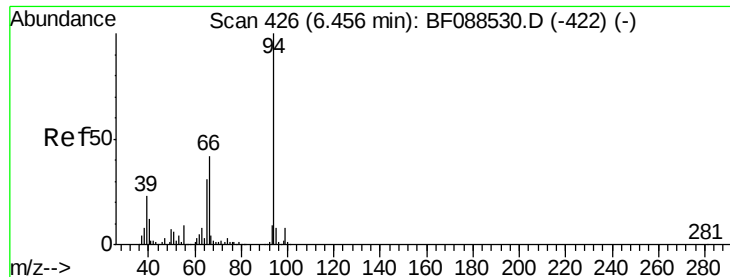


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

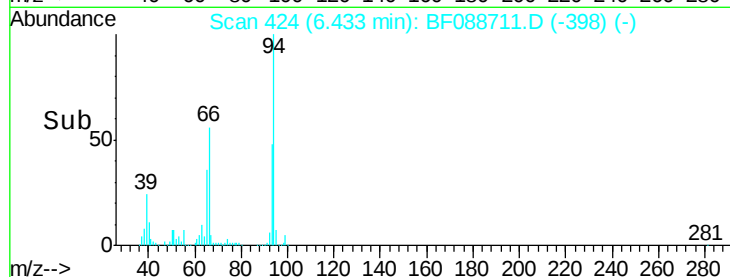
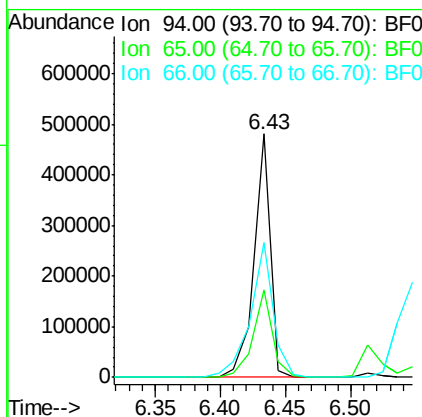
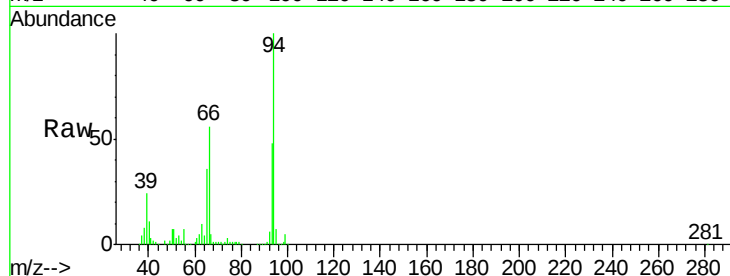




#10
Phenol
Concen: 40.05 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

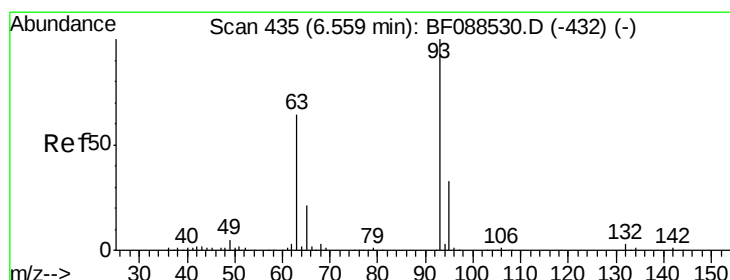
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Tot Ion	Ratio	Lower	Upper
94	100		
65	36.1	5.9	45.9
66	55.5	14.0	54.0



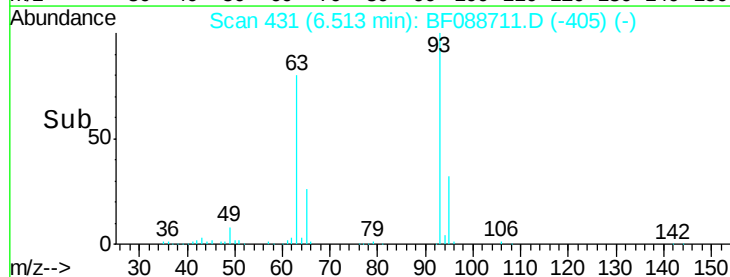
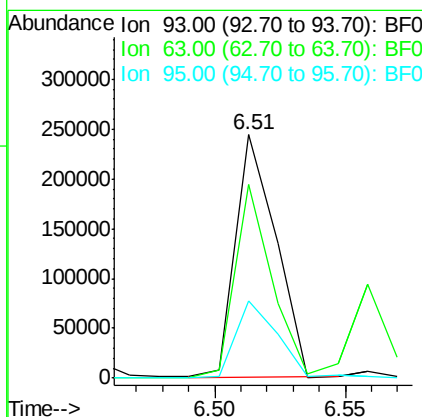
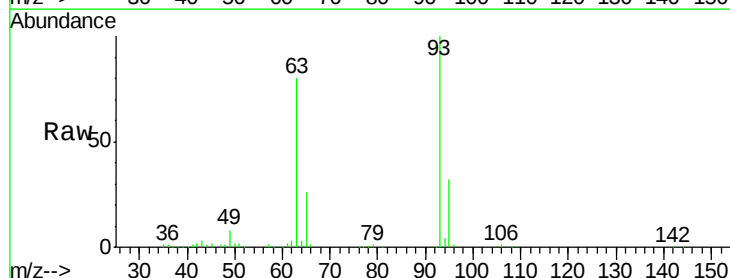
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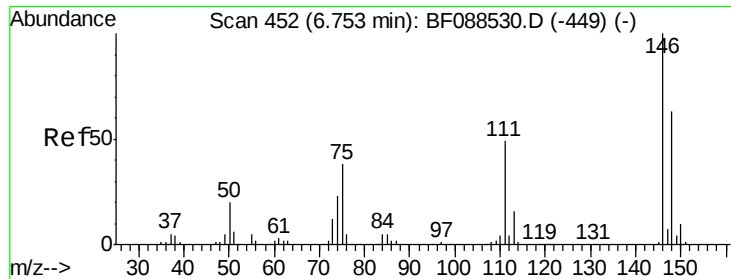
7/6/2016 7:19:18 PM



#11
bis(2-Chloroethyl)ether
Concen: 33.59 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.5	67.6	107.6
95	31.7	12.5	52.5

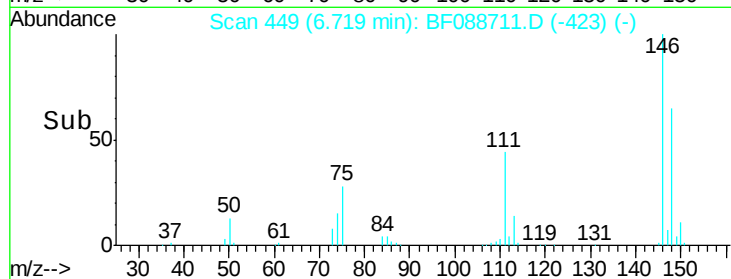
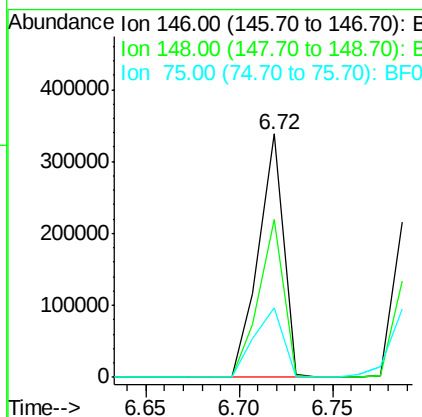
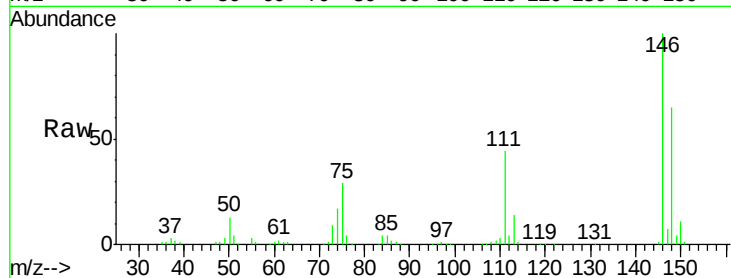




#12
 1,3-Dichlorobenzene
 Concen: 37.40 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

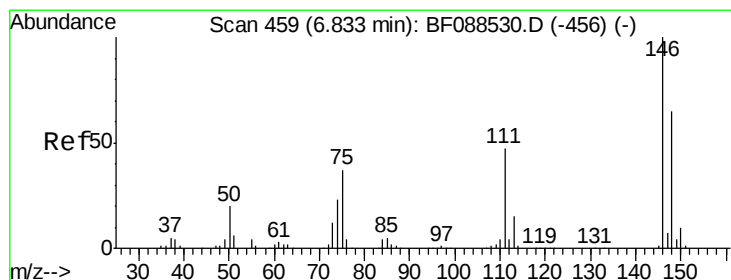
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	28.8	25.6	38.4



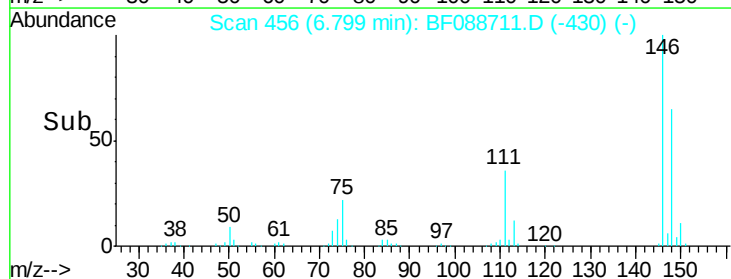
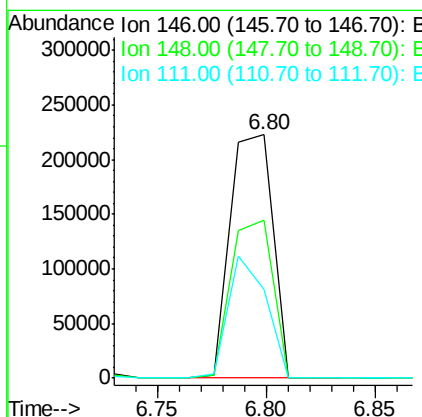
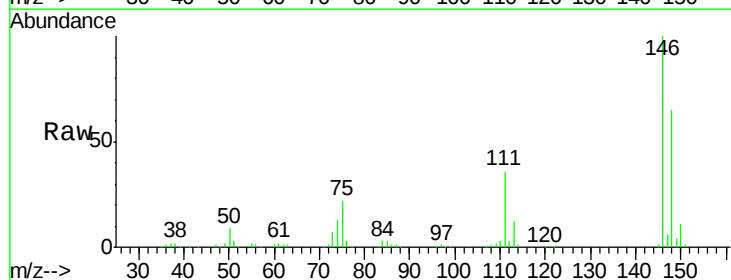
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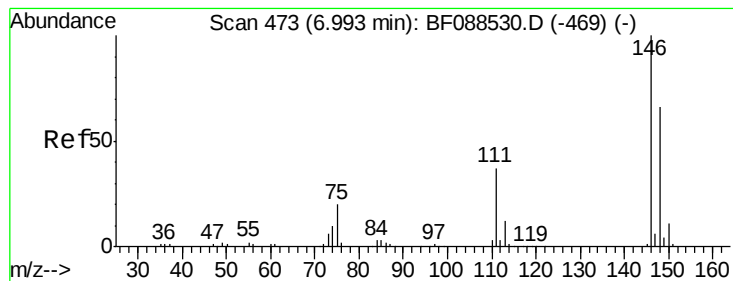
7/6/2016 7:19:18 PM



#13
 1,4-Dichlorobenzene
 Concen: 36.31 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.0	78.0
111	36.5	33.8	50.8

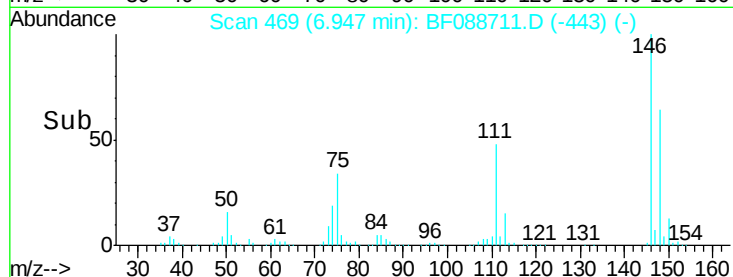
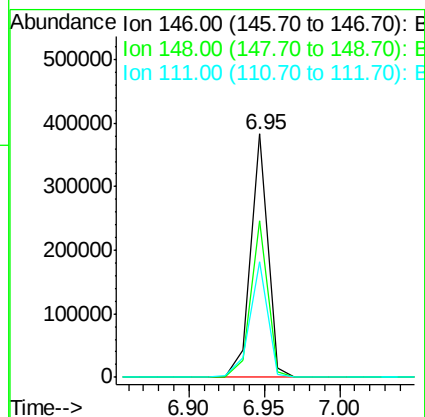
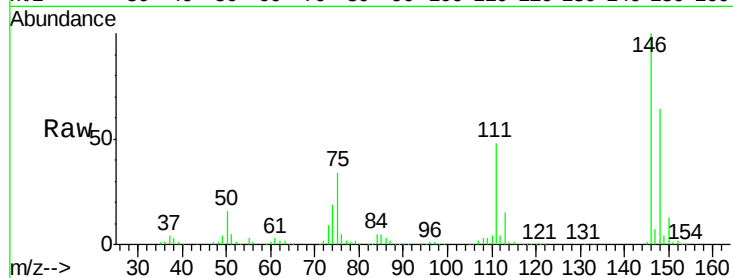




#14
 1,2-Dichlorobenzene
 Concen: 38.61 ng/mL
 RT: 6.95 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

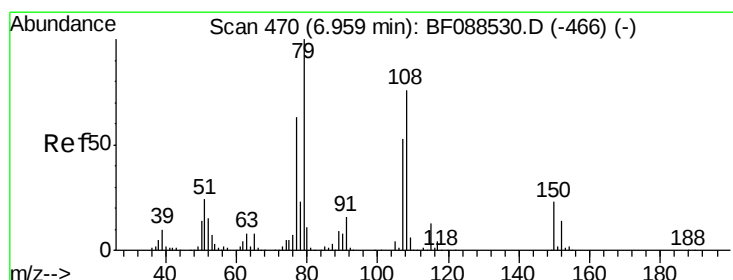
Instrument :
 BNA_F
 ClientSampleID :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	47.6	28.7	43.1



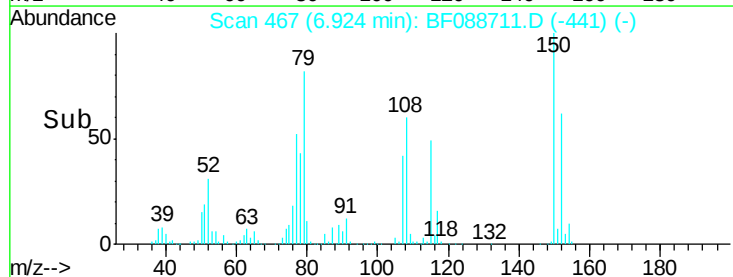
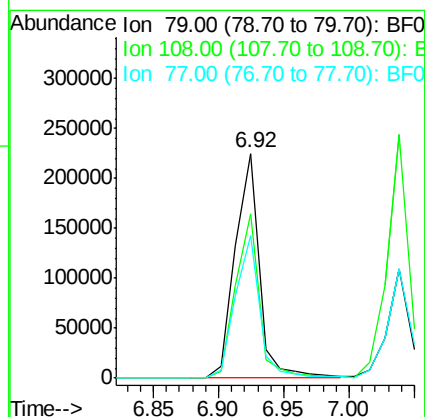
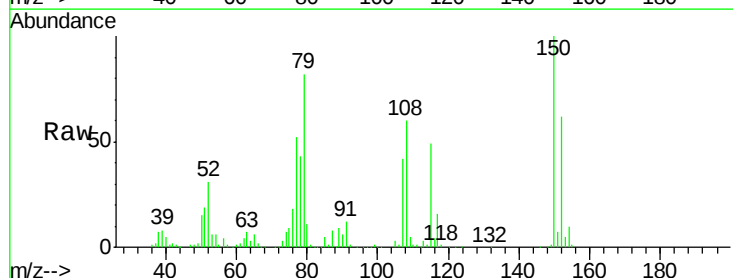
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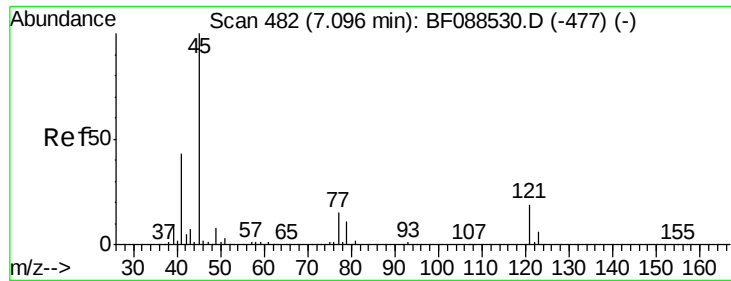
7/6/2016 7:19:18 PM



#15
 Benzyl Alcohol
 Concen: 42.62 ng/mL
 RT: 6.92 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.4	65.0	97.6
77	63.3	50.3	75.5

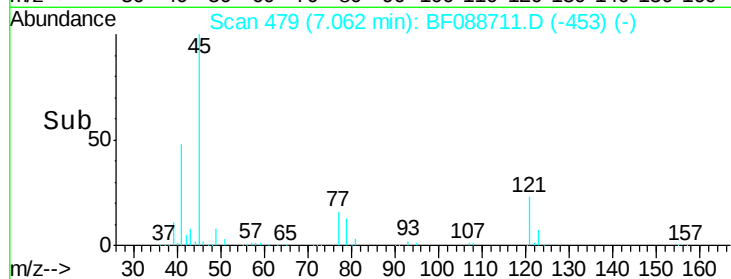
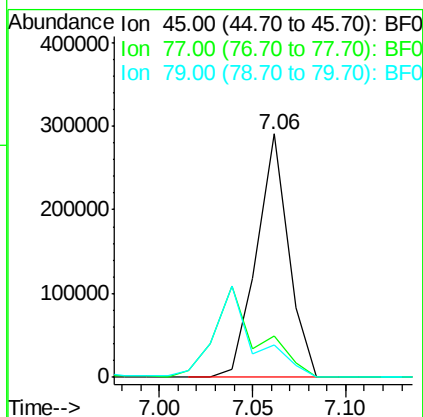
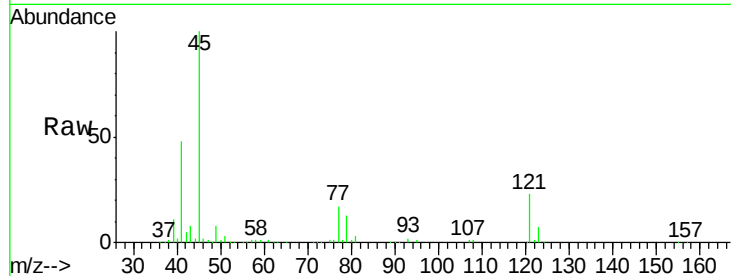




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.31 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

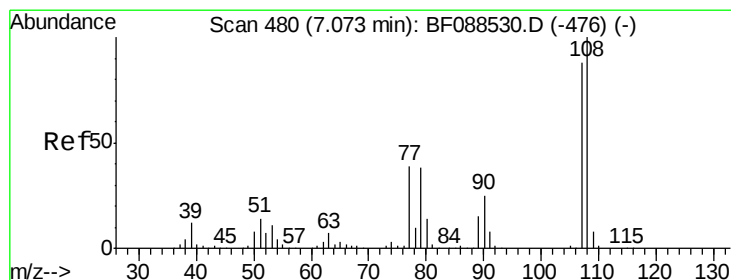
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.5
79	13.1	0.0	29.5



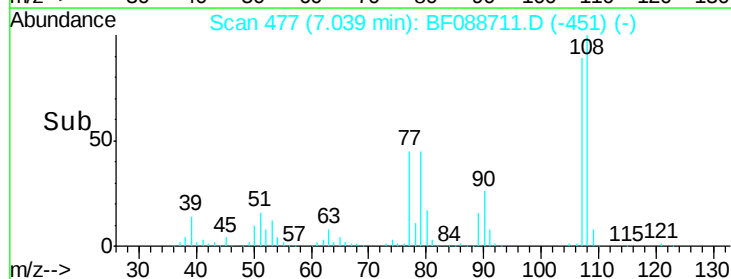
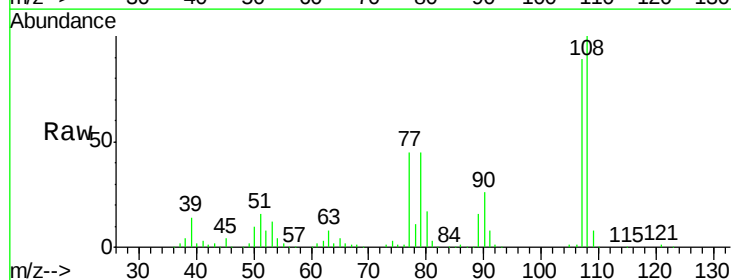
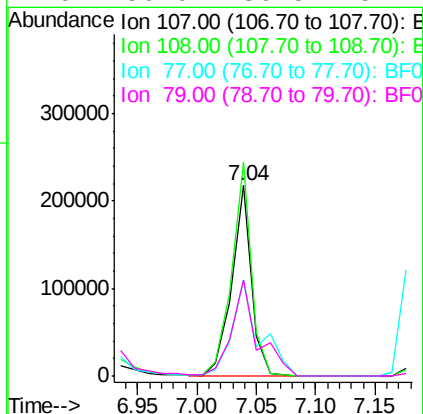
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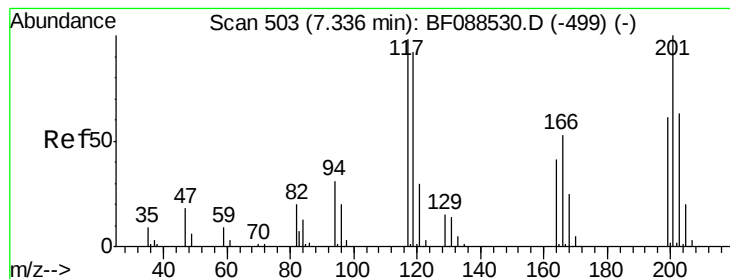
7/6/2016 7:19:18 PM



#17
2-Methylphenol
Concen: 40.09 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	50.2	36.6	55.0
79	50.0	36.5	54.7





#18

Hexachloroethane

Concen: 38.44 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

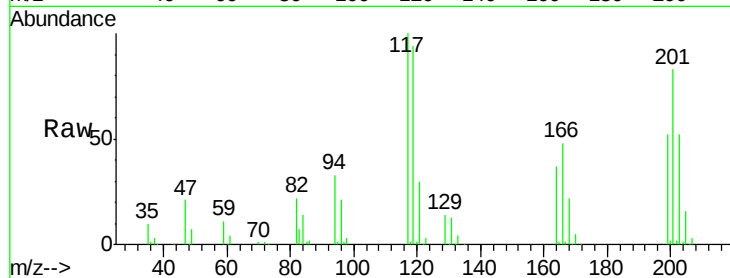
Tot Ion:117 Resp: 124456

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.2

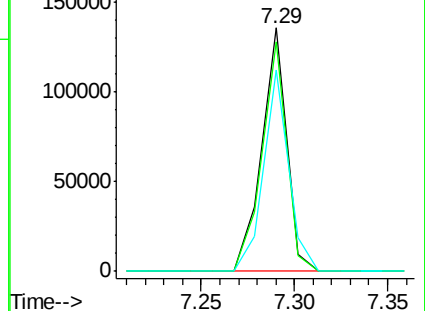
201 82.8 80.4 120.6



Abundance Ion 117.00 (116.70 to 117.70): E

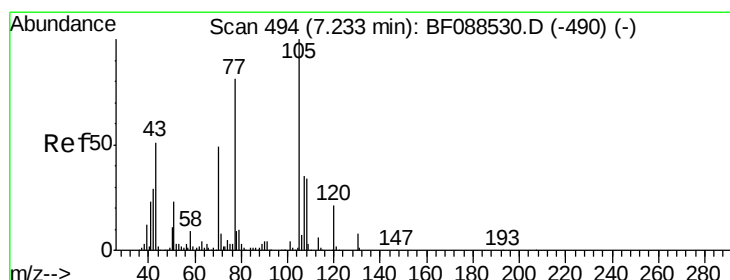
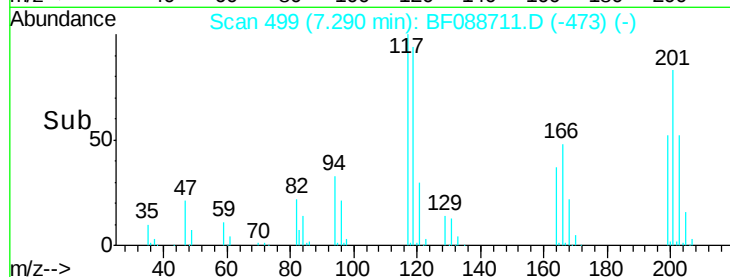
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



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7/6/2016 7:19:18 PM



#19

n-Nitroso-di-n-propylamine

Concen: 33.95 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion: 70 Resp: 210054

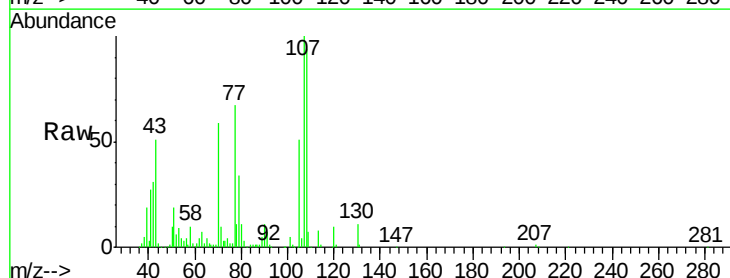
Ion Ratio Lower Upper

70 100

42 52.7 49.6 74.4

101 9.3 7.1 10.7

130 18.8 15.4 23.2

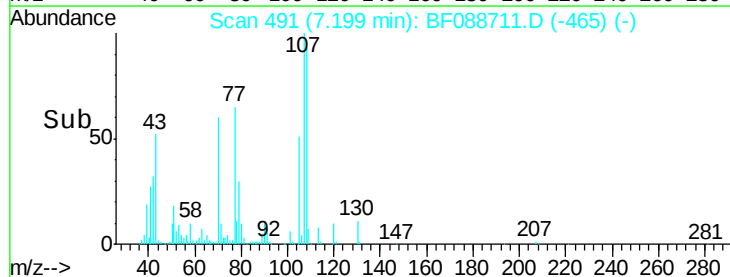
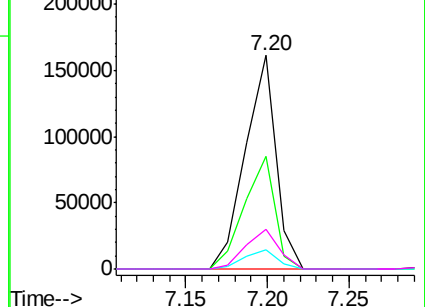


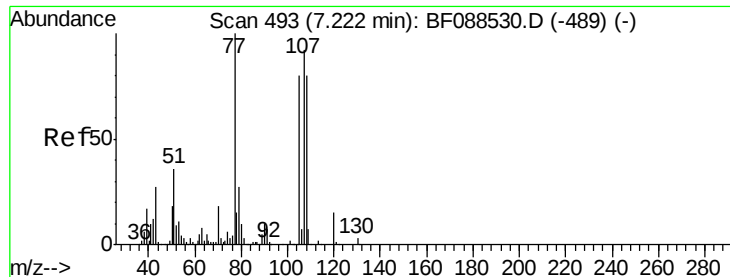
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

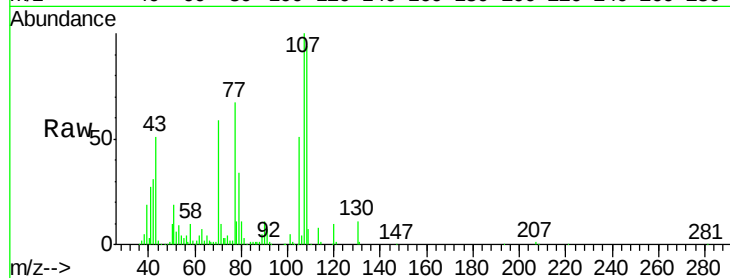




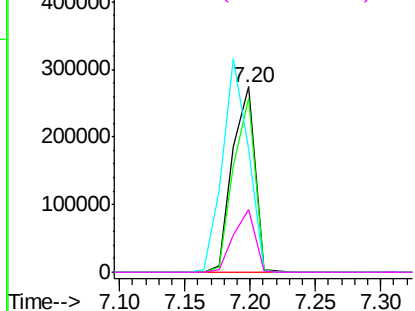
#20
3+4-Methylphenols
Concen: 43.55 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:	107	Resp:	32686
Ion	Ratio	Lower	Upper
107	100		
108	93.6	67.8	107.8
77	66.5	59.3	99.3
79	33.6	7.0	47.0

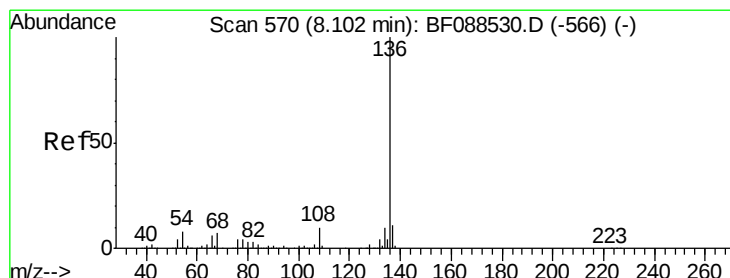
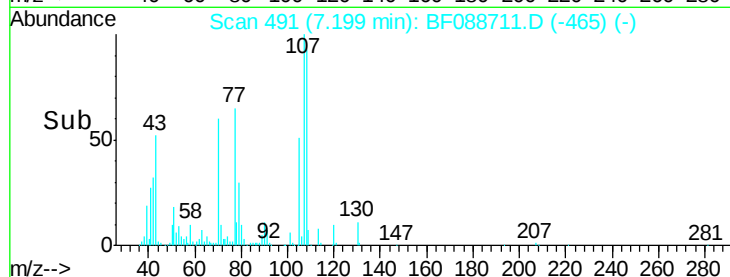


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



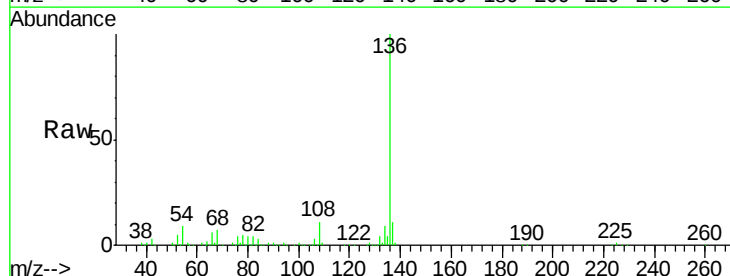
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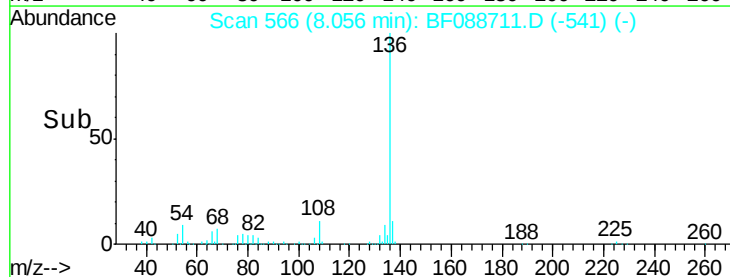
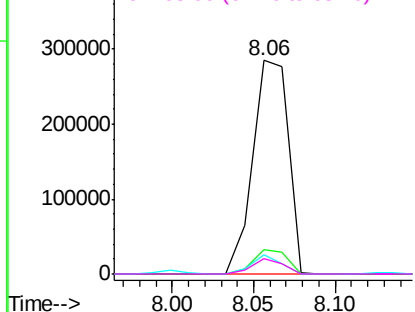


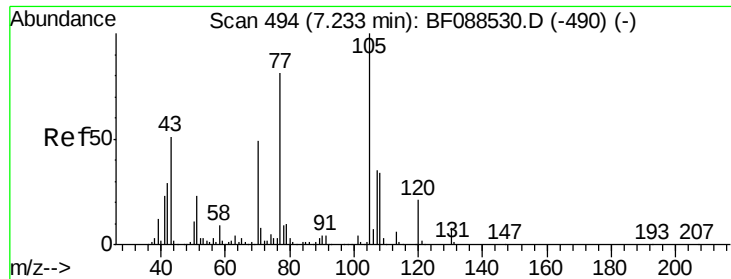
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:	136	Resp:	430751
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.0	6.6	10.0
68	7.3	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

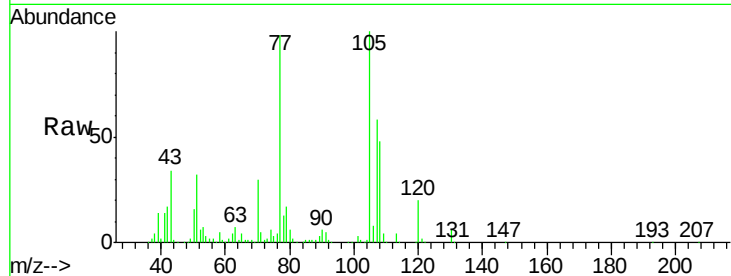




#22
Acetophenone
Concen: 39.88 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampled :
PB91760BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.3	7.9#
51	32.5	18.2	27.4#
120	19.8	18.0	27.0

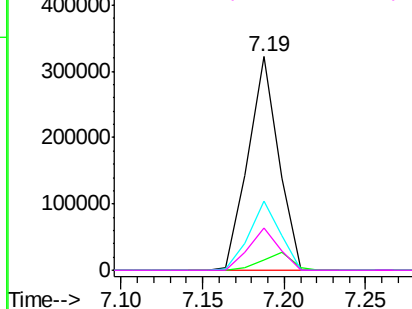


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

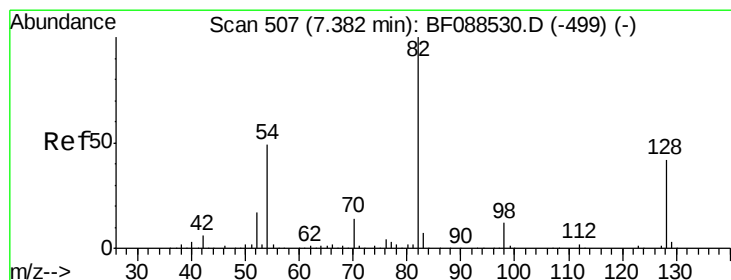
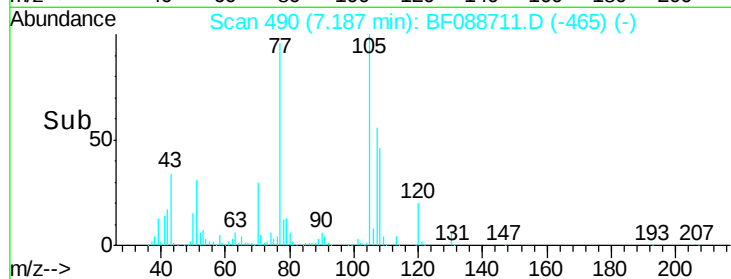
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



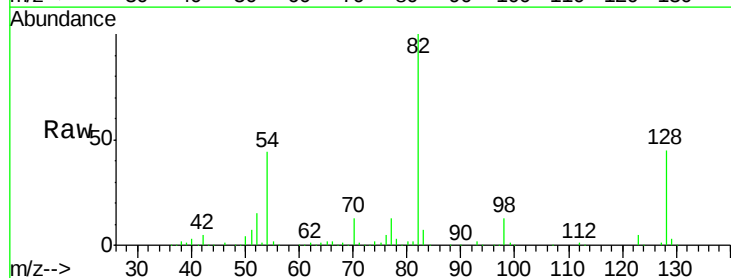
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7/6/2016 7:19:18 PM



#23
Nitrobenzene-d5
Concen: 86.76 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

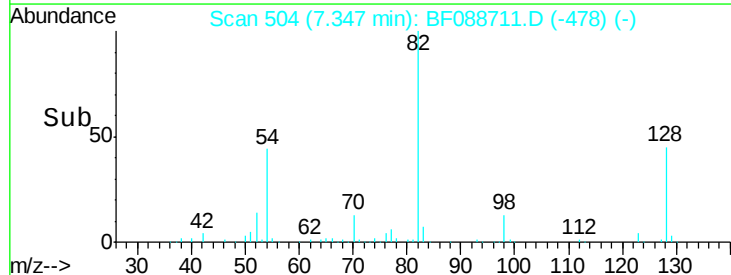
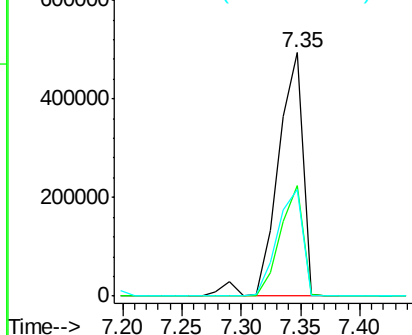
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.9	53.9
54	44.0	40.9	61.3

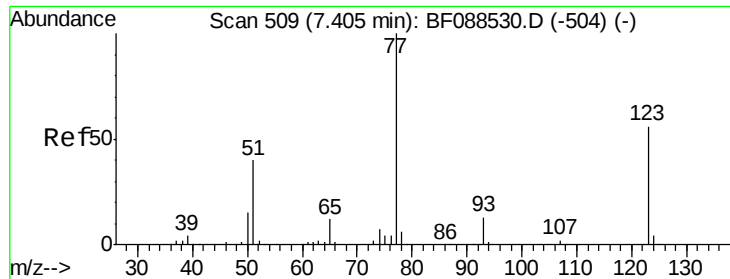


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

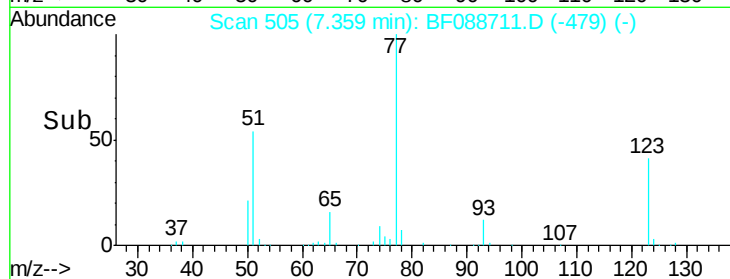
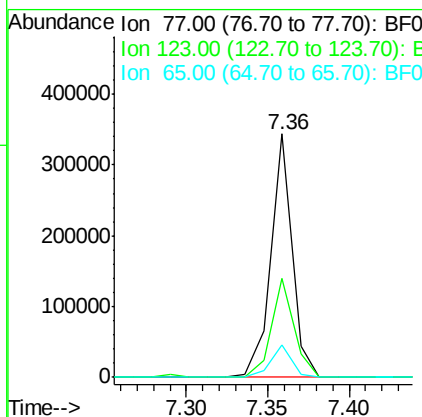
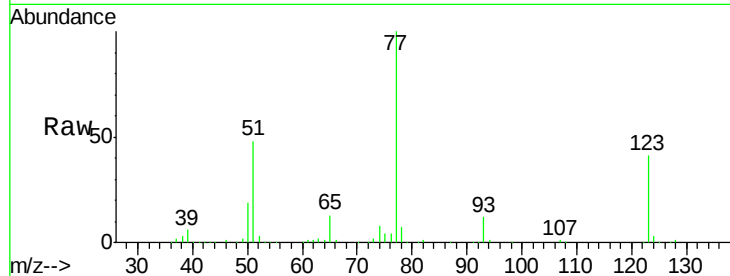




#24
Nitrobenzene
Concen: 37.92 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

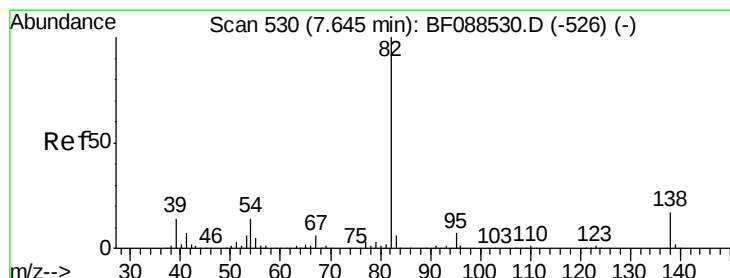
Instrument :
BNA_F
ClientSampled :
PB91760BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	40.9	45.0	67.4#
65	13.4	10.2	15.2



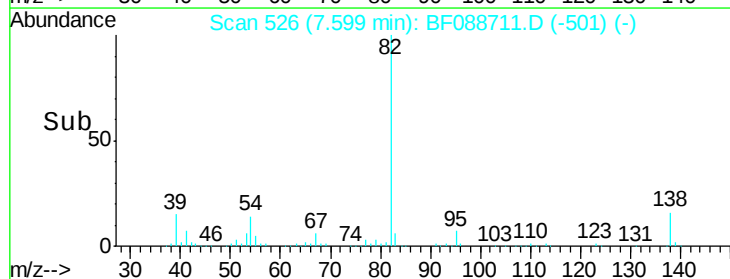
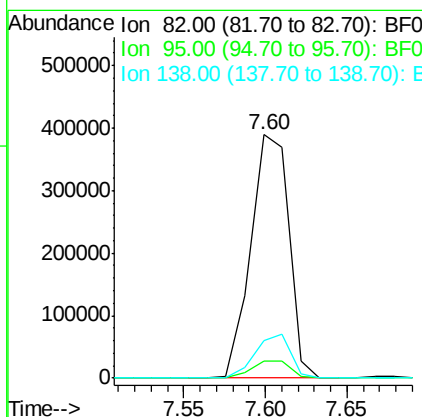
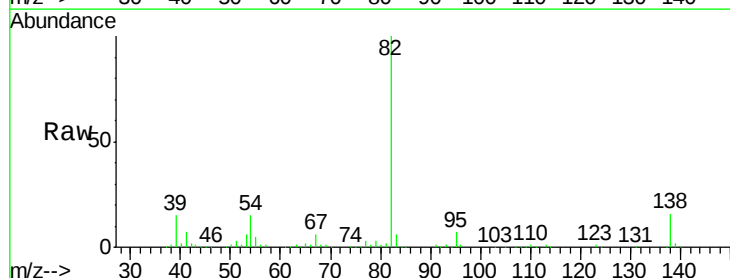
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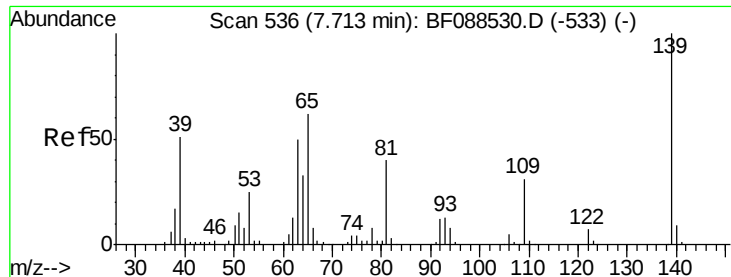
7/6/2016 7:19:18 PM



#25
Isophorone
Concen: 41.45 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	15.5	14.6	21.8

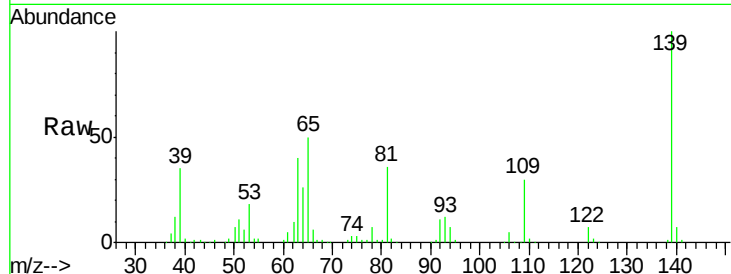




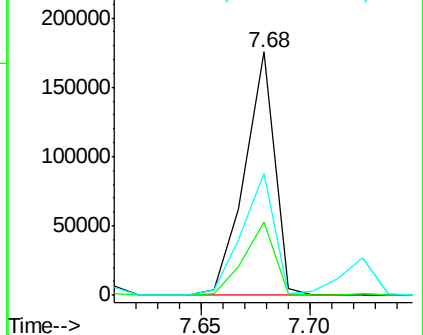
#26
2-Nitrophenol
Concen: 49.79 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.0	34.4
65	50.4	45.8	68.8

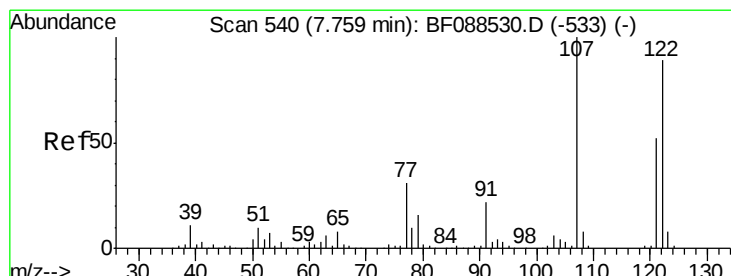
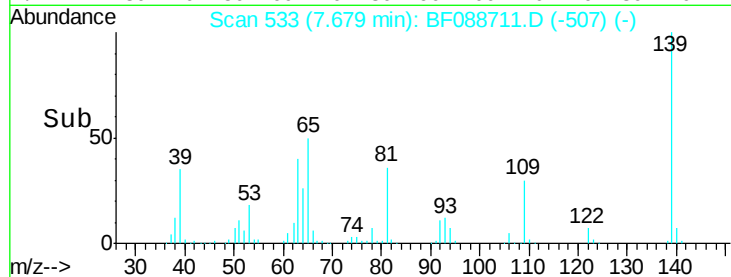


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



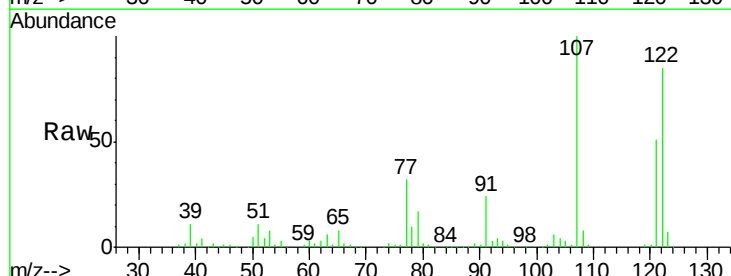
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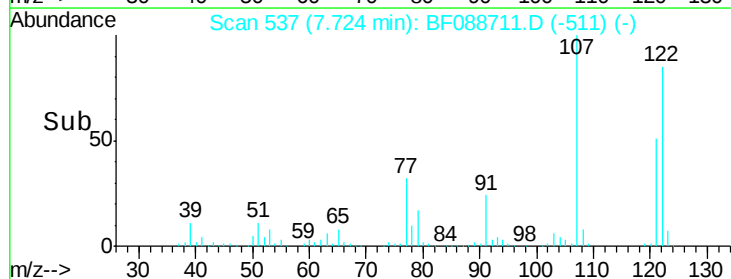
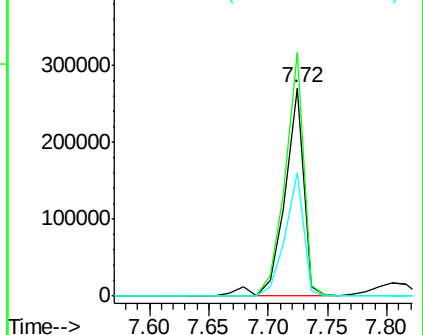


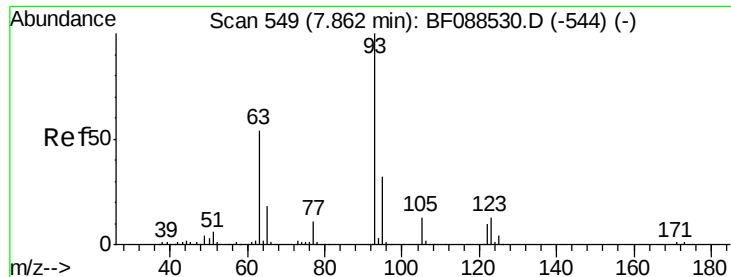
#27
2,4-Dimethylphenol
Concen: 42.34 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.0	82.4	123.6
121	59.5	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

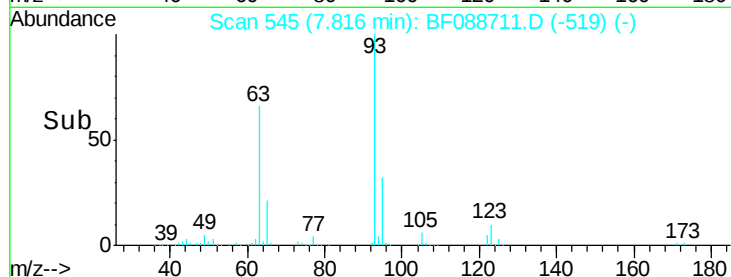
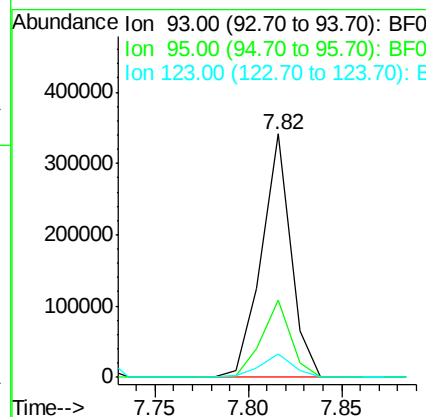
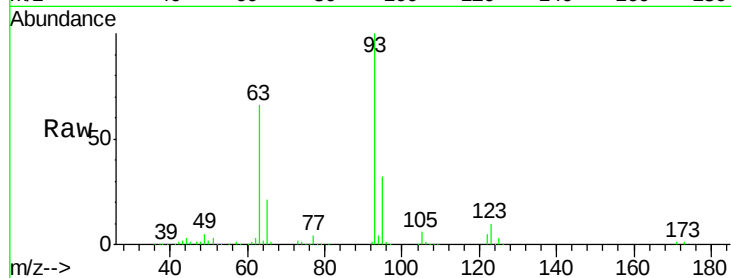




#28
bis(2-Chloroethoxy)methane
Concen: 37.41 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

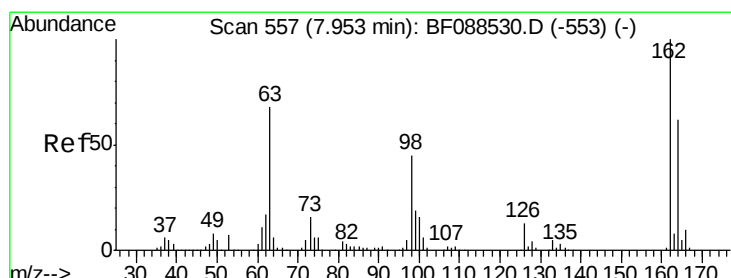
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	9.8	11.6	17.4



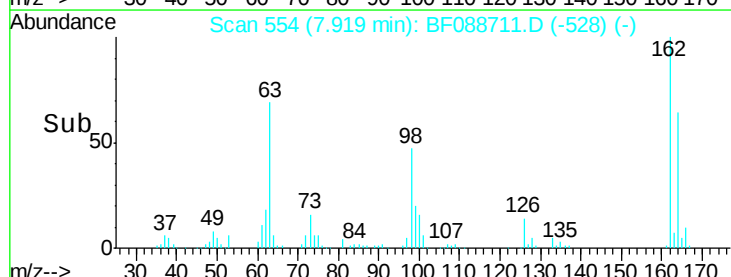
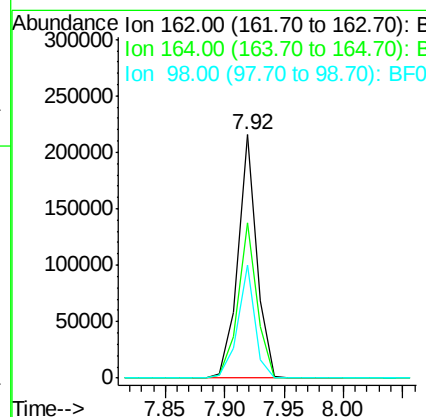
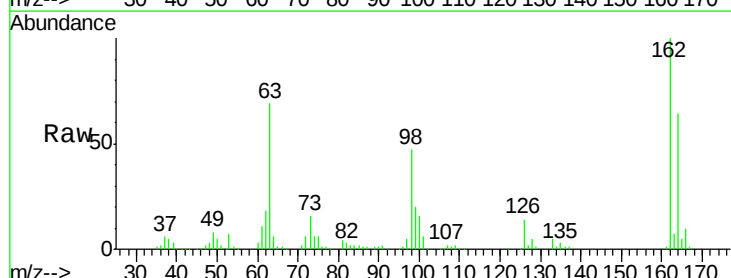
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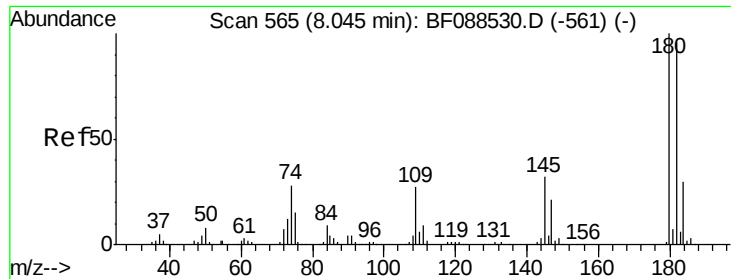
7/6/2016 7:19:18 PM



#29
2,4-Dichlorophenol
Concen: 41.84 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	46.6	21.3	61.3

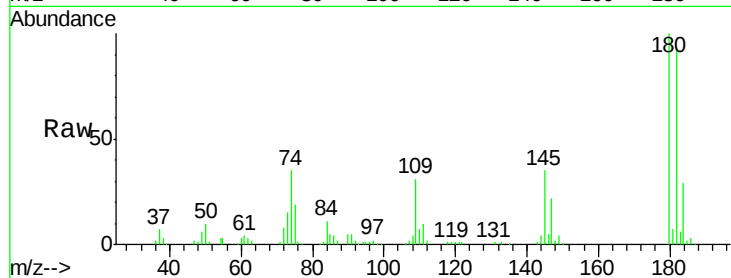




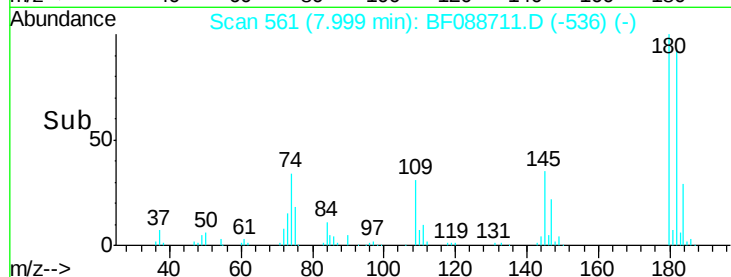
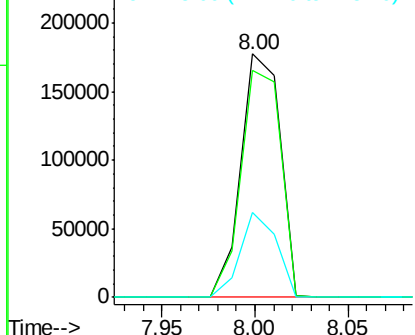
#30
1,2,4-Trichlorobenzene
Concen: 41.11 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	34.9	26.5	39.7

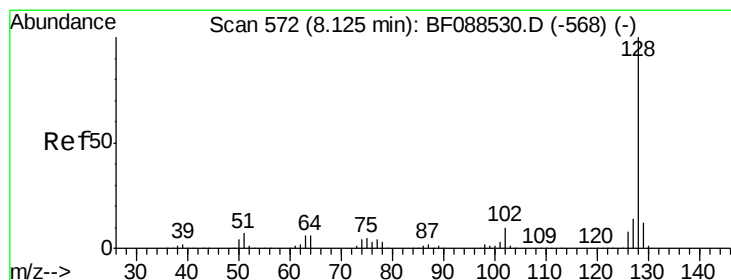


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



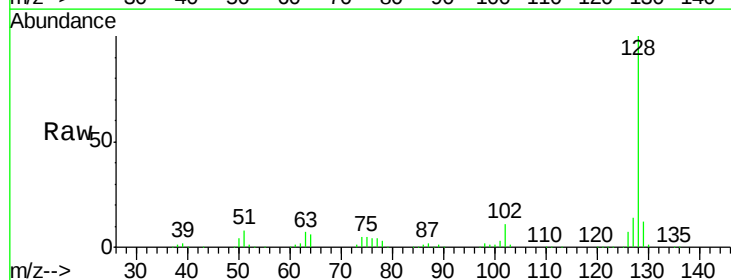
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7/6/2016 7:19:18 PM

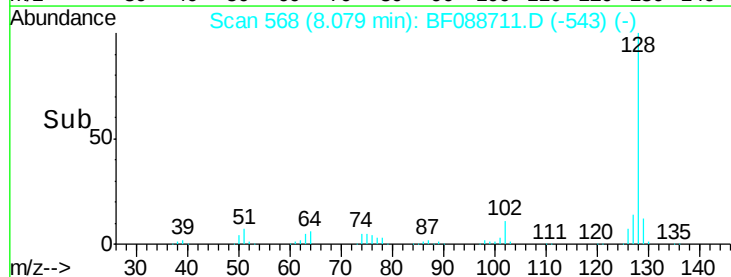
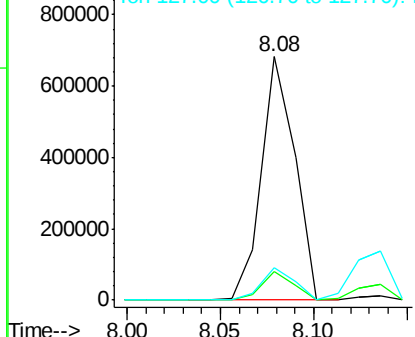


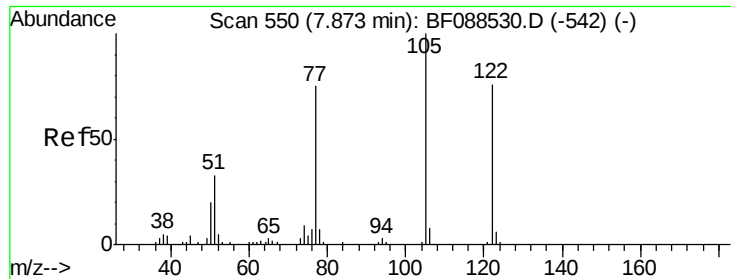
#31
Naphthalene
Concen: 39.67 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.5	10.9	16.3



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





#32

Benzoic acid

Concen: 8.42 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.06 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

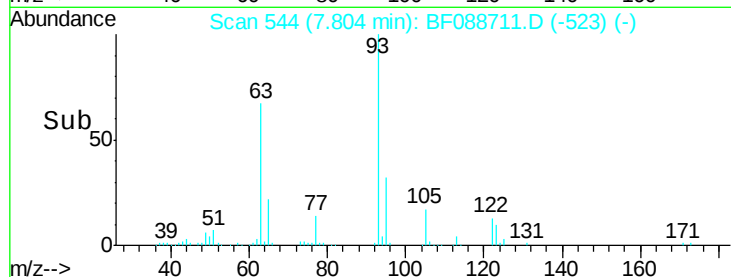
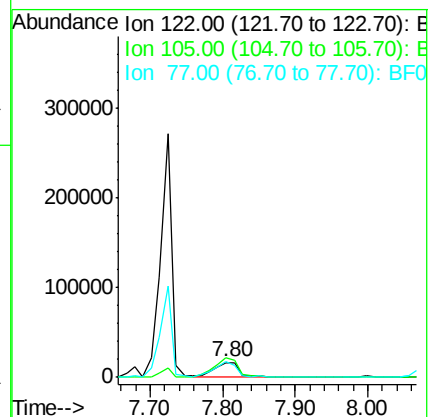
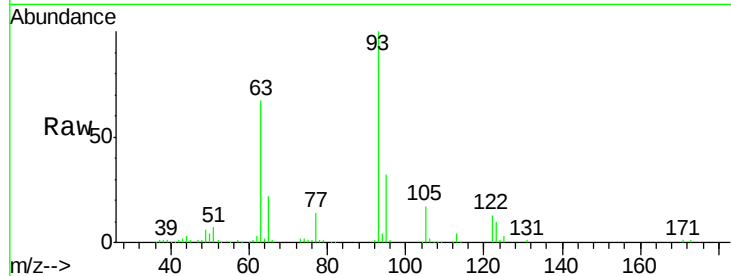
Tot Ion:122 Resp: 43269

Ion Ratio Lower Upper

122 100

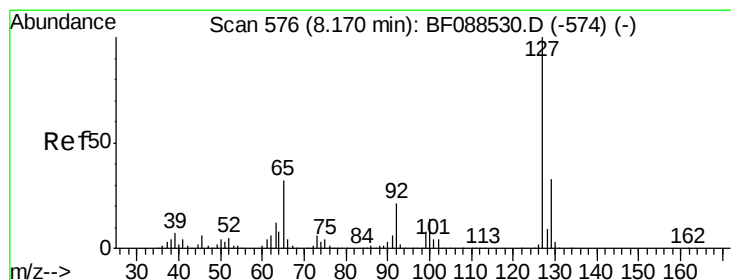
105 129.1 101.6 141.6

77 102.8 70.6 110.6



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7/6/2016 7:19:18 PM



#33

4-Chloroaniline

Concen: 20.07 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:127 Resp: 189672

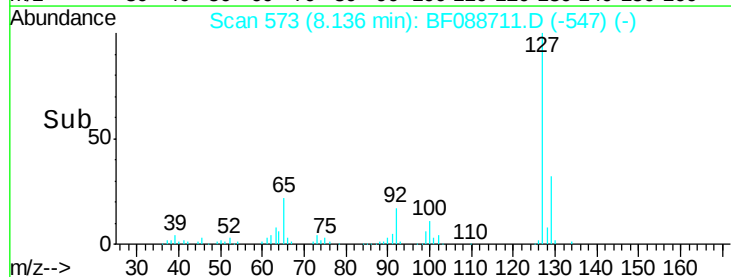
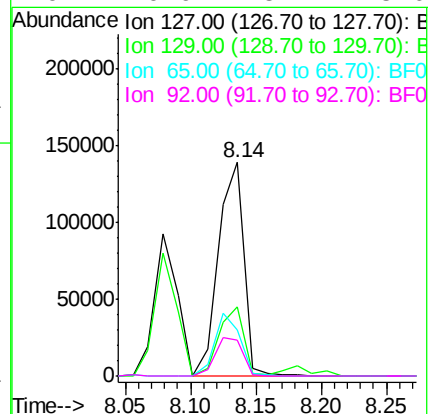
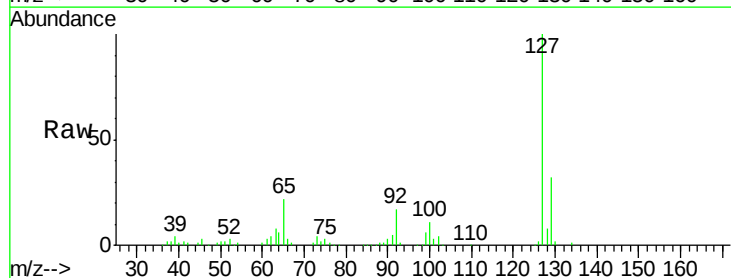
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 21.5 24.7 37.1#

92 16.9 15.4 23.0

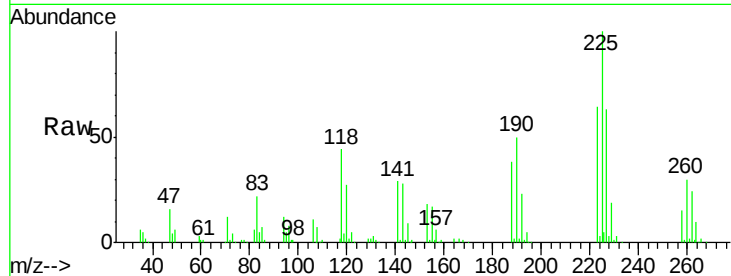




#34
Hexachlorobutadiene
Concen: 40.82 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.9	76.3
227	62.7	51.9	77.9

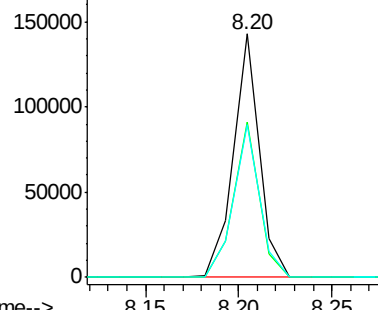


Abundance

Ion 225.00 (224.70 to 225.70): E

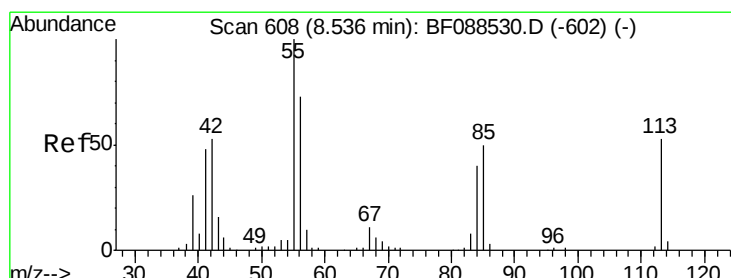
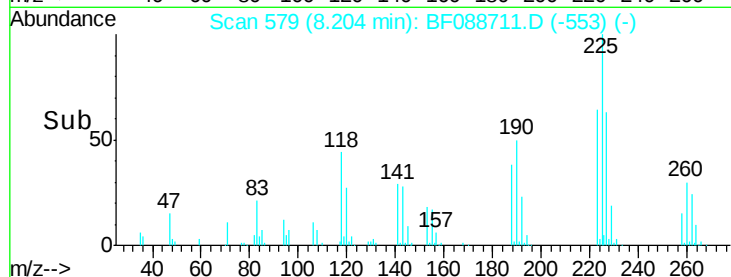
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



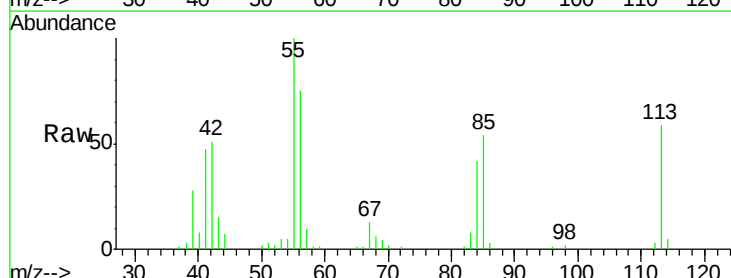
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7/6/2016 7:19:18 PM



#35
Caprolactam
Concen: 41.96 ng m
RT: 8.50 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
113	100		
55	168.7	158.6	198.6
56	126.8	110.6	150.6

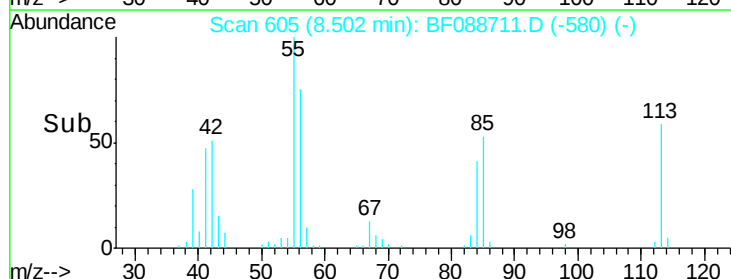
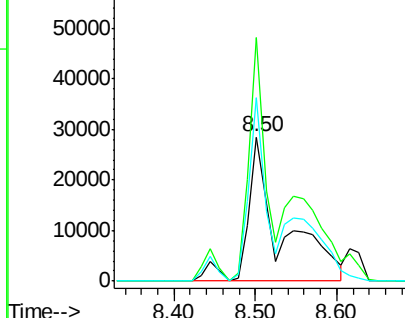


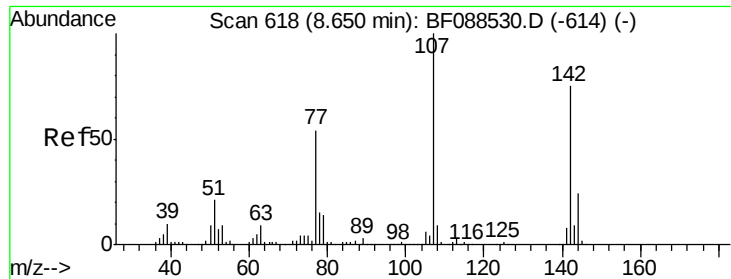
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

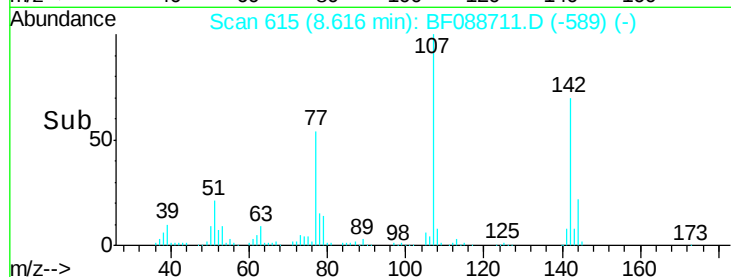
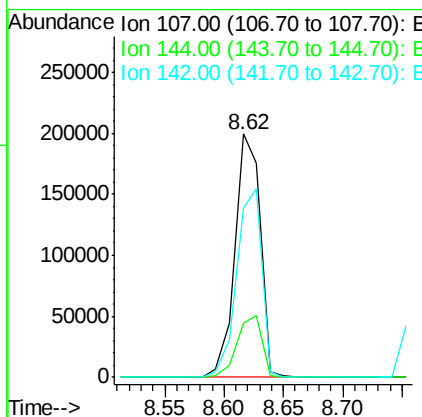
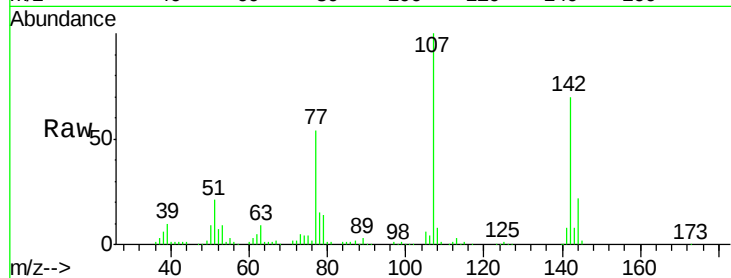




#36
4-Chloro-3-methylphenol
Concen: 43.93 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

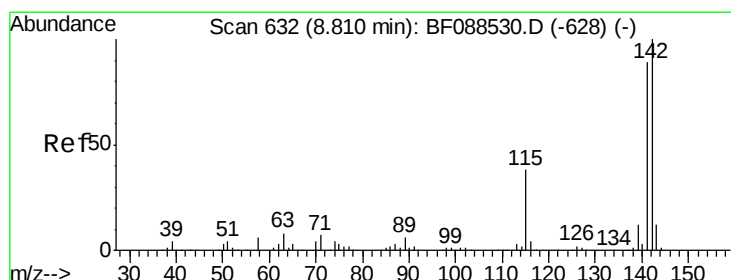
Instrument :
BNA_F
ClientSampled :
PB91760BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.5	20.8	31.2
142	69.8	63.4	95.2



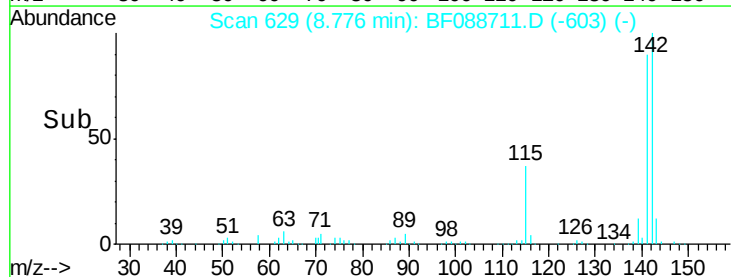
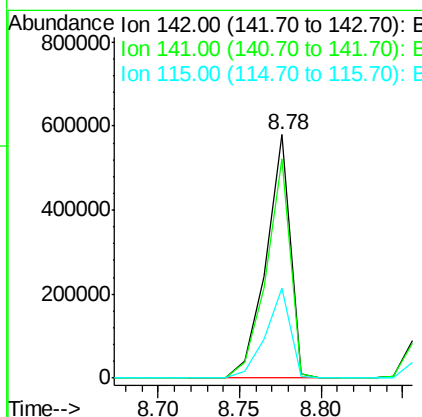
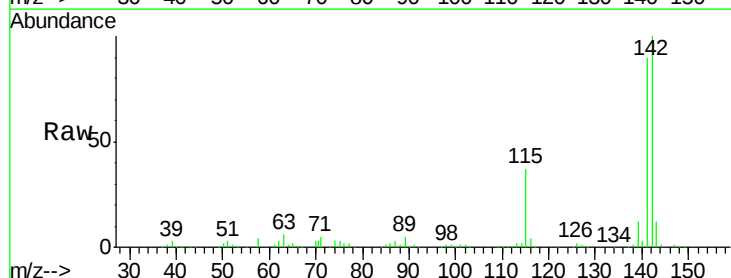
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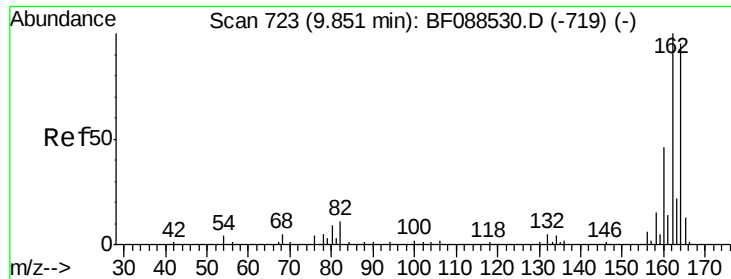
7/6/2016 7:19:18 PM



#37
2-Methylnaphthalene
Concen: 43.80 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	36.9	22.6	33.8

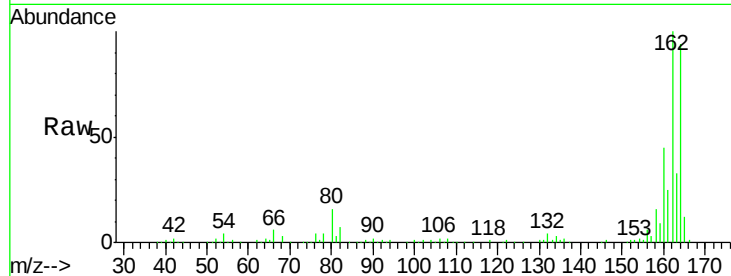




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampled :
PB91760BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	48.6	39.5	59.3

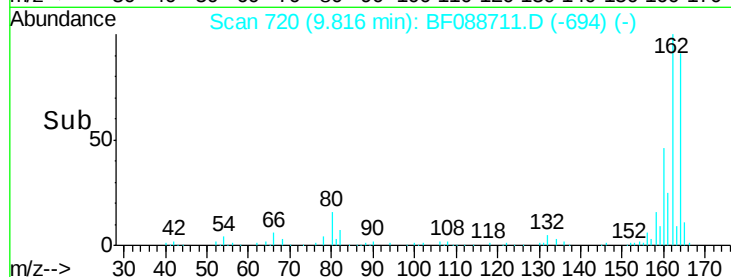
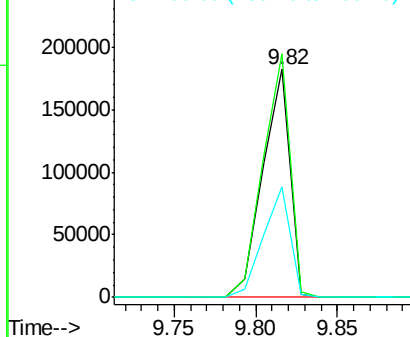


Abundance

Ion 164.00 (163.70 to 164.70): E

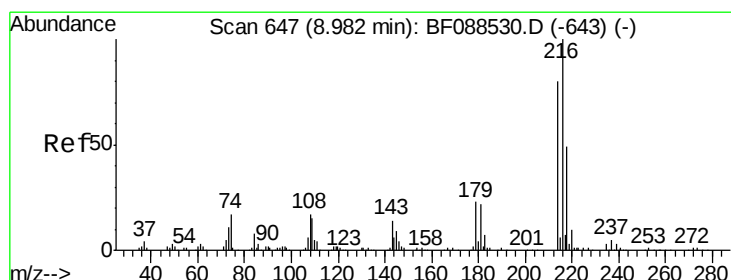
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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7/6/2016 7:19:18 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.53 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	2.9	4.3#
179	22.5	0.0	0.0#
108	22.9	0.5	0.7#

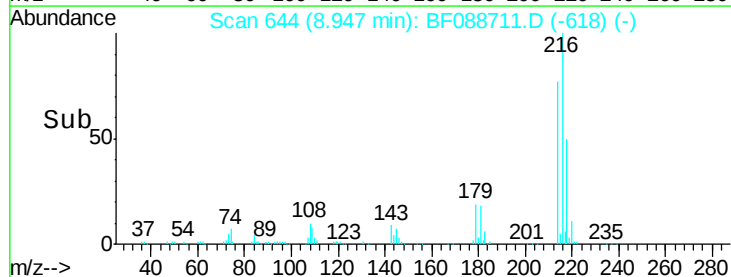
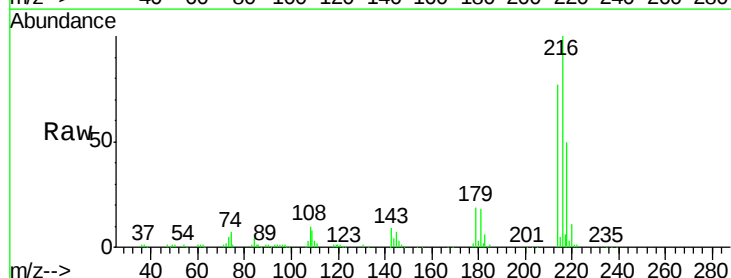
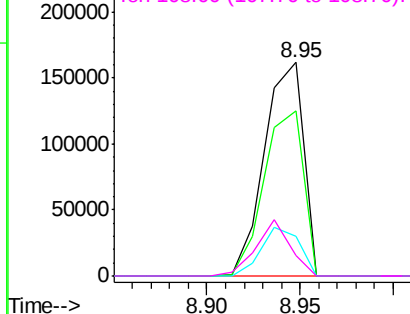
Abundance

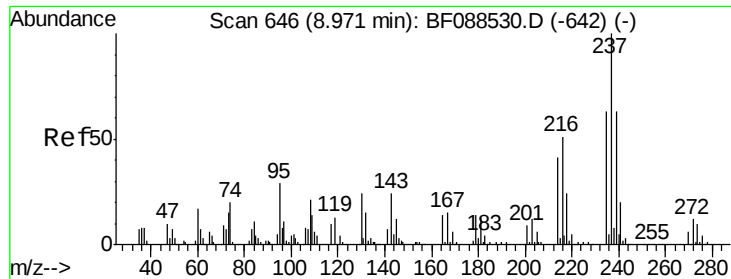
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

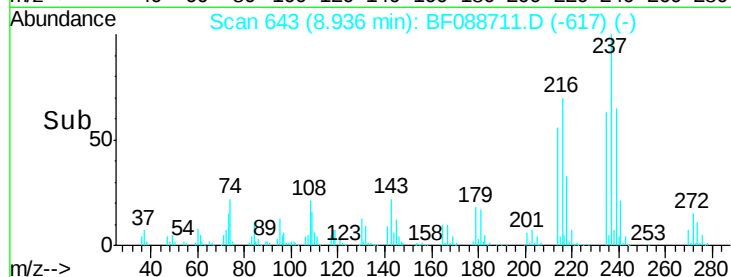
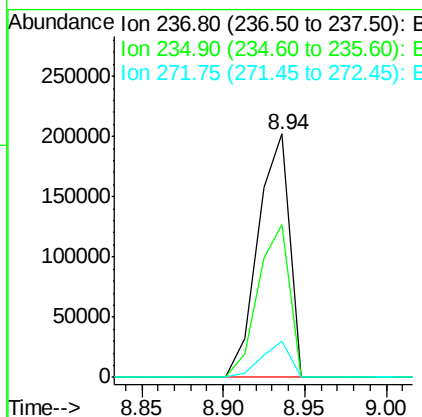
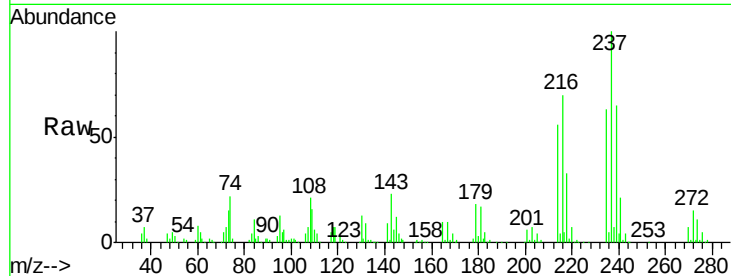




#40
Hexachlorocyclopentadiene
Concen: 78.50 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

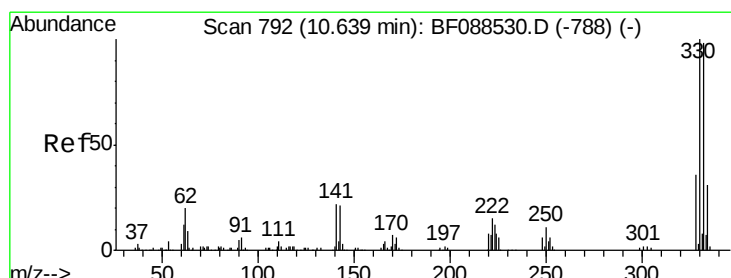
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.4	83.4
272	14.7	0.0	32.3



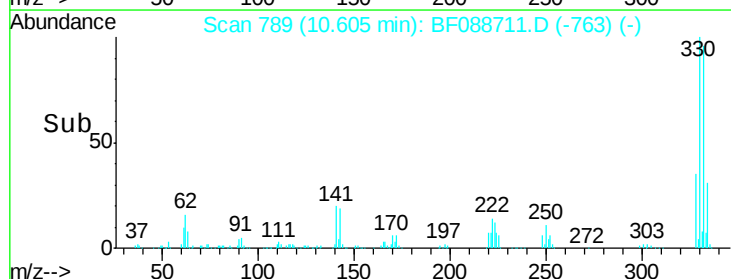
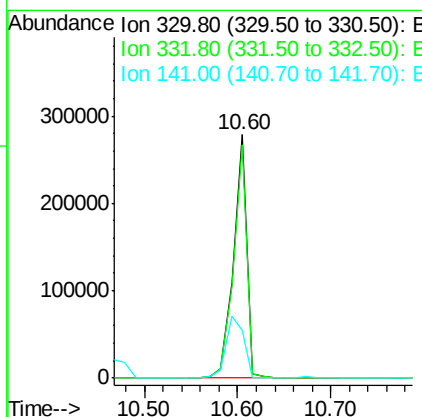
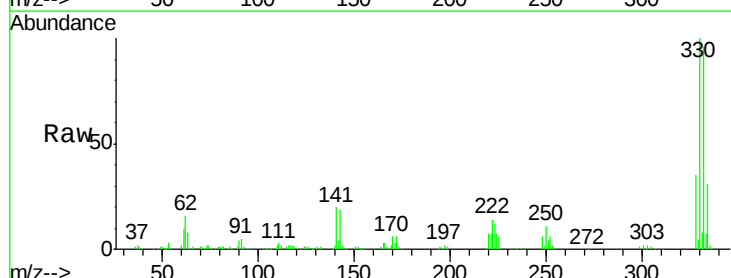
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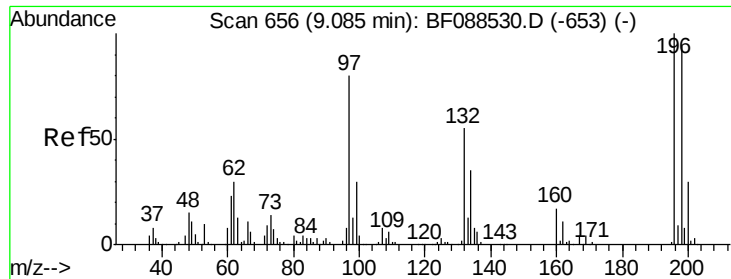
7/6/2016 7:19:18 PM



#41
2,4,6-Tribromophenol
Concen: 143.57 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	34.0	0.0	0.0#

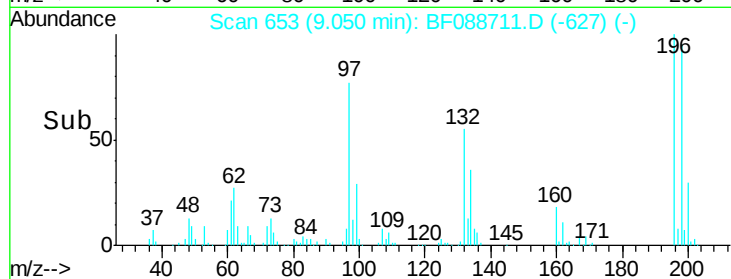
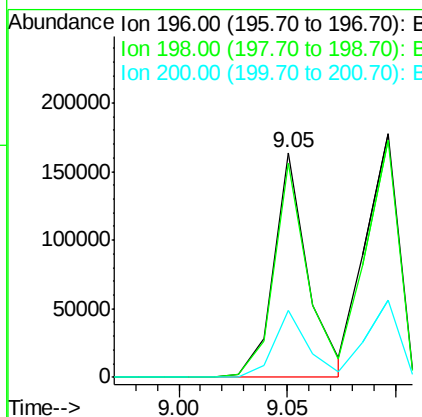
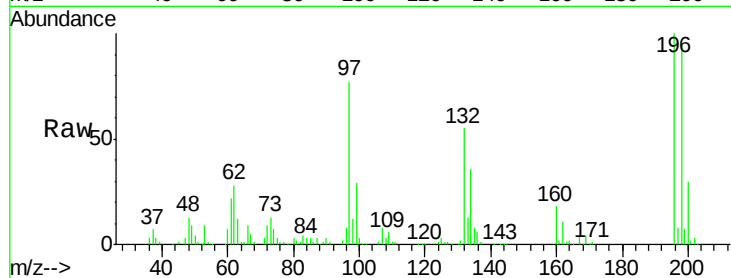




#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

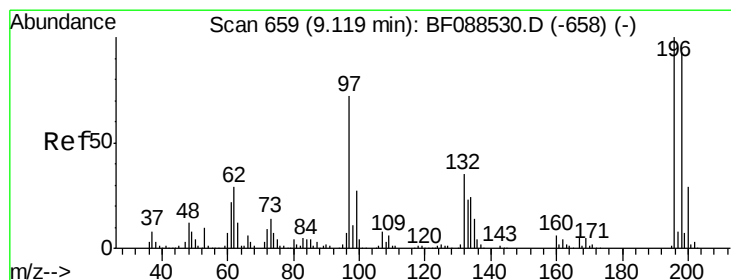
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.0	117.0
200	30.1	25.4	38.2



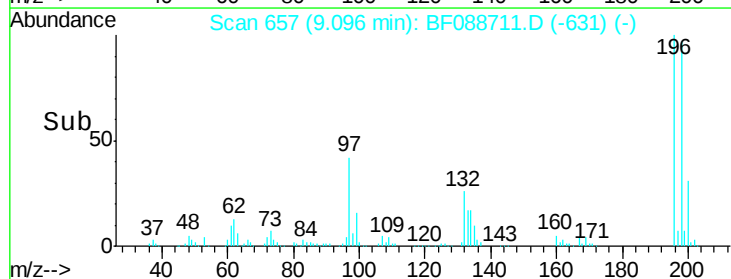
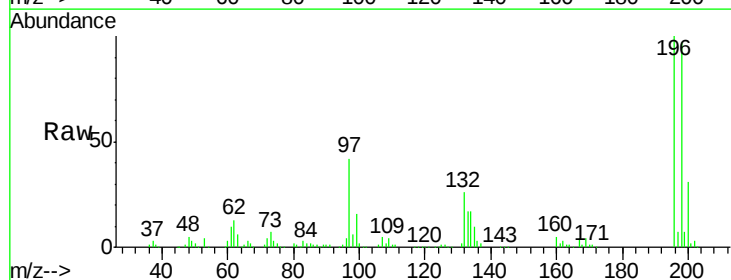
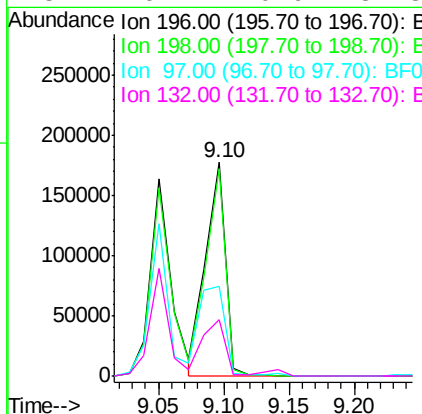
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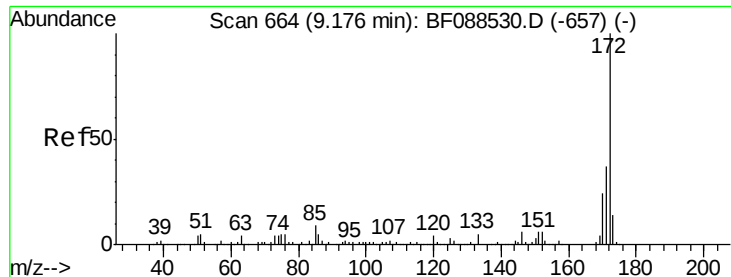
7/6/2016 7:19:18 PM



#43
 2,4,5-Trichlorophenol
 Concen: 47.57 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.5	116.3
97	42.1	32.0	48.0
132	26.2	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 88.76 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

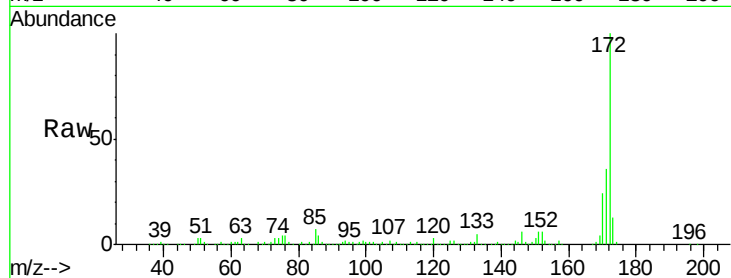
BNA_F

ClientSampleId :

PB91760BS

Tot Ion:172 Resp: 1183722

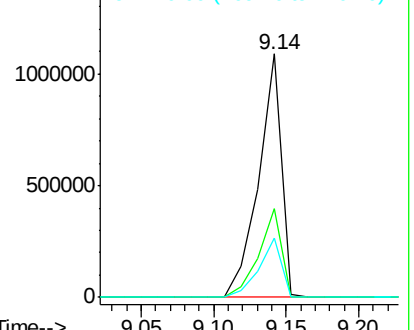
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.5	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E

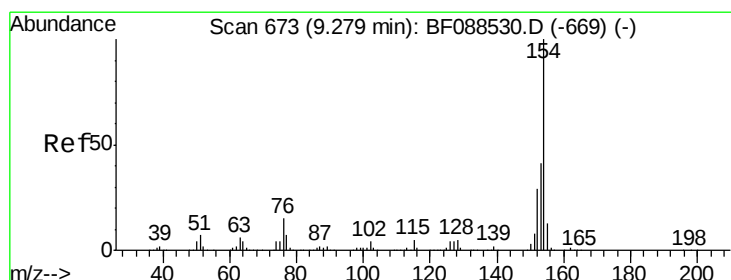
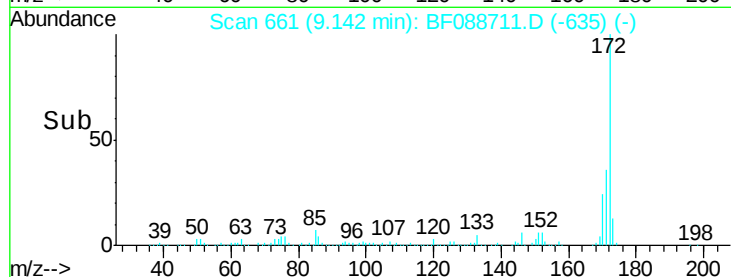
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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7/6/2016 7:19:18 PM



#45

1,1'-Biphenyl

Concen: 38.45 ng

RT: 9.23 min Scan# 669

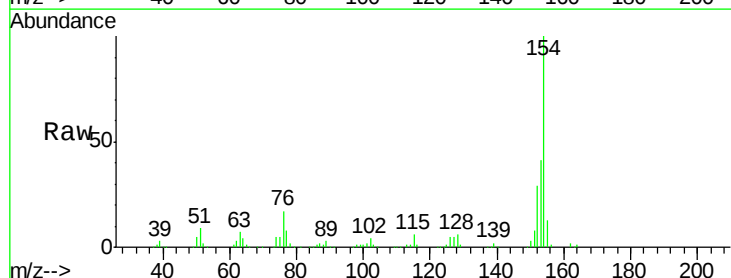
Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:154 Resp: 670766

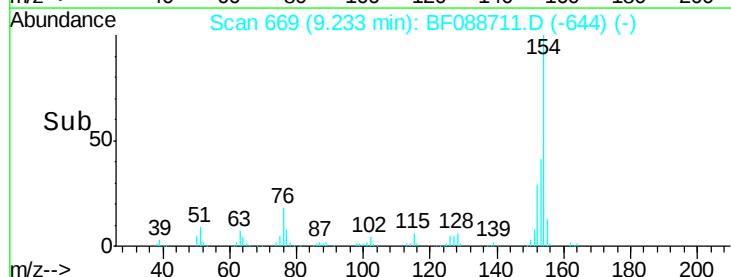
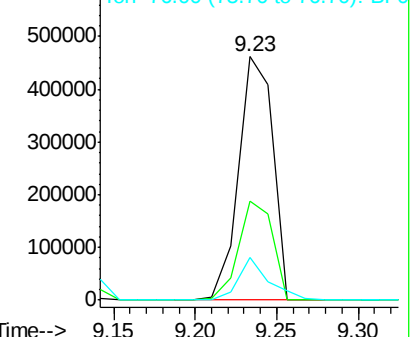
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	17.5	0.0	35.1

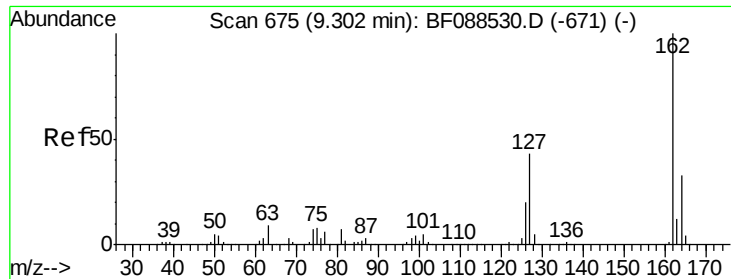


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

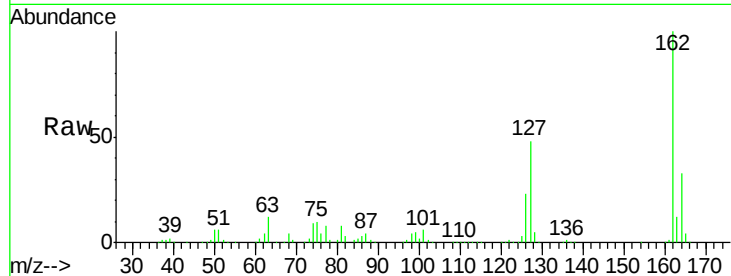




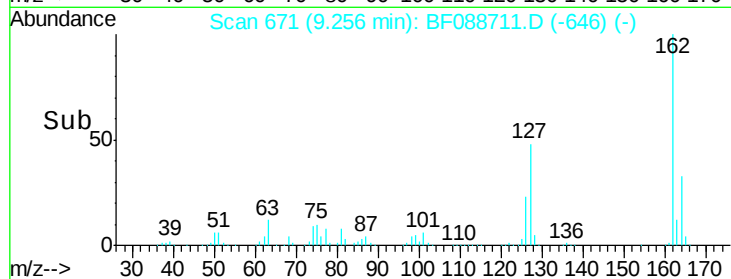
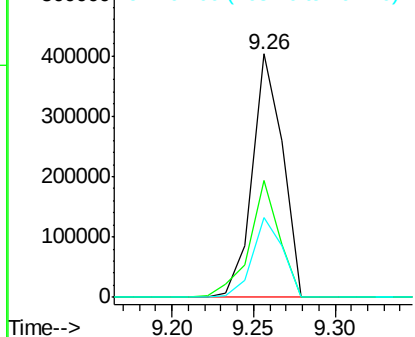
#46
2-Chloronaphthalene
Concen: 37.83 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	47.9	35.2	52.8
164	33.0	26.6	39.8

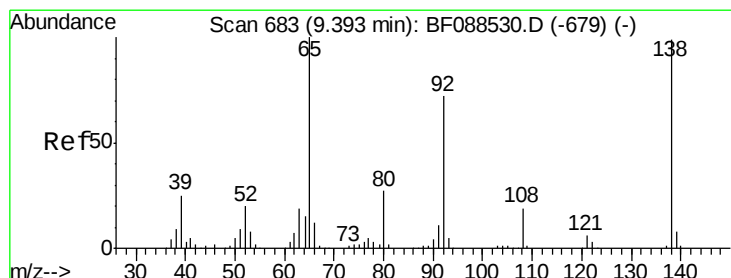


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



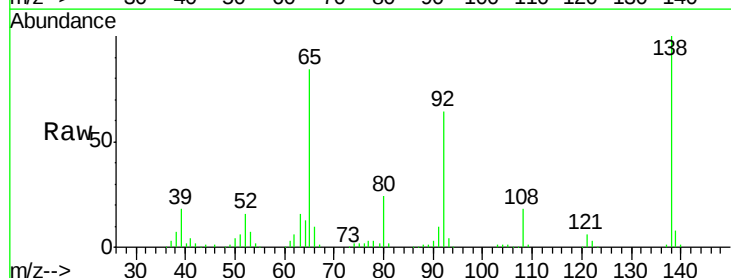
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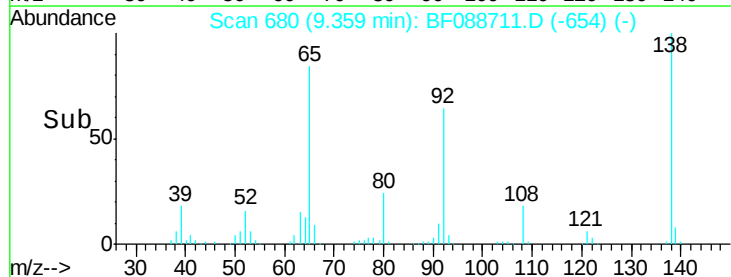
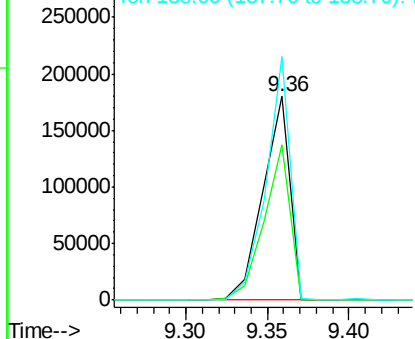


#47
2-Nitroaniline
Concen: 42.62 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	54.6	82.0
138	119.7	77.0	115.4



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

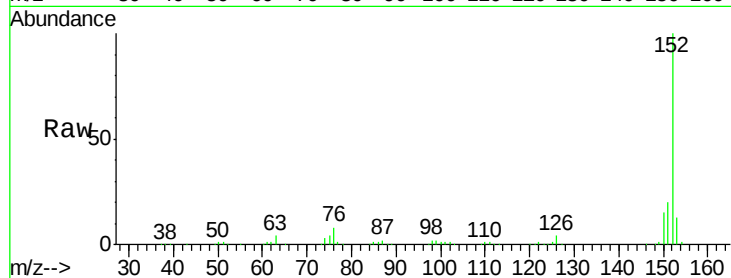




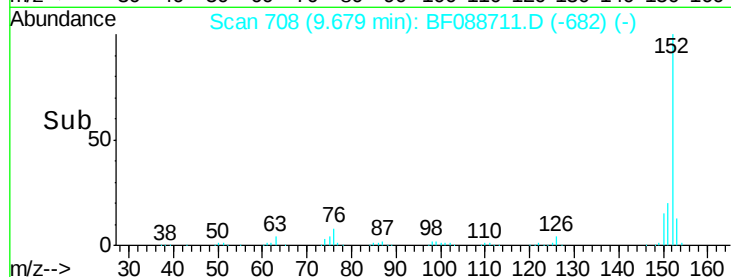
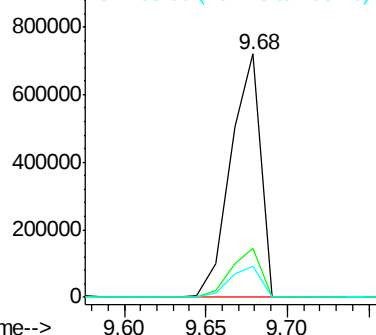
#48
Acenaphthylene
Concen: 42.11 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:	152	Resp:	917529
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	12.8	11.0	16.6

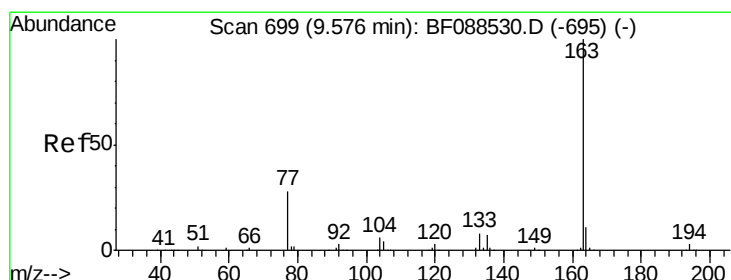


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



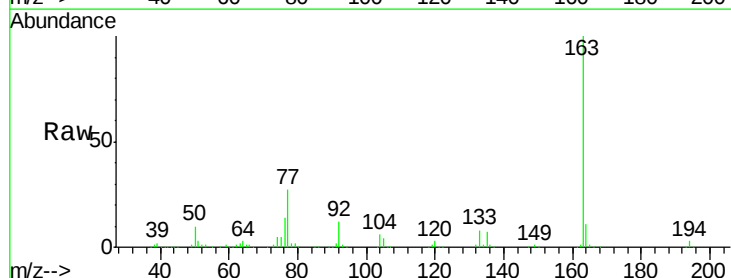
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7/6/2016 7:19:18 PM

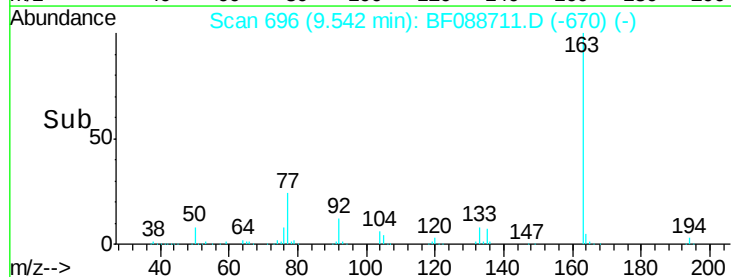
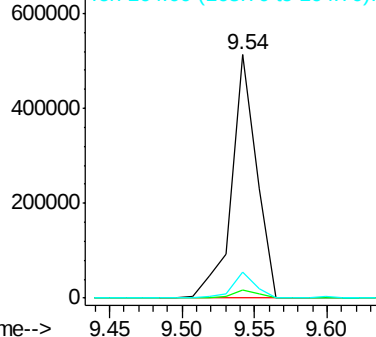


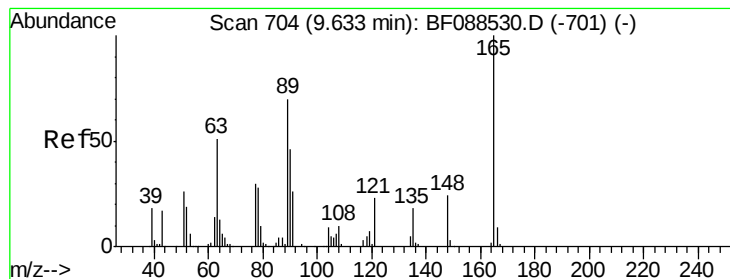
#49
Dimethylphthalate
Concen: 40.55 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:	163	Resp:	608550
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.8	4.2
164	10.5	8.3	12.5



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

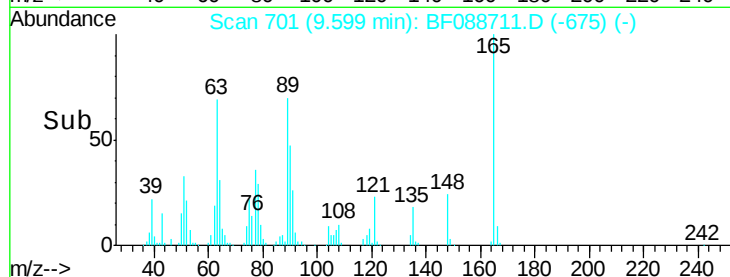
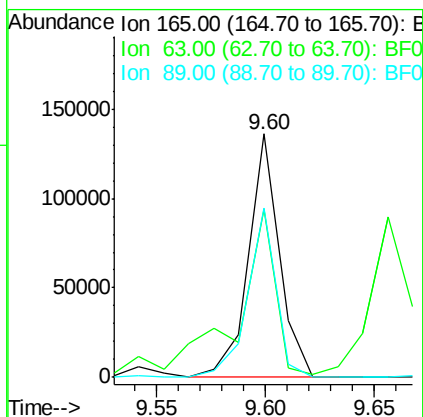
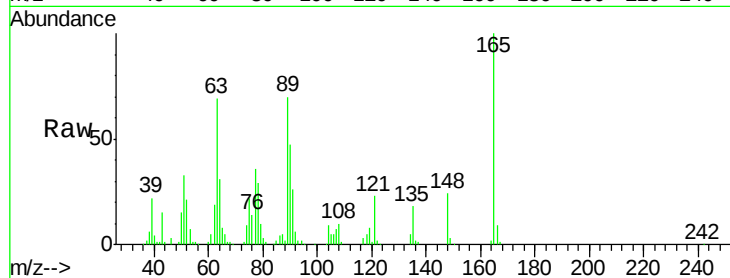




#50
2,6-Dinitrotoluene
Concen: 40.41 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

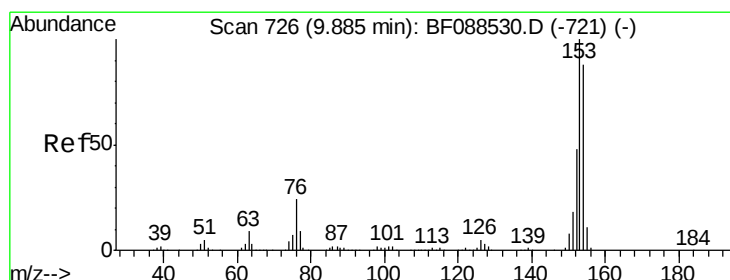
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.1	28.1	42.1#
89	69.5	32.2	48.2#



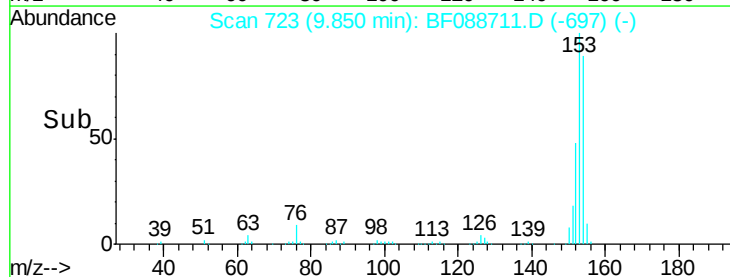
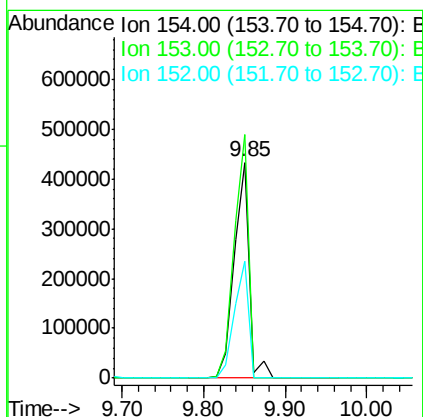
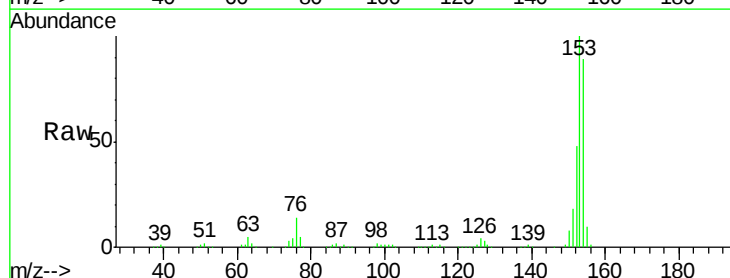
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7/6/2016 7:19:18 PM



#51
Acenaphthene
Concen: 41.74 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	53.9	42.7	64.1

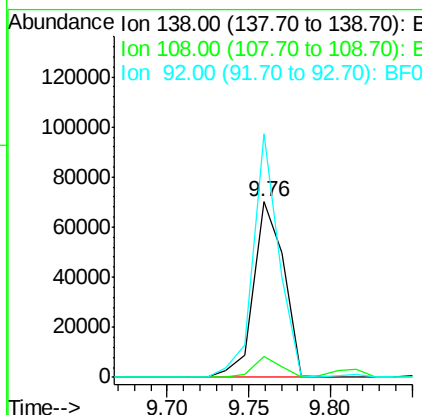
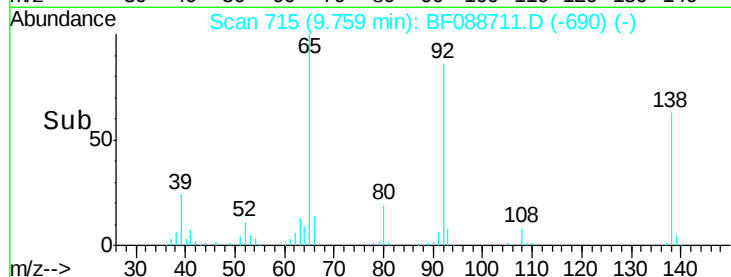
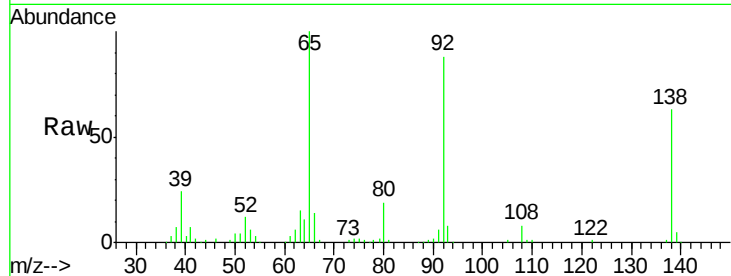




#52
3-Nitroaniline
Concen: 21.44 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

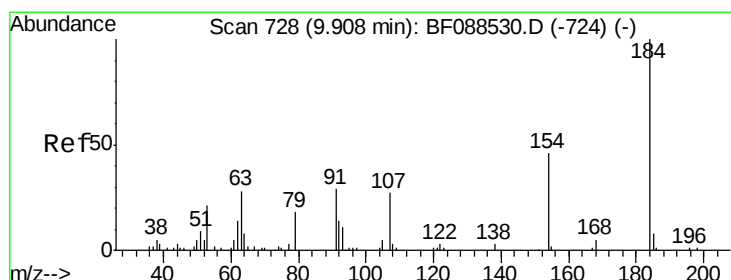
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:138 Resp: 90642
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 138.8 95.7 143.5



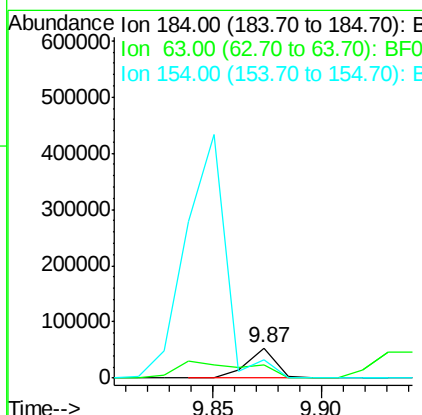
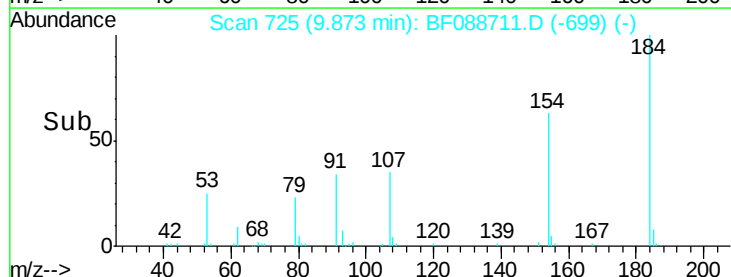
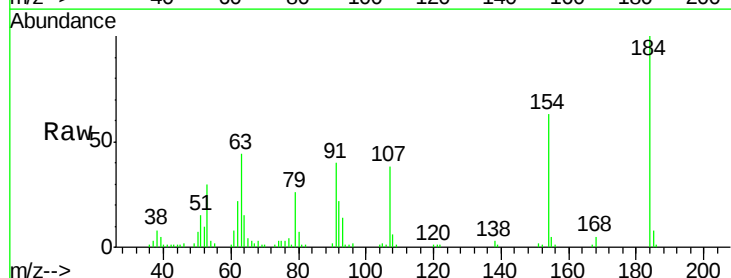
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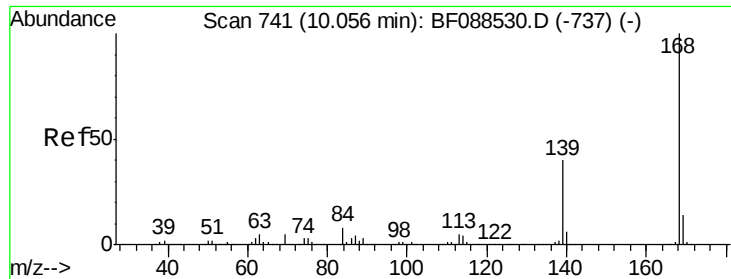
7/6/2016 7:19:18 PM



#53
2,4-Dinitrophenol
Concen: 32.65 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:184 Resp: 47958
Ion Ratio Lower Upper
184 100
63 43.8 57.6 86.4#
154 63.0 53.5 80.3

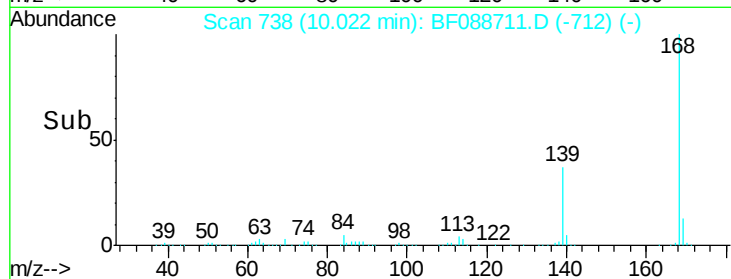
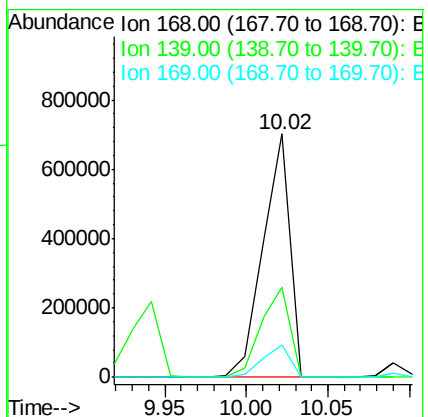
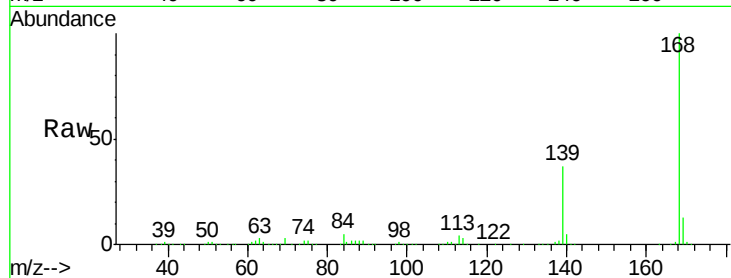




#54
Dibenzofuran
Concen: 45.77 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

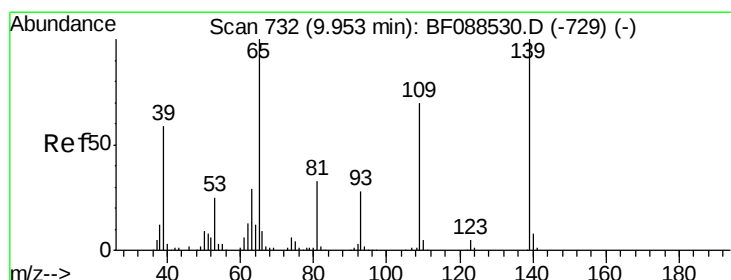
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	26.4	39.6
169	13.1	10.4	15.6



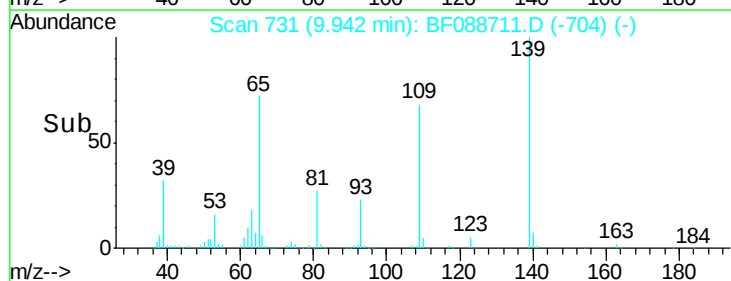
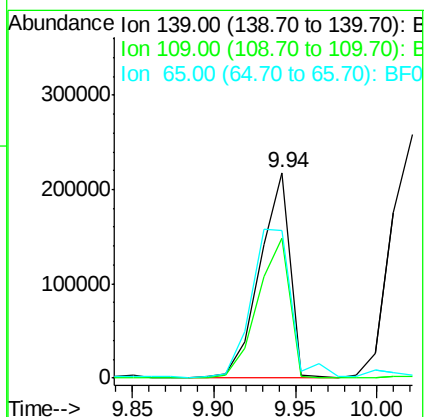
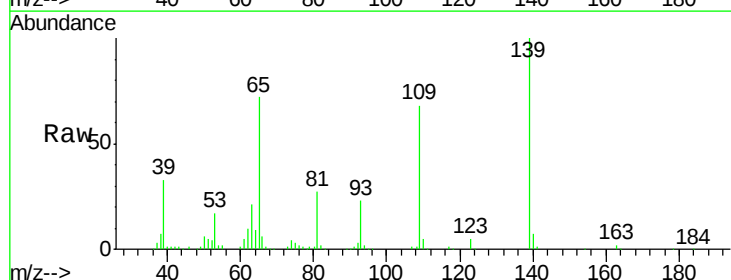
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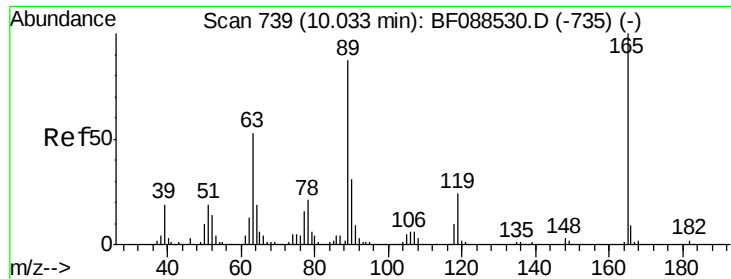
7/6/2016 7:19:18 PM



#55
4-Nitrophenol
Concen: 87.22 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.9	88.9
65	72.0	84.9	124.9

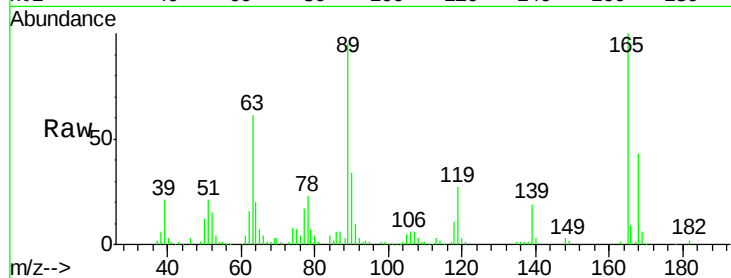




#56
2,4-Dinitrotoluene
Concen: 41.79 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.6	22.0	33.0#
89	94.8	41.1	61.7#
182	2.3	2.0	3.0



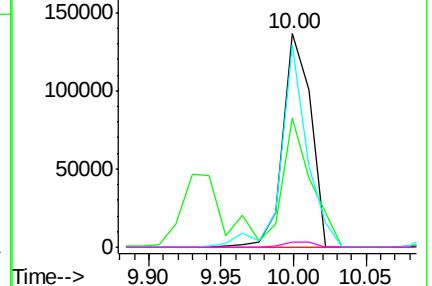
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

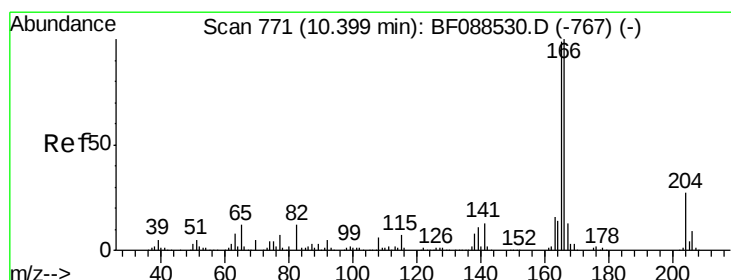
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



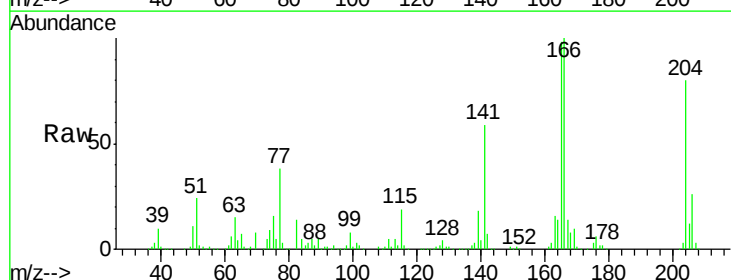
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7/6/2016 7:19:18 PM



#57
Fluorene
Concen: 40.70 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.9	11.2	16.8

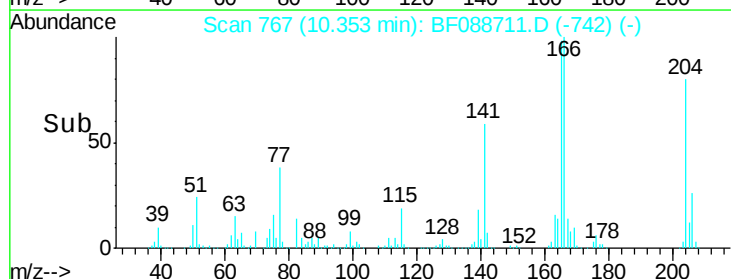
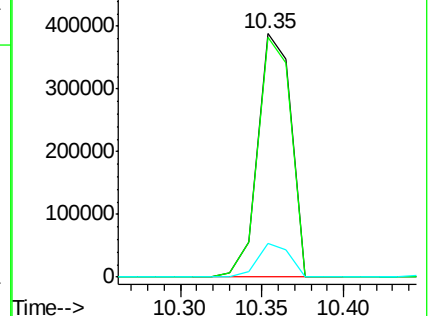


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

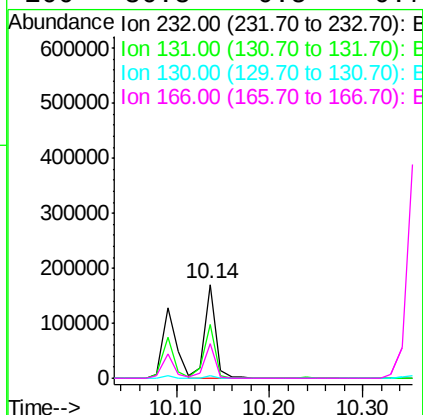
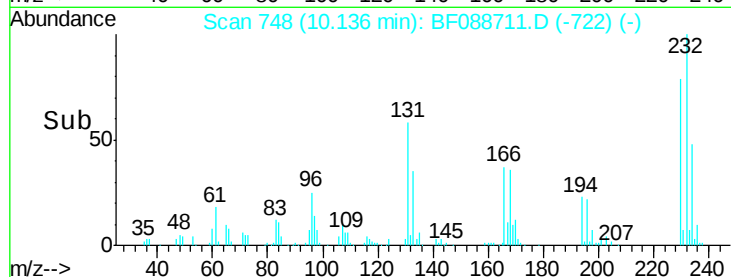
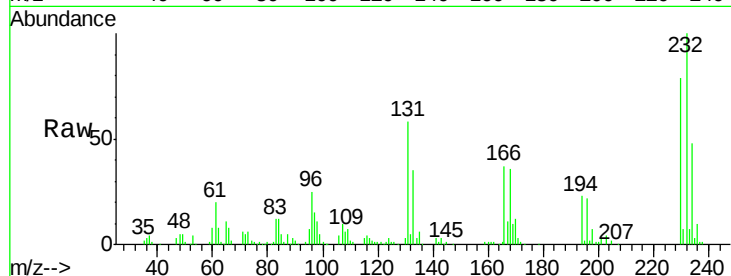




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.35 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

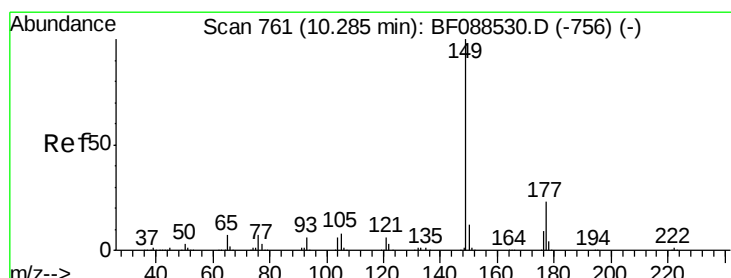
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion:	232	Resp:	145605
Ion Ratio	Lower	Upper	
232	100		
131	58.5	0.9	1.3#
130	2.8	1.5	2.3#
166	36.8	0.5	0.7#



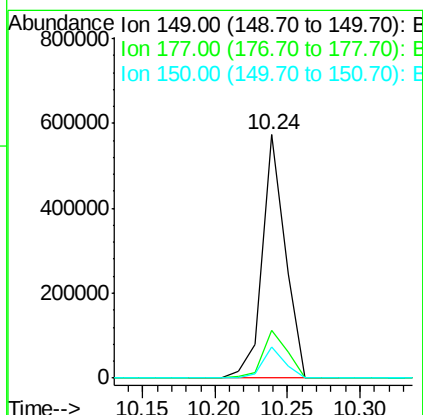
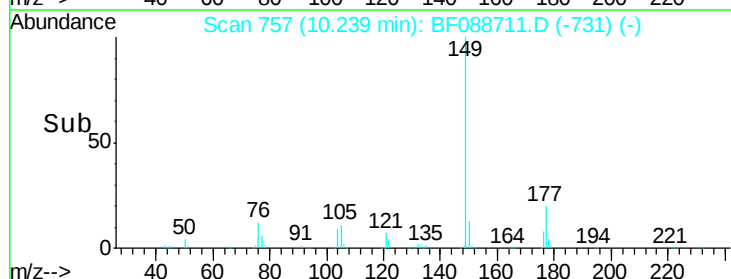
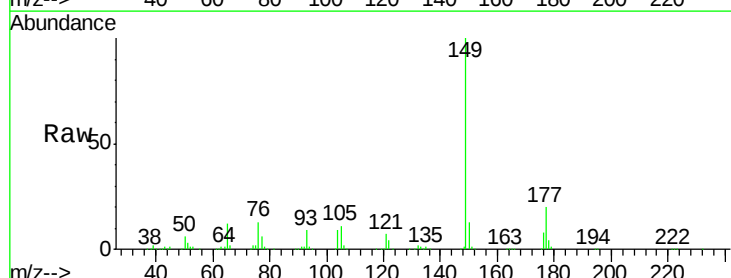
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7/6/2016 7:19:18 PM



#59
 Diethylphthalate
 Concen: 41.69 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:	149	Resp:	627914
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.9	25.3
150	12.9	10.1	15.1

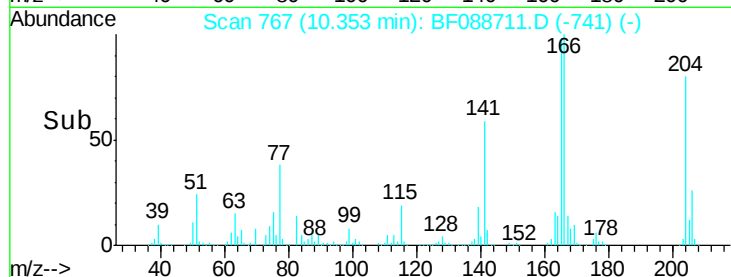
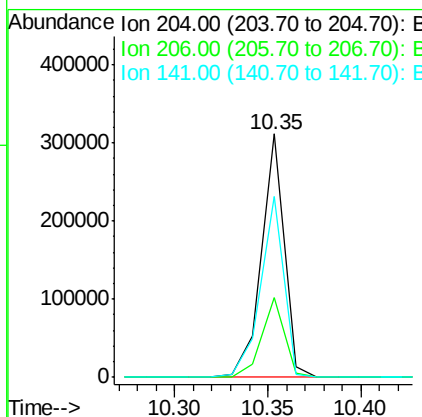
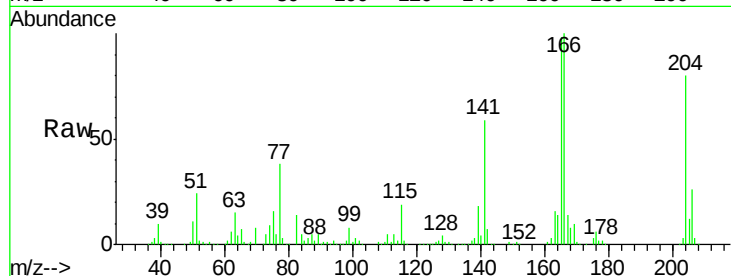




#60
 4-Chlorophenyl-phenylether
 Concen: 41.73 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

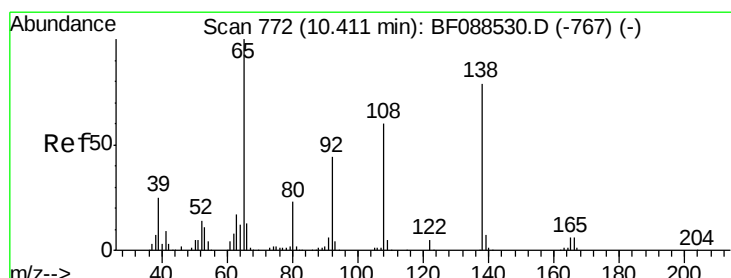
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	74.1	55.0	82.6



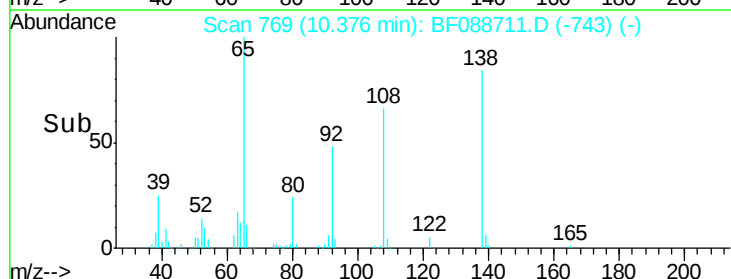
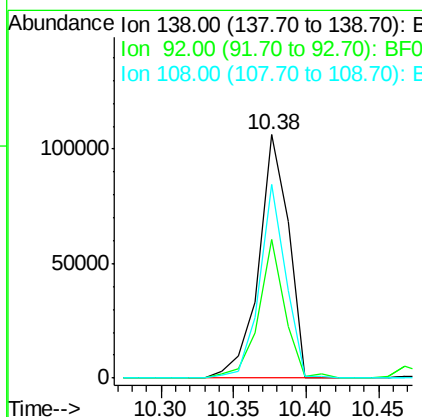
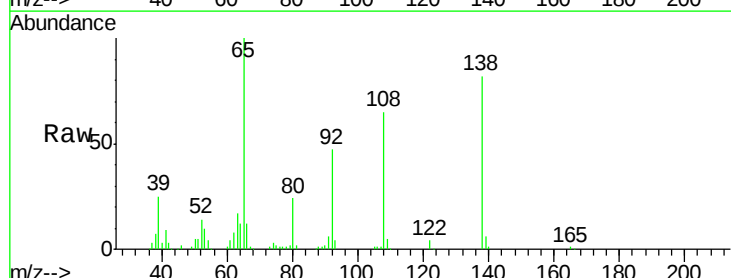
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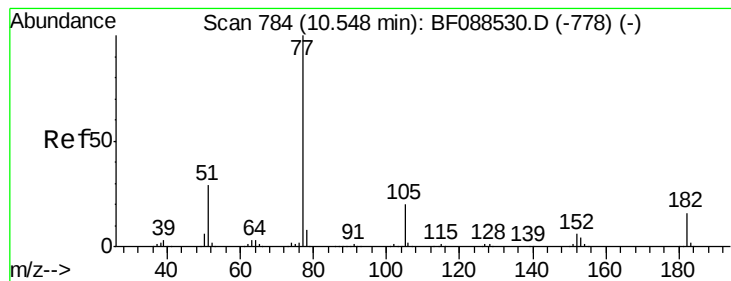
7/6/2016 7:19:18 PM



#61
 4-Nitroaniline
 Concen: 37.23 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	27.3	67.3
108	79.3	46.7	86.7





#62

Azobenzene

Concen: 45.91 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

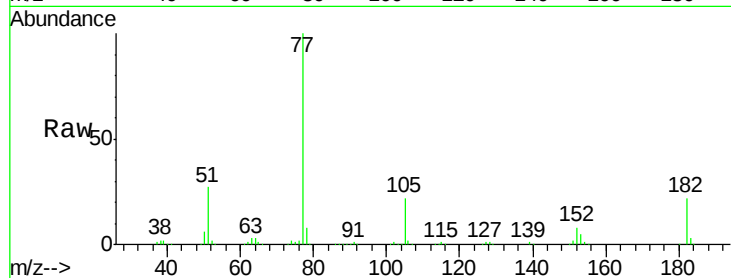
Instrument :

BNA_F

ClientSampled :

PB91760BS

Tot Ion	77	Resp	788709
Ion Ratio	Lower	Upper	
77	100		
182	21.6	4.4	44.4
105	22.4	3.8	43.8
51	26.9	9.3	49.3

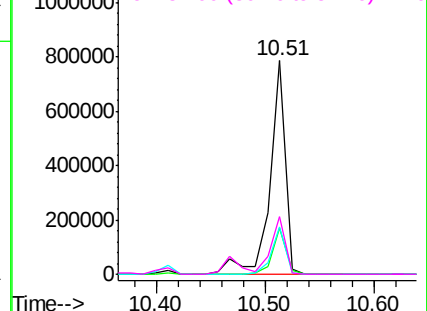
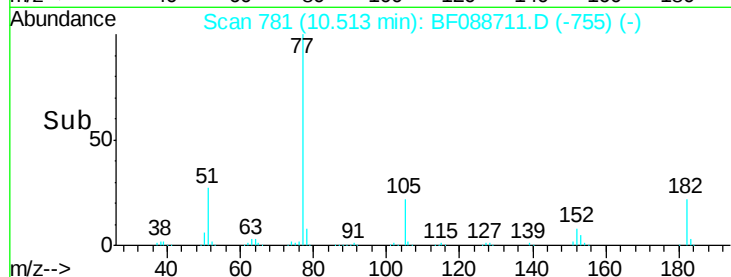


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

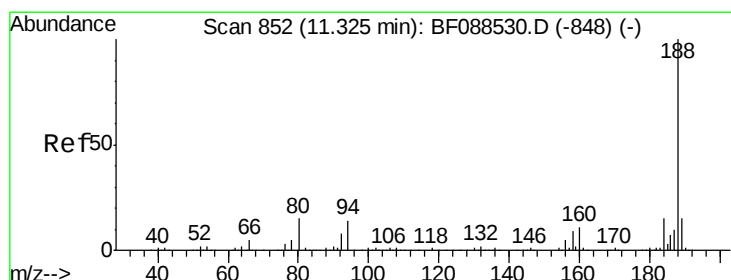
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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7/6/2016 7:19:18 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

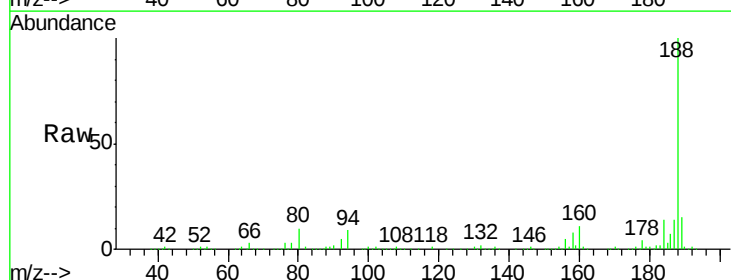
RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

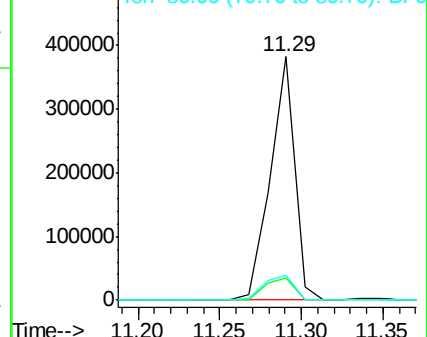
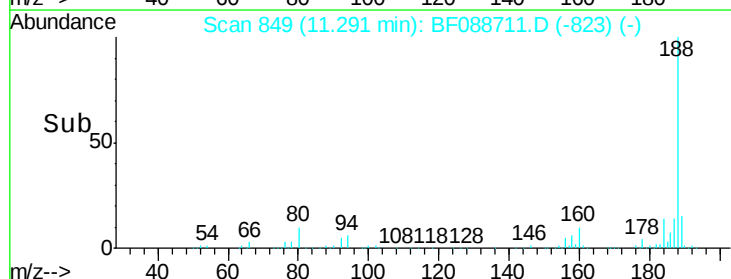
Tgt Ion	188	Resp	397690
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.0	13.6#
80	10.0	10.0	15.0

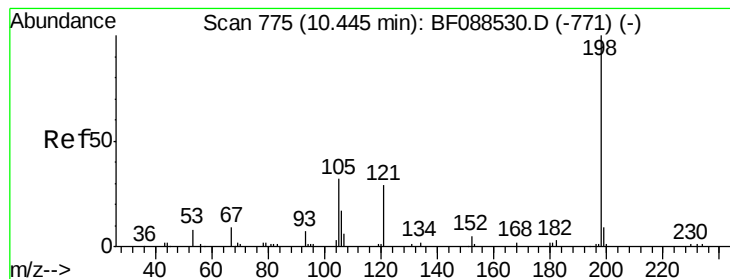


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

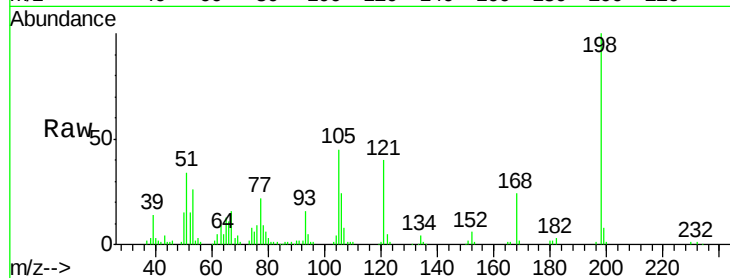




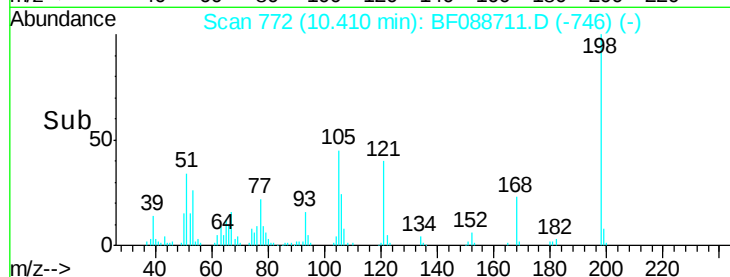
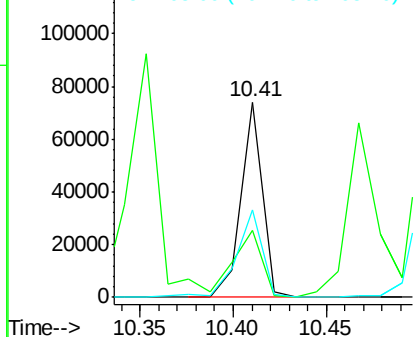
#64
4,6-Dinitro-2-methylphenol
Concen: 28.14 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:198 Resp: 59863
Ion Ratio Lower Upper
198 100
51 33.9 39.6 79.6#
105 44.5 36.6 76.6

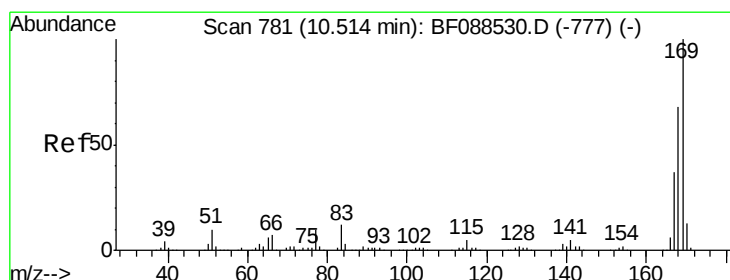


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



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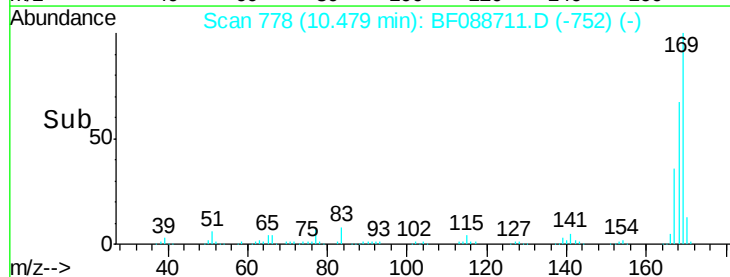
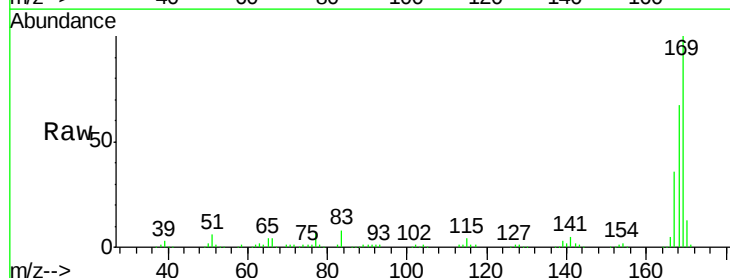
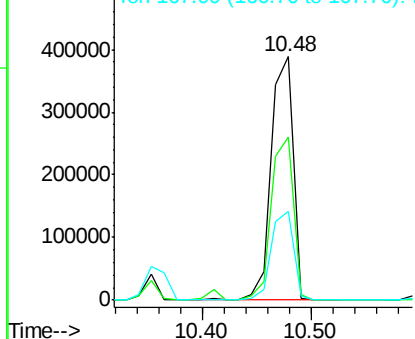
7/6/2016 7:19:18 PM



#65
n-Nitrosodiphenylamine
Concen: 40.27 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:169 Resp: 542076
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.3 29.4 44.0

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

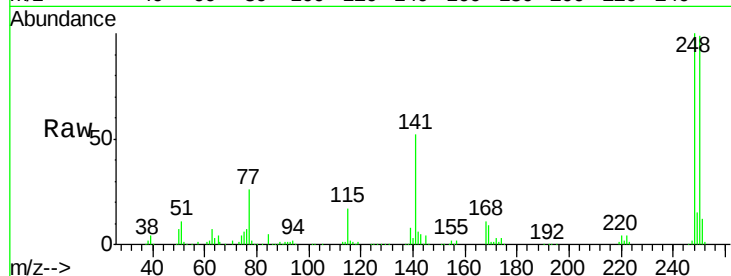




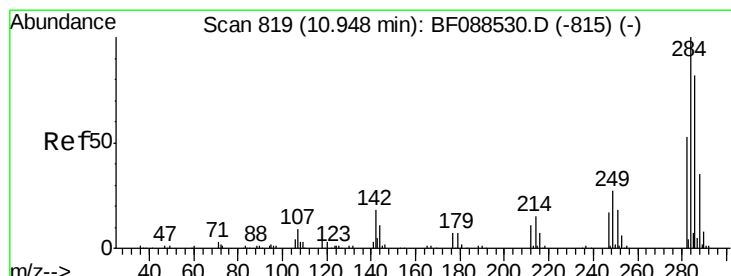
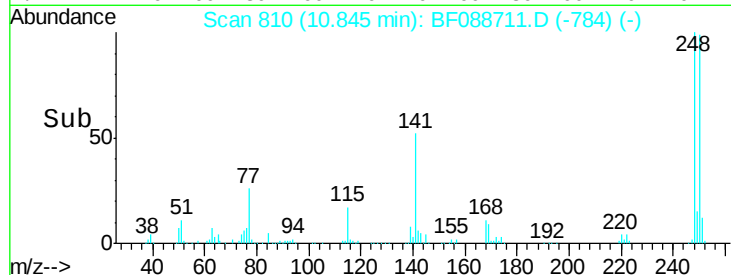
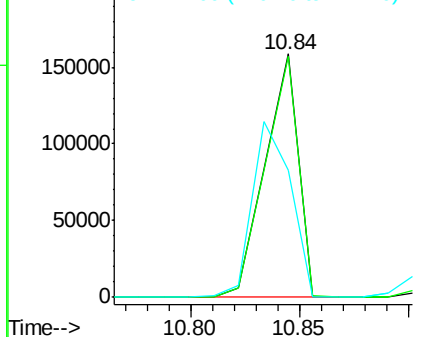
#66
4-Bromophenyl-phenylether
Concen: 42.62 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:248 Resp: 170799
Ion Ratio Lower Upper
248 100
250 98.9 77.1 115.7
141 52.2 50.6 76.0

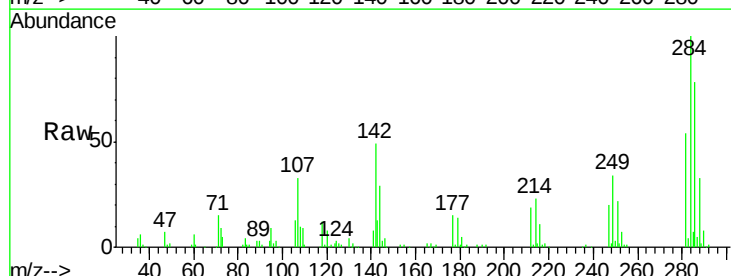


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

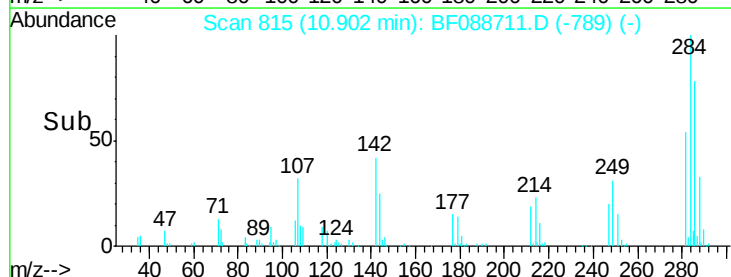
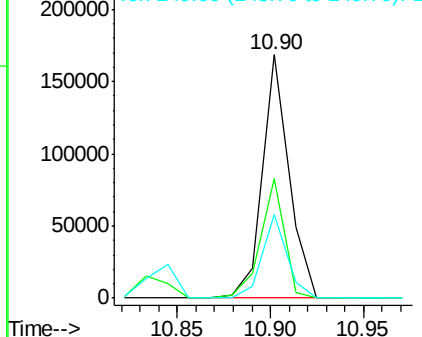


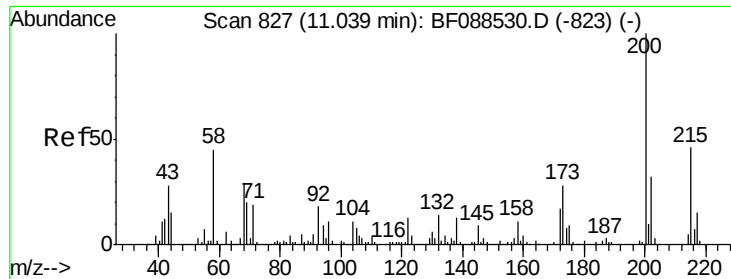
#67
Hexachlorobenzene
Concen: 37.16 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:284 Resp: 164840
Ion Ratio Lower Upper
284 100
142 48.9 35.8 53.8
249 34.2 25.8 38.6



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

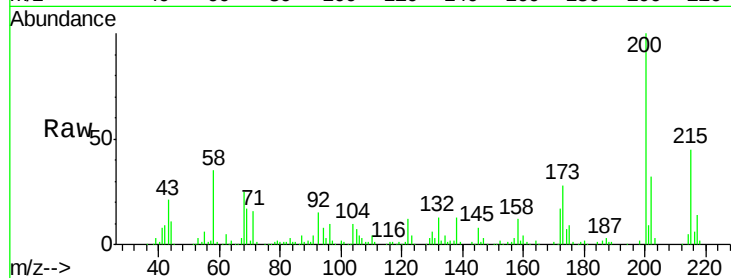




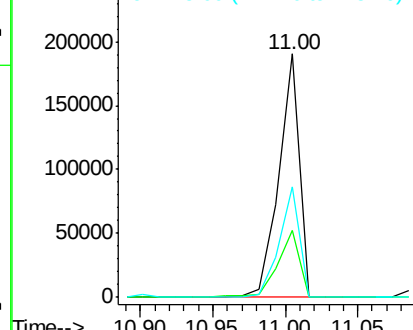
#68
Atrazine
Concen: 44.40 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	4.0	44.0
215	45.1	29.3	69.3

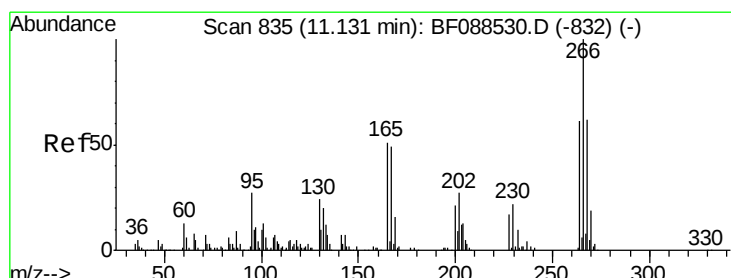
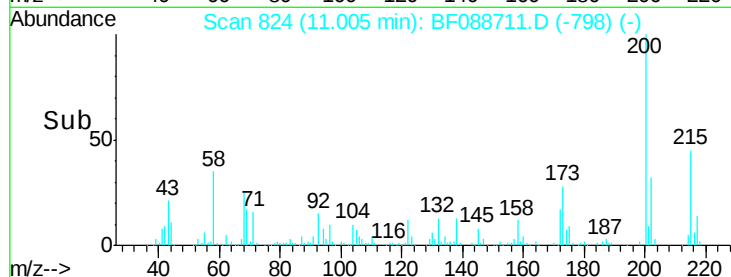


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



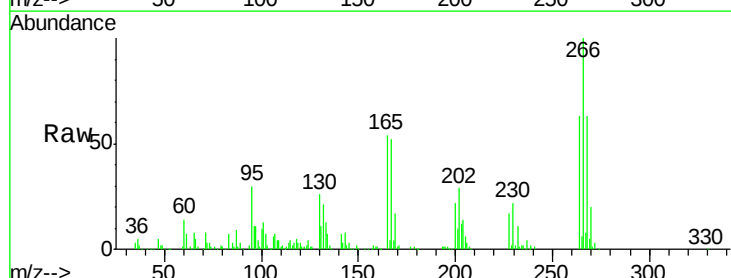
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7/6/2016 7:19:18 PM

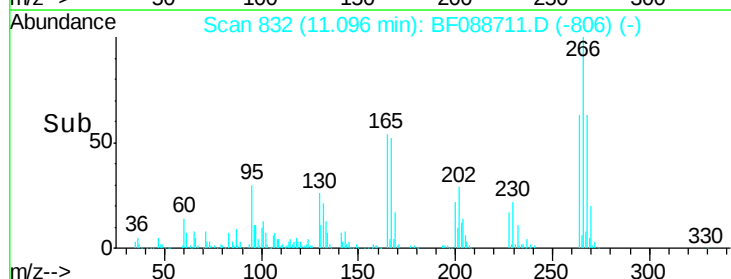
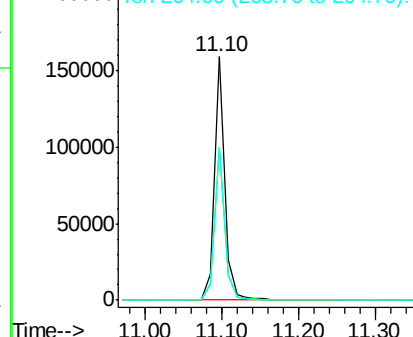


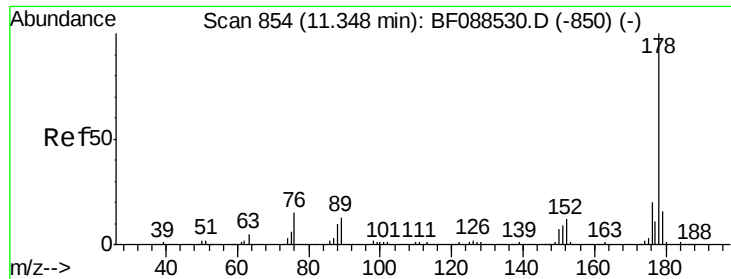
#69
Pentachlorophenol
Concen: 55.43 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.8	79.2
264	62.9	49.6	74.4



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

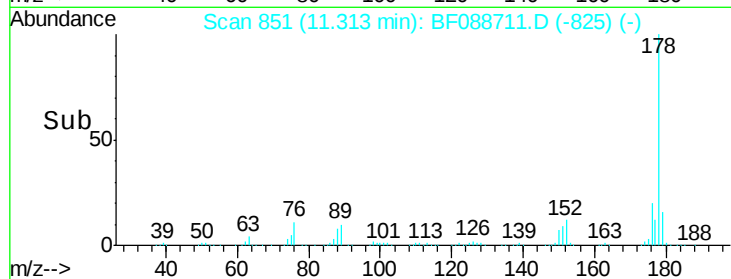
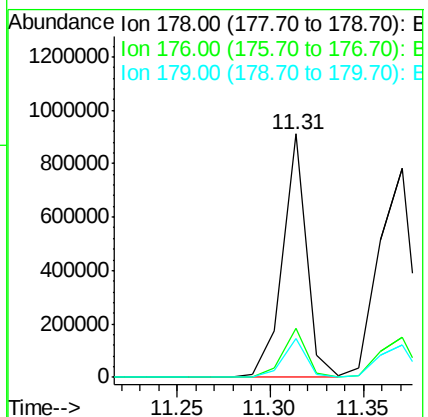
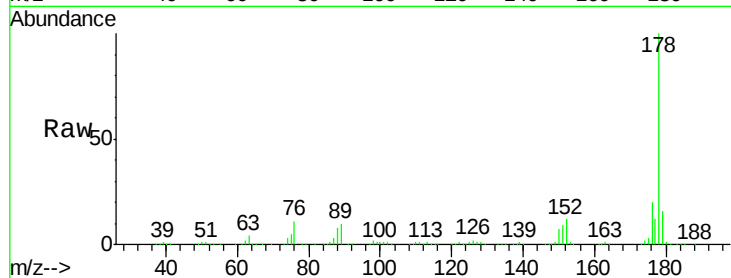




#70
Phenanthrene
Concen: 37.54 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

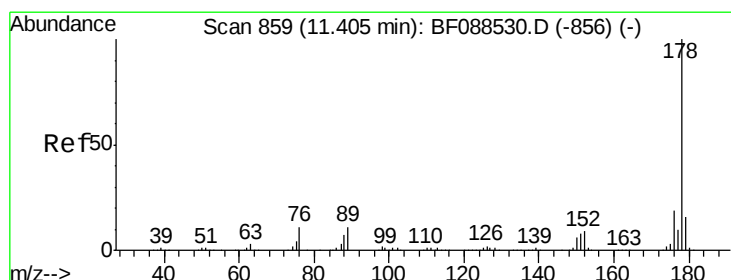
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:178 Resp: 816060
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.9 13.0 19.4



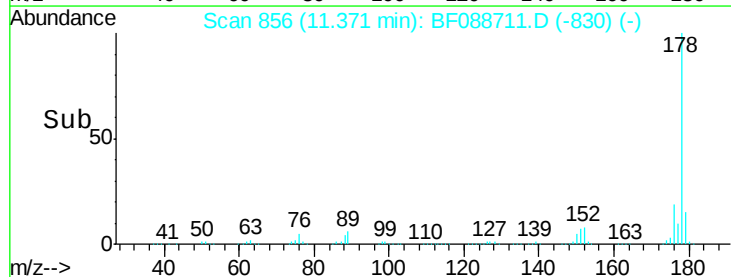
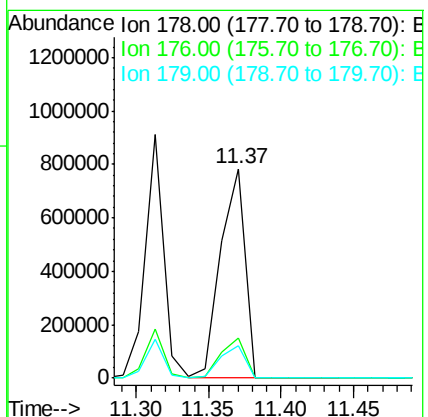
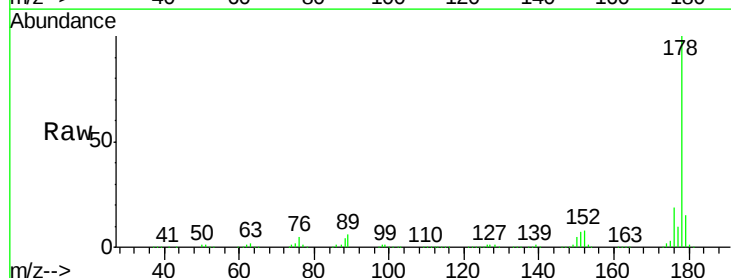
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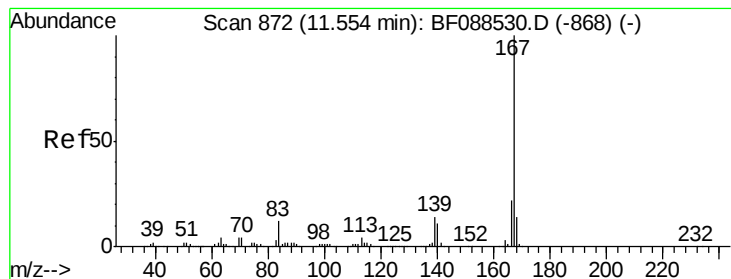
7/6/2016 7:19:18 PM



#71
Anthracene
Concen: 42.55 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:178 Resp: 919733
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.4 12.8 19.2





#72

Carbazole

Concen: 37.26 ng

RT: 11.52 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

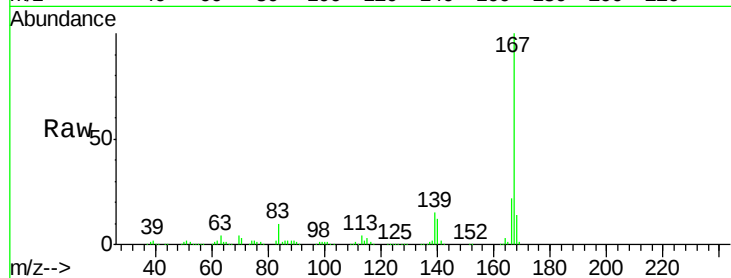
Tot Ion:167 Resp: 758127

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

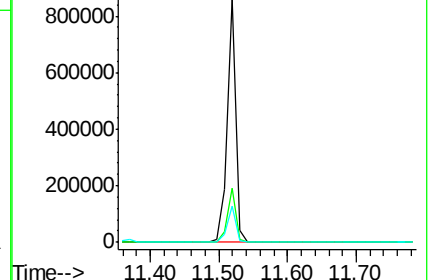
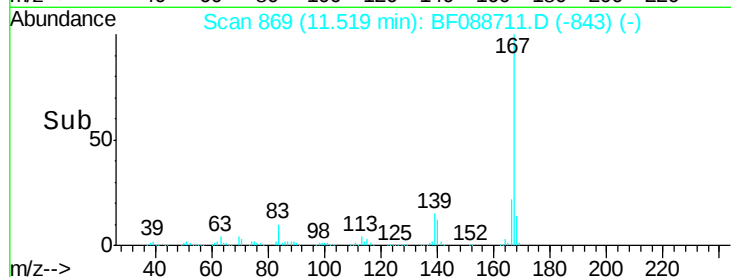
139 14.9 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

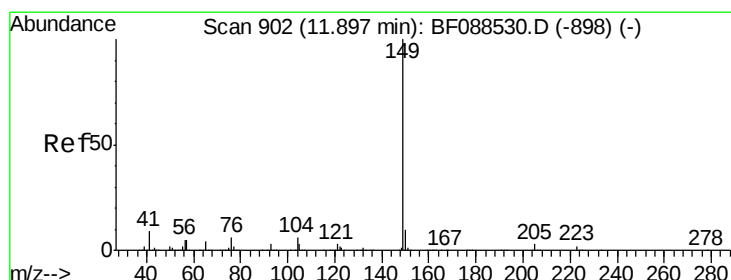
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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7/6/2016 7:19:18 PM



#73

Di-n-butylphthalate

Concen: 45.14 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

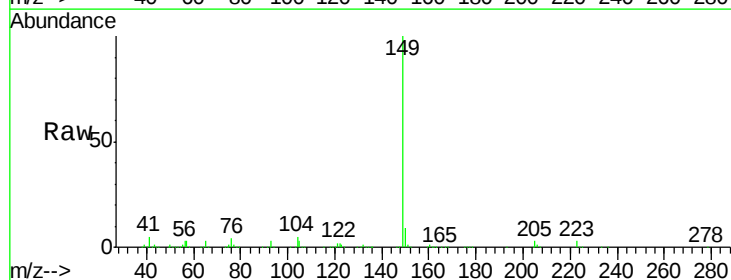
Tgt Ion:149 Resp: 1068253

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

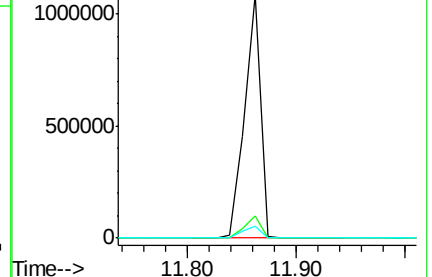
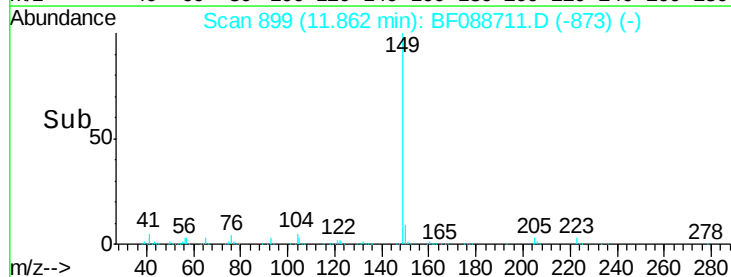
104 4.7 4.0 6.0

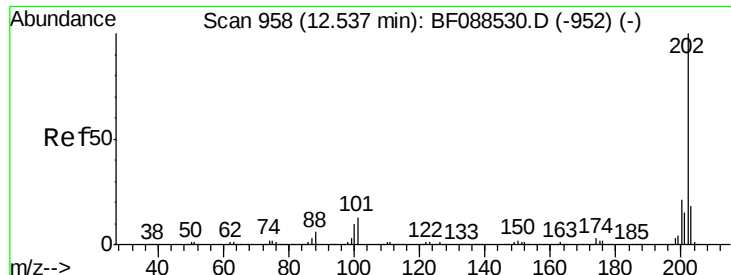


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

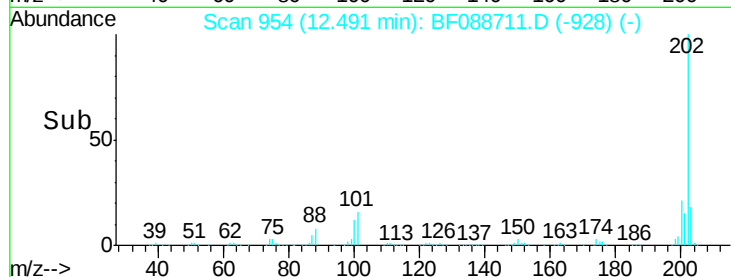
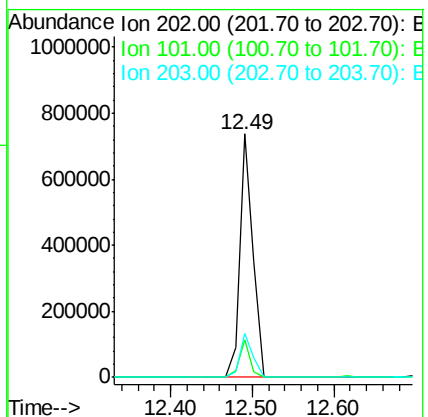
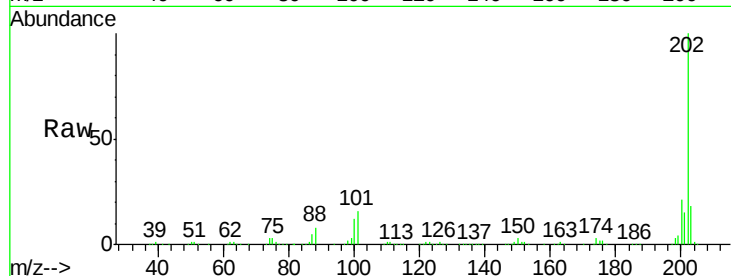




#74
Fluoranthene
 Concen: 37.06 ng
 RT: 12.49 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

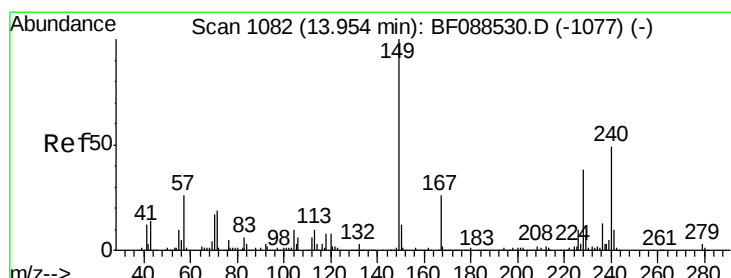
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	33.1
203	18.0	0.0	38.1



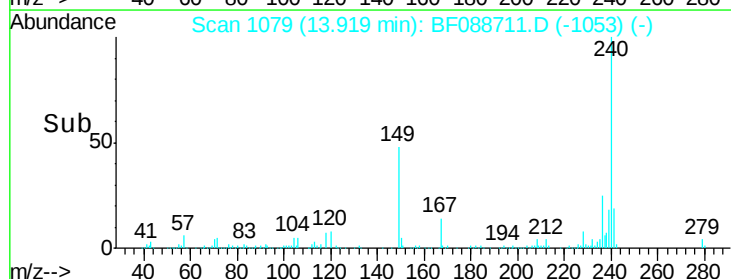
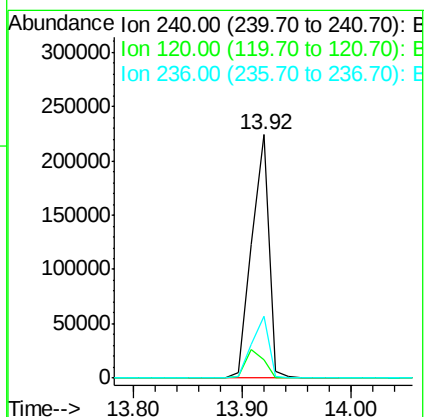
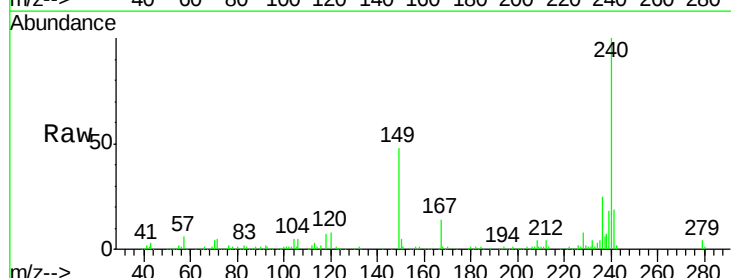
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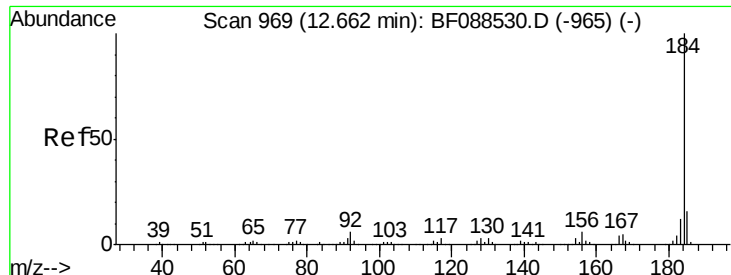
7/6/2016 7:19:18 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	25.2	20.2	30.2

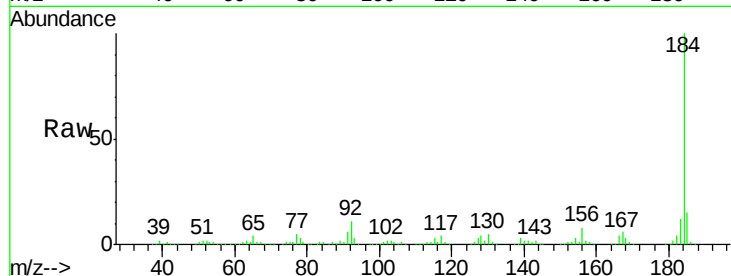




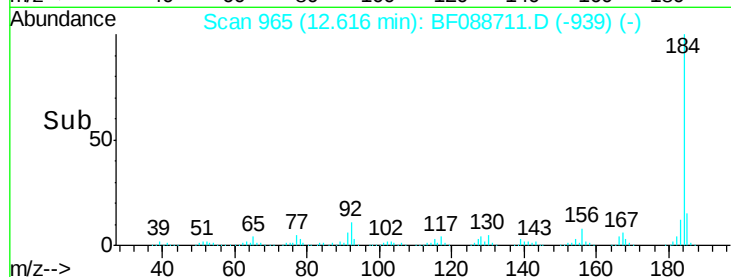
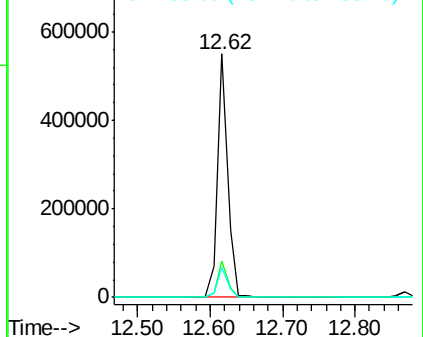
#76
Benzidine
Concen: 42.88 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.5	18.7
183	12.4	9.3	13.9

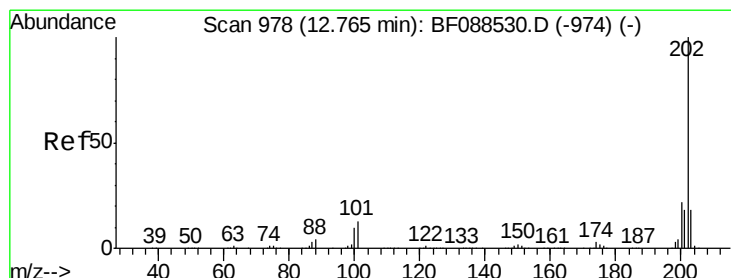


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



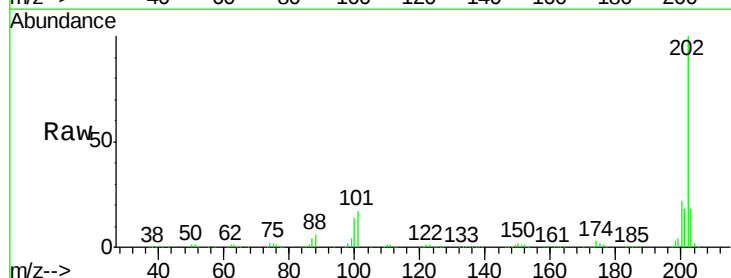
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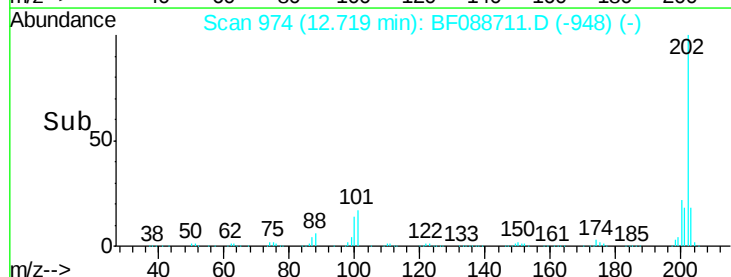
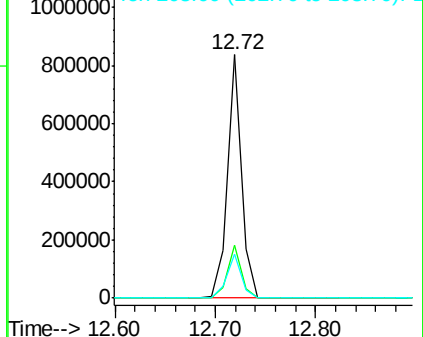


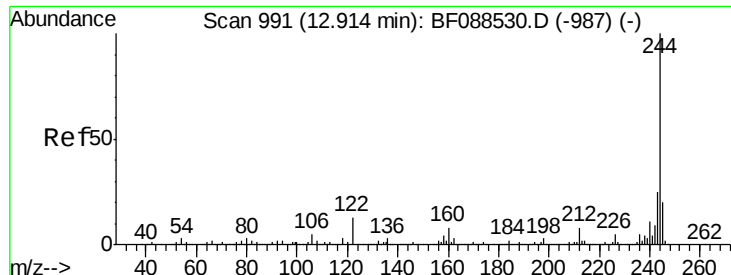
#77
Pyrene
Concen: 38.42 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

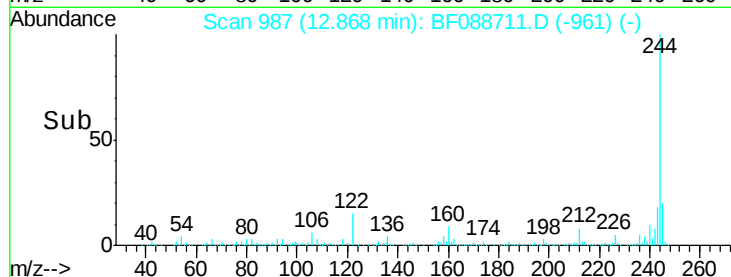
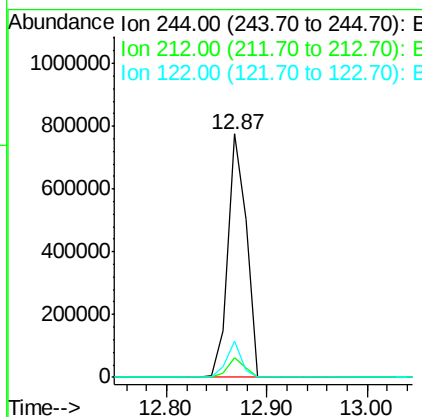
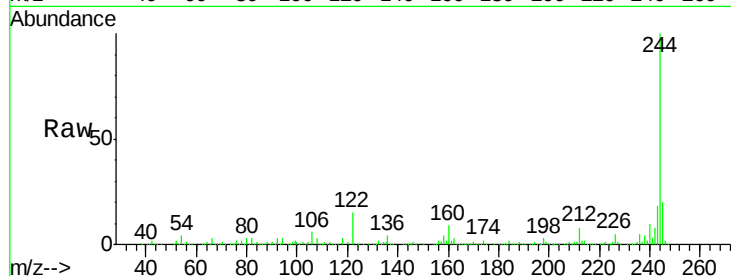




#78
 Terphenyl-d14
 Concen: 88.25 ng
 RT: 12.87 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

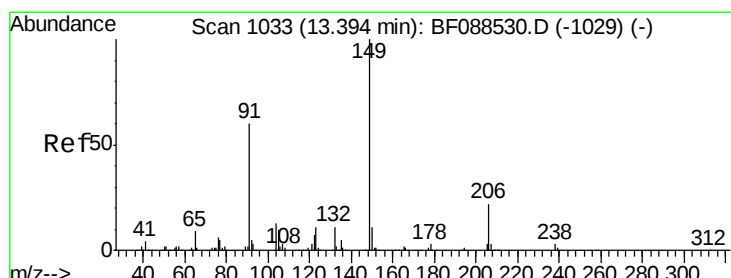
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.1	11.2	16.8



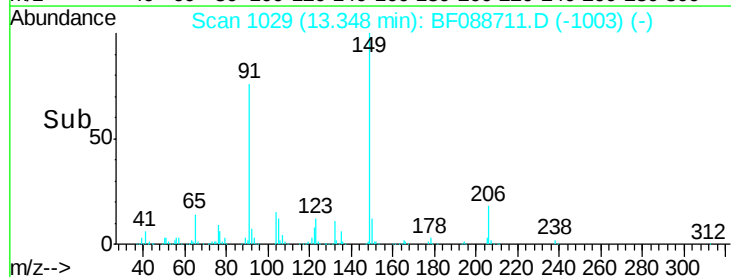
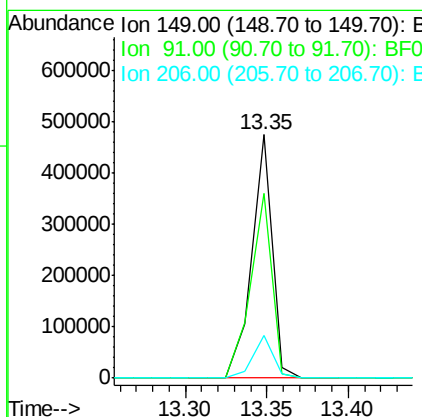
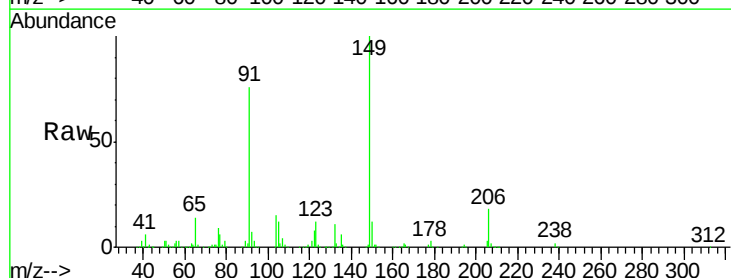
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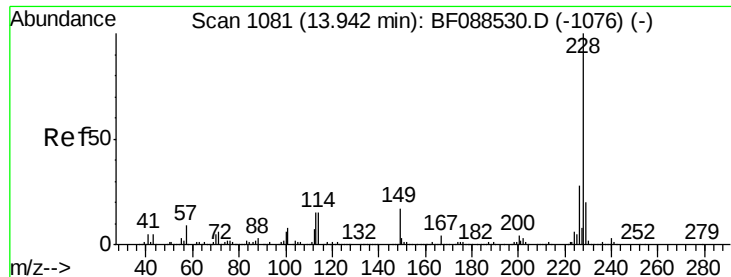
7/6/2016 7:19:18 PM



#79
 Butylbenzylphthalate
 Concen: 44.08 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.8	48.0	72.0#
206	17.7	16.0	24.0

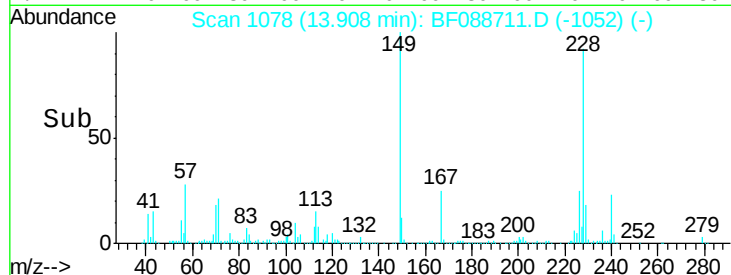
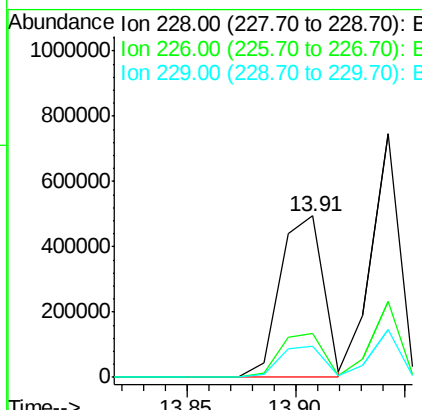
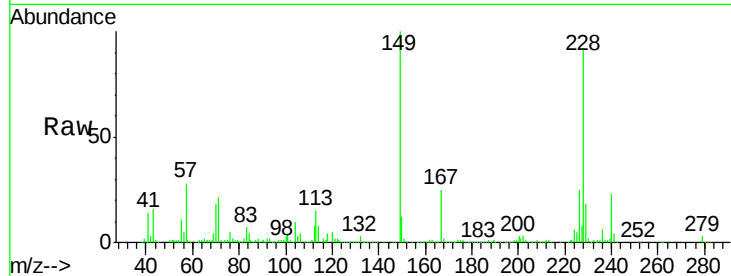




#80
Benzo(a)anthracene
Concen: 42.82 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

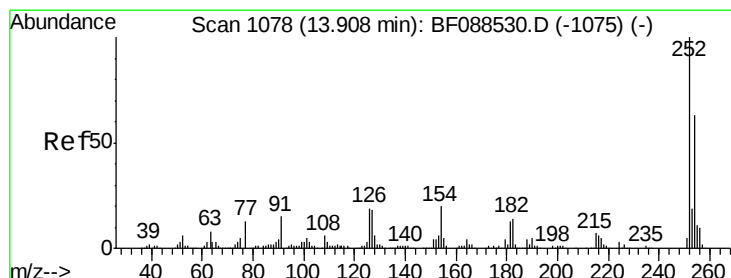
Instrument :
BNA_F
ClientSampled :
PB91760BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.4	22.3	33.5	
229	19.6	16.0	24.0	



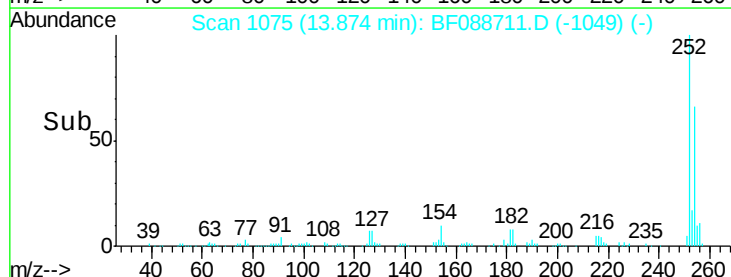
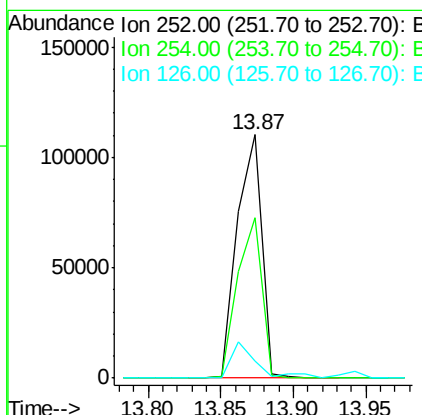
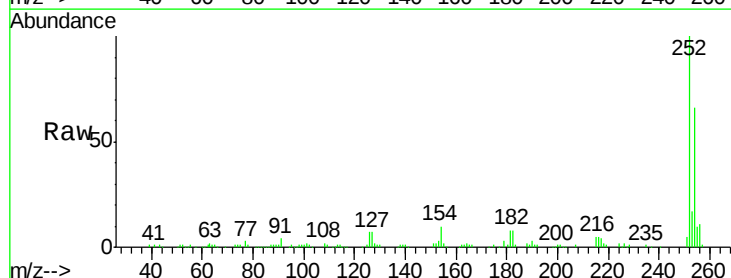
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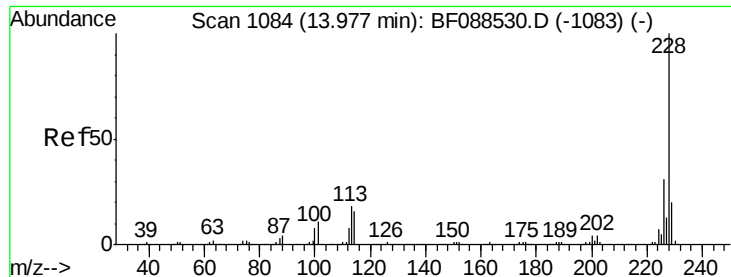
7/6/2016 7:19:18 PM



#81
3,3'-Dichlorobenzidine
Concen: 21.62 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	65.9	52.6	78.8	
126	7.1	6.2	9.2	

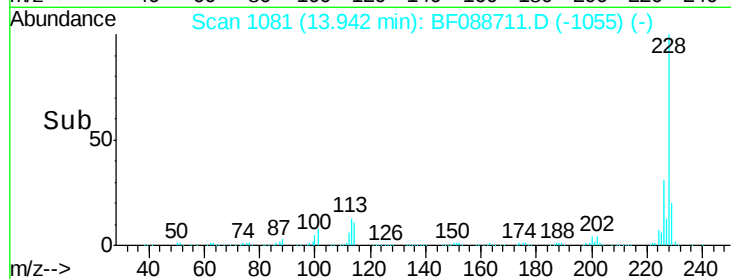
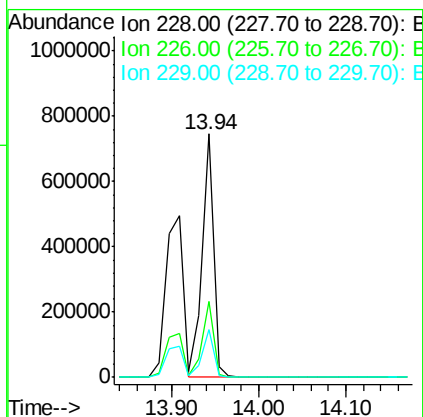
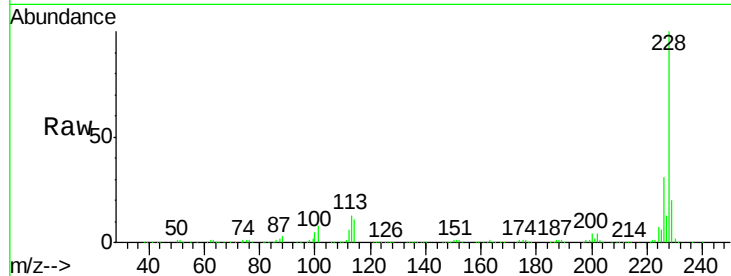




#82
Chrysene
Concen: 42.43 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

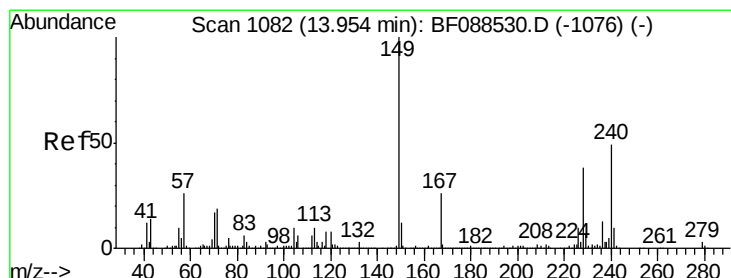
Instrument :
BNA_F
ClientSampleID :
PB91760BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	19.7	16.3	24.5



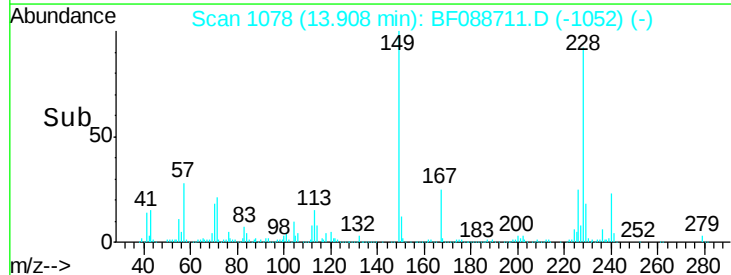
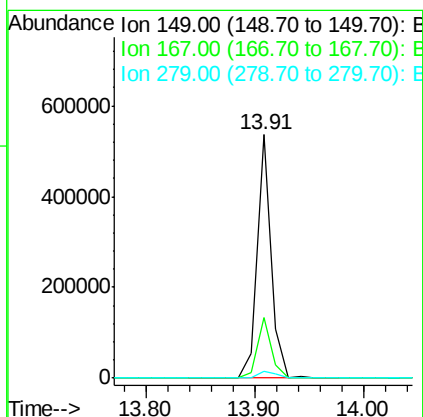
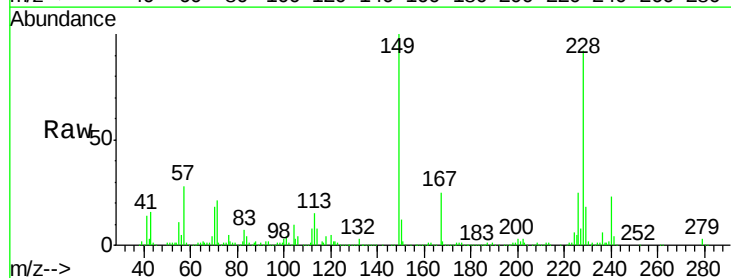
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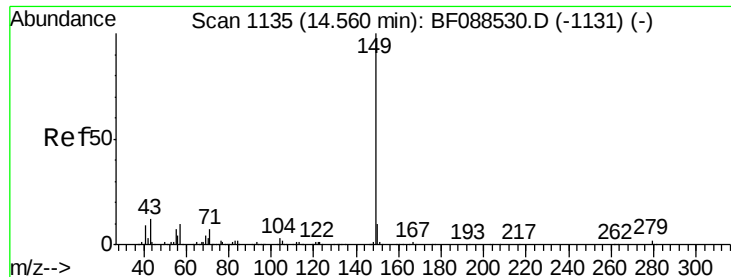
7/6/2016 7:19:18 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 45.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	2.6	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 41.52 ng

RT: 14.51 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

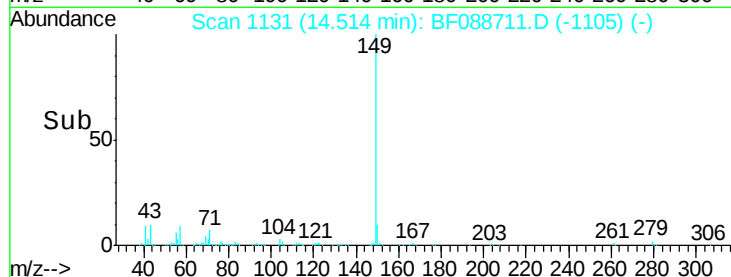
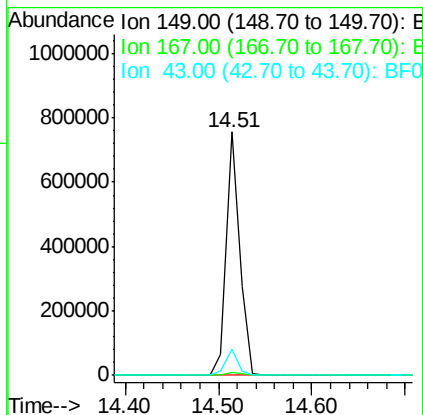
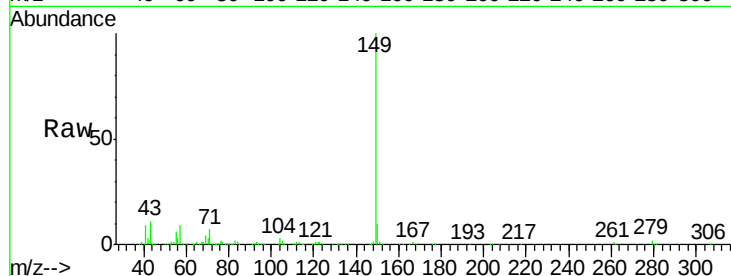
Instrument :

BNA_F

ClientSampleId :

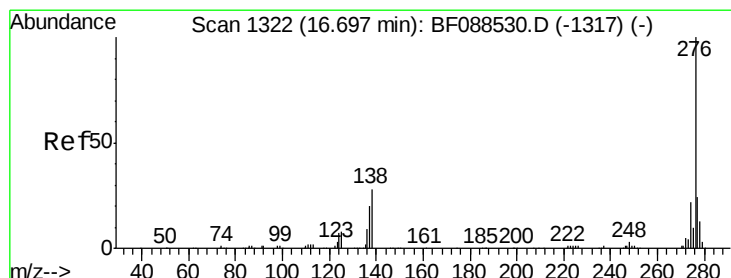
PB91760BS

Tot Ion:	149	Resp:	758143
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#



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7/6/2016 7:19:18 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.13 ng

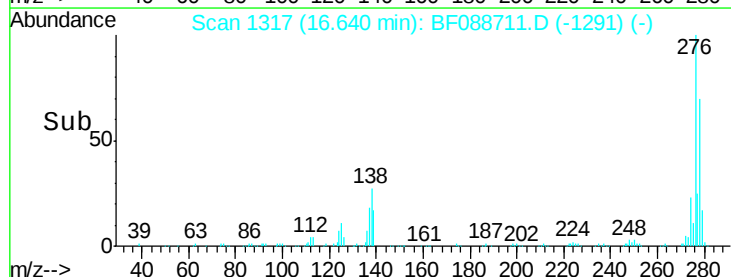
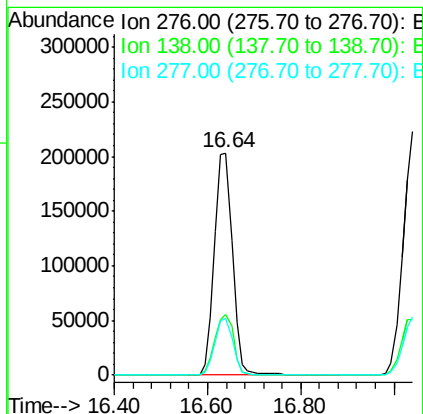
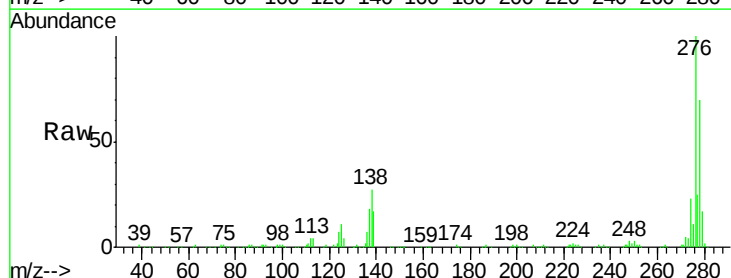
RT: 16.64 min Scan# 1317

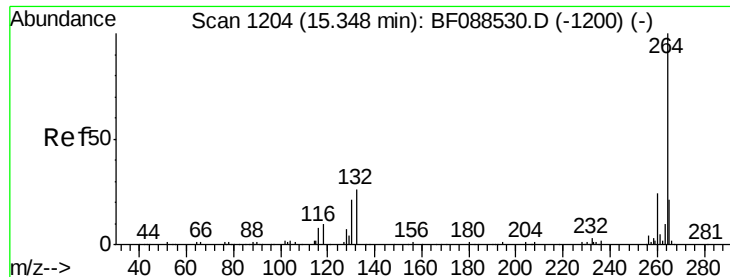
Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:	276	Resp:	550589
Ion Ratio	Lower	Upper	
276	100		
138	28.4	0.0	0.0#
277	25.3	0.0	0.0#

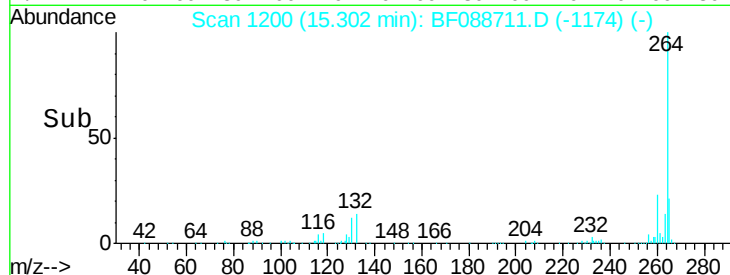
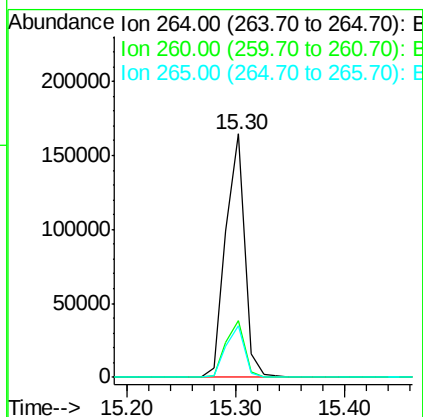
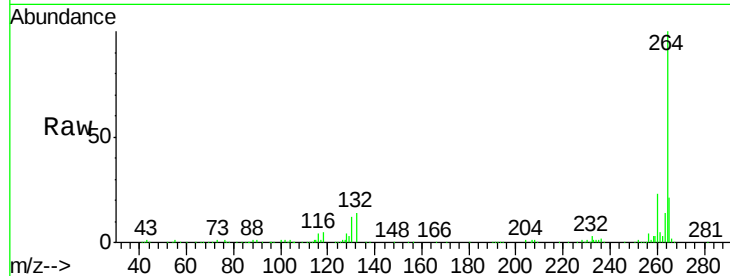




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

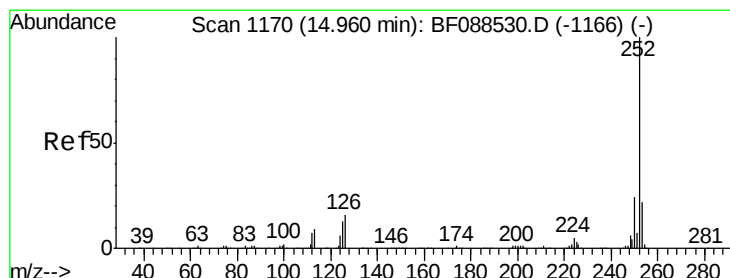
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion:	264	Resp:	199232
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3



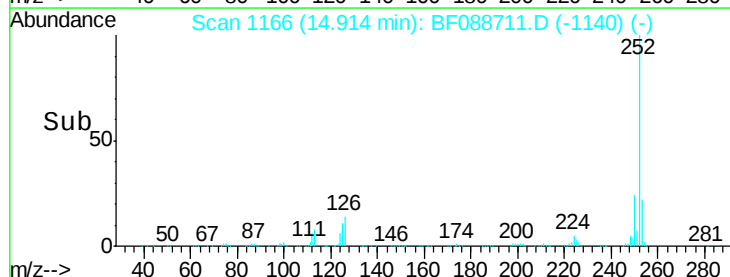
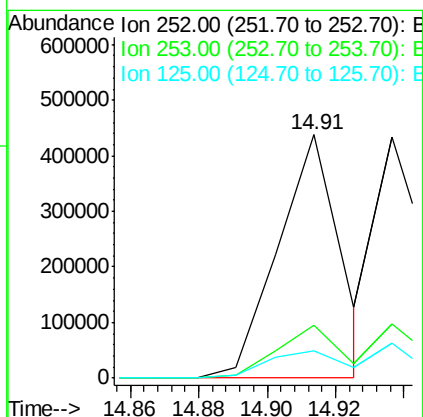
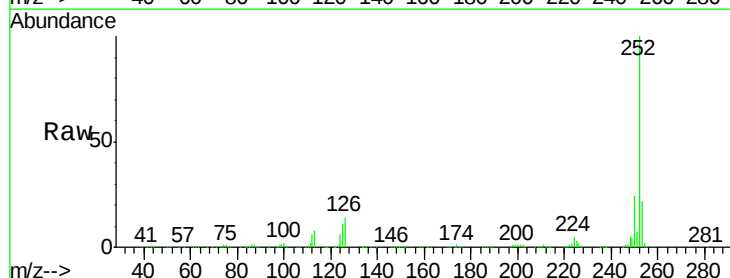
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7/6/2016 7:19:18 PM



#87
Benzo(b)fluoranthene
Concen: 44.24 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:	252	Resp:	552901
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	11.1	7.1	10.7#

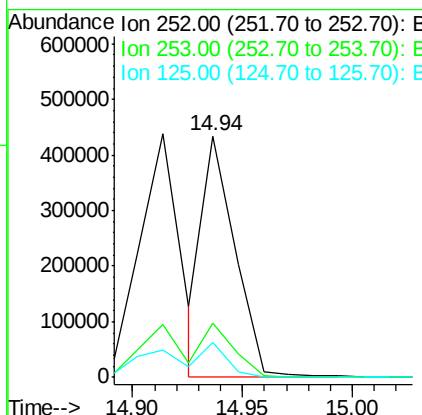
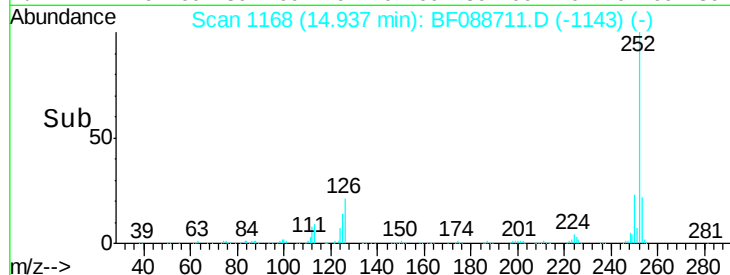
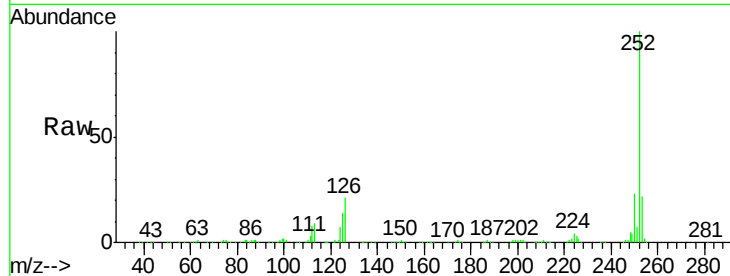




#88
Benzo(k)fluoranthene
Concen: 41.45 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

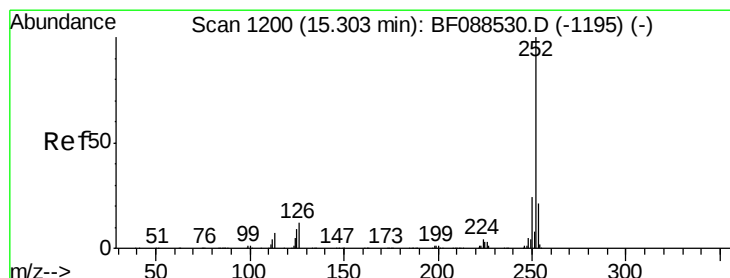
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.3	11.2	16.8



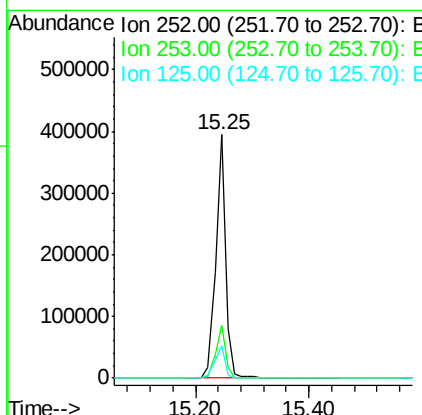
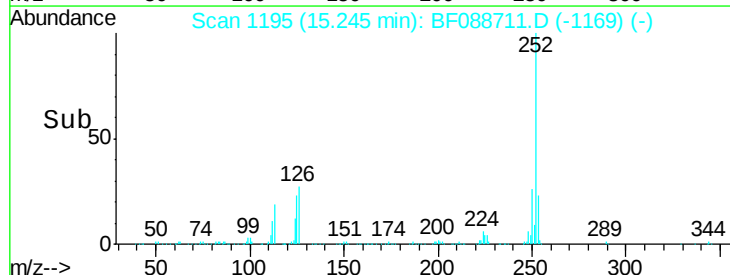
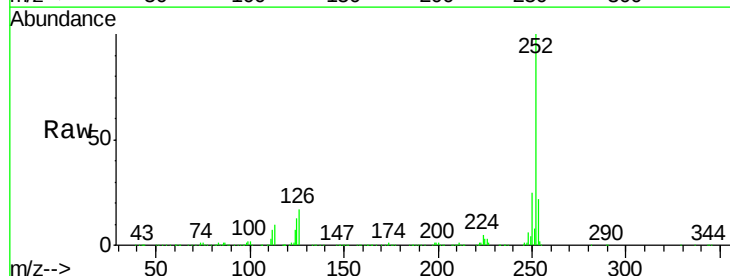
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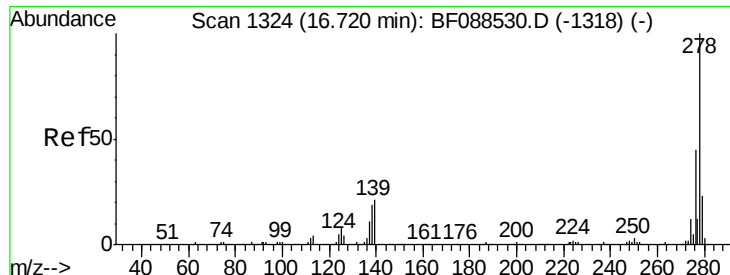
7/6/2016 7:19:18 PM



#89
Benzo(a)pyrene
Concen: 44.42 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.4	12.5	18.7

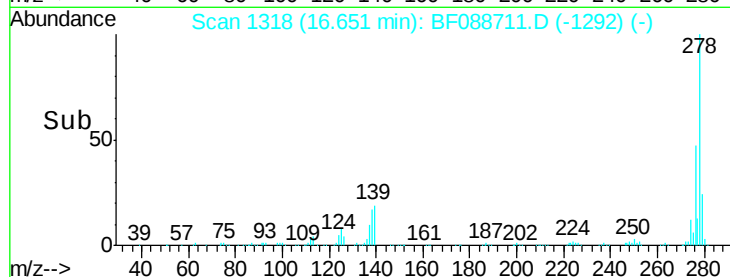
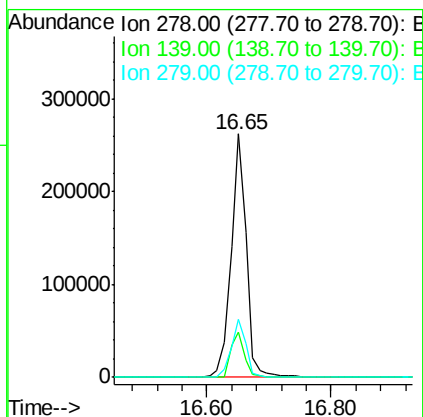
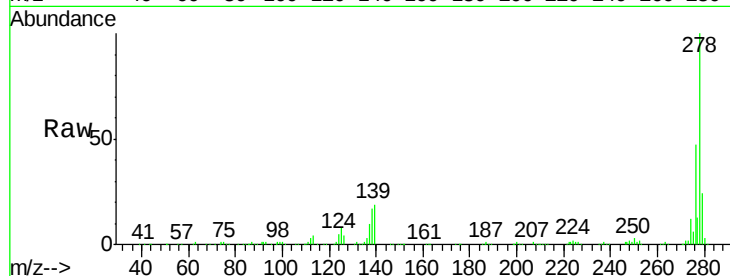




#90
Dibenzo(a,h)anthracene
Concen: 50.65 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

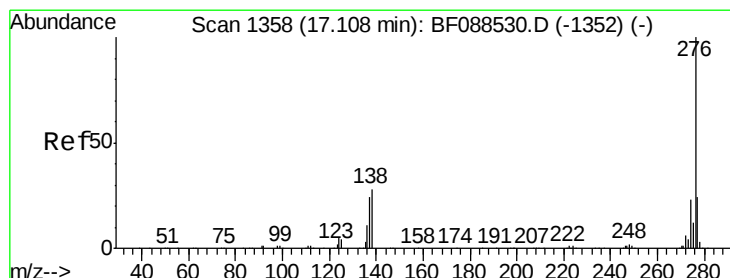
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	24.0	19.4	29.2



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7/6/2016 7:19:18 PM



#91
Benzo(g,h,i)perylene
Concen: 51.13 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.0	21.4	32.2

